

LTE B41-DSH1 -Ant.5(Other_PA)										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.71	17.71	17.75	17.95	17.85	19.00	
		MID	QPSK	17.81	17.87	18.02	18.02	17.98	19.00	
		HIGH	QPSK	17.84	17.75	17.72	17.80	17.76	19.00	
	12	LOW	QPSK	17.72	17.85	17.91	18.08	17.85	19.00	
		MID	QPSK	17.86	18.02	17.92	18.08	17.99	19.00	
		HIGH	QPSK	18.08	17.84	17.74	18.01	18.08	19.00	
	25	LOW	QPSK	17.82	18.01	17.84	17.81	17.70	19.00	
	5	1	LOW	Q16	18.02	18.02	18.05	17.86	17.77	19.00
			MID	Q16	17.77	18.10	18.09	17.97	17.95	19.00
HIGH			Q16	17.82	17.71	18.06	17.96	17.82	19.00	
12		LOW	Q16	17.88	17.98	17.90	17.85	17.77	19.00	
		MID	Q16	17.74	17.80	17.70	18.06	17.96	19.00	
		HIGH	Q16	18.00	17.84	18.01	18.01	17.74	19.00	
25		LOW	Q16	17.73	17.93	18.09	18.07	17.87	19.00	
5		1	LOW	64QAM	18.10	17.88	18.09	18.08	17.72	19.00
			MID	64QAM	18.09	17.76	17.75	18.04	17.97	19.00
	HIGH		64QAM	17.87	17.83	17.70	17.94	18.00	19.00	
	12	LOW	64QAM	17.82	17.99	18.10	18.08	18.04	19.00	
		MID	64QAM	17.78	17.84	17.95	18.07	18.04	19.00	
		HIGH	64QAM	17.94	17.77	18.04	17.89	17.77	19.00	
	25	LOW	64QAM	17.95	17.99	18.02	17.79	18.03	19.00	
	5	1	LOW	256QAM	15.75	15.87	16.05	15.88	16.08	17.00
			MID	256QAM	15.88	16.01	16.09	15.79	15.83	17.00
HIGH			256QAM	15.70	16.01	16.07	15.84	15.90	17.00	
12		LOW	256QAM	16.06	15.80	15.83	15.80	15.74	17.00	
		MID	256QAM	15.79	15.84	15.75	15.76	15.76	17.00	
		HIGH	256QAM	16.07	15.78	15.70	15.72	15.70	17.00	
25		LOW	256QAM	16.07	15.83	15.80	15.84	15.87	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10		1	LOW	QPSK	18.00	17.79	17.94	17.97	17.96	19.00
	MID		QPSK	18.09	17.92	18.05	17.85	17.91	19.00	
	HIGH		QPSK	17.75	17.91	17.93	18.01	17.82	19.00	
	25	LOW	QPSK	17.74	17.82	18.07	17.79	17.89	19.00	
		MID	QPSK	17.80	17.86	18.02	17.84	17.87	19.00	
		HIGH	QPSK	17.96	17.82	17.91	17.94	17.97	19.00	
	50	LOW	QPSK	18.01	18.02	17.76	17.83	17.76	19.00	
	10	1	LOW	Q16	18.07	17.93	18.08	17.85	17.75	19.00
			MID	Q16	17.84	17.74	17.82	18.09	17.85	19.00
HIGH			Q16	17.72	17.85	17.93	17.84	17.78	19.00	
25		LOW	Q16	17.88	17.99	17.99	17.97	17.95	19.00	
		MID	Q16	18.00	17.88	17.89	17.92	18.09	19.00	
		HIGH	Q16	18.04	18.01	18.08	17.79	17.72	19.00	
50		LOW	Q16	17.76	18.05	17.90	17.96	17.85	19.00	
10		1	LOW	64QAM	17.96	18.00	17.91	18.04	18.07	19.00
			MID	64QAM	17.93	18.02	18.08	18.04	18.04	19.00
	HIGH		64QAM	17.80	18.02	17.81	17.90	18.01	19.00	
	25	LOW	64QAM	17.89	17.94	18.03	17.74	17.91	19.00	
		MID	64QAM	17.82	17.87	17.82	17.72	17.89	19.00	
		HIGH	64QAM	18.06	17.96	17.85	17.85	17.70	19.00	
	50	LOW	64QAM	17.94	18.08	17.91	18.10	18.01	19.00	
	10	1	LOW	256QAM	16.08	15.95	15.93	15.70	15.87	17.00
			MID	256QAM	16.06	15.82	15.73	15.74	16.08	17.00
HIGH			256QAM	15.96	16.02	16.00	15.78	16.08	17.00	
25		LOW	256QAM	15.73	16.09	15.94	16.05	15.74	17.00	
		MID	256QAM	15.70	15.80	16.07	15.93	16.10	17.00	
		HIGH	256QAM	15.99	15.90	15.85	15.95	15.72	17.00	
50		LOW	256QAM	15.99	15.79	16.01	15.71	15.75	17.00	

LTE B41-DS11 -Ant.5(Other_PA)										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	18.03	18.10	17.98	17.91	18.04	19.00	
		MID	QPSK	18.07	18.04	18.05	18.07	17.79	19.00	
		HIGH	QPSK	17.89	18.06	18.06	17.76	17.76	19.00	
	36	LOW	QPSK	17.81	17.85	17.82	17.85	17.94	19.00	
		MID	QPSK	18.07	17.92	17.72	18.04	17.79	19.00	
		HIGH	QPSK	18.07	17.71	18.09	17.72	18.04	19.00	
	75	LOW	QPSK	17.95	17.75	18.02	17.80	17.85	19.00	
	15	1	LOW	Q16	17.71	17.75	17.81	17.82	17.78	19.00
			MID	Q16	17.73	17.97	17.79	17.95	18.06	19.00
HIGH			Q16	17.85	18.05	17.72	17.73	17.86	19.00	
36		LOW	Q16	17.89	17.83	17.74	18.03	17.84	19.00	
		MID	Q16	17.99	17.83	17.93	17.72	17.90	19.00	
		HIGH	Q16	17.96	17.85	17.91	17.89	17.92	19.00	
75		LOW	Q16	18.04	17.84	18.07	17.95	17.98	19.00	
15		1	LOW	64QAM	17.75	18.00	17.94	17.75	17.74	19.00
			MID	64QAM	17.88	18.10	17.90	18.01	18.09	19.00
	HIGH		64QAM	17.90	17.97	17.85	17.92	17.87	19.00	
	36	LOW	64QAM	17.85	17.98	17.79	18.04	18.00	19.00	
		MID	64QAM	18.08	18.02	17.89	17.71	17.82	19.00	
		HIGH	64QAM	17.90	17.70	17.79	17.75	17.90	19.00	
	75	LOW	64QAM	18.09	17.82	18.08	17.91	18.07	19.00	
	15	1	LOW	256QAM	16.00	16.02	15.86	15.94	15.88	17.00
			MID	256QAM	16.10	16.04	15.98	15.87	15.88	17.00
HIGH			256QAM	15.95	15.79	16.04	15.73	15.70	17.00	
36		LOW	256QAM	15.89	15.85	15.77	15.91	16.02	17.00	
		MID	256QAM	15.84	16.01	15.96	15.87	15.95	17.00	
		HIGH	256QAM	15.95	15.76	16.02	15.99	15.85	17.00	
75		LOW	256QAM	15.70	15.94	15.87	16.02	15.99	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20		1	LOW	QPSK	17.71	18.10	17.84	17.83	17.75	19.00
	MID		QPSK	17.96	17.79	17.74	18.06	18.08	19.00	
	HIGH		QPSK	17.91	17.71	17.77	18.01	17.92	19.00	
	50	LOW	QPSK	17.90	18.05	17.94	17.79	17.94	19.00	
		MID	QPSK	18.10	17.81	17.83	18.09	18.00	19.00	
		HIGH	QPSK	17.71	17.79	17.75	17.92	18.03	19.00	
	100	LOW	QPSK	17.92	17.99	17.94	17.97	18.04	19.00	
	20	1	LOW	Q16	17.83	17.89	18.04	17.83	17.93	19.00
			MID	Q16	17.70	17.70	17.75	18.10	17.83	19.00
HIGH			Q16	17.78	17.78	17.87	17.95	17.75	19.00	
50		LOW	Q16	18.00	17.86	18.09	17.82	17.97	19.00	
		MID	Q16	17.75	17.98	18.02	18.07	18.07	19.00	
		HIGH	Q16	17.96	17.86	17.98	17.85	18.07	19.00	
100		LOW	Q16	17.72	17.85	17.99	17.82	17.86	19.00	
20		1	LOW	64QAM	17.95	18.01	18.10	17.83	17.88	19.00
			MID	64QAM	17.84	18.00	17.86	17.86	17.82	19.00
	HIGH		64QAM	17.79	18.02	18.07	18.00	17.88	19.00	
	50	LOW	64QAM	18.09	17.98	18.04	17.90	17.97	19.00	
		MID	64QAM	17.86	17.82	17.77	17.99	17.71	19.00	
		HIGH	64QAM	17.71	17.88	17.89	17.94	17.96	19.00	
	100	LOW	64QAM	17.89	17.95	18.06	17.91	17.99	19.00	
	20	1	LOW	256QAM	15.70	15.71	15.78	15.75	15.83	17.00
			MID	256QAM	15.95	15.92	16.07	16.10	15.73	17.00
HIGH			256QAM	15.81	15.72	15.77	15.98	16.07	17.00	
50		LOW	256QAM	15.83	15.70	15.80	16.10	16.06	17.00	
		MID	256QAM	16.00	15.95	15.78	15.90	15.84	17.00	
		HIGH	256QAM	15.75	15.73	15.75	15.78	15.88	17.00	
100		LOW	256QAM	16.10	15.73	15.87	15.82	16.05	17.00	

LTE B41-DSI2&3&4 -Ant.5(Other_PA)										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)	
5	1	LOW	QPSK	16.82	16.78	17.05	16.99	17.05	18.00	
		MID	QPSK	16.81	17.08	16.83	16.72	16.99	18.00	
		HIGH	QPSK	16.90	16.94	16.96	17.10	17.04	18.00	
	12	LOW	QPSK	16.81	16.93	16.77	16.79	17.02	18.00	
		MID	QPSK	16.89	17.10	17.08	17.03	17.05	18.00	
		HIGH	QPSK	16.77	16.83	16.79	16.90	16.91	18.00	
	25	LOW	QPSK	17.04	17.06	16.87	17.01	16.82	18.00	
	5	1	LOW	Q16	16.88	16.99	16.74	16.93	16.90	18.00
			MID	Q16	16.82	16.78	16.92	16.90	16.81	18.00
HIGH			Q16	16.73	16.96	17.08	17.05	16.93	18.00	
12		LOW	Q16	16.89	17.01	16.70	16.88	16.90	18.00	
		MID	Q16	16.83	17.06	16.87	17.10	16.96	18.00	
		HIGH	Q16	17.00	16.75	17.08	16.76	16.95	18.00	
25		LOW	Q16	16.93	16.86	16.70	16.81	17.02	18.00	
5		1	LOW	64QAM	16.72	16.71	17.00	16.93	16.84	18.00
			MID	64QAM	16.82	16.83	16.85	16.82	17.10	18.00
	HIGH		64QAM	16.91	17.10	16.79	16.97	16.98	18.00	
	12	LOW	64QAM	16.76	16.73	16.74	16.76	16.95	18.00	
		MID	64QAM	16.78	16.72	16.89	17.00	16.89	18.00	
		HIGH	64QAM	16.92	16.76	16.81	16.98	17.09	18.00	
	25	LOW	64QAM	16.73	16.82	16.72	16.99	16.84	18.00	
	5	1	LOW	256QAM	16.09	15.88	15.92	15.97	15.78	17.00
			MID	256QAM	15.81	15.70	16.05	15.89	16.04	17.00
HIGH			256QAM	15.99	15.81	15.71	16.03	15.86	17.00	
12		LOW	256QAM	15.73	16.03	15.83	15.88	15.78	17.00	
		MID	256QAM	15.98	16.08	16.03	15.93	15.94	17.00	
		HIGH	256QAM	15.76	15.70	15.75	15.74	16.10	17.00	
25		LOW	256QAM	15.73	16.09	15.70	16.01	15.73	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10		1	LOW	QPSK	17.09	16.72	16.77	16.98	16.82	18.00
	MID		QPSK	16.97	16.73	16.78	16.73	17.03	18.00	
	HIGH		QPSK	17.04	16.70	16.88	17.02	17.09	18.00	
	25	LOW	QPSK	16.94	16.83	16.70	16.88	16.99	18.00	
		MID	QPSK	16.98	16.94	16.81	16.76	17.04	18.00	
		HIGH	QPSK	16.73	16.95	17.09	16.81	16.72	18.00	
	50	LOW	QPSK	17.08	17.08	16.98	16.76	16.78	18.00	
	10	1	LOW	Q16	17.01	17.01	16.78	16.75	16.87	18.00
			MID	Q16	16.83	16.95	16.97	16.81	16.70	18.00
HIGH			Q16	16.93	16.86	17.09	17.08	16.84	18.00	
25		LOW	Q16	16.78	16.71	16.82	16.83	16.99	18.00	
		MID	Q16	16.71	16.88	17.08	17.10	16.96	18.00	
		HIGH	Q16	16.72	16.95	16.73	16.98	17.05	18.00	
50		LOW	Q16	16.84	17.10	16.80	16.75	17.06	18.00	
10		1	LOW	64QAM	16.94	16.89	16.83	16.81	16.85	18.00
			MID	64QAM	17.01	17.00	16.91	17.08	16.87	18.00
	HIGH		64QAM	16.88	16.92	16.78	16.97	17.00	18.00	
	25	LOW	64QAM	16.99	16.87	17.08	16.92	17.02	18.00	
		MID	64QAM	17.00	17.05	17.04	16.86	17.07	18.00	
		HIGH	64QAM	16.83	16.78	16.72	16.90	17.03	18.00	
	50	LOW	64QAM	16.98	16.72	16.90	16.90	17.09	18.00	
	10	1	LOW	256QAM	15.93	15.87	15.76	15.88	15.70	17.00
			MID	256QAM	15.88	15.73	16.06	15.94	15.99	17.00
HIGH			256QAM	16.03	16.03	15.83	16.09	15.80	17.00	
25		LOW	256QAM	16.00	16.02	16.04	15.80	15.82	17.00	
		MID	256QAM	15.95	15.88	16.03	15.79	15.91	17.00	
		HIGH	256QAM	16.03	15.86	15.88	15.79	15.92	17.00	
50		LOW	256QAM	15.73	15.90	15.94	15.93	15.74	17.00	

LTE B41-DSI2&3&4 -Ant.5(Other_PA)										
Bandwidth (MHz)	RB Size	RB offset	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)	
15	1	LOW	QPSK	16.89	16.89	17.00	16.96	16.87	18.00	
		MID	QPSK	16.70	17.09	16.76	16.90	16.94	18.00	
		HIGH	QPSK	17.03	16.86	17.05	16.72	16.89	18.00	
	36	LOW	QPSK	16.86	17.06	17.08	16.83	16.98	18.00	
		MID	QPSK	17.10	16.94	16.97	16.76	16.99	18.00	
		HIGH	QPSK	16.89	16.90	17.01	16.86	16.82	18.00	
	75	LOW	QPSK	16.85	16.95	16.90	17.03	16.95	18.00	
	15	1	LOW	Q16	17.06	17.05	16.81	16.89	16.91	18.00
			MID	Q16	17.10	16.90	16.95	16.96	16.96	18.00
HIGH			Q16	16.79	16.78	17.00	16.93	16.93	18.00	
36		LOW	Q16	16.75	16.83	16.77	16.71	17.10	18.00	
		MID	Q16	16.73	16.72	16.89	16.96	16.97	18.00	
		HIGH	Q16	16.89	16.89	17.08	16.95	16.88	18.00	
75		LOW	Q16	16.81	16.85	16.91	16.96	17.08	18.00	
15		1	LOW	64QAM	17.07	17.08	17.03	16.97	16.80	18.00
			MID	64QAM	17.09	16.97	16.98	16.93	17.09	18.00
	HIGH		64QAM	16.98	17.00	16.78	16.77	17.09	18.00	
	36	LOW	64QAM	17.10	16.90	16.97	16.85	16.76	18.00	
		MID	64QAM	16.98	16.97	16.98	16.79	16.78	18.00	
		HIGH	64QAM	16.72	16.97	16.84	16.99	16.79	18.00	
	75	LOW	64QAM	16.80	16.96	16.85	17.03	16.92	18.00	
	15	1	LOW	256QAM	15.81	15.85	16.01	16.02	15.98	17.00
			MID	256QAM	16.02	15.97	15.76	15.85	16.02	17.00
HIGH			256QAM	16.00	15.81	16.07	16.06	15.71	17.00	
36		LOW	256QAM	16.05	16.08	15.71	15.91	15.92	17.00	
		MID	256QAM	16.04	15.80	16.06	16.05	15.70	17.00	
		HIGH	256QAM	16.08	16.01	15.98	15.98	16.06	17.00	
75		LOW	256QAM	15.98	15.84	16.08	15.83	16.10	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20		1	LOW	QPSK	16.90	17.04	16.78	17.10	16.75	18.00
	MID		QPSK	16.89	16.86	16.99	17.04	17.09	18.00	
	HIGH		QPSK	17.10	17.07	16.81	17.04	16.75	18.00	
	50	LOW	QPSK	16.88	16.75	16.73	16.71	16.80	18.00	
		MID	QPSK	16.79	16.97	17.09	16.84	16.88	18.00	
		HIGH	QPSK	16.86	16.95	17.07	16.86	16.91	18.00	
	100	LOW	QPSK	17.09	16.78	17.03	17.07	17.04	18.00	
	20	1	LOW	Q16	16.76	16.86	16.88	17.08	16.94	18.00
			MID	Q16	17.03	17.07	16.75	16.82	16.92	18.00
HIGH			Q16	16.82	16.95	16.84	17.07	16.91	18.00	
50		LOW	Q16	17.07	16.82	17.10	17.07	17.06	18.00	
		MID	Q16	16.95	17.10	17.00	16.85	17.08	18.00	
		HIGH	Q16	17.06	17.06	16.79	16.73	16.92	18.00	
100		LOW	Q16	16.76	16.70	16.89	16.74	16.85	18.00	
20		1	LOW	64QAM	17.03	16.82	16.87	16.79	17.08	18.00
			MID	64QAM	16.80	17.06	16.87	16.83	16.98	18.00
	HIGH		64QAM	17.02	16.89	16.86	17.08	16.91	18.00	
	50	LOW	64QAM	16.81	17.02	17.01	17.03	17.00	18.00	
		MID	64QAM	17.03	16.77	16.70	16.86	16.73	18.00	
		HIGH	64QAM	17.08	16.96	16.92	17.00	16.73	18.00	
	100	LOW	64QAM	16.92	16.80	17.09	16.71	16.70	18.00	
	20	1	LOW	256QAM	15.75	15.94	15.88	15.85	15.87	17.00
			MID	256QAM	15.85	15.98	15.97	16.05	16.03	17.00
HIGH			256QAM	15.98	16.06	15.90	15.77	16.09	17.00	
50		LOW	256QAM	15.97	15.97	15.81	16.09	15.75	17.00	
		MID	256QAM	15.86	16.03	15.93	15.90	15.93	17.00	
		HIGH	256QAM	15.97	15.71	15.98	15.89	15.85	17.00	
100		LOW	256QAM	15.74	15.99	16.01	15.92	15.97	17.00	

8.3.12 LTE Band42 Output Power

LTE B42-Full Power -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	24.06	24.12	24.34	25.50	
		MID	QPSK	24.04	24.23	24.24	25.50	
		HIGH	QPSK	24.38	24.53	24.49	25.50	
	12	LOW	QPSK	23.84	23.91	23.80	24.50	
		MID	QPSK	23.85	23.63	23.89	24.50	
		HIGH	QPSK	23.98	24.06	24.11	24.50	
	25	LOW	QPSK	23.86	24.04	23.67	24.50	
	5	1	LOW	Q16	24.07	23.66	23.80	24.50
			MID	Q16	23.93	23.74	24.05	24.50
HIGH			Q16	23.77	23.77	23.92	24.50	
12		LOW	Q16	23.13	22.80	22.79	23.50	
		MID	Q16	22.89	22.90	22.77	23.50	
		HIGH	Q16	22.95	22.93	23.07	23.50	
25		LOW	Q16	22.72	23.08	22.75	23.50	
5		1	LOW	64QAM	22.78	22.82	22.85	23.50
			MID	64QAM	22.80	22.87	22.90	23.50
	HIGH		64QAM	22.92	22.95	22.63	23.50	
	12	LOW	64QAM	21.93	21.78	21.92	22.50	
		MID	64QAM	22.24	21.77	22.00	22.50	
		HIGH	64QAM	21.80	21.68	22.16	22.50	
	25	LOW	64QAM	21.74	21.86	21.65	22.50	
	5	1	LOW	256QAM	19.99	19.96	20.09	20.50
			MID	256QAM	19.64	19.79	19.85	20.50
HIGH			256QAM	20.25	19.87	19.70	20.50	
12		LOW	256QAM	20.01	19.99	19.84	20.50	
		MID	256QAM	20.17	19.91	19.88	20.50	
		HIGH	256QAM	19.79	19.88	20.10	20.50	
25		LOW	256QAM	19.67	19.92	19.85	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	24.16	24.23	24.44	25.50
	MID		QPSK	24.09	24.37	24.24	25.50	
	HIGH		QPSK	24.28	24.58	24.43	25.50	
	25	LOW	QPSK	23.76	23.85	23.70	24.50	
		MID	QPSK	23.74	23.71	23.92	24.50	
		HIGH	QPSK	24.02	24.06	24.13	24.50	
50	LOW	QPSK	23.79	23.93	23.72	24.50		
10	1	LOW	Q16	23.87	23.96	24.01	24.50	
		MID	Q16	24.05	23.85	24.00	24.50	
		HIGH	Q16	23.87	23.71	23.80	24.50	
	25	LOW	Q16	22.92	22.91	22.81	23.50	
		MID	Q16	22.85	22.71	22.60	23.50	
		HIGH	Q16	22.98	22.88	22.88	23.50	
	50	LOW	Q16	22.66	22.81	22.77	23.50	
	10	1	LOW	64QAM	22.89	22.97	22.75	23.50
			MID	64QAM	23.09	22.91	22.99	23.50
HIGH			64QAM	22.95	22.87	22.88	23.50	
25		LOW	64QAM	21.87	21.86	21.79	22.50	
		MID	64QAM	22.28	21.96	21.78	22.50	
		HIGH	64QAM	21.72	21.67	22.14	22.50	
50		LOW	64QAM	21.78	22.13	21.67	22.50	
10		1	LOW	256QAM	19.83	19.87	20.05	20.50
			MID	256QAM	19.67	19.94	20.05	20.50
	HIGH		256QAM	20.09	19.95	19.76	20.50	
	25	LOW	256QAM	20.12	19.83	19.65	20.50	
		MID	256QAM	20.10	19.89	19.90	20.50	
		HIGH	256QAM	19.60	19.78	19.93	20.50	
	50	LOW	256QAM	19.90	19.69	19.78	20.50	

LTE B42-Full Power -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	24.06	24.37	24.34	25.50	
		MID	QPSK	24.11	24.28	24.13	25.50	
		HIGH	QPSK	24.40	24.51	24.41	25.50	
	36	LOW	QPSK	23.77	23.93	23.68	24.50	
		MID	QPSK	23.77	23.86	23.96	24.50	
		HIGH	QPSK	23.80	23.87	24.08	24.50	
	75	LOW	QPSK	23.93	23.93	23.73	24.50	
	15	1	LOW	Q16	24.14	23.74	23.93	24.50
			MID	Q16	23.85	23.96	24.06	24.50
HIGH			Q16	23.74	23.82	23.77	24.50	
36		LOW	Q16	23.13	22.83	23.01	23.50	
		MID	Q16	22.99	22.83	22.77	23.50	
		HIGH	Q16	22.89	22.93	22.89	23.50	
75		LOW	Q16	22.92	22.92	22.56	23.50	
15		1	LOW	64QAM	22.70	22.98	23.00	23.50
			MID	64QAM	22.80	22.93	22.73	23.50
	HIGH		64QAM	22.92	22.89	22.79	23.50	
	36	LOW	64QAM	22.08	21.86	21.88	22.50	
		MID	64QAM	22.15	22.01	22.02	22.50	
		HIGH	64QAM	21.69	21.81	21.99	22.50	
	75	LOW	64QAM	21.78	22.04	21.72	22.50	
	15	1	LOW	256QAM	20.00	19.83	19.88	20.50
			MID	256QAM	19.91	19.82	19.88	20.50
HIGH			256QAM	20.04	19.84	19.76	20.50	
36		LOW	256QAM	20.16	19.71	19.65	20.50	
		MID	256QAM	20.03	19.70	20.06	20.50	
		HIGH	256QAM	19.64	19.93	19.90	20.50	
75		LOW	256QAM	19.93	19.94	19.69	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	24.04	24.27	24.29	25.50
	MID		QPSK	24.18	24.36	24.22	25.50	
	HIGH		QPSK	24.28	24.48	24.39	25.50	
	50	LOW	QPSK	23.83	23.79	23.77	24.50	
		MID	QPSK	23.87	23.73	23.92	24.50	
		HIGH	QPSK	23.89	23.92	24.07	24.50	
	100	LOW	QPSK	23.81	23.91	23.78	24.50	
	20	1	LOW	Q16	24.00	23.81	23.88	24.50
			MID	Q16	23.97	23.88	23.92	24.50
HIGH			Q16	23.85	23.81	23.80	24.50	
50		LOW	Q16	23.00	22.92	22.91	23.50	
		MID	Q16	22.98	22.84	22.74	23.50	
		HIGH	Q16	22.89	22.87	22.97	23.50	
100		LOW	Q16	22.77	22.95	22.71	23.50	
20		1	LOW	64QAM	22.85	22.96	22.89	23.50
			MID	64QAM	22.94	22.85	22.85	23.50
	HIGH		64QAM	23.00	22.86	22.76	23.50	
	50	LOW	64QAM	21.96	21.78	21.79	22.50	
		MID	64QAM	22.13	21.87	21.89	22.50	
		HIGH	64QAM	21.77	21.80	22.04	22.50	
	100	LOW	64QAM	21.71	21.99	21.75	22.50	
	20	1	LOW	256QAM	19.88	19.87	19.98	20.50
			MID	256QAM	19.79	19.87	19.93	20.50
HIGH			256QAM	20.10	19.95	19.62	20.50	
50		LOW	256QAM	20.01	19.84	19.71	20.50	
		MID	256QAM	20.11	19.76	19.95	20.50	
		HIGH	256QAM	19.68	19.89	20.01	20.50	
100		LOW	256QAM	19.79	19.84	19.83	20.50	

LTE B42-DS1&5 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	14.08	13.93	13.94	15.50	
		MID	QPSK	13.83	14.20	14.07	15.50	
		HIGH	QPSK	13.99	14.20	13.91	15.50	
	12	LOW	QPSK	14.11	14.18	13.91	15.50	
		MID	QPSK	14.09	14.16	13.98	15.50	
		HIGH	QPSK	14.16	14.23	13.94	15.50	
	25	LOW	QPSK	14.11	14.07	14.05	15.50	
	5	1	LOW	Q16	14.16	14.05	14.04	15.50
			MID	Q16	14.24	14.01	14.01	15.50
HIGH			Q16	13.87	13.87	14.19	15.50	
12		LOW	Q16	13.80	13.93	14.13	15.50	
		MID	Q16	13.91	14.22	14.15	15.50	
		HIGH	Q16	14.00	14.10	14.14	15.50	
25		LOW	Q16	13.92	13.97	14.08	15.50	
5		1	LOW	64QAM	13.80	13.78	13.96	15.50
			MID	64QAM	14.17	14.08	13.94	15.50
	HIGH		64QAM	13.87	13.96	13.95	15.50	
	12	LOW	64QAM	13.93	14.15	14.11	15.50	
		MID	64QAM	13.92	14.00	13.76	15.50	
		HIGH	64QAM	13.81	13.98	14.00	15.50	
	25	LOW	64QAM	13.97	13.99	13.85	15.50	
	5	1	LOW	256QAM	13.97	13.89	13.87	15.50
			MID	256QAM	14.19	13.85	14.01	15.50
HIGH			256QAM	13.92	13.95	14.22	15.50	
12		LOW	256QAM	14.00	14.15	13.95	15.50	
		MID	256QAM	14.15	13.80	13.84	15.50	
		HIGH	256QAM	13.91	14.08	13.87	15.50	
25		LOW	256QAM	14.04	14.01	13.99	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	14.22	14.13	14.15	15.50
	MID		QPSK	13.93	14.04	13.92	15.50	
	HIGH		QPSK	14.19	14.05	14.15	15.50	
	25	LOW	QPSK	13.97	14.01	13.84	15.50	
		MID	QPSK	13.87	14.03	13.98	15.50	
		HIGH	QPSK	14.00	14.08	13.93	15.50	
	50	LOW	QPSK	14.16	13.96	13.97	15.50	
	10	1	LOW	Q16	14.05	14.28	14.11	15.50
			MID	Q16	14.12	14.19	14.09	15.50
HIGH			Q16	13.99	14.02	14.26	15.50	
25		LOW	Q16	13.81	13.87	13.95	15.50	
		MID	Q16	13.93	14.15	14.24	15.50	
		HIGH	Q16	13.84	14.16	14.30	15.50	
50		LOW	Q16	14.01	14.25	13.98	15.50	
10		1	LOW	64QAM	14.00	13.74	13.97	15.50
			MID	64QAM	14.06	14.17	13.94	15.50
	HIGH		64QAM	13.72	13.97	13.76	15.50	
	25	LOW	64QAM	14.03	14.23	14.20	15.50	
		MID	64QAM	14.04	13.86	13.75	15.50	
		HIGH	64QAM	14.07	13.87	14.00	15.50	
	50	LOW	64QAM	14.03	13.84	14.05	15.50	
	10	1	LOW	256QAM	13.97	13.83	13.94	15.50
			MID	256QAM	14.26	13.89	14.11	15.50
HIGH			256QAM	13.87	13.82	14.21	15.50	
25		LOW	256QAM	14.15	14.00	14.22	15.50	
		MID	256QAM	14.26	13.92	13.94	15.50	
		HIGH	256QAM	13.88	14.13	13.87	15.50	
50		LOW	256QAM	14.20	13.91	13.99	15.50	

LTE B42-DS1&5 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	13.93	14.05	13.95	15.50	
		MID	QPSK	14.03	14.15	14.01	15.50	
		HIGH	QPSK	13.90	14.01	14.10	15.50	
	36	LOW	QPSK	14.02	13.95	14.01	15.50	
		MID	QPSK	13.94	13.95	14.10	15.50	
		HIGH	QPSK	14.14	14.14	14.13	15.50	
	75	LOW	QPSK	14.13	14.03	13.91	15.50	
	15	1	LOW	Q16	13.98	14.09	14.09	15.50
			MID	Q16	13.97	14.16	13.90	15.50
HIGH			Q16	13.96	13.88	14.14	15.50	
36		LOW	Q16	13.93	13.99	14.03	15.50	
		MID	Q16	14.03	14.07	14.03	15.50	
		HIGH	Q16	14.04	13.97	14.16	15.50	
75		LOW	Q16	14.02	14.26	14.04	15.50	
15		1	LOW	64QAM	13.93	13.99	14.16	15.50
			MID	64QAM	13.96	14.03	13.88	15.50
	HIGH		64QAM	13.91	13.94	13.90	15.50	
	36	LOW	64QAM	13.89	14.11	14.08	15.50	
		MID	64QAM	14.03	14.00	13.74	15.50	
		HIGH	64QAM	13.86	14.08	14.05	15.50	
	75	LOW	64QAM	14.15	14.07	14.07	15.50	
	15	1	LOW	256QAM	14.08	13.99	13.90	15.50
			MID	256QAM	14.11	13.79	14.21	15.50
HIGH			256QAM	13.85	13.79	14.00	15.50	
36		LOW	256QAM	14.09	14.00	14.09	15.50	
		MID	256QAM	14.23	13.88	13.89	15.50	
		HIGH	256QAM	14.04	13.93	14.01	15.50	
75		LOW	256QAM	13.96	14.03	13.80	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	14.07	14.01	14.09	15.50
	MID		QPSK	13.94	14.13	13.94	15.50	
	HIGH		QPSK	14.05	14.12	14.03	15.50	
	50	LOW	QPSK	14.01	14.06	13.91	15.50	
		MID	QPSK	13.99	14.15	14.00	15.50	
		HIGH	QPSK	14.02	14.12	14.00	15.50	
	100	LOW	QPSK	14.12	14.11	13.92	15.50	
	20	1	LOW	Q16	14.07	14.14	13.99	15.50
			MID	Q16	14.12	14.08	13.96	15.50
HIGH			Q16	13.95	13.88	14.12	15.50	
50		LOW	Q16	13.85	13.87	13.98	15.50	
		MID	Q16	13.98	14.12	14.14	15.50	
		HIGH	Q16	13.94	14.08	14.15	15.50	
100		LOW	Q16	13.91	14.12	13.96	15.50	
20		1	LOW	64QAM	13.93	13.88	14.08	15.50
			MID	64QAM	14.07	14.03	13.98	15.50
	HIGH		64QAM	13.87	13.97	13.91	15.50	
	50	LOW	64QAM	13.97	14.10	14.15	15.50	
		MID	64QAM	13.91	14.00	13.86	15.50	
		HIGH	64QAM	13.92	14.01	14.13	15.50	
	100	LOW	64QAM	14.08	13.92	13.92	15.50	
	20	1	LOW	256QAM	14.05	13.88	13.89	15.50
			MID	256QAM	14.12	13.91	14.10	15.50
HIGH			256QAM	13.94	13.94	14.15	15.50	
50		LOW	256QAM	14.13	14.00	14.08	15.50	
		MID	256QAM	14.12	13.88	13.90	15.50	
		HIGH	256QAM	14.00	14.05	14.00	15.50	
100		LOW	256QAM	14.11	14.03	13.91	15.50	

LTE B42-DSI2&3&4 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.31	17.27	17.30	19.00	
		MID	QPSK	17.23	17.50	17.74	19.00	
		HIGH	QPSK	17.49	17.71	17.60	19.00	
	12	LOW	QPSK	17.47	17.60	17.30	19.00	
		MID	QPSK	17.36	17.79	17.76	19.00	
		HIGH	QPSK	17.63	17.46	17.62	19.00	
	25	LOW	QPSK	17.57	17.71	17.47	19.00	
	5	1	LOW	Q16	17.52	17.39	17.33	19.00
			MID	Q16	17.48	17.53	17.60	19.00
HIGH			Q16	17.67	17.54	17.45	19.00	
12		LOW	Q16	17.44	17.47	17.53	19.00	
		MID	Q16	17.47	17.51	17.48	19.00	
		HIGH	Q16	17.57	17.70	17.50	19.00	
25		LOW	Q16	17.57	17.72	17.59	19.00	
5		1	LOW	64QAM	17.60	17.52	17.44	19.00
			MID	64QAM	17.36	17.61	17.68	19.00
	HIGH		64QAM	17.37	17.53	17.47	19.00	
	12	LOW	64QAM	17.57	17.33	17.70	19.00	
		MID	64QAM	17.48	17.60	17.54	19.00	
		HIGH	64QAM	17.37	17.33	17.38	19.00	
	25	LOW	64QAM	17.53	17.51	17.48	19.00	
	5	1	LOW	256QAM	17.61	17.47	17.68	19.00
			MID	256QAM	17.31	17.62	17.61	19.00
HIGH			256QAM	17.48	17.62	17.68	19.00	
12		LOW	256QAM	17.64	17.51	17.70	19.00	
		MID	256QAM	17.64	17.44	17.73	19.00	
		HIGH	256QAM	17.25	17.54	17.58	19.00	
25		LOW	256QAM	17.50	17.63	17.53	19.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	17.38	17.47	17.31	19.00
	MID		QPSK	17.45	17.28	17.66	19.00	
	HIGH		QPSK	17.63	17.56	17.61	19.00	
	25	LOW	QPSK	17.48	17.64	17.40	19.00	
		MID	QPSK	17.43	17.65	17.52	19.00	
		HIGH	QPSK	17.54	17.57	17.69	19.00	
	50	LOW	QPSK	17.65	17.65	17.36	19.00	
	10	1	LOW	Q16	17.74	17.23	17.36	19.00
			MID	Q16	17.37	17.47	17.36	19.00
HIGH			Q16	17.52	17.48	17.35	19.00	
25		LOW	Q16	17.62	17.58	17.34	19.00	
		MID	Q16	17.52	17.41	17.45	19.00	
		HIGH	Q16	17.59	17.55	17.51	19.00	
50		LOW	Q16	17.34	17.59	17.59	19.00	
10		1	LOW	64QAM	17.62	17.53	17.58	19.00
			MID	64QAM	17.53	17.39	17.40	19.00
	HIGH		64QAM	17.58	17.50	17.35	19.00	
	25	LOW	64QAM	17.51	17.45	17.70	19.00	
		MID	64QAM	17.30	17.66	17.44	19.00	
		HIGH	64QAM	17.43	17.36	17.38	19.00	
	50	LOW	64QAM	17.40	17.35	17.50	19.00	
	10	1	LOW	256QAM	17.70	17.63	17.60	19.00
			MID	256QAM	17.54	17.53	17.54	19.00
HIGH			256QAM	17.53	17.55	17.59	19.00	
25		LOW	256QAM	17.76	17.61	17.55	19.00	
		MID	256QAM	17.53	17.42	17.73	19.00	
		HIGH	256QAM	17.31	17.46	17.56	19.00	
50		LOW	256QAM	17.68	17.60	17.62	19.00	

LTE B42-DSI2&3&4 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	17.42	17.33	17.55	19.00	
		MID	QPSK	17.44	17.27	17.73	19.00	
		HIGH	QPSK	17.43	17.75	17.57	19.00	
	36	LOW	QPSK	17.28	17.46	17.31	19.00	
		MID	QPSK	17.43	17.56	17.72	19.00	
		HIGH	QPSK	17.56	17.32	17.70	19.00	
	75	LOW	QPSK	17.58	17.68	17.43	19.00	
	15	1	LOW	Q16	17.59	17.37	17.26	19.00
			MID	Q16	17.36	17.72	17.52	19.00
HIGH			Q16	17.67	17.24	17.47	19.00	
36		LOW	Q16	17.57	17.67	17.58	19.00	
		MID	Q16	17.59	17.28	17.59	19.00	
		HIGH	Q16	17.73	17.72	17.26	19.00	
75		LOW	Q16	17.49	17.57	17.40	19.00	
15		1	LOW	64QAM	17.45	17.40	17.34	19.00
			MID	64QAM	17.46	17.38	17.40	19.00
	HIGH		64QAM	17.50	17.42	17.43	19.00	
	36	LOW	64QAM	17.47	17.40	17.45	19.00	
		MID	64QAM	17.28	17.55	17.56	19.00	
		HIGH	64QAM	17.56	17.57	17.64	19.00	
	75	LOW	64QAM	17.48	17.43	17.63	19.00	
	15	1	LOW	256QAM	17.74	17.57	17.70	19.00
			MID	256QAM	17.52	17.62	17.55	19.00
HIGH			256QAM	17.53	17.64	17.77	19.00	
36		LOW	256QAM	17.69	17.56	17.47	19.00	
		MID	256QAM	17.73	17.46	17.63	19.00	
		HIGH	256QAM	17.48	17.57	17.48	19.00	
75		LOW	256QAM	17.56	17.55	17.72	19.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	17.44	17.36	17.44	19.00
	MID		QPSK	17.36	17.35	17.62	19.00	
	HIGH		QPSK	17.52	17.64	17.53	19.00	
	50	LOW	QPSK	17.35	17.60	17.40	19.00	
		MID	QPSK	17.42	17.64	17.61	19.00	
		HIGH	QPSK	17.61	17.47	17.62	19.00	
	100	LOW	QPSK	17.56	17.56	17.44	19.00	
	20	1	LOW	Q16	17.65	17.36	17.36	19.00
			MID	Q16	17.37	17.59	17.47	19.00
HIGH			Q16	17.63	17.39	17.40	19.00	
50		LOW	Q16	17.48	17.60	17.44	19.00	
		MID	Q16	17.47	17.37	17.58	19.00	
		HIGH	Q16	17.60	17.60	17.39	19.00	
100		LOW	Q16	17.46	17.63	17.54	19.00	
20		1	LOW	64QAM	17.51	17.49	17.48	19.00
			MID	64QAM	17.38	17.53	17.53	19.00
	HIGH		64QAM	17.51	17.49	17.43	19.00	
	50	LOW	64QAM	17.58	17.38	17.58	19.00	
		MID	64QAM	17.42	17.58	17.56	19.00	
		HIGH	64QAM	17.52	17.44	17.51	19.00	
	100	LOW	64QAM	17.40	17.38	17.60	19.00	
	20	1	LOW	256QAM	17.59	17.59	17.57	19.00
			MID	256QAM	17.40	17.56	17.62	19.00
HIGH			256QAM	17.63	17.58	17.63	19.00	
50		LOW	256QAM	17.65	17.55	17.59	19.00	
		MID	256QAM	17.64	17.49	17.63	19.00	
		HIGH	256QAM	17.38	17.48	17.54	19.00	
100		LOW	256QAM	17.57	17.59	17.62	19.00	

8.3.12 LTE Band42 Output Power

LTE B42-Full Power&DSI4 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.36	21.49	21.63	23.00	
		MID	QPSK	21.25	21.42	21.66	23.00	
		HIGH	QPSK	21.27	21.62	21.43	23.00	
	12	LOW	QPSK	20.45	20.75	20.51	22.00	
		MID	QPSK	20.64	20.63	20.51	22.00	
		HIGH	QPSK	20.73	20.62	20.32	22.00	
	25	LOW	QPSK	20.32	20.76	20.64	22.00	
	5	1	LOW	Q16	20.43	20.54	20.47	22.00
			MID	Q16	20.41	20.48	20.66	22.00
HIGH			Q16	20.54	20.51	20.59	22.00	
12		LOW	Q16	19.57	19.32	19.47	21.00	
		MID	Q16	19.46	19.68	19.55	21.00	
		HIGH	Q16	19.49	19.40	19.32	21.00	
25		LOW	Q16	19.32	19.50	19.45	21.00	
5		1	LOW	64QAM	19.55	19.58	19.72	21.00
			MID	64QAM	19.29	19.46	19.63	21.00
	HIGH		64QAM	19.49	19.37	19.61	21.00	
	12	LOW	64QAM	18.42	18.43	18.70	20.00	
		MID	64QAM	18.62	18.66	18.62	20.00	
		HIGH	64QAM	18.24	18.43	18.52	20.00	
	25	LOW	64QAM	18.74	18.51	18.35	20.00	
	5	1	LOW	256QAM	16.49	16.44	16.75	18.00
			MID	256QAM	16.45	16.56	16.57	18.00
HIGH			256QAM	16.33	16.54	16.55	18.00	
12		LOW	256QAM	16.24	16.24	16.46	18.00	
		MID	256QAM	16.78	16.53	16.60	18.00	
		HIGH	256QAM	16.25	16.44	16.47	18.00	
25		LOW	256QAM	16.36	16.28	16.26	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.47	21.55	21.49	23.00
	MID		QPSK	21.33	21.65	21.48	23.00	
	HIGH		QPSK	21.46	21.46	21.23	23.00	
	25	LOW	QPSK	20.53	20.52	20.24	22.00	
		MID	QPSK	20.48	20.41	20.41	22.00	
		HIGH	QPSK	20.65	20.48	20.50	22.00	
	50	LOW	QPSK	20.26	20.73	20.57	22.00	
	10	1	LOW	Q16	20.49	20.35	20.46	22.00
			MID	Q16	20.28	20.37	20.70	22.00
HIGH			Q16	20.41	20.40	20.59	22.00	
25		LOW	Q16	19.69	19.45	19.25	21.00	
		MID	Q16	19.32	19.58	19.44	21.00	
		HIGH	Q16	19.29	19.54	19.40	21.00	
50		LOW	Q16	19.57	19.26	19.65	21.00	
10		1	LOW	64QAM	19.53	19.70	19.66	21.00
			MID	64QAM	19.50	19.62	19.59	21.00
	HIGH		64QAM	19.58	19.38	19.38	21.00	
	25	LOW	64QAM	18.59	18.64	18.63	20.00	
		MID	64QAM	18.76	18.63	18.65	20.00	
		HIGH	64QAM	18.45	18.66	18.62	20.00	
	50	LOW	64QAM	18.73	18.76	18.21	20.00	
	10	1	LOW	256QAM	16.50	16.52	16.77	18.00
			MID	256QAM	16.47	16.59	16.63	18.00
HIGH			256QAM	16.58	16.44	16.61	18.00	
25		LOW	256QAM	16.50	16.39	16.49	18.00	
		MID	256QAM	16.77	16.41	16.60	18.00	
		HIGH	256QAM	16.37	16.55	16.58	18.00	
50		LOW	256QAM	16.46	16.29	16.26	18.00	

LTE B42-Full Power&DSI4 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.31	21.73	21.45	23.00	
		MID	QPSK	21.26	21.49	21.63	23.00	
		HIGH	QPSK	21.25	21.44	21.31	23.00	
	36	LOW	QPSK	20.41	20.74	20.24	22.00	
		MID	QPSK	20.53	20.42	20.46	22.00	
		HIGH	QPSK	20.56	20.55	20.25	22.00	
	75	LOW	QPSK	20.54	20.61	20.74	22.00	
	15	1	LOW	Q16	20.49	20.40	20.47	22.00
			MID	Q16	20.25	20.54	20.64	22.00
HIGH			Q16	20.60	20.49	20.62	22.00	
36		LOW	Q16	19.51	19.52	19.27	21.00	
		MID	Q16	19.39	19.46	19.57	21.00	
		HIGH	Q16	19.44	19.34	19.40	21.00	
75		LOW	Q16	19.35	19.24	19.49	21.00	
15		1	LOW	64QAM	19.40	19.54	19.55	21.00
			MID	64QAM	19.46	19.64	19.56	21.00
	HIGH		64QAM	19.56	19.54	19.42	21.00	
	36	LOW	64QAM	18.51	18.54	18.79	20.00	
		MID	64QAM	18.65	18.39	18.66	20.00	
		HIGH	64QAM	18.35	18.63	18.46	20.00	
	75	LOW	64QAM	18.74	18.73	18.20	20.00	
	15	1	LOW	256QAM	16.41	16.44	16.50	18.00
			MID	256QAM	16.55	16.48	16.39	18.00
HIGH			256QAM	16.52	16.67	16.41	18.00	
36		LOW	256QAM	16.24	16.33	16.42	18.00	
		MID	256QAM	16.59	16.32	16.53	18.00	
		HIGH	256QAM	16.37	16.64	16.50	18.00	
75		LOW	256QAM	16.56	16.44	16.41	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.42	21.61	21.57	23.00
	MID		QPSK	21.35	21.50	21.55	23.00	
	HIGH		QPSK	21.40	21.47	21.35	23.00	
	50	LOW	QPSK	20.47	20.64	20.37	22.00	
		MID	QPSK	20.52	20.48	20.52	22.00	
		HIGH	QPSK	20.64	20.55	20.37	22.00	
	100	LOW	QPSK	20.39	20.61	20.59	22.00	
	20	1	LOW	Q16	20.42	20.48	20.53	22.00
			MID	Q16	20.40	20.39	20.60	22.00
HIGH			Q16	20.45	20.42	20.50	22.00	
50		LOW	Q16	19.57	19.37	19.40	21.00	
		MID	Q16	19.41	19.61	19.58	21.00	
		HIGH	Q16	19.36	19.42	19.36	21.00	
100		LOW	Q16	19.42	19.37	19.50	21.00	
20		1	LOW	64QAM	19.45	19.61	19.62	21.00
			MID	64QAM	19.43	19.58	19.48	21.00
	HIGH		64QAM	19.46	19.51	19.48	21.00	
	50	LOW	64QAM	18.51	18.53	18.65	20.00	
		MID	64QAM	18.62	18.51	18.58	20.00	
		HIGH	64QAM	18.39	18.54	18.59	20.00	
	100	LOW	64QAM	18.63	18.63	18.35	20.00	
	20	1	LOW	256QAM	16.48	16.37	16.62	18.00
			MID	256QAM	16.50	16.56	16.53	18.00
HIGH			256QAM	16.47	16.58	16.47	18.00	
50		LOW	256QAM	16.38	16.37	16.53	18.00	
		MID	256QAM	16.64	16.45	16.57	18.00	
		HIGH	256QAM	16.39	16.54	16.51	18.00	
100		LOW	256QAM	16.48	16.41	16.37	18.00	

LTE B42-DS1&5 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	16.51	16.42	16.44	18.00	
		MID	QPSK	16.75	16.45	16.44	18.00	
		HIGH	QPSK	16.47	16.37	16.41	18.00	
	12	LOW	QPSK	16.35	16.62	16.61	18.00	
		MID	QPSK	16.61	16.47	16.50	18.00	
		HIGH	QPSK	16.42	16.64	16.58	18.00	
	25	LOW	QPSK	16.49	16.59	16.47	18.00	
	5	1	LOW	Q16	16.60	16.31	16.52	18.00
			MID	Q16	16.49	16.36	16.74	18.00
HIGH			Q16	16.45	16.56	16.57	18.00	
12		LOW	Q16	16.38	16.67	16.67	18.00	
		MID	Q16	16.31	16.45	16.40	18.00	
		HIGH	Q16	16.63	16.47	16.30	18.00	
25		LOW	Q16	16.46	16.69	16.44	18.00	
5		1	LOW	64QAM	16.42	16.59	16.43	18.00
			MID	64QAM	16.38	16.56	16.54	18.00
	HIGH		64QAM	16.70	16.41	16.67	18.00	
	12	LOW	64QAM	16.25	16.40	16.67	18.00	
		MID	64QAM	16.61	16.63	16.57	18.00	
		HIGH	64QAM	16.35	16.36	16.68	18.00	
	25	LOW	64QAM	16.50	16.47	16.76	18.00	
	5	1	LOW	256QAM	16.40	16.57	16.51	18.00
			MID	256QAM	16.66	16.63	16.45	18.00
HIGH			256QAM	16.63	16.43	16.47	18.00	
12		LOW	256QAM	16.54	16.45	16.56	18.00	
		MID	256QAM	16.69	16.34	16.63	18.00	
		HIGH	256QAM	16.26	16.54	16.63	18.00	
25		LOW	256QAM	16.58	16.39	16.37	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	16.32	16.43	16.40	18.00
	MID		QPSK	16.62	16.42	16.32	18.00	
	HIGH		QPSK	16.52	16.40	16.60	18.00	
	25	LOW	QPSK	16.48	16.61	16.47	18.00	
		MID	QPSK	16.53	16.59	16.46	18.00	
		HIGH	QPSK	16.49	16.54	16.72	18.00	
	50	LOW	QPSK	16.49	16.45	16.70	18.00	
	10	1	LOW	Q16	16.53	16.52	16.55	18.00
			MID	Q16	16.50	16.32	16.66	18.00
HIGH			Q16	16.51	16.37	16.36	18.00	
25		LOW	Q16	16.60	16.75	16.73	18.00	
		MID	Q16	16.23	16.43	16.42	18.00	
		HIGH	Q16	16.56	16.29	16.37	18.00	
50		LOW	Q16	16.70	16.74	16.55	18.00	
10		1	LOW	64QAM	16.39	16.43	16.72	18.00
			MID	64QAM	16.45	16.57	16.67	18.00
	HIGH		64QAM	16.51	16.40	16.55	18.00	
	25	LOW	64QAM	16.37	16.54	16.51	18.00	
		MID	64QAM	16.44	16.57	16.50	18.00	
		HIGH	64QAM	16.58	16.38	16.51	18.00	
	50	LOW	64QAM	16.33	16.76	16.74	18.00	
	10	1	LOW	256QAM	16.46	16.52	16.33	18.00
			MID	256QAM	16.62	16.34	16.35	18.00
HIGH			256QAM	16.70	16.51	16.37	18.00	
25		LOW	256QAM	16.74	16.42	16.35	18.00	
		MID	256QAM	16.69	16.44	16.54	18.00	
		HIGH	256QAM	16.23	16.53	16.45	18.00	
50		LOW	256QAM	16.44	16.58	16.39	18.00	

LTE B42-DS1&5 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	16.57	16.60	16.55	18.00	
		MID	QPSK	16.47	16.35	16.53	18.00	
		HIGH	QPSK	16.52	16.33	16.49	18.00	
	36	LOW	QPSK	16.40	16.64	16.48	18.00	
		MID	QPSK	16.43	16.40	16.36	18.00	
		HIGH	QPSK	16.42	16.62	16.67	18.00	
	75	LOW	QPSK	16.45	16.52	16.74	18.00	
	15	1	LOW	Q16	16.67	16.47	16.65	18.00
			MID	Q16	16.31	16.53	16.53	18.00
HIGH			Q16	16.41	16.62	16.54	18.00	
36		LOW	Q16	16.62	16.77	16.65	18.00	
		MID	Q16	16.41	16.53	16.35	18.00	
		HIGH	Q16	16.75	16.29	16.53	18.00	
75		LOW	Q16	16.64	16.63	16.42	18.00	
15		1	LOW	64QAM	16.54	16.44	16.65	18.00
			MID	64QAM	16.35	16.59	16.63	18.00
	HIGH		64QAM	16.54	16.40	16.51	18.00	
	36	LOW	64QAM	16.31	16.40	16.64	18.00	
		MID	64QAM	16.49	16.49	16.59	18.00	
		HIGH	64QAM	16.59	16.46	16.60	18.00	
	75	LOW	64QAM	16.50	16.47	16.59	18.00	
	15	1	LOW	256QAM	16.35	16.44	16.53	18.00
			MID	256QAM	16.76	16.55	16.32	18.00
HIGH			256QAM	16.47	16.56	16.49	18.00	
36		LOW	256QAM	16.77	16.61	16.55	18.00	
		MID	256QAM	16.63	16.36	16.56	18.00	
		HIGH	256QAM	16.38	16.59	16.56	18.00	
75		LOW	256QAM	16.37	16.56	16.27	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	16.42	16.51	16.54	18.00
	MID		QPSK	16.60	16.42	16.40	18.00	
	HIGH		QPSK	16.46	16.61	16.48	18.00	
	50	LOW	QPSK	16.47	16.49	16.47	18.00	
		MID	QPSK	16.46	16.45	16.39	18.00	
		HIGH	QPSK	16.48	16.64	16.64	18.00	
	100	LOW	QPSK	16.45	16.55	16.59	18.00	
	20	1	LOW	Q16	16.64	16.46	16.59	18.00
			MID	Q16	16.39	16.45	16.63	18.00
HIGH			Q16	16.47	16.49	16.45	18.00	
50		LOW	Q16	16.51	16.63	16.65	18.00	
		MID	Q16	16.38	16.58	16.35	18.00	
		HIGH	Q16	16.64	16.38	16.44	18.00	
100		LOW	Q16	16.56	16.61	16.52	18.00	
20		1	LOW	64QAM	16.45	16.53	16.58	18.00
			MID	64QAM	16.43	16.64	16.58	18.00
	HIGH		64QAM	16.62	16.49	16.62	18.00	
	50	LOW	64QAM	16.38	16.45	16.57	18.00	
		MID	64QAM	16.47	16.48	16.57	18.00	
		HIGH	64QAM	16.45	16.51	16.56	18.00	
	100	LOW	64QAM	16.44	16.61	16.62	18.00	
	20	1	LOW	256QAM	16.49	16.59	16.44	18.00
			MID	256QAM	16.64	16.48	16.35	18.00
HIGH			256QAM	16.57	16.46	16.42	18.00	
50		LOW	256QAM	16.65	16.53	16.49	18.00	
		MID	256QAM	16.58	16.39	16.51	18.00	
		HIGH	256QAM	16.36	16.46	16.58	18.00	
100		LOW	256QAM	16.45	16.43	16.40	18.00	

LTE B42-DSI2 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.36	21.49	21.63	23.00	
		MID	QPSK	21.25	21.42	21.66	23.00	
		HIGH	QPSK	21.27	21.62	21.43	23.00	
	12	LOW	QPSK	20.45	20.75	20.51	22.00	
		MID	QPSK	20.64	20.63	20.51	22.00	
		HIGH	QPSK	20.73	20.62	20.32	22.00	
	25	LOW	QPSK	20.32	20.76	20.64	22.00	
	5	1	LOW	Q16	20.43	20.54	20.47	22.00
			MID	Q16	20.41	20.48	20.66	22.00
HIGH			Q16	20.54	20.51	20.59	22.00	
12		LOW	Q16	19.57	19.32	19.47	21.00	
		MID	Q16	19.46	19.68	19.55	21.00	
		HIGH	Q16	19.49	19.40	19.32	21.00	
25		LOW	Q16	19.32	19.50	19.45	21.00	
5		1	LOW	64QAM	19.55	19.58	19.72	21.00
			MID	64QAM	19.29	19.46	19.63	21.00
	HIGH		64QAM	19.49	19.37	19.61	21.00	
	12	LOW	64QAM	18.42	18.43	18.70	20.00	
		MID	64QAM	18.62	18.66	18.62	20.00	
		HIGH	64QAM	18.24	18.43	18.52	20.00	
	25	LOW	64QAM	18.74	18.51	18.35	20.00	
	5	1	LOW	256QAM	16.49	16.44	16.75	18.00
			MID	256QAM	16.45	16.56	16.57	18.00
HIGH			256QAM	16.33	16.54	16.55	18.00	
12		LOW	256QAM	16.24	16.24	16.46	18.00	
		MID	256QAM	16.78	16.53	16.60	18.00	
		HIGH	256QAM	16.25	16.44	16.47	18.00	
25		LOW	256QAM	16.36	16.28	16.26	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.47	21.55	21.49	23.00
	MID		QPSK	21.33	21.65	21.48	23.00	
	HIGH		QPSK	21.46	21.46	21.23	23.00	
	25	LOW	QPSK	20.53	20.52	20.24	22.00	
		MID	QPSK	20.48	20.41	20.41	22.00	
		HIGH	QPSK	20.65	20.48	20.50	22.00	
	50	LOW	QPSK	20.26	20.73	20.57	22.00	
	10	1	LOW	Q16	20.49	20.35	20.46	22.00
			MID	Q16	20.28	20.37	20.70	22.00
HIGH			Q16	20.41	20.40	20.59	22.00	
25		LOW	Q16	19.69	19.45	19.25	21.00	
		MID	Q16	19.32	19.58	19.44	21.00	
		HIGH	Q16	19.29	19.54	19.40	21.00	
50		LOW	Q16	19.57	19.26	19.65	21.00	
10		1	LOW	64QAM	19.53	19.70	19.66	21.00
			MID	64QAM	19.50	19.62	19.59	21.00
	HIGH		64QAM	19.58	19.38	19.38	21.00	
	25	LOW	64QAM	18.59	18.64	18.63	20.00	
		MID	64QAM	18.76	18.63	18.65	20.00	
		HIGH	64QAM	18.45	18.66	18.62	20.00	
	50	LOW	64QAM	18.73	18.76	18.21	20.00	
	10	1	LOW	256QAM	16.50	16.52	16.77	18.00
			MID	256QAM	16.47	16.59	16.63	18.00
HIGH			256QAM	16.58	16.44	16.61	18.00	
25		LOW	256QAM	16.50	16.39	16.49	18.00	
		MID	256QAM	16.77	16.41	16.60	18.00	
		HIGH	256QAM	16.37	16.55	16.58	18.00	
50		LOW	256QAM	16.46	16.29	16.26	18.00	

LTE B42-DSI2 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.31	21.73	21.45	23.00	
		MID	QPSK	21.26	21.49	21.63	23.00	
		HIGH	QPSK	21.25	21.44	21.31	23.00	
	36	LOW	QPSK	20.41	20.74	20.24	22.00	
		MID	QPSK	20.53	20.42	20.46	22.00	
		HIGH	QPSK	20.56	20.55	20.25	22.00	
	75	LOW	QPSK	20.54	20.61	20.74	22.00	
	15	1	LOW	Q16	20.49	20.40	20.47	22.00
			MID	Q16	20.25	20.54	20.64	22.00
HIGH			Q16	20.60	20.49	20.62	22.00	
36		LOW	Q16	19.51	19.52	19.27	21.00	
		MID	Q16	19.39	19.46	19.57	21.00	
		HIGH	Q16	19.44	19.34	19.40	21.00	
75		LOW	Q16	19.35	19.24	19.49	21.00	
15		1	LOW	64QAM	19.40	19.54	19.55	21.00
			MID	64QAM	19.46	19.64	19.56	21.00
	HIGH		64QAM	19.56	19.54	19.42	21.00	
	36	LOW	64QAM	18.51	18.54	18.79	20.00	
		MID	64QAM	18.65	18.39	18.66	20.00	
		HIGH	64QAM	18.35	18.63	18.46	20.00	
	75	LOW	64QAM	18.74	18.73	18.20	20.00	
	15	1	LOW	256QAM	16.41	16.44	16.50	18.00
			MID	256QAM	16.55	16.48	16.39	18.00
HIGH			256QAM	16.52	16.67	16.41	18.00	
36		LOW	256QAM	16.24	16.33	16.42	18.00	
		MID	256QAM	16.59	16.32	16.53	18.00	
		HIGH	256QAM	16.37	16.64	16.50	18.00	
75		LOW	256QAM	16.56	16.44	16.41	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.42	21.61	21.57	23.00
	MID		QPSK	21.35	21.50	21.55	23.00	
	HIGH		QPSK	21.40	21.47	21.35	23.00	
	50	LOW	QPSK	20.47	20.64	20.37	22.00	
		MID	QPSK	20.52	20.48	20.52	22.00	
		HIGH	QPSK	20.64	20.55	20.37	22.00	
	100	LOW	QPSK	20.39	20.61	20.59	22.00	
	20	1	LOW	Q16	20.42	20.48	20.53	22.00
			MID	Q16	20.40	20.39	20.60	22.00
HIGH			Q16	20.45	20.42	20.50	22.00	
50		LOW	Q16	19.57	19.37	19.40	21.00	
		MID	Q16	19.41	19.61	19.58	21.00	
		HIGH	Q16	19.36	19.42	19.36	21.00	
100		LOW	Q16	19.42	19.37	19.50	21.00	
20		1	LOW	64QAM	19.45	19.61	19.62	21.00
			MID	64QAM	19.43	19.58	19.48	21.00
	HIGH		64QAM	19.46	19.51	19.48	21.00	
	50	LOW	64QAM	18.51	18.53	18.65	20.00	
		MID	64QAM	18.62	18.51	18.58	20.00	
		HIGH	64QAM	18.39	18.54	18.59	20.00	
	100	LOW	64QAM	18.63	18.63	18.35	20.00	
	20	1	LOW	256QAM	16.48	16.37	16.62	18.00
			MID	256QAM	16.50	16.56	16.53	18.00
HIGH			256QAM	16.47	16.58	16.47	18.00	
50		LOW	256QAM	16.38	16.37	16.53	18.00	
		MID	256QAM	16.64	16.45	16.57	18.00	
		HIGH	256QAM	16.39	16.54	16.51	18.00	
100		LOW	256QAM	16.48	16.41	16.37	18.00	

LTE B42-DSI3 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	19.10	18.91	19.19	20.50	
		MID	QPSK	19.05	19.27	19.00	20.50	
		HIGH	QPSK	19.11	19.15	18.92	20.50	
	12	LOW	QPSK	19.14	19.27	19.13	20.50	
		MID	QPSK	19.11	18.96	18.93	20.50	
		HIGH	QPSK	18.94	19.04	19.07	20.50	
	25	LOW	QPSK	18.99	18.85	18.71	20.50	
	5	1	LOW	Q16	19.11	19.12	19.11	20.50
			MID	Q16	19.06	19.16	18.79	20.50
HIGH			Q16	18.91	18.96	19.08	20.50	
12		LOW	Q16	18.95	19.18	18.92	20.50	
		MID	Q16	19.19	18.85	19.20	20.50	
		HIGH	Q16	19.09	19.07	19.04	20.50	
25		LOW	Q16	19.20	19.22	18.92	20.50	
5		1	LOW	64QAM	18.80	19.02	18.89	20.50
			MID	64QAM	19.04	19.16	18.98	20.50
	HIGH		64QAM	18.90	19.10	19.02	20.50	
	12	LOW	64QAM	18.43	18.30	18.54	20.00	
		MID	64QAM	18.27	18.39	18.32	20.00	
		HIGH	64QAM	18.46	18.62	18.42	20.00	
	25	LOW	64QAM	18.70	18.55	18.68	20.00	
	5	1	LOW	256QAM	16.46	16.47	16.27	18.00
			MID	256QAM	16.53	16.36	16.22	18.00
HIGH			256QAM	16.68	16.45	16.62	18.00	
12		LOW	256QAM	16.51	16.48	16.50	18.00	
		MID	256QAM	16.46	16.37	16.52	18.00	
		HIGH	256QAM	16.60	16.74	16.40	18.00	
25		LOW	256QAM	16.56	16.34	16.71	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	18.94	19.10	19.07	20.50
	MID		QPSK	19.10	19.29	19.08	20.50	
	HIGH		QPSK	18.87	18.94	18.88	20.50	
	25	LOW	QPSK	19.07	19.17	18.97	20.50	
		MID	QPSK	19.16	18.99	18.86	20.50	
		HIGH	QPSK	18.84	19.13	18.94	20.50	
	50	LOW	QPSK	19.15	18.80	18.72	20.50	
	10	1	LOW	Q16	19.02	19.02	19.03	20.50
			MID	Q16	19.13	19.06	18.78	20.50
HIGH			Q16	18.78	18.84	19.15	20.50	
25		LOW	Q16	18.89	19.09	18.84	20.50	
		MID	Q16	19.10	18.77	19.12	20.50	
		HIGH	Q16	18.96	18.91	19.28	20.50	
50		LOW	Q16	18.95	18.93	19.05	20.50	
10		1	LOW	64QAM	18.83	18.93	19.04	20.50
			MID	64QAM	18.92	19.12	18.91	20.50
	HIGH		64QAM	19.00	18.96	18.74	20.50	
	25	LOW	64QAM	18.58	18.46	18.73	20.00	
		MID	64QAM	18.42	18.35	18.52	20.00	
		HIGH	64QAM	18.43	18.55	18.50	20.00	
	50	LOW	64QAM	18.57	18.60	18.56	20.00	
	10	1	LOW	256QAM	16.51	16.40	16.38	18.00
			MID	256QAM	16.57	16.37	16.52	18.00
HIGH			256QAM	16.45	16.42	16.63	18.00	
25		LOW	256QAM	16.49	16.28	16.50	18.00	
		MID	256QAM	16.54	16.53	16.72	18.00	
		HIGH	256QAM	16.49	16.49	16.36	18.00	
50		LOW	256QAM	16.52	16.43	16.58	18.00	

LTE B42-DSI3 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	19.13	18.91	19.00	20.50	
		MID	QPSK	19.20	19.11	18.97	20.50	
		HIGH	QPSK	19.13	19.15	18.91	20.50	
	36	LOW	QPSK	19.07	19.12	19.00	20.50	
		MID	QPSK	19.15	18.84	18.73	20.50	
		HIGH	QPSK	18.71	19.16	19.17	20.50	
	75	LOW	QPSK	19.09	18.89	18.92	20.50	
	15	1	LOW	Q16	19.19	19.06	19.19	20.50
			MID	Q16	19.05	19.06	18.84	20.50
HIGH			Q16	18.81	19.08	19.15	20.50	
36		LOW	Q16	19.11	19.14	18.93	20.50	
		MID	Q16	19.12	18.77	19.22	20.50	
		HIGH	Q16	19.14	19.07	19.02	20.50	
75		LOW	Q16	19.02	19.02	19.03	20.50	
15		1	LOW	64QAM	18.87	18.92	19.01	20.50
			MID	64QAM	19.04	19.26	19.00	20.50
	HIGH		64QAM	18.81	19.10	18.88	20.50	
	36	LOW	64QAM	18.52	18.50	18.59	20.00	
		MID	64QAM	18.22	18.32	18.33	20.00	
		HIGH	64QAM	18.35	18.41	18.53	20.00	
	75	LOW	64QAM	18.46	18.59	18.61	20.00	
	15	1	LOW	256QAM	16.30	16.49	16.43	18.00
			MID	256QAM	16.53	16.40	16.30	18.00
HIGH			256QAM	16.66	16.44	16.67	18.00	
36		LOW	256QAM	16.42	16.50	16.31	18.00	
		MID	256QAM	16.35	16.51	16.68	18.00	
		HIGH	256QAM	16.49	16.52	16.40	18.00	
75		LOW	256QAM	16.50	16.32	16.47	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	19.07	18.97	19.08	20.50
	MID		QPSK	19.05	19.14	18.95	20.50	
	HIGH		QPSK	19.02	19.03	18.92	20.50	
	50	LOW	QPSK	19.10	19.15	19.09	20.50	
		MID	QPSK	19.05	18.87	18.87	20.50	
		HIGH	QPSK	18.86	19.10	19.08	20.50	
	100	LOW	QPSK	19.03	18.91	18.86	20.50	
	20	1	LOW	Q16	19.14	19.04	19.13	20.50
			MID	Q16	19.06	19.03	18.87	20.50
HIGH			Q16	18.88	18.97	19.12	20.50	
50		LOW	Q16	18.96	19.08	18.95	20.50	
		MID	Q16	19.05	18.91	19.08	20.50	
		HIGH	Q16	19.11	18.97	19.15	20.50	
100		LOW	Q16	19.07	19.07	19.03	20.50	
20		1	LOW	64QAM	18.93	18.95	18.89	20.50
			MID	64QAM	18.97	19.11	19.03	20.50
	HIGH		64QAM	18.88	19.10	18.87	20.50	
	50	LOW	64QAM	18.51	18.35	18.64	20.00	
		MID	64QAM	18.36	18.43	18.41	20.00	
		HIGH	64QAM	18.50	18.54	18.45	20.00	
	100	LOW	64QAM	18.57	18.65	18.65	20.00	
	20	1	LOW	256QAM	16.36	16.53	16.39	18.00
			MID	256QAM	16.63	16.40	16.37	18.00
HIGH			256QAM	16.58	16.42	16.64	18.00	
50		LOW	256QAM	16.46	16.43	16.42	18.00	
		MID	256QAM	16.42	16.45	16.57	18.00	
		HIGH	256QAM	16.55	16.63	16.51	18.00	
100		LOW	256QAM	16.52	16.46	16.56	18.00	

8.3.12 LTE Band42 Output Power

LTE B42-Full Power -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.62	23.96	23.94	25.50	
		MID	QPSK	23.79	23.73	23.66	25.50	
		HIGH	QPSK	23.65	23.82	23.83	25.50	
	12	LOW	QPSK	22.85	22.90	22.75	24.50	
		MID	QPSK	22.51	22.70	22.57	24.50	
		HIGH	QPSK	22.77	22.73	22.67	24.50	
	25	LOW	QPSK	22.62	22.83	22.57	24.50	
	5	1	LOW	Q16	22.59	22.66	22.63	24.50
			MID	Q16	22.55	22.73	22.73	24.50
HIGH			Q16	22.92	22.70	22.68	24.50	
12		LOW	Q16	21.82	21.87	21.57	23.50	
		MID	Q16	21.62	21.91	21.94	23.50	
		HIGH	Q16	21.72	21.94	21.97	23.50	
25		LOW	Q16	21.78	21.86	21.76	23.50	
5		1	LOW	64QAM	21.61	21.74	21.82	23.50
			MID	64QAM	21.72	21.52	21.60	23.50
	HIGH		64QAM	21.84	21.88	21.53	23.50	
	12	LOW	64QAM	20.85	20.84	20.57	22.50	
		MID	64QAM	20.77	20.93	20.76	22.50	
		HIGH	64QAM	20.82	20.78	20.98	22.50	
	25	LOW	64QAM	20.89	20.55	20.80	22.50	
	5	1	LOW	256QAM	18.72	18.74	18.58	20.50
			MID	256QAM	18.88	18.70	18.77	20.50
HIGH			256QAM	18.78	18.70	18.56	20.50	
12		LOW	256QAM	18.68	18.68	18.69	20.50	
		MID	256QAM	18.84	18.65	18.95	20.50	
		HIGH	256QAM	18.80	18.70	19.09	20.50	
25		LOW	256QAM	18.69	18.55	18.54	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	23.53	23.72	23.66	25.50
	MID		QPSK	23.88	23.70	23.70	25.50	
	HIGH		QPSK	23.87	23.74	23.80	25.50	
	25	LOW	QPSK	22.81	22.70	22.81	24.50	
		MID	QPSK	22.57	22.73	22.57	24.50	
		HIGH	QPSK	22.87	22.67	22.71	24.50	
50	LOW	QPSK	22.79	22.66	22.67	24.50		
10	1	LOW	Q16	22.73	22.60	22.81	24.50	
		MID	Q16	22.72	22.66	22.82	24.50	
		HIGH	Q16	22.70	22.70	22.51	24.50	
	25	LOW	Q16	22.09	21.88	21.87	23.50	
		MID	Q16	21.90	21.76	21.94	23.50	
		HIGH	Q16	21.76	21.72	21.97	23.50	
	50	LOW	Q16	21.82	21.67	21.78	23.50	
	10	1	LOW	64QAM	21.55	21.83	21.59	23.50
			MID	64QAM	21.92	21.78	21.75	23.50
HIGH			64QAM	21.64	21.65	21.64	23.50	
25		LOW	64QAM	20.71	20.80	20.79	22.50	
		MID	64QAM	20.80	20.91	21.02	22.50	
		HIGH	64QAM	20.77	20.76	21.17	22.50	
50		LOW	64QAM	20.95	20.70	20.84	22.50	
10		1	LOW	256QAM	18.59	18.69	18.62	20.50
			MID	256QAM	18.91	18.69	18.81	20.50
	HIGH		256QAM	18.76	18.65	18.51	20.50	
	25	LOW	256QAM	18.68	18.65	18.68	20.50	
		MID	256QAM	18.81	18.81	18.79	20.50	
		HIGH	256QAM	18.58	18.66	19.23	20.50	
	50	LOW	256QAM	18.67	18.55	18.70	20.50	

LTE B42-Full Power -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.81	23.78	23.65	25.50	
		MID	QPSK	23.89	23.92	23.65	25.50	
		HIGH	QPSK	23.87	23.80	23.97	25.50	
	36	LOW	QPSK	22.68	22.91	22.86	24.50	
		MID	QPSK	22.66	22.68	22.77	24.50	
		HIGH	QPSK	22.78	22.62	22.65	24.50	
	75	LOW	QPSK	22.71	22.63	22.77	24.50	
	15	1	LOW	Q16	22.73	22.77	22.79	24.50
			MID	Q16	22.50	22.81	22.67	24.50
HIGH			Q16	22.87	22.70	22.65	24.50	
36		LOW	Q16	21.88	21.95	21.71	23.50	
		MID	Q16	21.87	21.87	21.95	23.50	
		HIGH	Q16	21.72	21.92	21.93	23.50	
75		LOW	Q16	21.77	21.91	21.78	23.50	
15		1	LOW	64QAM	21.54	21.76	21.88	23.50
			MID	64QAM	21.65	21.57	21.79	23.50
	HIGH		64QAM	21.63	21.76	21.66	23.50	
	36	LOW	64QAM	20.90	20.68	20.65	22.50	
		MID	64QAM	20.64	20.72	20.93	22.50	
		HIGH	64QAM	20.85	20.61	21.03	22.50	
	75	LOW	64QAM	20.92	20.63	20.77	22.50	
	15	1	LOW	256QAM	18.72	18.71	18.60	20.50
			MID	256QAM	18.82	18.51	18.78	20.50
HIGH			256QAM	18.78	18.85	18.60	20.50	
36		LOW	256QAM	18.60	18.80	18.57	20.50	
		MID	256QAM	18.91	18.80	18.84	20.50	
		HIGH	256QAM	18.81	18.79	19.08	20.50	
75		LOW	256QAM	18.88	18.55	18.53	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	23.68	23.85	23.80	25.50
	MID		QPSK	23.78	23.82	23.79	25.50	
	HIGH		QPSK	23.76	23.87	23.84	25.50	
	50	LOW	QPSK	22.75	22.76	22.89	24.50	
		MID	QPSK	22.65	22.75	22.68	24.50	
		HIGH	QPSK	22.79	22.73	22.66	24.50	
	100	LOW	QPSK	22.74	22.78	22.72	24.50	
	20	1	LOW	Q16	22.69	22.74	22.69	24.50
			MID	Q16	22.65	22.75	22.68	24.50
HIGH			Q16	22.83	22.68	22.53	24.50	
50		LOW	Q16	21.94	21.87	21.72	23.50	
		MID	Q16	21.76	21.79	21.86	23.50	
		HIGH	Q16	21.83	21.85	21.96	23.50	
100		LOW	Q16	21.91	21.79	21.65	23.50	
20		1	LOW	64QAM	21.69	21.75	21.74	23.50
			MID	64QAM	21.79	21.67	21.75	23.50
	HIGH		64QAM	21.77	21.73	21.56	23.50	
	50	LOW	64QAM	20.80	20.76	20.64	22.50	
		MID	64QAM	20.65	20.83	20.90	22.50	
		HIGH	64QAM	20.78	20.72	21.07	22.50	
	100	LOW	64QAM	20.81	20.67	20.69	22.50	
	20	1	LOW	256QAM	18.60	18.72	18.63	20.50
			MID	256QAM	18.88	18.62	18.79	20.50
HIGH			256QAM	18.70	18.80	18.66	20.50	
50		LOW	256QAM	18.65	18.66	18.65	20.50	
		MID	256QAM	18.77	18.71	18.89	20.50	
		HIGH	256QAM	18.66	18.77	19.11	20.50	
100		LOW	256QAM	18.78	18.62	18.56	20.50	

LTE B42-DS11 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.17	23.39	23.43	25.00	
		MID	QPSK	23.34	23.52	23.46	25.00	
		HIGH	QPSK	23.21	23.46	23.13	25.00	
	12	LOW	QPSK	22.90	22.74	22.63	24.50	
		MID	QPSK	22.72	22.84	22.80	24.50	
		HIGH	QPSK	22.71	22.77	22.56	24.50	
	25	LOW	QPSK	22.55	22.86	22.75	24.50	
	5	1	LOW	Q16	22.85	22.64	22.84	24.50
			MID	Q16	22.72	22.83	22.91	24.50
HIGH			Q16	22.58	22.78	22.81	24.50	
12		LOW	Q16	21.94	21.70	21.71	23.50	
		MID	Q16	21.79	21.84	21.98	23.50	
		HIGH	Q16	21.88	21.84	21.78	23.50	
25		LOW	Q16	21.65	21.79	21.90	23.50	
5		1	LOW	64QAM	21.65	21.89	21.75	23.50
			MID	64QAM	21.62	21.73	21.73	23.50
	HIGH		64QAM	21.95	21.94	21.99	23.50	
	12	LOW	64QAM	20.95	20.81	20.74	22.50	
		MID	64QAM	20.78	20.81	20.55	22.50	
		HIGH	64QAM	20.83	20.87	20.72	22.50	
	25	LOW	64QAM	20.80	20.70	20.93	22.50	
	5	1	LOW	256QAM	18.75	18.84	18.69	20.50
			MID	256QAM	18.82	18.92	18.81	20.50
HIGH			256QAM	18.73	19.00	18.86	20.50	
12		LOW	256QAM	18.82	18.76	18.85	20.50	
		MID	256QAM	18.77	18.74	18.60	20.50	
		HIGH	256QAM	18.83	18.64	18.98	20.50	
25		LOW	256QAM	19.01	18.79	18.82	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	23.40	23.35	23.37	25.00
	MID		QPSK	23.22	23.54	23.43	25.00	
	HIGH		QPSK	23.25	23.49	23.32	25.00	
	25	LOW	QPSK	22.78	22.69	22.84	24.50	
		MID	QPSK	22.83	22.79	22.60	24.50	
		HIGH	QPSK	22.86	22.74	22.82	24.50	
	50	LOW	QPSK	22.59	22.66	22.78	24.50	
	10	1	LOW	Q16	22.91	22.76	22.74	24.50
			MID	Q16	22.90	22.89	22.89	24.50
HIGH			Q16	22.80	22.81	23.05	24.50	
25		LOW	Q16	21.89	21.77	21.71	23.50	
		MID	Q16	21.68	21.95	21.90	23.50	
		HIGH	Q16	21.77	21.79	21.60	23.50	
50		LOW	Q16	21.56	21.76	21.79	23.50	
10		1	LOW	64QAM	21.68	21.76	21.86	23.50
			MID	64QAM	21.84	21.86	21.81	23.50
	HIGH		64QAM	21.93	21.92	21.71	23.50	
	25	LOW	64QAM	20.94	20.98	20.93	22.50	
		MID	64QAM	20.97	20.54	20.52	22.50	
		HIGH	64QAM	20.77	20.87	20.85	22.50	
	50	LOW	64QAM	20.84	20.95	20.93	22.50	
	10	1	LOW	256QAM	18.53	18.80	18.80	20.50
			MID	256QAM	18.75	18.98	18.78	20.50
HIGH			256QAM	18.65	19.09	18.84	20.50	
25		LOW	256QAM	18.68	18.72	18.68	20.50	
		MID	256QAM	18.81	18.69	18.65	20.50	
		HIGH	256QAM	18.55	18.58	18.99	20.50	
50		LOW	256QAM	19.02	18.82	18.84	20.50	

LTE B42-DS11 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.19	23.39	23.36	25.00	
		MID	QPSK	23.07	23.57	23.50	25.00	
		HIGH	QPSK	23.14	23.57	23.33	25.00	
	36	LOW	QPSK	22.65	22.72	22.73	24.50	
		MID	QPSK	22.69	22.80	22.65	24.50	
		HIGH	QPSK	22.66	22.58	22.55	24.50	
	75	LOW	QPSK	22.77	22.74	22.95	24.50	
	15	1	LOW	Q16	22.63	22.83	22.83	24.50
			MID	Q16	22.85	22.85	22.96	24.50
HIGH			Q16	22.62	22.81	22.81	24.50	
36		LOW	Q16	21.94	21.73	21.65	23.50	
		MID	Q16	21.68	21.95	21.90	23.50	
		HIGH	Q16	21.97	21.63	21.69	23.50	
75		LOW	Q16	21.84	21.93	21.79	23.50	
15		1	LOW	64QAM	21.68	21.65	21.62	23.50
			MID	64QAM	21.84	21.87	21.78	23.50
	HIGH		64QAM	21.81	21.80	21.84	23.50	
	36	LOW	64QAM	21.00	20.85	20.98	22.50	
		MID	64QAM	20.89	20.70	20.52	22.50	
		HIGH	64QAM	21.00	20.85	20.69	22.50	
	75	LOW	64QAM	20.80	20.87	21.01	22.50	
	15	1	LOW	256QAM	18.71	18.87	18.81	20.50
			MID	256QAM	18.76	19.05	18.70	20.50
HIGH			256QAM	18.89	18.84	18.61	20.50	
36		LOW	256QAM	18.71	18.73	18.89	20.50	
		MID	256QAM	18.88	18.93	18.82	20.50	
		HIGH	256QAM	18.67	18.59	18.96	20.50	
75		LOW	256QAM	18.77	18.73	18.75	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	23.29	23.37	23.29	25.00
	MID		QPSK	23.21	23.45	23.42	25.00	
	HIGH		QPSK	23.25	23.43	23.22	25.00	
	50	LOW	QPSK	22.79	22.84	22.76	24.50	
		MID	QPSK	22.82	22.76	22.75	24.50	
		HIGH	QPSK	22.73	22.73	22.68	24.50	
	100	LOW	QPSK	22.69	22.81	22.82	24.50	
	20	1	LOW	Q16	22.76	22.70	22.74	24.50
			MID	Q16	22.80	22.85	22.83	24.50
HIGH			Q16	22.67	22.72	22.93	24.50	
50		LOW	Q16	21.91	21.65	21.65	23.50	
		MID	Q16	21.80	21.82	21.93	23.50	
		HIGH	Q16	21.91	21.69	21.74	23.50	
100		LOW	Q16	21.71	21.87	21.82	23.50	
20		1	LOW	64QAM	21.68	21.74	21.76	23.50
			MID	64QAM	21.76	21.80	21.80	23.50
	HIGH		64QAM	21.93	21.89	21.86	23.50	
	50	LOW	64QAM	20.89	20.93	20.89	22.50	
		MID	64QAM	20.90	20.69	20.65	22.50	
		HIGH	64QAM	20.87	20.83	20.77	22.50	
	100	LOW	64QAM	20.71	20.81	20.86	22.50	
	20	1	LOW	256QAM	18.67	18.93	18.81	20.50
			MID	256QAM	18.77	18.90	18.77	20.50
HIGH			256QAM	18.79	18.95	18.71	20.50	
50		LOW	256QAM	18.68	18.67	18.76	20.50	
		MID	256QAM	18.91	18.81	18.73	20.50	
		HIGH	256QAM	18.70	18.71	18.91	20.50	
100		LOW	256QAM	18.91	18.80	18.89	20.50	

LTE B42-DSI2&3&4&5 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.89	21.90	21.71	23.50	
		MID	QPSK	21.64	21.98	21.82	23.50	
		HIGH	QPSK	21.92	21.89	21.63	23.50	
	12	LOW	QPSK	21.73	21.92	21.81	23.50	
		MID	QPSK	21.69	21.95	21.91	23.50	
		HIGH	QPSK	21.80	21.92	21.89	23.50	
	25	LOW	QPSK	21.64	21.82	21.65	23.50	
	5	1	LOW	Q16	21.70	21.83	22.00	23.50
			MID	Q16	21.72	21.64	21.68	23.50
HIGH			Q16	21.95	21.83	21.83	23.50	
12		LOW	Q16	21.70	21.71	21.81	23.50	
		MID	Q16	21.85	21.88	21.70	23.50	
		HIGH	Q16	21.74	21.85	21.77	23.50	
25		LOW	Q16	21.59	21.94	21.73	23.50	
5		1	LOW	64QAM	22.03	21.77	21.52	23.50
			MID	64QAM	21.68	21.78	21.87	23.50
	HIGH		64QAM	21.76	21.79	21.86	23.50	
	12	LOW	64QAM	20.58	21.06	20.94	22.50	
		MID	64QAM	20.87	20.71	20.69	22.50	
		HIGH	64QAM	20.90	20.96	20.96	22.50	
	25	LOW	64QAM	20.62	20.80	20.74	22.50	
	5	1	LOW	256QAM	19.03	18.83	19.05	20.50
			MID	256QAM	18.65	18.68	18.82	20.50
HIGH			256QAM	18.85	18.93	18.81	20.50	
12		LOW	256QAM	18.84	18.97	18.92	20.50	
		MID	256QAM	18.68	18.80	18.88	20.50	
		HIGH	256QAM	18.77	18.81	19.00	20.50	
25		LOW	256QAM	18.87	18.70	18.62	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.67	21.76	21.91	23.50
	MID		QPSK	21.60	21.95	21.82	23.50	
	HIGH		QPSK	22.03	21.92	21.80	23.50	
	25	LOW	QPSK	21.85	21.75	21.79	23.50	
		MID	QPSK	21.79	21.66	21.98	23.50	
		HIGH	QPSK	21.76	21.80	21.77	23.50	
	50	LOW	QPSK	21.68	21.55	21.84	23.50	
	10	1	LOW	Q16	21.89	22.01	21.97	23.50
			MID	Q16	21.68	21.57	21.69	23.50
HIGH			Q16	21.84	21.88	21.63	23.50	
25		LOW	Q16	21.57	21.82	21.69	23.50	
		MID	Q16	21.91	21.97	21.83	23.50	
		HIGH	Q16	21.78	21.92	21.76	23.50	
50		LOW	Q16	21.74	22.03	21.83	23.50	
10		1	LOW	64QAM	22.03	21.72	21.77	23.50
			MID	64QAM	21.69	21.92	21.84	23.50
	HIGH		64QAM	21.76	21.91	21.68	23.50	
	25	LOW	64QAM	20.53	20.96	20.92	22.50	
		MID	64QAM	20.78	20.78	20.78	22.50	
		HIGH	64QAM	20.78	20.73	20.96	22.50	
	50	LOW	64QAM	20.81	20.57	20.67	22.50	
	10	1	LOW	256QAM	18.85	18.79	18.86	20.50
			MID	256QAM	18.63	18.97	18.95	20.50
HIGH			256QAM	18.85	18.99	18.65	20.50	
25		LOW	256QAM	18.81	18.80	19.00	20.50	
		MID	256QAM	18.61	19.03	18.96	20.50	
		HIGH	256QAM	18.82	19.01	18.98	20.50	
50		LOW	256QAM	18.62	18.57	18.77	20.50	

LTE B42-DSI2&3&4&5 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.88	21.92	21.73	23.50	
		MID	QPSK	21.53	22.02	21.94	23.50	
		HIGH	QPSK	21.77	21.95	21.73	23.50	
	36	LOW	QPSK	21.71	21.93	21.73	23.50	
		MID	QPSK	21.73	21.67	21.87	23.50	
		HIGH	QPSK	21.84	22.01	21.62	23.50	
	75	LOW	QPSK	21.75	21.57	21.73	23.50	
	15	1	LOW	Q16	21.88	21.89	21.74	23.50
			MID	Q16	21.57	21.62	21.84	23.50
HIGH			Q16	21.90	21.85	21.63	23.50	
36		LOW	Q16	21.83	21.92	21.78	23.50	
		MID	Q16	21.96	21.99	21.85	23.50	
		HIGH	Q16	21.78	21.71	21.87	23.50	
75		LOW	Q16	21.67	21.86	21.83	23.50	
15		1	LOW	64QAM	21.86	21.75	21.68	23.50
			MID	64QAM	21.69	21.80	21.91	23.50
	HIGH		64QAM	21.93	21.79	21.77	23.50	
	36	LOW	64QAM	20.55	20.89	20.86	22.50	
		MID	64QAM	20.80	20.89	20.85	22.50	
		HIGH	64QAM	20.90	20.87	20.75	22.50	
	75	LOW	64QAM	20.72	20.54	20.82	22.50	
	15	1	LOW	256QAM	18.99	18.65	18.98	20.50
			MID	256QAM	18.68	18.90	18.93	20.50
HIGH			256QAM	18.69	18.92	18.54	20.50	
36		LOW	256QAM	18.92	18.80	18.75	20.50	
		MID	256QAM	18.87	18.75	18.78	20.50	
		HIGH	256QAM	18.97	18.94	18.92	20.50	
75		LOW	256QAM	18.62	18.52	18.68	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.76	21.79	21.83	23.50
	MID		QPSK	21.66	21.93	21.91	23.50	
	HIGH		QPSK	21.91	21.82	21.74	23.50	
	50	LOW	QPSK	21.85	21.81	21.82	23.50	
		MID	QPSK	21.67	21.93	21.81	23.50	
		HIGH	QPSK	21.90	21.88	21.74	23.50	
	100	LOW	QPSK	21.67	21.68	21.79	23.50	
	20	1	LOW	Q16	21.74	21.95	21.89	23.50
			MID	Q16	21.70	21.67	21.74	23.50
HIGH			Q16	21.82	21.82	21.76	23.50	
50		LOW	Q16	21.71	21.80	21.77	23.50	
		MID	Q16	21.91	21.85	21.74	23.50	
		HIGH	Q16	21.88	21.79	21.89	23.50	
100		LOW	Q16	21.65	21.89	21.80	23.50	
20		1	LOW	64QAM	21.88	21.76	21.65	23.50
			MID	64QAM	21.68	21.89	21.76	23.50
	HIGH		64QAM	21.84	21.76	21.83	23.50	
	50	LOW	64QAM	20.68	20.95	20.83	22.50	
		MID	64QAM	20.89	20.85	20.70	22.50	
		HIGH	64QAM	20.80	20.87	20.83	22.50	
	100	LOW	64QAM	20.68	20.65	20.68	22.50	
	20	1	LOW	256QAM	18.95	18.77	18.92	20.50
			MID	256QAM	18.72	18.82	18.82	20.50
HIGH			256QAM	18.81	18.93	18.66	20.50	
50		LOW	256QAM	18.90	18.88	18.85	20.50	
		MID	256QAM	18.74	18.88	18.81	20.50	
		HIGH	256QAM	18.88	18.95	18.89	20.50	
100		LOW	256QAM	18.74	18.65	18.71	20.50	

8.3.12 LTE Band42 Output Power

LTE B42-Full Power -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	20.56	20.36	20.72	22.00	
		MID	QPSK	20.36	20.62	20.72	22.00	
		HIGH	QPSK	20.52	20.70	20.44	22.00	
	12	LOW	QPSK	19.39	19.31	19.57	21.00	
		MID	QPSK	19.52	19.53	19.53	21.00	
		HIGH	QPSK	19.46	19.57	19.72	21.00	
	25	LOW	QPSK	19.69	19.36	19.62	21.00	
	5	1	LOW	Q16	19.54	19.50	19.43	21.00
			MID	Q16	19.60	19.40	19.29	21.00
HIGH			Q16	19.46	19.61	19.42	21.00	
12		LOW	Q16	18.45	18.58	18.31	20.00	
		MID	Q16	18.32	18.62	18.42	20.00	
		HIGH	Q16	18.42	18.29	18.63	20.00	
25		LOW	Q16	18.37	18.57	18.69	20.00	
5		1	LOW	64QAM	18.52	18.63	18.51	20.00
			MID	64QAM	18.62	18.66	18.52	20.00
	HIGH		64QAM	18.38	18.50	18.71	20.00	
	12	LOW	64QAM	17.69	17.39	17.34	19.00	
		MID	64QAM	17.32	17.63	17.43	19.00	
		HIGH	64QAM	17.31	17.31	17.60	19.00	
	25	LOW	64QAM	17.53	17.39	17.22	19.00	
	5	1	LOW	256QAM	15.38	15.53	15.57	17.00
			MID	256QAM	15.33	15.35	15.48	17.00
HIGH			256QAM	15.34	15.56	15.46	17.00	
12		LOW	256QAM	15.42	15.64	15.49	17.00	
		MID	256QAM	15.41	15.70	15.54	17.00	
		HIGH	256QAM	15.54	15.42	15.49	17.00	
25		LOW	256QAM	15.31	15.27	15.65	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	20.50	20.41	20.49	22.00
	MID		QPSK	20.32	20.42	20.64	22.00	
	HIGH		QPSK	20.36	20.68	20.45	22.00	
	25	LOW	QPSK	19.35	19.30	19.66	21.00	
		MID	QPSK	19.48	19.68	19.67	21.00	
		HIGH	QPSK	19.59	19.37	19.61	21.00	
	50	LOW	QPSK	19.69	19.65	19.42	21.00	
	10	1	LOW	Q16	19.47	19.44	19.58	21.00
			MID	Q16	19.67	19.41	19.36	21.00
HIGH			Q16	19.53	19.76	19.55	21.00	
25		LOW	Q16	18.51	18.55	18.21	20.00	
		MID	Q16	18.32	18.41	18.60	20.00	
		HIGH	Q16	18.43	18.57	18.79	20.00	
50		LOW	Q16	18.42	18.64	18.68	20.00	
10		1	LOW	64QAM	18.37	18.43	18.71	20.00
			MID	64QAM	18.61	18.79	18.49	20.00
	HIGH		64QAM	18.43	18.54	18.60	20.00	
	25	LOW	64QAM	17.71	17.52	17.52	19.00	
		MID	64QAM	17.34	17.70	17.63	19.00	
		HIGH	64QAM	17.43	17.29	17.61	19.00	
	50	LOW	64QAM	17.35	17.46	17.32	19.00	
	10	1	LOW	256QAM	15.30	15.42	15.56	17.00
			MID	256QAM	15.49	15.25	15.48	17.00
HIGH			256QAM	15.34	15.50	15.65	17.00	
25		LOW	256QAM	15.22	15.55	15.35	17.00	
		MID	256QAM	15.63	15.60	15.63	17.00	
		HIGH	256QAM	15.67	15.53	15.44	17.00	
50		LOW	256QAM	15.45	15.30	15.54	17.00	

LTE B42-Full Power -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	20.47	20.32	20.69	22.00	
		MID	QPSK	20.32	20.56	20.60	22.00	
		HIGH	QPSK	20.45	20.67	20.54	22.00	
	36	LOW	QPSK	19.30	19.40	19.68	21.00	
		MID	QPSK	19.69	19.49	19.76	21.00	
		HIGH	QPSK	19.64	19.61	19.48	21.00	
	75	LOW	QPSK	19.75	19.42	19.42	21.00	
	15	1	LOW	Q16	19.57	19.56	19.59	21.00
			MID	Q16	19.48	19.43	19.30	21.00
HIGH			Q16	19.37	19.62	19.40	21.00	
36		LOW	Q16	18.62	18.36	18.29	20.00	
		MID	Q16	18.51	18.43	18.40	20.00	
		HIGH	Q16	18.31	18.45	18.66	20.00	
75		LOW	Q16	18.32	18.73	18.66	20.00	
15		1	LOW	64QAM	18.57	18.67	18.52	20.00
			MID	64QAM	18.62	18.57	18.48	20.00
	HIGH		64QAM	18.38	18.66	18.70	20.00	
	36	LOW	64QAM	17.47	17.61	17.47	19.00	
		MID	64QAM	17.52	17.40	17.65	19.00	
		HIGH	64QAM	17.41	17.33	17.50	19.00	
	75	LOW	64QAM	17.25	17.25	17.40	19.00	
	15	1	LOW	256QAM	15.26	15.69	15.52	17.00
			MID	256QAM	15.29	15.39	15.44	17.00
HIGH			256QAM	15.37	15.49	15.69	17.00	
36		LOW	256QAM	15.28	15.75	15.61	17.00	
		MID	256QAM	15.57	15.71	15.45	17.00	
		HIGH	256QAM	15.55	15.45	15.32	17.00	
75		LOW	256QAM	15.49	15.52	15.56	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	20.57	20.36	20.62	22.00
	MID		QPSK	20.46	20.55	20.63	22.00	
	HIGH		QPSK	20.47	20.61	20.59	22.00	
	50	LOW	QPSK	19.43	19.42	19.53	21.00	
		MID	QPSK	19.57	19.63	19.64	21.00	
		HIGH	QPSK	19.59	19.46	19.58	21.00	
	100	LOW	QPSK	19.62	19.51	19.49	21.00	
	20	1	LOW	Q16	19.50	19.50	19.58	21.00
			MID	Q16	19.57	19.46	19.35	21.00
HIGH			Q16	19.46	19.61	19.43	21.00	
50		LOW	Q16	18.48	18.48	18.36	20.00	
		MID	Q16	18.37	18.55	18.45	20.00	
		HIGH	Q16	18.44	18.42	18.65	20.00	
100		LOW	Q16	18.45	18.63	18.54	20.00	
20		1	LOW	64QAM	18.49	18.53	18.65	20.00
			MID	64QAM	18.51	18.65	18.46	20.00
	HIGH		64QAM	18.43	18.62	18.62	20.00	
	50	LOW	64QAM	17.58	17.46	17.38	19.00	
		MID	64QAM	17.47	17.55	17.52	19.00	
		HIGH	64QAM	17.41	17.40	17.50	19.00	
	100	LOW	64QAM	17.39	17.39	17.36	19.00	
	20	1	LOW	256QAM	15.39	15.55	15.47	17.00
			MID	256QAM	15.42	15.39	15.55	17.00
HIGH			256QAM	15.37	15.51	15.56	17.00	
50		LOW	256QAM	15.36	15.64	15.47	17.00	
		MID	256QAM	15.50	15.56	15.57	17.00	
		HIGH	256QAM	15.56	15.46	15.35	17.00	
100		LOW	256QAM	15.46	15.39	15.60	17.00	

LTE B42-DS1&5 -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	15.95	15.95	15.98	17.50	
		MID	QPSK	15.89	16.20	16.14	17.50	
		HIGH	QPSK	16.21	15.95	15.90	17.50	
	12	LOW	QPSK	15.99	16.28	16.14	17.50	
		MID	QPSK	15.78	15.94	16.11	17.50	
		HIGH	QPSK	15.83	16.16	16.05	17.50	
	25	LOW	QPSK	15.99	16.18	15.83	17.50	
	5	1	LOW	Q16	15.94	16.26	16.03	17.50
			MID	Q16	16.03	16.07	15.81	17.50
HIGH			Q16	15.95	15.99	16.09	17.50	
12		LOW	Q16	16.16	15.89	16.14	17.50	
		MID	Q16	15.78	16.00	16.14	17.50	
		HIGH	Q16	15.91	16.00	16.04	17.50	
25		LOW	Q16	15.99	16.23	16.24	17.50	
5		1	LOW	64QAM	16.16	15.88	16.10	17.50
			MID	64QAM	16.01	15.82	15.95	17.50
	HIGH		64QAM	16.00	16.17	15.71	17.50	
	12	LOW	64QAM	15.91	16.10	15.81	17.50	
		MID	64QAM	16.09	15.91	15.93	17.50	
		HIGH	64QAM	15.94	15.98	16.08	17.50	
	25	LOW	64QAM	15.79	15.95	15.90	17.50	
	5	1	LOW	256QAM	15.59	15.49	15.33	17.00
			MID	256QAM	15.63	15.54	15.38	17.00
HIGH			256QAM	15.38	15.42	15.64	17.00	
12		LOW	256QAM	15.55	15.25	15.39	17.00	
		MID	256QAM	15.60	15.50	15.51	17.00	
		HIGH	256QAM	15.35	15.54	15.50	17.00	
25		LOW	256QAM	15.67	15.67	15.49	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	16.10	16.05	16.00	17.50
	MID		QPSK	16.10	15.98	16.13	17.50	
	HIGH		QPSK	16.03	16.04	15.88	17.50	
	25	LOW	QPSK	15.86	16.27	16.29	17.50	
		MID	QPSK	15.94	16.23	15.94	17.50	
		HIGH	QPSK	15.90	16.21	16.18	17.50	
	50	LOW	QPSK	15.99	16.23	15.78	17.50	
	10	1	LOW	Q16	15.93	16.26	16.05	17.50
			MID	Q16	16.06	16.06	15.88	17.50
HIGH			Q16	16.09	15.86	16.12	17.50	
25		LOW	Q16	16.26	15.97	16.03	17.50	
		MID	Q16	16.03	16.07	16.04	17.50	
		HIGH	Q16	16.05	16.26	15.97	17.50	
50		LOW	Q16	16.14	16.04	16.28	17.50	
10		1	LOW	64QAM	16.17	15.98	16.16	17.50
			MID	64QAM	15.92	15.81	15.93	17.50
	HIGH		64QAM	15.91	16.05	15.74	17.50	
	25	LOW	64QAM	15.96	16.16	15.86	17.50	
		MID	64QAM	15.99	15.88	15.78	17.50	
		HIGH	64QAM	16.03	15.80	15.84	17.50	
	50	LOW	64QAM	15.87	15.91	15.85	17.50	
	10	1	LOW	256QAM	15.62	15.63	15.26	17.00
			MID	256QAM	15.60	15.54	15.41	17.00
HIGH			256QAM	15.34	15.51	15.56	17.00	
25		LOW	256QAM	15.52	15.24	15.32	17.00	
		MID	256QAM	15.41	15.49	15.44	17.00	
		HIGH	256QAM	15.51	15.64	15.71	17.00	
50		LOW	256QAM	15.48	15.50	15.57	17.00	

LTE B42-DS1&5 -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	16.15	16.15	15.95	17.50	
		MID	QPSK	16.01	16.25	16.13	17.50	
		HIGH	QPSK	16.25	15.96	16.09	17.50	
	36	LOW	QPSK	15.92	16.04	16.10	17.50	
		MID	QPSK	16.00	15.95	16.07	17.50	
		HIGH	QPSK	15.86	16.29	16.21	17.50	
	75	LOW	QPSK	15.99	16.19	15.90	17.50	
	15	1	LOW	Q16	16.13	16.25	16.16	17.50
			MID	Q16	16.05	15.96	16.00	17.50
HIGH			Q16	15.95	15.99	16.23	17.50	
36		LOW	Q16	16.20	15.99	15.97	17.50	
		MID	Q16	15.87	16.05	16.05	17.50	
		HIGH	Q16	16.02	16.19	16.21	17.50	
75		LOW	Q16	16.11	16.00	16.09	17.50	
15		1	LOW	64QAM	15.91	16.05	16.25	17.50
			MID	64QAM	16.18	15.92	15.96	17.50
	HIGH		64QAM	16.01	16.03	15.88	17.50	
	36	LOW	64QAM	15.99	16.06	16.02	17.50	
		MID	64QAM	16.03	16.00	15.95	17.50	
		HIGH	64QAM	15.95	15.99	16.13	17.50	
	75	LOW	64QAM	15.96	15.81	15.75	17.50	
	15	1	LOW	256QAM	15.43	15.56	15.30	17.00
			MID	256QAM	15.48	15.57	15.40	17.00
HIGH			256QAM	15.54	15.35	15.46	17.00	
36		LOW	256QAM	15.60	15.41	15.40	17.00	
		MID	256QAM	15.53	15.49	15.22	17.00	
		HIGH	256QAM	15.47	15.61	15.52	17.00	
75		LOW	256QAM	15.57	15.61	15.74	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	16.05	16.08	15.95	17.50
	MID		QPSK	16.01	16.13	16.12	17.50	
	HIGH		QPSK	16.10	16.05	16.00	17.50	
	50	LOW	QPSK	16.01	16.14	16.14	17.50	
		MID	QPSK	15.91	16.08	15.99	17.50	
		HIGH	QPSK	15.97	16.14	16.12	17.50	
	100	LOW	QPSK	16.01	16.14	15.93	17.50	
	20	1	LOW	Q16	16.02	16.15	16.02	17.50
			MID	Q16	16.02	15.93	15.86	17.50
HIGH			Q16	16.04	15.89	16.08	17.50	
50		LOW	Q16	16.13	16.04	16.04	17.50	
		MID	Q16	15.91	16.06	16.12	17.50	
		HIGH	Q16	16.00	16.12	16.08	17.50	
100		LOW	Q16	15.99	16.11	16.15	17.50	
20		1	LOW	64QAM	16.06	16.01	16.15	17.50
			MID	64QAM	16.04	15.87	15.88	17.50
	HIGH		64QAM	16.04	16.15	15.85	17.50	
	50	LOW	64QAM	16.01	16.14	15.89	17.50	
		MID	64QAM	15.94	15.98	15.88	17.50	
		HIGH	64QAM	16.04	15.94	15.99	17.50	
	100	LOW	64QAM	15.88	15.91	15.88	17.50	
	20	1	LOW	256QAM	15.54	15.48	15.41	17.00
			MID	256QAM	15.58	15.52	15.45	17.00
HIGH			256QAM	15.45	15.46	15.54	17.00	
50		LOW	256QAM	15.58	15.38	15.38	17.00	
		MID	256QAM	15.48	15.58	15.36	17.00	
		HIGH	256QAM	15.40	15.52	15.61	17.00	
100		LOW	256QAM	15.59	15.62	15.64	17.00	

LTE B42-DSI2&3&4 -Ant.9							
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.46	19.46	21.00
		MID	QPSK	19.45	19.65	19.52	21.00
		HIGH	QPSK	19.59	19.47	19.76	21.00
	12	LOW	QPSK	19.45	19.47	19.72	21.00
		MID	QPSK	19.43	19.67	19.41	21.00
		HIGH	QPSK	19.45	19.26	19.57	21.00
25	LOW	QPSK	19.51	19.24	19.27	21.00	
5	1	LOW	Q16	19.59	19.27	19.40	21.00
		MID	Q16	19.66	19.50	19.60	21.00
		HIGH	Q16	19.71	19.58	19.48	21.00
	12	LOW	Q16	18.35	18.75	18.73	20.00
		MID	Q16	18.20	18.42	18.32	20.00
		HIGH	Q16	18.54	18.66	18.64	20.00
25	LOW	Q16	18.40	18.69	18.22	20.00	
5	1	LOW	64QAM	18.69	18.46	18.32	20.00
		MID	64QAM	18.27	18.44	18.52	20.00
		HIGH	64QAM	18.47	18.43	18.56	20.00
	12	LOW	64QAM	17.52	17.50	17.36	19.00
		MID	64QAM	17.39	17.72	17.48	19.00
		HIGH	64QAM	17.43	17.40	17.51	19.00
25	LOW	64QAM	17.65	17.70	17.37	19.00	
5	1	LOW	256QAM	15.59	15.36	15.35	17.00
		MID	256QAM	15.39	15.66	15.42	17.00
		HIGH	256QAM	15.41	15.31	15.53	17.00
	12	LOW	256QAM	15.26	15.63	15.39	17.00
		MID	256QAM	15.48	15.50	15.49	17.00
		HIGH	256QAM	15.39	15.46	15.58	17.00
25	LOW	256QAM	15.58	15.39	15.44	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10	1	LOW	QPSK	19.73	19.73	19.60	21.00
		MID	QPSK	19.70	19.69	19.62	21.00
		HIGH	QPSK	19.46	19.55	19.65	21.00
	25	LOW	QPSK	19.32	19.61	19.45	21.00
		MID	QPSK	19.25	19.40	19.29	21.00
		HIGH	QPSK	19.42	19.26	19.72	21.00
50	LOW	QPSK	19.49	19.29	19.39	21.00	
10	1	LOW	Q16	19.73	19.46	19.39	21.00
		MID	Q16	19.57	19.34	19.62	21.00
		HIGH	Q16	19.52	19.66	19.43	21.00
	25	LOW	Q16	18.54	18.68	18.67	20.00
		MID	Q16	18.38	18.48	18.41	20.00
		HIGH	Q16	18.48	18.54	18.48	20.00
50	LOW	Q16	18.53	18.59	18.46	20.00	
10	1	LOW	64QAM	18.62	18.72	18.35	20.00
		MID	64QAM	18.39	18.51	18.73	20.00
		HIGH	64QAM	18.41	18.45	18.47	20.00
	25	LOW	64QAM	17.59	17.24	17.47	19.00
		MID	64QAM	17.62	17.73	17.41	19.00
		HIGH	64QAM	17.43	17.45	17.50	19.00
50	LOW	64QAM	17.54	17.69	17.47	19.00	
10	1	LOW	256QAM	15.43	15.25	15.65	17.00
		MID	256QAM	15.54	15.62	15.44	17.00
		HIGH	256QAM	15.56	15.27	15.51	17.00
	25	LOW	256QAM	15.55	15.69	15.66	17.00
		MID	256QAM	15.27	15.58	15.46	17.00
		HIGH	256QAM	15.43	15.53	15.72	17.00
50	LOW	256QAM	15.67	15.37	15.40	17.00	

LTE B42-DSI2&3&4 -Ant.9							
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)
15	1	LOW	QPSK	19.46	19.53	19.43	21.00
		MID	QPSK	19.64	19.50	19.58	21.00
		HIGH	QPSK	19.50	19.60	19.52	21.00
	36	LOW	QPSK	19.45	19.75	19.66	21.00
		MID	QPSK	19.43	19.48	19.42	21.00
		HIGH	QPSK	19.38	19.28	19.77	21.00
75	LOW	QPSK	19.43	19.42	19.30	21.00	
15	1	LOW	Q16	19.65	19.36	19.58	21.00
		MID	Q16	19.58	19.53	19.52	21.00
		HIGH	Q16	19.68	19.59	19.47	21.00
	36	LOW	Q16	18.60	18.68	18.52	20.00
		MID	Q16	18.39	18.40	18.46	20.00
		HIGH	Q16	18.33	18.57	18.45	20.00
75	LOW	Q16	18.43	18.46	18.44	20.00	
15	1	LOW	64QAM	18.66	18.71	18.35	20.00
		MID	64QAM	18.25	18.37	18.73	20.00
		HIGH	64QAM	18.49	18.45	18.34	20.00
	36	LOW	64QAM	17.46	17.35	17.31	19.00
		MID	64QAM	17.63	17.79	17.50	19.00
		HIGH	64QAM	17.64	17.48	17.37	19.00
75	LOW	64QAM	17.69	17.48	17.29	19.00	
15	1	LOW	256QAM	15.63	15.41	15.60	17.00
		MID	256QAM	15.36	15.71	15.47	17.00
		HIGH	256QAM	15.53	15.49	15.73	17.00
	36	LOW	256QAM	15.36	15.70	15.60	17.00
		MID	256QAM	15.31	15.56	15.27	17.00
		HIGH	256QAM	15.47	15.63	15.71	17.00
75	LOW	256QAM	15.44	15.47	15.55	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20	1	LOW	QPSK	19.60	19.59	19.57	21.00
		MID	QPSK	19.59	19.56	19.57	21.00
		HIGH	QPSK	19.52	19.61	19.61	21.00
	50	LOW	QPSK	19.44	19.63	19.58	21.00
		MID	QPSK	19.37	19.53	19.38	21.00
		HIGH	QPSK	19.46	19.39	19.60	21.00
100	LOW	QPSK	19.47	19.39	19.36	21.00	
20	1	LOW	Q16	19.59	19.35	19.52	21.00
		MID	Q16	19.54	19.45	19.60	21.00
		HIGH	Q16	19.63	19.53	19.37	21.00
	50	LOW	Q16	18.46	18.63	18.61	20.00
		MID	Q16	18.35	18.54	18.37	20.00
		HIGH	Q16	18.48	18.64	18.55	20.00
100	LOW	Q16	18.45	18.60	18.36	20.00	
20	1	LOW	64QAM	18.61	18.59	18.40	20.00
		MID	64QAM	18.35	18.40	18.62	20.00
		HIGH	64QAM	18.49	18.36	18.42	20.00
	50	LOW	64QAM	17.57	17.35	17.41	19.00
		MID	64QAM	17.54	17.65	17.40	19.00
		HIGH	64QAM	17.54	17.42	17.49	19.00
100	LOW	64QAM	17.59	17.63	17.42	19.00	
20	1	LOW	256QAM	15.55	15.36	15.50	17.00
		MID	256QAM	15.40	15.63	15.40	17.00
		HIGH	256QAM	15.47	15.37	15.65	17.00
	50	LOW	256QAM	15.40	15.57	15.52	17.00
		MID	256QAM	15.38	15.47	15.40	17.00
		HIGH	256QAM	15.51	15.50	15.61	17.00
100	LOW	256QAM	15.56	15.42	15.53	17.00	

8.3.12 LTE Band42 Output Power(ENDC)

LTE B42-Full Power -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	24.06	24.12	24.34	25.50	
		MID	QPSK	24.04	24.23	24.24	25.50	
		HIGH	QPSK	24.38	24.53	24.49	25.50	
	12	LOW	QPSK	23.84	23.91	23.80	24.50	
		MID	QPSK	23.85	23.63	23.89	24.50	
		HIGH	QPSK	23.98	24.06	24.11	24.50	
	25	LOW	QPSK	23.86	24.04	23.67	24.50	
	5	1	LOW	Q16	24.07	23.66	23.80	24.50
			MID	Q16	23.93	23.74	24.05	24.50
HIGH			Q16	23.77	23.77	23.92	24.50	
12		LOW	Q16	23.13	22.80	22.79	23.50	
		MID	Q16	22.89	22.90	22.77	23.50	
		HIGH	Q16	22.95	22.93	23.07	23.50	
25		LOW	Q16	22.72	23.08	22.75	23.50	
5		1	LOW	64QAM	22.78	22.82	22.85	23.50
			MID	64QAM	22.80	22.87	22.90	23.50
	HIGH		64QAM	22.92	22.95	22.63	23.50	
	12	LOW	64QAM	21.93	21.78	21.92	22.50	
		MID	64QAM	22.24	21.77	22.00	22.50	
		HIGH	64QAM	21.80	21.68	22.16	22.50	
	25	LOW	64QAM	21.74	21.86	21.65	22.50	
	5	1	LOW	256QAM	19.99	19.96	20.09	20.50
			MID	256QAM	19.64	19.79	19.85	20.50
HIGH			256QAM	20.25	19.87	19.70	20.50	
12		LOW	256QAM	20.01	19.99	19.84	20.50	
		MID	256QAM	20.17	19.91	19.88	20.50	
		HIGH	256QAM	19.79	19.88	20.10	20.50	
25		LOW	256QAM	19.67	19.92	19.85	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	24.16	24.23	24.44	25.50
	MID		QPSK	24.09	24.37	24.24	25.50	
	HIGH		QPSK	24.28	24.58	24.43	25.50	
	25	LOW	QPSK	23.76	23.85	23.70	24.50	
		MID	QPSK	23.74	23.71	23.92	24.50	
		HIGH	QPSK	24.02	24.06	24.13	24.50	
50	LOW	QPSK	23.79	23.93	23.72	24.50		
10	1	LOW	Q16	23.87	23.96	24.01	24.50	
		MID	Q16	24.05	23.85	24.00	24.50	
		HIGH	Q16	23.87	23.71	23.80	24.50	
	25	LOW	Q16	22.92	22.91	22.81	23.50	
		MID	Q16	22.85	22.71	22.60	23.50	
		HIGH	Q16	22.98	22.88	22.88	23.50	
	50	LOW	Q16	22.66	22.81	22.77	23.50	
	10	1	LOW	64QAM	22.89	22.97	22.75	23.50
			MID	64QAM	23.09	22.91	22.99	23.50
HIGH			64QAM	22.95	22.87	22.88	23.50	
25		LOW	64QAM	21.87	21.86	21.79	22.50	
		MID	64QAM	22.28	21.96	21.78	22.50	
		HIGH	64QAM	21.72	21.67	22.14	22.50	
50		LOW	64QAM	21.78	22.13	21.67	22.50	
10		1	LOW	256QAM	19.83	19.87	20.05	20.50
			MID	256QAM	19.67	19.94	20.05	20.50
	HIGH		256QAM	20.09	19.95	19.76	20.50	
	25	LOW	256QAM	20.12	19.83	19.65	20.50	
		MID	256QAM	20.10	19.89	19.90	20.50	
		HIGH	256QAM	19.60	19.78	19.93	20.50	
	50	LOW	256QAM	19.90	19.69	19.78	20.50	

LTE B42-Full Power -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	24.06	24.37	24.34	25.50	
		MID	QPSK	24.11	24.28	24.13	25.50	
		HIGH	QPSK	24.40	24.51	24.41	25.50	
	36	LOW	QPSK	23.77	23.93	23.68	24.50	
		MID	QPSK	23.77	23.86	23.96	24.50	
		HIGH	QPSK	23.80	23.87	24.08	24.50	
	75	LOW	QPSK	23.93	23.93	23.73	24.50	
	15	1	LOW	Q16	24.14	23.74	23.93	24.50
			MID	Q16	23.85	23.96	24.06	24.50
HIGH			Q16	23.74	23.82	23.77	24.50	
36		LOW	Q16	23.13	22.83	23.01	23.50	
		MID	Q16	22.99	22.83	22.77	23.50	
		HIGH	Q16	22.89	22.93	22.89	23.50	
75		LOW	Q16	22.92	22.92	22.56	23.50	
15		1	LOW	64QAM	22.70	22.98	23.00	23.50
			MID	64QAM	22.80	22.93	22.73	23.50
	HIGH		64QAM	22.92	22.89	22.79	23.50	
	36	LOW	64QAM	22.08	21.86	21.88	22.50	
		MID	64QAM	22.15	22.01	22.02	22.50	
		HIGH	64QAM	21.69	21.81	21.99	22.50	
	75	LOW	64QAM	21.78	22.04	21.72	22.50	
	15	1	LOW	256QAM	20.00	19.83	19.88	20.50
			MID	256QAM	19.91	19.82	19.88	20.50
HIGH			256QAM	20.04	19.84	19.76	20.50	
36		LOW	256QAM	20.16	19.71	19.65	20.50	
		MID	256QAM	20.03	19.70	20.06	20.50	
		HIGH	256QAM	19.64	19.93	19.90	20.50	
75		LOW	256QAM	19.93	19.94	19.69	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	24.04	24.27	24.29	25.50
	MID		QPSK	24.18	24.36	24.22	25.50	
	HIGH		QPSK	24.28	24.48	24.39	25.50	
	50	LOW	QPSK	23.83	23.79	23.77	24.50	
		MID	QPSK	23.87	23.73	23.92	24.50	
		HIGH	QPSK	23.89	23.92	24.07	24.50	
	100	LOW	QPSK	23.81	23.91	23.78	24.50	
	20	1	LOW	Q16	24.00	23.81	23.88	24.50
			MID	Q16	23.97	23.88	23.92	24.50
HIGH			Q16	23.85	23.81	23.80	24.50	
50		LOW	Q16	23.00	22.92	22.91	23.50	
		MID	Q16	22.98	22.84	22.74	23.50	
		HIGH	Q16	22.89	22.87	22.97	23.50	
100		LOW	Q16	22.77	22.95	22.71	23.50	
20		1	LOW	64QAM	22.85	22.96	22.89	23.50
			MID	64QAM	22.94	22.85	22.85	23.50
	HIGH		64QAM	23.00	22.86	22.76	23.50	
	50	LOW	64QAM	21.96	21.78	21.79	22.50	
		MID	64QAM	22.13	21.87	21.89	22.50	
		HIGH	64QAM	21.77	21.80	22.04	22.50	
	100	LOW	64QAM	21.71	21.99	21.75	22.50	
	20	1	LOW	256QAM	19.88	19.87	19.98	20.50
			MID	256QAM	19.79	19.87	19.93	20.50
HIGH			256QAM	20.10	19.95	19.62	20.50	
50		LOW	256QAM	20.01	19.84	19.71	20.50	
		MID	256QAM	20.11	19.76	19.95	20.50	
		HIGH	256QAM	19.68	19.89	20.01	20.50	
100		LOW	256QAM	19.79	19.84	19.83	20.50	

LTE B42-DS1&5 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	14.08	13.93	13.94	15.50	
		MID	QPSK	13.83	14.20	14.07	15.50	
		HIGH	QPSK	13.99	14.20	13.91	15.50	
	12	LOW	QPSK	14.11	14.18	13.91	15.50	
		MID	QPSK	14.09	14.16	13.98	15.50	
		HIGH	QPSK	14.16	14.23	13.94	15.50	
	25	LOW	QPSK	14.11	14.07	14.05	15.50	
	5	1	LOW	Q16	14.16	14.05	14.04	15.50
			MID	Q16	14.24	14.01	14.01	15.50
HIGH			Q16	13.87	13.87	14.19	15.50	
12		LOW	Q16	13.80	13.93	14.13	15.50	
		MID	Q16	13.91	14.22	14.15	15.50	
		HIGH	Q16	14.00	14.10	14.14	15.50	
25		LOW	Q16	13.92	13.97	14.08	15.50	
5		1	LOW	64QAM	13.80	13.78	13.96	15.50
			MID	64QAM	14.17	14.08	13.94	15.50
	HIGH		64QAM	13.87	13.96	13.95	15.50	
	12	LOW	64QAM	13.93	14.15	14.11	15.50	
		MID	64QAM	13.92	14.00	13.76	15.50	
		HIGH	64QAM	13.81	13.98	14.00	15.50	
	25	LOW	64QAM	13.97	13.99	13.85	15.50	
	5	1	LOW	256QAM	13.97	13.89	13.87	15.50
			MID	256QAM	14.19	13.85	14.01	15.50
HIGH			256QAM	13.92	13.95	14.22	15.50	
12		LOW	256QAM	14.00	14.15	13.95	15.50	
		MID	256QAM	14.15	13.80	13.84	15.50	
		HIGH	256QAM	13.91	14.08	13.87	15.50	
25		LOW	256QAM	14.04	14.01	13.99	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	14.22	14.13	14.15	15.50
	MID		QPSK	13.93	14.04	13.92	15.50	
	HIGH		QPSK	14.19	14.05	14.15	15.50	
	25	LOW	QPSK	13.97	14.01	13.84	15.50	
		MID	QPSK	13.87	14.03	13.98	15.50	
		HIGH	QPSK	14.00	14.08	13.93	15.50	
	50	LOW	QPSK	14.16	13.96	13.97	15.50	
	10	1	LOW	Q16	14.05	14.28	14.11	15.50
			MID	Q16	14.12	14.19	14.09	15.50
HIGH			Q16	13.99	14.02	14.26	15.50	
25		LOW	Q16	13.81	13.87	13.95	15.50	
		MID	Q16	13.93	14.15	14.24	15.50	
		HIGH	Q16	13.84	14.16	14.30	15.50	
50		LOW	Q16	14.01	14.25	13.98	15.50	
10		1	LOW	64QAM	14.00	13.74	13.97	15.50
			MID	64QAM	14.06	14.17	13.94	15.50
	HIGH		64QAM	13.72	13.97	13.76	15.50	
	25	LOW	64QAM	14.03	14.23	14.20	15.50	
		MID	64QAM	14.04	13.86	13.75	15.50	
		HIGH	64QAM	14.07	13.87	14.00	15.50	
	50	LOW	64QAM	14.03	13.84	14.05	15.50	
	10	1	LOW	256QAM	13.97	13.83	13.94	15.50
			MID	256QAM	14.26	13.89	14.11	15.50
HIGH			256QAM	13.87	13.82	14.21	15.50	
25		LOW	256QAM	14.15	14.00	14.22	15.50	
		MID	256QAM	14.26	13.92	13.94	15.50	
		HIGH	256QAM	13.88	14.13	13.87	15.50	
50		LOW	256QAM	14.20	13.91	13.99	15.50	

LTE B42-DS1&5 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	13.93	14.05	13.95	15.50	
		MID	QPSK	14.03	14.15	14.01	15.50	
		HIGH	QPSK	13.90	14.01	14.10	15.50	
	36	LOW	QPSK	14.02	13.95	14.01	15.50	
		MID	QPSK	13.94	13.95	14.10	15.50	
		HIGH	QPSK	14.14	14.14	14.13	15.50	
	75	LOW	QPSK	14.13	14.03	13.91	15.50	
	15	1	LOW	Q16	13.98	14.09	14.09	15.50
			MID	Q16	13.97	14.16	13.90	15.50
HIGH			Q16	13.96	13.88	14.14	15.50	
36		LOW	Q16	13.93	13.99	14.03	15.50	
		MID	Q16	14.03	14.07	14.03	15.50	
		HIGH	Q16	14.04	13.97	14.16	15.50	
75		LOW	Q16	14.02	14.26	14.04	15.50	
15		1	LOW	64QAM	13.93	13.99	14.16	15.50
			MID	64QAM	13.96	14.03	13.88	15.50
	HIGH		64QAM	13.91	13.94	13.90	15.50	
	36	LOW	64QAM	13.89	14.11	14.08	15.50	
		MID	64QAM	14.03	14.00	13.74	15.50	
		HIGH	64QAM	13.86	14.08	14.05	15.50	
	75	LOW	64QAM	14.15	14.07	14.07	15.50	
	15	1	LOW	256QAM	14.08	13.99	13.90	15.50
			MID	256QAM	14.11	13.79	14.21	15.50
HIGH			256QAM	13.85	13.79	14.00	15.50	
36		LOW	256QAM	14.09	14.00	14.09	15.50	
		MID	256QAM	14.23	13.88	13.89	15.50	
		HIGH	256QAM	14.04	13.93	14.01	15.50	
75		LOW	256QAM	13.96	14.03	13.80	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	14.07	14.01	14.09	15.50
	MID		QPSK	13.94	14.13	13.94	15.50	
	HIGH		QPSK	14.05	14.12	14.03	15.50	
	50	LOW	QPSK	14.01	14.06	13.91	15.50	
		MID	QPSK	13.99	14.02	14.00	15.50	
		HIGH	QPSK	14.15	14.12	14.00	15.50	
	100	LOW	QPSK	14.12	14.11	13.92	15.50	
	20	1	LOW	Q16	14.07	14.14	13.99	15.50
			MID	Q16	14.12	14.08	13.96	15.50
HIGH			Q16	13.95	13.88	14.12	15.50	
50		LOW	Q16	13.85	13.87	13.98	15.50	
		MID	Q16	13.98	14.12	14.14	15.50	
		HIGH	Q16	13.94	14.08	14.15	15.50	
100		LOW	Q16	13.91	14.12	13.96	15.50	
20		1	LOW	64QAM	13.93	13.88	14.08	15.50
			MID	64QAM	14.07	14.03	13.98	15.50
	HIGH		64QAM	13.87	13.97	13.91	15.50	
	50	LOW	64QAM	13.97	14.10	14.15	15.50	
		MID	64QAM	13.91	14.00	13.86	15.50	
		HIGH	64QAM	13.92	14.01	14.13	15.50	
	100	LOW	64QAM	14.08	13.92	13.92	15.50	
	20	1	LOW	256QAM	14.05	13.88	13.89	15.50
			MID	256QAM	14.12	13.91	14.10	15.50
HIGH			256QAM	13.94	13.94	14.15	15.50	
50		LOW	256QAM	14.13	14.00	14.08	15.50	
		MID	256QAM	14.12	13.88	13.90	15.50	
		HIGH	256QAM	14.00	14.05	14.00	15.50	
100		LOW	256QAM	14.11	14.03	13.91	15.50	

LTE B42-DSI2&3&4 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	17.31	17.27	17.30	19.00	
		MID	QPSK	17.23	17.50	17.74	19.00	
		HIGH	QPSK	17.49	17.71	17.60	19.00	
	12	LOW	QPSK	17.47	17.60	17.30	19.00	
		MID	QPSK	17.36	17.79	17.76	19.00	
		HIGH	QPSK	17.63	17.46	17.62	19.00	
	25	LOW	QPSK	17.57	17.71	17.47	19.00	
	5	1	LOW	Q16	17.52	17.39	17.33	19.00
			MID	Q16	17.48	17.53	17.60	19.00
HIGH			Q16	17.67	17.54	17.45	19.00	
12		LOW	Q16	17.44	17.47	17.53	19.00	
		MID	Q16	17.47	17.51	17.48	19.00	
		HIGH	Q16	17.57	17.70	17.50	19.00	
25		LOW	Q16	17.57	17.72	17.59	19.00	
5		1	LOW	64QAM	17.60	17.52	17.44	19.00
			MID	64QAM	17.36	17.61	17.68	19.00
	HIGH		64QAM	17.37	17.53	17.47	19.00	
	12	LOW	64QAM	17.57	17.33	17.70	19.00	
		MID	64QAM	17.48	17.60	17.54	19.00	
		HIGH	64QAM	17.37	17.33	17.38	19.00	
	25	LOW	64QAM	17.53	17.51	17.48	19.00	
	5	1	LOW	256QAM	17.61	17.47	17.68	19.00
			MID	256QAM	17.31	17.62	17.61	19.00
HIGH			256QAM	17.48	17.62	17.68	19.00	
12		LOW	256QAM	17.64	17.51	17.70	19.00	
		MID	256QAM	17.64	17.44	17.73	19.00	
		HIGH	256QAM	17.25	17.54	17.58	19.00	
25		LOW	256QAM	17.50	17.63	17.53	19.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	17.38	17.47	17.31	19.00
	MID		QPSK	17.45	17.28	17.66	19.00	
	HIGH		QPSK	17.63	17.56	17.61	19.00	
	25	LOW	QPSK	17.48	17.64	17.40	19.00	
		MID	QPSK	17.43	17.65	17.52	19.00	
		HIGH	QPSK	17.54	17.57	17.69	19.00	
	50	LOW	QPSK	17.65	17.65	17.36	19.00	
	10	1	LOW	Q16	17.74	17.23	17.36	19.00
			MID	Q16	17.37	17.47	17.36	19.00
HIGH			Q16	17.52	17.48	17.35	19.00	
25		LOW	Q16	17.62	17.58	17.34	19.00	
		MID	Q16	17.52	17.41	17.45	19.00	
		HIGH	Q16	17.59	17.55	17.51	19.00	
50		LOW	Q16	17.34	17.59	17.59	19.00	
10		1	LOW	64QAM	17.62	17.53	17.58	19.00
			MID	64QAM	17.53	17.39	17.40	19.00
	HIGH		64QAM	17.58	17.50	17.35	19.00	
	25	LOW	64QAM	17.51	17.45	17.70	19.00	
		MID	64QAM	17.30	17.66	17.44	19.00	
		HIGH	64QAM	17.43	17.36	17.38	19.00	
	50	LOW	64QAM	17.40	17.35	17.50	19.00	
	10	1	LOW	256QAM	17.70	17.63	17.60	19.00
			MID	256QAM	17.54	17.53	17.54	19.00
HIGH			256QAM	17.53	17.55	17.59	19.00	
25		LOW	256QAM	17.76	17.61	17.55	19.00	
		MID	256QAM	17.53	17.42	17.73	19.00	
		HIGH	256QAM	17.31	17.46	17.56	19.00	
50		LOW	256QAM	17.68	17.60	17.62	19.00	

LTE B42-DSI2&3&4 -Ant.6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	17.42	17.33	17.55	19.00	
		MID	QPSK	17.44	17.27	17.73	19.00	
		HIGH	QPSK	17.43	17.75	17.57	19.00	
	36	LOW	QPSK	17.28	17.46	17.31	19.00	
		MID	QPSK	17.43	17.56	17.72	19.00	
		HIGH	QPSK	17.56	17.32	17.70	19.00	
	75	LOW	QPSK	17.58	17.68	17.43	19.00	
	15	1	LOW	Q16	17.59	17.37	17.26	19.00
			MID	Q16	17.36	17.72	17.52	19.00
HIGH			Q16	17.67	17.24	17.47	19.00	
36		LOW	Q16	17.57	17.67	17.58	19.00	
		MID	Q16	17.59	17.28	17.59	19.00	
		HIGH	Q16	17.73	17.72	17.26	19.00	
75		LOW	Q16	17.49	17.57	17.40	19.00	
15		1	LOW	64QAM	17.45	17.40	17.34	19.00
			MID	64QAM	17.46	17.38	17.40	19.00
	HIGH		64QAM	17.50	17.42	17.43	19.00	
	36	LOW	64QAM	17.47	17.40	17.45	19.00	
		MID	64QAM	17.28	17.55	17.56	19.00	
		HIGH	64QAM	17.56	17.57	17.64	19.00	
	75	LOW	64QAM	17.48	17.43	17.63	19.00	
	15	1	LOW	256QAM	17.74	17.57	17.70	19.00
			MID	256QAM	17.52	17.62	17.55	19.00
HIGH			256QAM	17.53	17.64	17.77	19.00	
36		LOW	256QAM	17.69	17.56	17.47	19.00	
		MID	256QAM	17.73	17.46	17.63	19.00	
		HIGH	256QAM	17.48	17.57	17.48	19.00	
75		LOW	256QAM	17.56	17.55	17.72	19.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	17.44	17.36	17.44	19.00
	MID		QPSK	17.36	17.35	17.62	19.00	
	HIGH		QPSK	17.52	17.64	17.53	19.00	
	50	LOW	QPSK	17.35	17.60	17.40	19.00	
		MID	QPSK	17.42	17.64	17.61	19.00	
		HIGH	QPSK	17.61	17.47	17.62	19.00	
	100	LOW	QPSK	17.56	17.56	17.44	19.00	
	20	1	LOW	Q16	17.65	17.36	17.36	19.00
			MID	Q16	17.37	17.59	17.47	19.00
HIGH			Q16	17.63	17.39	17.40	19.00	
50		LOW	Q16	17.48	17.60	17.44	19.00	
		MID	Q16	17.47	17.37	17.58	19.00	
		HIGH	Q16	17.60	17.60	17.39	19.00	
100		LOW	Q16	17.46	17.63	17.54	19.00	
20		1	LOW	64QAM	17.51	17.49	17.48	19.00
			MID	64QAM	17.38	17.53	17.53	19.00
	HIGH		64QAM	17.51	17.49	17.43	19.00	
	50	LOW	64QAM	17.58	17.38	17.58	19.00	
		MID	64QAM	17.42	17.58	17.56	19.00	
		HIGH	64QAM	17.52	17.44	17.51	19.00	
	100	LOW	64QAM	17.40	17.38	17.60	19.00	
	20	1	LOW	256QAM	17.59	17.59	17.57	19.00
			MID	256QAM	17.40	17.56	17.62	19.00
HIGH			256QAM	17.63	17.58	17.63	19.00	
50		LOW	256QAM	17.65	17.55	17.59	19.00	
		MID	256QAM	17.64	17.49	17.63	19.00	
		HIGH	256QAM	17.38	17.48	17.54	19.00	
100		LOW	256QAM	17.57	17.59	17.62	19.00	

8.3.12 LTE Band42 Output Power(ENDC)

LTE B42-Full Power -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.36	21.49	21.63	23.00	
		MID	QPSK	21.25	21.42	21.66	23.00	
		HIGH	QPSK	21.27	21.62	21.43	23.00	
	12	LOW	QPSK	20.45	20.75	20.51	22.00	
		MID	QPSK	20.64	20.63	20.51	22.00	
		HIGH	QPSK	20.73	20.62	20.32	22.00	
	25	LOW	QPSK	20.32	20.76	20.64	22.00	
	5	1	LOW	Q16	20.43	20.54	20.47	22.00
			MID	Q16	20.41	20.48	20.66	22.00
HIGH			Q16	20.54	20.51	20.59	22.00	
12		LOW	Q16	19.57	19.32	19.47	21.00	
		MID	Q16	19.46	19.68	19.55	21.00	
		HIGH	Q16	19.49	19.40	19.32	21.00	
25		LOW	Q16	19.32	19.50	19.45	21.00	
5		1	LOW	64QAM	19.55	19.58	19.72	21.00
			MID	64QAM	19.29	19.46	19.63	21.00
	HIGH		64QAM	19.49	19.37	19.61	21.00	
	12	LOW	64QAM	18.42	18.43	18.70	20.00	
		MID	64QAM	18.62	18.66	18.62	20.00	
		HIGH	64QAM	18.24	18.43	18.52	20.00	
	25	LOW	64QAM	18.74	18.51	18.35	20.00	
	5	1	LOW	256QAM	16.49	16.44	16.75	18.00
			MID	256QAM	16.45	16.56	16.57	18.00
HIGH			256QAM	16.33	16.54	16.55	18.00	
12		LOW	256QAM	16.24	16.24	16.46	18.00	
		MID	256QAM	16.78	16.53	16.60	18.00	
		HIGH	256QAM	16.25	16.44	16.47	18.00	
25		LOW	256QAM	16.36	16.28	16.26	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.47	21.55	21.49	23.00
	MID		QPSK	21.33	21.65	21.48	23.00	
	HIGH		QPSK	21.46	21.46	21.23	23.00	
	25	LOW	QPSK	20.53	20.52	20.24	22.00	
		MID	QPSK	20.48	20.41	20.41	22.00	
		HIGH	QPSK	20.65	20.48	20.50	22.00	
	50	LOW	QPSK	20.26	20.73	20.57	22.00	
	10	1	LOW	Q16	20.49	20.35	20.46	22.00
			MID	Q16	20.28	20.37	20.70	22.00
HIGH			Q16	20.41	20.40	20.59	22.00	
25		LOW	Q16	19.69	19.45	19.25	21.00	
		MID	Q16	19.32	19.58	19.44	21.00	
		HIGH	Q16	19.29	19.54	19.40	21.00	
50		LOW	Q16	19.57	19.26	19.65	21.00	
10		1	LOW	64QAM	19.53	19.70	19.66	21.00
			MID	64QAM	19.50	19.62	19.59	21.00
	HIGH		64QAM	19.58	19.38	19.38	21.00	
	25	LOW	64QAM	18.59	18.64	18.63	20.00	
		MID	64QAM	18.76	18.63	18.65	20.00	
		HIGH	64QAM	18.45	18.66	18.62	20.00	
	50	LOW	64QAM	18.73	18.76	18.21	20.00	
	10	1	LOW	256QAM	16.50	16.52	16.77	18.00
			MID	256QAM	16.47	16.59	16.63	18.00
HIGH			256QAM	16.58	16.44	16.61	18.00	
25		LOW	256QAM	16.50	16.39	16.49	18.00	
		MID	256QAM	16.77	16.41	16.60	18.00	
		HIGH	256QAM	16.37	16.55	16.58	18.00	
50		LOW	256QAM	16.46	16.29	16.26	18.00	

LTE B42-Full Power -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.31	21.73	21.45	23.00	
		MID	QPSK	21.26	21.49	21.63	23.00	
		HIGH	QPSK	21.25	21.44	21.31	23.00	
	36	LOW	QPSK	20.41	20.74	20.24	22.00	
		MID	QPSK	20.53	20.42	20.46	22.00	
		HIGH	QPSK	20.56	20.55	20.25	22.00	
	75	LOW	QPSK	20.54	20.61	20.74	22.00	
	15	1	LOW	Q16	20.49	20.40	20.47	22.00
			MID	Q16	20.25	20.54	20.64	22.00
HIGH			Q16	20.60	20.49	20.62	22.00	
36		LOW	Q16	19.51	19.52	19.27	21.00	
		MID	Q16	19.39	19.46	19.57	21.00	
		HIGH	Q16	19.44	19.34	19.40	21.00	
75		LOW	Q16	19.35	19.24	19.49	21.00	
15		1	LOW	64QAM	19.40	19.54	19.55	21.00
			MID	64QAM	19.46	19.64	19.56	21.00
	HIGH		64QAM	19.56	19.54	19.42	21.00	
	36	LOW	64QAM	18.51	18.54	18.79	20.00	
		MID	64QAM	18.65	18.39	18.66	20.00	
		HIGH	64QAM	18.35	18.63	18.46	20.00	
	75	LOW	64QAM	18.74	18.73	18.20	20.00	
	15	1	LOW	256QAM	16.41	16.44	16.50	18.00
			MID	256QAM	16.55	16.48	16.39	18.00
HIGH			256QAM	16.52	16.67	16.41	18.00	
36		LOW	256QAM	16.24	16.33	16.42	18.00	
		MID	256QAM	16.59	16.32	16.53	18.00	
		HIGH	256QAM	16.37	16.64	16.50	18.00	
75		LOW	256QAM	16.56	16.44	16.41	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.42	21.61	21.57	23.00
	MID		QPSK	21.35	21.50	21.55	23.00	
	HIGH		QPSK	21.40	21.47	21.35	23.00	
	50	LOW	QPSK	20.47	20.64	20.37	22.00	
		MID	QPSK	20.52	20.48	20.52	22.00	
		HIGH	QPSK	20.64	20.55	20.37	22.00	
	100	LOW	QPSK	20.39	20.61	20.59	22.00	
	20	1	LOW	Q16	20.42	20.48	20.53	22.00
			MID	Q16	20.40	20.39	20.60	22.00
HIGH			Q16	20.45	20.42	20.50	22.00	
50		LOW	Q16	19.57	19.37	19.40	21.00	
		MID	Q16	19.41	19.61	19.58	21.00	
		HIGH	Q16	19.36	19.42	19.36	21.00	
100		LOW	Q16	19.42	19.37	19.50	21.00	
20		1	LOW	64QAM	19.45	19.61	19.62	21.00
			MID	64QAM	19.43	19.58	19.48	21.00
	HIGH		64QAM	19.46	19.51	19.48	21.00	
	50	LOW	64QAM	18.51	18.53	18.65	20.00	
		MID	64QAM	18.62	18.51	18.58	20.00	
		HIGH	64QAM	18.39	18.54	18.59	20.00	
	100	LOW	64QAM	18.63	18.63	18.35	20.00	
	20	1	LOW	256QAM	16.48	16.37	16.62	18.00
			MID	256QAM	16.50	16.56	16.53	18.00
HIGH			256QAM	16.47	16.58	16.47	18.00	
50		LOW	256QAM	16.38	16.37	16.53	18.00	
		MID	256QAM	16.64	16.45	16.57	18.00	
		HIGH	256QAM	16.39	16.54	16.51	18.00	
100		LOW	256QAM	16.48	16.41	16.37	18.00	

LTE B42-DS1&5 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	15.31	15.41	15.34	17.00	
		MID	QPSK	15.17	15.40	15.40	17.00	
		HIGH	QPSK	15.44	15.20	15.23	17.00	
	12	LOW	QPSK	15.30	15.40	15.38	17.00	
		MID	QPSK	15.24	15.46	15.43	17.00	
		HIGH	QPSK	15.27	15.66	15.53	17.00	
	25	LOW	QPSK	15.30	15.24	15.34	17.00	
	5	1	LOW	Q16	15.51	15.19	15.45	17.00
			MID	Q16	15.52	15.60	15.16	17.00
HIGH			Q16	15.29	15.38	15.35	17.00	
12		LOW	Q16	15.19	15.52	15.47	17.00	
		MID	Q16	15.19	15.33	15.33	17.00	
		HIGH	Q16	15.40	15.46	15.53	17.00	
25		LOW	Q16	15.38	15.56	15.46	17.00	
5		1	LOW	64QAM	15.22	15.51	15.34	17.00
			MID	64QAM	15.25	15.21	15.46	17.00
	HIGH		64QAM	15.43	15.38	15.38	17.00	
	12	LOW	64QAM	15.44	15.60	15.61	17.00	
		MID	64QAM	15.32	15.50	15.53	17.00	
		HIGH	64QAM	15.56	15.59	15.20	17.00	
	25	LOW	64QAM	15.36	15.25	15.23	17.00	
	5	1	LOW	256QAM	15.52	15.36	15.53	17.00
			MID	256QAM	15.48	15.51	15.54	17.00
HIGH			256QAM	15.35	15.60	15.40	17.00	
12		LOW	256QAM	15.44	15.15	15.29	17.00	
		MID	256QAM	15.56	15.30	15.56	17.00	
		HIGH	256QAM	15.33	15.21	15.40	17.00	
25		LOW	256QAM	15.63	15.39	15.61	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	15.16	15.35	15.35	17.00
	MID		QPSK	15.44	15.21	15.38	17.00	
	HIGH		QPSK	15.28	15.28	15.15	17.00	
	25	LOW	QPSK	15.45	15.63	15.26	17.00	
		MID	QPSK	15.33	15.54	15.55	17.00	
		HIGH	QPSK	15.37	15.41	15.37	17.00	
50	LOW	QPSK	15.26	15.29	15.33	17.00		
10	1	LOW	Q16	15.45	15.39	15.68	17.00	
		MID	Q16	15.58	15.59	15.18	17.00	
		HIGH	Q16	15.38	15.53	15.56	17.00	
	25	LOW	Q16	15.41	15.49	15.42	17.00	
		MID	Q16	15.32	15.53	15.19	17.00	
		HIGH	Q16	15.29	15.46	15.70	17.00	
	50	LOW	Q16	15.53	15.42	15.46	17.00	
	10	1	LOW	64QAM	15.42	15.47	15.45	17.00
			MID	64QAM	15.45	15.15	15.37	17.00
HIGH			64QAM	15.32	15.43	15.59	17.00	
25		LOW	64QAM	15.17	15.59	15.52	17.00	
		MID	64QAM	15.37	15.62	15.38	17.00	
		HIGH	64QAM	15.49	15.70	15.19	17.00	
50		LOW	64QAM	15.45	15.51	15.19	17.00	
10		1	LOW	256QAM	15.46	15.15	15.52	17.00
			MID	256QAM	15.56	15.45	15.28	17.00
	HIGH		256QAM	15.39	15.50	15.30	17.00	
	25	LOW	256QAM	15.49	15.28	15.23	17.00	
		MID	256QAM	15.42	15.38	15.52	17.00	
		HIGH	256QAM	15.49	15.40	15.35	17.00	
	50	LOW	256QAM	15.53	15.47	15.49	17.00	

LTE B42-DS1&5 -Ant.7							
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)
15	1	LOW	QPSK	15.35	15.30	15.40	17.00
		MID	QPSK	15.45	15.30	15.11	17.00
		HIGH	QPSK	15.48	15.23	15.18	17.00
	36	LOW	QPSK	15.33	15.46	15.32	17.00
		MID	QPSK	15.38	15.27	15.58	17.00
		HIGH	QPSK	15.25	15.53	15.35	17.00
75	LOW	QPSK	15.13	15.27	15.43	17.00	
15	1	LOW	Q16	15.27	15.23	15.55	17.00
		MID	Q16	15.58	15.44	15.33	17.00
		HIGH	Q16	15.31	15.36	15.42	17.00
	36	LOW	Q16	15.15	15.47	15.31	17.00
		MID	Q16	15.28	15.51	15.34	17.00
		HIGH	Q16	15.18	15.65	15.62	17.00
75	LOW	Q16	15.39	15.36	15.34	17.00	
15	1	LOW	64QAM	15.14	15.37	15.30	17.00
		MID	64QAM	15.37	15.27	15.59	17.00
		HIGH	64QAM	15.46	15.53	15.54	17.00
	36	LOW	64QAM	15.40	15.38	15.31	17.00
		MID	64QAM	15.26	15.55	15.42	17.00
		HIGH	64QAM	15.26	15.57	15.23	17.00
75	LOW	64QAM	15.23	15.26	15.39	17.00	
15	1	LOW	256QAM	15.39	15.27	15.32	17.00
		MID	256QAM	15.40	15.39	15.26	17.00
		HIGH	256QAM	15.39	15.63	15.23	17.00
	36	LOW	256QAM	15.46	15.22	15.14	17.00
		MID	256QAM	15.35	15.31	15.62	17.00
		HIGH	256QAM	15.43	15.16	15.52	17.00
75	LOW	256QAM	15.53	15.37	15.51	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20	1	LOW	QPSK	15.25	15.34	15.29	17.00
		MID	QPSK	15.32	15.27	15.25	17.00
		HIGH	QPSK	15.41	15.26	15.30	17.00
	50	LOW	QPSK	15.37	15.50	15.37	17.00
		MID	QPSK	15.36	15.40	15.43	17.00
		HIGH	QPSK	15.39	15.53	15.44	17.00
100	LOW	QPSK	15.27	15.32	15.48	17.00	
20	1	LOW	Q16	15.41	15.29	15.55	17.00
		MID	Q16	15.52	15.50	15.31	17.00
		HIGH	Q16	15.38	15.39	15.46	17.00
	50	LOW	Q16	15.26	15.48	15.42	17.00
		MID	Q16	15.32	15.48	15.25	17.00
		HIGH	Q16	15.29	15.50	15.55	17.00
100	LOW	Q16	15.39	15.43	15.47	17.00	
20	1	LOW	64QAM	15.29	15.49	15.39	17.00
		MID	64QAM	15.30	15.27	15.45	17.00
		HIGH	64QAM	15.34	15.46	15.50	17.00
	50	LOW	64QAM	15.30	15.45	15.46	17.00
		MID	64QAM	15.27	15.52	15.39	17.00
		HIGH	64QAM	15.41	15.55	15.28	17.00
100	LOW	64QAM	15.32	15.40	15.27	17.00	
20	1	LOW	256QAM	15.50	15.27	15.41	17.00
		MID	256QAM	15.50	15.40	15.40	17.00
		HIGH	256QAM	15.25	15.50	15.33	17.00
	50	LOW	256QAM	15.37	15.27	15.25	17.00
		MID	256QAM	15.42	15.35	15.55	17.00
		HIGH	256QAM	15.48	15.27	15.48	17.00
100	LOW	256QAM	15.55	15.36	15.53	17.00	

LTE B42-DSI2&4 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.36	21.49	21.63	23.00	
		MID	QPSK	21.25	21.42	21.66	23.00	
		HIGH	QPSK	21.27	21.62	21.43	23.00	
	12	LOW	QPSK	20.45	20.75	20.51	22.00	
		MID	QPSK	20.64	20.63	20.51	22.00	
		HIGH	QPSK	20.73	20.62	20.32	22.00	
	25	LOW	QPSK	20.32	20.76	20.64	22.00	
	5	1	LOW	Q16	20.43	20.54	20.47	22.00
			MID	Q16	20.41	20.48	20.66	22.00
HIGH			Q16	20.54	20.51	20.59	22.00	
12		LOW	Q16	19.57	19.32	19.47	21.00	
		MID	Q16	19.46	19.68	19.55	21.00	
		HIGH	Q16	19.49	19.40	19.32	21.00	
25		LOW	Q16	19.32	19.50	19.45	21.00	
5		1	LOW	64QAM	19.55	19.58	19.72	21.00
			MID	64QAM	19.29	19.46	19.63	21.00
	HIGH		64QAM	19.49	19.37	19.61	21.00	
	12	LOW	64QAM	18.42	18.43	18.70	20.00	
		MID	64QAM	18.62	18.66	18.62	20.00	
		HIGH	64QAM	18.24	18.43	18.52	20.00	
	25	LOW	64QAM	18.74	18.51	18.35	20.00	
	5	1	LOW	256QAM	16.49	16.44	16.75	18.00
			MID	256QAM	16.45	16.56	16.57	18.00
HIGH			256QAM	16.33	16.54	16.55	18.00	
12		LOW	256QAM	16.24	16.24	16.46	18.00	
		MID	256QAM	16.78	16.53	16.60	18.00	
		HIGH	256QAM	16.25	16.44	16.47	18.00	
25		LOW	256QAM	16.36	16.28	16.26	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.47	21.55	21.49	23.00
	MID		QPSK	21.33	21.65	21.48	23.00	
	HIGH		QPSK	21.46	21.46	21.23	23.00	
	25	LOW	QPSK	20.53	20.52	20.24	22.00	
		MID	QPSK	20.48	20.41	20.41	22.00	
		HIGH	QPSK	20.65	20.48	20.50	22.00	
	50	LOW	QPSK	20.26	20.73	20.57	22.00	
	10	1	LOW	Q16	20.49	20.35	20.46	22.00
			MID	Q16	20.28	20.37	20.70	22.00
HIGH			Q16	20.41	20.40	20.59	22.00	
25		LOW	Q16	19.69	19.45	19.25	21.00	
		MID	Q16	19.32	19.58	19.44	21.00	
		HIGH	Q16	19.29	19.54	19.40	21.00	
50		LOW	Q16	19.57	19.26	19.65	21.00	
10		1	LOW	64QAM	19.53	19.70	19.66	21.00
			MID	64QAM	19.50	19.62	19.59	21.00
	HIGH		64QAM	19.58	19.38	19.38	21.00	
	25	LOW	64QAM	18.59	18.64	18.63	20.00	
		MID	64QAM	18.76	18.63	18.65	20.00	
		HIGH	64QAM	18.45	18.66	18.62	20.00	
	50	LOW	64QAM	18.73	18.76	18.21	20.00	
	10	1	LOW	256QAM	16.50	16.52	16.77	18.00
			MID	256QAM	16.47	16.59	16.63	18.00
HIGH			256QAM	16.58	16.44	16.61	18.00	
25		LOW	256QAM	16.50	16.39	16.49	18.00	
		MID	256QAM	16.77	16.41	16.60	18.00	
		HIGH	256QAM	16.37	16.55	16.58	18.00	
50		LOW	256QAM	16.46	16.29	16.26	18.00	

LTE B42-DSI2&4 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.31	21.73	21.45	23.00	
		MID	QPSK	21.26	21.49	21.63	23.00	
		HIGH	QPSK	21.25	21.44	21.31	23.00	
	36	LOW	QPSK	20.41	20.74	20.24	22.00	
		MID	QPSK	20.53	20.42	20.46	22.00	
		HIGH	QPSK	20.56	20.55	20.25	22.00	
	75	LOW	QPSK	20.54	20.61	20.74	22.00	
	15	1	LOW	Q16	20.49	20.40	20.47	22.00
			MID	Q16	20.25	20.54	20.64	22.00
HIGH			Q16	20.60	20.49	20.62	22.00	
36		LOW	Q16	19.51	19.52	19.27	21.00	
		MID	Q16	19.39	19.46	19.57	21.00	
		HIGH	Q16	19.44	19.34	19.40	21.00	
75		LOW	Q16	19.35	19.24	19.49	21.00	
15		1	LOW	64QAM	19.40	19.54	19.55	21.00
			MID	64QAM	19.46	19.64	19.56	21.00
	HIGH		64QAM	19.56	19.54	19.42	21.00	
	36	LOW	64QAM	18.51	18.54	18.79	20.00	
		MID	64QAM	18.65	18.39	18.66	20.00	
		HIGH	64QAM	18.35	18.63	18.46	20.00	
	75	LOW	64QAM	18.74	18.73	18.20	20.00	
	15	1	LOW	256QAM	16.41	16.44	16.50	18.00
			MID	256QAM	16.55	16.48	16.39	18.00
HIGH			256QAM	16.52	16.67	16.41	18.00	
36		LOW	256QAM	16.24	16.33	16.42	18.00	
		MID	256QAM	16.59	16.32	16.53	18.00	
		HIGH	256QAM	16.37	16.64	16.50	18.00	
75		LOW	256QAM	16.56	16.44	16.41	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.42	21.61	21.57	23.00
	MID		QPSK	21.35	21.50	21.55	23.00	
	HIGH		QPSK	21.40	21.47	21.35	23.00	
	50	LOW	QPSK	20.47	20.64	20.37	22.00	
		MID	QPSK	20.52	20.48	20.52	22.00	
		HIGH	QPSK	20.64	20.55	20.37	22.00	
	100	LOW	QPSK	20.39	20.61	20.59	22.00	
	20	1	LOW	Q16	20.42	20.48	20.53	22.00
			MID	Q16	20.40	20.39	20.60	22.00
HIGH			Q16	20.45	20.42	20.50	22.00	
50		LOW	Q16	19.57	19.37	19.40	21.00	
		MID	Q16	19.41	19.61	19.58	21.00	
		HIGH	Q16	19.36	19.42	19.36	21.00	
100		LOW	Q16	19.42	19.37	19.50	21.00	
20		1	LOW	64QAM	19.45	19.61	19.62	21.00
			MID	64QAM	19.43	19.58	19.48	21.00
	HIGH		64QAM	19.46	19.51	19.48	21.00	
	50	LOW	64QAM	18.51	18.53	18.65	20.00	
		MID	64QAM	18.62	18.51	18.58	20.00	
		HIGH	64QAM	18.39	18.54	18.59	20.00	
	100	LOW	64QAM	18.63	18.63	18.35	20.00	
	20	1	LOW	256QAM	16.48	16.37	16.62	18.00
			MID	256QAM	16.50	16.56	16.53	18.00
HIGH			256QAM	16.47	16.58	16.47	18.00	
50		LOW	256QAM	16.38	16.37	16.53	18.00	
		MID	256QAM	16.64	16.45	16.57	18.00	
		HIGH	256QAM	16.39	16.54	16.51	18.00	
100		LOW	256QAM	16.48	16.41	16.37	18.00	

LTE B42-DSI3 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	19.10	18.91	19.19	20.50	
		MID	QPSK	19.05	19.27	19.00	20.50	
		HIGH	QPSK	19.11	19.15	18.92	20.50	
	12	LOW	QPSK	19.14	19.27	19.13	20.50	
		MID	QPSK	19.11	18.96	18.93	20.50	
		HIGH	QPSK	18.94	19.04	19.07	20.50	
	25	LOW	QPSK	18.99	18.85	18.71	20.50	
	5	1	LOW	Q16	19.11	19.12	19.11	20.50
			MID	Q16	19.06	19.16	18.79	20.50
HIGH			Q16	18.91	18.96	19.08	20.50	
12		LOW	Q16	18.95	19.18	18.92	20.50	
		MID	Q16	19.19	18.85	19.20	20.50	
		HIGH	Q16	19.09	19.07	19.04	20.50	
25		LOW	Q16	19.20	19.22	18.92	20.50	
5		1	LOW	64QAM	18.80	19.02	18.89	20.50
			MID	64QAM	19.04	19.16	18.98	20.50
	HIGH		64QAM	18.90	19.10	19.02	20.50	
	12	LOW	64QAM	18.43	18.30	18.54	20.00	
		MID	64QAM	18.27	18.39	18.32	20.00	
		HIGH	64QAM	18.46	18.62	18.42	20.00	
	25	LOW	64QAM	18.70	18.55	18.68	20.00	
	5	1	LOW	256QAM	16.46	16.47	16.27	18.00
			MID	256QAM	16.53	16.36	16.22	18.00
HIGH			256QAM	16.68	16.45	16.62	18.00	
12		LOW	256QAM	16.51	16.48	16.50	18.00	
		MID	256QAM	16.46	16.37	16.52	18.00	
		HIGH	256QAM	16.60	16.74	16.40	18.00	
25		LOW	256QAM	16.56	16.34	16.71	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	18.94	19.10	19.07	20.50
	MID		QPSK	19.10	19.29	19.08	20.50	
	HIGH		QPSK	18.87	18.94	18.88	20.50	
	25	LOW	QPSK	19.07	19.17	18.97	20.50	
		MID	QPSK	19.16	18.99	18.86	20.50	
		HIGH	QPSK	18.84	19.13	18.94	20.50	
	50	LOW	QPSK	19.15	18.80	18.72	20.50	
	10	1	LOW	Q16	19.02	19.02	19.03	20.50
			MID	Q16	19.13	19.06	18.78	20.50
HIGH			Q16	18.78	18.84	19.15	20.50	
25		LOW	Q16	18.89	19.09	18.84	20.50	
		MID	Q16	19.10	18.77	19.12	20.50	
		HIGH	Q16	18.96	18.91	19.28	20.50	
50		LOW	Q16	18.95	18.93	19.05	20.50	
10		1	LOW	64QAM	18.83	18.93	19.04	20.50
			MID	64QAM	18.92	19.12	18.91	20.50
	HIGH		64QAM	19.00	18.96	18.74	20.50	
	25	LOW	64QAM	18.58	18.46	18.73	20.00	
		MID	64QAM	18.42	18.35	18.52	20.00	
		HIGH	64QAM	18.43	18.55	18.50	20.00	
	50	LOW	64QAM	18.57	18.60	18.56	20.00	
	10	1	LOW	256QAM	16.51	16.40	16.38	18.00
			MID	256QAM	16.57	16.37	16.52	18.00
HIGH			256QAM	16.45	16.42	16.63	18.00	
25		LOW	256QAM	16.49	16.28	16.50	18.00	
		MID	256QAM	16.54	16.53	16.72	18.00	
		HIGH	256QAM	16.49	16.49	16.36	18.00	
50		LOW	256QAM	16.52	16.43	16.58	18.00	

LTE B42-DSI3 -Ant.7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	19.13	18.91	19.00	20.50	
		MID	QPSK	19.20	19.11	18.97	20.50	
		HIGH	QPSK	19.13	19.15	18.91	20.50	
	36	LOW	QPSK	19.07	19.12	19.00	20.50	
		MID	QPSK	19.15	18.84	18.73	20.50	
		HIGH	QPSK	18.71	19.16	19.17	20.50	
	75	LOW	QPSK	19.09	18.89	18.92	20.50	
	15	1	LOW	Q16	19.19	19.06	19.19	20.50
			MID	Q16	19.05	19.06	18.84	20.50
HIGH			Q16	18.81	19.08	19.15	20.50	
36		LOW	Q16	19.11	19.14	18.93	20.50	
		MID	Q16	19.12	18.77	19.22	20.50	
		HIGH	Q16	19.14	19.07	19.02	20.50	
75		LOW	Q16	19.02	19.02	19.03	20.50	
15		1	LOW	64QAM	18.87	18.92	19.01	20.50
			MID	64QAM	19.04	19.26	19.00	20.50
	HIGH		64QAM	18.81	19.10	18.88	20.50	
	36	LOW	64QAM	18.52	18.50	18.59	20.00	
		MID	64QAM	18.22	18.32	18.33	20.00	
		HIGH	64QAM	18.35	18.41	18.53	20.00	
	75	LOW	64QAM	18.46	18.59	18.61	20.00	
	15	1	LOW	256QAM	16.30	16.49	16.43	18.00
			MID	256QAM	16.53	16.40	16.30	18.00
HIGH			256QAM	16.66	16.44	16.67	18.00	
36		LOW	256QAM	16.42	16.50	16.31	18.00	
		MID	256QAM	16.35	16.51	16.68	18.00	
		HIGH	256QAM	16.49	16.52	16.40	18.00	
75		LOW	256QAM	16.50	16.32	16.47	18.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	19.07	18.97	19.08	20.50
	MID		QPSK	19.05	19.14	18.95	20.50	
	HIGH		QPSK	19.02	19.03	18.92	20.50	
	50	LOW	QPSK	19.10	19.15	19.09	20.50	
		MID	QPSK	19.05	18.87	18.87	20.50	
		HIGH	QPSK	18.86	19.10	19.08	20.50	
	100	LOW	QPSK	19.03	18.91	18.86	20.50	
	20	1	LOW	Q16	19.14	19.04	19.13	20.50
			MID	Q16	19.06	19.03	18.87	20.50
HIGH			Q16	18.88	18.97	19.12	20.50	
50		LOW	Q16	18.96	19.08	18.95	20.50	
		MID	Q16	19.05	18.91	19.08	20.50	
		HIGH	Q16	19.11	18.97	19.15	20.50	
100		LOW	Q16	19.07	19.07	19.03	20.50	
20		1	LOW	64QAM	18.93	18.95	18.89	20.50
			MID	64QAM	18.97	19.11	19.03	20.50
	HIGH		64QAM	18.88	19.10	18.87	20.50	
	50	LOW	64QAM	18.51	18.35	18.64	20.00	
		MID	64QAM	18.36	18.43	18.41	20.00	
		HIGH	64QAM	18.50	18.54	18.45	20.00	
	100	LOW	64QAM	18.57	18.65	18.65	20.00	
	20	1	LOW	256QAM	16.36	16.53	16.39	18.00
			MID	256QAM	16.63	16.40	16.37	18.00
HIGH			256QAM	16.58	16.42	16.64	18.00	
50		LOW	256QAM	16.46	16.43	16.42	18.00	
		MID	256QAM	16.42	16.45	16.57	18.00	
		HIGH	256QAM	16.55	16.63	16.51	18.00	
100		LOW	256QAM	16.52	16.46	16.56	18.00	

8.3.12 LTE Band42 Output Power(ENDC)

LTE B42-Full Power -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.62	23.96	23.94	25.50	
		MID	QPSK	23.79	23.73	23.66	25.50	
		HIGH	QPSK	23.65	23.82	23.83	25.50	
	12	LOW	QPSK	22.85	22.90	22.75	24.50	
		MID	QPSK	22.51	22.70	22.57	24.50	
		HIGH	QPSK	22.77	22.73	22.67	24.50	
	25	LOW	QPSK	22.62	22.83	22.57	24.50	
	5	1	LOW	Q16	22.59	22.66	22.63	24.50
			MID	Q16	22.55	22.73	22.73	24.50
HIGH			Q16	22.92	22.70	22.68	24.50	
12		LOW	Q16	21.82	21.87	21.57	23.50	
		MID	Q16	21.62	21.91	21.94	23.50	
		HIGH	Q16	21.72	21.94	21.97	23.50	
25		LOW	Q16	21.78	21.86	21.76	23.50	
5		1	LOW	64QAM	21.61	21.74	21.82	23.50
			MID	64QAM	21.72	21.52	21.60	23.50
	HIGH		64QAM	21.84	21.88	21.53	23.50	
	12	LOW	64QAM	20.85	20.84	20.57	22.50	
		MID	64QAM	20.77	20.93	20.76	22.50	
		HIGH	64QAM	20.82	20.78	20.98	22.50	
	25	LOW	64QAM	20.89	20.55	20.80	22.50	
	5	1	LOW	256QAM	18.72	18.74	18.58	20.50
			MID	256QAM	18.88	18.70	18.77	20.50
HIGH			256QAM	18.78	18.70	18.56	20.50	
12		LOW	256QAM	18.68	18.68	18.69	20.50	
		MID	256QAM	18.84	18.65	18.95	20.50	
		HIGH	256QAM	18.80	18.70	19.09	20.50	
25		LOW	256QAM	18.69	18.55	18.54	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	23.53	23.72	23.66	25.50
	MID		QPSK	23.88	23.70	23.70	25.50	
	HIGH		QPSK	23.87	23.74	23.80	25.50	
	25	LOW	QPSK	22.81	22.70	22.81	24.50	
		MID	QPSK	22.57	22.73	22.57	24.50	
		HIGH	QPSK	22.87	22.67	22.71	24.50	
	50	LOW	QPSK	22.79	22.66	22.67	24.50	
	10	1	LOW	Q16	22.73	22.60	22.81	24.50
			MID	Q16	22.72	22.66	22.82	24.50
HIGH			Q16	22.70	22.70	22.51	24.50	
25		LOW	Q16	22.09	21.88	21.87	23.50	
		MID	Q16	21.90	21.76	21.94	23.50	
		HIGH	Q16	21.76	21.72	21.97	23.50	
50		LOW	Q16	21.82	21.67	21.78	23.50	
10		1	LOW	64QAM	21.55	21.83	21.59	23.50
			MID	64QAM	21.92	21.78	21.75	23.50
	HIGH		64QAM	21.64	21.65	21.64	23.50	
	25	LOW	64QAM	20.71	20.80	20.79	22.50	
		MID	64QAM	20.80	20.91	21.02	22.50	
		HIGH	64QAM	20.77	20.76	21.17	22.50	
	50	LOW	64QAM	20.95	20.70	20.84	22.50	
	10	1	LOW	256QAM	18.59	18.69	18.62	20.50
			MID	256QAM	18.91	18.69	18.81	20.50
HIGH			256QAM	18.76	18.65	18.51	20.50	
25		LOW	256QAM	18.68	18.65	18.68	20.50	
		MID	256QAM	18.81	18.81	18.79	20.50	
		HIGH	256QAM	18.58	18.66	19.23	20.50	
50		LOW	256QAM	18.67	18.55	18.70	20.50	

LTE B42-Full Power -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.81	23.78	23.65	25.50	
		MID	QPSK	23.89	23.92	23.65	25.50	
		HIGH	QPSK	23.87	23.80	23.97	25.50	
	36	LOW	QPSK	22.68	22.91	22.86	24.50	
		MID	QPSK	22.66	22.68	22.77	24.50	
		HIGH	QPSK	22.78	22.62	22.65	24.50	
	75	LOW	QPSK	22.71	22.63	22.77	24.50	
	15	1	LOW	Q16	22.73	22.77	22.79	24.50
			MID	Q16	22.50	22.81	22.67	24.50
HIGH			Q16	22.87	22.70	22.65	24.50	
36		LOW	Q16	21.88	21.95	21.71	23.50	
		MID	Q16	21.87	21.87	21.95	23.50	
		HIGH	Q16	21.72	21.92	21.93	23.50	
75		LOW	Q16	21.77	21.91	21.78	23.50	
15		1	LOW	64QAM	21.54	21.76	21.88	23.50
			MID	64QAM	21.65	21.57	21.79	23.50
	HIGH		64QAM	21.63	21.76	21.66	23.50	
	36	LOW	64QAM	20.90	20.68	20.65	22.50	
		MID	64QAM	20.64	20.72	20.93	22.50	
		HIGH	64QAM	20.85	20.61	21.03	22.50	
	75	LOW	64QAM	20.92	20.63	20.77	22.50	
	15	1	LOW	256QAM	18.72	18.71	18.60	20.50
			MID	256QAM	18.82	18.51	18.78	20.50
HIGH			256QAM	18.78	18.85	18.60	20.50	
36		LOW	256QAM	18.60	18.80	18.57	20.50	
		MID	256QAM	18.91	18.80	18.84	20.50	
		HIGH	256QAM	18.81	18.79	19.08	20.50	
75		LOW	256QAM	18.88	18.55	18.53	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	23.68	23.85	23.80	25.50
	MID		QPSK	23.78	23.82	23.79	25.50	
	HIGH		QPSK	23.76	23.87	23.84	25.50	
	50	LOW	QPSK	22.75	22.76	22.89	24.50	
		MID	QPSK	22.65	22.75	22.68	24.50	
		HIGH	QPSK	22.79	22.73	22.66	24.50	
	100	LOW	QPSK	22.74	22.78	22.72	24.50	
	20	1	LOW	Q16	22.69	22.74	22.69	24.50
			MID	Q16	22.65	22.75	22.68	24.50
HIGH			Q16	22.83	22.68	22.53	24.50	
50		LOW	Q16	21.94	21.87	21.72	23.50	
		MID	Q16	21.76	21.79	21.86	23.50	
		HIGH	Q16	21.83	21.85	21.96	23.50	
100		LOW	Q16	21.91	21.79	21.65	23.50	
20		1	LOW	64QAM	21.69	21.75	21.74	23.50
			MID	64QAM	21.79	21.67	21.75	23.50
	HIGH		64QAM	21.77	21.73	21.56	23.50	
	50	LOW	64QAM	20.80	20.76	20.64	22.50	
		MID	64QAM	20.65	20.83	20.90	22.50	
		HIGH	64QAM	20.78	20.72	21.07	22.50	
	100	LOW	64QAM	20.81	20.67	20.69	22.50	
	20	1	LOW	256QAM	18.60	18.72	18.63	20.50
			MID	256QAM	18.88	18.62	18.79	20.50
HIGH			256QAM	18.70	18.80	18.66	20.50	
50		LOW	256QAM	18.65	18.66	18.65	20.50	
		MID	256QAM	18.77	18.71	18.89	20.50	
		HIGH	256QAM	18.66	18.77	19.11	20.50	
100		LOW	256QAM	18.78	18.62	18.56	20.50	

LTE B42-DS11 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	23.11	22.93	22.89	24.50	
		MID	QPSK	22.78	22.98	22.76	24.50	
		HIGH	QPSK	22.74	22.97	22.72	24.50	
	12	LOW	QPSK	23.03	23.06	22.97	24.50	
		MID	QPSK	23.01	23.00	22.85	24.50	
		HIGH	QPSK	22.76	22.91	22.84	24.50	
	25	LOW	QPSK	23.19	22.94	22.91	24.50	
	5	1	LOW	Q16	22.83	23.02	22.93	24.50
			MID	Q16	23.12	23.06	22.98	24.50
HIGH			Q16	22.94	22.89	22.88	24.50	
12		LOW	Q16	21.77	22.07	21.96	23.50	
		MID	Q16	22.15	21.82	22.00	23.50	
		HIGH	Q16	21.73	21.85	21.73	23.50	
25		LOW	Q16	22.04	21.85	22.15	23.50	
5		1	LOW	64QAM	21.98	22.00	21.89	23.50
			MID	64QAM	21.84	21.80	21.95	23.50
	HIGH		64QAM	21.87	22.03	21.69	23.50	
	12	LOW	64QAM	21.06	21.13	20.90	22.50	
		MID	64QAM	21.02	21.07	20.98	22.50	
		HIGH	64QAM	21.12	20.89	20.98	22.50	
	25	LOW	64QAM	21.11	20.85	20.69	22.50	
	5	1	LOW	256QAM	18.88	18.69	18.97	20.50
			MID	256QAM	18.80	18.82	18.96	20.50
HIGH			256QAM	18.73	19.12	18.95	20.50	
12		LOW	256QAM	18.81	18.99	19.00	20.50	
		MID	256QAM	18.97	18.74	18.86	20.50	
		HIGH	256QAM	18.90	18.72	18.70	20.50	
25		LOW	256QAM	18.83	18.74	18.67	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	22.95	22.71	23.07	24.50
	MID		QPSK	22.96	23.16	22.83	24.50	
	HIGH		QPSK	22.82	22.86	22.75	24.50	
	25	LOW	QPSK	23.12	22.91	23.10	24.50	
		MID	QPSK	22.93	22.90	22.96	24.50	
		HIGH	QPSK	22.79	22.84	23.00	24.50	
50	LOW	QPSK	23.14	23.00	23.09	24.50		
10	1	LOW	Q16	22.98	22.91	23.13	24.50	
		MID	Q16	23.16	23.01	22.99	24.50	
		HIGH	Q16	22.80	22.82	22.86	24.50	
	25	LOW	Q16	21.84	21.88	21.80	23.50	
		MID	Q16	22.11	21.87	22.10	23.50	
		HIGH	Q16	21.91	21.88	21.79	23.50	
50	LOW	Q16	22.09	21.96	21.92	23.50		
10	1	LOW	64QAM	21.94	21.91	21.88	23.50	
		MID	64QAM	21.93	21.86	21.76	23.50	
		HIGH	64QAM	21.87	22.01	21.72	23.50	
	25	LOW	64QAM	20.98	21.14	20.86	22.50	
		MID	64QAM	20.94	20.94	20.80	22.50	
		HIGH	64QAM	21.14	20.69	21.04	22.50	
50	LOW	64QAM	20.86	20.88	20.67	22.50		
10	1	LOW	256QAM	18.97	18.63	19.09	20.50	
		MID	256QAM	18.96	18.83	19.10	20.50	
		HIGH	256QAM	18.73	19.10	18.94	20.50	
	25	LOW	256QAM	18.82	18.96	19.07	20.50	
		MID	256QAM	19.15	18.92	18.72	20.50	
		HIGH	256QAM	18.93	18.87	18.70	20.50	
50	LOW	256QAM	18.67	18.70	18.68	20.50		

LTE B42-DS11 -Ant.8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	23.03	22.64	22.97	24.50	
		MID	QPSK	22.80	22.94	22.71	24.50	
		HIGH	QPSK	22.76	22.78	22.80	24.50	
	36	LOW	QPSK	22.90	22.98	23.14	24.50	
		MID	QPSK	23.04	23.05	22.87	24.50	
		HIGH	QPSK	22.87	22.71	22.85	24.50	
	75	LOW	QPSK	22.98	23.03	23.14	24.50	
	15	1	LOW	Q16	22.95	22.91	23.10	24.50
			MID	Q16	22.87	23.08	23.07	24.50
HIGH			Q16	22.95	22.88	22.90	24.50	
36		LOW	Q16	21.76	21.98	21.99	23.50	
		MID	Q16	22.11	21.82	21.93	23.50	
		HIGH	Q16	21.77	21.95	21.86	23.50	
75		LOW	Q16	21.90	21.88	22.13	23.50	
15		1	LOW	64QAM	21.91	22.03	21.97	23.50
			MID	64QAM	21.87	22.10	21.71	23.50
	HIGH		64QAM	22.00	21.85	21.67	23.50	
	36	LOW	64QAM	20.95	20.97	20.82	22.50	
		MID	64QAM	21.14	21.11	20.70	22.50	
		HIGH	64QAM	20.92	20.75	20.80	22.50	
	75	LOW	64QAM	21.01	20.84	20.82	22.50	
	15	1	LOW	256QAM	19.00	18.91	19.07	20.50
			MID	256QAM	18.91	19.05	19.04	20.50
HIGH			256QAM	18.71	18.92	19.01	20.50	
36		LOW	256QAM	18.95	18.95	18.95	20.50	
		MID	256QAM	19.08	18.87	18.81	20.50	
		HIGH	256QAM	18.76	18.77	18.81	20.50	
75		LOW	256QAM	18.79	18.92	18.93	20.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	22.97	22.79	23.03	24.50
	MID		QPSK	22.83	23.01	22.86	24.50	
	HIGH		QPSK	22.75	22.83	22.86	24.50	
	50	LOW	QPSK	23.02	23.01	22.99	24.50	
		MID	QPSK	22.91	22.92	23.00	24.50	
		HIGH	QPSK	22.89	22.84	22.93	24.50	
	100	LOW	QPSK	23.04	23.01	23.04	24.50	
	20	1	LOW	Q16	22.85	23.03	23.00	24.50
			MID	Q16	23.01	22.96	23.05	24.50
HIGH			Q16	22.83	22.97	22.80	24.50	
50		LOW	Q16	21.87	21.95	21.90	23.50	
		MID	Q16	22.00	21.80	21.95	23.50	
		HIGH	Q16	21.78	21.94	21.84	23.50	
100		LOW	Q16	22.02	21.88	22.04	23.50	
20		1	LOW	64QAM	21.92	21.90	21.87	23.50
			MID	64QAM	21.99	21.95	21.80	23.50
	HIGH		64QAM	21.92	21.97	21.76	23.50	
	50	LOW	64QAM	21.02	21.00	20.78	22.50	
		MID	64QAM	21.03	21.02	20.84	22.50	
		HIGH	64QAM	21.04	20.83	20.94	22.50	
	100	LOW	64QAM	21.01	20.84	20.80	22.50	
	20	1	LOW	256QAM	18.93	18.77	19.05	20.50
			MID	256QAM	18.95	18.90	18.96	20.50
HIGH			256QAM	18.85	19.02	19.02	20.50	
50		LOW	256QAM	18.91	18.88	18.94	20.50	
		MID	256QAM	19.00	18.78	18.87	20.50	
		HIGH	256QAM	18.85	18.85	18.79	20.50	
100		LOW	256QAM	18.72	18.81	18.80	20.50	

LTE B42-DSI2&3&4&5 -Ant.8								
Bandwidth	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	21.89	21.90	21.71	23.50	
		MID	QPSK	21.64	21.98	21.82	23.50	
		HIGH	QPSK	21.92	21.89	21.63	23.50	
	12	LOW	QPSK	21.73	21.92	21.81	23.50	
		MID	QPSK	21.69	21.95	21.91	23.50	
		HIGH	QPSK	21.80	21.92	21.89	23.50	
	25	LOW	QPSK	21.64	21.82	21.65	23.50	
	5	1	LOW	Q16	21.70	21.83	22.00	23.50
			MID	Q16	21.72	21.64	21.68	23.50
HIGH			Q16	21.95	21.83	21.83	23.50	
12		LOW	Q16	21.70	21.71	21.81	23.50	
		MID	Q16	21.85	21.88	21.70	23.50	
		HIGH	Q16	21.74	21.85	21.77	23.50	
25		LOW	Q16	21.59	21.94	21.73	23.50	
5		1	LOW	64QAM	22.03	21.77	21.52	23.50
			MID	64QAM	21.68	21.78	21.87	23.50
	HIGH		64QAM	21.76	21.79	21.86	23.50	
	12	LOW	64QAM	20.58	21.06	20.94	22.50	
		MID	64QAM	20.87	20.71	20.69	22.50	
		HIGH	64QAM	20.90	20.96	20.96	22.50	
	25	LOW	64QAM	20.62	20.80	20.74	22.50	
	5	1	LOW	256QAM	19.03	18.83	19.05	20.50
			MID	256QAM	18.65	18.68	18.82	20.50
HIGH			256QAM	18.85	18.93	18.81	20.50	
12		LOW	256QAM	18.84	18.97	18.92	20.50	
		MID	256QAM	18.68	18.80	18.88	20.50	
		HIGH	256QAM	18.77	18.81	19.00	20.50	
25		LOW	256QAM	18.87	18.70	18.62	20.50	
Bandwidth		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	21.67	21.76	21.91	23.50
	MID		QPSK	21.60	21.95	21.82	23.50	
	HIGH		QPSK	22.03	21.92	21.80	23.50	
	25	LOW	QPSK	21.85	21.75	21.79	23.50	
		MID	QPSK	21.79	21.66	21.98	23.50	
		HIGH	QPSK	21.76	21.80	21.77	23.50	
	50	LOW	QPSK	21.68	21.55	21.84	23.50	
	10	1	LOW	Q16	21.89	22.01	21.97	23.50
			MID	Q16	21.68	21.57	21.69	23.50
HIGH			Q16	21.84	21.88	21.63	23.50	
25		LOW	Q16	21.57	21.82	21.69	23.50	
		MID	Q16	21.91	21.97	21.83	23.50	
		HIGH	Q16	21.78	21.92	21.76	23.50	
50		LOW	Q16	21.74	22.03	21.83	23.50	
10		1	LOW	64QAM	22.03	21.72	21.77	23.50
			MID	64QAM	21.69	21.92	21.84	23.50
	HIGH		64QAM	21.76	21.91	21.68	23.50	
	25	LOW	64QAM	20.53	20.96	20.92	22.50	
		MID	64QAM	20.78	20.78	20.78	22.50	
		HIGH	64QAM	20.78	20.73	20.96	22.50	
	50	LOW	64QAM	20.81	20.57	20.67	22.50	
	10	1	LOW	256QAM	18.85	18.79	18.86	20.50
			MID	256QAM	18.63	18.97	18.95	20.50
HIGH			256QAM	18.85	18.99	18.65	20.50	
25		LOW	256QAM	18.81	18.80	19.00	20.50	
		MID	256QAM	18.61	19.03	18.96	20.50	
		HIGH	256QAM	18.82	19.01	18.98	20.50	
50		LOW	256QAM	18.62	18.57	18.77	20.50	

LTE B42-DSI2&3&4&5 -Ant.8								
Bandwidth	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	21.88	21.92	21.73	23.50	
		MID	QPSK	21.53	22.02	21.94	23.50	
		HIGH	QPSK	21.77	21.95	21.73	23.50	
	36	LOW	QPSK	21.71	21.93	21.73	23.50	
		MID	QPSK	21.73	21.67	21.87	23.50	
		HIGH	QPSK	21.84	22.01	21.62	23.50	
	75	LOW	QPSK	21.75	21.57	21.73	23.50	
	15	1	LOW	Q16	21.88	21.89	21.74	23.50
			MID	Q16	21.57	21.62	21.84	23.50
HIGH			Q16	21.90	21.85	21.63	23.50	
36		LOW	Q16	21.83	21.92	21.78	23.50	
		MID	Q16	21.96	21.99	21.85	23.50	
		HIGH	Q16	21.78	21.71	21.87	23.50	
75		LOW	Q16	21.67	21.86	21.83	23.50	
15		1	LOW	64QAM	21.86	21.75	21.68	23.50
			MID	64QAM	21.69	21.80	21.91	23.50
	HIGH		64QAM	21.93	21.79	21.77	23.50	
	36	LOW	64QAM	20.55	20.89	20.86	22.50	
		MID	64QAM	20.80	20.89	20.85	22.50	
		HIGH	64QAM	20.90	20.87	20.75	22.50	
	75	LOW	64QAM	20.72	20.54	20.82	22.50	
	15	1	LOW	256QAM	18.99	18.65	18.98	20.50
			MID	256QAM	18.68	18.90	18.93	20.50
HIGH			256QAM	18.69	18.92	18.54	20.50	
36		LOW	256QAM	18.92	18.80	18.75	20.50	
		MID	256QAM	18.87	18.75	18.78	20.50	
		HIGH	256QAM	18.97	18.94	18.92	20.50	
75		LOW	256QAM	18.62	18.52	18.68	20.50	
Bandwidth		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	21.76	21.79	21.83	23.50
	MID		QPSK	21.66	21.93	21.91	23.50	
	HIGH		QPSK	21.91	21.82	21.74	23.50	
	50	LOW	QPSK	21.85	21.81	21.82	23.50	
		MID	QPSK	21.67	21.81	21.93	23.50	
		HIGH	QPSK	21.90	21.88	21.74	23.50	
	100	LOW	QPSK	21.67	21.68	21.79	23.50	
	20	1	LOW	Q16	21.74	21.95	21.89	23.50
			MID	Q16	21.70	21.67	21.74	23.50
HIGH			Q16	21.82	21.82	21.76	23.50	
50		LOW	Q16	21.71	21.80	21.77	23.50	
		MID	Q16	21.91	21.85	21.74	23.50	
		HIGH	Q16	21.88	21.79	21.89	23.50	
100		LOW	Q16	21.65	21.89	21.80	23.50	
20		1	LOW	64QAM	21.88	21.76	21.65	23.50
			MID	64QAM	21.68	21.89	21.76	23.50
	HIGH		64QAM	21.84	21.76	21.83	23.50	
	50	LOW	64QAM	20.68	20.95	20.83	22.50	
		MID	64QAM	20.89	20.85	20.70	22.50	
		HIGH	64QAM	20.80	20.87	20.83	22.50	
	100	LOW	64QAM	20.68	20.65	20.68	22.50	
	20	1	LOW	256QAM	18.95	18.77	18.92	20.50
			MID	256QAM	18.72	18.82	18.82	20.50
HIGH			256QAM	18.81	18.93	18.66	20.50	
50		LOW	256QAM	18.90	18.88	18.85	20.50	
		MID	256QAM	18.74	18.88	18.81	20.50	
		HIGH	256QAM	18.88	18.95	18.89	20.50	
100		LOW	256QAM	18.74	18.65	18.71	20.50	

8.3.12 LTE Band42 Output Power(ENDC)

LTE B42-Full Power -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	20.56	20.36	20.72	22.00	
		MID	QPSK	20.36	20.62	20.72	22.00	
		HIGH	QPSK	20.52	20.70	20.44	22.00	
	12	LOW	QPSK	19.39	19.31	19.57	21.00	
		MID	QPSK	19.52	19.53	19.53	21.00	
		HIGH	QPSK	19.46	19.57	19.72	21.00	
	25	LOW	QPSK	19.69	19.36	19.62	21.00	
	5	1	LOW	Q16	19.54	19.50	19.43	21.00
			MID	Q16	19.60	19.40	19.29	21.00
HIGH			Q16	19.46	19.61	19.42	21.00	
12		LOW	Q16	18.45	18.58	18.31	20.00	
		MID	Q16	18.32	18.62	18.42	20.00	
		HIGH	Q16	18.42	18.29	18.63	20.00	
25		LOW	Q16	18.37	18.57	18.69	20.00	
5		1	LOW	64QAM	18.52	18.63	18.51	20.00
			MID	64QAM	18.62	18.66	18.52	20.00
	HIGH		64QAM	18.38	18.50	18.71	20.00	
	12	LOW	64QAM	17.69	17.39	17.34	19.00	
		MID	64QAM	17.32	17.63	17.43	19.00	
		HIGH	64QAM	17.31	17.31	17.60	19.00	
	25	LOW	64QAM	17.53	17.39	17.22	19.00	
	5	1	LOW	256QAM	15.38	15.53	15.57	17.00
			MID	256QAM	15.33	15.35	15.48	17.00
HIGH			256QAM	15.34	15.56	15.46	17.00	
12		LOW	256QAM	15.42	15.64	15.49	17.00	
		MID	256QAM	15.41	15.70	15.54	17.00	
		HIGH	256QAM	15.54	15.42	15.49	17.00	
25		LOW	256QAM	15.31	15.27	15.65	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	20.50	20.41	20.49	22.00
	MID		QPSK	20.32	20.42	20.64	22.00	
	HIGH		QPSK	20.36	20.68	20.45	22.00	
	25	LOW	QPSK	19.35	19.30	19.66	21.00	
		MID	QPSK	19.48	19.68	19.67	21.00	
		HIGH	QPSK	19.59	19.37	19.61	21.00	
	50	LOW	QPSK	19.69	19.65	19.42	21.00	
	10	1	LOW	Q16	19.47	19.44	19.58	21.00
			MID	Q16	19.67	19.41	19.36	21.00
HIGH			Q16	19.53	19.76	19.55	21.00	
25		LOW	Q16	18.51	18.55	18.21	20.00	
		MID	Q16	18.32	18.41	18.60	20.00	
		HIGH	Q16	18.43	18.57	18.79	20.00	
50		LOW	Q16	18.42	18.64	18.68	20.00	
10		1	LOW	64QAM	18.37	18.43	18.71	20.00
			MID	64QAM	18.61	18.79	18.49	20.00
	HIGH		64QAM	18.43	18.54	18.60	20.00	
	25	LOW	64QAM	17.71	17.52	17.52	19.00	
		MID	64QAM	17.34	17.70	17.63	19.00	
		HIGH	64QAM	17.43	17.29	17.61	19.00	
	50	LOW	64QAM	17.35	17.46	17.32	19.00	
	10	1	LOW	256QAM	15.30	15.42	15.56	17.00
			MID	256QAM	15.49	15.25	15.48	17.00
HIGH			256QAM	15.34	15.50	15.65	17.00	
25		LOW	256QAM	15.22	15.55	15.35	17.00	
		MID	256QAM	15.63	15.60	15.63	17.00	
		HIGH	256QAM	15.67	15.53	15.44	17.00	
50		LOW	256QAM	15.45	15.30	15.54	17.00	

LTE B42-Full Power -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	20.47	20.32	20.69	22.00	
		MID	QPSK	20.32	20.56	20.60	22.00	
		HIGH	QPSK	20.45	20.67	20.54	22.00	
	36	LOW	QPSK	19.30	19.40	19.68	21.00	
		MID	QPSK	19.69	19.49	19.76	21.00	
		HIGH	QPSK	19.64	19.61	19.48	21.00	
	75	LOW	QPSK	19.75	19.42	19.42	21.00	
	15	1	LOW	Q16	19.57	19.56	19.59	21.00
			MID	Q16	19.48	19.43	19.30	21.00
HIGH			Q16	19.37	19.62	19.40	21.00	
36		LOW	Q16	18.62	18.36	18.29	20.00	
		MID	Q16	18.51	18.43	18.40	20.00	
		HIGH	Q16	18.31	18.45	18.66	20.00	
75		LOW	Q16	18.32	18.73	18.66	20.00	
15		1	LOW	64QAM	18.57	18.67	18.52	20.00
			MID	64QAM	18.62	18.57	18.48	20.00
	HIGH		64QAM	18.38	18.66	18.70	20.00	
	36	LOW	64QAM	17.47	17.61	17.47	19.00	
		MID	64QAM	17.52	17.40	17.65	19.00	
		HIGH	64QAM	17.41	17.33	17.50	19.00	
	75	LOW	64QAM	17.25	17.25	17.40	19.00	
	15	1	LOW	256QAM	15.26	15.69	15.52	17.00
			MID	256QAM	15.29	15.39	15.44	17.00
HIGH			256QAM	15.37	15.49	15.69	17.00	
36		LOW	256QAM	15.28	15.75	15.61	17.00	
		MID	256QAM	15.57	15.71	15.45	17.00	
		HIGH	256QAM	15.55	15.45	15.32	17.00	
75		LOW	256QAM	15.49	15.52	15.56	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	20.57	20.36	20.62	22.00
	MID		QPSK	20.46	20.55	20.63	22.00	
	HIGH		QPSK	20.47	20.61	20.59	22.00	
	50	LOW	QPSK	19.43	19.42	19.53	21.00	
		MID	QPSK	19.57	19.63	19.64	21.00	
		HIGH	QPSK	19.59	19.46	19.58	21.00	
	100	LOW	QPSK	19.62	19.51	19.49	21.00	
	20	1	LOW	Q16	19.50	19.50	19.58	21.00
			MID	Q16	19.57	19.46	19.35	21.00
HIGH			Q16	19.46	19.61	19.43	21.00	
50		LOW	Q16	18.48	18.48	18.36	20.00	
		MID	Q16	18.37	18.55	18.45	20.00	
		HIGH	Q16	18.44	18.42	18.65	20.00	
100		LOW	Q16	18.45	18.63	18.54	20.00	
20		1	LOW	64QAM	18.49	18.53	18.65	20.00
			MID	64QAM	18.51	18.65	18.46	20.00
	HIGH		64QAM	18.43	18.62	18.62	20.00	
	50	LOW	64QAM	17.58	17.46	17.38	19.00	
		MID	64QAM	17.47	17.55	17.52	19.00	
		HIGH	64QAM	17.41	17.40	17.50	19.00	
	100	LOW	64QAM	17.39	17.39	17.36	19.00	
	20	1	LOW	256QAM	15.39	15.55	15.47	17.00
			MID	256QAM	15.42	15.39	15.55	17.00
HIGH			256QAM	15.37	15.51	15.56	17.00	
50		LOW	256QAM	15.36	15.64	15.47	17.00	
		MID	256QAM	15.50	15.56	15.57	17.00	
		HIGH	256QAM	15.56	15.46	15.35	17.00	
100		LOW	256QAM	15.46	15.39	15.60	17.00	

LTE B42-DS1&5 -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)	
5	1	LOW	QPSK	15.95	15.95	15.98	17.50	
		MID	QPSK	15.89	16.20	16.14	17.50	
		HIGH	QPSK	16.21	15.95	15.90	17.50	
	12	LOW	QPSK	15.99	16.28	16.14	17.50	
		MID	QPSK	15.78	15.94	16.11	17.50	
		HIGH	QPSK	15.83	16.16	16.05	17.50	
	25	LOW	QPSK	15.99	16.18	15.83	17.50	
	5	1	LOW	Q16	15.94	16.26	16.03	17.50
			MID	Q16	16.03	16.07	15.81	17.50
HIGH			Q16	15.95	15.99	16.09	17.50	
12		LOW	Q16	16.16	15.89	16.14	17.50	
		MID	Q16	15.78	16.00	16.14	17.50	
		HIGH	Q16	15.91	16.00	16.04	17.50	
25		LOW	Q16	15.99	16.23	16.24	17.50	
5		1	LOW	64QAM	16.16	15.88	16.10	17.50
			MID	64QAM	16.01	15.82	15.95	17.50
	HIGH		64QAM	16.00	16.17	15.71	17.50	
	12	LOW	64QAM	15.91	16.10	15.81	17.50	
		MID	64QAM	16.09	15.91	15.93	17.50	
		HIGH	64QAM	15.94	15.98	16.08	17.50	
	25	LOW	64QAM	15.79	15.95	15.90	17.50	
	5	1	LOW	256QAM	15.59	15.49	15.33	17.00
			MID	256QAM	15.63	15.54	15.38	17.00
HIGH			256QAM	15.38	15.42	15.64	17.00	
12		LOW	256QAM	15.55	15.25	15.39	17.00	
		MID	256QAM	15.60	15.50	15.51	17.00	
		HIGH	256QAM	15.35	15.54	15.50	17.00	
25		LOW	256QAM	15.67	15.67	15.49	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10		1	LOW	QPSK	16.10	16.05	16.00	17.50
	MID		QPSK	16.10	15.98	16.13	17.50	
	HIGH		QPSK	16.03	16.04	15.88	17.50	
	25	LOW	QPSK	15.86	16.27	16.29	17.50	
		MID	QPSK	15.94	16.23	15.94	17.50	
		HIGH	QPSK	15.90	16.21	16.18	17.50	
	50	LOW	QPSK	15.99	16.23	15.78	17.50	
	10	1	LOW	Q16	15.93	16.26	16.05	17.50
			MID	Q16	16.06	16.06	15.88	17.50
HIGH			Q16	16.09	15.86	16.12	17.50	
25		LOW	Q16	16.26	15.97	16.03	17.50	
		MID	Q16	16.03	16.07	16.04	17.50	
		HIGH	Q16	16.05	16.26	15.97	17.50	
50		LOW	Q16	16.14	16.04	16.28	17.50	
10		1	LOW	64QAM	16.17	15.98	16.16	17.50
			MID	64QAM	15.92	15.81	15.93	17.50
	HIGH		64QAM	15.91	16.05	15.74	17.50	
	25	LOW	64QAM	15.96	16.16	15.86	17.50	
		MID	64QAM	15.99	15.88	15.78	17.50	
		HIGH	64QAM	16.03	15.80	15.84	17.50	
	50	LOW	64QAM	15.87	15.91	15.85	17.50	
	10	1	LOW	256QAM	15.62	15.63	15.26	17.00
			MID	256QAM	15.60	15.54	15.41	17.00
HIGH			256QAM	15.34	15.51	15.56	17.00	
25		LOW	256QAM	15.52	15.24	15.32	17.00	
		MID	256QAM	15.41	15.49	15.44	17.00	
		HIGH	256QAM	15.51	15.64	15.71	17.00	
50		LOW	256QAM	15.48	15.50	15.57	17.00	

LTE B42-DS1&5 -Ant.9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)	
15	1	LOW	QPSK	16.15	16.15	15.95	17.50	
		MID	QPSK	16.01	16.25	16.13	17.50	
		HIGH	QPSK	16.25	15.96	16.09	17.50	
	36	LOW	QPSK	15.92	16.04	16.10	17.50	
		MID	QPSK	16.00	15.95	16.07	17.50	
		HIGH	QPSK	15.86	16.29	16.21	17.50	
	75	LOW	QPSK	15.99	16.19	15.90	17.50	
	15	1	LOW	Q16	16.13	16.25	16.16	17.50
			MID	Q16	16.05	15.96	16.00	17.50
HIGH			Q16	15.95	15.99	16.23	17.50	
36		LOW	Q16	16.20	15.99	15.97	17.50	
		MID	Q16	15.87	16.05	16.05	17.50	
		HIGH	Q16	16.02	16.19	16.21	17.50	
75		LOW	Q16	16.11	16.00	16.09	17.50	
15		1	LOW	64QAM	15.91	16.05	16.25	17.50
			MID	64QAM	16.18	15.92	15.96	17.50
	HIGH		64QAM	16.01	16.03	15.88	17.50	
	36	LOW	64QAM	15.99	16.06	16.02	17.50	
		MID	64QAM	16.03	16.00	15.95	17.50	
		HIGH	64QAM	15.95	15.99	16.13	17.50	
	75	LOW	64QAM	15.96	15.81	15.75	17.50	
	15	1	LOW	256QAM	15.43	15.56	15.30	17.00
			MID	256QAM	15.48	15.57	15.40	17.00
HIGH			256QAM	15.54	15.35	15.46	17.00	
36		LOW	256QAM	15.60	15.41	15.40	17.00	
		MID	256QAM	15.53	15.49	15.22	17.00	
		HIGH	256QAM	15.47	15.61	15.52	17.00	
75		LOW	256QAM	15.57	15.61	15.74	17.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20		1	LOW	QPSK	16.05	16.08	15.95	17.50
	MID		QPSK	16.01	16.13	16.12	17.50	
	HIGH		QPSK	16.10	16.05	16.00	17.50	
	50	LOW	QPSK	16.01	16.14	16.14	17.50	
		MID	QPSK	15.91	16.08	15.99	17.50	
		HIGH	QPSK	15.97	16.14	16.12	17.50	
	100	LOW	QPSK	16.01	16.14	15.93	17.50	
	20	1	LOW	Q16	16.02	16.15	16.02	17.50
			MID	Q16	16.02	15.93	15.86	17.50
HIGH			Q16	16.04	15.89	16.08	17.50	
50		LOW	Q16	16.13	16.04	16.04	17.50	
		MID	Q16	15.91	16.06	16.12	17.50	
		HIGH	Q16	16.00	16.12	16.08	17.50	
100		LOW	Q16	15.99	16.11	16.15	17.50	
20		1	LOW	64QAM	16.06	16.01	16.15	17.50
			MID	64QAM	16.04	15.87	15.88	17.50
	HIGH		64QAM	16.04	16.15	15.85	17.50	
	50	LOW	64QAM	16.01	16.14	15.89	17.50	
		MID	64QAM	15.94	15.98	15.88	17.50	
		HIGH	64QAM	16.04	15.94	15.99	17.50	
	100	LOW	64QAM	15.88	15.91	15.88	17.50	
	20	1	LOW	256QAM	15.54	15.48	15.41	17.00
			MID	256QAM	15.58	15.52	15.45	17.00
HIGH			256QAM	15.45	15.46	15.54	17.00	
50		LOW	256QAM	15.58	15.38	15.38	17.00	
		MID	256QAM	15.48	15.58	15.36	17.00	
		HIGH	256QAM	15.40	15.52	15.61	17.00	
100		LOW	256QAM	15.59	15.62	15.64	17.00	

LTE B42-DSI2&3&4 -Ant.9							
Bandwidth (MHz)	RB Size	RB offset	Modulation	41615	42590	43565	Tune-up power(dBm)
5	1	LOW	QPSK	19.73	19.46	19.46	21.00
		MID	QPSK	19.45	19.65	19.52	21.00
		HIGH	QPSK	19.59	19.47	19.76	21.00
	12	LOW	QPSK	19.45	19.47	19.72	21.00
		MID	QPSK	19.43	19.67	19.41	21.00
		HIGH	QPSK	19.45	19.26	19.57	21.00
25	LOW	QPSK	19.51	19.24	19.27	21.00	
5	1	LOW	Q16	19.59	19.27	19.40	21.00
		MID	Q16	19.66	19.50	19.60	21.00
		HIGH	Q16	19.71	19.58	19.48	21.00
	12	LOW	Q16	18.35	18.75	18.73	20.00
		MID	Q16	18.20	18.42	18.32	20.00
		HIGH	Q16	18.54	18.66	18.64	20.00
25	LOW	Q16	18.40	18.69	18.22	20.00	
5	1	LOW	64QAM	18.69	18.46	18.32	20.00
		MID	64QAM	18.27	18.44	18.52	20.00
		HIGH	64QAM	18.47	18.43	18.56	20.00
	12	LOW	64QAM	17.52	17.50	17.36	19.00
		MID	64QAM	17.39	17.72	17.48	19.00
		HIGH	64QAM	17.43	17.40	17.51	19.00
25	LOW	64QAM	17.65	17.70	17.37	19.00	
5	1	LOW	256QAM	15.59	15.36	15.35	17.00
		MID	256QAM	15.39	15.66	15.42	17.00
		HIGH	256QAM	15.41	15.31	15.53	17.00
	12	LOW	256QAM	15.26	15.63	15.39	17.00
		MID	256QAM	15.48	15.50	15.49	17.00
		HIGH	256QAM	15.39	15.46	15.58	17.00
25	LOW	256QAM	15.58	15.39	15.44	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	41640	42590	43540	Tune-up power(dBm)
10	1	LOW	QPSK	19.73	19.73	19.60	21.00
		MID	QPSK	19.70	19.69	19.62	21.00
		HIGH	QPSK	19.46	19.55	19.65	21.00
	25	LOW	QPSK	19.32	19.61	19.45	21.00
		MID	QPSK	19.25	19.40	19.29	21.00
		HIGH	QPSK	19.42	19.26	19.72	21.00
50	LOW	QPSK	19.49	19.29	19.39	21.00	
10	1	LOW	Q16	19.73	19.46	19.39	21.00
		MID	Q16	19.57	19.34	19.62	21.00
		HIGH	Q16	19.52	19.66	19.43	21.00
	25	LOW	Q16	18.54	18.68	18.67	20.00
		MID	Q16	18.38	18.48	18.41	20.00
		HIGH	Q16	18.48	18.54	18.48	20.00
50	LOW	Q16	18.53	18.59	18.46	20.00	
10	1	LOW	64QAM	18.62	18.72	18.35	20.00
		MID	64QAM	18.39	18.51	18.73	20.00
		HIGH	64QAM	18.41	18.45	18.47	20.00
	25	LOW	64QAM	17.59	17.24	17.47	19.00
		MID	64QAM	17.62	17.73	17.41	19.00
		HIGH	64QAM	17.43	17.45	17.50	19.00
50	LOW	64QAM	17.54	17.69	17.47	19.00	
10	1	LOW	256QAM	15.43	15.25	15.65	17.00
		MID	256QAM	15.54	15.62	15.44	17.00
		HIGH	256QAM	15.56	15.27	15.51	17.00
	25	LOW	256QAM	15.55	15.69	15.66	17.00
		MID	256QAM	15.27	15.58	15.46	17.00
		HIGH	256QAM	15.43	15.53	15.72	17.00
50	LOW	256QAM	15.67	15.37	15.40	17.00	

LTE B42-DSI2&3&4 -Ant.9							
Bandwidth (MHz)	RB Size	RB offset	Modulation	41665	42590	43515	Tune-up power(dBm)
15	1	LOW	QPSK	19.46	19.53	19.43	21.00
		MID	QPSK	19.64	19.50	19.58	21.00
		HIGH	QPSK	19.50	19.60	19.52	21.00
	36	LOW	QPSK	19.45	19.75	19.66	21.00
		MID	QPSK	19.43	19.48	19.42	21.00
		HIGH	QPSK	19.38	19.28	19.77	21.00
75	LOW	QPSK	19.43	19.42	19.30	21.00	
15	1	LOW	Q16	19.65	19.36	19.58	21.00
		MID	Q16	19.58	19.53	19.52	21.00
		HIGH	Q16	19.68	19.59	19.47	21.00
	36	LOW	Q16	18.60	18.68	18.52	20.00
		MID	Q16	18.39	18.40	18.46	20.00
		HIGH	Q16	18.33	18.57	18.45	20.00
75	LOW	Q16	18.43	18.46	18.44	20.00	
15	1	LOW	64QAM	18.66	18.71	18.35	20.00
		MID	64QAM	18.25	18.37	18.73	20.00
		HIGH	64QAM	18.49	18.45	18.34	20.00
	36	LOW	64QAM	17.46	17.35	17.31	19.00
		MID	64QAM	17.63	17.79	17.50	19.00
		HIGH	64QAM	17.64	17.48	17.37	19.00
75	LOW	64QAM	17.69	17.48	17.29	19.00	
15	1	LOW	256QAM	15.63	15.41	15.60	17.00
		MID	256QAM	15.36	15.71	15.47	17.00
		HIGH	256QAM	15.53	15.49	15.73	17.00
	36	LOW	256QAM	15.36	15.70	15.60	17.00
		MID	256QAM	15.31	15.56	15.27	17.00
		HIGH	256QAM	15.47	15.63	15.71	17.00
75	LOW	256QAM	15.44	15.47	15.55	17.00	
Bandwidth (MHz)	RB Size	RB offset	Modulation	41690	42590	43490	Tune-up power(dBm)
20	1	LOW	QPSK	19.60	19.59	19.57	21.00
		MID	QPSK	19.59	19.56	19.57	21.00
		HIGH	QPSK	19.52	19.61	19.61	21.00
	50	LOW	QPSK	19.44	19.60	19.58	21.00
		MID	QPSK	19.37	19.53	19.38	21.00
		HIGH	QPSK	19.46	19.39	19.63	21.00
100	LOW	QPSK	19.47	19.39	19.36	21.00	
20	1	LOW	Q16	19.59	19.35	19.52	21.00
		MID	Q16	19.54	19.45	19.60	21.00
		HIGH	Q16	19.63	19.53	19.37	21.00
	50	LOW	Q16	18.46	18.63	18.61	20.00
		MID	Q16	18.35	18.54	18.37	20.00
		HIGH	Q16	18.48	18.64	18.55	20.00
100	LOW	Q16	18.45	18.60	18.36	20.00	
20	1	LOW	64QAM	18.61	18.59	18.40	20.00
		MID	64QAM	18.35	18.40	18.62	20.00
		HIGH	64QAM	18.49	18.36	18.42	20.00
	50	LOW	64QAM	17.57	17.35	17.41	19.00
		MID	64QAM	17.54	17.65	17.40	19.00
		HIGH	64QAM	17.54	17.42	17.49	19.00
100	LOW	64QAM	17.59	17.63	17.42	19.00	
20	1	LOW	256QAM	15.55	15.36	15.50	17.00
		MID	256QAM	15.40	15.63	15.40	17.00
		HIGH	256QAM	15.47	15.37	15.65	17.00
	50	LOW	256QAM	15.40	15.57	15.52	17.00
		MID	256QAM	15.38	15.47	15.40	17.00
		HIGH	256QAM	15.51	15.50	15.61	17.00
100	LOW	256QAM	15.56	15.42	15.53	17.00	

8.3.13 LTE Band48 Output Power

LTE B48-Full Power-ANT6							
Bandwidth (MHz)	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)
5	1	LOW	QPSK	22.56	22.47	22.64	23.50
		MID	QPSK	22.52	22.45	22.43	23.50
		HIGH	QPSK	22.59	22.62	22.63	23.50
	12	LOW	QPSK	21.65	21.60	21.48	22.50
		MID	QPSK	21.49	21.56	21.66	22.50
		HIGH	QPSK	21.61	21.59	21.59	22.50
25	LOW	QPSK	21.49	21.58	21.80	22.50	
5	1	LOW	Q16	21.73	21.57	21.62	22.50
		MID	Q16	21.92	21.72	21.65	22.50
		HIGH	Q16	21.61	21.57	21.64	22.50
	12	LOW	Q16	20.83	21.01	20.79	21.50
		MID	Q16	20.71	20.66	20.95	21.50
		HIGH	Q16	20.81	20.80	20.61	21.50
25	LOW	Q16	20.86	21.01	21.20	21.50	
5	1	LOW	64QAM	21.09	20.95	21.19	21.50
		MID	64QAM	20.83	20.93	20.76	21.50
		HIGH	64QAM	20.81	20.91	20.78	21.50
	12	LOW	64QAM	19.85	20.00	19.96	20.50
		MID	64QAM	19.82	19.71	19.91	20.50
		HIGH	64QAM	20.03	19.87	19.84	20.50
25	LOW	64QAM	19.71	19.92	19.93	20.50	
10	1	LOW	256QAM	17.63	17.41	17.51	18.50
		MID	256QAM	17.44	17.65	17.61	18.50
		HIGH	256QAM	17.44	17.81	17.52	18.50
	25	LOW	256QAM	17.53	17.41	17.48	18.50
		MID	256QAM	17.32	17.43	17.34	18.50
		HIGH	256QAM	17.60	17.86	17.68	18.50
50	LOW	256QAM	17.63	17.83	17.57	18.50	
Bandwidth (MHz)	RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10	1	LOW	QPSK	22.49	22.64	22.73	23.50
		MID	QPSK	22.52	22.62	22.60	23.50
		HIGH	QPSK	22.61	22.49	22.63	23.50
	25	LOW	QPSK	21.44	21.63	21.49	22.50
		MID	QPSK	21.49	21.60	21.47	22.50
		HIGH	QPSK	21.72	21.56	21.49	22.50
50	LOW	QPSK	21.75	21.60	21.88	22.50	
10	1	LOW	Q16	21.68	21.66	21.75	22.50
		MID	Q16	21.85	21.54	21.56	22.50
		HIGH	Q16	21.36	21.77	21.36	22.50
	25	LOW	Q16	20.85	20.77	20.93	21.50
		MID	Q16	20.68	20.90	20.88	21.50
		HIGH	Q16	20.63	20.82	20.73	21.50
50	LOW	Q16	21.00	20.88	21.21	21.50	
10	1	LOW	64QAM	21.09	21.02	21.01	21.50
		MID	64QAM	20.76	20.88	20.70	21.50
		HIGH	64QAM	20.68	20.80	20.71	21.50
	25	LOW	64QAM	19.99	19.83	20.05	20.50
		MID	64QAM	19.84	19.65	19.80	20.50
		HIGH	64QAM	19.83	19.80	19.98	20.50
50	LOW	64QAM	19.90	19.78	19.82	20.50	
10	1	LOW	256QAM	17.37	17.35	17.34	18.50
		MID	256QAM	17.57	17.65	17.46	18.50
		HIGH	256QAM	17.80	17.42	17.51	18.50
	25	LOW	256QAM	17.61	17.59	17.43	18.50
		MID	256QAM	17.63	17.66	17.66	18.50
		HIGH	256QAM	17.91	17.92	17.85	18.50
50	LOW	256QAM	17.83	17.69	17.63	18.50	

LTE B48-Full Power-ANT6								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	22.67	22.56	22.43	23.50	
		MID	QPSK	22.48	22.61	22.62	23.50	
		HIGH	QPSK	22.50	22.70	22.72	23.50	
	36	LOW	QPSK	21.62	21.59	21.49	22.50	
		MID	QPSK	21.58	21.68	21.51	22.50	
		HIGH	QPSK	21.57	21.65	21.67	22.50	
	75	LOW	QPSK	21.75	21.71	21.84	22.50	
	15	1	LOW	Q16	21.47	21.55	21.66	22.50
			MID	Q16	21.95	21.57	21.59	22.50
HIGH			Q16	21.39	21.77	21.41	22.50	
36		LOW	Q16	20.84	20.97	20.91	21.50	
		MID	Q16	20.59	20.68	20.86	21.50	
		HIGH	Q16	20.68	20.81	20.65	21.50	
75		LOW	Q16	20.97	20.96	21.02	21.50	
15		1	LOW	64QAM	20.86	20.78	21.13	21.50
			MID	64QAM	20.87	20.95	20.92	21.50
	HIGH		64QAM	20.82	20.83	20.83	21.50	
	36	LOW	64QAM	19.95	19.76	20.07	20.50	
		MID	64QAM	20.08	19.91	20.04	20.50	
		HIGH	64QAM	19.90	19.76	19.95	20.50	
	75	LOW	64QAM	19.69	19.91	19.83	20.50	
	15	1	LOW	256QAM	17.47	17.52	17.80	18.50
			MID	256QAM	17.41	17.31	17.41	18.50
HIGH			256QAM	17.59	17.61	17.51	18.50	
36		LOW	256QAM	17.51	17.47	17.45	18.50	
		MID	256QAM	17.61	17.59	17.52	18.50	
		HIGH	256QAM	17.77	17.53	17.38	18.50	
75		LOW	256QAM	17.70	17.77	17.84	18.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	22.56	22.60	22.58	23.50
	MID		QPSK	22.55	22.59	22.51	23.50	
	HIGH		QPSK	22.60	22.62	22.57	23.50	
	50	LOW	QPSK	21.56	21.68	21.54	22.50	
		MID	QPSK	21.54	21.65	21.58	22.50	
		HIGH	QPSK	21.66	21.62	21.54	22.50	
	100	LOW	QPSK	21.62	21.67	21.73	22.50	
	20	1	LOW	Q16	21.58	21.60	21.70	22.50
			MID	Q16	21.82	21.67	21.63	22.50
HIGH			Q16	21.50	21.64	21.50	22.50	
50		LOW	Q16	20.92	20.87	20.90	21.50	
		MID	Q16	20.74	20.80	20.86	21.50	
		HIGH	Q16	20.76	20.79	20.69	21.50	
100		LOW	Q16	20.95	20.92	21.06	21.50	
20		1	LOW	64QAM	20.95	20.91	21.04	21.50
			MID	64QAM	20.74	20.85	20.78	21.50
	HIGH		64QAM	20.68	20.79	20.77	21.50	
	50	LOW	64QAM	19.86	19.85	19.95	20.50	
		MID	64QAM	19.93	19.79	19.94	20.50	
		HIGH	64QAM	19.90	19.89	19.83	20.50	
	100	LOW	64QAM	19.83	19.87	19.80	20.50	
	20	1	LOW	256QAM	17.46	17.43	17.64	18.50
			MID	256QAM	17.53	17.70	17.50	18.50
HIGH			256QAM	17.57	17.62	17.62	18.50	
50		LOW	256QAM	17.71	17.48	17.70	18.50	
		MID	256QAM	17.55	17.65	17.36	18.50	
		HIGH	256QAM	17.79	17.55	17.48	18.50	
100		LOW	256QAM	17.46	17.64	17.49	18.50	

LTE B48-DSI1&5-ANT6								
Bandwidth	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	14.54	14.39	14.67	15.50	
		MID	QPSK	14.74	14.36	14.41	15.50	
		HIGH	QPSK	14.78	14.40	14.59	15.50	
	12	LOW	QPSK	14.37	14.75	14.76	15.50	
		MID	QPSK	14.66	14.34	14.68	15.50	
		HIGH	QPSK	14.81	14.70	14.85	15.50	
	25	LOW	QPSK	14.53	14.46	14.54	15.50	
	5	1	LOW	Q16	14.67	14.70	14.73	15.50
			MID	Q16	14.69	14.83	14.64	15.50
HIGH			Q16	14.54	14.62	14.42	15.50	
12		LOW	Q16	14.77	15.12	14.96	15.50	
		MID	Q16	14.72	14.69	14.92	15.50	
		HIGH	Q16	14.93	14.87	14.95	15.50	
25		LOW	Q16	14.85	15.09	14.82	15.50	
5		1	LOW	64QAM	14.81	14.94	14.98	15.50
			MID	64QAM	14.75	14.56	14.83	15.50
	HIGH		64QAM	14.70	14.61	14.56	15.50	
	12	LOW	64QAM	14.99	14.93	14.88	15.50	
		MID	64QAM	14.89	15.04	14.92	15.50	
		HIGH	64QAM	14.94	15.04	14.74	15.50	
	25	LOW	64QAM	14.80	14.76	14.99	15.50	
	10	1	LOW	256QAM	14.28	14.46	14.36	15.50
			MID	256QAM	14.66	14.73	14.60	15.50
HIGH			256QAM	14.39	14.74	14.73	15.50	
25		LOW	256QAM	14.52	14.70	14.61	15.50	
		MID	256QAM	14.39	14.57	14.41	15.50	
		HIGH	256QAM	14.76	14.92	14.98	15.50	
50		LOW	256QAM	14.43	14.26	14.66	15.50	
10		1	LOW	QPSK	14.46	14.51	14.45	15.50
			MID	QPSK	14.55	14.38	14.58	15.50
	HIGH		QPSK	14.57	14.46	14.73	15.50	
	25	LOW	QPSK	14.42	14.67	14.63	15.50	
		MID	QPSK	14.68	14.69	14.35	15.50	
		HIGH	QPSK	14.77	14.50	14.73	15.50	
	50	LOW	QPSK	14.66	14.68	14.79	15.50	
	10	1	LOW	Q16	14.64	14.72	14.48	15.50
			MID	Q16	14.99	14.92	14.85	15.50
			HIGH	Q16	14.54	14.69	14.32	15.50
		25	LOW	Q16	14.83	15.11	15.04	15.50
			MID	Q16	14.74	14.63	14.56	15.50
HIGH			Q16	14.87	14.83	14.81	15.50	
50		LOW	Q16	15.15	15.11	14.89	15.50	
10		1	LOW	64QAM	14.76	15.04	15.09	15.50
			MID	64QAM	14.72	14.91	14.75	15.50
	HIGH		64QAM	14.78	14.55	14.57	15.50	
	25	LOW	64QAM	14.84	14.68	14.66	15.50	
		MID	64QAM	15.07	14.91	15.06	15.50	
		HIGH	64QAM	14.87	14.81	14.76	15.50	
	50	LOW	64QAM	14.88	14.99	14.77	15.50	
	10	1	LOW	256QAM	14.52	14.61	14.53	15.50
			MID	256QAM	14.64	14.40	14.42	15.50
HIGH			256QAM	14.70	14.43	14.60	15.50	
25		LOW	256QAM	14.53	14.62	14.53	15.50	
		MID	256QAM	14.49	14.37	14.68	15.50	
		HIGH	256QAM	14.75	14.71	14.66	15.50	
50		LOW	256QAM	14.42	14.40	14.32	15.50	

LTE B48-DSI1&5-ANT6								
Bandwidth	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	14.53	14.52	14.73	15.50	
		MID	QPSK	14.62	14.73	14.36	15.50	
		HIGH	QPSK	14.53	14.72	14.54	15.50	
	36	LOW	QPSK	14.73	14.55	14.38	15.50	
		MID	QPSK	14.51	14.55	14.40	15.50	
		HIGH	QPSK	14.58	14.84	14.68	15.50	
	75	LOW	QPSK	14.82	14.78	14.47	15.50	
	15	1	LOW	Q16	14.78	14.40	14.41	15.50
			MID	Q16	15.02	14.89	14.66	15.50
HIGH			Q16	14.66	14.53	14.45	15.50	
36		LOW	Q16	14.78	15.08	14.73	15.50	
		MID	Q16	14.84	14.67	14.71	15.50	
		HIGH	Q16	14.70	14.79	14.93	15.50	
75		LOW	Q16	14.86	15.01	15.04	15.50	
15		1	LOW	64QAM	14.84	14.79	15.08	15.50
			MID	64QAM	14.79	14.82	14.70	15.50
	HIGH		64QAM	14.60	14.49	14.56	15.50	
	36	LOW	64QAM	14.76	15.00	14.74	15.50	
		MID	64QAM	14.79	15.12	15.09	15.50	
		HIGH	64QAM	15.04	14.86	14.75	15.50	
	75	LOW	64QAM	14.90	14.76	15.00	15.50	
	15	1	LOW	256QAM	14.46	14.56	14.28	15.50
			MID	256QAM	14.42	14.52	14.47	15.50
HIGH			256QAM	14.63	14.67	14.41	15.50	
36		LOW	256QAM	14.55	14.81	14.51	15.50	
		MID	256QAM	14.46	14.49	14.53	15.50	
		HIGH	256QAM	14.67	14.95	14.77	15.50	
75		LOW	256QAM	14.30	14.47	14.52	15.50	
Bandwidth		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	14.39	14.58	14.75	15.50
	MID		QPSK	14.55	14.47	14.66	15.50	
	HIGH		QPSK	14.74	14.80	14.53	15.50	
	50	LOW	QPSK	14.64	14.76	14.45	15.50	
		MID	QPSK	14.45	14.55	14.56	15.50	
		HIGH	QPSK	14.67	14.80	14.74	15.50	
	100	LOW	QPSK	14.62	14.44	14.54	15.50	
	20	1	LOW	Q16	14.61	14.57	14.62	15.50
			MID	Q16	14.74	14.97	14.87	15.50
HIGH			Q16	14.52	14.41	14.45	15.50	
50		LOW	Q16	14.72	14.74	14.89	15.50	
		MID	Q16	14.94	14.93	14.87	15.50	
		HIGH	Q16	14.63	14.78	14.77	15.50	
100		LOW	Q16	14.81	14.85	14.90	15.50	
20		1	LOW	64QAM	14.75	15.15	15.14	15.50
			MID	64QAM	14.76	14.70	14.93	15.50
	HIGH		64QAM	14.53	14.51	14.60	15.50	
	50	LOW	64QAM	14.99	14.96	15.00	15.50	
		MID	64QAM	15.10	14.99	14.73	15.50	
		HIGH	64QAM	14.92	14.71	15.01	15.50	
	100	LOW	64QAM	14.91	14.64	14.65	15.50	
	20	1	LOW	256QAM	14.56	14.32	14.41	15.50
			MID	256QAM	14.70	14.71	14.46	15.50
HIGH			256QAM	14.47	14.54	14.77	15.50	
50		LOW	256QAM	14.78	14.72	14.61	15.50	
		MID	256QAM	14.59	14.57	14.59	15.50	
		HIGH	256QAM	14.61	14.76	14.67	15.50	
100		LOW	256QAM	14.62	14.66	14.57	15.50	

LTE B48-DSI2&3&4-ANT6								
Bandwidth	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	18.87	18.86	18.96	20.00	
		MID	QPSK	19.24	19.23	19.25	20.00	
		HIGH	QPSK	19.42	19.16	19.23	20.00	
	12	LOW	QPSK	19.21	19.26	19.11	20.00	
		MID	QPSK	18.76	19.15	19.08	20.00	
		HIGH	QPSK	19.02	19.09	19.25	20.00	
	25	LOW	QPSK	19.02	19.17	19.26	20.00	
	5	1	LOW	Q16	19.20	18.95	19.09	20.00
			MID	Q16	19.30	19.39	19.18	20.00
HIGH			Q16	19.17	19.21	19.01	20.00	
12		LOW	Q16	19.08	19.05	19.30	20.00	
		MID	Q16	19.48	19.41	19.64	20.00	
		HIGH	Q16	19.06	19.23	19.28	20.00	
25		LOW	Q16	19.19	19.28	19.30	20.00	
5		1	LOW	64QAM	19.14	19.17	19.29	20.00
			MID	64QAM	19.17	19.06	19.31	20.00
	HIGH		64QAM	19.22	19.18	19.01	20.00	
	12	LOW	64QAM	19.41	19.57	19.65	20.00	
		MID	64QAM	19.61	19.44	19.52	20.00	
		HIGH	64QAM	19.55	19.32	19.45	20.00	
	25	LOW	64QAM	19.48	19.57	19.41	20.00	
	10	1	LOW	256QAM	17.73	17.70	17.36	18.50
			MID	256QAM	17.54	17.58	17.51	18.50
HIGH			256QAM	17.39	17.37	17.56	18.50	
25		LOW	256QAM	17.62	17.92	17.77	18.50	
		MID	256QAM	17.52	17.79	17.63	18.50	
		HIGH	256QAM	17.60	17.79	17.53	18.50	
50		LOW	256QAM	17.44	17.57	17.68	18.50	
Bandwidth		RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10		1	LOW	QPSK	18.70	18.83	19.07	20.00
	MID		QPSK	19.21	19.05	19.04	20.00	
	HIGH		QPSK	19.27	19.33	19.27	20.00	
	25	LOW	QPSK	18.98	19.13	19.07	20.00	
		MID	QPSK	18.90	18.90	18.81	20.00	
		HIGH	QPSK	19.18	19.18	19.14	20.00	
	50	LOW	QPSK	19.03	18.93	19.18	20.00	
	10	1	LOW	Q16	19.14	19.13	19.24	20.00
			MID	Q16	19.13	19.39	19.24	20.00
HIGH			Q16	18.89	19.15	19.02	20.00	
25		LOW	Q16	19.42	19.25	19.31	20.00	
		MID	Q16	19.36	19.52	19.28	20.00	
		HIGH	Q16	19.07	19.26	19.29	20.00	
50		LOW	Q16	19.43	19.13	19.12	20.00	
10		1	LOW	64QAM	19.45	19.12	19.40	20.00
			MID	64QAM	19.37	19.18	19.20	20.00
	HIGH		64QAM	19.07	18.84	19.15	20.00	
	25	LOW	64QAM	19.45	19.62	19.50	20.00	
		MID	64QAM	19.77	19.45	19.45	20.00	
		HIGH	64QAM	19.41	19.25	19.61	20.00	
	50	LOW	64QAM	19.61	19.44	19.55	20.00	
	10	1	LOW	256QAM	17.64	17.52	17.70	18.50
			MID	256QAM	17.73	17.78	17.56	18.50
HIGH			256QAM	17.34	17.52	17.65	18.50	
25		LOW	256QAM	17.68	17.75	17.58	18.50	
		MID	256QAM	17.61	17.45	17.40	18.50	
		HIGH	256QAM	17.80	17.70	17.75	18.50	
50		LOW	256QAM	17.56	17.69	17.64	18.50	

LTE B48-DSI2&3&4-ANT6								
Bandwidth	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	18.78	18.97	19.01	20.00	
		MID	QPSK	18.85	19.19	18.89	20.00	
		HIGH	QPSK	19.36	19.28	19.13	20.00	
	36	LOW	QPSK	19.30	18.94	19.03	20.00	
		MID	QPSK	19.14	18.81	19.13	20.00	
		HIGH	QPSK	19.31	19.36	19.33	20.00	
	75	LOW	QPSK	19.21	19.30	19.10	20.00	
	15	1	LOW	Q16	19.20	19.10	19.29	20.00
			MID	Q16	19.24	19.04	19.25	20.00
HIGH			Q16	19.19	19.18	19.10	20.00	
36		LOW	Q16	19.36	19.13	19.03	20.00	
		MID	Q16	19.48	19.48	19.47	20.00	
		HIGH	Q16	19.23	19.27	19.18	20.00	
75		LOW	Q16	19.20	19.13	19.41	20.00	
15		1	LOW	64QAM	19.20	19.21	19.37	20.00
			MID	64QAM	19.08	19.08	19.36	20.00
	HIGH		64QAM	18.96	18.96	19.22	20.00	
	36	LOW	64QAM	19.45	19.52	19.34	20.00	
		MID	64QAM	19.41	19.61	19.70	20.00	
		HIGH	64QAM	19.42	19.38	19.46	20.00	
	75	LOW	64QAM	19.28	19.57	19.25	20.00	
	15	1	LOW	256QAM	17.45	17.50	17.73	18.50
			MID	256QAM	17.85	17.84	17.81	18.50
HIGH			256QAM	17.57	17.40	17.61	18.50	
36		LOW	256QAM	17.95	17.60	17.74	18.50	
		MID	256QAM	17.66	17.48	17.43	18.50	
		HIGH	256QAM	17.74	17.78	17.59	18.50	
75		LOW	256QAM	17.47	17.43	17.80	18.50	
Bandwidth		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	18.72	18.73	18.72	20.00
	MID		QPSK	19.14	19.11	18.90	20.00	
	HIGH		QPSK	19.10	19.21	19.12	20.00	
	50	LOW	QPSK	19.00	19.26	18.98	20.00	
		MID	QPSK	19.11	18.95	19.00	20.00	
		HIGH	QPSK	19.17	19.33	19.03	20.00	
	100	LOW	QPSK	19.04	19.26	19.23	20.00	
	20	1	LOW	Q16	19.13	19.03	19.24	20.00
			MID	Q16	19.14	19.31	19.42	20.00
HIGH			Q16	19.13	19.09	19.15	20.00	
50		LOW	Q16	19.23	19.41	19.05	20.00	
		MID	Q16	19.48	19.37	19.54	20.00	
		HIGH	Q16	19.09	19.27	18.95	20.00	
100		LOW	Q16	19.32	19.47	19.40	20.00	
20		1	LOW	64QAM	19.23	19.29	19.17	20.00
			MID	64QAM	19.37	19.43	19.17	20.00
	HIGH		64QAM	18.92	18.96	19.19	20.00	
	50	LOW	64QAM	19.30	19.54	19.43	20.00	
		MID	64QAM	19.53	19.53	19.54	20.00	
		HIGH	64QAM	19.22	19.60	19.53	20.00	
	100	LOW	64QAM	19.44	19.59	19.36	20.00	
	20	1	LOW	256QAM	17.55	17.51	17.41	18.50
			MID	256QAM	17.80	17.60	17.77	18.50
HIGH			256QAM	17.56	17.54	17.30	18.50	
50		LOW	256QAM	17.85	17.92	17.91	18.50	
		MID	256QAM	17.41	17.48	17.68	18.50	
		HIGH	256QAM	17.72	17.51	17.62	18.50	
100		LOW	256QAM	17.72	17.58	17.47	18.50	

3.3.13 LTE Band48 Output Power

LTE B48-Full Power-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	19.87	19.64	19.67	21.00	
		MID	QPSK	19.78	19.75	19.68	21.00	
		HIGH	QPSK	19.66	19.94	19.70	21.00	
	12	LOW	QPSK	18.83	18.66	18.66	20.00	
		MID	QPSK	18.72	18.84	18.73	20.00	
		HIGH	QPSK	18.82	18.81	18.72	20.00	
	25	LOW	QPSK	18.82	18.61	18.67	20.00	
	5	1	LOW	Q16	18.76	18.66	18.58	20.00
			MID	Q16	18.86	18.60	18.55	20.00
HIGH			Q16	18.41	18.67	18.68	20.00	
12		LOW	Q16	18.01	17.77	17.83	19.00	
		MID	Q16	17.78	17.75	18.09	19.00	
		HIGH	Q16	17.79	18.02	17.82	19.00	
25		LOW	Q16	17.91	18.01	17.83	19.00	
5		1	LOW	64QAM	18.10	17.99	17.94	19.00
			MID	64QAM	17.96	17.89	17.74	19.00
	HIGH		64QAM	18.13	17.93	17.89	19.00	
	12	LOW	64QAM	17.00	17.04	16.79	18.00	
		MID	64QAM	16.86	16.98	17.11	18.00	
		HIGH	64QAM	16.78	16.93	16.79	18.00	
	25	LOW	64QAM	16.92	16.98	16.68	18.00	
	5	1	LOW	256QAM	14.82	14.85	14.88	16.00
			MID	256QAM	14.87	14.97	14.77	16.00
HIGH			256QAM	14.75	14.89	14.67	16.00	
12		LOW	256QAM	14.68	15.06	14.84	16.00	
		MID	256QAM	14.74	14.67	14.78	16.00	
		HIGH	256QAM	14.99	14.61	14.61	16.00	
25		LOW	256QAM	14.82	14.83	14.90	16.00	
10		1	LOW	QPSK	19.65	19.88	19.60	21.00
			MID	QPSK	19.76	19.84	19.69	21.00
	HIGH		QPSK	19.80	19.85	19.80	21.00	
	LOW		QPSK	18.74	18.74	18.54	20.00	
	MID		QPSK	18.73	18.88	18.75	20.00	
	HIGH		QPSK	18.81	18.71	18.75	20.00	
	25	LOW	QPSK	18.96	18.64	18.86	20.00	
		LOW	Q16	18.80	18.70	18.61	20.00	
		MID	Q16	18.81	18.77	18.62	20.00	
		HIGH	Q16	18.52	18.67	18.53	20.00	
		LOW	Q16	17.99	17.86	17.91	19.00	
		MID	Q16	17.80	17.69	17.96	19.00	
10	1	HIGH	Q16	17.79	18.01	17.75	19.00	
		LOW	Q16	17.95	18.09	17.84	19.00	
		LOW	64QAM	17.88	17.98	17.71	19.00	
	25	MID	64QAM	17.88	17.85	17.75	19.00	
		HIGH	64QAM	17.96	17.76	17.79	19.00	
		LOW	64QAM	16.79	17.07	16.74	18.00	
	50	MID	64QAM	16.83	17.08	17.14	18.00	
		HIGH	64QAM	16.97	16.85	16.81	18.00	
		LOW	64QAM	16.86	17.00	16.66	18.00	
10	1	LOW	256QAM	14.70	14.94	14.79	16.00	
		MID	256QAM	14.76	14.67	14.77	16.00	
		HIGH	256QAM	14.91	14.79	14.59	16.00	
	25	LOW	256QAM	14.89	14.98	14.83	16.00	
		MID	256QAM	14.59	14.66	14.85	16.00	
		HIGH	256QAM	14.83	14.96	14.79	16.00	
	50	LOW	256QAM	14.68	14.66	14.84	16.00	

LTE B48-Full Power-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	19.74	19.69	19.81	21.00	
		MID	QPSK	19.73	19.91	19.66	21.00	
		HIGH	QPSK	19.63	19.75	19.78	21.00	
	36	LOW	QPSK	19.00	18.88	18.77	20.00	
		MID	QPSK	18.57	18.60	18.84	20.00	
		HIGH	QPSK	18.88	18.64	18.79	20.00	
	75	LOW	QPSK	18.92	18.58	18.85	20.00	
	15	1	LOW	Q16	18.80	18.62	18.74	20.00
			MID	Q16	18.79	18.59	18.45	20.00
HIGH			Q16	18.57	18.64	18.67	20.00	
36		LOW	Q16	18.09	18.02	17.96	19.00	
		MID	Q16	17.77	17.78	18.00	19.00	
		HIGH	Q16	17.86	18.00	17.85	19.00	
75		LOW	Q16	17.87	18.12	17.86	19.00	
15		1	LOW	64QAM	17.85	18.08	17.79	19.00
			MID	64QAM	17.79	17.83	17.59	19.00
	HIGH		64QAM	17.87	18.02	17.98	19.00	
	36	LOW	64QAM	16.76	17.08	16.94	18.00	
		MID	64QAM	16.77	16.98	16.93	18.00	
		HIGH	64QAM	16.86	17.04	16.65	18.00	
	75	LOW	64QAM	16.83	16.88	16.82	18.00	
	15	1	LOW	256QAM	14.90	14.86	14.79	16.00
			MID	256QAM	14.95	14.99	14.81	16.00
HIGH			256QAM	14.67	14.76	14.88	16.00	
36		LOW	256QAM	14.94	14.81	14.88	16.00	
		MID	256QAM	14.66	14.68	14.62	16.00	
		HIGH	256QAM	14.93	14.68	14.68	16.00	
75		LOW	256QAM	14.66	14.92	14.80	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	19.76	19.79	19.67	21.00
	MID		QPSK	19.80	19.86	19.75	21.00	
	HIGH		QPSK	19.73	19.80	19.69	21.00	
	50	LOW	QPSK	18.88	18.74	18.64	20.00	
		MID	QPSK	18.66	18.73	18.73	20.00	
		HIGH	QPSK	18.80	18.78	18.64	20.00	
100	LOW	QPSK	18.86	18.73	18.72	20.00		
20	1	LOW	Q16	18.65	18.64	18.62	20.00	
		MID	Q16	18.77	18.62	18.60	20.00	
		HIGH	Q16	18.48	18.59	18.67	20.00	
	50	LOW	Q16	18.06	17.92	17.85	19.00	
		MID	Q16	17.74	17.83	17.98	19.00	
		HIGH	Q16	17.94	17.89	17.79	19.00	
100	LOW	Q16	17.86	17.98	17.92	19.00		
20	1	LOW	64QAM	17.97	17.96	17.84	19.00	
		MID	64QAM	17.81	17.86	17.74	19.00	
		HIGH	64QAM	18.02	17.89	17.85	19.00	
	50	LOW	64QAM	16.90	16.94	16.87	18.00	
		MID	64QAM	16.90	16.95	17.00	18.00	
		HIGH	64QAM	16.83	16.89	16.80	18.00	
100	LOW	64QAM	16.96	16.90	16.77	18.00		
20	1	LOW	256QAM	14.69	14.60	14.61	16.00	
		MID	256QAM	14.88	14.96	14.97	16.00	
		HIGH	256QAM	14.61	14.81	14.60	16.00	
	50	LOW	256QAM	15.04	14.69	14.73	16.00	
		MID	256QAM	14.74	14.60	14.72	16.00	
		HIGH	256QAM	14.76	14.83	14.60	16.00	
100	LOW	256QAM	14.69	15.02	14.87	16.00		

LTE B48-DS11&5-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	14.40	14.47	14.43	15.50	
		MID	QPSK	14.34	14.49	14.34	15.50	
		HIGH	QPSK	14.35	14.35	14.46	15.50	
	12	LOW	QPSK	14.38	14.48	14.37	15.50	
		MID	QPSK	14.31	14.44	14.49	15.50	
		HIGH	QPSK	14.34	14.48	14.45	15.50	
	25	LOW	QPSK	14.39	14.44	14.34	15.50	
	5	1	LOW	Q16	14.49	14.48	14.38	15.50
			MID	Q16	14.36	14.38	14.39	15.50
HIGH			Q16	14.46	14.40	14.42	15.50	
12		LOW	Q16	14.45	14.34	14.44	15.50	
		MID	Q16	14.35	14.35	14.33	15.50	
		HIGH	Q16	14.39	14.44	14.30	15.50	
25		LOW	Q16	14.44	14.33	14.30	15.50	
5		1	LOW	64QAM	14.41	14.36	14.46	15.50
			MID	64QAM	14.47	14.45	14.47	15.50
	HIGH		64QAM	14.37	14.42	14.33	15.50	
	12	LOW	64QAM	14.32	14.36	14.46	15.50	
		MID	64QAM	14.34	14.34	14.50	15.50	
		HIGH	64QAM	14.33	14.36	14.44	15.50	
	25	LOW	64QAM	14.30	14.40	14.40	15.50	
	5	1	LOW	256QAM	14.44	14.44	14.32	15.50
			MID	256QAM	14.39	14.37	14.33	15.50
HIGH			256QAM	14.32	14.41	14.47	15.50	
12		LOW	256QAM	14.46	14.38	14.47	15.50	
		MID	256QAM	14.42	14.41	14.34	15.50	
		HIGH	256QAM	14.38	14.45	14.34	15.50	
25		LOW	256QAM	14.32	14.43	14.38	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10		1	LOW	QPSK	14.31	14.40	14.50	15.50
	MID		QPSK	14.44	14.37	14.36	15.50	
	HIGH		QPSK	14.37	14.32	14.40	15.50	
	25	LOW	QPSK	14.38	14.37	14.45	15.50	
		MID	QPSK	14.47	14.37	14.42	15.50	
		HIGH	QPSK	14.34	14.47	14.40	15.50	
	50	LOW	QPSK	14.38	14.36	14.41	15.50	
	10	1	LOW	Q16	14.47	14.39	14.45	15.50
			MID	Q16	14.41	14.41	14.48	15.50
HIGH			Q16	14.48	14.46	14.39	15.50	
25		LOW	Q16	14.40	14.34	14.41	15.50	
		MID	Q16	14.48	14.33	14.41	15.50	
		HIGH	Q16	14.33	14.47	14.30	15.50	
50		LOW	Q16	14.48	14.30	14.35	15.50	
10		1	LOW	64QAM	14.31	14.31	14.50	15.50
			MID	64QAM	14.34	14.44	14.47	15.50
	HIGH		64QAM	14.46	14.50	14.36	15.50	
	25	LOW	64QAM	14.44	14.35	14.45	15.50	
		MID	64QAM	14.43	14.32	14.32	15.50	
		HIGH	64QAM	14.46	14.36	14.39	15.50	
	50	LOW	64QAM	14.48	14.34	14.47	15.50	
	10	1	LOW	256QAM	14.36	14.36	14.47	15.50
			MID	256QAM	14.34	14.34	14.40	15.50
HIGH			256QAM	14.36	14.50	14.34	15.50	
25		LOW	256QAM	14.36	14.36	14.30	15.50	
		MID	256QAM	14.31	14.43	14.37	15.50	
		HIGH	256QAM	14.47	14.43	14.45	15.50	
50		LOW	256QAM	14.37	14.47	14.47	15.50	

LTE B48-DS11&5-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	14.47	14.50	14.30	15.50	
		MID	QPSK	14.32	14.37	14.31	15.50	
		HIGH	QPSK	14.47	14.42	14.50	15.50	
	36	LOW	QPSK	14.46	14.44	14.46	15.50	
		MID	QPSK	14.41	14.47	14.48	15.50	
		HIGH	QPSK	14.39	14.45	14.43	15.50	
	75	LOW	QPSK	14.41	14.37	14.42	15.50	
	15	1	LOW	Q16	14.49	14.50	14.44	15.50
			MID	Q16	14.36	14.42	14.48	15.50
HIGH			Q16	14.38	14.44	14.30	15.50	
36		LOW	Q16	14.46	14.43	14.37	15.50	
		MID	Q16	14.41	14.44	14.44	15.50	
		HIGH	Q16	14.38	14.38	14.49	15.50	
75		LOW	Q16	14.40	14.49	14.46	15.50	
15		1	LOW	64QAM	14.40	14.45	14.46	15.50
			MID	64QAM	14.35	14.49	14.46	15.50
	HIGH		64QAM	14.31	14.30	14.50	15.50	
	36	LOW	64QAM	14.30	14.32	14.31	15.50	
		MID	64QAM	14.35	14.44	14.41	15.50	
		HIGH	64QAM	14.39	14.32	14.31	15.50	
	75	LOW	64QAM	14.36	14.36	14.43	15.50	
	15	1	LOW	256QAM	14.31	14.45	14.38	15.50
			MID	256QAM	14.37	14.35	14.33	15.50
HIGH			256QAM	14.39	14.39	14.50	15.50	
36		LOW	256QAM	14.50	14.44	14.40	15.50	
		MID	256QAM	14.35	14.41	14.49	15.50	
		HIGH	256QAM	14.46	14.45	14.32	15.50	
75		LOW	256QAM	14.39	14.45	14.33	15.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	14.38	14.42	14.35	15.50
	MID		QPSK	14.32	14.40	14.41	15.50	
	HIGH		QPSK	14.33	14.38	14.35	15.50	
	50	LOW	QPSK	14.34	14.30	14.32	15.50	
		MID	QPSK	14.31	14.37	14.29	15.50	
		HIGH	QPSK	14.31	14.31	14.30	15.50	
100	LOW	QPSK	14.39	14.32	14.44	15.50		
20	1	LOW	Q16	14.44	14.50	14.43	15.50	
		MID	Q16	14.47	14.32	14.44	15.50	
		HIGH	Q16	14.35	14.37	14.31	15.50	
	50	LOW	Q16	14.49	14.38	14.30	15.50	
		MID	Q16	14.47	14.48	14.41	15.50	
		HIGH	Q16	14.48	14.48	14.49	15.50	
100	LOW	Q16	14.44	14.50	14.33	15.50		
20	1	LOW	64QAM	14.44	14.50	14.47	15.50	
		MID	64QAM	14.48	14.43	14.40	15.50	
		HIGH	64QAM	14.46	14.32	14.42	15.50	
	50	LOW	64QAM	14.50	14.34	14.30	15.50	
		MID	64QAM	14.43	14.38	14.35	15.50	
		HIGH	64QAM	14.38	14.30	14.50	15.50	
100	LOW	64QAM	14.43	14.43	14.42	15.50		
20	1	LOW	256QAM	14.33	14.45	14.37	15.50	
		MID	256QAM	14.42	14.36	14.40	15.50	
		HIGH	256QAM	14.31	14.34	14.49	15.50	
	50	LOW	256QAM	14.31	14.40	14.41	15.50	
		MID	256QAM	14.38	14.50	14.38	15.50	
		HIGH	256QAM	14.42	14.31	14.42	15.50	
100	LOW	256QAM	14.45	14.41	14.38	15.50		

LTE B48-DSI2&4-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	19.87	19.64	19.67	21.00	
		MID	QPSK	19.78	19.75	19.68	21.00	
		HIGH	QPSK	19.66	19.94	19.70	21.00	
	12	LOW	QPSK	18.83	18.66	18.66	20.00	
		MID	QPSK	18.72	18.84	18.73	20.00	
		HIGH	QPSK	18.82	18.81	18.72	20.00	
	25	LOW	QPSK	18.82	18.61	18.67	20.00	
	5	1	LOW	Q16	18.76	18.66	18.58	20.00
			MID	Q16	18.86	18.60	18.55	20.00
HIGH			Q16	18.41	18.67	18.68	20.00	
12		LOW	Q16	18.01	17.77	17.83	19.00	
		MID	Q16	17.78	17.75	18.09	19.00	
		HIGH	Q16	17.79	18.02	17.82	19.00	
25		LOW	Q16	17.91	18.01	17.83	19.00	
5		1	LOW	64QAM	18.10	17.99	17.94	19.00
			MID	64QAM	17.96	17.89	17.74	19.00
	HIGH		64QAM	18.13	17.93	17.89	19.00	
	12	LOW	64QAM	17.00	17.04	16.79	18.00	
		MID	64QAM	16.86	16.98	17.11	18.00	
		HIGH	64QAM	16.78	16.93	16.79	18.00	
	25	LOW	64QAM	16.92	16.98	16.68	18.00	
	5	1	LOW	256QAM	14.82	14.85	14.88	16.00
			MID	256QAM	14.87	14.97	14.77	16.00
HIGH			256QAM	14.75	14.89	14.67	16.00	
12		LOW	256QAM	14.68	15.06	14.84	16.00	
		MID	256QAM	14.74	14.67	14.78	16.00	
		HIGH	256QAM	14.99	14.61	14.61	16.00	
25		LOW	256QAM	14.82	14.83	14.90	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10		1	LOW	QPSK	19.65	19.88	19.60	21.00
	MID		QPSK	19.76	19.84	19.69	21.00	
	HIGH		QPSK	19.80	19.85	19.80	21.00	
	25	LOW	QPSK	18.74	18.74	18.54	20.00	
		MID	QPSK	18.73	18.88	18.75	20.00	
		HIGH	QPSK	18.81	18.71	18.75	20.00	
	50	LOW	QPSK	18.96	18.64	18.86	20.00	
	10	1	LOW	Q16	18.80	18.70	18.61	20.00
			MID	Q16	18.81	18.77	18.62	20.00
HIGH			Q16	18.52	18.67	18.53	20.00	
25		LOW	Q16	17.99	17.86	17.91	19.00	
		MID	Q16	17.80	17.69	17.96	19.00	
		HIGH	Q16	17.79	18.01	17.75	19.00	
50		LOW	Q16	17.95	18.09	17.84	19.00	
10		1	LOW	64QAM	17.88	17.98	17.71	19.00
			MID	64QAM	17.88	17.85	17.75	19.00
	HIGH		64QAM	17.96	17.76	17.79	19.00	
	25	LOW	64QAM	16.79	17.07	16.74	18.00	
		MID	64QAM	16.83	17.08	17.14	18.00	
		HIGH	64QAM	16.97	16.85	16.81	18.00	
	50	LOW	64QAM	16.86	17.00	16.66	18.00	
	10	1	LOW	256QAM	14.70	14.94	14.79	16.00
			MID	256QAM	14.76	14.67	14.77	16.00
HIGH			256QAM	14.91	14.79	14.59	16.00	
25		LOW	256QAM	14.89	14.98	14.83	16.00	
		MID	256QAM	14.59	14.66	14.85	16.00	
		HIGH	256QAM	14.83	14.96	14.79	16.00	
50		LOW	256QAM	14.68	14.66	14.84	16.00	

LTE B48-DSI2&4-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	19.74	19.69	19.81	21.00	
		MID	QPSK	19.73	19.91	19.66	21.00	
		HIGH	QPSK	19.63	19.75	19.78	21.00	
	36	LOW	QPSK	19.00	18.88	18.77	20.00	
		MID	QPSK	18.57	18.60	18.84	20.00	
		HIGH	QPSK	18.88	18.64	18.79	20.00	
	75	LOW	QPSK	18.92	18.58	18.85	20.00	
	15	1	LOW	Q16	18.80	18.62	18.74	20.00
			MID	Q16	18.79	18.59	18.45	20.00
HIGH			Q16	18.57	18.64	18.67	20.00	
36		LOW	Q16	18.09	18.02	17.96	19.00	
		MID	Q16	17.77	17.78	18.00	19.00	
		HIGH	Q16	17.86	18.00	17.85	19.00	
75		LOW	Q16	17.87	18.12	17.86	19.00	
15		1	LOW	64QAM	17.85	18.08	17.79	19.00
			MID	64QAM	17.79	17.83	17.59	19.00
	HIGH		64QAM	17.87	18.02	17.98	19.00	
	36	LOW	64QAM	16.76	17.08	16.94	18.00	
		MID	64QAM	16.77	16.98	16.93	18.00	
		HIGH	64QAM	16.86	17.04	16.65	18.00	
	75	LOW	64QAM	16.83	16.88	16.82	18.00	
	15	1	LOW	256QAM	14.90	14.86	14.79	16.00
			MID	256QAM	14.95	14.99	14.81	16.00
HIGH			256QAM	14.67	14.76	14.88	16.00	
36		LOW	256QAM	14.94	14.81	14.88	16.00	
		MID	256QAM	14.66	14.68	14.62	16.00	
		HIGH	256QAM	14.93	14.68	14.68	16.00	
75		LOW	256QAM	14.66	14.92	14.80	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	19.76	19.79	19.67	21.00
	MID		QPSK	19.80	19.86	19.75	21.00	
	HIGH		QPSK	19.73	19.80	19.69	21.00	
	50	LOW	QPSK	18.88	18.74	18.64	20.00	
		MID	QPSK	18.66	18.73	18.73	20.00	
		HIGH	QPSK	18.80	18.78	18.64	20.00	
	100	LOW	QPSK	18.86	18.73	18.72	20.00	
	20	1	LOW	Q16	18.65	18.64	18.62	20.00
			MID	Q16	18.77	18.62	18.60	20.00
HIGH			Q16	18.48	18.59	18.67	20.00	
50		LOW	Q16	18.06	17.92	17.85	19.00	
		MID	Q16	17.74	17.83	17.98	19.00	
		HIGH	Q16	17.94	17.89	17.79	19.00	
100		LOW	Q16	17.86	17.98	17.92	19.00	
20		1	LOW	64QAM	17.97	17.96	17.84	19.00
			MID	64QAM	17.81	17.86	17.74	19.00
	HIGH		64QAM	18.02	17.89	17.85	19.00	
	50	LOW	64QAM	16.90	16.94	16.87	18.00	
		MID	64QAM	16.90	16.95	17.00	18.00	
		HIGH	64QAM	16.83	16.89	16.80	18.00	
	100	LOW	64QAM	16.96	16.90	16.77	18.00	
	20	1	LOW	256QAM	14.69	14.60	14.61	16.00
			MID	256QAM	14.88	14.96	14.97	16.00
HIGH			256QAM	14.61	14.81	14.60	16.00	
50		LOW	256QAM	15.04	14.69	14.73	16.00	
		MID	256QAM	14.74	14.60	14.72	16.00	
		HIGH	256QAM	14.76	14.83	14.60	16.00	
100		LOW	256QAM	14.69	15.02	14.87	16.00	

LTE B48-DSI3-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	16.89	16.64	16.73	18.00	
		MID	QPSK	16.75	16.80	16.70	18.00	
		HIGH	QPSK	16.72	16.99	16.73	18.00	
	12	LOW	QPSK	16.84	16.66	16.61	18.00	
		MID	QPSK	16.67	16.81	16.71	18.00	
		HIGH	QPSK	16.88	16.78	16.77	18.00	
	25	LOW	QPSK	16.78	16.66	16.72	18.00	
	5	1	LOW	Q16	16.78	16.68	16.59	18.00
			MID	Q16	16.84	16.61	16.53	18.00
HIGH			Q16	16.43	16.67	16.65	18.00	
12		LOW	Q16	16.98	16.72	16.84	18.00	
		MID	Q16	16.79	16.80	17.10	18.00	
		HIGH	Q16	16.81	17.03	16.86	18.00	
25		LOW	Q16	16.89	16.98	16.80	18.00	
5		1	LOW	64QAM	17.13	16.98	17.00	18.00
			MID	64QAM	16.95	16.91	16.70	18.00
	HIGH		64QAM	17.16	16.90	16.85	18.00	
	12	LOW	64QAM	17.04	17.07	16.76	18.00	
		MID	64QAM	16.83	16.97	17.12	18.00	
		HIGH	64QAM	16.75	16.93	16.84	18.00	
	25	LOW	64QAM	16.97	16.96	16.67	18.00	
	5	1	LOW	256QAM	14.80	14.85	14.90	16.00
			MID	256QAM	14.87	14.95	14.74	16.00
HIGH			256QAM	14.79	14.88	14.67	16.00	
12		LOW	256QAM	14.66	15.06	14.80	16.00	
		MID	256QAM	14.80	14.70	14.75	16.00	
		HIGH	256QAM	14.99	14.58	14.57	16.00	
25		LOW	256QAM	14.77	14.78	14.95	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10		1	LOW	QPSK	16.71	16.94	16.55	18.00
	MID		QPSK	16.80	16.80	16.64	18.00	
	HIGH		QPSK	16.86	16.81	16.82	18.00	
	25	LOW	QPSK	16.71	16.69	16.54	18.00	
		MID	QPSK	16.68	16.91	16.71	18.00	
		HIGH	QPSK	16.77	16.74	16.80	18.00	
	50	LOW	QPSK	16.95	16.63	16.82	18.00	
	10	1	LOW	Q16	16.84	16.73	16.62	18.00
			MID	Q16	16.77	16.80	16.66	18.00
HIGH			Q16	16.58	16.64	16.48	18.00	
25		LOW	Q16	17.01	16.89	16.87	18.00	
		MID	Q16	16.84	16.73	16.93	18.00	
		HIGH	Q16	16.80	17.04	16.70	18.00	
50		LOW	Q16	16.96	17.08	16.83	18.00	
10		1	LOW	64QAM	16.86	17.03	16.77	18.00
			MID	64QAM	16.88	16.83	16.71	18.00
	HIGH		64QAM	16.94	16.80	16.79	18.00	
	25	LOW	64QAM	16.82	17.08	16.80	18.00	
		MID	64QAM	16.79	17.07	17.19	18.00	
		HIGH	64QAM	16.93	16.89	16.83	18.00	
	50	LOW	64QAM	16.81	17.00	16.71	18.00	
	10	1	LOW	256QAM	14.67	14.98	14.83	16.00
			MID	256QAM	14.80	14.71	14.79	16.00
HIGH			256QAM	14.87	14.83	14.60	16.00	
25		LOW	256QAM	14.91	15.01	14.87	16.00	
		MID	256QAM	14.57	14.70	14.89	16.00	
		HIGH	256QAM	14.89	14.93	14.78	16.00	
50		LOW	256QAM	14.73	14.69	14.83	16.00	

LTE B48-DSI3-ANT7								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	16.79	16.72	16.84	18.00	
		MID	QPSK	16.76	16.97	16.63	18.00	
		HIGH	QPSK	16.67	16.76	16.77	18.00	
	36	LOW	QPSK	17.05	16.91	16.83	18.00	
		MID	QPSK	16.57	16.66	16.79	18.00	
		HIGH	QPSK	16.84	16.66	16.77	18.00	
	75	LOW	QPSK	16.94	16.54	16.86	18.00	
	15	1	LOW	Q16	16.77	16.60	16.71	18.00
			MID	Q16	16.81	16.58	16.42	18.00
HIGH			Q16	16.59	16.59	16.64	18.00	
36		LOW	Q16	17.14	17.00	17.01	18.00	
		MID	Q16	16.80	16.77	17.02	18.00	
		HIGH	Q16	16.90	17.01	16.91	18.00	
75		LOW	Q16	16.88	17.09	16.86	18.00	
15		1	LOW	64QAM	16.81	17.09	16.78	18.00
			MID	64QAM	16.78	16.87	16.64	18.00
	HIGH		64QAM	16.89	17.05	16.94	18.00	
	36	LOW	64QAM	16.75	17.13	16.92	18.00	
		MID	64QAM	16.81	16.99	16.97	18.00	
		HIGH	64QAM	16.84	17.09	16.64	18.00	
	75	LOW	64QAM	16.78	16.94	16.79	18.00	
	15	1	LOW	256QAM	14.91	14.86	14.81	16.00
			MID	256QAM	14.94	14.97	14.84	16.00
HIGH			256QAM	14.66	14.74	14.93	16.00	
36		LOW	256QAM	14.90	14.79	14.87	16.00	
		MID	256QAM	14.64	14.66	14.60	16.00	
		HIGH	256QAM	14.92	14.73	14.72	16.00	
75		LOW	256QAM	14.62	14.89	14.75	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	16.73	16.84	16.72	18.00
	MID		QPSK	16.83	16.85	16.71	18.00	
	HIGH		QPSK	16.73	16.82	16.69	18.00	
	50	LOW	QPSK	16.83	16.73	16.61	18.00	
		MID	QPSK	16.67	16.70	16.77	18.00	
		HIGH	QPSK	16.81	16.79	16.59	18.00	
	100	LOW	QPSK	16.90	16.73	16.70	18.00	
	20	1	LOW	Q16	16.63	16.66	16.62	18.00
			MID	Q16	16.74	16.59	16.60	18.00
HIGH			Q16	16.48	16.64	16.69	18.00	
50		LOW	Q16	17.04	16.98	16.85	18.00	
		MID	Q16	16.69	16.85	17.02	18.00	
		HIGH	Q16	16.90	16.88	16.77	18.00	
100		LOW	Q16	16.91	16.96	16.93	18.00	
20		1	LOW	64QAM	17.03	16.99	16.80	18.00
			MID	64QAM	16.85	16.89	16.79	18.00
	HIGH		64QAM	17.01	16.95	16.87	18.00	
	50	LOW	64QAM	16.93	16.98	16.86	18.00	
		MID	64QAM	16.93	17.01	17.06	18.00	
		HIGH	64QAM	16.87	16.89	16.80	18.00	
	100	LOW	64QAM	16.99	16.94	16.72	18.00	
	20	1	LOW	256QAM	14.72	14.65	14.62	16.00
			MID	256QAM	14.94	14.99	15.03	16.00
HIGH			256QAM	14.63	14.87	14.66	16.00	
50		LOW	256QAM	15.00	14.69	14.74	16.00	
		MID	256QAM	14.72	14.66	14.76	16.00	
		HIGH	256QAM	14.79	14.89	14.62	16.00	
100		LOW	256QAM	14.66	15.07	14.86	16.00	

3.3.13 LTE Band48 Output Power

LTE B48-Full Power-ANT8							
	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)
5	1	LOW	QPSK	21.89	21.65	21.83	23.50
		MID	QPSK	21.72	21.70	21.78	23.50
		HIGH	QPSK	21.67	21.64	21.68	23.50
	12	LOW	QPSK	20.76	20.84	20.79	22.50
		MID	QPSK	21.01	20.75	20.65	22.50
		HIGH	QPSK	20.86	20.82	20.71	22.50
25	LOW	QPSK	20.72	20.72	20.74	22.50	
5	1	LOW	Q16	20.83	20.73	20.91	22.50
		MID	Q16	21.16	20.78	20.74	22.50
		HIGH	Q16	20.90	20.88	20.77	22.50
	12	LOW	Q16	20.03	20.11	19.92	21.50
		MID	Q16	20.02	19.91	19.90	21.50
		HIGH	Q16	20.01	20.09	20.06	21.50
25	LOW	Q16	20.32	19.97	19.98	21.50	
5	1	LOW	64QAM	20.05	19.99	19.97	21.50
		MID	64QAM	20.06	19.99	19.98	21.50
		HIGH	64QAM	20.00	20.10	20.08	21.50
	12	LOW	64QAM	18.93	19.01	19.01	20.50
		MID	64QAM	18.91	19.07	19.21	20.50
		HIGH	64QAM	18.93	18.94	18.84	20.50
25	LOW	64QAM	19.18	18.90	19.00	20.50	
5	1	LOW	256QAM	17.53	17.54	17.52	18.50
		MID	256QAM	17.60	17.46	17.49	18.50
		HIGH	256QAM	17.49	17.58	17.62	18.50
	12	LOW	256QAM	16.53	16.57	16.58	18.50
		MID	256QAM	16.53	16.58	16.79	18.50
		HIGH	256QAM	16.55	16.56	16.58	18.50
25	LOW	256QAM	16.73	16.58	16.57	18.50	
Bandwidth (	RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10	1	LOW	QPSK	21.80	21.66	21.84	23.50
		MID	QPSK	21.74	21.73	21.80	23.50
		HIGH	QPSK	21.88	21.91	21.58	23.50
	25	LOW	QPSK	20.70	20.78	20.66	22.50
		MID	QPSK	20.94	20.72	20.63	22.50
		HIGH	QPSK	20.76	20.73	20.73	22.50
50	LOW	QPSK	20.81	20.68	20.80	22.50	
10	1	LOW	Q16	20.71	20.80	21.02	22.50
		MID	Q16	21.14	20.77	20.88	22.50
		HIGH	Q16	20.87	20.74	20.66	22.50
	25	LOW	Q16	20.27	20.20	19.88	21.50
		MID	Q16	19.95	20.17	20.10	21.50
		HIGH	Q16	20.00	19.97	20.15	21.50
50	LOW	Q16	20.13	20.04	20.21	21.50	
10	1	LOW	64QAM	20.14	20.05	19.78	21.50
		MID	64QAM	20.11	19.94	19.90	21.50
		HIGH	64QAM	20.29	20.16	19.81	21.50
	25	LOW	64QAM	18.86	19.00	19.20	20.50
		MID	64QAM	19.05	18.90	19.08	20.50
		HIGH	64QAM	18.95	18.96	18.83	20.50
50	LOW	64QAM	19.06	19.05	18.97	20.50	
10	1	LOW	256QAM	17.69	17.57	17.33	18.50
		MID	256QAM	17.60	17.48	17.36	18.50
		HIGH	256QAM	17.84	17.66	17.25	18.50
	25	LOW	256QAM	16.54	16.55	16.78	18.50
		MID	256QAM	16.54	16.56	16.59	18.50
		HIGH	256QAM	16.57	16.51	16.55	18.50
50	LOW	256QAM	16.63	16.63	16.54	18.50	

LTE B48-Full Power-ANT8								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	21.65	21.81	21.57	23.50	
		MID	QPSK	21.79	21.70	21.73	23.50	
		HIGH	QPSK	21.72	21.76	21.85	23.50	
	36	LOW	QPSK	20.84	20.98	20.68	22.50	
		MID	QPSK	21.12	20.81	20.66	22.50	
		HIGH	QPSK	20.93	20.85	20.73	22.50	
	75	LOW	QPSK	20.67	20.68	20.63	22.50	
	15	1	LOW	Q16	20.77	20.75	20.92	22.50
			MID	Q16	20.94	20.95	20.64	22.50
HIGH			Q16	20.97	20.72	20.60	22.50	
36		LOW	Q16	19.98	19.95	19.98	21.50	
		MID	Q16	19.89	19.96	19.90	21.50	
		HIGH	Q16	20.06	20.16	20.13	21.50	
75		LOW	Q16	20.16	19.94	20.10	21.50	
15		1	LOW	64QAM	19.94	20.11	19.97	21.50
			MID	64QAM	19.95	20.12	20.15	21.50
	HIGH		64QAM	20.30	20.18	19.87	21.50	
	36	LOW	64QAM	19.01	18.97	19.12	20.50	
		MID	64QAM	19.17	19.11	19.17	20.50	
		HIGH	64QAM	18.90	19.01	18.85	20.50	
	75	LOW	64QAM	19.12	19.14	19.12	20.50	
	15	1	LOW	256QAM	17.45	17.68	17.52	18.50
			MID	256QAM	17.40	17.68	17.68	18.50
HIGH			256QAM	17.74	17.62	17.39	18.50	
36		LOW	256QAM	16.54	16.64	16.57	18.50	
		MID	256QAM	16.71	16.57	16.72	18.50	
		HIGH	256QAM	16.56	16.51	16.56	18.50	
75		LOW	256QAM	16.65	16.68	16.65	18.50	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	22.14	22.23	22.05	23.50
	MID		QPSK	21.82	21.75	21.67	23.50	
	HIGH		QPSK	21.81	21.77	21.72	23.50	
	50	LOW	QPSK	20.71	21.34	20.75	22.50	
		MID	QPSK	21.06	20.83	20.97	22.50	
		HIGH	QPSK	20.85	20.82	20.68	22.50	
100	LOW	QPSK	20.75	20.83	20.77	22.50		
20	1	LOW	Q16	20.74	20.81	20.90	22.50	
		MID	Q16	21.01	20.86	20.73	22.50	
		HIGH	Q16	20.86	20.80	20.75	22.50	
	50	LOW	Q16	20.12	20.08	19.96	21.50	
		MID	Q16	19.87	20.02	20.00	21.50	
		HIGH	Q16	19.91	20.04	20.06	21.50	
	100	LOW	Q16	20.17	20.06	20.06	21.50	
	20	1	LOW	64QAM	20.04	20.05	19.92	21.50
			MID	64QAM	19.99	19.98	20.05	21.50
HIGH			64QAM	20.15	20.03	19.94	21.50	
50		LOW	64QAM	18.97	19.01	19.15	20.50	
		MID	64QAM	19.06	19.05	19.06	20.50	
		HIGH	64QAM	18.85	18.98	18.83	20.50	
100		LOW	64QAM	19.04	19.02	18.98	20.50	
20		1	LOW	256QAM	17.58	17.50	17.47	18.50
			MID	256QAM	17.49	17.56	17.63	18.50
	HIGH		256QAM	17.70	17.57	17.47	18.50	
	50	LOW	256QAM	16.51	16.59	16.68	18.50	
		MID	256QAM	16.52	16.51	16.53	18.50	
		HIGH	256QAM	16.54	16.54	16.54	18.50	
	100	LOW	256QAM	16.58	16.57	16.58	18.50	

LTE B48-DSI1&2&3&4&5-ANT8								
	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	21.89	21.65	21.83	23.50	
		MID	QPSK	21.72	21.70	21.78	23.50	
		HIGH	QPSK	21.67	21.64	21.68	23.50	
	12	LOW	QPSK	20.76	20.84	20.79	22.50	
		MID	QPSK	21.01	20.75	20.65	22.50	
		HIGH	QPSK	20.86	20.82	20.71	22.50	
	25	LOW	QPSK	20.72	20.72	20.74	22.50	
	5	1	LOW	Q16	20.83	20.73	20.91	22.50
			MID	Q16	21.16	20.78	20.74	22.50
HIGH			Q16	20.90	20.88	20.77	22.50	
12		LOW	Q16	20.03	20.11	19.92	21.50	
		MID	Q16	20.02	19.91	19.90	21.50	
		HIGH	Q16	20.01	20.09	20.06	21.50	
25		LOW	Q16	20.32	19.97	19.98	21.50	
5		1	LOW	64QAM	20.05	19.99	19.97	21.50
			MID	64QAM	20.06	19.99	19.98	21.50
	HIGH		64QAM	20.00	20.10	20.08	21.50	
	12	LOW	64QAM	18.93	19.01	19.01	20.50	
		MID	64QAM	18.91	19.07	19.21	20.50	
		HIGH	64QAM	18.93	18.94	18.84	20.50	
	25	LOW	64QAM	19.18	18.90	19.00	20.50	
	5	1	LOW	256QAM	17.53	17.54	17.52	18.50
			MID	256QAM	17.60	17.46	17.49	18.50
HIGH			256QAM	17.49	17.58	17.62	18.50	
12		LOW	256QAM	16.53	16.57	16.58	18.50	
		MID	256QAM	16.53	16.58	16.79	18.50	
		HIGH	256QAM	16.55	16.56	16.58	18.50	
25		LOW	256QAM	16.73	16.58	16.57	18.50	
Bandwidth (RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10		1	LOW	QPSK	21.80	21.66	21.84	23.50
	MID		QPSK	21.74	21.73	21.80	23.50	
	HIGH		QPSK	21.88	21.91	21.58	23.50	
	25	LOW	QPSK	20.70	20.78	20.66	22.50	
		MID	QPSK	20.94	20.72	20.63	22.50	
		HIGH	QPSK	20.76	20.73	20.73	22.50	
	50	LOW	QPSK	20.81	20.68	20.80	22.50	
	10	1	LOW	Q16	20.71	20.80	21.02	22.50
			MID	Q16	21.14	20.77	20.88	22.50
HIGH			Q16	20.87	20.74	20.66	22.50	
25		LOW	Q16	20.27	20.20	19.88	21.50	
		MID	Q16	19.95	20.17	20.10	21.50	
		HIGH	Q16	20.00	19.97	20.15	21.50	
50		LOW	Q16	20.13	20.04	20.21	21.50	
10		1	LOW	64QAM	20.14	20.05	19.78	21.50
			MID	64QAM	20.11	19.94	19.90	21.50
	HIGH		64QAM	20.29	20.16	19.81	21.50	
	25	LOW	64QAM	18.86	19.00	19.20	20.50	
		MID	64QAM	19.05	18.90	19.08	20.50	
		HIGH	64QAM	18.95	18.96	18.83	20.50	
	50	LOW	64QAM	19.06	19.05	18.97	20.50	
	10	1	LOW	256QAM	17.69	17.57	17.33	18.50
			MID	256QAM	17.60	17.48	17.36	18.50
HIGH			256QAM	17.84	17.66	17.25	18.50	
25		LOW	256QAM	16.54	16.55	16.78	18.50	
		MID	256QAM	16.54	16.56	16.59	18.50	
		HIGH	256QAM	16.57	16.51	16.55	18.50	
50		LOW	256QAM	16.63	16.63	16.54	18.50	

LTE B48-DSI1&2&3&4&5-ANT8								
Bandwidth (	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)
15	1	LOW	QPSK	21.65	21.81	21.57	23.50	
		MID	QPSK	21.79	21.70	21.73	23.50	
		HIGH	QPSK	21.72	21.76	21.85	23.50	
	36	LOW	QPSK	20.84	20.98	20.68	22.50	
		MID	QPSK	21.12	20.81	20.66	22.50	
		HIGH	QPSK	20.93	20.85	20.73	22.50	
	75	LOW	QPSK	20.67	20.68	20.63	22.50	
	15	1	LOW	Q16	20.77	20.75	20.92	22.50
			MID	Q16	20.94	20.95	20.64	22.50
HIGH			Q16	20.97	20.72	20.60	22.50	
36		LOW	Q16	19.98	19.95	19.98	21.50	
		MID	Q16	19.89	19.96	19.90	21.50	
		HIGH	Q16	20.06	20.16	20.13	21.50	
75		LOW	Q16	20.16	19.94	20.10	21.50	
15		1	LOW	64QAM	19.94	20.11	19.97	21.50
			MID	64QAM	19.95	20.12	20.15	21.50
	HIGH		64QAM	20.30	20.18	19.87	21.50	
	36	LOW	64QAM	19.01	18.97	19.12	20.50	
		MID	64QAM	19.17	19.11	19.17	20.50	
		HIGH	64QAM	18.90	19.01	18.85	20.50	
	75	LOW	64QAM	19.12	19.14	19.12	20.50	
	15	1	LOW	256QAM	17.45	17.68	17.52	18.50
			MID	256QAM	17.40	17.68	17.68	18.50
HIGH			256QAM	17.74	17.62	17.39	18.50	
36		LOW	256QAM	16.54	16.64	16.57	18.50	
		MID	256QAM	16.71	16.57	16.72	18.50	
		HIGH	256QAM	16.56	16.51	16.56	18.50	
75		LOW	256QAM	16.65	16.68	16.65	18.50	
Bandwidth (RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	22.14	22.23	22.05	23.50
	MID		QPSK	21.82	21.75	21.67	23.50	
	HIGH		QPSK	21.81	21.77	21.72	23.50	
	50	LOW	QPSK	20.71	21.34	20.75	22.50	
		MID	QPSK	21.06	20.83	20.97	22.50	
		HIGH	QPSK	20.85	20.82	20.68	22.50	
	100	LOW	QPSK	20.75	20.83	20.77	22.50	
	20	1	LOW	Q16	20.74	20.81	20.90	22.50
			MID	Q16	21.01	20.86	20.73	22.50
HIGH			Q16	20.86	20.80	20.75	22.50	
50		LOW	Q16	20.12	20.08	19.96	21.50	
		MID	Q16	19.87	20.02	20.00	21.50	
		HIGH	Q16	19.91	20.04	20.06	21.50	
100		LOW	Q16	20.17	20.06	20.06	21.50	
20		1	LOW	64QAM	20.04	20.05	19.92	21.50
			MID	64QAM	19.99	19.98	20.05	21.50
	HIGH		64QAM	20.15	20.03	19.94	21.50	
	50	LOW	64QAM	18.97	19.01	19.15	20.50	
		MID	64QAM	19.06	19.05	19.06	20.50	
		HIGH	64QAM	18.85	18.98	18.83	20.50	
	100	LOW	64QAM	19.04	19.02	18.98	20.50	
	20	1	LOW	256QAM	17.58	17.50	17.47	18.50
			MID	256QAM	17.49	17.56	17.63	18.50
HIGH			256QAM	17.70	17.57	17.47	18.50	
50		LOW	256QAM	16.51	16.59	16.68	18.50	
		MID	256QAM	16.52	16.51	16.53	18.50	
		HIGH	256QAM	16.54	16.54	16.54	18.50	
100		LOW	256QAM	16.58	16.57	16.58	18.50	

8.3.13 LTE Band48 Output Power

LTE B48-Full Power-ANT9								
	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	19.19	19.28	19.11	21.00	
		MID	QPSK	19.08	19.01	19.06	21.00	
		HIGH	QPSK	19.25	19.11	19.06	21.00	
	12	LOW	QPSK	19.13	18.89	18.69	20.00	
		MID	QPSK	19.08	18.95	18.94	20.00	
		HIGH	QPSK	19.16	19.14	18.93	20.00	
25	LOW	QPSK	19.12	18.83	18.99	20.00		
5	1	LOW	Q16	19.08	19.11	18.84	20.00	
		MID	Q16	19.30	19.13	19.23	20.00	
		HIGH	Q16	19.08	19.05	18.99	20.00	
	12	LOW	Q16	17.58	17.62	17.34	19.00	
		MID	Q16	17.71	17.59	17.45	19.00	
		HIGH	Q16	17.57	17.49	17.66	19.00	
	25	LOW	Q16	17.38	17.61	17.56	19.00	
	5	1	LOW	64QAM	17.40	17.65	17.90	19.00
			MID	64QAM	17.48	17.69	17.49	19.00
HIGH			64QAM	17.64	17.67	17.38	19.00	
12		LOW	64QAM	16.47	16.71	16.44	18.00	
		MID	64QAM	16.83	16.72	16.48	18.00	
		HIGH	64QAM	16.76	16.69	16.65	18.00	
25	LOW	64QAM	16.53	16.48	16.61	18.00		
5	1	LOW	256QAM	14.15	14.06	14.02	16.00	
		MID	256QAM	14.27	14.05	14.11	16.00	
		HIGH	256QAM	14.05	14.31	14.35	16.00	
	12	LOW	256QAM	14.88	14.95	15.11	16.00	
		MID	256QAM	15.16	15.14	15.03	16.00	
		HIGH	256QAM	14.89	14.92	15.19	16.00	
25	LOW	256QAM	14.83	15.15	14.91	16.00		
Bandwidth (	RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10	1	LOW	QPSK	19.22	19.06	19.06	21.00	
		MID	QPSK	19.22	19.14	19.13	21.00	
		HIGH	QPSK	19.29	19.30	19.06	21.00	
	25	LOW	QPSK	19.22	19.06	18.71	20.00	
		MID	QPSK	19.00	19.13	19.00	20.00	
		HIGH	QPSK	19.03	18.97	19.11	20.00	
50	LOW	QPSK	18.96	19.00	19.02	20.00		
10	1	LOW	Q16	19.12	19.18	18.87	20.00	
		MID	Q16	19.31	19.17	19.09	20.00	
		HIGH	Q16	19.04	19.09	19.04	20.00	
	25	LOW	Q16	17.41	17.55	17.50	19.00	
		MID	Q16	17.65	17.54	17.58	19.00	
		HIGH	Q16	17.71	17.62	17.65	19.00	
50	LOW	Q16	17.52	17.55	17.63	19.00		
10	1	LOW	64QAM	17.36	17.70	17.79	19.00	
		MID	64QAM	17.52	17.69	17.46	19.00	
		HIGH	64QAM	17.76	17.56	17.61	19.00	
	25	LOW	64QAM	16.65	16.53	16.51	18.00	
		MID	64QAM	16.66	16.68	16.37	18.00	
		HIGH	64QAM	16.66	16.55	16.73	18.00	
50	LOW	64QAM	16.57	16.58	16.70	18.00		
10	1	LOW	256QAM	14.29	14.11	14.27	16.00	
		MID	256QAM	14.04	14.27	14.18	16.00	
		HIGH	256QAM	14.18	14.04	14.14	16.00	
	25	LOW	256QAM	14.92	15.16	14.81	16.00	
		MID	256QAM	15.29	15.27	15.29	16.00	
		HIGH	256QAM	15.00	14.90	14.92	16.00	
50	LOW	256QAM	15.03	14.75	14.92	16.00		

LTE B48-Full Power-ANT9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	19.16	19.16	19.12	21.00	
		MID	QPSK	19.10	19.17	19.14	21.00	
		HIGH	QPSK	19.22	19.29	19.05	21.00	
	36	LOW	QPSK	18.97	18.83	18.95	20.00	
		MID	QPSK	19.18	19.13	18.89	20.00	
		HIGH	QPSK	18.99	19.11	19.13	20.00	
	75	LOW	QPSK	18.95	18.97	18.89	20.00	
	15	1	LOW	Q16	18.92	18.99	19.08	20.00
			MID	Q16	19.28	19.08	19.23	20.00
HIGH			Q16	19.07	19.30	19.23	20.00	
36		LOW	Q16	17.57	17.52	17.50	19.00	
		MID	Q16	17.71	17.46	17.55	19.00	
		HIGH	Q16	17.55	17.55	17.44	19.00	
75		LOW	Q16	17.48	17.58	17.52	19.00	
15		1	LOW	64QAM	17.37	17.70	17.87	19.00
			MID	64QAM	17.46	17.63	17.42	19.00
	HIGH		64QAM	17.57	17.68	17.56	19.00	
	36	LOW	64QAM	16.42	16.70	16.53	18.00	
		MID	64QAM	16.59	16.45	16.46	18.00	
		HIGH	64QAM	16.82	16.41	16.59	18.00	
	75	LOW	64QAM	16.46	16.56	16.77	18.00	
	15	1	LOW	256QAM	14.16	14.07	14.18	16.00
			MID	256QAM	14.24	14.12	14.23	16.00
HIGH			256QAM	14.12	14.32	14.06	16.00	
36		LOW	256QAM	14.94	15.05	15.13	16.00	
		MID	256QAM	15.29	15.27	15.06	16.00	
		HIGH	256QAM	14.92	14.94	15.04	16.00	
75		LOW	256QAM	14.97	15.00	14.79	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	19.08	19.13	19.05	21.00
	MID		QPSK	19.15	19.15	19.12	21.00	
	HIGH		QPSK	19.14	19.18	19.11	21.00	
	50	LOW	QPSK	19.10	18.96	18.83	20.00	
		MID	QPSK	19.10	18.99	18.86	20.00	
		HIGH	QPSK	19.10	19.04	19.04	20.00	
100	LOW	QPSK	19.06	18.97	18.90	20.00		
20	1	LOW	Q16	19.01	19.13	18.99	20.00	
		MID	Q16	19.25	19.16	19.17	20.00	
		HIGH	Q16	19.06	19.15	19.14	20.00	
	50	LOW	Q16	17.46	17.57	17.49	19.00	
		MID	Q16	17.58	17.60	17.49	19.00	
		HIGH	Q16	17.61	17.58	17.55	19.00	
100	LOW	Q16	17.41	17.56	17.48	19.00		
20	1	LOW	64QAM	17.49	17.62	17.75	19.00	
		MID	64QAM	17.53	17.54	17.46	19.00	
		HIGH	64QAM	17.63	17.62	17.52	19.00	
	50	LOW	64QAM	16.53	16.58	16.56	18.00	
		MID	64QAM	16.69	16.58	16.46	18.00	
		HIGH	64QAM	16.68	16.54	16.60	18.00	
100	LOW	64QAM	16.60	16.54	16.62	18.00		
20	1	LOW	256QAM	14.23	14.04	14.05	16.00	
		MID	256QAM	14.15	14.03	14.14	16.00	
		HIGH	256QAM	14.27	14.27	14.05	16.00	
	50	LOW	256QAM	14.96	15.04	15.07	16.00	
		MID	256QAM	14.97	15.07	14.90	16.00	
		HIGH	256QAM	14.94	14.97	15.09	16.00	
100	LOW	256QAM	14.87	15.18	14.89	16.00		

LTE B48-DS11&5-ANT9							
	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)
5	1	LOW	QPSK	15.76	15.69	15.59	17.50
		MID	QPSK	15.57	15.70	15.55	17.50
		HIGH	QPSK	15.66	15.63	15.65	17.50
	12	LOW	QPSK	15.57	15.62	15.68	17.50
		MID	QPSK	15.64	15.61	15.62	17.50
		HIGH	QPSK	15.79	15.61	15.69	17.50
25	LOW	QPSK	15.69	15.55	15.69	17.50	
5	1	LOW	Q16	15.56	15.64	15.73	17.50
		MID	Q16	15.57	15.59	15.61	17.50
		HIGH	Q16	15.57	15.56	15.80	17.50
	12	LOW	Q16	15.80	15.58	15.56	17.50
		MID	Q16	15.55	15.66	15.68	17.50
		HIGH	Q16	15.68	15.80	15.68	17.50
25	LOW	Q16	15.73	15.69	15.68	17.50	
5	1	LOW	64QAM	15.68	15.70	15.78	17.50
		MID	64QAM	15.68	15.61	15.72	17.50
		HIGH	64QAM	15.74	15.57	15.59	17.50
	12	LOW	64QAM	16.47	16.71	16.44	17.50
		MID	64QAM	16.83	16.72	16.48	17.50
		HIGH	64QAM	16.76	16.69	16.65	17.50
25	LOW	64QAM	16.53	16.48	16.61	17.50	
5	1	LOW	256QAM	14.30	14.23	14.22	16.00
		MID	256QAM	14.29	14.27	14.27	16.00
		HIGH	256QAM	14.17	14.28	14.28	16.00
	12	LOW	256QAM	14.23	14.29	14.17	16.00
		MID	256QAM	14.11	14.28	14.26	16.00
		HIGH	256QAM	14.26	14.22	14.08	16.00
25	LOW	256QAM	14.26	14.19	14.17	16.00	
Bandwidth (	RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10	1	LOW	QPSK	15.68	15.56	15.68	17.50
		MID	QPSK	15.69	15.79	15.76	17.50
		HIGH	QPSK	15.78	15.77	15.74	17.50
	25	LOW	QPSK	15.57	15.62	15.76	17.50
		MID	QPSK	15.64	15.60	15.68	17.50
		HIGH	QPSK	15.74	15.58	15.77	17.50
50	LOW	QPSK	15.66	15.64	15.67	17.50	
10	1	LOW	Q16	15.68	15.67	15.77	17.50
		MID	Q16	15.61	15.55	15.63	17.50
		HIGH	Q16	15.67	15.75	15.64	17.50
	25	LOW	Q16	15.78	15.73	15.75	17.50
		MID	Q16	15.80	15.74	15.57	17.50
		HIGH	Q16	15.78	15.77	15.74	17.50
50	LOW	Q16	15.66	15.77	15.61	17.50	
10	1	LOW	64QAM	15.57	15.65	15.55	17.50
		MID	64QAM	15.63	15.62	15.69	17.50
		HIGH	64QAM	15.70	15.79	15.65	17.50
	25	LOW	64QAM	16.65	16.53	16.51	17.50
		MID	64QAM	16.66	16.68	16.37	17.50
		HIGH	64QAM	16.66	16.55	16.73	17.50
50	LOW	64QAM	16.57	16.58	16.70	17.50	
10	1	LOW	256QAM	14.11	14.14	14.26	16.00
		MID	256QAM	14.15	14.24	14.18	16.00
		HIGH	256QAM	14.10	14.29	14.21	16.00
	25	LOW	256QAM	14.26	14.29	14.28	16.00
		MID	256QAM	14.09	14.12	14.19	16.00
		HIGH	256QAM	14.28	14.29	14.10	16.00
50	LOW	256QAM	14.15	14.26	14.07	16.00	

LTE B48-DS11&5-ANT9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	15.67	15.75	15.79	17.50	
		MID	QPSK	15.77	15.58	15.69	17.50	
		HIGH	QPSK	15.68	15.79	15.65	17.50	
	36	LOW	QPSK	15.58	15.64	15.57	17.50	
		MID	QPSK	15.55	15.65	15.74	17.50	
		HIGH	QPSK	15.55	15.72	15.75	17.50	
	75	LOW	QPSK	15.56	15.75	15.64	17.50	
	15	1	LOW	Q16	15.68	15.66	15.61	17.50
			MID	Q16	15.72	15.68	15.77	17.50
HIGH			Q16	15.80	15.62	15.72	17.50	
36		LOW	Q16	15.78	15.70	15.74	17.50	
		MID	Q16	15.76	15.63	15.67	17.50	
		HIGH	Q16	15.78	15.65	15.73	17.50	
75		LOW	Q16	15.60	15.70	15.70	17.50	
15		1	LOW	64QAM	15.66	15.71	15.63	17.50
			MID	64QAM	15.74	15.67	15.71	17.50
	HIGH		64QAM	15.60	15.60	15.62	17.50	
	36	LOW	64QAM	16.42	16.70	16.53	17.50	
		MID	64QAM	16.59	16.45	16.46	17.50	
		HIGH	64QAM	16.82	16.41	16.59	17.50	
	75	LOW	64QAM	16.46	16.56	16.77	17.50	
	15	1	LOW	256QAM	14.21	14.22	14.20	16.00
			MID	256QAM	14.23	14.12	14.08	16.00
HIGH			256QAM	14.30	14.22	14.12	16.00	
36		LOW	256QAM	14.09	14.12	14.09	16.00	
		MID	256QAM	14.15	14.16	14.09	16.00	
		HIGH	256QAM	14.14	14.08	14.13	16.00	
75		LOW	256QAM	14.10	14.25	14.23	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	15.76	15.73	15.73	17.50
	MID		QPSK	15.67	15.58	15.57	17.50	
	HIGH		QPSK	15.58	15.80	15.58	17.50	
	50	LOW	QPSK	15.74	15.75	15.56	17.50	
		MID	QPSK	15.75	15.78	15.72	17.50	
		HIGH	QPSK	15.69	15.70	15.70	17.50	
	100	LOW	QPSK	15.71	15.55	15.62	17.50	
	20	1	LOW	Q16	15.60	15.68	15.71	17.50
			MID	Q16	15.68	15.59	15.74	17.50
HIGH			Q16	15.63	15.66	15.60	17.50	
50		LOW	Q16	15.76	15.56	15.56	17.50	
		MID	Q16	15.78	15.55	15.66	17.50	
		HIGH	Q16	15.74	15.72	15.74	17.50	
100		LOW	Q16	15.68	15.72	15.71	17.50	
20		1	LOW	64QAM	15.61	15.64	15.71	17.50
			MID	64QAM	15.56	15.79	15.72	17.50
	HIGH		64QAM	15.73	15.66	15.56	17.50	
	50	LOW	64QAM	16.53	16.58	16.56	17.50	
		MID	64QAM	16.69	16.58	16.46	17.50	
		HIGH	64QAM	16.68	16.54	16.60	17.50	
	100	LOW	64QAM	16.60	16.54	16.62	17.50	
	20	1	LOW	256QAM	14.23	14.28	14.11	16.00
			MID	256QAM	14.21	14.13	14.08	16.00
HIGH			256QAM	14.12	14.30	14.26	16.00	
50		LOW	256QAM	14.27	14.24	14.26	16.00	
		MID	256QAM	14.15	14.13	14.26	16.00	
		HIGH	256QAM	14.15	14.05	14.11	16.00	
100		LOW	256QAM	14.29	14.14	14.15	16.00	

LTE B48-DSI2&3&4-ANT9								
	RB Size	RB offset	Modulation	55265	55990	56715	Tune-up power(dBm)	
5	1	LOW	QPSK	19.19	19.28	19.11	21.00	
		MID	QPSK	19.08	19.01	19.06	21.00	
		HIGH	QPSK	19.25	19.11	19.06	21.00	
	12	LOW	QPSK	19.13	18.89	18.69	20.00	
		MID	QPSK	19.08	18.95	18.94	20.00	
		HIGH	QPSK	19.16	19.14	18.93	20.00	
25	LOW	QPSK	19.12	18.83	18.99	20.00		
5	1	LOW	Q16	19.08	19.11	18.84	20.00	
		MID	Q16	19.30	19.13	19.23	20.00	
		HIGH	Q16	19.08	19.05	18.99	20.00	
	12	LOW	Q16	17.58	17.62	17.34	19.00	
		MID	Q16	17.71	17.59	17.45	19.00	
		HIGH	Q16	17.57	17.49	17.66	19.00	
	25	LOW	Q16	17.38	17.61	17.56	19.00	
	5	1	LOW	64QAM	17.40	17.65	17.90	19.00
			MID	64QAM	17.48	17.69	17.49	19.00
HIGH			64QAM	17.64	17.67	17.38	19.00	
12		LOW	64QAM	16.47	16.71	16.44	18.00	
		MID	64QAM	16.83	16.72	16.48	18.00	
		HIGH	64QAM	16.76	16.69	16.65	18.00	
25	LOW	64QAM	16.53	16.48	16.61	18.00		
5	1	LOW	256QAM	14.15	14.06	14.02	16.00	
		MID	256QAM	14.27	14.05	14.11	16.00	
		HIGH	256QAM	14.05	14.31	14.35	16.00	
	12	LOW	256QAM	14.88	14.95	15.11	16.00	
		MID	256QAM	15.16	15.14	15.03	16.00	
		HIGH	256QAM	14.89	14.92	15.19	16.00	
25	LOW	256QAM	14.83	15.15	14.91	16.00		
Bandwidth (	RB Size	RB offset	Modulation	55290	55990	56690	Tune-up power(dBm)
10	1	LOW	QPSK	19.22	19.06	19.06	21.00	
		MID	QPSK	19.22	19.14	19.13	21.00	
		HIGH	QPSK	19.29	19.30	19.06	21.00	
	25	LOW	QPSK	19.22	19.06	18.71	20.00	
		MID	QPSK	19.00	19.13	19.00	20.00	
		HIGH	QPSK	19.03	18.97	19.11	20.00	
50	LOW	QPSK	18.96	19.00	19.02	20.00		
10	1	LOW	Q16	19.12	19.18	18.87	20.00	
		MID	Q16	19.31	19.17	19.09	20.00	
		HIGH	Q16	19.04	19.09	19.04	20.00	
	25	LOW	Q16	17.41	17.55	17.50	19.00	
		MID	Q16	17.65	17.54	17.58	19.00	
		HIGH	Q16	17.71	17.62	17.65	19.00	
50	LOW	Q16	17.52	17.55	17.63	19.00		
10	1	LOW	64QAM	17.36	17.70	17.79	19.00	
		MID	64QAM	17.52	17.69	17.46	19.00	
		HIGH	64QAM	17.76	17.56	17.61	19.00	
	25	LOW	64QAM	16.65	16.53	16.51	18.00	
		MID	64QAM	16.66	16.68	16.37	18.00	
		HIGH	64QAM	16.66	16.55	16.73	18.00	
50	LOW	64QAM	16.57	16.58	16.70	18.00		
10	1	LOW	256QAM	14.29	14.11	14.27	16.00	
		MID	256QAM	14.04	14.27	14.18	16.00	
		HIGH	256QAM	14.18	14.04	14.14	16.00	
	25	LOW	256QAM	14.92	15.16	14.81	16.00	
		MID	256QAM	15.29	15.27	15.29	16.00	
		HIGH	256QAM	15.00	14.90	14.92	16.00	
50	LOW	256QAM	15.03	14.75	14.92	16.00		

LTE B48-DSI2&3&4-ANT9								
Bandwidth (MHz)	RB Size	RB offset	Modulation	55315	55990	56665	Tune-up power(dBm)	
15	1	LOW	QPSK	19.16	19.16	19.12	21.00	
		MID	QPSK	19.10	19.17	19.14	21.00	
		HIGH	QPSK	19.22	19.29	19.05	21.00	
	36	LOW	QPSK	18.97	18.83	18.95	20.00	
		MID	QPSK	19.18	19.13	18.89	20.00	
		HIGH	QPSK	18.99	19.11	19.13	20.00	
	75	LOW	QPSK	18.95	18.97	18.89	20.00	
	15	1	LOW	Q16	18.92	18.99	19.08	20.00
			MID	Q16	19.28	19.08	19.23	20.00
HIGH			Q16	19.07	19.30	19.23	20.00	
36		LOW	Q16	17.57	17.52	17.50	19.00	
		MID	Q16	17.71	17.46	17.55	19.00	
		HIGH	Q16	17.55	17.55	17.44	19.00	
75		LOW	Q16	17.48	17.58	17.52	19.00	
15		1	LOW	64QAM	17.37	17.70	17.87	19.00
			MID	64QAM	17.46	17.63	17.42	19.00
	HIGH		64QAM	17.57	17.68	17.56	19.00	
	36	LOW	64QAM	16.42	16.70	16.53	18.00	
		MID	64QAM	16.59	16.45	16.46	18.00	
		HIGH	64QAM	16.82	16.41	16.59	18.00	
	75	LOW	64QAM	16.46	16.56	16.77	18.00	
	15	1	LOW	256QAM	14.16	14.07	14.18	16.00
			MID	256QAM	14.24	14.12	14.23	16.00
HIGH			256QAM	14.12	14.32	14.06	16.00	
36		LOW	256QAM	14.94	15.05	15.13	16.00	
		MID	256QAM	15.29	15.27	15.06	16.00	
		HIGH	256QAM	14.92	14.94	15.04	16.00	
75		LOW	256QAM	14.97	15.00	14.79	16.00	
Bandwidth (MHz)		RB Size	RB offset	Modulation	55340	55990	56640	Tune-up power(dBm)
20		1	LOW	QPSK	19.08	19.13	19.05	21.00
	MID		QPSK	19.15	19.15	19.12	21.00	
	HIGH		QPSK	19.14	19.18	19.11	21.00	
	50	LOW	QPSK	19.10	18.96	18.83	20.00	
		MID	QPSK	19.10	18.99	18.86	20.00	
		HIGH	QPSK	19.10	19.04	19.04	20.00	
	100	LOW	QPSK	19.06	18.97	18.90	20.00	
	20	1	LOW	Q16	19.01	19.13	18.99	20.00
			MID	Q16	19.25	19.16	19.17	20.00
HIGH			Q16	19.06	19.15	19.14	20.00	
50		LOW	Q16	17.46	17.57	17.49	19.00	
		MID	Q16	17.58	17.60	17.49	19.00	
		HIGH	Q16	17.61	17.58	17.55	19.00	
100		LOW	Q16	17.41	17.56	17.48	19.00	
20		1	LOW	64QAM	17.49	17.62	17.75	19.00
			MID	64QAM	17.53	17.54	17.46	19.00
	HIGH		64QAM	17.63	17.62	17.52	19.00	
	50	LOW	64QAM	16.53	16.58	16.56	18.00	
		MID	64QAM	16.69	16.58	16.46	18.00	
		HIGH	64QAM	16.68	16.54	16.60	18.00	
	100	LOW	64QAM	16.60	16.54	16.62	18.00	
	20	1	LOW	256QAM	14.23	14.04	14.05	16.00
			MID	256QAM	14.15	14.03	14.14	16.00
HIGH			256QAM	14.27	14.27	14.05	16.00	
50		LOW	256QAM	14.96	15.04	15.07	16.00	
		MID	256QAM	14.97	15.07	14.90	16.00	
		HIGH	256QAM	14.94	14.97	15.09	16.00	
100		LOW	256QAM	14.87	15.18	14.89	16.00	

8.4.1 LTE Band7 Uplink CA Output Power

LTE Uplink 2CA Band 7-ANT2 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.62	25.50
21100	21298	20	QPSK	1	High	1	Low	2	23.73	25.50
21350	21152	20	QPSK	1	Low	1	High	2	23.58	25.50

LTE Uplink 2CA Band 7-ANT2 DS1&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	15.31	17.00
21100	21298	20	QPSK	1	High	1	Low	2	15.42	17.00
21350	21152	20	QPSK	1	Low	1	High	2	15.52	17.00

LTE Uplink 2CA Band 7-ANT2 DS1&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.62	25.50
21100	21298	20	QPSK	1	High	1	Low	2	23.73	25.50
21350	21152	20	QPSK	1	Low	1	High	2	23.58	25.50

LTE Uplink 2CA Band 7-ANT2 DS13										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.08	19.50
21100	21298	20	QPSK	1	High	1	Low	2	18.12	19.50
21350	21152	20	QPSK	1	Low	1	High	2	18.13	19.50

LTE Uplink 2CA Band 7-ANT3 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.59	25.00
21100	21298	20	QPSK	1	High	1	Low	2	23.32	25.00
21350	21152	20	QPSK	1	Low	1	High	2	23.34	25.00

LTE Uplink 2CA Band 7-ANT3 DSI1&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.59	25.00
21100	21298	20	QPSK	1	High	1	Low	2	23.32	25.00
21350	21152	20	QPSK	1	Low	1	High	2	23.34	25.00

LTE Uplink 2CA Band 7-ANT3 DSI2&3&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	19.28	21.00
21100	21298	20	QPSK	1	High	1	Low	2	19.30	21.00
21350	21152	20	QPSK	1	Low	1	High	2	19.19	21.00

LTE Uplink 2CA Band 7-ANT4 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	23.04	24.00
21100	21298	20	QPSK	1	High	1	Low	2	22.83	24.00
21350	21152	20	QPSK	1	Low	1	High	2	22.80	24.00

LTE Uplink 2CA Band 7-ANT4 DSI1&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	15.53	17.00
21100	21298	20	QPSK	1	High	1	Low	2	15.64	17.00
21350	21152	20	QPSK	1	Low	1	High	2	15.36	17.00

LTE Uplink 2CA Band 7-ANT4 DSI2&3&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	16.45	18.00
21100	21298	20	QPSK	1	High	1	Low	2	16.46	18.00
21350	21152	20	QPSK	1	Low	1	High	2	16.38	18.00

LTE Uplink 2CA_Band 7-ANT5 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	19.07	21.00
21100	21298	20	QPSK	1	High	1	Low	2	19.27	21.00
21350	21152	20	QPSK	1	Low	1	High	2	19.08	21.00

LTE Uplink 2CA_Band 7-ANT5 DS11										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	19.07	21.00
21100	21298	20	QPSK	1	High	1	Low	2	19.27	21.00
21350	21152	20	QPSK	1	Low	1	High	2	19.08	21.00

LTE Uplink 2CA_Band 7-ANT5 DS12&3&4&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
20850	21048	20	QPSK	1	High	1	Low	2	18.57	20.00
21100	21298	20	QPSK	1	High	1	Low	2	18.30	20.00
21350	21152	20	QPSK	1	Low	1	High	2	18.40	20.00

8.4.2 LTE Band38 Uplink CA Output Power

LTE Uplink 2CA Band 38-ANT2 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	3	23.70	25.50
38099	37901	20	QPSK	1	Low	1	High	3	23.82	25.50
38150	37952	20	QPSK	1	Low	1	High	3	23.62	25.50

LTE Uplink 2CA Band 38-ANT2 DSI1&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	16.76	18.50
38099	37901	20	QPSK	1	Low	1	High	2	16.94	18.50
38150	37952	20	QPSK	1	Low	1	High	2	16.87	18.50

LTE Uplink 2CA Band 38-ANT2 DSI2&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.70	25.50
38099	37901	20	QPSK	1	Low	1	High	2	23.82	25.50
38150	37952	20	QPSK	1	Low	1	High	2	23.62	25.50

LTE Uplink 2CA Band 38-ANT2 DSI3										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	19.77	21.50
38099	37901	20	QPSK	1	Low	1	High	2	19.81	21.50
38150	37952	20	QPSK	1	Low	1	High	2	19.80	21.50

LTE Uplink 2CA Band 38-ANT3 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.45	24.00
38099	37901	20	QPSK	1	Low	1	High	2	23.47	24.00
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.00

LTE Uplink 2CA Band 38-ANT3 DSI1&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.45	24.00
38099	37901	20	QPSK	1	Low	1	High	2	23.47	24.00
38150	37952	20	QPSK	1	Low	1	High	2	23.14	24.00

LTE Uplink 2CA Band 38-ANT3 DSI2&3&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	22.03	23.00
38099	37901	20	QPSK	1	Low	1	High	2	22.13	23.00
38150	37952	20	QPSK	1	Low	1	High	2	22.14	23.00

LTE Uplink 2CA Band 38-ANT4 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	23.49	24.50
38099	37901	20	QPSK	1	Low	1	High	2	23.72	24.50
38150	37952	20	QPSK	1	Low	1	High	2	23.80	24.50

LTE Uplink 2CA Band 38-ANT4 DSI1&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	18.09	19.00
38099	37901	20	QPSK	1	Low	1	High	2	18.16	19.00
38150	37952	20	QPSK	1	Low	1	High	2	18.22	19.00

LTE Uplink 2CA Band 38-ANT4 DSI2&3&4										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	19.93	21.00
38099	37901	20	QPSK	1	Low	1	High	2	20.03	21.00
38150	37952	20	QPSK	1	Low	1	High	2	20.02	21.00

LTE Uplink 2CA Band 38-ANT5 Full power										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.90	22.00
38099	37901	20	QPSK	1	Low	1	High	2	21.02	22.00
38150	37952	20	QPSK	1	Low	1	High	2	20.77	22.00

LTE Uplink 2CA Band 38-ANT5 DSI1&2&3&4&5										
Combination 20MHz+20MHz(100RB+100RB)										
PCC	SCC	Bandwidth	Modulation	PCC		SCC		Total RB Size	Measured Power (dBm)	Max. tune-up power (dBm)
				RB Size	RB Pos.	RB Size	RB Pos.			
37850	38048	20	QPSK	1	High	1	Low	2	20.90	22.00
38099	37901	20	QPSK	1	Low	1	High	2	21.02	22.00
38150	37952	20	QPSK	1	Low	1	High	2	20.77	22.00

8.5.1 NR Band2 Output Power

N2-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	22.92	22.84	22.93	23.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
10	DFT-s-OFDM QPSK	RB Size	RB offset	1855	836.5	1905	
		1	1	22.75	23.00	22.86	23.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
15	DFT-s-OFDM QPSK	RB Size	RB offset	1857.5	836.5	1902.5	
		1	1	22.85	22.98	22.82	23.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
20	DFT-s-OFDM BPSK	RB Size	RB offset	1860	1880	1900	
		1	1	22.73	22.76	22.87	23.50
		1	53	22.75	22.89	22.85	23.50
	DFT-s-OFDM BPSK	1	104	22.82	22.78	22.79	23.50
		50	0	22.21	22.24	22.11	23.50
		50	28	22.62	22.64	22.49	23.50
	DFT-s-OFDM BPSK	50	56	22.52	22.35	22.40	23.50
		100	0	22.48	22.35	22.17	22.50
		1	1	22.76	22.87	22.78	23.50
	DFT-s-OFDM QPSK	1	53	22.88	22.76	22.81	23.50
		1	104	22.77	22.82	22.88	23.50
		50	0	22.12	22.31	22.11	23.50
	DFT-s-OFDM QPSK	50	28	22.76	22.46	22.46	23.50
		50	56	22.59	22.23	22.20	23.50
		100	0	22.40	22.43	22.13	22.50
	DFT-s-OFDM QPSK	1	1	21.74	21.86	21.89	22.50
	DFT-s-OFDM 16QAM	1	1	20.21	20.17	20.03	21.00
	DFT-s-OFDM 64QAM	1	1	18.52	18.44	18.64	19.00
	DFT-s-OFDM 256QAM	1	1	21.38	21.23	21.05	22.00
	CP-OFDM QPSK	1	1	20.97	20.91	20.85	21.50
CP-OFDM 16QAM	1	1	18.83	18.87	18.81	20.00	
CP-OFDM 64QAM	1	1	16.11	16.09	16.12	17.00	
CP-OFDM 256QAM	1	1					

N2-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	18.58	18.42	18.53	19.00
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
		RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM QPSK	1	1	18.22	18.56	18.36	19.00
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
		RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM QPSK	1	1	18.35	18.58	18.31	19.00
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
		RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	18.19	18.29	18.37	19.00
		1	53	18.32	18.44	18.24	19.00
		1	104	18.23	18.20	18.45	19.00
	DFT-s-OFDM BPSK	50	0	18.19	18.19	18.01	19.00
		50	28	18.66	18.67	18.62	19.00
		50	56	18.47	18.30	18.51	19.00
	DFT-s-OFDM BPSK	100	0	18.52	18.42	18.24	19.00
	DFT-s-OFDM QPSK	1	1	18.32	18.51	18.33	19.00
		1	53	18.36	18.31	18.26	19.00
		1	104	18.34	18.39	18.44	19.00
	DFT-s-OFDM QPSK	50	0	18.24	18.33	18.03	19.00
		50	28	18.79	18.47	18.60	19.00
		50	56	18.50	18.30	18.15	19.00
	DFT-s-OFDM QPSK	100	0	18.38	18.49	18.16	19.00
	DFT-s-OFDM 16QAM	1	1	18.40	18.26	18.46	19.00
	DFT-s-OFDM 64QAM	1	1	18.10	18.13	17.94	19.00
	DFT-s-OFDM 256QAM	1	1	18.49	18.50	18.61	19.00
CP-OFDM QPSK	1	1	18.47	18.33	17.97	19.00	
CP-OFDM 16QAM	1	1	18.01	17.78	17.95	19.00	
CP-OFDM 64QAM	1	1	18.28	18.41	18.52	19.00	
CP-OFDM 256QAM	1	1	16.03	16.01	16.09	17.00	

N2-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	22.92	22.84	22.93	23.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
		RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM QPSK	1	1	22.75	23.00	22.86	23.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
		RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM QPSK	1	1	22.85	22.98	22.82	23.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
		RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	22.73	22.76	22.87	23.50
		1	53	22.75	22.89	22.85	23.50
		1	104	22.82	22.78	22.79	23.50
	DFT-s-OFDM BPSK	50	0	22.21	22.24	22.11	23.50
		50	28	22.62	22.64	22.49	23.50
		50	56	22.52	22.35	22.40	23.50
	DFT-s-OFDM BPSK	100	0	22.48	22.35	22.17	22.50
	DFT-s-OFDM QPSK	1	1	22.76	22.87	22.78	23.50
		1	53	22.88	22.76	22.81	23.50
		1	104	22.77	22.82	22.88	23.50
	DFT-s-OFDM QPSK	50	0	22.12	22.31	22.11	23.50
		50	28	22.76	22.46	22.46	23.50
		50	56	22.59	22.23	22.20	23.50
	DFT-s-OFDM QPSK	100	0	22.40	22.43	22.13	22.50
	DFT-s-OFDM 16QAM	1	1	21.74	21.86	21.89	22.50
	DFT-s-OFDM 64QAM	1	1	20.21	20.17	20.03	21.00
	DFT-s-OFDM 256QAM	1	1	18.52	18.44	18.64	19.00
CP-OFDM QPSK	1	1	21.38	21.23	21.05	22.00	
CP-OFDM 16QAM	1	1	20.97	20.91	20.85	21.50	
CP-OFDM 64QAM	1	1	18.83	18.87	18.81	20.00	
CP-OFDM 256QAM	1	1	16.11	16.09	16.12	17.00	

N2-ANT2 DS13

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	21.07	21.00	20.83	21.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
10	DFT-s-OFDM QPSK	1	1	20.87	20.99	20.80	21.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
15	DFT-s-OFDM QPSK	1	1	20.79	21.01	20.97	21.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
20	DFT-s-OFDM BPSK	1	1	20.86	20.71	20.79	21.50
		1	53	20.68	20.73	20.79	21.50
		1	104	20.73	20.90	20.83	21.50
	DFT-s-OFDM BPSK	50	0	20.61	20.86	20.55	21.50
		50	28	21.01	21.24	21.02	21.50
		50	56	20.94	20.74	20.91	21.50
	DFT-s-OFDM BPSK	100	0	20.97	21.01	20.65	21.50
	DFT-s-OFDM QPSK	1	1	20.65	20.77	20.76	21.50
		1	53	20.85	20.87	20.97	21.50
		1	104	20.78	20.78	21.03	21.50
	DFT-s-OFDM QPSK	50	0	20.72	20.93	20.74	21.50
		50	28	21.23	21.08	20.94	21.50
		50	56	21.17	20.83	20.81	21.50
	DFT-s-OFDM QPSK	100	0	21.01	21.08	20.59	21.50
	DFT-s-OFDM 16QAM	1	1	20.75	20.93	20.86	21.50
	DFT-s-OFDM 64QAM	1	1	20.34	20.32	20.16	21.00
	DFT-s-OFDM 256QAM	1	1	18.55	18.50	18.64	19.00
CP-OFDM QPSK	1	1	21.04	20.76	20.56	21.50	
CP-OFDM 16QAM	1	1	20.38	20.53	20.36	21.50	
CP-OFDM 64QAM	1	1	18.76	18.95	19.99	20.00	
CP-OFDM 256QAM	1	1	16.17	16.23	16.12	17.00	

8.5.1 NR Band2 Output Power

N2-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	22.34	22.50	22.56	23.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
10	DFT-s-OFDM QPSK	RB Size	RB offset	1855	836.5	1905	
		1	1	22.06	22.39	22.53	23.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
15	DFT-s-OFDM QPSK	RB Size	RB offset	1857.5	836.5	1902.5	
		1	1	22.08	22.25	22.69	23.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
20	DFT-s-OFDM BPSK	RB Size	RB offset	1860	1880	1900	
		1	1	22.34	22.41	22.37	23.50
		1	53	22.31	22.46	22.42	23.50
	DFT-s-OFDM BPSK	1	104	22.40	22.42	22.26	23.50
		50	0	21.95	22.01	22.19	23.50
		50	28	22.33	22.36	22.36	23.50
	DFT-s-OFDM BPSK	50	56	22.02	22.03	21.96	23.50
		100	0	21.87	21.85	22.02	22.50
		1	1	22.20	22.32	22.56	23.50
	DFT-s-OFDM QPSK	1	53	22.18	22.39	22.29	23.50
		1	104	22.56	22.26	22.44	23.50
		50	0	22.12	22.20	22.35	23.50
	DFT-s-OFDM QPSK	50	28	22.19	22.12	22.41	23.50
		50	56	21.94	22.15	21.77	23.50
		100	0	21.82	21.93	22.09	22.50
	DFT-s-OFDM QPSK	1	1	21.63	21.53	21.57	22.50
	DFT-s-OFDM 16QAM	1	1	20.32	20.19	20.35	21.00
	DFT-s-OFDM 64QAM	1	1	18.07	17.89	17.86	19.00
	DFT-s-OFDM 256QAM	1	1	20.78	20.91	20.75	22.00
	CP-OFDM QPSK	1	1	20.07	20.11	20.01	21.50
CP-OFDM 16QAM	1	1	18.81	18.80	18.77	20.00	
CP-OFDM 64QAM	1	1	15.53	15.57	15.56	17.00	
CP-OFDM 256QAM	1	1					

N2-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	22.34	22.50	22.56	23.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
10	DFT-s-OFDM QPSK	RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM QPSK	1	1	22.06	22.39	22.53	23.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
15	DFT-s-OFDM QPSK	RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM QPSK	1	1	22.08	22.25	22.69	23.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
20	DFT-s-OFDM BPSK	RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	22.34	22.41	22.37	23.50
		1	53	22.31	22.46	22.42	23.50
		1	104	22.40	22.42	22.26	23.50
	DFT-s-OFDM BPSK	50	0	21.95	22.01	22.19	23.50
		50	28	22.33	22.36	22.36	23.50
		50	56	22.02	22.03	21.96	23.50
	DFT-s-OFDM BPSK	100	0	21.87	21.85	22.02	22.50
	DFT-s-OFDM QPSK	1	1	22.20	22.32	22.56	23.50
		1	53	22.18	22.39	22.29	23.50
		1	104	22.56	22.26	22.44	23.50
	DFT-s-OFDM QPSK	50	0	22.12	22.20	22.35	23.50
		50	28	22.19	22.12	22.41	23.50
		50	56	21.94	22.15	21.77	23.50
	DFT-s-OFDM QPSK	100	0	21.82	21.93	22.09	22.50
	DFT-s-OFDM 16QAM	1	1	21.63	21.53	21.57	22.50
	DFT-s-OFDM 64QAM	1	1	20.32	20.19	20.35	21.00
	DFT-s-OFDM 256QAM	1	1	18.07	17.89	17.86	19.00
CP-OFDM QPSK	1	1	20.78	20.91	20.75	22.00	
CP-OFDM 16QAM	1	1	20.07	20.11	20.01	21.50	
CP-OFDM 64QAM	1	1	18.81	18.80	18.77	20.00	
CP-OFDM 256QAM	1	1	15.53	15.57	15.56	17.00	

N2-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		375000	376000	381500	Tune-up power(dB)
		RB Size	RB offset	1852.5	1880	1907.5	
5	DFT-s-OFDM QPSK	1	1	21.21	21.51	21.70	22.50
Bandwidth (MHz)	Modulation	Channel		371000	167300	381000	Tune-up power(dB)
10	DFT-s-OFDM QPSK	RB Size	RB offset	1855	836.5	1905	
10	DFT-s-OFDM QPSK	1	1	21.00	21.35	21.43	22.50
Bandwidth (MHz)	Modulation	Channel		371500	167300	380500	Tune-up power(dB)
15	DFT-s-OFDM QPSK	RB Size	RB offset	1857.5	836.5	1902.5	
15	DFT-s-OFDM QPSK	1	1	20.96	21.15	21.62	22.50
Bandwidth (MHz)	Modulation	Channel		372000	376000	380000	Tune-up power(dB)
20	DFT-s-OFDM BPSK	RB Size	RB offset	1860	1880	1900	
20	DFT-s-OFDM BPSK	1	1	21.41	21.53	21.48	22.50
		1	53	21.60	21.75	21.73	22.50
		1	104	21.68	21.65	21.34	22.50
	DFT-s-OFDM BPSK	50	0	21.38	21.48	21.85	22.50
		50	28	21.97	21.99	21.97	22.50
		50	56	21.46	21.66	21.60	22.50
	DFT-s-OFDM BPSK	100	0	21.32	21.49	21.56	22.50
	DFT-s-OFDM QPSK	1	1	21.75	21.72	22.05	22.50
		1	53	21.58	21.96	21.89	22.50
		1	104	22.14	21.82	22.09	22.50
	DFT-s-OFDM QPSK	50	0	21.72	21.64	21.76	22.50
		50	28	21.62	21.55	21.93	22.50
		50	56	21.35	21.60	21.21	22.50
	DFT-s-OFDM QPSK	100	0	21.70	21.92	22.08	22.50
	DFT-s-OFDM 16QAM	1	1	21.54	21.60	21.73	22.50
	DFT-s-OFDM 64QAM	1	1	20.25	20.21	20.49	21.00
	DFT-s-OFDM 256QAM	1	1	18.15	17.87	17.92	19.00
	CP-OFDM QPSK	1	1	20.91	20.85	20.71	22.00
CP-OFDM 16QAM	1	1	20.00	20.24	19.94	21.50	
CP-OFDM 64QAM	1	1	18.90	18.67	18.89	20.00	
CP-OFDM 256QAM	1	1	15.69	15.67	15.61	17.00	

8.5.2 NR Band5 Output Power

N5-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.84	24.47	24.52	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.88	24.91	24.76	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.85	24.75	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.86	24.77	24.89	25.50
		1	53	24.87	24.73	24.70	25.50
		1	104	24.69	24.74	24.56	25.50
	DFT-s-OFDM BPSK	50	0	24.32	24.33	24.53	25.50
		50	28	24.60	24.67	24.88	25.50
		50	56	24.21	24.28	24.24	25.50
	DFT-s-OFDM BPSK	100	0	23.86	23.83	23.87	24.50
		1	1	24.92	24.76	24.73	25.50
	DFT-s-OFDM QPSK	1	53	24.98	24.77	24.49	25.50
		1	104	24.84	24.69	24.58	25.50
		50	0	24.35	24.32	24.67	25.50
	DFT-s-OFDM QPSK	50	28	24.74	24.49	24.98	25.50
		50	56	24.18	24.29	24.17	25.50
		100	0	23.79	23.97	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.69	23.55	23.59	24.50
	DFT-s-OFDM 64QAM	1	1	22.23	22.50	22.43	23.00
	DFT-s-OFDM 256QAM	1	1	20.14	20.16	20.30	21.00
	CP-OFDM QPSK	1	1	23.14	23.18	23.22	24.00
	CP-OFDM 16QAM	1	1	22.66	22.71	22.56	23.50
	CP-OFDM 64QAM	1	1	21.34	21.27	21.30	22.00
CP-OFDM 256QAM	1	1	18.32	18.23	18.39	19.00	

N5-ANT0 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.84	24.47	24.52	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.88	24.91	24.76	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.85	24.75	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.86	24.77	24.89	25.50
		1	53	24.87	24.73	24.70	25.50
		1	104	24.69	24.74	24.56	25.50
	DFT-s-OFDM BPSK	50	0	24.32	24.33	24.53	25.50
		50	28	24.60	24.67	24.88	25.50
		50	56	24.21	24.28	24.24	25.50
	DFT-s-OFDM BPSK	100	0	23.86	23.83	23.87	24.50
		1	1	24.92	24.76	24.73	25.50
	DFT-s-OFDM QPSK	1	53	24.98	24.77	24.49	25.50
		1	104	24.84	24.69	24.58	25.50
		50	0	24.35	24.32	24.67	25.50
	DFT-s-OFDM QPSK	50	28	24.74	24.49	24.98	25.50
		50	56	24.18	24.29	24.17	25.50
		100	0	23.79	23.97	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.69	23.55	23.59	24.50
	DFT-s-OFDM 64QAM	1	1	22.23	22.50	22.43	23.00
	DFT-s-OFDM 256QAM	1	1	20.14	20.16	20.30	21.00
	CP-OFDM QPSK	1	1	23.14	23.18	23.22	24.00
CP-OFDM 16QAM	1	1	22.66	22.71	22.56	23.50	
CP-OFDM 64QAM	1	1	21.34	21.27	21.30	22.00	
CP-OFDM 256QAM	1	1	18.32	18.23	18.39	19.00	

8.5.2 NR Band5 Output Power

N5-ANT1 Full power

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.73	25.02	24.40	26.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.93	25.02	24.73	26.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.99	25.17	24.58	26.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.82	24.99	24.79	26.00
		1	53	24.89	24.86	24.88	26.00
		1	104	24.77	24.74	24.70	26.00
	DFT-s-OFDM BPSK	50	0	24.59	24.55	24.62	26.00
		50	28	25.14	24.97	25.18	26.00
		50	56	24.64	24.44	24.62	26.00
	DFT-s-OFDM BPSK	100	0	24.39	24.33	24.31	25.00
		1	1	24.86	24.96	24.62	26.00
	DFT-s-OFDM QPSK	1	53	24.78	24.87	24.89	26.00
		1	104	24.64	24.75	24.68	26.00
		50	0	24.56	24.33	24.51	26.00
	DFT-s-OFDM QPSK	50	28	24.87	24.73	25.08	26.00
		50	56	24.49	24.57	24.82	26.00
		100	0	24.60	24.43	24.52	25.00
	DFT-s-OFDM 16QAM	1	1	23.82	23.84	23.94	25.00
	DFT-s-OFDM 64QAM	1	1	22.73	22.61	22.71	23.50
	DFT-s-OFDM 256QAM	1	1	20.80	20.56	20.42	21.50
	CP-OFDM QPSK	1	1	23.76	23.67	23.82	24.50
CP-OFDM 16QAM	1	1	22.86	22.94	22.82	24.00	
CP-OFDM 64QAM	1	1	21.62	21.55	21.39	22.50	
CP-OFDM 256QAM	1	1	18.14	18.22	18.15	19.50	

N5-ANT1 DS1&5

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	22.74	23.08	22.44	24.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	22.90	23.04	22.76	24.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.04	23.12	22.52	24.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	22.77	22.99	22.76	24.00
		1	53	22.93	22.89	22.86	24.00
		1	104	22.85	22.76	22.67	24.00
	DFT-s-OFDM BPSK	50	0	22.54	22.52	22.69	24.00
		50	28	23.14	22.99	23.19	24.00
		50	56	22.59	22.44	22.69	24.00
	DFT-s-OFDM BPSK	100	0	22.39	22.37	22.31	24.00
		1	1	22.92	23.01	22.57	24.00
	DFT-s-OFDM QPSK	1	53	22.86	22.88	22.97	24.00
		1	104	22.65	22.69	22.69	24.00
		50	0	22.52	22.38	22.59	24.00
	DFT-s-OFDM QPSK	50	28	22.94	22.71	23.13	24.00
		50	56	22.45	22.62	22.86	24.00
		100	0	22.61	22.38	22.59	24.00
	DFT-s-OFDM 16QAM	1	1	23.78	23.91	23.90	24.00
	DFT-s-OFDM 64QAM	1	1	22.80	22.58	22.77	23.50
	DFT-s-OFDM 256QAM	1	1	20.86	20.50	20.39	21.50
	CP-OFDM QPSK	1	1	23.82	23.73	23.80	24.00
CP-OFDM 16QAM	1	1	22.88	22.98	22.79	24.00	
CP-OFDM 64QAM	1	1	21.66	21.49	21.43	22.50	
CP-OFDM 256QAM	1	1	18.15	18.27	18.17	19.50	

N5-ANT1 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.24	24.51	23.96	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.39	24.53	24.28	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.52	24.67	24.05	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.31	24.56	24.37	25.50
		1	53	24.43	24.30	24.41	25.50
		1	104	24.24	24.24	24.14	25.50
	DFT-s-OFDM BPSK	50	0	24.12	24.12	24.06	25.50
		50	28	24.59	24.55	24.73	25.50
		50	56	24.20	23.97	24.12	25.50
	DFT-s-OFDM BPSK	100	0	23.88	23.82	23.75	25.50
		1	1	24.38	24.42	24.07	25.50
	DFT-s-OFDM QPSK	1	53	24.30	24.31	24.35	25.50
		1	104	24.18	24.28	24.22	25.50
		50	0	24.14	23.77	24.07	25.50
	DFT-s-OFDM QPSK	50	28	24.31	24.17	24.62	25.50
		50	56	24.01	24.04	24.33	25.50
		100	0	24.68	24.38	24.54	25.00
	DFT-s-OFDM 16QAM	1	1	23.78	23.88	23.91	25.00
	DFT-s-OFDM 64QAM	1	1	22.71	22.57	22.74	23.50
	DFT-s-OFDM 256QAM	1	1	20.88	20.57	20.37	21.50
	CP-OFDM QPSK	1	1	23.81	23.66	23.88	24.50
	CP-OFDM 16QAM	1	1	22.94	22.88	22.86	24.00
	CP-OFDM 64QAM	1	1	21.60	21.61	21.35	22.50
CP-OFDM 256QAM	1	1	18.19	18.23	18.23	19.50	

8.5.2 NR Band5 Output Power(ENDC)

N5-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.84	24.47	24.52	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.88	24.91	24.76	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.85	24.75	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.86	24.77	24.89	25.50
		1	53	24.87	24.73	24.70	25.50
		1	104	24.69	24.74	24.56	25.50
	DFT-s-OFDM BPSK	50	0	24.32	24.33	24.53	25.50
		50	28	24.60	24.67	24.88	25.50
		50	56	24.21	24.28	24.24	25.50
	DFT-s-OFDM BPSK	100	0	23.86	23.83	23.87	24.50
		1	1	24.92	24.76	24.73	25.50
	DFT-s-OFDM QPSK	1	1	24.98	24.77	24.49	25.50
		1	53	24.84	24.69	24.58	25.50
		1	104	24.84	24.69	24.58	25.50
	DFT-s-OFDM QPSK	50	0	24.35	24.32	24.67	25.50
		50	28	24.74	24.49	24.98	25.50
		50	56	24.18	24.29	24.17	25.50
	DFT-s-OFDM QPSK	100	0	23.79	23.97	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.69	23.55	23.59	24.50
	DFT-s-OFDM 64QAM	1	1	22.23	22.50	22.43	23.00
DFT-s-OFDM 256QAM	1	1	20.14	20.16	20.30	21.00	
CP-OFDM QPSK	1	1	23.14	23.18	23.22	24.00	
CP-OFDM 16QAM	1	1	22.66	22.71	22.56	23.50	
CP-OFDM 64QAM	1	1	21.34	21.27	21.30	22.00	
CP-OFDM 256QAM	1	1	18.32	18.23	18.39	19.00	

N5-ANT0 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.84	24.47	24.52	25.50
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.88	24.91	24.76	25.50
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.85	24.75	24.45	25.50
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.86	24.77	24.89	25.50
		1	53	24.87	24.73	24.70	25.50
		1	104	24.69	24.74	24.56	25.50
	DFT-s-OFDM BPSK	50	0	24.32	24.33	24.53	25.50
		50	28	24.60	24.67	24.88	25.50
		50	56	24.21	24.28	24.24	25.50
	DFT-s-OFDM BPSK	100	0	23.86	23.83	23.87	24.50
		1	1	24.92	24.76	24.73	25.50
	DFT-s-OFDM QPSK	1	1	24.98	24.77	24.49	25.50
		1	53	24.84	24.69	24.58	25.50
		1	104	24.84	24.69	24.58	25.50
	DFT-s-OFDM QPSK	50	0	24.35	24.32	24.67	25.50
		50	28	24.74	24.49	24.98	25.50
		50	56	24.18	24.29	24.17	25.50
	DFT-s-OFDM QPSK	100	0	23.79	23.97	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.69	23.55	23.59	24.50
	DFT-s-OFDM 64QAM	1	1	22.23	22.50	22.43	23.00
DFT-s-OFDM 256QAM	1	1	20.14	20.16	20.30	21.00	
CP-OFDM QPSK	1	1	23.14	23.18	23.22	24.00	
CP-OFDM 16QAM	1	1	22.66	22.71	22.56	23.50	
CP-OFDM 64QAM	1	1	21.34	21.27	21.30	22.00	
CP-OFDM 256QAM	1	1	18.32	18.23	18.39	19.00	

8.5.2 NR Band5 Output Power(ENDC)

N5-ANT1 Full power

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.73	25.02	24.40	26.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	24.93	25.02	24.73	26.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.99	25.17	24.58	26.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	24.82	24.99	24.79	26.00
		1	53	24.89	24.86	24.88	26.00
		1	104	24.77	24.74	24.70	26.00
	DFT-s-OFDM BPSK	50	0	24.59	24.55	24.62	26.00
		50	28	25.14	24.97	25.18	26.00
		50	56	24.64	24.44	24.62	26.00
	DFT-s-OFDM BPSK	100	0	24.39	24.33	24.31	25.00
	DFT-s-OFDM QPSK	1	1	24.86	24.96	24.62	26.00
		1	53	24.78	24.87	24.89	26.00
		1	104	24.64	24.75	24.68	26.00
	DFT-s-OFDM QPSK	50	0	24.56	24.33	24.51	26.00
		50	28	24.87	24.73	25.08	26.00
		50	56	24.49	24.57	24.82	26.00
	DFT-s-OFDM QPSK	100	0	24.60	24.43	24.52	25.00
	DFT-s-OFDM 16QAM	1	1	23.82	23.84	23.94	25.00
	DFT-s-OFDM 64QAM	1	1	22.73	22.61	22.71	23.50
	DFT-s-OFDM 256QAM	1	1	20.80	20.56	20.42	21.50
CP-OFDM QPSK	1	1	23.76	23.67	23.82	24.50	
CP-OFDM 16QAM	1	1	22.86	22.94	22.82	24.00	
CP-OFDM 64QAM	1	1	21.62	21.55	21.39	22.50	
CP-OFDM 256QAM	1	1	18.14	18.22	18.15	19.50	

N5-ANT1 DS11&5

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	20.71	20.61	20.69	22.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	20.56	20.53	20.72	22.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	20.83	20.66	20.62	22.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	20.53	20.89	20.59	22.00
		1	53	20.76	20.56	20.61	22.00
		1	104	20.88	20.73	20.88	22.00
	DFT-s-OFDM BPSK	50	0	20.64	20.68	20.53	22.00
		50	28	20.68	20.56	20.60	22.00
		50	56	20.64	20.77	20.87	22.00
	DFT-s-OFDM BPSK	100	0	20.64	20.52	20.53	22.00
	DFT-s-OFDM QPSK	1	1	20.74	20.67	20.69	22.00
		1	53	20.54	20.85	20.73	22.00
		1	104	20.78	20.82	20.86	22.00
	DFT-s-OFDM QPSK	50	0	20.50	20.73	20.55	22.00
		50	28	20.55	20.80	20.72	22.00
		50	56	20.84	20.74	20.56	22.00
	DFT-s-OFDM QPSK	100	0	20.50	20.66	20.89	22.00
	DFT-s-OFDM 16QAM	1	1	20.83	20.58	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	20.54	20.86	20.70	22.00
	DFT-s-OFDM 256QAM	1	1	20.03	20.28	20.00	21.50
	CP-OFDM QPSK	1	1	20.80	20.89	20.55	22.00
CP-OFDM 16QAM	1	1	20.69	20.78	20.63	22.00	
CP-OFDM 64QAM	1	1	20.82	20.68	20.55	22.00	
CP-OFDM 256QAM	1	1	18.16	18.28	18.07	19.50	

N5-ANT1 DS12&3&4

Bandwidth (MHz)	Modulation	Channel		165300	167300	169300	Tune-up power(dB)
		RB Size	RB offset	826.5	836.5	846.5	
5	DFT-s-OFDM QPSK	1	1	21.90	21.58	21.87	23.00
Bandwidth (MHz)	Modulation	Channel		165800	167300	168800	Tune-up power(dB)
		RB Size	RB offset	829	836.5	844	
10	DFT-s-OFDM QPSK	1	1	21.53	21.79	21.55	23.00
Bandwidth (MHz)	Modulation	Channel		166300	167300	168300	Tune-up power(dB)
		RB Size	RB offset	831.5	836.5	841.5	
15	DFT-s-OFDM QPSK	1	1	21.60	21.78	21.84	23.00
Bandwidth (MHz)	Modulation	Channel		166800	167300	167800	Tune-up power(dB)
		RB Size	RB offset	834	836.5	839	
20	DFT-s-OFDM BPSK	1	1	21.83	21.77	21.88	23.00
		1	53	21.60	21.85	21.85	23.00
		1	104	21.74	21.67	21.76	23.00
	DFT-s-OFDM BPSK	50	0	21.71	21.74	21.52	23.00
		50	28	21.75	21.77	21.69	23.00
		50	56	21.77	21.77	21.90	23.00
	DFT-s-OFDM BPSK	100	0	21.71	21.55	21.79	23.00
	DFT-s-OFDM QPSK	1	1	21.65	21.51	21.70	23.00
		1	53	21.87	21.63	21.54	23.00
		1	104	21.51	21.50	21.51	23.00
	DFT-s-OFDM QPSK	50	0	21.90	21.51	21.81	23.00
		50	28	21.64	21.83	21.50	23.00
		50	56	21.74	21.53	21.59	23.00
	DFT-s-OFDM QPSK	100	0	21.63	21.77	21.76	23.00
	DFT-s-OFDM 16QAM	1	1	21.81	21.78	21.55	23.00
	DFT-s-OFDM 64QAM	1	1	21.66	21.88	21.52	23.00
	DFT-s-OFDM 256QAM	1	1	20.36	20.14	20.13	21.50
	CP-OFDM QPSK	1	1	21.75	21.58	21.59	23.00
CP-OFDM 16QAM	1	1	21.60	21.62	21.69	23.00	
CP-OFDM 64QAM	1	1	21.31	21.00	21.31	22.50	
CP-OFDM 256QAM	1	1	18.40	18.06	18.11	19.50	

8.5.3 NR Band7 Output Power

N7-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	25.48	24.78	24.84	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	25.10	24.51	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	25.21	24.84	24.74	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	25.21	25.07	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	25.21	25.18	25.17	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	25.05	25.14	25.18	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	25.15	25.16	25.09	25.50
		1	108	25.12	24.90	25.01	25.50
		1	214	24.81	24.49	24.97	25.50
	DFT-s-OFDM BPSK	108	0	24.54	24.58	24.62	25.50
		108	54	24.69	24.78	24.84	25.50
		108	108	24.45	24.60	24.41	25.50
	DFT-s-OFDM BPSK	216	0	24.35	24.31	24.43	24.50
		1	1	25.28	24.68	24.94	25.50
		1	108	25.27	24.83	25.17	25.50
	DFT-s-OFDM QPSK	1	214	24.68	24.33	25.00	25.50
		108	0	24.34	24.49	24.52	25.50
		108	54	24.58	24.12	24.70	25.50
	DFT-s-OFDM QPSK	108	108	24.33	24.64	24.28	25.50
		216	0	24.32	24.18	24.26	24.50
		1	1	24.16	24.13	23.97	24.50
	DFT-s-OFDM 16QAM	1	1	22.95	22.78	22.92	23.00
	DFT-s-OFDM 64QAM	1	1	20.89	20.94	20.86	21.00
	CP-OFDM QPSK	1	1	23.04	23.19	23.10	24.00
	CP-OFDM 16QAM	1	1	22.67	22.78	22.93	23.50
	CP-OFDM 64QAM	1	1	21.47	21.46	21.50	22.00
CP-OFDM 256QAM	1	1	18.23	18.39	18.23	19.00	

N7-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	16.97	16.26	16.33	17.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	16.68	15.94	16.49	17.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	16.65	16.37	16.14	17.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	16.60	16.59	16.50	17.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	16.79	16.61	16.66	17.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	16.50	16.60	16.56	17.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	16.67	16.57	16.48	17.00
		1	108	16.63	16.39	16.52	17.00
		1	214	16.19	16.07	16.40	17.00
	DFT-s-OFDM BPSK	108	0	15.99	16.14	16.09	17.00
		108	54	16.08	16.32	16.27	17.00
		108	108	15.84	16.02	15.87	17.00
	DFT-s-OFDM BPSK	216	0	16.20	16.31	16.24	17.00
		1	1	16.41	16.35	16.21	17.00
		1	108	16.36	16.38	16.22	17.00
	DFT-s-OFDM QPSK	1	214	16.35	16.47	16.19	17.00
		108	0	16.47	16.48	16.38	17.00
		108	54	16.18	16.39	16.40	17.00
	DFT-s-OFDM QPSK	108	108	16.39	16.21	16.26	17.00
		216	0	16.41	16.45	16.18	17.00
		1	1	16.45	16.27	16.19	17.00
	DFT-s-OFDM 16QAM	1	1	16.23	16.33	16.36	17.00
	DFT-s-OFDM 64QAM	1	1	16.27	16.22	16.43	17.00
	CP-OFDM QPSK	1	1	16.39	16.43	16.42	17.00
	CP-OFDM 16QAM	1	1	16.29	16.31	16.30	17.00
	CP-OFDM 64QAM	1	1	16.44	16.42	16.29	17.00
CP-OFDM 256QAM	1	1	16.23	16.30	16.23	17.00	

N7-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	25.48	24.78	24.84	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	25.10	24.51	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	25.21	24.84	24.74	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	25.21	25.07	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	25.21	25.18	25.17	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	25.05	25.14	25.18	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	25.15	25.16	25.09	25.50
		1	108	25.12	24.90	25.01	25.50
		1	214	24.81	24.49	24.97	25.50
	DFT-s-OFDM BPSK	108	0	24.54	24.58	24.62	25.50
		108	54	24.69	24.78	24.84	25.50
		108	108	24.45	24.60	24.41	25.50
	DFT-s-OFDM BPSK	216	0	24.35	24.31	24.43	24.50
		1	1	25.28	24.68	24.94	25.50
		1	108	25.27	24.83	25.17	25.50
	DFT-s-OFDM QPSK	1	214	24.68	24.33	25.00	25.50
		108	0	24.34	24.49	24.52	25.50
		108	54	24.58	24.12	24.70	25.50
	DFT-s-OFDM QPSK	108	108	24.33	24.64	24.28	25.50
		216	0	24.32	24.18	24.26	24.50
		1	1	24.16	24.13	23.97	24.50
	DFT-s-OFDM 16QAM	1	1	22.95	22.78	22.92	23.00
	DFT-s-OFDM 64QAM	1	1	20.89	20.94	20.86	21.00
	CP-OFDM QPSK	1	1	23.04	23.19	23.10	24.00
	CP-OFDM 16QAM	1	1	22.67	22.78	22.93	23.50
	CP-OFDM 64QAM	1	1	21.47	21.46	21.50	22.00
CP-OFDM 256QAM	1	1	18.23	18.39	18.23	19.00	

N7-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.94	19.29	19.32	20.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	19.62	19.02	19.61	20.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	19.72	19.29	19.21	20.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	19.64	19.64	19.53	20.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	19.75	19.76	19.72	20.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	19.54	19.61	19.63	20.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	19.68	19.43	19.55	20.00
		1	108	19.64	19.43	19.57	20.00
		1	214	19.24	19.03	19.43	20.00
	DFT-s-OFDM BPSK	108	0	19.08	19.05	19.14	20.00
		108	54	19.19	19.24	19.35	20.00
		108	108	18.99	19.09	18.88	20.00
	DFT-s-OFDM BPSK	216	0	19.47	19.18	19.36	20.00
		1	1	19.36	19.23	19.42	20.00
		1	108	19.20	19.18	19.34	20.00
	DFT-s-OFDM QPSK	1	214	19.25	19.19	19.30	20.00
		108	0	19.46	19.24	19.29	20.00
		108	54	19.20	19.37	19.41	20.00
	DFT-s-OFDM QPSK	108	108	19.28	19.45	19.24	20.00
		216	0	19.43	19.37	19.23	20.00
		1	1	19.23	19.18	19.34	20.00
	DFT-s-OFDM 16QAM	1	1	19.31	19.41	19.35	20.00
	DFT-s-OFDM 64QAM	1	1	19.31	19.41	19.35	20.00
	DFT-s-OFDM 256QAM	1	1	19.25	19.31	19.32	20.00
	CP-OFDM QPSK	1	1	19.30	19.43	19.30	20.00
	CP-OFDM 16QAM	1	1	19.47	19.26	19.47	20.00
CP-OFDM 64QAM	1	1	19.41	19.36	19.28	20.00	
CP-OFDM 256QAM	1	1	18.20	18.34	18.30	19.00	

8.5.3 NR Band7 Output Power

N7-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.28	24.76	24.70	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.33	24.71	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.16	24.91	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.21	24.70	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.15	24.82	24.48	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	24.37	25.00	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	24.35	24.85	24.62	25.50
		1	108	24.80	24.71	24.67	25.50
		1	214	23.94	24.56	24.50	25.50
	DFT-s-OFDM BPSK	108	0	24.46	24.35	24.45	25.50
		108	54	24.43	24.25	24.09	25.50
		108	108	23.79	23.79	23.59	25.50
	DFT-s-OFDM BPSK	216	0	24.42	24.30	24.43	24.50
		1	1	24.23	24.81	24.66	25.50
		1	108	24.87	24.75	24.66	25.50
	DFT-s-OFDM QPSK	1	214	23.99	24.67	24.41	25.50
		108	0	24.32	24.40	24.36	25.50
		108	54	24.34	24.08	24.26	25.50
	DFT-s-OFDM QPSK	108	108	23.91	23.69	23.66	25.50
		216	0	24.24	24.34	24.49	24.50
		1	1	23.64	23.84	23.72	24.50
	DFT-s-OFDM 16QAM	1	1	22.46	22.29	22.18	23.00
	DFT-s-OFDM 64QAM	1	1	20.71	20.78	20.89	21.00
	CP-OFDM QPSK	1	1	23.23	23.28	23.10	24.00
	CP-OFDM 16QAM	1	1	22.82	22.64	22.46	23.50
	CP-OFDM 64QAM	1	1	21.20	21.15	21.19	22.00
CP-OFDM 256QAM	1	1	17.89	18.05	17.91	19.00	

N7-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.28	24.76	24.70	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.33	24.71	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.16	24.91	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.21	24.70	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.15	24.82	24.48	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	24.37	25.00	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	24.35	24.85	24.62	25.50
		1	108	24.80	24.71	24.67	25.50
		1	214	23.94	24.56	24.50	25.50
	DFT-s-OFDM BPSK	108	0	24.46	24.35	24.45	25.50
		108	54	24.43	24.25	24.09	25.50
		108	108	23.79	23.79	23.59	25.50
	DFT-s-OFDM BPSK	216	0	24.42	24.30	24.43	24.50
		1	1	24.23	24.81	24.66	25.50
		1	108	24.87	24.75	24.66	25.50
	DFT-s-OFDM QPSK	1	214	23.99	24.67	24.41	25.50
		108	0	24.32	24.40	24.36	25.50
		108	54	24.34	24.08	24.26	25.50
	DFT-s-OFDM QPSK	108	108	23.91	23.69	23.66	25.50
		216	0	24.24	24.34	24.49	24.50
		1	1	23.64	23.84	23.72	24.50
	DFT-s-OFDM 16QAM	1	1	22.46	22.29	22.18	23.00
	DFT-s-OFDM 64QAM	1	1	20.71	20.78	20.89	21.00
	CP-OFDM QPSK	1	1	23.23	23.28	23.10	24.00
	CP-OFDM 16QAM	1	1	22.82	22.64	22.46	23.50
	CP-OFDM 64QAM	1	1	21.20	21.15	21.19	22.00
CP-OFDM 256QAM	1	1	17.89	18.05	17.91	19.00	

N7-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.69	20.27	20.24	21.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	19.80	20.24	20.31	21.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	19.66	20.46	19.90	21.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	19.61	20.26	19.97	21.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	19.58	20.33	20.02	21.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	19.82	20.58	20.25	21.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	19.86	20.34	20.06	21.00
		1	108	20.17	20.19	20.14	21.00
		1	214	19.43	19.94	20.05	21.00
	DFT-s-OFDM BPSK	108	0	19.86	19.77	20.01	21.00
		108	54	19.82	19.78	19.63	21.00
		108	108	19.27	19.28	19.28	21.00
	DFT-s-OFDM BPSK	216	0	20.05	19.98	20.15	21.00
		1	1	20.16	19.95	20.14	21.00
		1	108	20.12	20.09	20.11	21.00
	DFT-s-OFDM QPSK	1	214	20.12	19.91	20.10	21.00
		108	0	20.04	19.90	20.00	21.00
		108	54	19.98	19.92	20.04	21.00
	DFT-s-OFDM QPSK	108	108	20.01	20.02	19.88	21.00
		216	0	20.07	20.12	20.09	21.00
		1	1	20.16	20.01	20.11	21.00
	DFT-s-OFDM 16QAM	1	1	20.04	20.14	20.17	21.00
	DFT-s-OFDM 64QAM	1	1	20.10	20.06	20.04	21.00
	CP-OFDM QPSK	1	1	20.15	19.92	19.94	21.00
	CP-OFDM 16QAM	1	1	20.07	20.16	19.90	21.00
	CP-OFDM 64QAM	1	1	20.07	20.09	20.16	21.00
CP-OFDM 256QAM	1	1	17.91	18.09	17.80	19.00	

8.5.3 NR Band7 Output Power

N7-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	22.22	22.07	22.32	23.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	22.61	22.41	22.37	23.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	22.43	22.48	22.65	23.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	22.95	22.69	22.77	23.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	22.67	22.91	22.59	23.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	22.91	22.86	22.68	23.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	22.69	22.65	22.71	23.50
		1	108	22.79	22.73	22.69	23.50
		1	214	22.36	22.68	22.49	23.50
	DFT-s-OFDM BPSK	108	0	22.57	22.78	22.72	23.50
		108	54	22.81	22.65	22.72	23.50
		108	108	22.54	22.55	22.61	23.50
	DFT-s-OFDM BPSK	216	0	22.53	22.79	22.76	23.50
		1	1	22.42	22.29	22.63	23.50
		1	108	22.66	22.79	22.68	23.50
	DFT-s-OFDM QPSK	1	214	22.60	22.57	22.70	23.50
		108	0	22.65	22.73	22.83	23.50
		108	54	22.62	22.39	22.83	23.50
	DFT-s-OFDM QPSK	108	108	22.77	22.58	22.59	23.50
		216	0	22.65	22.90	22.69	23.50
		1	1	21.29	21.31	21.30	22.50
	DFT-s-OFDM 16QAM	1	1	19.95	19.90	19.81	21.00
	DFT-s-OFDM 64QAM	1	1	18.49	18.46	18.56	19.00
	CP-OFDM QPSK	1	1	20.29	20.46	20.30	22.00
CP-OFDM 16QAM	1	1	20.28	20.24	20.33	21.50	
CP-OFDM 64QAM	1	1	19.38	19.37	19.47	20.00	
CP-OFDM 256QAM	1	1	17.17	17.08	17.42	18.00	

N7-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	15.29	15.09	15.37	16.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	15.67	15.35	15.41	16.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	15.39	15.38	15.70	16.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	15.97	15.75	15.65	16.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	15.59	15.84	15.48	16.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	15.96	15.93	15.66	16.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	15.70	15.58	15.69	16.50
		1	108	15.79	15.71	15.71	16.50
		1	214	15.34	15.67	15.42	16.50
	DFT-s-OFDM BPSK	108	0	15.56	15.72	15.74	16.50
		108	54	15.86	15.65	15.80	16.50
		108	108	15.60	15.50	15.69	16.50
	DFT-s-OFDM BPSK	216	0	15.60	15.84	15.82	16.50
		1	1	15.39	15.31	15.60	16.50
		1	108	15.74	15.84	15.76	16.50
	DFT-s-OFDM QPSK	1	214	15.67	15.64	15.75	16.50
		108	0	15.61	15.61	15.79	16.50
		108	54	15.60	15.27	15.91	16.50
	DFT-s-OFDM QPSK	108	108	15.65	15.53	15.66	16.50
		216	0	15.58	15.79	15.62	16.50
		1	1	15.45	15.58	15.50	16.50
	DFT-s-OFDM 16QAM	1	1	15.45	15.58	15.50	16.50
	DFT-s-OFDM 64QAM	1	1	15.56	15.58	15.42	16.50
	DFT-s-OFDM 256QAM	1	1	15.54	15.52	15.43	16.50
CP-OFDM QPSK	1	1	15.49	15.55	15.51	16.50	
CP-OFDM 16QAM	1	1	15.45	15.48	15.41	16.50	
CP-OFDM 64QAM	1	1	15.56	15.41	15.54	16.50	
CP-OFDM 256QAM	1	1	15.49	15.48	15.55	16.50	

N7-ANT4 DS1&3&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	17.25	17.04	17.30	18.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	17.68	17.29	17.28	18.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	17.46	17.54	17.71	18.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	17.96	17.76	17.73	18.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	17.75	17.79	17.67	18.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	17.81	17.82	17.70	18.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	17.77	17.60	17.67	18.50
		1	108	17.71	17.68	17.73	18.50
		1	214	17.34	17.71	17.55	18.50
	DFT-s-OFDM BPSK	108	0	17.62	17.85	17.79	18.50
		108	54	17.87	17.56	17.79	18.50
		108	108	17.53	17.55	17.68	18.50
	DFT-s-OFDM BPSK	216	0	17.54	17.68	17.72	18.50
		1	1	17.31	17.31	17.53	18.50
	DFT-s-OFDM QPSK	1	108	17.69	17.67	17.75	18.50
		1	214	17.63	17.46	17.70	18.50
		108	0	17.71	17.81	17.90	18.50
	DFT-s-OFDM QPSK	108	54	17.51	17.40	17.83	18.50
		108	108	17.70	17.65	17.50	18.50
		216	0	17.56	17.96	17.72	18.50
	DFT-s-OFDM 16QAM	1	1	17.50	17.49	17.47	18.50
	DFT-s-OFDM 64QAM	1	1	17.44	17.42	17.45	18.50
	DFT-s-OFDM 256QAM	1	1	17.48	17.52	17.46	18.50
	CP-OFDM QPSK	1	1	17.43	17.50	17.38	18.50
	CP-OFDM 16QAM	1	1	17.44	17.53	17.47	18.50
	CP-OFDM 64QAM	1	1	17.46	17.43	17.52	18.50
CP-OFDM 256QAM	1	1	17.27	17.08	17.39	18.00	

8.5.3 NR Band7 Output Power

N7-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.96	19.65	20.09	21.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	20.12	19.69	20.40	21.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.16	19.83	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.11	20.28	19.88	21.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	20.31	20.11	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	20.23	20.24	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	20.12	20.08	20.08	21.50
		1	108	20.23	20.39	20.14	21.50
		1	214	20.05	19.97	19.94	21.50
	DFT-s-OFDM BPSK	108	0	19.84	19.78	19.68	21.50
		108	54	20.05	20.11	19.92	21.50
		108	108	20.19	20.21	20.26	21.50
	DFT-s-OFDM BPSK	216	0	20.18	20.09	20.04	20.50
		1	1	20.08	19.64	20.27	21.50
		1	108	20.13	20.56	19.99	21.50
	DFT-s-OFDM QPSK	1	214	20.22	20.17	19.90	21.50
		108	0	19.65	19.90	19.52	21.50
		108	54	19.87	19.70	20.03	21.50
	DFT-s-OFDM QPSK	108	108	20.23	20.25	20.44	21.50
		216	0	20.09	20.14	20.13	20.50
		1	1	18.76	18.85	18.71	20.50
	DFT-s-OFDM 16QAM	1	1	17.14	17.12	17.01	19.00
	DFT-s-OFDM 64QAM	1	1	15.38	15.46	15.26	17.00
	CP-OFDM QPSK	1	1	18.07	18.02	18.01	20.00
CP-OFDM 16QAM	1	1	17.96	17.78	17.94	19.50	
CP-OFDM 64QAM	1	1	16.76	16.70	16.57	18.00	
CP-OFDM 256QAM	1	1	14.34	14.32	14.38	15.00	

N7-ANT5 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.96	19.65	20.09	21.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	20.12	19.69	20.40	21.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.16	19.83	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.11	20.28	19.88	21.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	20.31	20.11	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	20.23	20.24	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	20.12	20.08	20.08	21.50
		1	108	20.23	20.39	20.14	21.50
		1	214	20.05	19.97	19.94	21.50
	DFT-s-OFDM BPSK	108	0	19.84	19.78	19.68	21.50
		108	54	20.05	20.11	19.92	21.50
		108	108	20.19	20.21	20.26	21.50
	DFT-s-OFDM BPSK	216	0	20.18	20.09	20.04	20.50
		1	1	20.08	19.64	20.27	21.50
		1	108	20.13	20.56	19.99	21.50
	DFT-s-OFDM QPSK	1	214	20.22	20.17	19.90	21.50
		108	0	19.65	19.90	19.52	21.50
		108	54	19.87	19.70	20.03	21.50
	DFT-s-OFDM QPSK	108	108	20.23	20.25	20.44	21.50
		216	0	20.09	20.14	20.13	20.50
		1	1	18.76	18.85	18.71	20.50
	DFT-s-OFDM 16QAM	1	1	17.14	17.12	17.01	19.00
	DFT-s-OFDM 64QAM	1	1	15.38	15.46	15.26	17.00
	CP-OFDM QPSK	1	1	18.07	18.02	18.01	20.00
CP-OFDM 16QAM	1	1	17.96	17.78	17.94	19.50	
CP-OFDM 64QAM	1	1	16.76	16.70	16.57	18.00	
CP-OFDM 256QAM	1	1	14.34	14.32	14.38	15.00	

8.5.3 NR Band7 Output Power(ENDC)

N7-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	25.48	24.78	24.84	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	25.10	24.51	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	25.21	24.84	24.74	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	25.21	25.07	25.05	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	25.21	25.18	25.17	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	25.05	25.14	25.18	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	25.15	25.16	25.09	25.50
		1	108	25.12	24.90	25.01	25.50
		1	214	24.81	24.49	24.97	25.50
	DFT-s-OFDM BPSK	108	0	24.54	24.58	24.62	25.50
		108	54	24.69	24.78	24.84	25.50
		108	108	24.45	24.60	24.41	25.50
	DFT-s-OFDM BPSK	216	0	24.35	24.31	24.43	24.50
	DFT-s-OFDM QPSK	1	1	25.28	24.68	24.94	25.50
		1	108	25.27	24.83	25.17	25.50
		1	214	24.68	24.33	25.00	25.50
	DFT-s-OFDM QPSK	108	0	24.34	24.49	24.52	25.50
		108	54	24.58	24.12	24.70	25.50
		108	108	24.33	24.64	24.28	25.50
	DFT-s-OFDM QPSK	216	0	24.32	24.18	24.26	24.50
	DFT-s-OFDM 16QAM	1	1	24.16	24.13	23.97	24.50
	DFT-s-OFDM 64QAM	1	1	22.95	22.78	22.92	23.00
DFT-s-OFDM 256QAM	1	1	20.89	20.94	20.86	21.00	
CP-OFDM QPSK	1	1	23.04	23.19	23.10	24.00	
CP-OFDM 16QAM	1	1	22.67	22.78	22.93	23.50	
CP-OFDM 64QAM	1	1	21.47	21.46	21.50	22.00	
CP-OFDM 256QAM	1	1	18.23	18.39	18.23	19.00	

N7-ANT2 DS11&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	14.96	14.76	14.89	15.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	14.92	14.92	14.98	15.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	14.93	14.78	14.75	15.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	14.96	14.84	14.77	15.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	14.84	15.00	14.81	15.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	14.73	14.84	14.88	15.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	14.82	14.96	14.85	15.50
		1	108	14.72	14.97	14.75	15.50
		1	214	14.73	14.90	14.60	15.50
	DFT-s-OFDM BPSK	108	0	14.92	14.76	14.91	15.50
		108	54	14.80	14.69	14.62	15.50
		108	108	14.60	14.84	14.95	15.50
	DFT-s-OFDM BPSK	216	0	14.73	14.67	14.95	15.50
	DFT-s-OFDM QPSK	1	1	14.70	14.84	14.61	15.50
		1	108	14.86	14.92	14.61	15.50
		1	214	14.99	14.61	14.64	15.50
	DFT-s-OFDM QPSK	108	0	14.92	14.79	14.70	15.50
		108	54	14.69	14.60	14.84	15.50
		108	108	14.69	14.82	14.94	15.50
	DFT-s-OFDM QPSK	216	0	14.81	14.78	14.64	15.50
	DFT-s-OFDM 16QAM	1	1	14.74	14.66	14.84	15.50
	DFT-s-OFDM 64QAM	1	1	14.91	14.68	14.73	15.50
DFT-s-OFDM 256QAM	1	1	14.97	14.68	14.64	15.50	
CP-OFDM QPSK	1	1	14.94	14.65	14.85	15.50	
CP-OFDM 16QAM	1	1	14.88	14.65	14.85	15.50	
CP-OFDM 64QAM	1	1	14.77	14.66	14.70	15.50	
CP-OFDM 256QAM	1	1	14.82	14.99	14.87	15.50	

N7-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	23.84	23.70	23.72	24.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	23.73	23.84	23.95	24.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	23.75	23.93	23.87	24.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	23.78	23.82	23.80	24.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	23.86	23.68	23.75	24.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	23.83	23.66	23.67	24.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	23.86	23.79	23.63	24.50
		1	108	23.90	23.64	23.64	24.50
		1	214	23.65	23.96	23.70	24.50
	DFT-s-OFDM BPSK	108	0	23.90	24.00	23.81	24.50
		108	54	23.88	23.67	23.79	24.50
		108	108	23.81	23.90	23.99	24.50
	DFT-s-OFDM BPSK	216	0	23.97	23.93	23.65	24.50
	DFT-s-OFDM QPSK	1	1	23.96	23.90	23.68	24.50
		1	108	23.73	23.70	23.73	24.50
		1	214	23.81	23.68	23.84	24.50
	DFT-s-OFDM QPSK	108	0	23.75	23.68	23.96	24.50
		108	54	23.82	23.62	23.97	24.50
		108	108	23.87	23.86	23.72	24.50
	DFT-s-OFDM QPSK	216	0	23.90	23.73	23.85	24.50
	DFT-s-OFDM 16QAM	1	1	23.82	23.75	23.77	24.50
	DFT-s-OFDM 64QAM	1	1	22.29	22.46	22.27	23.00
DFT-s-OFDM 256QAM	1	1	20.29	20.14	20.19	21.00	
CP-OFDM QPSK	1	1	23.31	23.45	23.13	24.00	
CP-OFDM 16QAM	1	1	22.92	22.81	22.63	23.50	
CP-OFDM 64QAM	1	1	21.40	21.18	21.13	22.00	
CP-OFDM 256QAM	1	1	18.27	18.10	18.40	19.00	

N7-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	16.86	16.81	16.94	17.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	16.98	16.66	16.98	17.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	16.77	17.00	16.62	17.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	16.88	16.70	16.80	17.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	16.86	16.96	16.78	17.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	16.68	16.91	16.66	17.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	16.72	16.93	16.74	17.50
		1	108	16.84	16.90	16.60	17.50
		1	214	16.94	16.81	16.74	17.50
	DFT-s-OFDM BPSK	108	0	16.65	16.77	16.93	17.50
		108	54	16.76	16.99	16.68	17.50
		108	108	16.80	16.64	16.75	17.50
	DFT-s-OFDM BPSK	216	0	16.78	16.73	16.78	17.50
	DFT-s-OFDM QPSK	1	1	16.78	16.93	16.87	17.50
		1	108	16.86	16.85	16.70	17.50
		1	214	16.78	16.86	16.65	17.50
	DFT-s-OFDM QPSK	108	0	16.64	16.77	16.76	17.50
		108	54	16.90	16.71	16.66	17.50
		108	108	16.84	16.83	16.97	17.50
	DFT-s-OFDM QPSK	216	0	16.62	16.71	16.63	17.50
	DFT-s-OFDM 16QAM	1	1	16.96	16.72	16.73	17.50
	DFT-s-OFDM 64QAM	1	1	16.82	16.84	16.72	17.50
DFT-s-OFDM 256QAM	1	1	16.63	16.60	16.66	17.50	
CP-OFDM QPSK	1	1	16.94	16.61	16.64	17.50	
CP-OFDM 16QAM	1	1	16.97	16.66	16.66	17.50	
CP-OFDM 64QAM	1	1	17.00	16.85	16.65	17.50	
CP-OFDM 256QAM	1	1	16.95	16.66	16.97	17.50	

8.5.3 NR Band7 Output Power(ENDC)

N7-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.28	24.76	24.70	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.33	24.71	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.16	24.91	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.21	24.70	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.15	24.82	24.48	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	24.37	25.00	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	24.35	24.85	24.62	25.50
		1	108	24.80	24.71	24.67	25.50
		1	214	23.94	24.56	24.50	25.50
	DFT-s-OFDM BPSK	108	0	24.46	24.35	24.45	25.50
		108	54	24.43	24.25	24.09	25.50
		108	108	23.79	23.79	23.59	25.50
	DFT-s-OFDM BPSK	216	0	24.42	24.30	24.43	24.50
	DFT-s-OFDM QPSK	1	1	24.23	24.81	24.66	25.50
		1	108	24.87	24.75	24.66	25.50
		1	214	23.99	24.67	24.41	25.50
	DFT-s-OFDM QPSK	108	0	24.32	24.40	24.36	25.50
		108	54	24.34	24.08	24.26	25.50
		108	108	23.91	23.69	23.66	25.50
	DFT-s-OFDM QPSK	216	0	24.24	24.34	24.49	24.50
	DFT-s-OFDM 16QAM	1	1	23.64	23.84	23.72	24.50
	DFT-s-OFDM 64QAM	1	1	22.46	22.29	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.71	20.78	20.89	21.00	
CP-OFDM QPSK	1	1	23.23	23.28	23.10	24.00	
CP-OFDM 16QAM	1	1	22.82	22.64	22.46	23.50	
CP-OFDM 64QAM	1	1	21.20	21.15	21.19	22.00	
CP-OFDM 256QAM	1	1	17.89	18.05	17.91	19.00	

N7-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	24.28	24.76	24.70	25.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	24.33	24.71	24.81	25.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	24.16	24.91	24.47	25.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	24.21	24.70	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	24.15	24.82	24.48	25.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	24.37	25.00	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	24.35	24.85	24.62	25.50
		1	108	24.80	24.71	24.67	25.50
		1	214	23.94	24.56	24.50	25.50
	DFT-s-OFDM BPSK	108	0	24.46	24.35	24.45	25.50
		108	54	24.43	24.25	24.09	25.50
		108	108	23.79	23.79	23.59	25.50
	DFT-s-OFDM BPSK	216	0	24.42	24.30	24.43	24.50
	DFT-s-OFDM QPSK	1	1	24.23	24.81	24.66	25.50
		1	108	24.87	24.75	24.66	25.50
		1	214	23.99	24.67	24.41	25.50
	DFT-s-OFDM QPSK	108	0	24.32	24.40	24.36	25.50
		108	54	24.34	24.08	24.26	25.50
		108	108	23.91	23.69	23.66	25.50
	DFT-s-OFDM QPSK	216	0	24.24	24.34	24.49	24.50
	DFT-s-OFDM 16QAM	1	1	23.64	23.84	23.72	24.50
	DFT-s-OFDM 64QAM	1	1	22.46	22.29	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.71	20.78	20.89	21.00	
CP-OFDM QPSK	1	1	23.23	23.28	23.10	24.00	
CP-OFDM 16QAM	1	1	22.82	22.64	22.46	23.50	
CP-OFDM 64QAM	1	1	21.20	21.15	21.19	22.00	
CP-OFDM 256QAM	1	1	17.89	18.05	17.91	19.00	

N7-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	18.26	18.48	18.45	19.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	18.27	18.44	18.18	19.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	18.28	18.48	18.29	19.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	18.32	18.13	18.21	19.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	18.29	18.42	18.36	19.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	18.49	18.11	18.38	19.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	18.30	18.12	18.48	19.50
		1	108	18.48	18.31	18.26	19.50
		1	214	18.28	18.47	18.38	19.50
	DFT-s-OFDM BPSK	108	0	18.31	18.46	18.34	19.50
		108	54	18.49	18.49	18.38	19.50
		108	108	18.41	18.20	18.17	19.50
	DFT-s-OFDM BPSK	216	0	18.25	18.10	18.39	19.50
	DFT-s-OFDM QPSK	1	1	18.13	18.13	18.15	19.50
		1	108	18.37	18.23	18.21	19.50
		1	214	18.46	18.48	18.11	19.50
	DFT-s-OFDM QPSK	108	0	18.16	18.46	18.23	19.50
		108	54	18.27	18.33	18.15	19.50
		108	108	18.13	18.33	18.39	19.50
	DFT-s-OFDM QPSK	216	0	18.32	18.43	18.27	19.50
	DFT-s-OFDM 16QAM	1	1	18.14	18.40	18.41	19.50
	DFT-s-OFDM 64QAM	1	1	18.13	18.38	18.35	19.50
DFT-s-OFDM 256QAM	1	1	18.43	18.35	18.34	19.50	
CP-OFDM QPSK	1	1	18.42	18.32	18.10	19.50	
CP-OFDM 16QAM	1	1	18.44	18.24	18.16	19.50	
CP-OFDM 64QAM	1	1	18.45	18.34	18.33	19.50	
CP-OFDM 256QAM	1	1	17.76	17.91	17.85	19.00	

8.5.3 NR Band7 Output Power(ENDC)

N7-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	22.22	22.07	22.32	23.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	22.61	22.41	22.37	23.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	22.43	22.48	22.65	23.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	22.95	22.69	22.77	23.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	22.67	22.91	22.59	23.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	22.91	22.86	22.68	23.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	22.69	22.65	22.71	23.50
		1	108	22.79	22.73	22.69	23.50
		1	214	22.36	22.68	22.49	23.50
	DFT-s-OFDM BPSK	108	0	22.57	22.78	22.72	23.50
		108	54	22.81	22.65	22.72	23.50
		108	108	22.54	22.55	22.61	23.50
	DFT-s-OFDM BPSK	216	0	22.53	22.79	22.76	23.50
	DFT-s-OFDM QPSK	1	1	22.42	22.29	22.63	23.50
		1	108	22.66	22.79	22.68	23.50
		1	214	22.60	22.57	22.70	23.50
	DFT-s-OFDM QPSK	108	0	22.65	22.73	22.83	23.50
		108	54	22.62	22.39	22.83	23.50
		108	108	22.77	22.58	22.59	23.50
	DFT-s-OFDM QPSK	216	0	22.65	22.90	22.69	23.50
	DFT-s-OFDM 16QAM	1	1	21.29	21.31	21.30	22.50
	DFT-s-OFDM 64QAM	1	1	19.95	19.90	19.81	21.00
DFT-s-OFDM 256QAM	1	1	18.49	18.46	18.56	19.00	
CP-OFDM QPSK	1	1	20.29	20.46	20.30	22.00	
CP-OFDM 16QAM	1	1	20.28	20.24	20.33	21.50	
CP-OFDM 64QAM	1	1	19.38	19.37	19.47	20.00	
CP-OFDM 256QAM	1	1	17.17	17.08	17.42	18.00	

N7-ANT4 DS11&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	13.29	13.09	13.37	14.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	13.67	13.35	13.41	14.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	13.39	13.38	13.70	14.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	13.97	13.75	13.65	14.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	13.59	13.84	13.48	14.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	13.96	13.93	13.66	14.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	13.70	13.58	13.69	14.50
		1	108	13.79	13.71	13.71	14.50
		1	214	13.34	13.67	13.42	14.50
	DFT-s-OFDM BPSK	108	0	13.56	13.72	13.74	14.50
		108	54	13.86	13.65	13.80	14.50
		108	108	13.60	13.50	13.69	14.50
	DFT-s-OFDM BPSK	216	0	13.60	13.84	13.82	14.50
	DFT-s-OFDM QPSK	1	1	13.39	13.31	13.60	14.50
		1	108	13.74	13.84	13.76	14.50
		1	214	13.67	13.64	13.75	14.50
	DFT-s-OFDM QPSK	108	0	13.61	13.61	13.79	14.50
		108	54	13.60	13.27	13.91	14.50
		108	108	13.65	13.53	13.66	14.50
	DFT-s-OFDM QPSK	216	0	13.58	13.79	13.62	14.50
	DFT-s-OFDM 16QAM	1	1	13.45	13.58	13.50	14.50
	DFT-s-OFDM 64QAM	1	1	13.56	13.58	13.42	14.50
DFT-s-OFDM 256QAM	1	1	13.54	13.52	13.43	14.50	
CP-OFDM QPSK	1	1	13.49	13.55	13.51	14.50	
CP-OFDM 16QAM	1	1	13.45	13.48	13.41	14.50	
CP-OFDM 64QAM	1	1	13.56	13.41	13.54	14.50	
CP-OFDM 256QAM	1	1	13.49	13.48	13.55	14.50	

N7-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	17.25	17.04	17.30	18.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	17.68	17.29	17.28	18.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	17.46	17.54	17.71	18.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	17.96	17.76	17.73	18.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	17.75	17.79	17.67	18.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	17.81	17.82	17.70	18.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	17.77	17.60	17.67	18.50
		1	108	17.71	17.68	17.73	18.50
		1	214	17.34	17.71	17.55	18.50
	DFT-s-OFDM BPSK	108	0	17.62	17.85	17.79	18.50
		108	54	17.87	17.56	17.79	18.50
		108	108	17.53	17.55	17.68	18.50
	DFT-s-OFDM BPSK	216	0	17.54	17.68	17.72	18.50
	DFT-s-OFDM QPSK	1	1	17.31	17.31	17.53	18.50
		1	108	17.69	17.67	17.75	18.50
		1	214	17.63	17.46	17.70	18.50
	DFT-s-OFDM QPSK	108	0	17.71	17.81	17.90	18.50
		108	54	17.51	17.40	17.83	18.50
		108	108	17.70	17.65	17.50	18.50
	DFT-s-OFDM QPSK	216	0	17.56	17.96	17.72	18.50
	DFT-s-OFDM 16QAM	1	1	17.50	17.49	17.47	18.50
	DFT-s-OFDM 64QAM	1	1	17.44	17.42	17.45	18.50
	DFT-s-OFDM 256QAM	1	1	17.48	17.52	17.46	18.50
CP-OFDM QPSK	1	1	17.43	17.50	17.38	18.50	
CP-OFDM 16QAM	1	1	17.44	17.53	17.47	18.50	
CP-OFDM 64QAM	1	1	17.46	17.43	17.52	18.50	
CP-OFDM 256QAM	1	1	17.27	17.08	17.39	18.00	

8.5.3 NR Band7 Output Power(ENDC)

N7-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.96	19.65	20.09	21.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	20.12	19.69	20.40	21.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.16	19.83	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.11	20.28	19.88	21.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	20.31	20.11	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	20.23	20.24	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	20.12	20.08	20.08	21.50
		1	108	20.23	20.39	20.14	21.50
		1	214	20.05	19.97	19.94	21.50
	DFT-s-OFDM BPSK	108	0	19.84	19.78	19.68	21.50
		108	54	20.05	20.11	19.92	21.50
		108	108	20.19	20.21	20.26	21.50
	DFT-s-OFDM BPSK	216	0	20.18	20.09	20.04	20.50
	DFT-s-OFDM QPSK	1	1	20.08	19.64	20.27	21.50
		1	108	20.13	20.56	19.99	21.50
		1	214	20.22	20.17	19.90	21.50
	DFT-s-OFDM QPSK	108	0	19.65	19.90	19.52	21.50
		108	54	19.87	19.70	20.03	21.50
		108	108	20.23	20.25	20.44	21.50
	DFT-s-OFDM QPSK	216	0	20.09	20.14	20.13	20.50
	DFT-s-OFDM 16QAM	1	1	18.76	18.85	18.71	20.50
	DFT-s-OFDM 64QAM	1	1	17.14	17.12	17.01	19.00
DFT-s-OFDM 256QAM	1	1	15.38	15.46	15.26	17.00	
CP-OFDM QPSK	1	1	18.07	18.02	18.01	20.00	
CP-OFDM 16QAM	1	1	17.96	17.78	17.94	19.50	
CP-OFDM 64QAM	1	1	16.76	16.70	16.57	18.00	
CP-OFDM 256QAM	1	1	14.34	14.32	14.38	15.00	

N7-ANT5 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	17.45	17.67	17.66	19.00
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	17.73	17.52	17.44	19.00
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	17.64	17.54	17.49	19.00
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	17.50	17.74	17.57	19.00
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	17.46	17.76	17.56	19.00
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	17.54	17.61	17.65	19.00
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	17.72	17.41	17.45	19.00
		1	108	17.43	17.53	17.56	19.00
		1	214	17.58	17.76	17.59	19.00
	DFT-s-OFDM BPSK	108	0	17.54	17.55	17.63	19.00
		108	54	17.72	17.65	17.68	19.00
		108	108	17.56	17.42	17.70	19.00
	DFT-s-OFDM BPSK	216	0	17.60	17.55	17.74	19.00
	DFT-s-OFDM QPSK	1	1	17.61	17.48	17.43	19.00
		1	108	17.60	17.48	17.58	19.00
		1	214	17.60	17.43	17.64	19.00
	DFT-s-OFDM QPSK	108	0	17.40	17.43	17.55	19.00
		108	54	17.49	17.68	17.72	19.00
		108	108	17.65	17.46	17.49	19.00
	DFT-s-OFDM QPSK	216	0	17.65	17.58	17.56	19.00
	DFT-s-OFDM 16QAM	1	1	17.49	17.43	17.77	19.00
	DFT-s-OFDM 64QAM	1	1	17.29	17.18	17.32	19.00
DFT-s-OFDM 256QAM	1	1	15.65	15.77	15.70	17.00	
CP-OFDM QPSK	1	1	17.56	17.62	17.59	19.00	
CP-OFDM 16QAM	1	1	17.64	17.58	17.66	19.00	
CP-OFDM 64QAM	1	1	16.68	16.70	16.70	18.00	
CP-OFDM 256QAM	1	1	14.11	14.19	14.36	15.00	

N7-ANT5 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		500500	507000	513500	Tune-up power(dB)
		RB Size	RB offset	2502.5	2535	2567.5	
5	DFT-s-OFDM QPSK	1	1	19.96	19.65	20.09	21.50
Bandwidth (MHz)	Modulation	Channel		501000	507000	513000	Tune-up power(dB)
		RB Size	RB offset	2505	2535	2565	
10	DFT-s-OFDM QPSK	1	1	20.12	19.69	20.40	21.50
Bandwidth (MHz)	Modulation	Channel		501500	507000	512500	Tune-up power(dB)
		RB Size	RB offset	2507.5	2535	2562.5	
15	DFT-s-OFDM QPSK	1	1	20.16	19.83	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		502000	507000	512000	Tune-up power(dB)
		RB Size	RB offset	2510	2535	2560	
20	DFT-s-OFDM QPSK	1	1	20.11	20.28	19.88	21.50
Bandwidth (MHz)	Modulation	Channel		502500	507000	511500	Tune-up power(dB)
		RB Size	RB offset	2512.5	2535	2557.5	
25	DFT-s-OFDM QPSK	1	1	20.31	20.11	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		503000	507000	511000	Tune-up power(dB)
		RB Size	RB offset	2515	2535	2555	
30	DFT-s-OFDM QPSK	1	1	20.23	20.24	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		504000	507000	510000	Tune-up power(dB)
		RB Size	RB offset	2520	2535	2550	
40	DFT-s-OFDM BPSK	1	1	20.12	20.08	20.08	21.50
		1	108	20.23	20.39	20.14	21.50
		1	214	20.05	19.97	19.94	21.50
	DFT-s-OFDM BPSK	108	0	19.84	19.78	19.68	21.50
		108	54	20.05	20.11	19.92	21.50
		108	108	20.19	20.21	20.26	21.50
	DFT-s-OFDM BPSK	216	0	20.18	20.09	20.04	20.50
	DFT-s-OFDM QPSK	1	1	20.08	19.64	20.27	21.50
		1	108	20.13	20.56	19.99	21.50
		1	214	20.22	20.17	19.90	21.50
	DFT-s-OFDM QPSK	108	0	19.65	19.90	19.52	21.50
		108	54	19.87	19.70	20.03	21.50
		108	108	20.23	20.25	20.44	21.50
	DFT-s-OFDM QPSK	216	0	20.09	20.14	20.13	20.50
	DFT-s-OFDM 16QAM	1	1	18.76	18.85	18.71	20.50
	DFT-s-OFDM 64QAM	1	1	17.14	17.12	17.01	19.00
	DFT-s-OFDM 256QAM	1	1	15.38	15.46	15.26	17.00
CP-OFDM QPSK	1	1	18.07	18.02	18.01	20.00	
CP-OFDM 16QAM	1	1	17.96	17.78	17.94	19.50	
CP-OFDM 64QAM	1	1	16.76	16.70	16.57	18.00	
CP-OFDM 256QAM	1	1	14.34	14.32	14.38	15.00	

8.5.4 NR Band12 Output Power

N12-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	24.81	25.05	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	25.09	24.86	24.73	25.50
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	24.97	24.88	24.83	25.50
		1	40	24.91	24.84	24.78	25.50
		1	77	24.92	24.72	24.75	25.50
	DFT-s-OFDM BPSK	36	0	24.55	24.45	24.27	25.50
		36	22	24.88	24.72	24.97	25.50
		36	43	24.44	24.34	24.46	25.50
	DFT-s-OFDM BPSK	75	0	24.48	24.37	24.50	25.50
		1	1	24.94	24.91	24.82	25.50
		1	40	24.86	24.86	24.64	25.50
	DFT-s-OFDM QPSK	1	77	24.84	24.78	24.50	25.50
		36	0	24.40	24.25	24.07	25.50
		36	22	24.95	24.68	25.15	25.50
	DFT-s-OFDM QPSK	36	43	24.44	24.23	24.35	25.50
		75	0	24.48	24.37	24.36	25.50
		1	1	23.83	23.62	23.66	24.50
	DFT-s-OFDM 16QAM	1	1	22.36	22.50	22.29	23.00
	DFT-s-OFDM 64QAM	1	1	20.61	20.65	20.57	21.00
	DFT-s-OFDM 256QAM	1	1	23.57	23.42	23.38	24.00
CP-OFDM QPSK	1	1	23.06	23.00	23.01	23.50	
CP-OFDM 16QAM	1	1	21.17	21.05	20.96	22.00	
CP-OFDM 64QAM	1	1	18.32	18.35	18.28	19.00	
CP-OFDM 256QAM	1	1					

N12-ANT0 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	24.81	25.05	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	25.09	24.86	24.73	25.50
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	24.97	24.88	24.83	25.50
		1	40	24.91	24.84	24.78	25.50
		1	77	24.92	24.72	24.75	25.50
	DFT-s-OFDM BPSK	36	0	24.55	24.45	24.27	25.50
		36	22	24.88	24.72	24.97	25.50
		36	43	24.44	24.34	24.46	25.50
	DFT-s-OFDM BPSK	75	0	24.48	24.37	24.50	25.50
		1	1	24.94	24.91	24.82	25.50
		1	40	24.86	24.86	24.64	25.50
	DFT-s-OFDM QPSK	1	77	24.84	24.78	24.50	25.50
		36	0	24.40	24.25	24.07	25.50
		36	22	24.95	24.68	25.15	25.50
	DFT-s-OFDM QPSK	36	43	24.44	24.23	24.35	25.50
		75	0	24.48	24.37	24.36	25.50
		1	1	23.83	23.62	23.66	24.50
	DFT-s-OFDM 16QAM	1	1	22.36	22.50	22.29	23.00
	DFT-s-OFDM 64QAM	1	1	20.61	20.65	20.57	21.00
	DFT-s-OFDM 256QAM	1	1	23.57	23.42	23.38	24.00
CP-OFDM QPSK	1	1	23.06	23.00	23.01	23.50	
CP-OFDM 16QAM	1	1	21.17	21.05	20.96	22.00	
CP-OFDM 64QAM	1	1	18.32	18.35	18.28	19.00	
CP-OFDM 256QAM	1	1					

8.5.4 NR Band12 Output Power

N12-ANT1 Full power

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	24.91	24.99	25.04	26.00
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	25.14	24.76	25.06	26.00
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	24.92	25.01	25.01	26.00
		1	40	24.96	24.90	24.95	26.00
		1	77	24.83	24.84	24.87	26.00
	DFT-s-OFDM BPSK	36	0	24.30	24.49	24.29	26.00
		36	22	24.69	24.84	24.92	26.00
		36	43	24.52	24.40	24.42	26.00
	DFT-s-OFDM BPSK	75	0	24.30	24.46	24.41	25.00
		1	1	25.08	24.96	25.08	26.00
		1	40	25.01	25.02	25.01	26.00
	DFT-s-OFDM QPSK	1	77	24.86	24.90	24.96	26.00
		36	0	24.41	24.43	24.49	26.00
		36	22	24.87	24.80	24.95	26.00
	DFT-s-OFDM QPSK	36	43	24.54	24.32	24.27	26.00
		75	0	24.47	24.64	24.24	25.00
	DFT-s-OFDM 16QAM	1	1	24.37	24.24	24.19	25.00
	DFT-s-OFDM 64QAM	1	1	22.75	22.56	22.47	23.50
	DFT-s-OFDM 256QAM	1	1	20.53	20.45	20.53	21.50
CP-OFDM QPSK	1	1	23.22	23.33	23.34	24.50	
CP-OFDM 16QAM	1	1	22.72	22.83	22.94	24.00	
CP-OFDM 64QAM	1	1	21.17	21.33	21.24	22.50	
CP-OFDM 256QAM	1	1	17.81	17.99	17.99	19.50	

N12-ANT1 DS1&2&3&4

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	24.91	24.99	25.04	26.00
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	25.14	24.76	25.06	26.00
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	24.92	25.01	25.01	26.00
		1	40	24.96	24.90	24.95	26.00
		1	77	24.83	24.84	24.87	26.00
	DFT-s-OFDM BPSK	36	0	24.30	24.49	24.29	26.00
		36	22	24.69	24.84	24.92	26.00
		36	43	24.52	24.40	24.42	26.00
	DFT-s-OFDM BPSK	75	0	24.30	24.46	24.41	25.00
		1	1	25.08	24.96	25.08	26.00
		1	40	25.01	25.02	25.01	26.00
	DFT-s-OFDM QPSK	1	77	24.86	24.90	24.96	26.00
		36	0	24.41	24.43	24.49	26.00
		36	22	24.87	24.80	24.95	26.00
	DFT-s-OFDM QPSK	36	43	24.54	24.32	24.27	26.00
		75	0	24.47	24.64	24.24	25.00
	DFT-s-OFDM 16QAM	1	1	24.37	24.24	24.19	25.00
	DFT-s-OFDM 64QAM	1	1	22.75	22.56	22.47	23.50
	DFT-s-OFDM 256QAM	1	1	20.53	20.45	20.53	21.50
CP-OFDM QPSK	1	1	23.22	23.33	23.34	24.50	
CP-OFDM 16QAM	1	1	22.72	22.83	22.94	24.00	
CP-OFDM 64QAM	1	1	21.17	21.33	21.24	22.50	
CP-OFDM 256QAM	1	1	17.81	17.99	17.99	19.50	

N12-ANT1 DSI5

Bandwidth (MHz)	Modulation	Channel		140300	141500	142700	Tune-up power(dB)
		RB Size	RB offset	701.5	707.5	713.5	
5	DFT-s-OFDM QPSK	1	1	23.87	23.96	24.09	25.00
Bandwidth (MHz)	Modulation	Channel		140800	141500	142200	Tune-up power(dB)
		RB Size	RB offset	704	707.5	711	
10	DFT-s-OFDM QPSK	1	1	24.11	23.73	24.01	25.00
Bandwidth (MHz)	Modulation	Channel		141300	141500	141700	Tune-up power(dB)
		RB Size	RB offset	706.5	707.5	708.5	
15	DFT-s-OFDM BPSK	1	1	23.91	23.94	24.07	25.00
		1	40	24.06	23.95	23.95	25.00
		1	77	23.80	23.81	23.88	25.00
	DFT-s-OFDM BPSK	36	0	23.28	23.51	23.25	25.00
		36	22	23.75	23.83	23.95	25.00
		36	43	23.54	23.35	23.46	25.00
	DFT-s-OFDM BPSK	75	0	23.34	23.50	23.39	25.00
		1	1	24.13	23.93	24.09	25.00
		1	40	24.05	23.99	24.04	25.00
	DFT-s-OFDM QPSK	1	77	23.90	23.95	24.02	25.00
		36	0	23.92	23.92	23.96	25.00
		36	22	24.33	24.34	24.45	25.00
	DFT-s-OFDM QPSK	36	43	24.09	23.80	23.78	25.00
		75	0	24.03	24.09	23.69	25.00
		1	1	23.86	23.70	23.72	25.00
	DFT-s-OFDM 16QAM	1	1	22.80	22.55	22.43	23.50
	DFT-s-OFDM 64QAM	1	1	20.52	20.42	20.58	21.50
	DFT-s-OFDM 256QAM	1	1	23.18	23.28	23.33	24.50
CP-OFDM QPSK	1	1	22.67	22.82	23.00	24.00	
CP-OFDM 16QAM	1	1	21.23	21.33	21.19	22.50	
CP-OFDM 64QAM	1	1	17.76	18.04	18.04	19.50	
CP-OFDM 256QAM	1	1					

8.5.5 NR Band26 Output Power

N26-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		163300	166300	169300	Tune-up power(dB)
		RB Size	RB offset	816.5	831.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.83	24.98	24.89	25.50
Bandwidth (MHz)	Modulation	Channel		163800	166300	168800	Tune-up power(dB)
		RB Size	RB offset	819	831.5	844	
10	DFT-s-OFDM QPSK	1	1	24.77	24.92	24.65	25.50
Bandwidth (MHz)	Modulation	Channel		164300	166300	168300	Tune-up power(dB)
		RB Size	RB offset	821.5	831.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.76	24.57	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		164800	166300	167800	Tune-up power(dB)
		RB Size	RB offset	824	831.5	839	
20	DFT-s-OFDM BPSK	1	1	24.77	24.87	24.86	25.50
		1	53	24.92	24.80	24.80	25.50
		1	104	24.85	24.72	24.71	25.50
	DFT-s-OFDM BPSK	50	0	24.22	24.38	24.25	25.50
		50	28	24.87	24.81	24.78	25.50
		50	56	24.26	24.37	24.38	25.50
	DFT-s-OFDM BPSK	100	0	24.36	24.31	24.42	25.50
		1	1	24.87	24.79	24.76	25.50
	DFT-s-OFDM QPSK	1	1	24.87	24.79	24.76	25.50
		1	53	24.91	24.64	24.80	25.50
		1	104	24.88	24.59	24.92	25.50
	DFT-s-OFDM QPSK	50	0	24.01	24.43	24.18	25.50
		50	28	24.77	24.41	24.79	25.50
		50	56	24.49	24.36	24.24	25.50
	DFT-s-OFDM QPSK	100	0	24.34	24.13	24.31	25.50
	DFT-s-OFDM 16QAM	1	1	23.88	24.00	23.85	24.50
DFT-s-OFDM 64QAM	1	1	22.52	22.40	22.23	23.00	
DFT-s-OFDM 256QAM	1	1	20.16	20.28	20.41	21.00	
CP-OFDM QPSK	1	1	23.22	23.39	23.31	24.00	
CP-OFDM 16QAM	1	1	22.90	22.68	22.59	23.50	
CP-OFDM 64QAM	1	1	21.14	21.26	21.08	22.00	
CP-OFDM 256QAM	1	1	18.07	18.14	18.05	19.00	

N26-ANT0 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		163300	166300	169300	Tune-up power(dB)
		RB Size	RB offset	816.5	831.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.83	24.98	24.89	25.50
Bandwidth (MHz)	Modulation	Channel		163800	166300	168800	Tune-up power(dB)
		RB Size	RB offset	819	831.5	844	
10	DFT-s-OFDM QPSK	1	1	24.77	24.92	24.65	25.50
Bandwidth (MHz)	Modulation	Channel		164300	166300	168300	Tune-up power(dB)
		RB Size	RB offset	821.5	831.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.76	24.57	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		164800	166300	167800	Tune-up power(dB)
		RB Size	RB offset	824	831.5	839	
20	DFT-s-OFDM BPSK	1	1	24.77	24.87	24.86	25.50
		1	53	24.92	24.80	24.80	25.50
		1	104	24.85	24.72	24.71	25.50
	DFT-s-OFDM BPSK	50	0	24.22	24.38	24.25	25.50
		50	28	24.87	24.81	24.78	25.50
		50	56	24.26	24.37	24.38	25.50
	DFT-s-OFDM BPSK	100	0	24.36	24.31	24.42	25.50
		1	1	24.87	24.79	24.76	25.50
	DFT-s-OFDM QPSK	1	1	24.87	24.79	24.76	25.50
		1	53	24.91	24.64	24.80	25.50
		1	104	24.88	24.59	24.92	25.50
	DFT-s-OFDM QPSK	50	0	24.01	24.43	24.18	25.50
		50	28	24.77	24.41	24.79	25.50
		50	56	24.49	24.36	24.24	25.50
	DFT-s-OFDM QPSK	100	0	24.34	24.13	24.31	25.50
	DFT-s-OFDM 16QAM	1	1	23.88	24.00	23.85	24.50
DFT-s-OFDM 64QAM	1	1	22.52	22.40	22.23	23.00	
DFT-s-OFDM 256QAM	1	1	20.16	20.28	20.41	21.00	
CP-OFDM QPSK	1	1	23.22	23.39	23.31	24.00	
CP-OFDM 16QAM	1	1	22.90	22.68	22.59	23.50	
CP-OFDM 64QAM	1	1	21.14	21.26	21.08	22.00	
CP-OFDM 256QAM	1	1	18.07	18.14	18.05	19.00	

8.5.5 NR Band26 Output Power

N26-ANT0 Full power

Bandwidth (MHz)	Modulation	Channel		163300	166300	169300	Tune-up power(dB)
		RB Size	RB offset	816.5	831.5	846.5	
5	DFT-s-OFDM QPSK	1	1	24.82	24.75	25.00	26.00
Bandwidth (MHz)	Modulation	Channel		163800	166300	168800	Tune-up power(dB)
		RB Size	RB offset	819	831.5	844	
10	DFT-s-OFDM QPSK	1	1	24.97	24.65	24.86	26.00
Bandwidth (MHz)	Modulation	Channel		164300	166300	168300	Tune-up power(dB)
		RB Size	RB offset	821.5	831.5	841.5	
15	DFT-s-OFDM QPSK	1	1	24.88	24.82	24.81	26.00
Bandwidth (MHz)	Modulation	Channel		164800	166300	167800	Tune-up power(dB)
		RB Size	RB offset	824	831.5	839	
20	DFT-s-OFDM BPSK	1	1	24.83	24.93	24.97	26.00
		1	53	24.92	24.77	24.76	26.00
		1	104	24.86	24.68	24.58	26.00
	DFT-s-OFDM BPSK	50	0	24.42	24.36	24.43	26.00
		50	28	24.72	24.82	25.05	26.00
		50	56	24.44	24.26	24.15	26.00
	DFT-s-OFDM BPSK	100	0	24.29	24.38	24.54	25.00
		1	1	24.82	24.81	24.92	26.00
	DFT-s-OFDM QPSK	1	1	24.82	24.81	24.92	26.00
		1	53	24.84	24.67	24.69	26.00
		1	104	24.88	24.82	24.51	26.00
	DFT-s-OFDM QPSK	50	0	24.29	24.32	24.43	26.00
		50	28	25.00	24.64	25.13	26.00
		50	56	24.46	24.48	24.34	26.00
	DFT-s-OFDM QPSK	100	0	24.31	24.22	24.26	25.00
	DFT-s-OFDM 16QAM	1	1	23.71	23.86	23.95	25.00
DFT-s-OFDM 64QAM	1	1	22.65	22.66	22.49	23.50	
DFT-s-OFDM 256QAM	1	1	20.43	20.32	20.56	21.50	
CP-OFDM QPSK	1	1	23.62	23.57	23.39	24.50	
CP-OFDM 16QAM	1	1	23.19	22.94	23.05	24.00	
CP-OFDM 64QAM	1	1	21.26	21.28	21.35	22.50	
CP-OFDM 256QAM	1	1	18.08	18.11	18.04	19.50	

N26-ANT1 DSI1&5

Bandwidth (MHz)	Modulation	Channel		163300	166300	169300	Tune-up power(dB)
		RB Size	RB offset	816.5	831.5	846.5	
5	DFT-s-OFDM QPSK	1	1	22.28	22.31	22.51	23.50
Bandwidth (MHz)	Modulation	Channel		163800	166300	168800	Tune-up power(dB)
		RB Size	RB offset	819	831.5	844	
10	DFT-s-OFDM QPSK	1	1	22.47	22.15	22.33	23.50
Bandwidth (MHz)	Modulation	Channel		164300	166300	168300	Tune-up power(dB)
		RB Size	RB offset	821.5	831.5	841.5	
15	DFT-s-OFDM QPSK	1	1	22.34	22.27	22.29	23.50
Bandwidth (MHz)	Modulation	Channel		164800	166300	167800	Tune-up power(dB)
		RB Size	RB offset	824	831.5	839	
20	DFT-s-OFDM BPSK	1	1	22.37	22.52	22.49	23.50
		1	53	22.47	22.32	22.32	23.50
		1	104	22.35	22.13	22.14	23.50
	DFT-s-OFDM BPSK	50	0	21.91	21.83	21.99	23.50
		50	28	22.26	22.32	22.56	23.50
		50	56	21.89	21.73	21.63	23.50
	DFT-s-OFDM BPSK	100	0	21.76	21.88	22.04	23.50
	DFT-s-OFDM QPSK	1	1	22.38	22.35	22.42	23.50
		1	53	22.38	22.16	22.17	23.50
		1	104	22.42	22.28	21.97	23.50
	DFT-s-OFDM QPSK	50	0	21.75	21.87	21.92	23.50
		50	28	22.51	22.11	22.63	23.50
		50	56	22.20	22.13	22.02	23.50
	DFT-s-OFDM QPSK	100	0	21.99	21.98	21.98	23.50
	DFT-s-OFDM 16QAM	1	1	21.67	21.53	21.66	23.50
	DFT-s-OFDM 64QAM	1	1	22.18	22.18	22.05	23.50
DFT-s-OFDM 256QAM	1	1	20.42	20.32	20.61	21.50	
CP-OFDM QPSK	1	1	22.17	22.11	21.92	23.50	
CP-OFDM 16QAM	1	1	22.14	21.93	22.09	23.50	
CP-OFDM 64QAM	1	1	21.25	21.25	21.35	22.50	
CP-OFDM 256QAM	1	1	18.12	18.17	18.06	19.50	

N26-ANT1 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		163300	166300	169300	Tune-up power(dB)
		RB Size	RB offset	816.5	831.5	846.5	
5	DFT-s-OFDM QPSK	1	1	23.27	23.27	23.50	24.50
Bandwidth (MHz)	Modulation	Channel		163800	166300	168800	Tune-up power(dB)
		RB Size	RB offset	819	831.5	844	
10	DFT-s-OFDM QPSK	1	1	23.51	23.10	23.36	24.50
Bandwidth (MHz)	Modulation	Channel		164300	166300	168300	Tune-up power(dB)
		RB Size	RB offset	821.5	831.5	841.5	
15	DFT-s-OFDM QPSK	1	1	23.39	23.31	23.30	24.50
Bandwidth (MHz)	Modulation	Channel		164800	166300	167800	Tune-up power(dB)
		RB Size	RB offset	824	831.5	839	
20	DFT-s-OFDM BPSK	1	1	23.36	23.50	23.45	24.50
		1	53	23.38	23.30	23.31	24.50
		1	104	23.31	23.14	23.05	24.50
	DFT-s-OFDM BPSK	50	0	22.93	22.81	22.93	24.50
		50	28	23.24	23.36	23.51	24.50
		50	56	22.93	22.81	22.63	24.50
	DFT-s-OFDM BPSK	100	0	22.83	22.86	23.00	24.50
		1	1	23.30	23.35	23.43	24.50
	DFT-s-OFDM QPSK	1	1	23.30	23.17	23.18	24.50
		1	53	23.30	23.17	23.18	24.50
		1	104	23.41	23.27	23.00	24.50
	DFT-s-OFDM QPSK	50	0	22.81	22.84	22.94	24.50
		50	28	23.53	23.16	23.58	24.50
		50	56	23.02	23.02	22.79	24.50
	DFT-s-OFDM QPSK	100	0	23.10	23.07	23.08	24.50
	DFT-s-OFDM 16QAM	1	1	22.60	22.61	22.73	24.50
DFT-s-OFDM 64QAM	1	1	22.68	22.64	22.44	23.50	
DFT-s-OFDM 256QAM	1	1	20.44	20.37	20.51	21.50	
CP-OFDM QPSK	1	1	23.65	23.60	23.39	24.50	
CP-OFDM 16QAM	1	1	23.16	22.89	23.10	24.00	
CP-OFDM 64QAM	1	1	21.22	21.23	21.30	22.50	
CP-OFDM 256QAM	1	1	18.06	18.15	18.03	19.50	

8.5.6 NR Band66 Output Power

N66-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	25.01	24.84	25.04	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.85	25.08	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	25.11	25.21	25.09	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	25.15	24.90	25.15	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.91	24.91	25.19	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.83	25.14	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	25.05	24.98	25.08	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.96	24.89	24.95	25.50
		1	108	24.98	25.06	25.04	25.50
		1	214	24.86	24.94	25.01	25.50
	DFT-s-OFDM BPSK	108	0	24.42	24.56	24.43	25.50
		108	54	24.75	24.95	24.97	25.50
		108	108	24.39	24.46	24.53	25.50
	DFT-s-OFDM BPSK	216	0	24.25	24.32	24.37	24.50
		1	1	24.98	25.03	25.15	25.50
		1	108	25.08	24.90	24.85	25.50
	DFT-s-OFDM QPSK	1	214	24.83	24.86	25.11	25.50
		108	0	24.46	24.36	24.24	25.50
		108	54	24.91	24.83	24.85	25.50
	DFT-s-OFDM QPSK	108	108	24.30	24.60	24.63	25.50
		216	0	24.25	24.37	24.42	24.50
	DFT-s-OFDM 16QAM	1	1	24.47	24.27	24.41	24.50
	DFT-s-OFDM 64QAM	1	1	22.34	22.53	22.35	23.00
DFT-s-OFDM 256QAM	1	1	20.65	20.50	20.57	21.00	
CP-OFDM QPSK	1	1	23.48	23.62	23.80	24.00	
CP-OFDM 16QAM	1	1	22.83	22.83	22.68	23.50	
CP-OFDM 64QAM	1	1	21.35	21.40	21.59	22.00	
CP-OFDM 256QAM	1	1	18.17	18.31	18.31	19.00	

N66-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	17.53	17.38	17.49	18.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	17.40	17.61	17.48	18.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	17.60	17.76	17.63	18.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	17.63	17.42	17.65	18.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	17.38	17.44	17.64	18.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	17.07	17.32	17.60	18.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	17.58	17.44	17.54	18.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	17.52	17.40	17.40	18.00
		1	108	17.43	17.56	17.54	18.00
		1	214	17.39	17.45	17.48	18.00
	DFT-s-OFDM BPSK	108	0	16.96	16.85	17.15	18.00
		108	54	17.14	17.05	17.12	18.00
		108	108	17.18	16.96	17.18	18.00
	DFT-s-OFDM BPSK	216	0	17.14	16.91	17.23	18.00
		1	1	17.08	16.91	16.86	18.00
	DFT-s-OFDM QPSK	1	108	17.22	17.06	17.06	18.00
		1	214	17.14	16.93	16.91	18.00
		108	0	17.00	17.13	17.00	18.00
	DFT-s-OFDM QPSK	108	54	17.13	17.11	17.03	18.00
		108	108	16.85	16.94	17.19	18.00
	DFT-s-OFDM QPSK	216	0	17.18	17.20	17.21	18.00
	DFT-s-OFDM 16QAM	1	1	16.90	16.94	17.20	18.00
	DFT-s-OFDM 64QAM	1	1	16.92	16.98	17.16	18.00
DFT-s-OFDM 256QAM	1	1	16.85	16.85	16.90	18.00	
CP-OFDM QPSK	1	1	16.97	16.87	16.85	18.00	
CP-OFDM 16QAM	1	1	17.07	16.90	16.86	18.00	
CP-OFDM 64QAM	1	1	16.95	16.89	16.98	18.00	
CP-OFDM 256QAM	1	1	17.04	17.23	17.17	18.00	

N66-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	25.01	24.84	25.04	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.85	25.08	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	25.11	25.21	25.09	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	25.15	24.90	25.15	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.91	24.91	25.19	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.83	25.14	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	25.05	24.98	25.08	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.96	24.89	24.95	25.50
		1	108	24.98	25.06	25.04	25.50
		1	214	24.86	24.94	25.01	25.50
	DFT-s-OFDM BPSK	108	0	24.42	24.56	24.43	25.50
		108	54	24.75	24.95	24.97	25.50
		108	108	24.39	24.46	24.53	25.50
	DFT-s-OFDM BPSK	216	0	24.25	24.32	24.37	24.50
		1	1	24.98	25.03	25.15	25.50
	DFT-s-OFDM QPSK	1	108	25.08	24.90	24.85	25.50
		1	214	24.83	24.86	25.11	25.50
		108	0	24.46	24.36	24.24	25.50
	DFT-s-OFDM QPSK	108	54	24.91	24.83	24.85	25.50
		108	108	24.30	24.60	24.63	25.50
	DFT-s-OFDM QPSK	216	0	24.25	24.37	24.42	24.50
	DFT-s-OFDM 16QAM	1	1	24.47	24.27	24.41	24.50
	DFT-s-OFDM 64QAM	1	1	22.34	22.53	22.35	23.00
DFT-s-OFDM 256QAM	1	1	20.65	20.50	20.57	21.00	
CP-OFDM QPSK	1	1	23.48	23.62	23.80	24.00	
CP-OFDM 16QAM	1	1	22.83	22.83	22.68	23.50	
CP-OFDM 64QAM	1	1	21.35	21.40	21.59	22.00	
CP-OFDM 256QAM	1	1	18.17	18.31	18.31	19.00	

N66-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	21.05	20.90	21.09	21.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	20.84	21.06	20.98	21.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	21.07	21.25	21.11	21.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.10	20.91	21.11	21.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	20.97	20.96	21.20	21.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	20.58	20.83	21.15	21.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	21.09	21.03	21.14	21.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	21.01	20.90	20.94	21.50
		1	108	20.99	21.08	21.07	21.50
		1	214	20.86	20.89	21.06	21.50
	DFT-s-OFDM BPSK	108	0	20.39	20.55	20.47	21.50
		108	54	20.61	20.59	20.69	21.50
		108	108	20.60	20.44	20.55	21.50
	DFT-s-OFDM BPSK	216	0	20.46	20.37	20.51	21.50
		1	1	20.53	20.72	20.55	21.50
	DFT-s-OFDM QPSK	1	108	20.40	20.52	20.58	21.50
		1	214	20.61	20.39	20.70	21.50
		108	0	20.41	20.47	20.41	21.50
	DFT-s-OFDM QPSK	108	54	20.52	20.67	20.66	21.50
		108	108	20.49	20.38	20.68	21.50
	DFT-s-OFDM QPSK	216	0	20.51	20.51	20.49	21.50
	DFT-s-OFDM 16QAM	1	1	20.72	20.55	20.62	21.50
	DFT-s-OFDM 64QAM	1	1	20.36	20.49	20.54	21.50
DFT-s-OFDM 256QAM	1	1	20.70	20.65	20.43	21.00	
CP-OFDM QPSK	1	1	20.55	20.50	20.38	21.50	
CP-OFDM 16QAM	1	1	20.65	20.54	20.65	21.50	
CP-OFDM 64QAM	1	1	20.45	20.38	20.40	21.50	
CP-OFDM 256QAM	1	1	18.26	18.34	18.41	19.00	

8.5.6 NR Band66 Output Power

N66-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	24.35	24.76	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.19	24.58	24.86	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.31	24.50	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	24.24	24.46	24.71	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.31	24.63	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.52	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.39	24.41	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.52	24.53	24.65	25.50
		1	108	24.57	24.62	24.52	25.50
		1	214	24.49	24.52	24.58	25.50
	DFT-s-OFDM BPSK	108	0	23.79	23.93	24.13	25.50
		108	54	24.55	24.50	24.63	25.50
		108	108	24.26	24.13	24.11	25.50
	DFT-s-OFDM BPSK	216	0	23.97	24.13	23.95	24.50
		1	1	24.39	24.62	24.70	25.50
	DFT-s-OFDM QPSK	1	108	24.61	24.46	24.61	25.50
		1	214	24.60	24.32	24.76	25.50
		108	0	23.86	23.82	24.27	25.50
	DFT-s-OFDM QPSK	108	54	24.45	24.50	24.78	25.50
		108	108	24.44	24.07	24.05	25.50
	DFT-s-OFDM QPSK	216	0	23.79	24.09	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.37	23.46	23.64	24.50
	DFT-s-OFDM 64QAM	1	1	22.20	22.12	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.31	20.18	20.22	21.00	
CP-OFDM QPSK	1	1	23.00	22.92	22.79	24.00	
CP-OFDM 16QAM	1	1	22.47	22.58	22.49	23.50	
CP-OFDM 64QAM	1	1	20.72	20.92	20.84	22.00	
CP-OFDM 256QAM	1	1	17.97	17.84	17.88	19.00	

N66-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	24.35	24.76	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.19	24.58	24.86	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.31	24.50	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	24.24	24.46	24.71	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.31	24.63	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.52	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.39	24.41	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.52	24.53	24.65	25.50
		1	108	24.57	24.62	24.52	25.50
		1	214	24.49	24.52	24.58	25.50
	DFT-s-OFDM BPSK	108	0	23.79	23.93	24.13	25.50
		108	54	24.55	24.50	24.63	25.50
		108	108	24.26	24.13	24.11	25.50
	DFT-s-OFDM BPSK	216	0	23.97	24.13	23.95	24.50
		1	1	24.39	24.62	24.70	25.50
	DFT-s-OFDM QPSK	1	108	24.61	24.46	24.61	25.50
		1	214	24.60	24.32	24.76	25.50
		108	0	23.86	23.82	24.27	25.50
	DFT-s-OFDM QPSK	108	54	24.45	24.50	24.78	25.50
		108	108	24.44	24.07	24.05	25.50
	DFT-s-OFDM QPSK	216	0	23.79	24.09	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.37	23.46	23.64	24.50
	DFT-s-OFDM 64QAM	1	1	22.20	22.12	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.31	20.18	20.22	21.00	
CP-OFDM QPSK	1	1	23.00	22.92	22.79	24.00	
CP-OFDM 16QAM	1	1	22.47	22.58	22.49	23.50	
CP-OFDM 64QAM	1	1	20.72	20.92	20.84	22.00	
CP-OFDM 256QAM	1	1	17.97	17.84	17.88	19.00	

N66-ANT3 DSI2&3

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.80	23.35	23.39	24.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.58	23.20	23.39	24.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.74	22.99	23.29	24.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.62	22.88	23.27	24.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	22.95	23.17	22.97	24.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	23.01	23.15	22.91	24.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	22.84	22.87	23.36	24.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	23.09	22.91	23.08	24.00
		1	108	23.06	23.01	23.15	24.00
		1	214	23.00	23.06	23.10	24.00
	DFT-s-OFDM BPSK	108	0	22.41	22.41	22.65	24.00
		108	54	23.07	23.01	23.24	24.00
		108	108	22.79	22.52	22.57	24.00
	DFT-s-OFDM BPSK	216	0	22.36	22.64	22.47	24.00
		1	1	22.87	23.19	23.12	24.00
	DFT-s-OFDM QPSK	1	108	23.00	23.03	23.15	24.00
		1	214	23.23	22.78	23.15	24.00
		108	0	22.40	22.38	22.91	24.00
	DFT-s-OFDM QPSK	108	54	23.08	23.08	23.26	24.00
		108	108	22.89	22.71	22.52	24.00
	DFT-s-OFDM QPSK	216	0	22.82	23.13	22.92	24.00
	DFT-s-OFDM 16QAM	1	1	22.81	23.02	23.28	24.00
	DFT-s-OFDM 64QAM	1	1	22.27	22.06	22.32	23.00
	DFT-s-OFDM 256QAM	1	1	20.23	20.21	20.19	21.00
CP-OFDM QPSK	1	1	22.64	22.42	22.28	24.00	
CP-OFDM 16QAM	1	1	22.60	22.51	22.40	23.50	
CP-OFDM 64QAM	1	1	20.82	20.98	20.77	22.00	
CP-OFDM 256QAM	1	1	18.07	17.80	17.88	19.00	

N66-ANT3 DSI5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	19.88	20.30	20.25	21.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	19.72	20.01	20.40	21.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	19.88	19.98	20.09	21.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	19.67	20.09	20.24	21.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	19.92	20.10	20.10	21.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	20.18	19.90	20.00	21.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	19.91	19.97	20.22	21.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	20.04	20.00	20.06	21.00
		1	108	19.99	20.03	20.12	21.00
		1	214	20.06	20.13	19.96	21.00
	DFT-s-OFDM BPSK	108	0	19.42	19.34	19.51	21.00
		108	54	20.10	19.90	20.05	21.00
		108	108	19.90	19.63	19.59	21.00
	DFT-s-OFDM BPSK	216	0	19.58	19.60	19.46	21.00
		1	1	20.02	20.01	20.14	21.00
		1	108	20.04	19.97	20.14	21.00
	DFT-s-OFDM QPSK	1	214	20.17	19.83	20.40	21.00
		108	0	19.42	19.23	19.78	21.00
		108	54	19.85	19.92	20.40	21.00
	DFT-s-OFDM QPSK	108	108	19.87	19.67	19.58	21.00
		216	0	19.69	20.18	19.99	21.00
	DFT-s-OFDM 16QAM	1	1	19.95	20.04	20.26	21.00
	DFT-s-OFDM 64QAM	1	1	19.77	19.59	19.79	21.00
DFT-s-OFDM 256QAM	1	1	19.73	19.82	19.71	21.00	
CP-OFDM QPSK	1	1	19.89	19.95	19.71	21.00	
CP-OFDM 16QAM	1	1	20.04	20.01	19.92	21.00	
CP-OFDM 64QAM	1	1	19.75	20.04	19.87	21.00	
CP-OFDM 256QAM	1	1	17.98	17.90	17.80	19.00	

8.5.6 NR Band66 Output Power

N66-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	23.87	23.67	23.54	24.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	23.93	23.80	23.85	24.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.07	23.70	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	23.83	23.81	23.66	24.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	23.85	23.80	23.84	24.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	23.90	24.17	23.94	24.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.00	23.93	24.02	24.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	23.97	23.95	23.84	24.50
		1	108	24.12	23.75	24.05	24.50
		1	214	23.78	24.20	24.12	24.50
	DFT-s-OFDM BPSK	108	0	23.64	23.63	23.58	24.50
		108	54	23.80	24.00	23.95	24.50
		108	108	23.76	23.80	23.86	24.50
	DFT-s-OFDM BPSK	216	0	23.50	23.45	23.50	23.50
		1	1	23.92	23.82	23.66	24.50
	DFT-s-OFDM QPSK	1	108	24.11	23.91	24.14	24.50
		1	214	23.69	24.21	24.27	24.50
		108	0	23.44	23.46	23.54	24.50
	DFT-s-OFDM QPSK	108	54	23.95	23.75	24.09	24.50
		108	108	23.80	23.98	23.78	24.50
	DFT-s-OFDM QPSK	216	0	23.49	23.41	23.47	23.50
	DFT-s-OFDM 16QAM	1	1	22.55	22.75	22.81	23.50
	DFT-s-OFDM 64QAM	1	1	21.28	21.39	21.23	22.00
DFT-s-OFDM 256QAM	1	1	19.77	19.64	19.55	20.00	
CP-OFDM QPSK	1	1	22.22	22.23	22.21	23.00	
CP-OFDM 16QAM	1	1	21.21	21.38	21.20	22.50	
CP-OFDM 64QAM	1	1	20.37	20.23	20.39	21.00	
CP-OFDM 256QAM	1	1	17.13	17.29	17.35	18.00	

N66-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	17.32	17.16	17.04	18.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	17.42	17.28	17.28	18.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	17.57	17.16	17.36	18.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	17.38	17.41	17.14	18.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	17.28	17.40	17.28	18.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	17.45	17.78	17.36	18.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	17.58	17.49	17.52	18.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	17.36	17.41	17.25	18.00
		1	108	17.69	17.36	17.62	18.00
		1	214	17.41	17.73	17.76	18.00
	DFT-s-OFDM BPSK	108	0	17.16	17.19	17.11	18.00
		108	54	17.33	17.59	17.57	18.00
		108	108	17.27	17.20	17.26	18.00
	DFT-s-OFDM BPSK	216	0	16.95	17.03	16.96	18.00
		1	1	17.56	17.36	17.23	18.00
	DFT-s-OFDM QPSK	1	108	17.69	17.53	17.68	18.00
		1	214	17.29	17.83	17.85	18.00
		108	0	16.91	17.04	16.98	18.00
	DFT-s-OFDM QPSK	108	54	17.42	17.18	17.65	18.00
		108	108	17.27	17.52	17.34	18.00
	DFT-s-OFDM QPSK	216	0	17.50	17.33	17.50	18.00
	DFT-s-OFDM 16QAM	1	1	17.45	17.85	17.80	18.00
	DFT-s-OFDM 64QAM	1	1	17.32	17.16	17.30	18.00
DFT-s-OFDM 256QAM	1	1	17.11	17.21	17.16	18.00	
CP-OFDM QPSK	1	1	17.19	17.32	17.31	18.00	
CP-OFDM 16QAM	1	1	17.23	17.29	17.18	18.00	
CP-OFDM 64QAM	1	1	17.25	17.25	17.14	18.00	
CP-OFDM 256QAM	1	1	17.22	17.14	17.24	18.00	

N66-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	21.45	21.06	20.97	22.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	21.42	21.21	21.29	22.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	21.52	21.11	21.18	22.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.47	21.36	21.23	22.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	21.37	21.23	21.31	22.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	21.39	21.59	21.40	22.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	21.47	21.54	21.60	22.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	21.58	21.38	21.39	22.00
		1	108	21.62	21.39	21.59	22.00
		1	214	21.38	21.63	21.51	22.00
	DFT-s-OFDM BPSK	108	0	21.05	21.06	21.04	22.00
		108	54	21.37	21.64	21.53	22.00
		108	108	21.25	21.28	21.50	22.00
	DFT-s-OFDM BPSK	216	0	21.05	20.95	21.09	22.00
		1	1	21.49	21.35	21.18	22.00
	DFT-s-OFDM QPSK	1	108	21.61	21.42	21.56	22.00
		1	214	21.07	21.59	21.77	22.00
		108	0	20.83	21.10	21.16	22.00
	DFT-s-OFDM QPSK	108	54	21.46	21.27	21.61	22.00
		108	108	21.33	21.51	21.33	22.00
	DFT-s-OFDM QPSK	216	0	21.60	21.40	21.49	22.00
	DFT-s-OFDM 16QAM	1	1	21.18	21.28	21.25	22.00
	DFT-s-OFDM 64QAM	1	1	21.32	21.40	21.18	22.00
DFT-s-OFDM 256QAM	1	1	19.79	19.63	19.69	20.00	
CP-OFDM QPSK	1	1	21.36	21.19	21.19	22.00	
CP-OFDM 16QAM	1	1	21.14	21.27	21.09	22.00	
CP-OFDM 64QAM	1	1	20.43	20.21	20.37	21.00	
CP-OFDM 256QAM	1	1	17.18	17.26	17.47	18.00	

8.5.6 NR Band66 Output Power

N66-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.04	21.71	21.57	23.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.17	21.59	21.90	23.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.33	21.38	21.62	23.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.09	21.51	21.80	23.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	21.98	21.56	21.58	23.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	22.25	22.16	21.89	23.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	22.16	22.09	22.03	23.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	22.19	22.20	21.89	23.00
		1	108	22.05	21.78	22.01	23.00
		1	214	21.59	21.92	21.65	23.00
	DFT-s-OFDM BPSK	108	0	21.56	21.73	21.68	23.00
		108	54	22.18	22.12	22.06	23.00
		108	108	21.56	21.70	21.79	23.00
	DFT-s-OFDM BPSK	216	0	21.96	21.78	21.61	22.00
		1	1	22.17	21.56	21.75	23.00
	DFT-s-OFDM QPSK	1	108	21.94	21.94	22.06	23.00
		1	214	21.51	22.05	21.62	23.00
		108	0	21.75	21.81	21.53	23.00
	DFT-s-OFDM QPSK	108	54	22.08	21.87	22.09	23.00
		108	108	21.76	21.89	21.84	23.00
	DFT-s-OFDM QPSK	216	0	21.81	21.60	21.73	22.00
	DFT-s-OFDM 16QAM	1	1	20.48	20.58	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	18.90	18.78	18.75	20.50
DFT-s-OFDM 256QAM	1	1	17.58	17.38	17.55	18.50	
CP-OFDM QPSK	1	1	19.73	19.86	19.77	21.50	
CP-OFDM 16QAM	1	1	19.09	19.25	19.07	21.00	
CP-OFDM 64QAM	1	1	18.43	18.56	18.49	19.50	
CP-OFDM 256QAM	1	1	15.70	15.67	15.71	16.50	

N66-ANT5 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.04	21.71	21.57	23.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.17	21.59	21.90	23.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.33	21.38	21.62	23.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.09	21.51	21.80	23.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	21.98	21.56	21.58	23.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	22.25	22.16	21.89	23.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	22.16	22.09	22.03	23.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	22.19	22.20	21.89	23.00
		1	108	22.05	21.78	22.01	23.00
		1	214	21.59	21.92	21.65	23.00
	DFT-s-OFDM BPSK	108	0	21.56	21.73	21.68	23.00
		108	54	22.18	22.12	22.06	23.00
		108	108	21.56	21.70	21.79	23.00
	DFT-s-OFDM BPSK	216	0	21.96	21.78	21.61	22.00
		1	1	22.17	21.56	21.75	23.00
	DFT-s-OFDM QPSK	1	108	21.94	21.94	22.06	23.00
		1	214	21.51	22.05	21.62	23.00
		108	0	21.75	21.81	21.53	23.00
	DFT-s-OFDM QPSK	108	54	22.08	21.87	22.09	23.00
		108	108	21.76	21.89	21.84	23.00
	DFT-s-OFDM QPSK	216	0	21.81	21.60	21.73	22.00
	DFT-s-OFDM 16QAM	1	1	20.48	20.58	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	18.90	18.78	18.75	20.50
DFT-s-OFDM 256QAM	1	1	17.58	17.38	17.55	18.50	
CP-OFDM QPSK	1	1	19.73	19.86	19.77	21.50	
CP-OFDM 16QAM	1	1	19.09	19.25	19.07	21.00	
CP-OFDM 64QAM	1	1	18.43	18.56	18.49	19.50	
CP-OFDM 256QAM	1	1	15.70	15.67	15.71	16.50	

8.5.6 NR Band66 Output Power(ENDC)

N66-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	25.01	24.84	25.04	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.85	25.08	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	25.11	25.21	25.09	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	25.15	24.90	25.15	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.91	24.91	25.19	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.83	25.14	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	25.05	24.98	25.08	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.96	24.89	24.95	25.50
		1	108	24.98	25.06	25.04	25.50
		1	214	24.86	24.94	25.01	25.50
	DFT-s-OFDM BPSK	108	0	24.42	24.56	24.43	25.50
		108	54	24.75	24.95	24.97	25.50
		108	108	24.39	24.46	24.53	25.50
	DFT-s-OFDM BPSK	216	0	24.25	24.32	24.37	24.50
	DFT-s-OFDM QPSK	1	1	24.98	25.03	25.15	25.50
		1	108	25.08	24.90	24.85	25.50
		1	214	24.83	24.86	25.11	25.50
	DFT-s-OFDM QPSK	108	0	24.46	24.36	24.24	25.50
		108	54	24.91	24.83	24.85	25.50
		108	108	24.30	24.60	24.63	25.50
	DFT-s-OFDM QPSK	216	0	24.25	24.37	24.42	24.50
	DFT-s-OFDM 16QAM	1	1	24.47	24.27	24.41	24.50
	DFT-s-OFDM 64QAM	1	1	22.34	22.53	22.35	23.00
DFT-s-OFDM 256QAM	1	1	20.65	20.50	20.57	21.00	
CP-OFDM QPSK	1	1	23.48	23.62	23.80	24.00	
CP-OFDM 16QAM	1	1	22.83	22.83	22.68	23.50	
CP-OFDM 64QAM	1	1	21.35	21.40	21.59	22.00	
CP-OFDM 256QAM	1	1	18.17	18.31	18.31	19.00	

N66-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	14.47	14.67	14.50	15.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	14.50	14.74	14.66	15.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	14.62	14.74	14.37	15.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	14.63	15.00	14.57	15.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	14.59	14.97	14.37	15.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	14.40	14.93	14.48	15.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	14.36	14.83	14.43	15.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	14.95	15.01	14.94	15.50
		1	108	14.92	14.80	15.04	15.50
		1	214	14.73	14.99	14.83	15.50
	DFT-s-OFDM BPSK	108	0	14.79	14.79	14.44	15.50
		108	54	14.60	14.57	14.76	15.50
		108	108	14.71	14.45	14.72	15.50
	DFT-s-OFDM BPSK	216	0	14.57	14.64	14.59	15.50
	DFT-s-OFDM QPSK	1	1	14.46	14.80	14.54	15.50
		1	108	14.54	14.63	14.50	15.50
		1	214	14.40	14.75	14.50	15.50
	DFT-s-OFDM QPSK	108	0	14.42	14.46	14.40	15.50
		108	54	14.70	14.73	14.59	15.50
		108	108	14.58	14.58	14.77	15.50
	DFT-s-OFDM QPSK	216	0	14.40	14.75	14.55	15.50
	DFT-s-OFDM 16QAM	1	1	14.76	14.58	14.50	15.50
	DFT-s-OFDM 64QAM	1	1	14.80	14.74	14.49	15.50
DFT-s-OFDM 256QAM	1	1	14.43	14.59	14.45	15.50	
CP-OFDM QPSK	1	1	14.51	14.51	14.71	15.50	
CP-OFDM 16QAM	1	1	14.41	14.41	14.78	15.50	
CP-OFDM 64QAM	1	1	14.76	14.73	14.47	15.50	
CP-OFDM 256QAM	1	1	14.75	14.64	14.79	15.50	

N66-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	25.01	24.84	25.04	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.85	25.08	24.95	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	25.11	25.21	25.09	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	25.15	24.90	25.15	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.91	24.91	25.19	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.83	25.14	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	25.05	24.98	25.08	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.96	24.89	24.95	25.50
		1	108	24.98	25.06	25.04	25.50
		1	214	24.86	24.94	25.01	25.50
	DFT-s-OFDM BPSK	108	0	24.42	24.56	24.43	25.50
		108	54	24.75	24.95	24.97	25.50
		108	108	24.39	24.46	24.53	25.50
	DFT-s-OFDM BPSK	216	0	24.25	24.32	24.37	24.50
	DFT-s-OFDM QPSK	1	1	24.98	25.03	25.15	25.50
		1	108	25.08	24.90	24.85	25.50
		1	214	24.83	24.86	25.11	25.50
	DFT-s-OFDM QPSK	108	0	24.46	24.36	24.24	25.50
		108	54	24.91	24.83	24.85	25.50
		108	108	24.30	24.60	24.63	25.50
	DFT-s-OFDM QPSK	216	0	24.25	24.37	24.42	24.50
	DFT-s-OFDM 16QAM	1	1	24.47	24.27	24.41	24.50
	DFT-s-OFDM 64QAM	1	1	22.34	22.53	22.35	23.00
DFT-s-OFDM 256QAM	1	1	20.65	20.50	20.57	21.00	
CP-OFDM QPSK	1	1	23.48	23.62	23.80	24.00	
CP-OFDM 16QAM	1	1	22.83	22.83	22.68	23.50	
CP-OFDM 64QAM	1	1	21.35	21.40	21.59	22.00	
CP-OFDM 256QAM	1	1	18.17	18.31	18.31	19.00	

N66-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	16.51	16.91	16.40	17.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	16.57	16.56	16.74	17.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	16.75	16.68	16.74	17.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	16.50	16.59	16.67	17.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	16.75	16.56	16.77	17.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	16.54	16.60	16.75	17.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	16.83	16.62	16.53	17.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	16.94	16.90	17.06	17.50
		1	108	16.85	16.96	17.02	17.50
		1	214	16.88	17.02	16.82	17.50
	DFT-s-OFDM BPSK	108	0	16.47	16.75	16.42	17.50
		108	54	16.49	16.67	16.70	17.50
		108	108	16.79	16.57	16.61	17.50
	DFT-s-OFDM BPSK	216	0	16.63	16.55	16.63	17.50
	DFT-s-OFDM QPSK	1	1	16.64	16.75	16.60	17.50
		1	108	16.78	16.61	16.61	17.50
		1	214	16.57	16.57	16.79	17.50
	DFT-s-OFDM QPSK	108	0	16.70	16.51	16.79	17.50
		108	54	16.45	16.67	16.72	17.50
		108	108	16.61	16.53	16.49	17.50
	DFT-s-OFDM QPSK	216	0	16.64	16.61	16.48	17.50
	DFT-s-OFDM 16QAM	1	1	16.63	16.53	16.78	17.50
	DFT-s-OFDM 64QAM	1	1	16.62	16.56	16.56	17.50
DFT-s-OFDM 256QAM	1	1	16.45	16.63	16.70	17.50	
CP-OFDM QPSK	1	1	16.57	16.62	16.61	17.50	
CP-OFDM 16QAM	1	1	16.48	16.43	16.62	17.50	
CP-OFDM 64QAM	1	1	16.42	16.40	16.53	17.50	
CP-OFDM 256QAM	1	1	16.53	16.53	16.47	17.50	

8.5.6 NR Band66 Output Power(ENDC)

N66-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	24.35	24.76	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.19	24.58	24.86	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.31	24.50	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	24.24	24.46	24.71	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.31	24.63	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.52	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.39	24.41	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.52	24.53	24.65	25.50
		1	108	24.57	24.62	24.52	25.50
		1	214	24.49	24.52	24.58	25.50
	DFT-s-OFDM BPSK	108	0	23.79	23.93	24.13	25.50
		108	54	24.55	24.50	24.63	25.50
		108	108	24.26	24.13	24.11	25.50
	DFT-s-OFDM BPSK	216	0	23.97	24.13	23.95	24.50
	DFT-s-OFDM QPSK	1	1	24.39	24.62	24.70	25.50
		1	108	24.61	24.46	24.61	25.50
		1	214	24.60	24.32	24.76	25.50
	DFT-s-OFDM QPSK	108	0	23.86	23.82	24.27	25.50
		108	54	24.45	24.50	24.78	25.50
		108	108	24.44	24.07	24.05	25.50
	DFT-s-OFDM QPSK	216	0	23.79	24.09	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.37	23.46	23.64	24.50
	DFT-s-OFDM 64QAM	1	1	22.20	22.12	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.31	20.18	20.22	21.00	
CP-OFDM QPSK	1	1	23.00	22.92	22.79	24.00	
CP-OFDM 16QAM	1	1	22.47	22.58	22.49	23.50	
CP-OFDM 64QAM	1	1	20.72	20.92	20.84	22.00	
CP-OFDM 256QAM	1	1	17.97	17.84	17.88	19.00	

N66-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	24.35	24.76	24.83	25.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	24.19	24.58	24.86	25.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.31	24.50	24.66	25.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	24.24	24.46	24.71	25.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	24.31	24.63	24.58	25.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	24.60	24.52	24.46	25.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.39	24.41	24.78	25.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	24.52	24.53	24.65	25.50
		1	108	24.57	24.62	24.52	25.50
		1	214	24.49	24.52	24.58	25.50
	DFT-s-OFDM BPSK	108	0	23.79	23.93	24.13	25.50
		108	54	24.55	24.50	24.63	25.50
		108	108	24.26	24.13	24.11	25.50
	DFT-s-OFDM BPSK	216	0	23.97	24.13	23.95	24.50
	DFT-s-OFDM QPSK	1	1	24.39	24.62	24.70	25.50
		1	108	24.61	24.46	24.61	25.50
		1	214	24.60	24.32	24.76	25.50
	DFT-s-OFDM QPSK	108	0	23.86	23.82	24.27	25.50
		108	54	24.45	24.50	24.78	25.50
		108	108	24.44	24.07	24.05	25.50
	DFT-s-OFDM QPSK	216	0	23.79	24.09	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.37	23.46	23.64	24.50
	DFT-s-OFDM 64QAM	1	1	22.20	22.12	22.18	23.00
DFT-s-OFDM 256QAM	1	1	20.31	20.18	20.22	21.00	
CP-OFDM QPSK	1	1	23.00	22.92	22.79	24.00	
CP-OFDM 16QAM	1	1	22.47	22.58	22.49	23.50	
CP-OFDM 64QAM	1	1	20.72	20.92	20.84	22.00	
CP-OFDM 256QAM	1	1	17.97	17.84	17.88	19.00	

N66-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	18.44	18.60	18.55	19.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	18.50	18.51	18.52	19.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	18.84	18.60	18.39	19.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	18.72	18.44	18.48	19.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	18.53	18.73	18.48	19.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	18.71	18.71	18.46	19.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	18.49	18.46	18.47	19.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	18.72	18.56	18.61	19.50
		1	108	18.62	18.68	18.49	19.50
		1	214	18.51	18.68	18.54	19.50
	DFT-s-OFDM BPSK	108	0	18.64	18.40	18.65	19.50
		108	54	18.80	18.54	18.54	19.50
		108	108	18.59	18.58	18.57	19.50
	DFT-s-OFDM BPSK	216	0	18.45	18.55	18.79	19.50
	DFT-s-OFDM QPSK	1	1	18.64	18.59	18.47	19.50
		1	108	18.68	18.41	18.69	19.50
		1	214	18.70	18.46	18.49	19.50
	DFT-s-OFDM QPSK	108	0	18.61	18.57	18.45	19.50
		108	54	18.69	18.54	18.63	19.50
		108	108	18.47	18.64	18.56	19.50
	DFT-s-OFDM QPSK	216	0	18.54	18.46	18.63	19.50
	DFT-s-OFDM 16QAM	1	1	18.50	18.68	18.50	19.50
	DFT-s-OFDM 64QAM	1	1	18.40	18.53	18.56	19.50
DFT-s-OFDM 256QAM	1	1	18.69	18.60	18.58	19.50	
CP-OFDM QPSK	1	1	18.55	18.51	18.70	19.50	
CP-OFDM 16QAM	1	1	18.60	18.59	18.78	19.50	
CP-OFDM 64QAM	1	1	18.64	18.47	18.79	19.50	
CP-OFDM 256QAM	1	1	17.97	18.29	18.02	19.00	

8.5.6 NR Band66 Output Power(ENDC)

N66-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	23.87	23.67	23.54	24.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	23.93	23.80	23.85	24.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	24.07	23.70	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	23.83	23.81	23.66	24.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	23.85	23.80	23.84	24.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	23.90	24.17	23.94	24.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	24.00	23.93	24.02	24.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	23.97	23.95	23.84	24.50
		1	108	24.12	23.75	24.05	24.50
		1	214	23.78	24.20	24.12	24.50
	DFT-s-OFDM BPSK	108	0	23.64	23.63	23.58	24.50
		108	54	23.80	24.00	23.95	24.50
		108	108	23.76	23.80	23.86	24.50
	DFT-s-OFDM BPSK	216	0	23.50	23.45	23.50	23.50
	DFT-s-OFDM QPSK	1	1	23.92	23.82	23.66	24.50
		1	108	24.11	23.91	24.14	24.50
		1	214	23.69	24.21	24.27	24.50
	DFT-s-OFDM QPSK	108	0	23.44	23.46	23.54	24.50
		108	54	23.95	23.75	24.09	24.50
		108	108	23.80	23.98	23.78	24.50
	DFT-s-OFDM QPSK	216	0	23.49	23.41	23.47	23.50
	DFT-s-OFDM 16QAM	1	1	22.55	22.75	22.81	23.50
	DFT-s-OFDM 64QAM	1	1	21.28	21.39	21.23	22.00
DFT-s-OFDM 256QAM	1	1	19.77	19.64	19.55	20.00	
CP-OFDM QPSK	1	1	22.22	22.23	22.21	23.00	
CP-OFDM 16QAM	1	1	21.21	21.38	21.20	22.50	
CP-OFDM 64QAM	1	1	20.37	20.23	20.39	21.00	
CP-OFDM 256QAM	1	1	17.13	17.29	17.35	18.00	

N66-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	14.98	15.10	15.08	16.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	15.09	15.11	15.04	16.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	15.26	15.21	15.07	16.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	15.03	14.97	15.25	16.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	15.24	15.27	14.97	16.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	14.99	15.18	15.20	16.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	15.29	15.04	15.22	16.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	14.87	14.85	15.06	16.50
		1	108	15.15	14.91	14.96	16.50
		1	214	15.19	14.97	14.99	16.50
	DFT-s-OFDM BPSK	108	0	15.18	15.09	14.96	16.50
		108	54	15.17	14.91	14.96	16.50
		108	108	15.00	15.16	14.80	16.50
	DFT-s-OFDM BPSK	216	0	14.87	14.92	15.08	16.50
	DFT-s-OFDM QPSK	1	1	15.09	15.10	15.07	16.50
		1	108	15.03	15.17	15.12	16.50
		1	214	15.05	14.88	14.84	16.50
	DFT-s-OFDM QPSK	108	0	14.93	15.16	14.92	16.50
		108	54	15.11	14.98	15.15	16.50
		108	108	14.82	14.83	15.12	16.50
	DFT-s-OFDM QPSK	216	0	15.20	15.13	15.10	16.50
	DFT-s-OFDM 16QAM	1	1	14.93	15.20	15.09	16.50
	DFT-s-OFDM 64QAM	1	1	15.14	15.06	15.01	16.50
DFT-s-OFDM 256QAM	1	1	15.10	14.99	15.11	16.50	
CP-OFDM QPSK	1	1	15.11	15.17	14.96	16.50	
CP-OFDM 16QAM	1	1	14.99	15.12	15.10	16.50	
CP-OFDM 64QAM	1	1	15.02	14.98	15.14	16.50	
CP-OFDM 256QAM	1	1	15.00	14.99	15.15	16.50	

N66-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	19.64	19.80	19.72	21.50
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	19.78	19.74	19.86	21.50
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	19.66	19.71	19.85	21.50
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	19.84	19.72	19.94	21.50
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	19.86	19.74	19.67	21.50
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	19.84	19.68	19.77	21.50
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	19.64	19.73	19.97	21.50
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	20.08	19.92	20.20	21.50
		1	108	19.83	20.02	19.99	21.50
		1	214	19.88	20.06	20.20	21.50
	DFT-s-OFDM BPSK	108	0	20.19	19.99	19.89	21.50
		108	54	19.81	19.98	19.90	21.50
		108	108	20.14	20.13	20.03	21.50
	DFT-s-OFDM BPSK	216	0	20.20	19.99	19.80	21.50
	DFT-s-OFDM QPSK	1	1	19.84	19.83	19.83	21.50
		1	108	20.14	19.94	19.88	21.50
		1	214	20.08	20.09	20.15	21.50
	DFT-s-OFDM QPSK	108	0	20.14	19.80	20.01	21.50
		108	54	19.85	19.80	19.94	21.50
		108	108	19.87	20.19	20.05	21.50
	DFT-s-OFDM QPSK	216	0	20.12	20.14	19.94	21.50
	DFT-s-OFDM 16QAM	1	1	19.99	20.01	19.91	21.50
	DFT-s-OFDM 64QAM	1	1	19.94	20.17	20.19	21.50
DFT-s-OFDM 256QAM	1	1	18.69	18.49	18.40	20.00	
CP-OFDM QPSK	1	1	19.96	19.94	20.05	21.50	
CP-OFDM 16QAM	1	1	20.07	19.89	20.11	21.50	
CP-OFDM 64QAM	1	1	19.56	19.34	19.52	21.00	
CP-OFDM 256QAM	1	1	16.40	16.53	16.37	18.00	

8.5.6 NR Band66 Output Power(ENDC)

N66-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.04	21.71	21.57	23.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.17	21.59	21.90	23.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.33	21.38	21.62	23.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.09	21.51	21.80	23.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	21.98	21.56	21.58	23.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	22.25	22.16	21.89	23.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	22.16	22.09	22.03	23.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	22.19	22.20	21.89	23.00
		1	108	22.05	21.78	22.01	23.00
		1	214	21.59	21.92	21.65	23.00
	DFT-s-OFDM BPSK	108	0	21.56	21.73	21.68	23.00
		108	54	22.18	22.12	22.06	23.00
		108	108	21.56	21.70	21.79	23.00
	DFT-s-OFDM BPSK	216	0	21.96	21.78	21.61	22.00
	DFT-s-OFDM QPSK	1	1	22.17	21.56	21.75	23.00
		1	108	21.94	21.94	22.06	23.00
		1	214	21.51	22.05	21.62	23.00
	DFT-s-OFDM QPSK	108	0	21.75	21.81	21.53	23.00
		108	54	22.08	21.87	22.09	23.00
		108	108	21.76	21.89	21.84	23.00
	DFT-s-OFDM QPSK	216	0	21.81	21.60	21.73	22.00
	DFT-s-OFDM 16QAM	1	1	20.48	20.58	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	18.90	18.78	18.75	20.50
DFT-s-OFDM 256QAM	1	1	17.58	17.38	17.55	18.50	
CP-OFDM QPSK	1	1	19.73	19.86	19.77	21.50	
CP-OFDM 16QAM	1	1	19.09	19.25	19.07	21.00	
CP-OFDM 64QAM	1	1	18.43	18.56	18.49	19.50	
CP-OFDM 256QAM	1	1	15.70	15.67	15.71	16.50	

N66-ANT5 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		342500	349000	355500	Tune-up power(dB)
		RB Size	RB offset	1712.5	1745	1777.5	
5	DFT-s-OFDM QPSK	1	1	22.04	21.71	21.57	23.00
Bandwidth (MHz)	Modulation	Channel		343000	349000	355000	Tune-up power(dB)
		RB Size	RB offset	1715	1745	1775	
10	DFT-s-OFDM QPSK	1	1	22.17	21.59	21.90	23.00
Bandwidth (MHz)	Modulation	Channel		343500	349000	354500	Tune-up power(dB)
		RB Size	RB offset	1717.5	1745	1772.5	
15	DFT-s-OFDM QPSK	1	1	22.33	21.38	21.62	23.00
Bandwidth (MHz)	Modulation	Channel		344000	349000	354000	Tune-up power(dB)
		RB Size	RB offset	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	22.09	21.51	21.80	23.00
Bandwidth (MHz)	Modulation	Channel		344500	349000	353500	Tune-up power(dB)
		RB Size	RB offset	1722.5	1745	1767.5	
25	DFT-s-OFDM QPSK	1	1	21.98	21.56	21.58	23.00
Bandwidth (MHz)	Modulation	Channel		345000	349000	353000	Tune-up power(dB)
		RB Size	RB offset	1725	1745	1765	
30	DFT-s-OFDM QPSK	1	1	22.25	22.16	21.89	23.00
Bandwidth (MHz)	Modulation	Channel		345500	349000	352500	Tune-up power(dB)
		RB Size	RB offset	1727.5	1745	1762.5	
35	DFT-s-OFDM QPSK	1	1	22.16	22.09	22.03	23.00
Bandwidth (MHz)	Modulation	Channel		346000	349000	352000	Tune-up power(dB)
		RB Size	RB offset	1730	1745	1760	
40	DFT-s-OFDM BPSK	1	1	22.19	22.20	21.89	23.00
		1	108	22.05	21.78	22.01	23.00
		1	214	21.59	21.92	21.65	23.00
	DFT-s-OFDM BPSK	108	0	21.56	21.73	21.68	23.00
		108	54	22.18	22.12	22.06	23.00
		108	108	21.56	21.70	21.79	23.00
	DFT-s-OFDM BPSK	216	0	21.96	21.78	21.61	22.00
	DFT-s-OFDM QPSK	1	1	22.17	21.56	21.75	23.00
		1	108	21.94	21.94	22.06	23.00
		1	214	21.51	22.05	21.62	23.00
	DFT-s-OFDM QPSK	108	0	21.75	21.81	21.53	23.00
		108	54	22.08	21.87	22.09	23.00
		108	108	21.76	21.89	21.84	23.00
	DFT-s-OFDM QPSK	216	0	21.81	21.60	21.73	22.00
	DFT-s-OFDM 16QAM	1	1	20.48	20.58	20.52	22.00
	DFT-s-OFDM 64QAM	1	1	18.90	18.78	18.75	20.50
DFT-s-OFDM 256QAM	1	1	17.58	17.38	17.55	18.50	
CP-OFDM QPSK	1	1	19.73	19.86	19.77	21.50	
CP-OFDM 16QAM	1	1	19.09	19.25	19.07	21.00	
CP-OFDM 64QAM	1	1	18.43	18.56	18.49	19.50	
CP-OFDM 256QAM	1	1	15.70	15.67	15.71	16.50	

8.5.7 NR Band38 Output Power

N38-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.35	24.57	24.46	25.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.86	24.64	24.50	25.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.40	23.96	24.56	25.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	24.24	24.01	24.59	25.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.42	24.66	24.39	25.00
		1	53	24.32	24.58	24.51	25.00
		1	104	24.26	24.56	24.41	25.00
	DFT-s-OFDM BPSK	50	0	24.32	24.14	24.33	25.00
		50	28	24.71	24.58	24.39	25.00
		50	56	24.12	24.06	23.86	25.00
	DFT-s-OFDM BPSK	100	0	23.94	23.98	23.88	24.00
		1	1	24.33	24.13	24.52	25.00
	DFT-s-OFDM QPSK	1	53	24.20	24.55	24.61	25.00
		1	104	24.31	24.60	24.53	25.00
		50	0	24.22	24.09	24.32	25.00
	DFT-s-OFDM QPSK	50	28	24.71	24.16	24.51	25.00
		50	56	23.97	24.12	23.90	25.00
		100	0	23.80	23.81	23.83	24.00
	DFT-s-OFDM 16QAM	1	1	23.14	23.02	23.12	24.00
	DFT-s-OFDM 64QAM	1	1	21.31	21.44	21.59	22.50
DFT-s-OFDM 256QAM	1	1	19.83	19.98	20.00	20.50	
CP-OFDM QPSK	1	1	22.13	22.26	22.18	23.50	
CP-OFDM 16QAM	1	1	21.46	21.66	21.79	23.00	
CP-OFDM 64QAM	1	1	20.82	21.01	21.03	21.50	
CP-OFDM 256QAM	1	1	17.80	17.78	17.90	18.50	

N38-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	15.87	16.01	16.08	16.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	16.48	16.25	16.02	16.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	15.97	15.45	16.00	16.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	15.70	15.61	16.05	16.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	15.98	16.12	15.80	16.50
		1	53	15.93	16.04	15.99	16.50
		1	104	15.89	16.20	15.80	16.50
	DFT-s-OFDM BPSK	50	0	15.98	15.95	16.12	16.50
		50	28	15.94	16.04	16.11	16.50
		50	56	15.99	15.97	16.14	16.50
	DFT-s-OFDM BPSK	100	0	15.91	16.13	16.03	16.50
	DFT-s-OFDM QPSK	1	1	16.10	16.06	15.96	16.50
		1	53	15.98	15.96	16.02	16.50
		1	104	15.97	16.07	15.90	16.50
	DFT-s-OFDM QPSK	50	0	15.95	15.91	15.96	16.50
		50	28	16.09	15.98	15.90	16.50
		50	56	16.02	16.13	16.08	16.50
	DFT-s-OFDM QPSK	100	0	15.93	15.91	15.94	16.50
	DFT-s-OFDM 16QAM	1	1	16.07	16.06	15.96	16.50
	DFT-s-OFDM 64QAM	1	1	16.10	15.99	16.00	16.50
	DFT-s-OFDM 256QAM	1	1	16.13	16.00	16.09	16.50
CP-OFDM QPSK	1	1	16.01	15.99	15.95	16.50	
CP-OFDM 16QAM	1	1	15.90	16.02	16.01	16.50	
CP-OFDM 64QAM	1	1	15.88	16.00	15.92	16.50	
CP-OFDM 256QAM	1	1	15.99	16.02	16.06	16.50	

N38-ANT2 DS12&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	24.35	24.57	24.46	25.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	24.86	24.64	24.50	25.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	24.40	23.96	24.56	25.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	24.24	24.01	24.59	25.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	24.42	24.66	24.39	25.00
		1	53	24.32	24.58	24.51	25.00
		1	104	24.26	24.56	24.41	25.00
	DFT-s-OFDM BPSK	50	0	24.32	24.14	24.33	25.00
		50	28	24.71	24.58	24.39	25.00
		50	56	24.12	24.06	23.86	25.00
	DFT-s-OFDM BPSK	100	0	23.94	23.98	23.88	24.00
	DFT-s-OFDM QPSK	1	1	24.33	24.13	24.52	25.00
		1	53	24.20	24.55	24.61	25.00
		1	104	24.31	24.60	24.53	25.00
	DFT-s-OFDM QPSK	50	0	24.22	24.09	24.32	25.00
		50	28	24.71	24.16	24.51	25.00
		50	56	23.97	24.12	23.90	25.00
	DFT-s-OFDM QPSK	100	0	23.80	23.81	23.83	24.00
	DFT-s-OFDM 16QAM	1	1	23.14	23.02	23.12	24.00
	DFT-s-OFDM 64QAM	1	1	21.31	21.44	21.59	22.50
	DFT-s-OFDM 256QAM	1	1	19.83	19.98	20.00	20.50
CP-OFDM QPSK	1	1	22.13	22.26	22.18	23.50	
CP-OFDM 16QAM	1	1	21.46	21.66	21.79	23.00	
CP-OFDM 64QAM	1	1	20.82	21.01	21.03	21.50	
CP-OFDM 256QAM	1	1	17.80	17.78	17.90	18.50	

N38-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.91	20.09	20.03	20.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	20.25	20.06	19.98	20.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.92	19.49	20.20	20.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.63	19.62	20.01	20.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.84	20.13	19.95	20.50
		1	53	19.94	20.13	19.90	20.50
		1	104	19.85	20.15	19.90	20.50
	DFT-s-OFDM BPSK	50	0	20.01	20.03	19.83	20.50
		50	28	20.03	19.90	20.03	20.50
		50	56	19.87	19.81	19.78	20.50
	DFT-s-OFDM BPSK	100	0	19.83	19.93	20.01	20.50
	DFT-s-OFDM QPSK	1	1	19.79	19.90	19.95	20.50
		1	53	19.82	19.89	19.95	20.50
		1	104	20.03	19.93	19.84	20.50
	DFT-s-OFDM QPSK	50	0	19.92	19.90	20.04	20.50
		50	28	19.93	19.79	19.86	20.50
		50	56	19.87	19.85	19.87	20.50
	DFT-s-OFDM QPSK	100	0	19.96	19.78	20.04	20.50
	DFT-s-OFDM 16QAM	1	1	19.92	19.80	19.96	20.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.90	19.91	20.50
	DFT-s-OFDM 256QAM	1	1	19.87	19.82	19.96	20.50
CP-OFDM QPSK	1	1	19.80	19.86	19.78	20.50	
CP-OFDM 16QAM	1	1	19.80	20.03	19.88	20.50	
CP-OFDM 64QAM	1	1	20.01	19.91	20.02	20.50	
CP-OFDM 256QAM	1	1	17.94	17.76	17.86	18.50	

8.5.7 NR Band38 Output Power

N38-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.71	22.97	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	22.76	22.88	22.84	24.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.58	24.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.58	24.50
		1	53	22.83	22.83	22.67	24.50
		1	104	22.90	22.76	22.70	24.50
	DFT-s-OFDM BPSK	50	0	22.59	22.60	22.64	24.50
		50	28	22.68	22.79	22.91	24.50
		50	56	22.89	22.84	22.97	24.50
	DFT-s-OFDM BPSK	100	0	22.86	22.67	22.87	23.50
	DFT-s-OFDM QPSK	1	1	22.62	22.63	22.65	24.50
		1	53	22.73	22.99	22.79	24.50
		1	104	22.97	22.75	22.65	24.50
	DFT-s-OFDM QPSK	50	0	22.52	22.60	22.57	24.50
		50	28	22.71	22.56	23.07	24.50
		50	56	23.05	22.83	23.17	24.50
	DFT-s-OFDM QPSK	100	0	22.93	22.79	22.83	23.50
	DFT-s-OFDM 16QAM	1	1	21.69	21.64	21.53	23.50
	DFT-s-OFDM 64QAM	1	1	20.22	20.31	20.18	22.00
DFT-s-OFDM 256QAM	1	1	18.63	18.76	18.58	20.00	
CP-OFDM QPSK	1	1	21.06	21.18	21.02	23.00	
CP-OFDM 16QAM	1	1	20.77	20.61	20.81	22.50	
CP-OFDM 64QAM	1	1	19.55	19.67	19.72	21.00	
CP-OFDM 256QAM	1	1	17.29	17.16	17.23	18.00	

N38-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.71	22.97	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	22.76	22.88	22.84	24.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.58	24.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.58	24.50
		1	53	22.83	22.83	22.67	24.50
		1	104	22.90	22.76	22.70	24.50
	DFT-s-OFDM BPSK	50	0	22.59	22.60	22.64	24.50
		50	28	22.68	22.79	22.91	24.50
		50	56	22.89	22.84	22.97	24.50
	DFT-s-OFDM BPSK	100	0	22.86	22.67	22.87	23.50
	DFT-s-OFDM QPSK	1	1	22.62	22.63	22.65	24.50
		1	53	22.73	22.99	22.79	24.50
		1	104	22.97	22.75	22.65	24.50
	DFT-s-OFDM QPSK	50	0	22.52	22.60	22.57	24.50
		50	28	22.71	22.56	23.07	24.50
		50	56	23.05	22.83	23.17	24.50
	DFT-s-OFDM QPSK	100	0	22.93	22.79	22.83	23.50
	DFT-s-OFDM 16QAM	1	1	21.69	21.64	21.53	23.50
	DFT-s-OFDM 64QAM	1	1	20.22	20.31	20.18	22.00
DFT-s-OFDM 256QAM	1	1	18.63	18.76	18.58	20.00	
CP-OFDM QPSK	1	1	21.06	21.18	21.02	23.00	
CP-OFDM 16QAM	1	1	20.77	20.61	20.81	22.50	
CP-OFDM 64QAM	1	1	19.55	19.67	19.72	21.00	
CP-OFDM 256QAM	1	1	17.29	17.16	17.23	18.00	

N38-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	20.82	20.96	20.75	22.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	20.78	20.97	20.74	22.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	20.61	20.62	20.82	22.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	20.80	20.73	20.67	22.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	20.85	20.52	20.58	22.50
		1	53	20.71	20.87	20.60	22.50
		1	104	21.03	20.86	20.74	22.50
	DFT-s-OFDM BPSK	50	0	20.52	20.70	20.59	22.50
		50	28	20.60	20.92	21.02	22.50
		50	56	20.89	20.92	20.87	22.50
	DFT-s-OFDM BPSK	100	0	20.77	20.73	20.92	22.50
	DFT-s-OFDM QPSK	1	1	20.62	20.77	20.57	22.50
		1	53	20.80	21.12	20.70	22.50
		1	104	20.97	20.72	20.71	22.50
	DFT-s-OFDM QPSK	50	0	20.59	20.56	20.59	22.50
		50	28	20.84	20.52	21.05	22.50
		50	56	20.96	20.81	21.13	22.50
	DFT-s-OFDM QPSK	100	0	20.86	20.77	20.75	22.50
	DFT-s-OFDM 16QAM	1	1	20.59	20.64	20.63	22.50
	DFT-s-OFDM 64QAM	1	1	20.22	20.31	20.14	22.00
DFT-s-OFDM 256QAM	1	1	18.58	18.55	18.65	20.00	
CP-OFDM QPSK	1	1	20.51	20.70	20.58	22.50	
CP-OFDM 16QAM	1	1	20.50	20.74	20.71	22.50	
CP-OFDM 64QAM	1	1	19.96	20.01	20.04	21.00	
CP-OFDM 256QAM	1	1	17.27	17.24	17.30	18.00	

8.5.7 NR Band38 Output Power

N38-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.59	22.55	22.41	24.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	22.53	22.62	22.79	24.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.92	22.46	22.68	24.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	22.74	22.36	22.60	24.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.46	24.00
		1	53	22.56	22.71	22.60	24.00
		1	104	22.84	22.90	22.70	24.00
	DFT-s-OFDM BPSK	50	0	22.35	22.43	22.44	24.00
		50	28	22.61	22.75	22.83	24.00
		50	56	22.52	22.71	22.76	24.00
	DFT-s-OFDM BPSK	100	0	22.19	22.38	22.57	23.00
	DFT-s-OFDM QPSK	1	1	22.94	22.34	22.56	24.00
		1	53	22.64	22.02	22.79	24.00
		1	104	22.92	22.67	22.81	24.00
	DFT-s-OFDM QPSK	50	0	22.51	22.62	22.39	24.00
		50	28	22.45	22.43	22.92	24.00
		50	56	22.50	22.82	22.64	24.00
	DFT-s-OFDM QPSK	100	0	22.34	22.54	22.70	23.00
	DFT-s-OFDM 16QAM	1	1	21.73	21.64	21.79	23.00
	DFT-s-OFDM 64QAM	1	1	19.98	20.12	20.21	21.50
DFT-s-OFDM 256QAM	1	1	18.43	18.34	18.17	19.50	
CP-OFDM QPSK	1	1	20.85	20.74	20.76	22.50	
CP-OFDM 16QAM	1	1	20.03	20.19	20.04	22.00	
CP-OFDM 64QAM	1	1	19.49	19.34	19.27	20.50	
CP-OFDM 256QAM	1	1	17.12	17.08	17.10	17.50	

N38-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	15.68	15.61	15.33	17.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	15.54	15.60	15.71	17.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	15.95	15.53	15.62	17.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	15.62	15.46	15.72	17.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	15.72	15.75	15.42	17.00
		1	53	15.63	15.69	15.49	17.00
		1	104	15.84	15.90	15.59	17.00
	DFT-s-OFDM BPSK	50	0	15.23	15.48	15.36	17.00
		50	28	15.73	15.87	15.89	17.00
		50	56	15.46	15.62	15.84	17.00
	DFT-s-OFDM BPSK	100	0	15.21	15.32	15.65	17.00
	DFT-s-OFDM QPSK	1	1	16.02	15.40	15.53	17.00
		1	53	15.69	15.13	15.85	17.00
		1	104	16.02	15.77	15.88	17.00
	DFT-s-OFDM QPSK	50	0	15.64	15.63	15.33	17.00
		50	28	15.54	15.37	16.00	17.00
		50	56	15.54	15.79	15.68	17.00
	DFT-s-OFDM QPSK	100	0	15.32	15.49	15.60	17.00
	DFT-s-OFDM 16QAM	1	1	15.76	15.73	15.85	17.00
	DFT-s-OFDM 64QAM	1	1	15.46	15.53	15.40	17.00
DFT-s-OFDM 256QAM	1	1	15.60	15.42	15.54	17.00	
CP-OFDM QPSK	1	1	15.44	15.52	15.49	17.00	
CP-OFDM 16QAM	1	1	15.47	15.63	15.60	17.00	
CP-OFDM 64QAM	1	1	15.55	15.58	15.50	17.00	
CP-OFDM 256QAM	1	1	15.44	15.42	15.50	17.00	

N38-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	18.11	18.16	17.89	19.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	18.09	18.23	18.39	19.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.54	18.09	18.31	19.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	18.33	17.95	18.00	19.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.38	18.27	17.95	19.50
		1	53	18.12	18.29	18.10	19.50
		1	104	18.45	18.28	18.18	19.50
	DFT-s-OFDM BPSK	50	0	17.93	17.88	17.83	19.50
		50	28	18.24	18.22	18.46	19.50
		50	56	18.03	18.35	18.40	19.50
	DFT-s-OFDM BPSK	100	0	17.78	17.77	18.21	19.50
	DFT-s-OFDM QPSK	1	1	18.39	17.98	17.95	19.50
		1	53	18.08	17.59	18.38	19.50
		1	104	18.56	18.05	18.34	19.50
	DFT-s-OFDM QPSK	50	0	18.02	18.26	17.87	19.50
		50	28	17.94	18.07	18.33	19.50
		50	56	18.07	18.44	18.25	19.50
	DFT-s-OFDM QPSK	100	0	18.08	18.12	17.92	19.50
	DFT-s-OFDM 16QAM	1	1	17.96	18.06	18.10	19.50
	DFT-s-OFDM 64QAM	1	1	17.97	18.10	17.89	19.50
DFT-s-OFDM 256QAM	1	1	17.96	18.08	18.00	19.50	
CP-OFDM QPSK	1	1	18.10	18.11	17.96	19.50	
CP-OFDM 16QAM	1	1	18.07	17.93	18.05	19.50	
CP-OFDM 64QAM	1	1	18.11	17.96	18.02	19.50	
CP-OFDM 256QAM	1	1	17.22	17.02	17.10	17.50	

8.5.7 NR Band38 Output Power

N38-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.62	19.36	20.06	21.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.48	19.65	19.39	21.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.80	19.56	19.79	21.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.81	19.50	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.78	19.67	19.85	21.00
		1	53	19.66	19.39	19.93	21.00
		1	104	19.85	19.87	19.98	21.00
	DFT-s-OFDM BPSK	50	0	19.27	19.25	19.09	21.00
		50	28	19.51	19.65	19.45	21.00
		50	56	19.88	19.72	19.52	21.00
	DFT-s-OFDM BPSK	100	0	19.30	19.26	19.30	20.00
	DFT-s-OFDM QPSK	1	1	19.96	19.96	19.75	21.00
		1	53	19.72	19.43	20.09	21.00
		1	104	20.03	19.95	19.80	21.00
	DFT-s-OFDM QPSK	50	0	19.11	19.29	19.35	21.00
		50	28	19.47	19.12	19.62	21.00
		50	56	19.91	19.92	19.63	21.00
	DFT-s-OFDM QPSK	100	0	19.17	19.40	19.37	20.00
	DFT-s-OFDM 16QAM	1	1	18.35	18.02	18.00	20.00
	DFT-s-OFDM 64QAM	1	1	17.02	16.89	16.88	18.50
DFT-s-OFDM 256QAM	1	1	15.86	15.75	15.74	16.50	
CP-OFDM QPSK	1	1	17.96	17.81	17.78	19.50	
CP-OFDM 16QAM	1	1	17.16	17.12	17.17	19.00	
CP-OFDM 64QAM	1	1	16.87	16.89	16.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.60	13.45	14.50	

N38-ANT5 DS11&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.62	19.36	20.06	21.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.48	19.65	19.39	21.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.80	19.56	19.79	21.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.81	19.50	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.78	19.67	19.85	21.00
		1	53	19.66	19.39	19.93	21.00
		1	104	19.85	19.87	19.98	21.00
	DFT-s-OFDM BPSK	50	0	19.27	19.25	19.09	21.00
		50	28	19.51	19.65	19.45	21.00
		50	56	19.88	19.72	19.52	21.00
	DFT-s-OFDM BPSK	100	0	19.30	19.26	19.30	20.00
	DFT-s-OFDM QPSK	1	1	19.96	19.96	19.75	21.00
		1	53	19.72	19.43	20.09	21.00
		1	104	20.03	19.95	19.80	21.00
	DFT-s-OFDM QPSK	50	0	19.11	19.29	19.35	21.00
		50	28	19.47	19.12	19.62	21.00
		50	56	19.91	19.92	19.63	21.00
	DFT-s-OFDM QPSK	100	0	19.17	19.40	19.37	20.00
	DFT-s-OFDM 16QAM	1	1	18.35	18.02	18.00	20.00
	DFT-s-OFDM 64QAM	1	1	17.02	16.89	16.88	18.50
DFT-s-OFDM 256QAM	1	1	15.86	15.75	15.74	16.50	
CP-OFDM QPSK	1	1	17.96	17.81	17.78	19.50	
CP-OFDM 16QAM	1	1	17.16	17.12	17.17	19.00	
CP-OFDM 64QAM	1	1	16.87	16.89	16.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.60	13.45	14.50	

8.5.7 NR Band38 Output Power(ENDC)

N38-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)	
		RB Size	RB offset	2575	2595	2615		
10	DFT-s-OFDM QPSK	1	1	24.35	24.57	24.46	25.00	
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)	
		RB Size	RB offset	2577.5	2595	2612.5		
15	DFT-s-OFDM QPSK	1	1	24.86	24.64	24.50	25.00	
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)	
		RB Size	RB offset	2580	2595	2610		
20	DFT-s-OFDM QPSK	1	1	24.40	23.96	24.56	25.00	
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)	
		RB Size	RB offset	2585	2595	2605		
30	DFT-s-OFDM QPSK	1	1	24.24	24.01	24.59	25.00	
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)	
		RB Size	RB offset	2590	2595	2600		
40	DFT-s-OFDM BPSK	1	1	24.42	24.66	24.39	25.00	
		1	53	24.32	24.58	24.51	25.00	
		1	104	24.26	24.56	24.41	25.00	
	DFT-s-OFDM BPSK	50	0	24.32	24.14	24.33	25.00	
		50	28	24.71	24.58	24.39	25.00	
		50	56	24.12	24.06	23.86	25.00	
	DFT-s-OFDM BPSK	100	0	23.94	23.98	23.88	24.00	
		DFT-s-OFDM QPSK	1	1	24.33	24.13	24.52	25.00
			1	53	24.20	24.55	24.61	25.00
	1		104	24.31	24.60	24.53	25.00	
	DFT-s-OFDM QPSK	50	0	24.22	24.09	24.32	25.00	
		50	28	24.71	24.16	24.51	25.00	
		50	56	23.97	24.12	23.90	25.00	
	DFT-s-OFDM QPSK	100	0	23.80	23.81	23.83	24.00	
	DFT-s-OFDM 16QAM	1	1	23.14	23.02	23.12	24.00	
	DFT-s-OFDM 64QAM	1	1	21.31	21.44	21.59	22.50	
	DFT-s-OFDM 256QAM	1	1	19.83	19.98	20.00	20.50	
	CP-OFDM QPSK	1	1	22.13	22.26	22.18	23.50	
CP-OFDM 16QAM	1	1	21.46	21.66	21.79	23.00		
CP-OFDM 64QAM	1	1	20.82	21.01	21.03	21.50		
CP-OFDM 256QAM	1	1	17.80	17.78	17.90	18.50		

N38-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	14.37	14.51	14.58	15.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	14.98	14.75	14.52	15.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	14.47	13.95	14.50	15.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	14.20	14.11	14.55	15.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	14.48	14.62	14.30	15.00
		1	53	14.43	14.54	14.49	15.00
		1	104	14.39	14.70	14.30	15.00
	DFT-s-OFDM BPSK	50	0	14.48	14.45	14.62	15.00
		50	28	14.44	14.54	14.61	15.00
		50	56	14.49	14.47	14.64	15.00
	DFT-s-OFDM BPSK	100	0	14.41	14.63	14.53	15.00
	DFT-s-OFDM QPSK	1	1	14.60	14.56	14.46	15.00
		1	53	14.48	14.46	14.52	15.00
		1	104	14.47	14.57	14.40	15.00
	DFT-s-OFDM QPSK	50	0	14.45	14.41	14.46	15.00
		50	28	14.59	14.48	14.40	15.00
		50	56	14.52	14.63	14.58	15.00
	DFT-s-OFDM QPSK	100	0	14.43	14.41	14.44	15.00
	DFT-s-OFDM 16QAM	1	1	14.57	14.56	14.46	15.00
	DFT-s-OFDM 64QAM	1	1	14.60	14.49	14.50	15.00
	DFT-s-OFDM 256QAM	1	1	14.63	14.50	14.59	15.00
	CP-OFDM QPSK	1	1	14.51	14.49	14.45	15.00
CP-OFDM 16QAM	1	1	14.40	14.52	14.51	15.00	
CP-OFDM 64QAM	1	1	14.38	14.50	14.42	15.00	
CP-OFDM 256QAM	1	1	14.49	14.52	14.56	15.00	

N38-ANT2 DSI2&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.14	22.08	22.29	23.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	22.39	22.27	22.06	23.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.08	22.31	22.35	23.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	22.06	22.21	22.12	23.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	22.30	22.30	22.13	23.00
		1	53	22.03	22.11	22.31	23.00
		1	104	22.00	22.26	22.21	23.00
	DFT-s-OFDM BPSK	50	0	22.31	22.06	22.21	23.00
		50	28	22.28	22.10	22.03	23.00
		50	56	22.32	22.34	22.04	23.00
	DFT-s-OFDM BPSK	100	0	22.06	22.32	22.19	23.00
	DFT-s-OFDM QPSK	1	1	22.34	22.14	22.02	23.00
		1	53	22.02	22.02	22.04	23.00
		1	104	22.17	22.34	22.30	23.00
	DFT-s-OFDM QPSK	50	0	22.03	22.10	22.00	23.00
		50	28	22.13	22.32	22.31	23.00
		50	56	22.22	22.29	22.33	23.00
	DFT-s-OFDM QPSK	100	0	22.34	22.27	22.30	23.00
	DFT-s-OFDM 16QAM	1	1	22.30	22.15	22.25	23.00
	DFT-s-OFDM 64QAM	1	1	21.59	21.61	21.68	22.50
	DFT-s-OFDM 256QAM	1	1	19.68	19.52	19.85	20.50
	CP-OFDM QPSK	1	1	22.08	22.23	22.13	23.00
CP-OFDM 16QAM	1	1	22.00	22.10	22.20	23.00	
CP-OFDM 64QAM	1	1	20.52	20.58	20.66	21.50	
CP-OFDM 256QAM	1	1	17.63	17.78	17.76	18.50	

N38-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)	
		RB Size	RB offset	2575	2595	2615		
10	DFT-s-OFDM QPSK	1	1	16.18	16.26	16.22	17.00	
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)	
		RB Size	RB offset	2577.5	2595	2612.5		
15	DFT-s-OFDM QPSK	1	1	16.38	16.12	16.31	17.00	
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)	
		RB Size	RB offset	2580	2595	2610		
20	DFT-s-OFDM QPSK	1	1	16.39	16.27	16.24	17.00	
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)	
		RB Size	RB offset	2585	2595	2605		
30	DFT-s-OFDM QPSK	1	1	16.11	16.14	16.35	17.00	
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)	
		RB Size	RB offset	2590	2595	2600		
40	DFT-s-OFDM BPSK	1	1	16.22	16.06	16.32	17.00	
		1	53	16.36	16.10	16.06	17.00	
		1	104	16.32	16.37	16.17	17.00	
	DFT-s-OFDM BPSK	50	0	16.22	16.23	16.09	17.00	
		50	28	16.35	16.01	16.16	17.00	
		50	56	16.02	16.02	16.38	17.00	
	DFT-s-OFDM BPSK	100	0	16.35	16.36	16.28	17.00	
		DFT-s-OFDM QPSK	1	1	16.11	16.19	16.23	17.00
			1	53	16.02	16.10	16.06	17.00
	1		104	16.34	16.10	16.07	17.00	
	DFT-s-OFDM QPSK	50	0	16.06	16.00	16.30	17.00	
		50	28	16.35	16.27	16.37	17.00	
		50	56	16.13	16.18	16.26	17.00	
	DFT-s-OFDM QPSK	100	0	16.06	16.22	16.38	17.00	
	DFT-s-OFDM 16QAM	1	1	16.40	16.39	16.02	17.00	
	DFT-s-OFDM 64QAM	1	1	16.21	16.14	16.17	17.00	
	DFT-s-OFDM 256QAM	1	1	16.23	16.08	16.09	17.00	
CP-OFDM QPSK	1	1	16.15	16.34	16.37	17.00		
CP-OFDM 16QAM	1	1	16.15	16.37	16.08	17.00		
CP-OFDM 64QAM	1	1	16.20	16.36	16.23	17.00		
CP-OFDM 256QAM	1	1	16.32	16.36	16.30	17.00		

8.5.7 NR Band38 Output Power(ENDC)

N38-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)	
		RB Size	RB offset	2575	2595	2615		
10	DFT-s-OFDM QPSK	1	1	22.71	22.97	22.69	24.50	
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)	
		RB Size	RB offset	2577.5	2595	2612.5		
15	DFT-s-OFDM QPSK	1	1	22.76	22.88	22.84	24.50	
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)	
		RB Size	RB offset	2580	2595	2610		
20	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.69	24.50	
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)	
		RB Size	RB offset	2585	2595	2605		
30	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.58	24.50	
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)	
		RB Size	RB offset	2590	2595	2600		
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.58	24.50	
		1	53	22.83	22.83	22.67	24.50	
		1	104	22.90	22.76	22.70	24.50	
	DFT-s-OFDM BPSK	50	0	22.59	22.60	22.64	24.50	
		50	28	22.68	22.79	22.91	24.50	
		50	56	22.89	22.84	22.97	24.50	
	DFT-s-OFDM BPSK	100	0	22.86	22.67	22.87	23.50	
		DFT-s-OFDM QPSK	1	1	22.62	22.63	22.65	24.50
			1	53	22.73	22.99	22.79	24.50
	1		104	22.97	22.75	22.65	24.50	
	DFT-s-OFDM QPSK	50	0	22.52	22.60	22.57	24.50	
		50	28	22.71	22.56	23.07	24.50	
		50	56	23.05	22.83	23.17	24.50	
	DFT-s-OFDM QPSK	100	0	22.93	22.79	22.83	23.50	
	DFT-s-OFDM 16QAM	1	1	21.69	21.64	21.53	23.50	
	DFT-s-OFDM 64QAM	1	1	20.22	20.31	20.18	22.00	
	DFT-s-OFDM 256QAM	1	1	18.63	18.76	18.58	20.00	
	CP-OFDM QPSK	1	1	21.06	21.18	21.02	23.00	
CP-OFDM 16QAM	1	1	20.77	20.61	20.81	22.50		
CP-OFDM 64QAM	1	1	19.55	19.67	19.72	21.00		
CP-OFDM 256QAM	1	1	17.29	17.16	17.23	18.00		

N38-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	22.71	22.97	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	22.76	22.88	22.84	24.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	22.71	22.65	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	22.68	22.63	22.58	24.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.58	24.50
		1	53	22.83	22.83	22.67	24.50
		1	104	22.90	22.76	22.70	24.50
	DFT-s-OFDM BPSK	50	0	22.59	22.60	22.64	24.50
		50	28	22.68	22.79	22.91	24.50
		50	56	22.89	22.84	22.97	24.50
	DFT-s-OFDM BPSK	100	0	22.86	22.67	22.87	23.50
	DFT-s-OFDM QPSK	1	1	22.62	22.63	22.65	24.50
		1	53	22.73	22.99	22.79	24.50
		1	104	22.97	22.75	22.65	24.50
	DFT-s-OFDM QPSK	50	0	22.52	22.60	22.57	24.50
		50	28	22.71	22.56	23.07	24.50
		50	56	23.05	22.83	23.17	24.50
	DFT-s-OFDM QPSK	100	0	22.93	22.79	22.83	23.50
	DFT-s-OFDM 16QAM	1	1	21.69	21.64	21.53	23.50
	DFT-s-OFDM 64QAM	1	1	20.22	20.31	20.18	22.00
	DFT-s-OFDM 256QAM	1	1	18.63	18.76	18.58	20.00
	CP-OFDM QPSK	1	1	21.06	21.18	21.02	23.00
CP-OFDM 16QAM	1	1	20.77	20.61	20.81	22.50	
CP-OFDM 64QAM	1	1	19.55	19.67	19.72	21.00	
CP-OFDM 256QAM	1	1	17.29	17.16	17.23	18.00	

N38-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	17.70	17.72	17.85	19.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	17.71	17.97	17.75	19.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	17.99	17.89	17.79	19.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	17.72	17.63	17.90	19.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	17.69	17.91	17.91	19.50
		1	53	17.95	17.96	17.75	19.50
		1	104	17.89	17.71	17.79	19.50
	DFT-s-OFDM BPSK	50	0	17.86	17.72	17.85	19.50
		50	28	17.61	17.76	17.67	19.50
		50	56	17.65	17.82	17.98	19.50
	DFT-s-OFDM BPSK	100	0	17.87	17.90	17.80	19.50
	DFT-s-OFDM QPSK	1	1	17.61	17.72	17.70	19.50
		1	53	17.65	17.74	17.88	19.50
		1	104	17.97	17.75	18.00	19.50
	DFT-s-OFDM QPSK	50	0	17.81	18.00	17.69	19.50
		50	28	17.74	17.95	17.76	19.50
		50	56	17.82	17.81	17.76	19.50
	DFT-s-OFDM QPSK	100	0	17.61	17.81	17.60	19.50
	DFT-s-OFDM 16QAM	1	1	17.73	17.73	17.83	19.50
	DFT-s-OFDM 64QAM	1	1	17.66	17.81	17.78	19.50
	DFT-s-OFDM 256QAM	1	1	17.82	17.85	17.91	19.50
	CP-OFDM QPSK	1	1	17.95	17.82	17.91	19.50
CP-OFDM 16QAM	1	1	17.78	17.79	17.71	19.50	
CP-OFDM 64QAM	1	1	17.81	17.60	17.65	19.50	
CP-OFDM 256QAM	1	1	16.69	16.70	16.82	18.00	

8.5.7 NR Band38 Output Power(ENDC)

N38-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)	
		RB Size	RB offset	2575	2595	2615		
10	DFT-s-OFDM QPSK	1	1	22.59	22.55	22.41	24.00	
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)	
		RB Size	RB offset	2577.5	2595	2612.5		
15	DFT-s-OFDM QPSK	1	1	22.53	22.62	22.79	24.00	
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)	
		RB Size	RB offset	2580	2595	2610		
20	DFT-s-OFDM QPSK	1	1	22.92	22.46	22.68	24.00	
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)	
		RB Size	RB offset	2585	2595	2605		
30	DFT-s-OFDM QPSK	1	1	22.74	22.36	22.60	24.00	
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)	
		RB Size	RB offset	2590	2595	2600		
40	DFT-s-OFDM BPSK	1	1	22.76	22.64	22.46	24.00	
		1	53	22.56	22.71	22.60	24.00	
		1	104	22.84	22.90	22.70	24.00	
	DFT-s-OFDM BPSK	50	0	22.35	22.43	22.44	24.00	
		50	28	22.61	22.75	22.83	24.00	
		50	56	22.52	22.71	22.76	24.00	
	DFT-s-OFDM BPSK	100	0	22.19	22.38	22.57	23.00	
		DFT-s-OFDM QPSK	1	1	22.94	22.34	22.56	24.00
			1	53	22.64	22.02	22.79	24.00
	1		104	22.92	22.67	22.81	24.00	
	DFT-s-OFDM QPSK	50	0	22.51	22.62	22.39	24.00	
		50	28	22.45	22.43	22.92	24.00	
		50	56	22.50	22.82	22.64	24.00	
	DFT-s-OFDM QPSK	100	0	22.34	22.54	22.70	23.00	
	DFT-s-OFDM 16QAM	1	1	21.73	21.64	21.79	23.00	
	DFT-s-OFDM 64QAM	1	1	19.98	20.12	20.21	21.50	
	DFT-s-OFDM 256QAM	1	1	18.43	18.34	18.17	19.50	
	CP-OFDM QPSK	1	1	20.85	20.74	20.76	22.50	
CP-OFDM 16QAM	1	1	20.03	20.19	20.04	22.00		
CP-OFDM 64QAM	1	1	19.49	19.34	19.27	20.50		
CP-OFDM 256QAM	1	1	17.12	17.08	17.10	17.50		

N38-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)	
		RB Size	RB offset	2575	2595	2615		
10	DFT-s-OFDM QPSK	1	1	14.18	14.11	13.83	15.50	
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)	
		RB Size	RB offset	2577.5	2595	2612.5		
15	DFT-s-OFDM QPSK	1	1	14.04	14.10	14.21	15.50	
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)	
		RB Size	RB offset	2580	2595	2610		
20	DFT-s-OFDM QPSK	1	1	14.45	14.03	14.12	15.50	
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)	
		RB Size	RB offset	2585	2595	2605		
30	DFT-s-OFDM QPSK	1	1	14.12	13.96	14.22	15.50	
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)	
		RB Size	RB offset	2590	2595	2600		
40	DFT-s-OFDM BPSK	1	1	14.22	14.25	13.92	15.50	
		1	53	14.13	14.19	13.99	15.50	
		1	104	14.34	14.40	14.09	15.50	
	DFT-s-OFDM BPSK	50	0	13.73	13.98	13.86	15.50	
		50	28	14.23	14.37	14.39	15.50	
		50	56	13.96	14.12	14.34	15.50	
	DFT-s-OFDM BPSK	100	0	13.71	13.82	14.15	15.50	
		DFT-s-OFDM QPSK	1	1	14.52	13.90	14.03	15.50
			1	53	14.19	13.63	14.35	15.50
	1		104	14.52	14.27	14.38	15.50	
	DFT-s-OFDM QPSK	50	0	14.14	14.13	13.83	15.50	
		50	28	14.04	13.87	14.50	15.50	
		50	56	14.04	14.29	14.18	15.50	
	DFT-s-OFDM QPSK	100	0	13.82	13.99	14.10	15.50	
	DFT-s-OFDM 16QAM	1	1	14.26	14.23	14.35	15.50	
	DFT-s-OFDM 64QAM	1	1	13.96	14.03	13.90	15.50	
	DFT-s-OFDM 256QAM	1	1	14.10	13.92	14.04	15.50	
	CP-OFDM QPSK	1	1	13.94	14.02	13.99	15.50	
CP-OFDM 16QAM	1	1	13.97	14.13	14.10	15.50		
CP-OFDM 64QAM	1	1	14.05	14.08	14.00	15.50		
CP-OFDM 256QAM	1	1	13.94	13.92	14.00	15.50		

N38-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	18.11	18.16	17.89	19.50
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	18.09	18.23	18.39	19.50
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	18.54	18.09	18.31	19.50
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	18.33	17.95	18.00	19.50
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	18.38	18.27	17.95	19.50
		1	53	18.12	18.29	18.10	19.50
		1	104	18.45	18.28	18.18	19.50
	DFT-s-OFDM BPSK	50	0	17.93	17.88	17.83	19.50
		50	28	18.24	18.22	18.46	19.50
		50	56	18.03	18.35	18.40	19.50
	DFT-s-OFDM BPSK	100	0	17.78	17.77	18.21	19.50
	DFT-s-OFDM QPSK	1	1	18.39	17.98	17.95	19.50
		1	53	18.08	17.59	18.38	19.50
		1	104	18.56	18.05	18.34	19.50
	DFT-s-OFDM QPSK	50	0	18.02	18.26	17.87	19.50
		50	28	17.94	18.07	18.33	19.50
		50	56	18.07	18.44	18.25	19.50
	DFT-s-OFDM QPSK	100	0	18.08	18.12	17.92	19.50
	DFT-s-OFDM 16QAM	1	1	17.96	18.06	18.10	19.50
	DFT-s-OFDM 64QAM	1	1	17.97	18.10	17.89	19.50
	DFT-s-OFDM 256QAM	1	1	17.96	18.08	18.00	19.50
	CP-OFDM QPSK	1	1	18.10	18.11	17.96	19.50
CP-OFDM 16QAM	1	1	18.07	17.93	18.05	19.50	
CP-OFDM 64QAM	1	1	18.11	17.96	18.02	19.50	
CP-OFDM 256QAM	1	1	17.22	17.02	17.10	17.50	

8.5.7 NR Band38 Output Power(ENDC)

N38-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.62	19.36	20.06	21.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.48	19.65	19.39	21.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.80	19.56	19.79	21.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.81	19.50	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.78	19.67	19.85	21.00
		1	53	19.66	19.39	19.93	21.00
		1	104	19.85	19.87	19.98	21.00
	DFT-s-OFDM BPSK	50	0	19.27	19.25	19.09	21.00
		50	28	19.51	19.65	19.45	21.00
		50	56	19.88	19.72	19.52	21.00
	DFT-s-OFDM BPSK	100	0	19.30	19.26	19.30	20.00
		DFT-s-OFDM QPSK	1	1	19.96	19.96	19.75	21.00
	1		53	19.72	19.43	20.09	21.00
	1		104	20.03	19.95	19.80	21.00
	DFT-s-OFDM QPSK	50	0	19.11	19.29	19.35	21.00
		50	28	19.47	19.12	19.62	21.00
		50	56	19.91	19.92	19.63	21.00
	DFT-s-OFDM QPSK	100	0	19.17	19.40	19.37	20.00
	DFT-s-OFDM 16QAM	1	1	18.35	18.02	18.00	20.00
	DFT-s-OFDM 64QAM	1	1	17.02	16.89	16.88	18.50
DFT-s-OFDM 256QAM	1	1	15.86	15.75	15.74	16.50	
CP-OFDM QPSK	1	1	17.96	17.81	17.78	19.50	
CP-OFDM 16QAM	1	1	17.16	17.12	17.17	19.00	
CP-OFDM 64QAM	1	1	16.87	16.89	16.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.60	13.45	14.50	

N38-ANT5 DSI1&5

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	16.66	16.59	16.65	18.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	16.58	16.75	16.53	18.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	16.81	16.74	16.89	18.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	16.77	16.71	16.82	18.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	16.68	16.66	16.70	18.00
		1	53	16.57	16.61	16.77	18.00
		1	104	16.51	16.63	16.59	18.00
	DFT-s-OFDM BPSK	50	0	16.65	16.54	16.60	18.00
		50	28	16.76	16.76	16.62	18.00
		50	56	16.79	16.58	16.63	18.00
	DFT-s-OFDM BPSK	100	0	16.69	16.89	16.57	18.00
	DFT-s-OFDM QPSK	1	1	16.68	16.60	16.57	18.00
		1	53	16.54	16.58	16.80	18.00
		1	104	16.76	16.70	16.52	18.00
	DFT-s-OFDM QPSK	50	0	16.81	16.59	16.74	18.00
		50	28	16.88	16.87	16.68	18.00
		50	56	16.76	16.81	16.67	18.00
	DFT-s-OFDM QPSK	100	0	16.67	16.73	16.72	18.00
	DFT-s-OFDM 16QAM	1	1	16.88	16.88	16.52	18.00
	DFT-s-OFDM 64QAM	1	1	16.72	16.54	16.53	18.00
	DFT-s-OFDM 256QAM	1	1	15.13	15.17	15.09	16.50
CP-OFDM QPSK	1	1	16.80	16.55	16.78	18.00	
CP-OFDM 16QAM	1	1	16.67	16.86	16.87	18.00	
CP-OFDM 64QAM	1	1	16.07	16.21	16.14	17.50	
CP-OFDM 256QAM	1	1	13.25	13.24	13.28	14.50	

N38-ANT5 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		515000	519000	523000	Tune-up power(dB)
		RB Size	RB offset	2575	2595	2615	
10	DFT-s-OFDM QPSK	1	1	19.62	19.36	20.06	21.00
Bandwidth (MHz)	Modulation	Channel		515500	519000	522500	Tune-up power(dB)
		RB Size	RB offset	2577.5	2595	2612.5	
15	DFT-s-OFDM QPSK	1	1	19.48	19.65	19.39	21.00
Bandwidth (MHz)	Modulation	Channel		516000	519000	522000	Tune-up power(dB)
		RB Size	RB offset	2580	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.80	19.56	19.79	21.00
Bandwidth (MHz)	Modulation	Channel		517000	519000	521000	Tune-up power(dB)
		RB Size	RB offset	2585	2595	2605	
30	DFT-s-OFDM QPSK	1	1	19.81	19.50	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		518000	519000	520000	Tune-up power(dB)
		RB Size	RB offset	2590	2595	2600	
40	DFT-s-OFDM BPSK	1	1	19.78	19.67	19.85	21.00
		1	53	19.66	19.39	19.93	21.00
		1	104	19.85	19.87	19.98	21.00
	DFT-s-OFDM BPSK	50	0	19.27	19.25	19.09	21.00
		50	28	19.51	19.65	19.45	21.00
		50	56	19.88	19.72	19.52	21.00
	DFT-s-OFDM BPSK	100	0	19.30	19.26	19.30	20.00
		1	1	19.96	19.96	19.75	21.00
	DFT-s-OFDM QPSK	1	53	19.72	19.43	20.09	21.00
		1	104	20.03	19.95	19.80	21.00
		50	0	19.11	19.29	19.35	21.00
	DFT-s-OFDM QPSK	50	28	19.47	19.12	19.62	21.00
		50	56	19.91	19.92	19.63	21.00
		100	0	19.17	19.40	19.37	20.00
	DFT-s-OFDM 16QAM	1	1	18.35	18.02	18.00	20.00
	DFT-s-OFDM 64QAM	1	1	17.02	16.89	16.88	18.50
	DFT-s-OFDM 256QAM	1	1	15.86	15.75	15.74	16.50
CP-OFDM QPSK	1	1	17.96	17.81	17.78	19.50	
CP-OFDM 16QAM	1	1	17.16	17.12	17.17	19.00	
CP-OFDM 64QAM	1	1	16.87	16.89	16.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.60	13.45	14.50	

8.5.8 NR Band41 Output Power

N41-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	24.40	24.09	24.05	23.72	23.60	25.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	24.39	24.24	23.85	23.95	23.57	25.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	24.39	24.27	23.71	23.90	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	24.32	24.23	23.59	24.06	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.38	24.28	23.59	24.10	23.93	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.07	24.16	23.54	23.97	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.05	24.16	23.53	23.92	23.78	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.35	24.24	23.51	23.86	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.17	24.13	23.53	23.91	23.99	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	24.36	24.26	23.63	23.82	24.07	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	24.18	24.24	23.89	23.78	23.76	25.50
		1	137	23.98	23.58	24.25	24.23	24.21	25.50
		1	271	23.59	24.21	23.84	24.12	24.05	25.50
	DFT-s-OFDM BPSK	135	0	23.52	23.65	23.63	23.70	23.66	25.50
		135	69	23.91	24.03	23.92	23.93	23.75	25.50
		135	138	23.61	23.88	23.74	23.71	23.60	25.50
	DFT-s-OFDM BPSK	270	0	23.47	23.36	23.49	23.60	23.68	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.32	23.52	23.93	23.93	25.50
		1	137	23.92	23.55	24.38	24.24	24.09	25.50
		1	271	23.52	24.17	23.81	24.25	23.88	25.50
	DFT-s-OFDM QPSK	135	0	23.59	23.70	23.79	23.82	23.57	25.50
		135	69	23.91	24.10	23.65	23.81	23.95	25.50
		135	138	23.62	24.01	23.56	23.86	23.75	25.50
	DFT-s-OFDM QPSK	270	0	23.51	23.19	23.59	23.50	23.80	24.50
	DFT-s-OFDM 16QAM	1	1	22.52	22.55	22.62	22.66	22.63	24.50
	DFT-s-OFDM 64QAM	1	1	21.09	21.06	21.12	21.01	21.09	23.00
DFT-s-OFDM 256QAM	1	1	19.60	19.61	19.48	19.44	19.42	21.00	
CP-OFDM QPSK	1	1	22.05	22.12	22.06	22.19	22.09	24.00	
CP-OFDM 16QAM	1	1	21.51	21.56	21.56	21.74	21.69	23.50	
CP-OFDM 64QAM	1	1	20.44	20.76	20.56	20.43	20.69	22.00	
CP-OFDM 256QAM	1	1	17.34	17.43	17.38	17.32	17.21	19.00	

N41-ANT2 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	15.83	15.53	15.51	15.36	15.18	17.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	15.96	15.78	15.35	15.43	15.20	17.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	15.80	15.76	15.17	15.36	15.58	17.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	15.81	15.70	15.01	15.50	15.32	17.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	15.86	15.87	15.13	15.54	15.37	17.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	15.65	15.73	15.08	15.42	15.29	17.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	15.49	15.64	15.09	15.30	15.25	17.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	15.92	15.69	15.02	15.39	15.67	17.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	15.58	15.71	15.10	15.29	15.39	17.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	15.73	15.71	15.05	15.46	15.67	17.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.80	15.65	15.27	15.32	15.28	17.00
		1	137	15.63	15.15	15.69	15.76	15.81	17.00
		1	271	15.15	15.76	15.23	15.67	15.42	17.00
	DFT-s-OFDM BPSK	135	0	15.08	15.30	15.25	15.34	15.22	17.00
		135	69	15.40	15.40	15.46	15.53	15.25	17.00
		135	138	15.02	15.48	15.15	15.18	15.23	17.00
	DFT-s-OFDM BPSK	270	0	15.50	15.42	15.62	15.61	15.63	17.00
	DFT-s-OFDM QPSK	1	1	16.14	16.46	15.52	15.98	16.02	17.00
		1	137	15.90	15.65	16.36	16.19	16.08	17.00
		1	271	15.65	16.10	15.96	16.32	15.86	17.00
	DFT-s-OFDM QPSK	135	0	15.69	15.72	15.87	15.86	15.48	17.00
		135	69	15.84	16.04	15.63	15.95	15.87	17.00
		135	138	15.74	16.15	15.57	15.84	15.73	17.00
	DFT-s-OFDM QPSK	270	0	15.58	15.34	15.66	15.55	15.74	17.00
	DFT-s-OFDM 16QAM	1	1	15.46	15.54	15.65	15.66	15.72	17.00
	DFT-s-OFDM 64QAM	1	1	15.65	15.40	15.54	15.53	15.51	17.00
DFT-s-OFDM 256QAM	1	1	15.51	15.59	15.48	15.38	15.39	17.00	
CP-OFDM QPSK	1	1	15.49	15.55	15.37	15.47	15.60	17.00	
CP-OFDM 16QAM	1	1	15.47	15.58	15.62	15.37	15.58	17.00	
CP-OFDM 64QAM	1	1	15.61	15.63	15.37	15.49	15.51	17.00	
CP-OFDM 256QAM	1	1	15.63	15.64	15.50	15.50	15.62	17.00	

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Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	24.40	24.09	24.05	23.72	23.60	25.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	24.39	24.24	23.85	23.95	23.57	25.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	24.39	24.27	23.71	23.90	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	24.32	24.23	23.59	24.06	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.38	24.28	23.59	24.10	23.93	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.07	24.16	23.54	23.97	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.05	24.16	23.53	23.92	23.78	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.35	24.24	23.51	23.86	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.17	24.13	23.53	23.91	23.99	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	24.36	24.26	23.63	23.82	24.07	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	24.18	24.24	23.89	23.78	23.76	25.50
		1	137	23.98	23.58	24.25	24.23	24.21	25.50
		1	271	23.59	24.21	23.84	24.12	24.05	25.50
	DFT-s-OFDM BPSK	135	0	23.52	23.65	23.63	23.70	23.66	25.50
		135	69	23.91	24.03	23.92	23.93	23.75	25.50
		135	138	23.61	23.88	23.74	23.71	23.60	25.50
	DFT-s-OFDM BPSK	270	0	23.47	23.36	23.49	23.60	23.68	24.50
	DFT-s-OFDM QPSK	1	1	24.19	24.32	23.52	23.93	23.93	25.50
		1	137	23.92	23.55	24.38	24.24	24.09	25.50
		1	271	23.52	24.17	23.81	24.25	23.88	25.50
	DFT-s-OFDM QPSK	135	0	23.59	23.70	23.79	23.82	23.57	25.50
		135	69	23.91	24.10	23.65	23.81	23.95	25.50
		135	138	23.62	24.01	23.56	23.86	23.75	25.50
	DFT-s-OFDM QPSK	270	0	23.51	23.19	23.59	23.50	23.80	24.50
	DFT-s-OFDM 16QAM	1	1	22.52	22.55	22.62	22.66	22.63	24.50
	DFT-s-OFDM 64QAM	1	1	21.09	21.06	21.12	21.01	21.09	23.00
DFT-s-OFDM 256QAM	1	1	19.60	19.61	19.48	19.44	19.42	21.00	
CP-OFDM QPSK	1	1	22.05	22.12	22.06	22.19	22.09	24.00	
CP-OFDM 16QAM	1	1	21.51	21.56	21.56	21.74	21.69	23.50	
CP-OFDM 64QAM	1	1	20.44	20.76	20.56	20.43	20.69	22.00	
CP-OFDM 256QAM	1	1	17.34	17.43	17.38	17.32	17.21	19.00	

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Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	18.79	18.64	18.69	18.19	18.07	20.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	18.86	18.88	18.36	18.58	18.15	20.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.98	18.65	18.22	18.49	18.66	20.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.87	18.68	18.09	18.63	18.15	20.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.95	18.65	18.09	18.53	18.44	20.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.51	18.76	18.06	18.62	18.25	20.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.50	18.66	18.01	18.44	18.18	20.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.77	18.85	18.08	18.39	18.65	20.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.55	18.60	18.05	18.50	18.54	20.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.73	18.87	18.08	18.38	18.69	20.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.77	18.70	18.50	18.43	18.37	20.00
		1	137	18.61	18.20	18.82	18.65	18.59	20.00
		1	271	18.03	18.78	18.34	18.63	18.51	20.00
	DFT-s-OFDM BPSK	135	0	18.09	18.08	18.00	18.13	18.28	20.00
		135	69	18.42	18.50	18.44	18.46	18.29	20.00
		135	138	18.05	18.47	18.22	18.20	18.16	20.00
	DFT-s-OFDM BPSK	270	0	18.04	18.06	18.12	18.22	18.27	20.00
	DFT-s-OFDM QPSK	1	1	18.75	18.94	18.05	18.52	18.53	20.00
		1	137	18.33	18.05	18.81	18.82	18.59	20.00
		1	271	18.13	18.72	18.46	18.75	18.34	20.00
	DFT-s-OFDM QPSK	135	0	18.17	18.15	18.31	18.34	18.13	20.00
		135	69	18.49	18.63	18.07	18.19	18.41	20.00
		135	138	18.08	18.57	18.08	18.46	18.28	20.00
	DFT-s-OFDM QPSK	270	0	18.07	18.09	18.23	18.09	18.26	20.00
	DFT-s-OFDM 16QAM	1	1	18.66	18.42	18.54	18.74	18.78	20.00
	DFT-s-OFDM 64QAM	1	1	18.42	18.42	18.43	18.55	18.50	20.00
DFT-s-OFDM 256QAM	1	1	18.42	18.56	18.57	18.42	18.63	20.00	
CP-OFDM QPSK	1	1	18.48	18.48	18.53	18.40	18.42	20.00	
CP-OFDM 16QAM	1	1	18.57	18.61	18.39	18.48	18.45	20.00	
CP-OFDM 64QAM	1	1	18.63	18.61	18.63	18.62	18.52	20.00	
CP-OFDM 256QAM	1	1	17.38	17.57	17.49	17.39	17.16	19.00	

8.5.8 NR Band41 Output Power

N41-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	23.11	23.50	23.51	22.75	22.87	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	23.25	23.75	23.64	22.55	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.33	23.67	23.30	22.76	22.72	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.45	23.66	23.05	22.59	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.32	23.70	23.31	22.65	23.01	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.17	23.73	23.19	22.79	22.76	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.36	23.80	23.15	22.78	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.15	23.53	23.29	22.78	22.91	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.06	23.55	23.18	22.64	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.09	23.84	23.29	22.61	22.92	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.27	23.61	23.60	22.68	22.75	24.50
		1	137	23.12	22.63	22.89	23.68	23.42	24.50
		1	271	22.83	23.74	23.59	23.50	23.50	24.50
	DFT-s-OFDM BPSK	135	0	22.55	22.71	22.68	22.54	22.55	24.50
		135	69	22.81	23.06	22.93	23.01	22.81	24.50
	DFT-s-OFDM BPSK	135	138	23.57	23.72	23.68	23.87	23.76	24.50
		270	0	23.47	23.14	23.30	23.37	23.44	23.50
	DFT-s-OFDM QPSK	1	1	23.26	23.64	23.13	22.59	22.84	24.50
		1	137	23.04	22.57	23.07	23.82	23.60	24.50
		1	271	22.78	23.64	23.39	23.30	23.54	24.50
	DFT-s-OFDM QPSK	135	0	22.57	22.60	22.58	22.52	22.63	24.50
		135	69	22.82	23.05	22.53	22.93	22.97	24.50
		135	138	23.68	23.91	23.65	24.03	23.74	24.50
	DFT-s-OFDM QPSK	270	0	23.28	22.96	23.22	23.30	23.24	23.50
	DFT-s-OFDM 16QAM	1	1	22.57	22.21	22.40	22.31	22.41	23.50
	DFT-s-OFDM 64QAM	1	1	21.03	21.00	21.20	21.36	21.16	22.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.37	19.53	19.52	19.37	20.00
	CP-OFDM QPSK	1	1	21.89	21.83	22.02	22.08	22.07	23.00
	CP-OFDM 16QAM	1	1	21.34	21.23	21.40	21.40	21.34	22.50
	CP-OFDM 64QAM	1	1	20.22	20.35	20.27	20.44	20.36	21.00
CP-OFDM 256QAM	1	1	17.29	17.43	17.32	17.26	17.46	18.00	

N41-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	23.11	23.50	23.51	22.75	22.87	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	23.25	23.75	23.64	22.55	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.33	23.67	23.30	22.76	22.72	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.45	23.66	23.05	22.59	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.32	23.70	23.31	22.65	23.01	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.17	23.73	23.19	22.79	22.76	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.36	23.80	23.15	22.78	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.15	23.53	23.29	22.78	22.91	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.06	23.55	23.18	22.64	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.09	23.84	23.29	22.61	22.92	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.27	23.61	23.60	22.68	22.75	24.50
		1	137	23.12	22.63	22.89	23.68	23.42	24.50
		1	271	22.83	23.74	23.59	23.50	23.50	24.50
	DFT-s-OFDM BPSK	135	0	22.55	22.71	22.68	22.54	22.55	24.50
		135	69	22.81	23.06	22.93	23.01	22.81	24.50
		135	138	23.57	23.72	23.68	23.87	23.76	24.50
	DFT-s-OFDM BPSK	270	0	23.47	23.14	23.30	23.37	23.44	23.50
	DFT-s-OFDM QPSK	1	1	23.26	23.64	23.13	22.59	22.84	24.50
		1	137	23.04	22.57	23.07	23.82	23.60	24.50
		1	271	22.78	23.64	23.39	23.30	23.54	24.50
	DFT-s-OFDM QPSK	135	0	22.57	22.60	22.58	22.52	22.63	24.50
		135	69	22.82	23.05	22.53	22.93	22.97	24.50
		135	138	23.68	23.91	23.65	24.03	23.74	24.50
	DFT-s-OFDM QPSK	270	0	23.28	22.96	23.22	23.30	23.24	23.50
	DFT-s-OFDM 16QAM	1	1	22.57	22.21	22.40	22.31	22.41	23.50
	DFT-s-OFDM 64QAM	1	1	21.03	21.00	21.20	21.36	21.16	22.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.37	19.53	19.52	19.37	20.00
CP-OFDM QPSK	1	1	21.89	21.83	22.02	22.08	22.07	23.00	
CP-OFDM 16QAM	1	1	21.34	21.23	21.40	21.40	21.34	22.50	
CP-OFDM 64QAM	1	1	20.22	20.35	20.27	20.44	20.36	21.00	
CP-OFDM 256QAM	1	1	17.29	17.43	17.32	17.26	17.46	18.00	

N41-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	20.04	20.37	20.47	19.80	20.02	21.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	20.12	20.87	20.62	19.69	19.80	21.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	20.33	20.54	20.34	19.69	19.85	21.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.32	20.79	20.04	19.72	19.76	21.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	20.41	20.76	20.35	19.58	20.09	21.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.04	20.85	20.11	19.66	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.39	20.93	20.06	19.79	20.02	21.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	20.23	20.54	20.22	19.73	19.85	21.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	20.11	20.53	20.26	19.65	19.88	21.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.14	20.72	20.25	19.58	19.85	21.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.22	20.49	20.52	19.60	19.78	21.50
		1	137	20.12	19.67	19.95	20.57	20.35	21.50
		1	271	19.76	20.81	20.69	20.57	20.45	21.50
	DFT-s-OFDM BPSK	135	0	19.63	19.81	19.73	19.63	19.68	21.50
		135	69	19.85	20.06	19.97	20.11	19.72	21.50
		135	138	20.69	20.83	20.66	21.02	20.69	21.50
	DFT-s-OFDM BPSK	270	0	20.45	20.22	20.26	20.34	20.49	21.50
	DFT-s-OFDM QPSK	1	1	20.36	20.62	20.09	19.63	19.77	21.50
		1	137	20.03	19.67	19.94	20.96	20.59	21.50
		1	271	19.86	20.63	20.26	20.18	20.47	21.50
	DFT-s-OFDM QPSK	135	0	19.55	19.61	19.51	19.55	19.67	21.50
		135	69	19.79	20.17	19.58	19.82	19.97	21.50
		135	138	20.74	20.92	20.65	21.13	20.80	21.50
	DFT-s-OFDM QPSK	270	0	20.46	20.38	20.64	20.64	20.48	21.50
	DFT-s-OFDM 16QAM	1	1	20.57	20.41	20.44	20.43	20.61	21.50
	DFT-s-OFDM 64QAM	1	1	19.93	19.97	20.29	20.28	20.27	21.50
DFT-s-OFDM 256QAM	1	1	19.67	19.41	19.54	19.41	19.42	20.00	
CP-OFDM QPSK	1	1	20.28	20.30	20.62	20.52	20.62	21.50	
CP-OFDM 16QAM	1	1	19.75	19.83	20.03	19.86	19.82	21.50	
CP-OFDM 64QAM	1	1	20.34	20.28	20.41	20.32	20.42	21.00	
CP-OFDM 256QAM	1	1	17.41	17.41	17.38	17.34	17.54	18.00	

8.5.8 NR Band41 Output Power

N41-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	22.83	22.64	22.62	22.51	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	22.94	22.58	22.84	22.50	22.77	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	22.75	22.55	22.54	22.76	22.55	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.17	22.53	22.54	22.60	22.54	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	22.77	22.57	22.59	22.71	22.67	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	22.84	22.51	22.58	22.95	22.65	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	22.86	22.56	22.55	22.72	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	22.76	22.55	22.53	22.74	22.53	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.20	22.51	22.53	22.83	22.64	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	22.94	22.50	22.51	22.99	22.80	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.90	22.52	22.91	22.53	22.57	24.50
		1	137	22.53	22.55	22.86	22.78	23.01	24.50
		1	271	22.93	22.95	23.45	23.26	23.21	24.50
	DFT-s-OFDM BPSK	135	0	22.51	22.59	22.57	22.52	22.54	24.50
		135	69	22.56	22.51	22.56	22.57	22.56	24.50
		135	138	22.80	22.76	22.61	22.74	22.58	24.50
	DFT-s-OFDM BPSK	270	0	22.36	22.29	22.05	22.34	22.32	23.50
	DFT-s-OFDM QPSK	1	1	22.80	22.60	22.57	22.64	22.60	24.50
		1	137	22.54	22.56	22.59	22.72	23.04	24.50
		1	271	23.33	23.06	23.27	23.32	23.14	24.50
	DFT-s-OFDM QPSK	135	0	22.55	22.60	22.58	22.77	22.74	24.50
		135	69	22.63	22.80	22.58	22.76	22.70	24.50
		135	138	22.78	22.56	22.71	22.88	22.67	24.50
	DFT-s-OFDM QPSK	270	0	22.37	22.05	22.14	22.50	22.30	23.50
	DFT-s-OFDM 16QAM	1	1	21.81	21.90	21.89	21.88	22.07	23.50
	DFT-s-OFDM 64QAM	1	1	20.25	20.04	20.09	20.08	20.38	22.00
DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.53	18.62	18.44	20.00	
CP-OFDM QPSK	1	1	21.21	21.04	21.32	21.47	21.31	23.00	
CP-OFDM 16QAM	1	1	20.59	20.81	20.78	20.63	20.61	22.50	
CP-OFDM 64QAM	1	1	19.24	19.30	19.05	19.12	19.28	21.00	
CP-OFDM 256QAM	1	1	16.21	16.50	16.26	16.17	16.20	18.00	

N41-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	15.64	15.38	15.40	15.46	15.46	17.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	15.42	15.43	15.63	15.43	15.64	17.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	15.52	15.37	15.57	15.44	15.63	17.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	15.43	15.39	15.53	15.56	15.59	17.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	15.63	15.52	15.45	15.43	15.51	17.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	15.64	15.48	15.59	15.37	15.47	17.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	15.38	15.43	15.65	15.48	15.45	17.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	15.47	15.50	15.40	15.60	15.45	17.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	15.61	15.46	15.39	15.63	15.59	17.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	15.40	15.65	15.43	15.51	15.54	17.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.39	15.52	15.48	15.65	15.63	17.00
		1	137	15.57	15.65	15.36	15.52	15.37	17.00
		1	271	15.65	15.36	15.58	15.46	15.58	17.00
	DFT-s-OFDM BPSK	135	0	15.53	15.44	15.41	15.49	15.52	17.00
		135	69	15.64	15.48	15.52	15.56	15.52	17.00
		135	138	15.38	15.56	15.38	15.50	15.56	17.00
	DFT-s-OFDM BPSK	270	0	15.46	15.62	15.51	15.46	15.37	17.00
	DFT-s-OFDM QPSK	1	1	15.65	15.59	15.64	15.44	15.54	17.00
		1	137	15.40	15.43	15.52	15.61	15.49	17.00
		1	271	15.61	15.47	15.46	15.51	15.40	17.00
	DFT-s-OFDM QPSK	135	0	15.41	15.37	15.36	15.45	15.56	17.00
		135	69	15.54	15.44	15.63	15.36	15.60	17.00
		135	138	15.42	15.65	15.60	15.47	15.51	17.00
	DFT-s-OFDM QPSK	270	0	15.62	15.64	15.58	15.58	15.59	17.00
	DFT-s-OFDM 16QAM	1	1	15.51	15.48	15.63	15.53	15.61	17.00
	DFT-s-OFDM 64QAM	1	1	15.40	15.64	15.58	15.44	15.42	17.00
DFT-s-OFDM 256QAM	1	1	15.65	15.39	15.62	15.58	15.47	17.00	
CP-OFDM QPSK	1	1	15.37	15.56	15.62	15.58	15.43	17.00	
CP-OFDM 16QAM	1	1	15.40	15.62	15.40	15.39	15.54	17.00	
CP-OFDM 64QAM	1	1	15.47	15.38	15.56	15.36	15.56	17.00	
CP-OFDM 256QAM	1	1	15.53	15.36	15.38	15.47	15.38	17.00	

N41-ANT4 DS1&2&3&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	19.88	19.97	20.09	20.08	20.01	21.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	19.93	19.88	20.04	19.96	20.07	21.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	20.13	20.15	20.03	19.87	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.15	19.91	19.90	20.12	20.14	21.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.86	20.09	19.93	20.08	19.89	21.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.06	19.92	20.06	20.08	20.12	21.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.07	20.02	19.98	19.99	20.12	21.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.94	19.87	20.08	20.07	19.92	21.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	20.15	19.89	20.05	20.10	19.99	21.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.13	20.00	19.91	20.00	20.09	21.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	20.13	19.97	20.05	19.99	20.06	21.00
		1	137	19.96	20.11	20.01	20.12	20.08	21.00
		1	271	19.97	19.86	19.97	20.12	20.10	21.00
	DFT-s-OFDM BPSK	135	0	19.94	20.12	20.04	19.86	20.03	21.00
		135	69	20.01	19.90	20.09	20.15	19.93	21.00
		135	138	20.11	20.15	19.95	19.87	19.95	21.00
	DFT-s-OFDM BPSK	270	0	19.99	19.98	19.92	20.02	19.86	21.00
	DFT-s-OFDM QPSK	1	1	20.01	19.91	20.15	20.15	20.06	21.00
		1	137	20.10	20.03	19.86	20.10	20.11	21.00
		1	271	20.06	19.94	19.97	20.02	20.11	21.00
	DFT-s-OFDM QPSK	135	0	20.15	20.12	20.15	19.88	20.04	21.00
		135	69	20.11	19.92	20.09	20.06	20.05	21.00
		135	138	20.09	19.95	19.95	19.87	19.96	21.00
	DFT-s-OFDM QPSK	270	0	19.98	19.94	20.06	20.05	20.12	21.00
	DFT-s-OFDM 16QAM	1	1	19.95	19.96	19.86	19.97	20.03	21.00
	DFT-s-OFDM 64QAM	1	1	19.96	19.90	20.11	19.94	20.15	21.00
DFT-s-OFDM 256QAM	1	1	18.43	18.35	18.42	18.61	18.36	20.00	
CP-OFDM QPSK	1	1	19.92	19.91	20.14	19.87	19.98	21.00	
CP-OFDM 16QAM	1	1	20.01	20.13	19.87	20.10	20.11	21.00	
CP-OFDM 64QAM	1	1	19.37	19.20	19.18	19.05	19.37	21.00	
CP-OFDM 256QAM	1	1	16.09	16.60	16.22	16.22	16.23	18.00	

8.5.8 NR Band41 Output Power

N41-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	19.73	19.65	19.64	19.52	19.93	21.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	19.76	19.81	19.63	19.57	19.97	21.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.76	19.35	19.46	19.10	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.43	19.53	19.59	19.17	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.52	19.49	19.42	19.08	20.02	21.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.50	19.74	19.28	19.20	19.90	21.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.77	19.36	19.14	19.28	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.82	19.68	19.37	19.51	19.75	21.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.73	19.63	19.23	19.19	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.94	19.57	19.32	19.22	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.88	19.61	19.93	19.41	19.77	21.00
		1	137	19.63	19.05	19.74	19.49	19.49	21.00
		1	271	19.68	19.43	20.38	19.41	19.42	21.00
	DFT-s-OFDM BPSK	135	0	19.43	19.44	19.43	19.48	19.30	21.00
		135	69	19.73	19.70	19.82	19.61	19.92	21.00
		135	138	20.03	20.08	20.01	20.12	20.07	21.00
	DFT-s-OFDM BPSK	270	0	19.48	19.63	19.69	19.46	19.63	21.00
	DFT-s-OFDM QPSK	1	1	19.70	19.44	19.30	19.24	20.03	21.00
		1	137	19.51	19.14	20.04	19.54	19.38	21.00
		1	271	19.68	19.53	20.16	19.55	19.29	21.00
	DFT-s-OFDM QPSK	135	0	19.63	19.17	19.29	19.64	19.35	21.00
		135	69	19.78	19.75	19.40	19.80	19.76	21.00
		135	138	19.22	19.37	19.23	19.23	19.27	21.00
	DFT-s-OFDM QPSK	270	0	18.58	19.13	19.09	18.82	18.74	20.00
	DFT-s-OFDM 16QAM	1	1	18.31	18.51	18.47	18.55	18.54	20.00
	DFT-s-OFDM 64QAM	1	1	17.30	17.31	17.22	17.19	17.08	18.50
DFT-s-OFDM 256QAM	1	1	15.21	15.17	15.02	15.02	14.96	16.50	
CP-OFDM QPSK	1	1	18.10	18.18	18.15	18.06	18.12	19.50	
CP-OFDM 16QAM	1	1	17.52	17.58	17.59	17.61	17.50	19.00	
CP-OFDM 64QAM	1	1	15.88	15.70	15.82	15.66	15.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.78	13.62	13.52	13.60	14.50	

N41-ANT5 DSI1&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	19.73	19.65	19.64	19.52	19.93	21.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	19.76	19.81	19.63	19.57	19.97	21.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.76	19.35	19.46	19.10	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.43	19.53	19.59	19.17	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.52	19.49	19.42	19.08	20.02	21.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.50	19.74	19.28	19.20	19.90	21.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.77	19.36	19.14	19.28	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.82	19.68	19.37	19.51	19.75	21.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.73	19.63	19.23	19.19	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.94	19.57	19.32	19.22	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.88	19.61	19.93	19.41	19.77	21.00
		1	137	19.63	19.05	19.74	19.49	19.49	21.00
		1	271	19.68	19.43	20.38	19.41	19.42	21.00
	DFT-s-OFDM BPSK	135	0	19.43	19.44	19.43	19.48	19.30	21.00
		135	69	19.73	19.70	19.82	19.61	19.92	21.00
		135	138	20.03	20.08	20.01	20.12	20.07	21.00
	DFT-s-OFDM BPSK	270	0	19.48	19.63	19.69	19.46	19.63	21.00
	DFT-s-OFDM QPSK	1	1	19.70	19.44	19.30	19.24	20.03	21.00
		1	137	19.51	19.14	20.04	19.54	19.38	21.00
		1	271	19.68	19.53	20.16	19.55	19.29	21.00
	DFT-s-OFDM QPSK	135	0	19.63	19.17	19.29	19.64	19.35	21.00
		135	69	19.78	19.75	19.40	19.80	19.76	21.00
		135	138	19.22	19.37	19.23	19.23	19.27	21.00
	DFT-s-OFDM QPSK	270	0	18.58	19.13	19.09	18.82	18.74	20.00
	DFT-s-OFDM 16QAM	1	1	18.31	18.51	18.47	18.55	18.54	20.00
	DFT-s-OFDM 64QAM	1	1	17.30	17.31	17.22	17.19	17.08	18.50
DFT-s-OFDM 256QAM	1	1	15.21	15.17	15.02	15.02	14.96	16.50	
CP-OFDM QPSK	1	1	18.10	18.18	18.15	18.06	18.12	19.50	
CP-OFDM 16QAM	1	1	17.52	17.58	17.59	17.61	17.50	19.00	
CP-OFDM 64QAM	1	1	15.88	15.70	15.82	15.66	15.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.78	13.62	13.52	13.60	14.50	

8.5.8 NR Band41 Output Power(ENDC)

N41-ANT2 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	24.40	24.09	24.05	23.72	23.60	25.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	24.39	24.24	23.85	23.95	23.57	25.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	24.39	24.27	23.71	23.90	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	24.32	24.23	23.59	24.06	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	24.38	24.28	23.59	24.10	23.93	25.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	24.07	24.16	23.54	23.97	23.74	25.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	24.05	24.16	23.53	23.92	23.78	25.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	24.35	24.24	23.51	23.86	24.02	25.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	24.17	24.13	23.53	23.91	23.99	25.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	24.36	24.26	23.63	23.82	24.07	25.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	24.18	24.24	23.89	23.78	23.76	25.50
		1	137	23.98	23.58	24.25	24.23	24.21	25.50
		1	271	23.59	24.21	23.84	24.12	24.05	25.50
	DFT-s-OFDM BPSK	135	0	23.52	23.65	23.63	23.70	23.66	25.50
		135	69	23.91	24.03	23.92	23.93	23.75	25.50
		135	138	23.61	23.88	23.74	23.71	23.60	25.50
	DFT-s-OFDM BPSK	270	0	23.47	23.36	23.49	23.60	23.68	24.50
		1	1	24.19	24.32	23.52	23.93	23.93	25.50
	DFT-s-OFDM QPSK	1	137	23.92	23.55	24.38	24.24	24.09	25.50
		1	271	23.52	24.17	23.81	24.25	23.88	25.50
		135	0	23.59	23.70	23.79	23.82	23.57	25.50
	DFT-s-OFDM QPSK	135	69	23.91	24.10	23.65	23.81	23.95	25.50
		135	138	23.62	24.01	23.56	23.86	23.75	25.50
		270	0	23.51	23.19	23.59	23.50	23.80	24.50
	DFT-s-OFDM 16QAM	1	1	22.52	22.55	22.62	22.66	22.63	24.50
	DFT-s-OFDM 64QAM	1	1	21.09	21.06	21.12	21.01	21.09	23.00
	DFT-s-OFDM 256QAM	1	1	19.60	19.61	19.48	19.44	19.42	21.00
CP-OFDM QPSK	1	1	22.05	22.12	22.06	22.19	22.09	24.00	
CP-OFDM 16QAM	1	1	21.51	21.56	21.56	21.74	21.69	23.50	
CP-OFDM 64QAM	1	1	20.44	20.76	20.56	20.43	20.69	22.00	
CP-OFDM 256QAM	1	1	17.34	17.43	17.38	17.32	17.21	19.00	

N41-ANT2 DS11&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	13.83	13.53	13.51	13.36	13.18	15.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	13.96	13.78	13.35	13.43	13.20	15.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	13.80	13.76	13.17	13.36	13.58	15.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	13.81	13.70	13.01	13.50	13.32	15.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	13.86	13.87	13.13	13.54	13.37	15.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	13.65	13.73	13.08	13.42	13.29	15.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	13.49	13.64	13.09	13.30	13.25	15.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	13.92	13.69	13.02	13.39	13.67	15.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	13.58	13.71	13.10	13.29	13.39	15.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	13.73	13.71	13.05	13.46	13.67	15.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	13.80	13.65	13.27	13.32	13.28	15.00
		1	137	13.63	13.15	13.69	13.76	13.81	15.00
		1	271	13.15	13.76	13.23	13.67	13.42	15.00
	DFT-s-OFDM BPSK	135	0	13.08	13.30	13.25	13.34	13.22	15.00
		135	69	13.40	13.40	13.46	13.53	13.25	15.00
		135	138	13.02	13.48	13.15	13.18	13.23	15.00
	DFT-s-OFDM BPSK	270	0	13.50	13.42	13.62	13.61	13.63	15.00
		1	1	14.14	14.46	13.52	13.98	14.02	15.00
	DFT-s-OFDM QPSK	1	137	13.90	13.65	14.36	14.19	14.08	15.00
		1	271	13.65	14.10	13.96	14.32	13.86	15.00
		135	0	13.69	13.72	13.87	13.86	13.48	15.00
	DFT-s-OFDM QPSK	135	69	13.84	14.04	13.63	13.95	13.87	15.00
		135	138	13.74	14.15	13.57	13.84	13.73	15.00
		270	0	13.58	13.34	13.66	13.55	13.74	15.00
	DFT-s-OFDM 16QAM	1	1	13.46	13.54	13.65	13.66	13.72	15.00
	DFT-s-OFDM 64QAM	1	1	13.65	13.40	13.54	13.53	13.51	15.00
DFT-s-OFDM 256QAM	1	1	13.51	13.59	13.48	13.38	13.39	15.00	
CP-OFDM QPSK	1	1	13.49	13.55	13.37	13.47	13.60	15.00	
CP-OFDM 16QAM	1	1	13.47	13.58	13.62	13.37	13.58	15.00	
CP-OFDM 64QAM	1	1	13.61	13.63	13.37	13.49	13.51	15.00	
CP-OFDM 256QAM	1	1	13.63	13.64	13.50	13.50	13.62	15.00	

N41-ANT2 DS12&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	21.93	21.86	21.83	22.13	22.18	23.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	22.13	22.04	22.15	22.05	22.05	23.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	21.93	21.89	22.18	21.91	21.91	23.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	22.20	21.96	21.91	22.06	22.09	23.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	21.99	21.96	21.84	21.92	22.16	23.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	21.85	22.03	21.83	22.18	22.13	23.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	22.00	22.12	21.94	22.12	21.99	23.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	21.93	22.05	21.98	21.91	22.19	23.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	22.07	22.18	21.84	22.13	22.02	23.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	21.81	22.11	22.11	22.17	22.04	23.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.00	21.82	22.05	21.93	22.04	23.50
		1	137	22.08	22.06	21.95	22.01	21.95	23.50
		1	271	21.84	22.09	21.98	22.00	21.85	23.50
	DFT-s-OFDM BPSK	135	0	21.98	21.98	21.97	21.95	22.02	23.50
		135	69	21.81	21.94	21.89	22.18	22.10	23.50
		135	138	21.80	21.90	21.90	22.03	21.80	23.50
	DFT-s-OFDM BPSK	270	0	21.93	21.91	21.87	21.95	21.95	23.50
		1	1	22.15	22.13	21.96	22.06	21.89	23.50
		1	137	22.08	21.96	22.16	21.91	22.18	23.50
	DFT-s-OFDM QPSK	1	271	21.93	21.97	22.14	22.19	22.18	23.50
		135	0	21.92	21.93	22.06	21.96	22.14	23.50
		135	69	22.12	22.16	22.15	22.15	21.85	23.50
	DFT-s-OFDM QPSK	135	138	21.90	21.98	22.14	21.85	21.80	23.50
		270	0	21.97	22.12	22.10	22.18	21.90	23.50
		1	1	22.08	21.87	21.97	22.09	22.01	23.50
	DFT-s-OFDM 16QAM	1	1	22.08	21.87	21.97	22.09	22.01	23.50
DFT-s-OFDM 64QAM	1	1	21.39	21.59	21.33	21.55	21.54	23.00	
DFT-s-OFDM 256QAM	1	1	19.70	19.44	19.41	19.53	19.31	21.00	
CP-OFDM QPSK	1	1	22.06	21.83	21.88	22.04	22.09	23.50	
CP-OFDM 16QAM	1	1	22.07	22.09	21.84	21.90	21.95	23.50	
CP-OFDM 64QAM	1	1	20.49	20.36	20.53	20.38	20.54	22.00	
CP-OFDM 256QAM	1	1	17.65	17.52	17.59	17.51	17.44	19.00	

N41-ANT2 DSI3

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	15.81	15.91	15.93	16.07	15.87	17.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	15.84	16.11	16.06	15.87	16.14	17.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	15.97	16.11	15.96	16.12	15.94	17.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	15.95	16.00	16.20	15.88	16.07	17.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	15.92	16.04	16.20	16.19	16.17	17.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	15.98	15.92	16.20	15.92	15.84	17.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	16.01	16.09	15.99	16.15	16.00	17.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	16.18	16.18	16.00	16.18	16.16	17.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	16.03	16.18	15.96	16.02	15.85	17.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	16.04	15.97	15.81	15.87	16.15	17.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	15.90	16.11	16.02	15.80	16.11	17.50
		1	137	15.81	16.07	15.91	16.16	16.11	17.50
		1	271	16.20	15.98	16.15	16.14	16.13	17.50
	DFT-s-OFDM BPSK	135	0	16.16	16.02	15.88	15.80	16.10	17.50
		135	69	15.93	15.83	16.05	16.12	15.91	17.50
		135	138	15.85	16.07	16.03	16.16	16.10	17.50
	DFT-s-OFDM BPSK	270	0	15.83	15.86	16.01	16.13	15.90	17.50
		1	1	15.97	16.11	15.83	15.80	15.93	17.50
	DFT-s-OFDM QPSK	1	137	15.81	15.94	15.85	16.18	16.04	17.50
		1	271	16.06	16.03	15.95	15.88	16.05	17.50
		135	0	16.12	16.07	15.95	16.06	16.02	17.50
	DFT-s-OFDM QPSK	135	69	16.01	15.88	15.83	15.91	15.81	17.50
		135	138	15.87	16.06	16.04	15.84	15.86	17.50
		270	0	15.99	15.89	16.13	15.83	16.02	17.50
	DFT-s-OFDM 16QAM	1	1	15.86	16.03	15.96	16.18	16.15	17.50
	DFT-s-OFDM 64QAM	1	1	15.99	15.92	16.09	16.18	15.97	17.50
	DFT-s-OFDM 256QAM	1	1	16.17	16.13	16.09	15.89	15.97	17.50
CP-OFDM QPSK	1	1	15.86	16.04	16.08	15.95	15.96	17.50	
CP-OFDM 16QAM	1	1	16.08	16.17	15.85	15.92	15.83	17.50	
CP-OFDM 64QAM	1	1	16.20	16.15	15.94	16.08	15.95	17.50	
CP-OFDM 256QAM	1	1	16.08	16.18	15.81	16.15	16.08	17.50	

8.5.8 NR Band41 Output Power(ENDC)

N41-ANT3 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	23.11	23.50	23.51	22.75	22.87	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	23.25	23.75	23.64	22.55	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.33	23.67	23.30	22.76	22.72	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.45	23.66	23.05	22.59	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.32	23.70	23.31	22.65	23.01	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.17	23.73	23.19	22.79	22.76	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.36	23.80	23.15	22.78	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.15	23.53	23.29	22.78	22.91	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.06	23.55	23.18	22.64	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.09	23.84	23.29	22.61	22.92	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.27	23.61	23.60	22.68	22.75	24.50
		1	137	23.12	22.63	22.89	23.68	23.42	24.50
		1	271	22.83	23.74	23.59	23.50	23.50	24.50
	DFT-s-OFDM BPSK	135	0	22.55	22.71	22.68	22.54	22.55	24.50
		135	69	22.81	23.06	22.93	23.01	22.81	24.50
		135	138	23.57	23.72	23.68	23.87	23.76	24.50
	DFT-s-OFDM BPSK	270	0	23.47	23.14	23.30	23.37	23.44	23.50
	DFT-s-OFDM QPSK	1	1	23.26	23.64	23.13	22.59	22.84	24.50
		1	137	23.04	22.57	23.07	23.82	23.60	24.50
		1	271	22.78	23.64	23.39	23.30	23.54	24.50
	DFT-s-OFDM QPSK	135	0	22.57	22.60	22.58	22.52	22.63	24.50
		135	69	22.82	23.05	22.53	22.93	22.97	24.50
		135	138	23.68	23.91	23.65	24.03	23.74	24.50
	DFT-s-OFDM QPSK	270	0	23.28	22.96	23.22	23.30	23.24	23.50
	DFT-s-OFDM 16QAM	1	1	22.57	22.21	22.40	22.31	22.41	23.50
	DFT-s-OFDM 64QAM	1	1	21.03	21.00	21.20	21.36	21.16	22.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.37	19.53	19.52	19.37	20.00
	CP-OFDM QPSK	1	1	21.89	21.83	22.02	22.08	22.07	23.00
	CP-OFDM 16QAM	1	1	21.34	21.23	21.40	21.40	21.34	22.50
CP-OFDM 64QAM	1	1	20.22	20.35	20.27	20.44	20.36	21.00	
CP-OFDM 256QAM	1	1	17.29	17.43	17.32	17.26	17.46	18.00	

N41-ANT3 DSI1&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	23.11	23.50	23.51	22.75	22.87	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	23.25	23.75	23.64	22.55	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	23.33	23.67	23.30	22.76	22.72	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.45	23.66	23.05	22.59	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	23.32	23.70	23.31	22.65	23.01	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	23.17	23.73	23.19	22.79	22.76	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	23.36	23.80	23.15	22.78	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	23.15	23.53	23.29	22.78	22.91	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.06	23.55	23.18	22.64	22.90	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	23.09	23.84	23.29	22.61	22.92	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	23.27	23.61	23.60	22.68	22.75	24.50
		1	137	23.12	22.63	22.89	23.68	23.42	24.50
		1	271	22.83	23.74	23.59	23.50	23.50	24.50
	DFT-s-OFDM BPSK	135	0	22.55	22.71	22.68	22.54	22.55	24.50
		135	69	22.81	23.06	22.93	23.01	22.81	24.50
		135	138	23.57	23.72	23.68	23.87	23.76	24.50
	DFT-s-OFDM BPSK	270	0	23.47	23.14	23.30	23.37	23.44	23.50
	DFT-s-OFDM QPSK	1	1	23.26	23.64	23.13	22.59	22.84	24.50
		1	137	23.04	22.57	23.07	23.82	23.60	24.50
		1	271	22.78	23.64	23.39	23.30	23.54	24.50
	DFT-s-OFDM QPSK	135	0	22.57	22.60	22.58	22.52	22.63	24.50
		135	69	22.82	23.05	22.53	22.93	22.97	24.50
		135	138	23.68	23.91	23.65	24.03	23.74	24.50
	DFT-s-OFDM QPSK	270	0	23.28	22.96	23.22	23.30	23.24	23.50
	DFT-s-OFDM 16QAM	1	1	22.57	22.21	22.40	22.31	22.41	23.50
	DFT-s-OFDM 64QAM	1	1	21.03	21.00	21.20	21.36	21.16	22.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.37	19.53	19.52	19.37	20.00
	CP-OFDM QPSK	1	1	21.89	21.83	22.02	22.08	22.07	23.00
	CP-OFDM 16QAM	1	1	21.34	21.23	21.40	21.40	21.34	22.50
CP-OFDM 64QAM	1	1	20.22	20.35	20.27	20.44	20.36	21.00	
CP-OFDM 256QAM	1	1	17.29	17.43	17.32	17.26	17.46	18.00	

N41-ANT3 DSI2&3&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	18.11	17.91	18.16	18.11	18.16	19.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	17.81	18.08	18.03	18.14	18.16	19.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.19	17.96	17.96	18.14	18.00	19.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.18	17.80	18.19	18.00	17.81	19.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	17.88	17.93	17.85	17.94	18.11	19.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.00	18.08	18.02	18.15	18.11	19.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	17.97	18.03	18.09	18.13	17.93	19.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	17.90	18.12	18.20	18.08	18.19	19.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	17.85	17.95	17.99	18.10	17.97	19.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.14	18.10	17.91	17.91	17.95	19.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.16	18.02	18.18	17.84	17.89	19.50
		1	137	17.85	17.88	17.86	18.20	18.04	19.50
		1	271	17.84	17.93	18.09	17.85	17.82	19.50
	DFT-s-OFDM BPSK	135	0	17.94	17.93	17.80	18.04	17.89	19.50
		135	69	18.08	17.89	18.13	17.87	17.90	19.50
		135	138	17.98	18.01	17.98	17.83	17.88	19.50
	DFT-s-OFDM BPSK	270	0	17.83	18.02	18.14	17.99	18.13	19.50
		1	1	18.09	18.12	18.20	17.98	18.06	19.50
	DFT-s-OFDM QPSK	1	137	17.95	17.85	18.13	17.88	18.16	19.50
		1	271	17.83	17.87	18.06	17.97	18.00	19.50
		135	0	17.89	17.89	18.03	17.94	18.14	19.50
	DFT-s-OFDM QPSK	135	69	18.15	18.11	17.91	17.90	18.18	19.50
		135	138	17.85	18.17	18.19	17.92	18.05	19.50
		270	0	17.83	17.82	17.86	18.15	17.93	19.50
	DFT-s-OFDM 16QAM	1	1	17.83	18.20	18.02	18.20	18.02	19.50
	DFT-s-OFDM 64QAM	1	1	18.10	18.19	17.85	18.07	17.91	19.50
	DFT-s-OFDM 256QAM	1	1	17.84	18.16	18.18	18.15	17.98	19.50
CP-OFDM QPSK	1	1	18.04	17.85	18.12	17.93	17.89	19.50	
CP-OFDM 16QAM	1	1	17.93	17.83	18.04	17.89	17.83	19.50	
CP-OFDM 64QAM	1	1	18.13	17.88	18.12	18.19	18.10	19.50	
CP-OFDM 256QAM	1	1	16.38	16.42	16.56	16.68	16.47	18.00	

8.5.8 NR Band41 Output Power(ENDC)

N41-ANT4 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	22.83	22.64	22.62	22.51	22.74	24.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	22.94	22.58	22.84	22.50	22.77	24.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	22.75	22.55	22.54	22.76	22.55	24.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	23.17	22.53	22.54	22.60	22.54	24.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	22.77	22.57	22.59	22.71	22.67	24.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	22.84	22.51	22.58	22.95	22.65	24.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	22.86	22.56	22.55	22.72	22.93	24.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	22.76	22.55	22.53	22.74	22.53	24.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	23.20	22.51	22.53	22.83	22.64	24.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	22.94	22.50	22.51	22.99	22.80	24.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	22.90	22.52	22.91	22.53	22.57	24.50
		1	137	22.53	22.55	22.86	22.78	23.01	24.50
		1	271	22.93	22.95	23.45	23.26	23.21	24.50
	DFT-s-OFDM BPSK	135	0	22.51	22.59	22.57	22.52	22.54	24.50
		135	69	22.56	22.51	22.56	22.57	22.56	24.50
	DFT-s-OFDM BPSK	135	138	22.80	22.76	22.61	22.74	22.58	24.50
		270	0	22.36	22.29	22.05	22.34	22.32	23.50
	DFT-s-OFDM QPSK	1	1	22.80	22.60	22.57	22.64	22.60	24.50
		1	137	22.54	22.56	22.59	22.72	23.04	24.50
		1	271	23.33	23.06	23.27	23.32	23.14	24.50
	DFT-s-OFDM QPSK	135	0	22.55	22.60	22.58	22.77	22.74	24.50
		135	69	22.63	22.80	22.58	22.76	22.70	24.50
		135	138	22.78	22.56	22.71	22.88	22.67	24.50
	DFT-s-OFDM QPSK	270	0	22.37	22.05	22.14	22.50	22.30	23.50
	DFT-s-OFDM 16QAM	1	1	21.81	21.90	21.89	21.88	22.07	23.50
	DFT-s-OFDM 64QAM	1	1	20.25	20.04	20.09	20.08	20.38	22.00
	DFT-s-OFDM 256QAM	1	1	18.43	18.48	18.53	18.62	18.44	20.00
	CP-OFDM QPSK	1	1	21.21	21.04	21.32	21.47	21.31	23.00
	CP-OFDM 16QAM	1	1	20.59	20.81	20.78	20.63	20.61	22.50
CP-OFDM 64QAM	1	1	19.24	19.30	19.05	19.12	19.28	21.00	
CP-OFDM 256QAM	1	1	16.21	16.50	16.26	16.17	16.20	18.00	

N41-ANT4 DSI1&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	13.14	12.88	12.90	12.96	12.96	14.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	12.92	12.93	13.13	12.93	13.14	14.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	13.02	12.87	13.07	12.94	13.13	14.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	12.93	12.89	13.03	13.06	13.09	14.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	13.13	13.02	12.95	12.93	13.01	14.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	13.14	12.98	13.09	12.87	12.97	14.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	12.88	12.93	13.15	12.98	12.95	14.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	12.97	13.00	12.90	13.10	12.95	14.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	13.11	12.96	12.89	13.13	13.09	14.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	12.90	13.15	12.93	13.01	13.04	14.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	12.89	13.02	12.98	13.15	13.13	14.50
		1	137	13.07	13.15	12.86	13.02	12.87	14.50
		1	271	13.15	12.86	13.08	12.96	13.08	14.50
	DFT-s-OFDM BPSK	135	0	13.03	12.94	12.91	12.99	13.02	14.50
		135	69	13.14	12.98	13.02	13.06	13.02	14.50
		135	138	12.88	13.06	12.88	13.00	13.06	14.50
	DFT-s-OFDM BPSK	270	0	12.96	13.12	13.01	12.96	12.87	14.50
	DFT-s-OFDM QPSK	1	1	13.15	13.09	13.14	12.94	13.04	14.50
		1	137	12.90	12.93	13.02	13.11	12.99	14.50
		1	271	13.11	12.97	12.96	13.01	12.90	14.50
	DFT-s-OFDM QPSK	135	0	12.91	12.87	12.86	12.95	13.06	14.50
		135	69	13.04	12.94	13.13	12.86	13.10	14.50
		135	138	12.92	13.15	13.10	12.97	13.01	14.50
	DFT-s-OFDM QPSK	270	0	13.12	13.14	13.08	13.08	13.09	14.50
	DFT-s-OFDM 16QAM	1	1	13.01	12.98	13.13	13.03	13.11	14.50
	DFT-s-OFDM 64QAM	1	1	12.90	13.14	13.08	12.94	12.92	14.50
	DFT-s-OFDM 256QAM	1	1	13.15	12.89	13.12	13.08	12.97	14.50
CP-OFDM QPSK	1	1	12.87	13.06	13.12	13.08	12.93	14.50	
CP-OFDM 16QAM	1	1	12.90	13.12	12.90	12.89	13.04	14.50	
CP-OFDM 64QAM	1	1	12.97	12.88	13.06	12.86	13.06	14.50	
CP-OFDM 256QAM	1	1	13.03	12.86	12.88	12.97	12.88	14.50	

N41-ANT4 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	18.91	19.01	19.10	19.17	18.86	20.50
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	19.07	19.12	19.08	18.89	19.06	20.50
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.20	18.85	19.02	19.11	18.87	20.50
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.20	19.02	18.96	18.85	19.16	20.50
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.09	18.84	18.85	19.06	18.92	20.50
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.18	18.95	19.06	18.96	18.94	20.50
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.82	19.01	18.94	19.07	19.12	20.50
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.92	19.12	18.86	19.06	18.94	20.50
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.94	18.87	18.81	19.17	18.93	20.50
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.00	18.95	19.03	19.17	18.82	20.50
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.16	19.06	19.05	18.95	18.87	20.50
		1	137	18.90	18.88	19.19	18.89	19.17	20.50
		1	271	18.94	18.88	18.90	19.18	18.87	20.50
	DFT-s-OFDM BPSK	135	0	18.80	19.15	19.06	19.02	19.15	20.50
		135	69	19.19	19.03	18.92	19.14	19.03	20.50
		135	138	18.85	19.10	18.80	19.18	19.01	20.50
	DFT-s-OFDM BPSK	270	0	19.12	19.14	18.86	19.04	18.87	20.50
	DFT-s-OFDM QPSK	1	1	19.05	19.17	18.97	18.90	19.02	20.50
		1	137	19.08	19.04	19.05	18.89	19.03	20.50
		1	271	18.90	18.91	18.83	18.89	18.82	20.50
	DFT-s-OFDM QPSK	135	0	18.95	19.16	19.12	18.89	18.88	20.50
		135	69	19.17	19.07	18.83	19.02	18.98	20.50
		135	138	19.18	19.00	18.82	18.91	19.16	20.50
	DFT-s-OFDM QPSK	270	0	18.82	18.91	19.13	19.09	19.01	20.50
	DFT-s-OFDM 16QAM	1	1	18.82	19.13	19.01	18.81	19.08	20.50
	DFT-s-OFDM 64QAM	1	1	18.98	18.97	18.84	19.20	19.17	20.50
	DFT-s-OFDM 256QAM	1	1	18.31	18.62	18.63	18.55	18.32	20.00
	CP-OFDM QPSK	1	1	18.88	19.02	19.04	19.16	18.83	20.50
CP-OFDM 16QAM	1	1	18.86	19.11	18.87	19.14	18.82	20.50	
CP-OFDM 64QAM	1	1	19.08	18.80	18.97	19.01	18.80	20.50	
CP-OFDM 256QAM	1	1	16.31	16.32	16.59	16.63	16.61	18.00	

8.5.8 NR Band41 Output Power(ENDC)

N41-ANT5 Full power

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	19.73	19.65	19.64	19.52	19.93	21.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	19.76	19.81	19.63	19.57	19.97	21.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.76	19.35	19.46	19.10	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.43	19.53	19.59	19.17	19.94	21.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	19.52	19.49	19.42	19.08	20.02	21.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.50	19.74	19.28	19.20	19.90	21.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.77	19.36	19.14	19.28	19.82	21.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.82	19.68	19.37	19.51	19.75	21.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.73	19.63	19.23	19.19	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.94	19.57	19.32	19.22	20.05	21.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	19.88	19.61	19.93	19.41	19.77	21.00
		1	137	19.63	19.05	19.74	19.49	19.49	21.00
		1	271	19.68	19.43	20.38	19.41	19.42	21.00
	DFT-s-OFDM BPSK	135	0	19.43	19.44	19.43	19.48	19.30	21.00
		135	69	19.73	19.70	19.82	19.61	19.92	21.00
		135	138	20.03	20.08	20.01	20.12	20.07	21.00
	DFT-s-OFDM BPSK	270	0	19.48	19.63	19.69	19.46	19.63	21.00
		1	1	19.70	19.44	19.30	19.24	20.03	21.00
	DFT-s-OFDM QPSK	1	137	19.51	19.14	20.04	19.54	19.38	21.00
		1	271	19.68	19.53	20.16	19.55	19.29	21.00
		135	0	19.63	19.17	19.29	19.64	19.35	21.00
	DFT-s-OFDM QPSK	135	69	19.78	19.75	19.40	19.80	19.76	21.00
		135	138	19.22	19.37	19.23	19.23	19.27	21.00
		270	0	18.58	19.13	19.09	18.82	18.74	20.00
	DFT-s-OFDM 16QAM	1	1	18.31	18.51	18.47	18.55	18.54	20.00
	DFT-s-OFDM 64QAM	1	1	17.30	17.31	17.22	17.19	17.08	18.50
DFT-s-OFDM 256QAM	1	1	15.21	15.17	15.02	15.02	14.96	16.50	
CP-OFDM QPSK	1	1	18.10	18.18	18.15	18.06	18.12	19.50	
CP-OFDM 16QAM	1	1	17.52	17.58	17.59	17.61	17.50	19.00	
CP-OFDM 64QAM	1	1	15.88	15.70	15.82	15.66	15.75	17.50	
CP-OFDM 256QAM	1	1	13.65	13.78	13.62	13.52	13.60	14.50	

N41-ANT5 DS11&5

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	16.36	16.41	16.54	16.66	16.38	18.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	16.37	16.49	16.67	16.61	16.38	18.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	16.45	16.65	16.38	16.61	16.39	18.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	16.46	16.58	16.38	16.63	16.52	18.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	16.60	16.62	16.46	16.43	16.57	18.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	16.59	16.34	16.53	16.57	16.60	18.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	16.68	16.47	16.49	16.59	16.47	18.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	16.66	16.57	16.52	16.46	16.38	18.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	16.50	16.38	16.59	16.59	16.34	18.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	16.70	16.35	16.37	16.50	16.48	18.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	16.61	16.43	16.45	16.69	16.50	18.00
		1	137	16.68	16.41	16.39	16.65	16.69	18.00
		1	271	16.39	16.67	16.45	16.37	16.33	18.00
	DFT-s-OFDM BPSK	135	0	16.69	16.70	16.48	16.34	16.42	18.00
		135	69	16.61	16.34	16.66	16.39	16.35	18.00
		135	138	16.38	16.55	16.30	16.70	16.48	18.00
	DFT-s-OFDM BPSK	270	0	16.48	16.36	16.51	16.69	16.57	18.00
		1	1	16.69	16.62	16.42	16.47	16.67	18.00
		1	137	16.65	16.32	16.50	16.49	16.57	18.00
	DFT-s-OFDM QPSK	1	271	16.32	16.38	16.51	16.62	16.49	18.00
		135	0	16.69	16.45	16.57	16.50	16.61	18.00
		135	69	16.52	16.57	16.47	16.66	16.38	18.00
		135	138	16.31	16.46	16.57	16.45	16.60	18.00
	DFT-s-OFDM QPSK	270	0	16.59	16.56	16.50	16.35	16.45	18.00
	DFT-s-OFDM 16QAM	1	1	16.33	16.33	16.44	16.63	16.64	18.00
	DFT-s-OFDM 64QAM	1	1	16.49	16.50	16.48	16.67	16.32	18.00
	DFT-s-OFDM 256QAM	1	1	14.96	15.09	15.11	14.82	14.83	16.50
CP-OFDM QPSK	1	1	16.61	16.53	16.61	16.41	16.70	18.00	
CP-OFDM 16QAM	1	1	16.44	16.58	16.46	16.30	16.51	18.00	
CP-OFDM 64QAM	1	1	16.20	16.07	15.91	16.18	15.94	17.50	
CP-OFDM 256QAM	1	1	13.45	13.22	13.40	13.28	13.12	14.50	

N41-ANT5 DS1&2&3&4

Bandwidth (MHz)	Modulation	Channel		500202	509400	518598	527798	537000	Tune-up power(dB)
		RB Size	RB offset	2501.01	2547	2592.99	2638.99	2685	
10	DFT-s-OFDM QPSK	1	1	18.47	18.52	18.65	18.66	18.51	20.00
Bandwidth (MHz)	Modulation	Channel		500700	509650	518598	527548	536496	Tune-up power(dB)
		RB Size	RB offset	2503.5	2548.25	2592.99	2637.74	2682.48	
15	DFT-s-OFDM QPSK	1	1	18.70	18.53	18.60	18.51	18.43	20.00
Bandwidth (MHz)	Modulation	Channel		501204	509904	518598	527298	535998	Tune-up power(dB)
		RB Size	RB offset	2506.02	2549.52	2592.99	2636.49	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.61	18.60	18.39	18.38	18.70	20.00
Bandwidth (MHz)	Modulation	Channel		502200	510398	518598	526798	534996	Tune-up power(dB)
		RB Size	RB offset	2511	2551.99	2592.99	2633.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.56	18.63	18.30	18.48	18.60	20.00
Bandwidth (MHz)	Modulation	Channel		503202	510900	518598	526302	534000	Tune-up power(dB)
		RB Size	RB offset	2516.01	2554.5	2592.99	2631.5	2670	
40	DFT-s-OFDM QPSK	1	1	18.35	18.61	18.57	18.41	18.66	20.00
Bandwidth (MHz)	Modulation	Channel		504204	511404	518598	525798	532998	Tune-up power(dB)
		RB Size	RB offset	2521.02	2557.02	2592.99	2628.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.59	18.68	18.67	18.47	18.44	20.00
Bandwidth (MHz)	Modulation	Channel		505200	511902	518598	525300	531996	Tune-up power(dB)
		RB Size	RB offset	2526	2559.51	2592.99	2626.5	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.62	18.46	18.51	18.46	18.47	20.00
Bandwidth (MHz)	Modulation	Channel		506202	512404	518598	524798	531000	Tune-up power(dB)
		RB Size	RB offset	2531.01	2562.02	2592.99	2623.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.61	18.30	18.55	18.53	18.46	20.00
Bandwidth (MHz)	Modulation	Channel		507204	512904	518598	524298	529998	Tune-up power(dB)
		RB Size	RB offset	2536.02	2564.52	2592.99	2621.49	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.65	18.41	18.68	18.60	18.65	20.00
Bandwidth (MHz)	Modulation	Channel		508200	513402	518598	523800	528996	Tune-up power(dB)
		RB Size	RB offset	2541	2567.01	2592.99	2619	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.38	18.63	18.58	18.42	18.69	20.00
Bandwidth (MHz)	Modulation	Channel		509202	513900	518598	523302	528000	Tune-up power(dB)
		RB Size	RB offset	2546.01	2569.5	2592.99	2616.51	2640	
100	DFT-s-OFDM BPSK	1	1	18.66	18.48	18.32	18.44	18.30	20.00
		1	137	18.70	18.44	18.62	18.60	18.30	20.00
		1	271	18.63	18.54	18.53	18.69	18.60	20.00
	DFT-s-OFDM BPSK	135	0	18.70	18.51	18.67	18.63	18.54	20.00
		135	69	18.55	18.47	18.49	18.62	18.41	20.00
		135	138	18.49	18.32	18.37	18.38	18.48	20.00
	DFT-s-OFDM BPSK	270	0	18.34	18.37	18.66	18.32	18.46	20.00
		1	1	18.50	18.37	18.44	18.46	18.32	20.00
	DFT-s-OFDM QPSK	1	137	18.38	18.45	18.69	18.42	18.33	20.00
		1	271	18.69	18.62	18.62	18.33	18.63	20.00
		135	0	18.63	18.60	18.50	18.33	18.50	20.00
	DFT-s-OFDM QPSK	135	69	18.31	18.43	18.44	18.38	18.61	20.00
		135	138	18.54	18.63	18.39	18.37	18.42	20.00
		270	0	18.65	18.58	18.44	18.44	18.36	20.00
	DFT-s-OFDM 16QAM	1	1	18.68	18.39	18.49	18.30	18.43	20.00
	DFT-s-OFDM 64QAM	1	1	17.07	16.94	17.11	17.01	16.81	18.50
DFT-s-OFDM 256QAM	1	1	15.02	14.87	14.86	14.90	14.99	16.50	
CP-OFDM QPSK	1	1	17.80	17.92	17.96	18.06	17.99	19.50	
CP-OFDM 16QAM	1	1	17.70	17.36	17.70	17.46	17.35	19.00	
CP-OFDM 64QAM	1	1	15.82	16.08	16.14	15.88	15.98	17.50	
CP-OFDM 256QAM	1	1	13.28	13.44	13.22	13.10	13.23	14.50	

8.5.9 NR Band48 Output Power

N48-ANT6 Full power

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	23.01	22.83	22.93	23.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	23.10	22.84	22.73	23.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	23.05	22.96	22.93	23.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	23.09	22.95	22.96	23.50
		1	53	23.02	22.79	22.99	23.50
		1	104	23.07	23.02	23.16	23.50
	DFT-s-OFDM BPSK	50	0	22.32	22.43	22.51	23.50
		50	28	22.76	22.78	22.85	23.50
		50	56	22.18	22.38	22.20	23.50
	DFT-s-OFDM BPSK	100	0	22.35	22.34	22.26	22.50
	DFT-s-OFDM QPSK	1	1	23.06	22.94	22.84	23.50
		1	53	23.19	22.84	22.81	23.50
		1	104	23.11	23.04	23.03	23.50
	DFT-s-OFDM QPSK	50	0	22.18	22.43	22.56	23.50
		50	28	22.63	22.64	22.79	23.50
		50	56	22.01	22.39	22.18	23.50
	DFT-s-OFDM QPSK	100	0	22.23	22.40	22.15	22.50
	DFT-s-OFDM 16QAM	1	1	21.61	21.45	21.28	22.50
	DFT-s-OFDM 64QAM	1	1	20.52	20.46	20.46	21.00
DFT-s-OFDM 256QAM	1	1	18.69	18.50	18.41	19.00	
CP-OFDM QPSK	1	1	21.40	21.39	21.28	22.00	
CP-OFDM 16QAM	1	1	20.76	20.81	20.84	21.50	
CP-OFDM 64QAM	1	1	19.75	19.59	19.69	20.00	
CP-OFDM 256QAM	1	1	16.22	16.37	16.48	17.00	

N48-ANT6 DSI1&5

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	14.97	14.76	14.98	15.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	15.10	14.97	14.71	15.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	14.99	14.85	15.06	15.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	15.14	14.98	15.05	15.50
		1	53	14.91	14.67	14.91	15.50
		1	104	15.02	15.05	15.10	15.50
	DFT-s-OFDM BPSK	50	0	14.87	14.88	15.14	15.50
		50	28	15.32	15.37	15.31	15.50
		50	56	14.66	14.99	14.63	15.50
	DFT-s-OFDM BPSK	100	0	14.76	14.91	14.89	15.50
	DFT-s-OFDM QPSK	1	1	14.95	14.87	14.85	15.50
		1	53	15.09	14.79	14.86	15.50
		1	104	15.23	14.92	15.09	15.50
	DFT-s-OFDM QPSK	50	0	14.73	15.04	15.14	15.50
		50	28	15.10	15.12	15.43	15.50
		50	56	14.64	14.84	14.57	15.50
	DFT-s-OFDM QPSK	100	0	14.71	14.97	14.58	15.50
	DFT-s-OFDM 16QAM	1	1	15.10	14.96	15.09	15.50
	DFT-s-OFDM 64QAM	1	1	15.00	14.88	14.97	15.50
	DFT-s-OFDM 256QAM	1	1	15.10	14.91	14.94	15.50
CP-OFDM QPSK	1	1	14.89	15.00	15.03	15.50	
CP-OFDM 16QAM	1	1	14.94	15.00	15.02	15.50	
CP-OFDM 64QAM	1	1	14.95	14.88	15.09	15.50	
CP-OFDM 256QAM	1	1	14.90	14.93	14.98	15.50	

N48-ANT6 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	18.97	18.84	18.89	19.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	19.16	18.79	18.64	19.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	19.14	18.94	18.89	19.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	18.98	19.09	19.04	19.50
		1	53	18.92	18.67	19.01	19.50
		1	104	19.05	19.04	19.05	19.50
	DFT-s-OFDM BPSK	50	0	18.28	18.36	18.54	19.50
		50	28	18.69	18.76	18.87	19.50
		50	56	18.25	18.50	18.23	19.50
	DFT-s-OFDM BPSK	100	0	18.23	18.36	18.34	19.50
	DFT-s-OFDM QPSK	1	1	18.99	19.02	18.80	19.50
		1	53	19.20	18.86	18.85	19.50
		1	104	19.09	18.99	18.94	19.50
	DFT-s-OFDM QPSK	50	0	18.17	18.48	18.44	19.50
		50	28	18.67	18.57	18.69	19.50
		50	56	17.89	18.35	18.16	19.50
	DFT-s-OFDM QPSK	100	0	18.24	18.37	18.29	19.50
	DFT-s-OFDM 16QAM	1	1	19.08	19.00	19.14	19.50
	DFT-s-OFDM 64QAM	1	1	19.09	19.05	18.90	19.50
DFT-s-OFDM 256QAM	1	1	18.79	18.58	18.54	19.00	
CP-OFDM QPSK	1	1	18.95	18.95	19.09	19.50	
CP-OFDM 16QAM	1	1	19.05	18.92	18.88	19.50	
CP-OFDM 64QAM	1	1	19.12	19.07	19.10	19.50	
CP-OFDM 256QAM	1	1	16.16	16.45	16.36	17.00	

8.5.9 NR Band48 Output Power

N48-ANT7 Full power

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	20.32	19.92	20.26	21.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	20.35	19.95	19.98	21.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	20.35	20.07	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	20.25	20.15	20.25	21.50
		1	53	20.18	20.11	20.31	21.50
		1	104	20.29	20.32	20.39	21.50
	DFT-s-OFDM BPSK	50	0	19.94	19.77	19.91	21.50
		50	28	20.03	20.02	20.06	21.50
		50	56	19.53	19.67	19.58	21.50
	DFT-s-OFDM BPSK	100	0	19.63	19.57	19.54	20.50
	DFT-s-OFDM QPSK	1	1	20.15	20.02	20.06	21.50
		1	53	20.24	20.27	20.17	21.50
		1	104	20.11	20.22	20.47	21.50
	DFT-s-OFDM QPSK	50	0	20.07	19.73	19.78	21.50
		50	28	20.08	19.89	20.14	21.50
		50	56	19.51	19.55	19.66	21.50
	DFT-s-OFDM QPSK	100	0	19.75	19.52	19.61	20.50
	DFT-s-OFDM 16QAM	1	1	19.77	19.65	19.77	20.50
	DFT-s-OFDM 64QAM	1	1	18.20	18.06	18.20	19.00
DFT-s-OFDM 256QAM	1	1	15.71	15.73	15.67	17.00	
CP-OFDM QPSK	1	1	18.54	18.68	18.77	20.00	
CP-OFDM 16QAM	1	1	18.26	18.15	18.14	19.50	
CP-OFDM 64QAM	1	1	16.63	16.70	16.52	18.00	
CP-OFDM 256QAM	1	1	13.61	13.78	13.64	15.00	

N48-ANT7 DSI1&5

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	14.36	13.88	14.35	15.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	14.32	14.04	14.06	15.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	14.47	13.98	13.81	15.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	14.23	14.05	14.28	15.50
		1	53	14.14	14.25	14.25	15.50
		1	104	14.34	14.31	14.40	15.50
	DFT-s-OFDM BPSK	50	0	14.49	14.27	14.50	15.50
		50	28	14.30	14.31	14.17	15.50
		50	56	14.02	14.16	13.99	15.50
	DFT-s-OFDM BPSK	100	0	14.22	14.18	14.02	15.50
	DFT-s-OFDM QPSK	1	1	14.17	13.98	14.12	15.50
		1	53	14.12	14.30	14.12	15.50
		1	104	14.03	14.11	14.55	15.50
	DFT-s-OFDM QPSK	50	0	13.96	13.71	13.82	15.50
		50	28	14.06	13.90	13.94	15.50
		50	56	13.93	13.89	13.88	15.50
	DFT-s-OFDM QPSK	100	0	13.92	13.96	13.92	15.50
	DFT-s-OFDM 16QAM	1	1	14.08	13.90	14.14	15.50
	DFT-s-OFDM 64QAM	1	1	14.06	14.09	14.14	15.50
	DFT-s-OFDM 256QAM	1	1	13.89	13.95	13.93	15.50
CP-OFDM QPSK	1	1	14.02	14.05	14.11	15.50	
CP-OFDM 16QAM	1	1	14.02	14.00	14.05	15.50	
CP-OFDM 64QAM	1	1	14.12	13.96	14.14	15.50	
CP-OFDM 256QAM	1	1	13.97	13.96	13.92	15.00	

N48-ANT7 DSI2&4

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	20.32	19.92	20.26	21.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	20.35	19.95	19.98	21.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	20.35	20.07	19.90	21.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	20.25	20.15	20.25	21.50
		1	53	20.18	20.11	20.31	21.50
		1	104	20.29	20.32	20.39	21.50
	DFT-s-OFDM BPSK	50	0	19.94	19.77	19.91	21.50
		50	28	20.03	20.02	20.06	21.50
		50	56	19.53	19.67	19.58	21.50
	DFT-s-OFDM BPSK	100	0	19.63	19.57	19.54	20.50
	DFT-s-OFDM QPSK	1	1	20.15	20.02	20.06	21.50
		1	53	20.24	20.27	20.17	21.50
		1	104	20.11	20.22	20.47	21.50
	DFT-s-OFDM QPSK	50	0	20.07	19.73	19.78	21.50
		50	28	20.08	19.89	20.14	21.50
		50	56	19.51	19.55	19.66	21.50
	DFT-s-OFDM QPSK	100	0	19.75	19.52	19.61	20.50
	DFT-s-OFDM 16QAM	1	1	19.77	19.65	19.77	20.50
	DFT-s-OFDM 64QAM	1	1	18.20	18.06	18.20	19.00
	DFT-s-OFDM 256QAM	1	1	15.71	15.73	15.67	17.00
CP-OFDM QPSK	1	1	18.54	18.68	18.77	20.00	
CP-OFDM 16QAM	1	1	18.26	18.15	18.14	19.50	
CP-OFDM 64QAM	1	1	16.63	16.70	16.52	18.00	
CP-OFDM 256QAM	1	1	13.61	13.78	13.64	15.00	

N48-ANT7 DSI3

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	18.85	18.55	18.90	20.00
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	18.79	18.57	18.47	20.00
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	18.92	18.67	18.50	20.00
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	18.70	18.54	18.75	20.00
		1	53	18.79	18.60	18.73	20.00
		1	104	18.72	18.90	18.91	20.00
	DFT-s-OFDM BPSK	50	0	18.32	18.29	18.50	20.00
		50	28	18.59	18.60	18.60	20.00
		50	56	18.07	18.22	18.07	20.00
	DFT-s-OFDM BPSK	100	0	18.01	18.00	18.09	20.00
	DFT-s-OFDM QPSK	1	1	18.78	18.65	18.57	20.00
		1	53	18.63	18.71	18.80	20.00
		1	104	18.54	18.76	18.97	20.00
	DFT-s-OFDM QPSK	50	0	18.55	18.37	18.30	20.00
		50	28	18.52	18.47	18.78	20.00
		50	56	18.42	18.59	18.69	20.00
	DFT-s-OFDM QPSK	100	0	18.84	18.52	18.54	20.00
	DFT-s-OFDM 16QAM	1	1	18.80	18.68	18.83	20.00
	DFT-s-OFDM 64QAM	1	1	18.28	18.18	18.10	19.00
	DFT-s-OFDM 256QAM	1	1	15.73	15.61	15.81	17.00
CP-OFDM QPSK	1	1	18.60	18.78	18.77	20.00	
CP-OFDM 16QAM	1	1	18.28	18.15	18.05	19.50	
CP-OFDM 64QAM	1	1	16.62	16.62	16.59	18.00	
CP-OFDM 256QAM	1	1	13.72	13.84	13.69	15.00	

8.5.9 NR Band48 Output Power

N48-ANT8 Full power

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	22.14	22.01	22.19	23.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	22.14	22.29	22.40	23.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	22.04	22.22	22.17	23.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	22.33	22.20	22.26	23.50
		1	53	22.26	22.16	22.24	23.50
		1	104	22.30	22.28	22.31	23.50
	DFT-s-OFDM BPSK	50	0	21.83	21.68	21.79	23.50
		50	28	22.12	22.13	22.03	23.50
		50	56	21.65	21.70	21.71	23.50
	DFT-s-OFDM BPSK	100	0	21.61	21.68	21.58	22.50
	DFT-s-OFDM QPSK	1	1	22.15	22.13	22.27	23.50
		1	53	22.12	22.14	22.36	23.50
		1	104	22.46	22.16	22.21	23.50
	DFT-s-OFDM QPSK	50	0	21.65	21.69	21.77	23.50
		50	28	22.02	21.90	22.19	23.50
		50	56	21.65	21.64	21.79	23.50
	DFT-s-OFDM QPSK	100	0	21.67	21.60	21.45	22.50
	DFT-s-OFDM 16QAM	1	1	21.31	21.18	21.36	22.50
	DFT-s-OFDM 64QAM	1	1	19.96	20.07	19.90	21.00
DFT-s-OFDM 256QAM	1	1	17.84	17.98	17.83	19.00	
CP-OFDM QPSK	1	1	21.84	21.89	21.86	22.00	
CP-OFDM 16QAM	1	1	21.42	21.23	21.42	21.50	
CP-OFDM 64QAM	1	1	20.01	20.12	20.32	20.50	
CP-OFDM 256QAM	1	1	17.73	17.86	17.84	18.00	

N48-ANT8 DS11&2&3&4&5

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	22.14	22.01	22.19	23.50
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	22.14	22.29	22.40	23.50
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	22.04	22.22	22.17	23.50
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	22.33	22.20	22.26	23.50
		1	53	22.26	22.16	22.24	23.50
		1	104	22.30	22.28	22.31	23.50
	DFT-s-OFDM BPSK	50	0	21.83	21.68	21.79	23.50
		50	28	22.12	22.13	22.03	23.50
		50	56	21.65	21.70	21.71	23.50
	DFT-s-OFDM BPSK	100	0	21.61	21.68	21.58	22.50
	DFT-s-OFDM QPSK	1	1	22.15	22.13	22.27	23.50
		1	53	22.12	22.14	22.36	23.50
		1	104	22.46	22.16	22.21	23.50
	DFT-s-OFDM QPSK	50	0	21.65	21.69	21.77	23.50
		50	28	22.02	21.90	22.19	23.50
		50	56	21.65	21.64	21.79	23.50
	DFT-s-OFDM QPSK	100	0	21.67	21.60	21.45	22.50
	DFT-s-OFDM 16QAM	1	1	21.31	21.18	21.36	22.50
	DFT-s-OFDM 64QAM	1	1	19.96	20.07	19.90	21.00
DFT-s-OFDM 256QAM	1	1	17.84	17.98	17.83	19.00	
CP-OFDM QPSK	1	1	21.84	21.89	21.86	22.00	
CP-OFDM 16QAM	1	1	21.42	21.23	21.42	21.50	
CP-OFDM 64QAM	1	1	20.01	20.12	20.32	20.50	
CP-OFDM 256QAM	1	1	17.73	17.86	17.84	18.00	

8.5.9 NR Band48 Output Power

N48-ANT9 Full power

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	19.92	19.53	19.51	21.00
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	20.18	19.83	19.60	21.00
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	20.02	19.73	19.42	21.00
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	19.97	19.76	19.63	21.00
		1	53	19.80	19.60	19.56	21.00
		1	104	19.68	19.32	19.33	21.00
	DFT-s-OFDM BPSK	50	0	19.31	19.25	19.27	21.00
		50	28	19.59	19.41	19.24	21.00
		50	56	19.14	19.05	19.22	21.00
	DFT-s-OFDM BPSK	100	0	18.87	18.76	18.71	20.00
		1	1	20.06	19.65	19.47	21.00
		1	53	19.87	19.45	19.46	21.00
	DFT-s-OFDM QPSK	1	104	19.54	19.40	19.48	21.00
		50	0	19.33	19.41	19.39	21.00
		50	28	19.75	19.25	19.35	21.00
	DFT-s-OFDM QPSK	50	56	19.06	19.06	19.38	21.00
		100	0	18.71	18.63	18.76	20.00
		1	1	18.19	18.23	18.08	20.00
	DFT-s-OFDM 16QAM	1	1	17.54	17.39	17.26	18.50
	DFT-s-OFDM 64QAM	1	1	15.29	15.43	15.49	16.50
CP-OFDM QPSK	1	1	18.26	18.24	18.09	19.50	
CP-OFDM 16QAM	1	1	17.27	17.46	17.63	19.00	
CP-OFDM 64QAM	1	1	15.93	15.97	16.10	17.50	
CP-OFDM 256QAM	1	1	13.30	13.26	13.37	14.50	

N48-ANT9 DSI1&5

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	14.81	14.58	14.43	16.00
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	15.21	14.93	14.63	16.00
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	14.94	14.69	14.36	16.00
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	15.08	14.72	14.74	16.00
		1	53	14.92	14.48	14.68	16.00
		1	104	14.79	14.43	14.28	16.00
	DFT-s-OFDM BPSK	50	0	14.19	14.23	14.41	16.00
		50	28	14.92	14.49	14.23	16.00
		50	56	14.19	14.19	14.15	16.00
	DFT-s-OFDM BPSK	100	0	14.33	14.34	14.09	16.00
		1	1	15.14	14.62	14.54	16.00
		1	53	14.93	14.50	14.53	16.00
	DFT-s-OFDM QPSK	1	104	14.55	14.43	14.39	16.00
		50	0	14.34	14.36	14.37	16.00
		50	28	14.76	14.28	14.40	16.00
	DFT-s-OFDM QPSK	50	56	14.07	14.09	14.45	16.00
		100	0	14.10	14.27	14.40	16.00
		1	1	14.64	14.42	14.53	16.00
	DFT-s-OFDM 16QAM	1	1	14.64	14.42	14.53	16.00
	DFT-s-OFDM 64QAM	1	1	14.94	15.03	14.75	16.00
DFT-s-OFDM 256QAM	1	1	14.72	14.90	15.00	16.00	
CP-OFDM QPSK	1	1	14.43	14.54	14.53	16.00	
CP-OFDM 16QAM	1	1	14.26	14.39	14.74	16.00	
CP-OFDM 64QAM	1	1	14.53	14.49	14.60	16.00	
CP-OFDM 256QAM	1	1	13.18	13.19	13.42	14.50	

N48-ANT9 DSI2&3&4

Bandwidth (MHz)	Modulation	Channel		63700	641666	646332	Tune-up power(dB)
		RB Size	RB offset	3555	3624.99	3694.98	
10	DFT-s-OFDM QPSK	1	1	19.92	19.53	19.51	21.00
Bandwidth (MHz)	Modulation	Channel		637334	641666	646000	Tune-up power(dB)
		RB Size	RB offset	3560.01	3624.99	3690	
20	DFT-s-OFDM QPSK	1	1	20.18	19.83	19.60	21.00
Bandwidth (MHz)	Modulation	Channel		637668	641666	645666	Tune-up power(dB)
		RB Size	RB offset	3565.02	3624.99	3684.99	
30	DFT-s-OFDM QPSK	1	1	20.02	19.73	19.42	21.00
Bandwidth (MHz)	Modulation	Channel		638000	641666	645332	Tune-up power(dB)
		RB Size	RB offset	3570	3624.99	3679.98	
40	DFT-s-OFDM BPSK	1	1	19.97	19.76	19.63	21.00
		1	53	19.80	19.60	19.56	21.00
		1	104	19.68	19.32	19.33	21.00
	DFT-s-OFDM BPSK	50	0	19.31	19.25	19.27	21.00
		50	28	19.59	19.41	19.24	21.00
		50	56	19.14	19.05	19.22	21.00
	DFT-s-OFDM BPSK	100	0	18.87	18.76	18.71	20.00
		1	1	20.06	19.65	19.47	21.00
		1	53	19.87	19.45	19.46	21.00
	DFT-s-OFDM QPSK	1	104	19.54	19.40	19.48	21.00
		50	0	19.33	19.41	19.39	21.00
		50	28	19.75	19.25	19.35	21.00
	DFT-s-OFDM QPSK	50	56	19.06	19.06	19.38	21.00
		100	0	18.71	18.63	18.76	20.00
		1	1	18.19	18.23	18.08	20.00
	DFT-s-OFDM 16QAM	1	1	17.54	17.39	17.26	18.50
	DFT-s-OFDM 64QAM	1	1	15.29	15.43	15.49	16.50
CP-OFDM QPSK	1	1	18.26	18.24	18.09	19.50	
CP-OFDM 16QAM	1	1	17.27	17.46	17.63	19.00	
CP-OFDM 64QAM	1	1	15.93	15.97	16.10	17.50	
CP-OFDM 256QAM	1	1	13.30	13.26	13.37	14.50	

8.5.10 NR Band77 Output Power

N77-ANT6 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	27.44	27.47	27.32	28.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	27.41	27.60	27.03	28.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	27.54	27.16	27.18	28.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	27.17	26.75	26.85	28.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	27.37	27.31	27.29	28.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	27.46	27.51	27.17	28.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	27.58	27.23	27.21	28.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	27.39	27.35	27.28	28.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	27.45	27.32	27.03	28.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	27.65	27.34	27.24	28.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	27.41	27.29	27.08	28.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	27.35	27.40	27.12	28.50
		1	137	27.30	27.46	27.23	28.50
		1	271	27.20	27.18	27.08	28.50
	DFT-s-OFDM BPSK	135	0	27.08	26.89	26.94	28.50
		135	69	27.47	27.36	27.43	28.50
		135	138	26.66	26.82	27.01	28.50
	DFT-s-OFDM BPSK	270	0	26.71	26.85	27.05	27.50
	DFT-s-OFDM QPSK	1	1	27.54	27.36	27.18	28.50
		1	137	27.21	27.50	27.22	28.50
		1	271	27.36	27.02	26.98	28.50
	DFT-s-OFDM QPSK	135	0	27.22	26.74	26.98	28.50
		135	69	27.35	27.12	27.23	28.50
		135	138	26.70	26.93	27.04	28.50
	DFT-s-OFDM QPSK	270	0	26.75	26.84	27.16	27.50
	DFT-s-OFDM 16QAM	1	1	26.33	26.19	26.08	27.50
	DFT-s-OFDM 64QAM	1	1	24.72	24.92	24.74	26.00
DFT-s-OFDM 256QAM	1	1	22.94	23.02	22.84	24.00	
CP-OFDM QPSK	1	1	25.82	25.64	25.48	27.00	
CP-OFDM 16QAM	1	1	24.93	25.10	25.25	26.50	
CP-OFDM 64QAM	1	1	23.41	23.61	23.52	25.00	
CP-OFDM 256QAM	1	1	20.39	20.31	20.45	22.00	

N77-ANT6 DS11&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.44	16.47	16.37	17.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.42	16.57	16.04	17.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.46	16.27	16.21	17.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.08	15.89	15.77	17.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.41	16.25	16.30	17.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.43	16.55	16.17	17.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.57	16.24	16.20	17.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.49	16.31	16.36	17.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.56	16.32	16.07	17.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.77	16.34	16.36	17.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.37	16.31	16.15	17.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.33	16.31	16.23	17.50
		1	137	16.35	16.56	16.35	17.50
		1	271	16.27	16.29	16.21	17.50
	DFT-s-OFDM BPSK	135	0	16.14	15.85	16.04	17.50
		135	69	16.41	16.30	16.38	17.50
		135	138	16.14	16.15	16.23	17.50
	DFT-s-OFDM BPSK	270	0	16.27	16.24	16.22	17.50
	DFT-s-OFDM QPSK	1	1	16.21	16.04	16.21	17.50
		1	137	16.16	16.29	16.11	17.50
		1	271	16.27	16.21	16.23	17.50
	DFT-s-OFDM QPSK	135	0	16.04	16.05	16.04	17.50
		135	69	16.32	16.21	16.01	17.50
		135	138	16.08	16.39	16.32	17.50
	DFT-s-OFDM QPSK	270	0	16.37	16.07	16.15	17.50
	DFT-s-OFDM 16QAM	1	1	16.16	16.27	16.10	17.50
	DFT-s-OFDM 64QAM	1	1	16.36	16.30	16.32	17.50
DFT-s-OFDM 256QAM	1	1	16.33	16.04	16.12	17.50	
CP-OFDM QPSK	1	1	16.01	16.16	16.41	17.50	
CP-OFDM 16QAM	1	1	16.16	16.32	16.09	17.50	
CP-OFDM 64QAM	1	1	16.04	16.17	16.35	17.50	
CP-OFDM 256QAM	1	1	16.32	16.20	16.17	17.50	

N77-ANT6 DS12&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.06	19.04	18.83	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.93	19.04	18.56	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.15	18.76	18.67	20.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.77	18.18	18.43	20.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.87	18.87	18.82	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.00	18.95	18.80	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.18	18.74	18.76	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.98	18.92	18.83	20.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	19.00	18.88	18.50	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.17	18.98	18.84	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.97	18.82	18.67	20.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.80	18.90	18.64	20.00
		1	137	18.80	18.90	18.80	20.00
		1	271	18.73	18.70	18.62	20.00
	DFT-s-OFDM BPSK	135	0	18.51	18.44	18.53	20.00
		135	69	18.88	18.77	18.90	20.00
		135	138	18.65	18.87	18.55	20.00
	DFT-s-OFDM BPSK	270	0	18.53	18.55	18.57	20.00
	DFT-s-OFDM QPSK	1	1	18.63	18.72	18.86	20.00
		1	137	18.68	18.76	18.85	20.00
		1	271	18.53	18.75	18.66	20.00
	DFT-s-OFDM QPSK	135	0	18.56	18.81	18.81	20.00
		135	69	18.61	18.81	18.70	20.00
		135	138	18.75	18.72	18.55	20.00
	DFT-s-OFDM QPSK	270	0	18.61	18.90	18.73	20.00
	DFT-s-OFDM 16QAM	1	1	18.65	18.56	18.71	20.00
	DFT-s-OFDM 64QAM	1	1	18.57	18.75	18.81	20.00
DFT-s-OFDM 256QAM	1	1	18.89	18.91	18.64	20.00	
CP-OFDM QPSK	1	1	18.72	18.55	18.73	20.00	
CP-OFDM 16QAM	1	1	18.69	18.64	18.78	20.00	
CP-OFDM 64QAM	1	1	18.83	18.51	18.86	20.00	
CP-OFDM 256QAM	1	1	18.58	18.72	18.77	20.00	

8.5.10 NR Band77 Output Power

N77-ANT7 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	24.13	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.78	24.25	24.03	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.84	23.52	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	23.06	23.41	23.42	24.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	23.94	23.28	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.95	23.37	23.96	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.86	23.39	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.87	23.23	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	24.10	23.45	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	24.00	23.54	23.83	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.87	23.22	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.86	24.13	23.85	24.50
		1	137	23.54	23.62	23.01	24.50
		1	271	23.40	23.56	22.98	24.50
	DFT-s-OFDM BPSK	135	0	22.98	23.12	23.27	24.50
		135	69	22.78	22.78	22.77	24.50
		135	138	22.81	22.67	22.82	24.50
	DFT-s-OFDM BPSK	270	0	23.23	23.41	23.58	24.50
		1	1	23.97	23.41	23.92	24.50
	DFT-s-OFDM QPSK	1	137	23.73	23.67	23.03	24.50
		1	271	23.53	23.46	23.09	24.50
		135	0	23.13	23.25	23.31	24.50
	DFT-s-OFDM QPSK	135	69	22.72	23.04	22.76	24.50
		135	138	22.81	22.67	22.88	24.50
		270	0	23.38	23.27	23.62	24.50
	DFT-s-OFDM 16QAM	1	1	23.75	23.58	23.48	24.50
	DFT-s-OFDM 64QAM	1	1	22.35	22.23	22.11	23.00
DFT-s-OFDM 256QAM	1	1	20.09	20.28	20.39	21.00	
CP-OFDM QPSK	1	1	22.24	22.34	22.44	23.00	
CP-OFDM 16QAM	1	1	22.02	22.01	22.08	22.50	
CP-OFDM 64QAM	1	1	20.32	20.45	20.55	21.00	
CP-OFDM 256QAM	1	1	17.70	17.67	17.79	18.00	

N77-ANT7 DS11&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.51	13.56	13.40	14.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.35	13.69	13.61	14.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	13.28	12.98	13.35	14.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	12.61	12.98	13.04	14.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	13.45	12.70	13.34	14.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.58	12.86	13.60	14.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	13.42	12.93	13.37	14.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	13.42	12.65	13.44	14.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.74	13.05	13.24	14.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.62	13.04	13.43	14.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.40	12.82	13.46	14.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	13.45	13.63	13.29	14.00
		1	137	13.08	13.13	12.61	14.00
		1	271	12.85	13.00	12.49	14.00
	DFT-s-OFDM BPSK	135	0	12.58	12.76	12.83	14.00
		135	69	12.23	12.38	12.26	14.00
		135	138	13.29	13.46	13.61	14.00
	DFT-s-OFDM BPSK	270	0	13.27	13.41	13.59	14.00
		1	1	13.29	13.32	13.57	14.00
	DFT-s-OFDM QPSK	1	137	13.56	13.56	13.42	14.00
		1	271	13.52	13.34	13.56	14.00
		135	0	13.23	13.38	13.47	14.00
	DFT-s-OFDM QPSK	135	69	13.32	13.56	13.44	14.00
		135	138	13.58	13.45	13.25	14.00
		270	0	13.30	13.60	13.27	14.00
	DFT-s-OFDM QPSK	270	0	13.30	13.60	13.27	14.00
	DFT-s-OFDM 16QAM	1	1	13.37	13.55	13.58	14.00
DFT-s-OFDM 64QAM	1	1	13.43	13.42	13.34	14.00	
DFT-s-OFDM 256QAM	1	1	13.42	13.46	13.36	14.00	
CP-OFDM QPSK	1	1	13.53	13.22	13.39	14.00	
CP-OFDM 16QAM	1	1	13.53	13.55	13.32	14.00	
CP-OFDM 64QAM	1	1	13.22	13.60	13.41	14.00	
CP-OFDM 256QAM	1	1	13.61	13.52	13.45	14.00	

N77-ANT7 DSI2&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	24.13	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.78	24.25	24.03	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.84	23.52	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	23.06	23.41	23.42	24.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	23.94	23.28	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.95	23.37	23.96	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.86	23.39	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.87	23.23	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	24.10	23.45	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	24.00	23.54	23.83	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.87	23.22	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.86	24.13	23.85	24.50
		1	137	23.54	23.62	23.01	24.50
		1	271	23.40	23.56	22.98	24.50
	DFT-s-OFDM BPSK	135	0	22.98	23.12	23.27	24.50
		135	69	22.78	22.78	22.77	24.50
		135	138	22.81	22.67	22.82	24.50
	DFT-s-OFDM BPSK	270	0	23.23	23.41	23.58	24.50
		1	1	23.97	23.41	23.92	24.50
	DFT-s-OFDM QPSK	1	137	23.73	23.67	23.03	24.50
		1	271	23.53	23.46	23.09	24.50
		135	0	23.13	23.25	23.31	24.50
	DFT-s-OFDM QPSK	135	69	22.72	23.04	22.76	24.50
		135	138	22.81	22.67	22.88	24.50
		270	0	23.38	23.27	23.62	24.50
	DFT-s-OFDM 16QAM	1	1	23.75	23.58	23.48	24.50
	DFT-s-OFDM 64QAM	1	1	22.35	22.23	22.11	23.00
DFT-s-OFDM 256QAM	1	1	20.09	20.28	20.39	21.00	
CP-OFDM QPSK	1	1	22.24	22.34	22.44	23.00	
CP-OFDM 16QAM	1	1	22.02	22.01	22.08	22.50	
CP-OFDM 64QAM	1	1	20.32	20.45	20.55	21.00	
CP-OFDM 256QAM	1	1	17.70	17.67	17.79	18.00	

N77-ANT7 DSI3(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.64	16.74	16.24	17.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.40	16.66	16.50	17.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.33	16.04	16.33	17.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	15.47	15.82	15.84	17.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.46	15.89	16.27	17.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.41	15.92	16.42	17.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.30	15.98	16.32	17.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.31	15.76	16.44	17.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.67	15.96	16.38	17.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.53	16.06	16.38	17.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.38	15.64	16.61	17.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.42	16.60	16.28	17.00
		1	137	15.98	16.25	15.49	17.00
		1	271	15.93	16.10	15.48	17.00
	DFT-s-OFDM BPSK	135	0	15.59	15.71	15.86	17.00
		135	69	15.19	15.39	15.24	17.00
		135	138	16.22	16.38	16.54	17.00
	DFT-s-OFDM BPSK	270	0	16.55	16.40	16.44	17.00
	DFT-s-OFDM QPSK	1	1	16.22	16.37	16.46	17.00
		1	137	16.61	16.24	16.55	17.00
		1	271	16.26	16.24	16.48	17.00
	DFT-s-OFDM QPSK	135	0	16.23	16.33	16.29	17.00
		135	69	16.21	16.45	16.51	17.00
		135	138	16.43	16.52	16.48	17.00
	DFT-s-OFDM QPSK	270	0	16.50	16.53	16.25	17.00
	DFT-s-OFDM 16QAM	1	1	16.53	16.42	16.51	17.00
	DFT-s-OFDM 64QAM	1	1	16.23	16.46	16.57	17.00
DFT-s-OFDM 256QAM	1	1	16.55	16.27	16.60	17.00	
CP-OFDM QPSK	1	1	16.46	16.58	16.53	17.00	
CP-OFDM 16QAM	1	1	16.37	16.32	16.33	17.00	
CP-OFDM 64QAM	1	1	16.28	16.46	16.25	17.00	
CP-OFDM 256QAM	1	1	16.51	16.28	16.28	17.00	

8.5.10 NR Band77 Output Power

N77-ANT8 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	26.29	26.51	26.38	28.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	26.53	26.40	26.31	28.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	26.50	26.14	26.31	28.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	26.34	26.47	26.33	28.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	26.37	26.24	26.27	28.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	26.45	26.04	26.11	28.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.42	26.12	26.17	28.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.31	26.06	26.34	28.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	26.30	26.04	26.45	28.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.47	26.23	26.05	28.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.49	26.15	26.09	28.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	26.34	26.46	26.30	28.00
		1	137	26.12	26.40	26.39	28.00
		1	271	26.22	26.23	26.27	28.00
	DFT-s-OFDM BPSK	135	0	26.24	26.20	26.40	28.00
		135	69	26.32	26.33	26.19	28.00
		135	138	26.30	26.26	26.41	28.00
	DFT-s-OFDM BPSK	270	0	26.00	25.86	25.78	27.00
		1	1	26.45	26.05	26.25	28.00
	DFT-s-OFDM QPSK	1	137	26.05	26.24	26.32	28.00
		1	271	26.20	26.20	26.21	28.00
		135	0	26.22	26.33	26.37	28.00
	DFT-s-OFDM QPSK	135	69	26.29	26.08	26.15	28.00
		135	138	26.45	26.09	26.25	28.00
		270	0	25.94	25.91	25.67	27.00
	DFT-s-OFDM 16QAM	1	1	25.59	25.64	25.49	27.00
	DFT-s-OFDM 64QAM	1	1	24.22	24.34	24.42	25.50
DFT-s-OFDM 256QAM	1	1	21.85	21.98	21.83	23.50	
CP-OFDM QPSK	1	1	24.88	25.02	24.82	26.50	
CP-OFDM 16QAM	1	1	24.48	24.32	24.50	26.00	
CP-OFDM 64QAM	1	1	22.73	22.75	22.90	24.50	
CP-OFDM 256QAM	1	1	19.58	19.67	19.58	21.50	

N77-ANT8 DSI1(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.72	21.11	20.84	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.94	21.03	20.81	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.01	20.58	20.86	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.97	20.88	20.76	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	20.95	20.88	20.79	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.89	20.65	20.75	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.98	20.75	20.69	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.79	20.58	20.81	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	20.71	20.66	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.04	20.78	20.52	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.95	20.76	20.51	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	20.82	20.96	20.73	22.50
		1	137	20.62	20.85	20.80	22.50
		1	271	20.64	20.87	20.73	22.50
	DFT-s-OFDM BPSK	135	0	20.69	20.78	20.82	22.50
		135	69	20.94	20.77	20.67	22.50
		135	138	20.72	20.74	20.82	22.50
	DFT-s-OFDM BPSK	270	0	20.86	20.74	20.71	22.50
		1	1	20.78	20.95	20.75	22.50
	DFT-s-OFDM QPSK	1	137	20.95	20.75	20.85	22.50
		1	271	20.72	20.73	20.78	22.50
		135	0	20.62	20.94	20.74	22.50
	DFT-s-OFDM QPSK	135	69	20.65	20.81	20.61	22.50
		135	138	20.91	20.96	20.96	22.50
		270	0	20.68	20.76	20.88	22.50
	DFT-s-OFDM QPSK	270	0	20.68	20.76	20.88	22.50
	DFT-s-OFDM 16QAM	1	1	20.94	20.93	20.95	22.50
DFT-s-OFDM 64QAM	1	1	20.80	20.71	20.79	22.50	
DFT-s-OFDM 256QAM	1	1	20.96	20.62	20.73	22.50	
CP-OFDM QPSK	1	1	20.87	20.96	20.70	22.50	
CP-OFDM 16QAM	1	1	20.66	20.91	20.77	22.50	
CP-OFDM 64QAM	1	1	20.89	20.74	20.69	22.50	
CP-OFDM 256QAM	1	1	19.55	19.64	19.51	21.50	

N77-ANT8 DSI2&3&4&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.32	18.75	18.39	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.60	18.64	18.29	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.61	18.06	18.31	20.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.44	18.44	18.47	20.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.51	18.39	18.36	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.41	18.07	18.27	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.41	18.23	18.19	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.35	18.08	18.30	20.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.40	18.27	18.56	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.38	18.24	18.02	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.66	18.29	18.31	20.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.39	18.65	18.27	20.00
		1	137	18.16	18.49	18.54	20.00
		1	271	18.17	18.34	18.47	20.00
	DFT-s-OFDM BPSK	135	0	18.15	18.19	18.33	20.00
		135	69	18.31	18.27	18.15	20.00
		135	138	18.31	18.42	18.65	20.00
	DFT-s-OFDM BPSK	270	0	18.44	18.55	18.60	20.00
	DFT-s-OFDM QPSK	1	1	18.31	18.21	18.45	20.00
		1	137	18.34	18.26	18.36	20.00
		1	271	18.44	18.59	18.41	20.00
	DFT-s-OFDM QPSK	135	0	18.49	18.54	18.40	20.00
		135	69	18.55	18.24	18.57	20.00
		135	138	18.41	18.48	18.60	20.00
	DFT-s-OFDM QPSK	270	0	18.37	18.25	18.29	20.00
	DFT-s-OFDM 16QAM	1	1	18.55	18.22	18.54	20.00
	DFT-s-OFDM 64QAM	1	1	18.22	18.31	18.37	20.00
DFT-s-OFDM 256QAM	1	1	18.30	18.30	18.36	20.00	
CP-OFDM QPSK	1	1	18.21	18.53	18.54	20.00	
CP-OFDM 16QAM	1	1	18.48	18.21	18.51	20.00	
CP-OFDM 64QAM	1	1	18.46	18.57	18.30	20.00	
CP-OFDM 256QAM	1	1	18.35	18.53	18.57	20.00	

8.5.10 NR Band77 Output Power

N77-ANT9 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	23.78	23.64	23.64	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.43	23.57	23.30	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.73	23.58	23.25	24.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	23.20	23.26	23.52	24.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	23.82	23.42	23.45	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.79	23.54	23.46	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.82	23.50	23.70	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.41	23.29	23.55	24.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	23.75	23.49	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.66	23.46	23.24	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.52	23.43	23.50	24.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.51	23.93	23.56	24.50
		1	137	23.17	23.28	22.73	24.50
		1	271	23.03	23.30	22.81	24.50
	DFT-s-OFDM BPSK	135	0	22.64	22.65	22.57	24.50
		135	69	22.86	23.08	22.86	24.50
		135	138	22.61	22.65	22.68	24.50
	DFT-s-OFDM BPSK	270	0	23.13	23.15	23.08	23.50
	DFT-s-OFDM QPSK	1	1	23.67	23.38	23.32	24.50
		1	137	22.99	23.25	22.77	24.50
		1	271	22.89	22.95	22.89	24.50
	DFT-s-OFDM QPSK	135	0	22.67	22.58	22.92	24.50
		135	69	23.00	23.17	22.81	24.50
		135	138	22.50	22.57	22.66	24.50
	DFT-s-OFDM QPSK	270	0	22.82	22.81	22.85	23.50
	DFT-s-OFDM 16QAM	1	1	22.70	22.58	22.49	23.50
	DFT-s-OFDM 64QAM	1	1	21.27	21.38	21.25	22.00
DFT-s-OFDM 256QAM	1	1	19.85	19.86	19.67	20.00	
CP-OFDM QPSK	1	1	22.12	22.05	22.05	23.00	
CP-OFDM 16QAM	1	1	21.19	21.31	21.14	22.50	
CP-OFDM 64QAM	1	1	19.57	19.46	19.46	21.00	
CP-OFDM 256QAM	1	1	17.74	17.56	17.54	18.00	

N77-ANT9 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.41	19.11	19.07	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.00	19.08	18.82	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.27	19.10	18.66	20.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.78	18.82	19.08	20.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	19.40	18.84	19.01	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.31	18.96	19.09	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.35	18.99	19.31	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.03	18.80	19.10	20.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	19.29	19.10	19.25	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.24	18.98	18.81	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.98	18.88	19.13	20.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.95	19.45	19.17	20.00
		1	137	18.62	18.71	18.18	20.00
		1	271	18.58	18.71	18.36	20.00
	DFT-s-OFDM BPSK	135	0	18.11	18.13	18.07	20.00
		135	69	18.35	18.69	18.39	20.00
		135	138	18.10	18.26	18.29	20.00
	DFT-s-OFDM BPSK	270	0	19.01	18.97	18.85	20.00
	DFT-s-OFDM QPSK	1	1	18.66	18.93	18.81	20.00
		1	137	18.80	18.69	18.68	20.00
		1	271	18.78	18.72	18.62	20.00
	DFT-s-OFDM QPSK	135	0	18.81	18.64	19.01	20.00
		135	69	18.77	18.72	18.88	20.00
		135	138	18.64	19.00	18.82	20.00
	DFT-s-OFDM QPSK	270	0	18.92	18.76	18.97	20.00
	DFT-s-OFDM 16QAM	1	1	18.90	18.85	18.95	20.00
	DFT-s-OFDM 64QAM	1	1	18.79	18.92	18.62	20.00
DFT-s-OFDM 256QAM	1	1	18.66	18.92	18.90	20.00	
CP-OFDM QPSK	1	1	18.66	18.99	18.99	20.00	
CP-OFDM 16QAM	1	1	18.67	18.88	18.75	20.00	
CP-OFDM 64QAM	1	1	19.22	18.78	19.15	20.00	
CP-OFDM 256QAM	1	1	17.75	17.61	17.61	18.00	

N77-ANT9 DS1&2&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	20.73	20.56	20.75	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	20.36	20.71	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.76	20.55	20.21	21.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.18	20.28	20.65	21.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	20.90	20.47	20.49	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.72	20.64	20.55	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	20.80	20.48	20.75	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.36	20.36	20.58	21.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	20.88	20.45	20.76	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.80	20.42	20.34	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.48	20.44	20.48	21.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	20.49	20.88	20.59	21.50
		1	137	20.09	20.39	19.81	21.50
		1	271	20.01	20.39	19.84	21.50
	DFT-s-OFDM BPSK	135	0	19.84	19.86	19.89	21.50
		135	69	20.11	20.39	20.07	21.50
		135	138	19.89	19.77	19.96	21.50
	DFT-s-OFDM BPSK	270	0	20.42	20.46	20.38	21.50
	DFT-s-OFDM QPSK	1	1	20.45	20.59	20.53	21.50
		1	137	20.32	20.41	20.57	21.50
		1	271	20.51	20.53	20.70	21.50
	DFT-s-OFDM QPSK	135	0	20.69	20.60	20.65	21.50
		135	69	20.61	20.43	20.44	21.50
		135	138	20.64	20.63	20.54	21.50
	DFT-s-OFDM QPSK	270	0	20.41	20.36	20.48	21.50
	DFT-s-OFDM 16QAM	1	1	20.42	20.48	20.57	21.50
	DFT-s-OFDM 64QAM	1	1	20.58	20.71	20.49	21.50
DFT-s-OFDM 256QAM	1	1	19.86	19.98	19.82	20.00	
CP-OFDM QPSK	1	1	20.50	20.33	20.40	21.50	
CP-OFDM 16QAM	1	1	20.59	20.34	20.55	21.50	
CP-OFDM 64QAM	1	1	19.56	19.50	19.56	21.00	
CP-OFDM 256QAM	1	1	17.72	17.64	17.57	18.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT6 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	27.44	27.47	27.32	28.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	27.41	27.60	27.03	28.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	27.54	27.16	27.18	28.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	27.17	26.75	26.85	28.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	27.37	27.31	27.29	28.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	27.46	27.51	27.17	28.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	27.58	27.23	27.21	28.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	27.39	27.35	27.28	28.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	27.45	27.32	27.03	28.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	27.65	27.34	27.24	28.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	27.41	27.29	27.08	28.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	27.35	27.40	27.12	28.50
		1	137	27.30	27.46	27.23	28.50
		1	271	27.20	27.18	27.08	28.50
	DFT-s-OFDM BPSK	135	0	27.08	26.89	26.94	28.50
		135	69	27.47	27.36	27.43	28.50
		135	138	26.66	26.82	27.01	28.50
	DFT-s-OFDM BPSK	270	0	26.71	26.85	27.05	27.50
	DFT-s-OFDM QPSK	1	1	27.54	27.36	27.18	28.50
		1	137	27.21	27.50	27.22	28.50
		1	271	27.36	27.02	26.98	28.50
	DFT-s-OFDM QPSK	135	0	27.22	26.74	26.98	28.50
		135	69	27.35	27.12	27.23	28.50
		135	138	26.70	26.93	27.04	28.50
	DFT-s-OFDM QPSK	270	0	26.75	26.84	27.16	27.50
	DFT-s-OFDM 16QAM	1	1	26.33	26.19	26.08	27.50
	DFT-s-OFDM 64QAM	1	1	24.72	24.92	24.74	26.00
	DFT-s-OFDM 256QAM	1	1	22.94	23.02	22.84	24.00
CP-OFDM QPSK	1	1	25.82	25.64	25.48	27.00	
CP-OFDM 16QAM	1	1	24.93	25.10	25.25	26.50	
CP-OFDM 64QAM	1	1	23.41	23.61	23.52	25.00	
CP-OFDM 256QAM	1	1	20.39	20.31	20.45	22.00	

N77-ANT6 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.44	13.47	13.37	14.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.42	13.57	13.04	14.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	13.46	13.27	13.21	14.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	13.08	12.89	12.77	14.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	13.41	13.25	13.30	14.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.43	13.55	13.17	14.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	13.57	13.24	13.20	14.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	13.49	13.31	13.36	14.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.56	13.32	13.07	14.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.77	13.34	13.36	14.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.37	13.31	13.15	14.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	13.33	13.31	13.23	14.50
		1	137	13.35	13.56	13.35	14.50
		1	271	13.27	13.29	13.21	14.50
	DFT-s-OFDM BPSK	135	0	13.14	12.85	13.04	14.50
		135	69	13.41	13.30	13.38	14.50
		135	138	13.14	13.15	13.23	14.50
	DFT-s-OFDM BPSK	270	0	13.27	13.24	13.22	14.50
	DFT-s-OFDM QPSK	1	1	13.21	13.04	13.21	14.50
		1	137	13.16	13.29	13.11	14.50
		1	271	13.27	13.21	13.23	14.50
	DFT-s-OFDM QPSK	135	0	13.04	13.05	13.04	14.50
		135	69	13.32	13.21	13.01	14.50
		135	138	13.08	13.39	13.32	14.50
	DFT-s-OFDM QPSK	270	0	13.37	13.07	13.15	14.50
	DFT-s-OFDM 16QAM	1	1	13.16	13.27	13.10	14.50
	DFT-s-OFDM 64QAM	1	1	13.36	13.30	13.32	14.50
DFT-s-OFDM 256QAM	1	1	13.33	13.04	13.12	14.50	
CP-OFDM QPSK	1	1	13.01	13.16	13.41	14.50	
CP-OFDM 16QAM	1	1	13.16	13.32	13.09	14.50	
CP-OFDM 64QAM	1	1	13.04	13.17	13.35	14.50	
CP-OFDM 256QAM	1	1	13.32	13.20	13.17	14.50	

N77-ANT6 DSI2&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.56	16.54	16.33	17.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.43	16.54	16.06	17.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.65	16.26	16.17	17.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.27	15.68	15.93	17.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.37	16.37	16.32	17.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.50	16.45	16.30	17.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.68	16.24	16.26	17.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.48	16.42	16.33	17.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.50	16.38	16.00	17.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.67	16.48	16.34	17.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.47	16.32	16.17	17.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.30	16.40	16.14	17.50
		1	137	16.30	16.40	16.30	17.50
		1	271	16.23	16.20	16.12	17.50
	DFT-s-OFDM BPSK	135	0	16.01	15.94	16.03	17.50
		135	69	16.38	16.27	16.40	17.50
		135	138	16.15	16.37	16.05	17.50
	DFT-s-OFDM BPSK	270	0	16.03	16.05	16.07	17.50
	DFT-s-OFDM QPSK	1	1	16.13	16.22	16.36	17.50
		1	137	16.18	16.26	16.35	17.50
		1	271	16.03	16.25	16.16	17.50
	DFT-s-OFDM QPSK	135	0	16.06	16.31	16.31	17.50
		135	69	16.11	16.31	16.20	17.50
		135	138	16.25	16.22	16.05	17.50
	DFT-s-OFDM QPSK	270	0	16.11	16.40	16.23	17.50
	DFT-s-OFDM 16QAM	1	1	16.15	16.06	16.21	17.50
	DFT-s-OFDM 64QAM	1	1	16.07	16.25	16.31	17.50
DFT-s-OFDM 256QAM	1	1	16.39	16.41	16.14	17.50	
CP-OFDM QPSK	1	1	16.22	16.05	16.23	17.50	
CP-OFDM 16QAM	1	1	16.19	16.14	16.28	17.50	
CP-OFDM 64QAM	1	1	16.33	16.01	16.36	17.50	
CP-OFDM 256QAM	1	1	16.08	16.22	16.27	17.50	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT7 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	24.13	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.78	24.25	24.03	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.84	23.52	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	23.06	23.41	23.42	24.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	23.94	23.28	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.95	23.37	23.96	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.86	23.39	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.87	23.23	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	24.10	23.45	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	24.00	23.54	23.83	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.87	23.22	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.86	24.13	23.85	24.50
		1	137	23.54	23.62	23.01	24.50
	DFT-s-OFDM BPSK	1	271	23.40	23.56	22.98	24.50
		135	0	22.98	23.12	23.27	24.50
		135	69	22.78	22.78	22.77	24.50
	DFT-s-OFDM BPSK	135	138	22.81	22.67	22.82	24.50
		270	0	23.23	23.41	23.58	24.50
	DFT-s-OFDM QPSK	1	1	23.97	23.41	23.92	24.50
		1	137	23.73	23.67	23.03	24.50
	DFT-s-OFDM QPSK	1	271	23.53	23.46	23.09	24.50
		135	0	23.13	23.25	23.31	24.50
		135	69	22.72	23.04	22.76	24.50
		135	138	22.81	22.67	22.88	24.50
	DFT-s-OFDM QPSK	270	0	23.38	23.27	23.62	24.50
	DFT-s-OFDM 16QAM	1	1	23.75	23.58	23.48	24.50
	DFT-s-OFDM 64QAM	1	1	22.35	22.23	22.11	23.00
	DFT-s-OFDM 256QAM	1	1	20.09	20.28	20.39	21.00
	CP-OFDM QPSK	1	1	22.24	22.34	22.44	23.00
CP-OFDM 16QAM	1	1	22.02	22.01	22.08	22.50	
CP-OFDM 64QAM	1	1	20.32	20.45	20.55	21.00	
CP-OFDM 256QAM	1	1	17.70	17.67	17.79	18.00	

N77-ANT7 DSI1&3&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.01	13.06	12.90	13.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	12.85	13.19	13.11	13.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	12.78	12.48	12.85	13.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	12.11	12.48	12.54	13.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	12.95	12.20	12.84	13.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.08	12.36	13.10	13.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	12.92	12.43	12.87	13.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	12.92	12.15	12.94	13.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.24	12.55	12.74	13.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.12	12.54	12.93	13.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	12.90	12.32	12.96	13.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	12.95	13.13	12.79	13.50
		1	137	12.58	12.63	12.11	13.50
		1	271	12.35	12.50	11.99	13.50
	DFT-s-OFDM BPSK	135	0	12.08	12.26	12.33	13.50
		135	69	11.73	11.88	11.76	13.50
		135	138	12.79	12.96	13.11	13.50
	DFT-s-OFDM BPSK	270	0	12.77	12.91	13.09	13.50
	DFT-s-OFDM QPSK	1	1	12.79	12.82	13.07	13.50
		1	137	13.06	13.06	12.92	13.50
		1	271	13.02	12.84	13.06	13.50
	DFT-s-OFDM QPSK	135	0	12.73	12.88	12.97	13.50
		135	69	12.82	13.06	12.94	13.50
		135	138	13.08	12.95	12.75	13.50
	DFT-s-OFDM QPSK	270	0	12.80	13.10	12.77	13.50
	DFT-s-OFDM 16QAM	1	1	12.87	13.05	13.08	13.50
	DFT-s-OFDM 64QAM	1	1	12.93	12.92	12.84	13.50
	DFT-s-OFDM 256QAM	1	1	12.92	12.96	12.86	13.50
	CP-OFDM QPSK	1	1	13.03	12.72	12.89	13.50
CP-OFDM 16QAM	1	1	13.03	13.05	12.82	13.50	
CP-OFDM 64QAM	1	1	12.72	13.10	12.91	13.50	
CP-OFDM 256QAM	1	1	13.11	13.02	12.95	13.50	

N77-ANT7 DSI2&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	24.13	23.77	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.78	24.25	24.03	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.88	18.62	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.63	18.56	18.87	19.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.77	18.52	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.81	18.68	18.83	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.52	18.89	18.76	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.55	18.52	18.78	19.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.61	18.67	18.69	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.89	18.55	18.73	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.76	18.89	18.86	19.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.77	18.67	18.73	19.50
		1	137	18.60	18.63	18.77	19.50
		1	271	18.61	18.60	18.65	19.50
	DFT-s-OFDM BPSK	135	0	18.77	18.52	18.61	19.50
		135	69	18.60	18.90	18.90	19.50
		135	138	18.60	18.80	18.64	19.50
	DFT-s-OFDM BPSK	270	0	18.81	18.58	18.62	19.50
		1	1	18.82	18.74	18.88	19.50
	DFT-s-OFDM QPSK	1	137	18.85	18.52	18.85	19.50
		1	271	18.58	18.90	18.57	19.50
		135	0	18.84	18.73	18.67	19.50
	DFT-s-OFDM QPSK	135	69	18.74	18.54	18.50	19.50
		135	138	18.52	18.79	18.68	19.50
		270	0	18.73	18.58	18.71	19.50
	DFT-s-OFDM 16QAM	1	1	18.67	18.70	18.78	19.50
	DFT-s-OFDM 64QAM	1	1	18.55	18.59	18.59	19.50
	DFT-s-OFDM 256QAM	1	1	18.59	18.76	18.74	19.50
	CP-OFDM QPSK	1	1	18.64	18.67	18.86	19.50
CP-OFDM 16QAM	1	1	18.70	18.70	18.80	19.50	
CP-OFDM 64QAM	1	1	18.52	18.80	18.80	19.50	
CP-OFDM 256QAM	1	1	17.17	17.40	17.34	18.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT8 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	26.29	26.51	26.38	28.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	26.53	26.40	26.31	28.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	26.50	26.14	26.31	28.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	26.34	26.47	26.33	28.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	26.37	26.24	26.27	28.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	26.45	26.04	26.11	28.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.42	26.12	26.17	28.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.31	26.06	26.34	28.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	26.30	26.04	26.45	28.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.47	26.23	26.05	28.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.49	26.15	26.09	28.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	26.34	26.46	26.30	28.00
		1	137	26.12	26.40	26.39	28.00
	DFT-s-OFDM BPSK	1	271	26.22	26.23	26.27	28.00
		135	0	26.24	26.20	26.40	28.00
		135	69	26.32	26.33	26.19	28.00
	DFT-s-OFDM BPSK	135	138	26.30	26.26	26.41	28.00
		270	0	26.00	25.86	25.78	27.00
	DFT-s-OFDM QPSK	1	1	26.45	26.05	26.25	28.00
		1	137	26.05	26.24	26.32	28.00
	DFT-s-OFDM QPSK	1	271	26.20	26.20	26.21	28.00
		135	0	26.22	26.33	26.37	28.00
		135	69	26.29	26.08	26.15	28.00
		135	138	26.45	26.09	26.25	28.00
	DFT-s-OFDM QPSK	270	0	25.94	25.91	25.67	27.00
	DFT-s-OFDM 16QAM	1	1	25.59	25.64	25.49	27.00
	DFT-s-OFDM 64QAM	1	1	24.22	24.34	24.42	25.50
DFT-s-OFDM 256QAM	1	1	21.85	21.98	21.83	23.50	
CP-OFDM QPSK	1	1	24.88	25.02	24.82	26.50	
CP-OFDM 16QAM	1	1	24.48	24.32	24.50	26.00	
CP-OFDM 64QAM	1	1	22.73	22.75	22.90	24.50	
CP-OFDM 256QAM	1	1	19.58	19.67	19.58	21.50	

N77-ANT8 DSI1(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.72	20.11	19.84	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.94	20.03	19.81	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	20.01	19.58	19.86	21.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	19.97	19.88	19.76	21.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	19.95	19.88	19.79	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.89	19.65	19.75	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.98	19.75	19.69	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.79	19.58	19.81	21.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	19.71	19.66	20.04	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	20.04	19.78	19.52	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	19.95	19.76	19.51	21.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	19.82	19.96	19.73	21.50
		1	137	19.62	19.85	19.80	21.50
	DFT-s-OFDM BPSK	1	271	19.64	19.87	19.73	21.50
		135	0	19.69	19.78	19.82	21.50
		135	69	19.94	19.77	19.67	21.50
	DFT-s-OFDM BPSK	135	138	19.72	19.74	19.82	21.50
		270	0	19.86	19.74	19.71	21.50
		1	1	19.78	19.95	19.75	21.50
	DFT-s-OFDM QPSK	1	137	19.95	19.75	19.85	21.50
		1	271	19.72	19.73	19.78	21.50
	DFT-s-OFDM QPSK	135	0	19.62	19.94	19.74	21.50
		135	69	19.65	19.81	19.61	21.50
		135	138	19.91	19.96	19.96	21.50
	DFT-s-OFDM QPSK	270	0	19.68	19.76	19.88	21.50
	DFT-s-OFDM 16QAM	1	1	19.94	19.93	19.95	21.50
	DFT-s-OFDM 64QAM	1	1	19.80	19.71	19.79	21.50
	DFT-s-OFDM 256QAM	1	1	19.96	19.62	19.73	21.50
	CP-OFDM QPSK	1	1	19.87	19.96	19.70	21.50
CP-OFDM 16QAM	1	1	19.66	19.91	19.77	21.50	
CP-OFDM 64QAM	1	1	19.89	19.74	19.69	21.50	
CP-OFDM 256QAM	1	1	19.55	19.64	19.51	21.50	

N77-ANT8 DSI2&3&4&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.32	18.75	18.39	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.60	18.64	18.29	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.61	18.06	18.31	20.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.44	18.44	18.47	20.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.51	18.39	18.36	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.41	18.07	18.27	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.41	18.23	18.19	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.35	18.08	18.30	20.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.40	18.27	18.56	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.38	18.24	18.02	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.66	18.29	18.31	20.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.39	18.65	18.27	20.00
		1	137	18.16	18.49	18.54	20.00
		1	271	18.17	18.34	18.47	20.00
	DFT-s-OFDM BPSK	135	0	18.15	18.19	18.33	20.00
		135	69	18.31	18.27	18.15	20.00
		135	138	18.31	18.42	18.65	20.00
	DFT-s-OFDM BPSK	270	0	18.44	18.55	18.60	20.00
		1	1	18.31	18.21	18.45	20.00
	DFT-s-OFDM QPSK	1	137	18.34	18.26	18.36	20.00
		1	271	18.44	18.59	18.41	20.00
		135	0	18.49	18.54	18.40	20.00
	DFT-s-OFDM QPSK	135	69	18.55	18.24	18.57	20.00
		135	138	18.41	18.48	18.60	20.00
		270	0	18.37	18.25	18.29	20.00
	DFT-s-OFDM 16QAM	1	1	18.55	18.22	18.54	20.00
	DFT-s-OFDM 64QAM	1	1	18.22	18.31	18.37	20.00
	DFT-s-OFDM 256QAM	1	1	18.30	18.30	18.36	20.00
	CP-OFDM QPSK	1	1	18.21	18.53	18.54	20.00
CP-OFDM 16QAM	1	1	18.48	18.21	18.51	20.00	
CP-OFDM 64QAM	1	1	18.46	18.57	18.30	20.00	
CP-OFDM 256QAM	1	1	18.35	18.53	18.57	20.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT9 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	23.78	23.64	23.64	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	23.43	23.57	23.30	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	23.73	23.58	23.25	24.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	23.20	23.26	23.52	24.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	23.82	23.42	23.45	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.79	23.54	23.46	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.82	23.50	23.70	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.41	23.29	23.55	24.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	23.75	23.49	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.66	23.46	23.24	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.52	23.43	23.50	24.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	23.51	23.93	23.56	24.50
		1	137	23.17	23.28	22.73	24.50
	DFT-s-OFDM BPSK	1	271	23.03	23.30	22.81	24.50
		135	0	22.64	22.65	22.57	24.50
		135	69	22.86	23.08	22.86	24.50
	DFT-s-OFDM BPSK	135	138	22.61	22.65	22.68	24.50
		270	0	23.13	23.15	23.08	23.50
	DFT-s-OFDM QPSK	1	1	23.67	23.38	23.32	24.50
		1	137	22.99	23.25	22.77	24.50
	DFT-s-OFDM QPSK	1	271	22.89	22.95	22.89	24.50
		135	0	22.67	22.58	22.92	24.50
		135	69	23.00	23.17	22.81	24.50
		135	138	22.50	22.57	22.66	24.50
	DFT-s-OFDM QPSK	270	0	22.82	22.81	22.85	23.50
	DFT-s-OFDM 16QAM	1	1	22.70	22.58	22.49	23.50
	DFT-s-OFDM 64QAM	1	1	21.27	21.38	21.25	22.00
	DFT-s-OFDM 256QAM	1	1	19.85	19.86	19.67	20.00
	CP-OFDM QPSK	1	1	22.12	22.05	22.05	23.00
CP-OFDM 16QAM	1	1	21.19	21.31	21.14	22.50	
CP-OFDM 64QAM	1	1	19.57	19.46	19.46	21.00	
CP-OFDM 256QAM	1	1	17.74	17.56	17.54	18.00	

N77-ANT9 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.43	16.78	16.84	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.61	16.83	16.98	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.36	16.73	16.91	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.56	17.08	16.94	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.63	16.85	16.76	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.60	16.69	16.88	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.59	16.97	16.76	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.68	17.03	16.94	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.64	17.00	16.81	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.61	16.84	16.92	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.51	16.74	17.10	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.98	17.25	17.15	18.00
		1	137	16.63	16.61	16.16	18.00
		1	271	16.40	16.58	16.52	18.00
	DFT-s-OFDM BPSK	135	0	16.25	16.22	16.13	18.00
		135	69	16.18	16.85	16.27	18.00
		135	138	16.24	16.37	16.15	18.00
	DFT-s-OFDM BPSK	270	0	16.95	17.00	16.99	18.00
	DFT-s-OFDM QPSK	1	1	16.51	16.88	16.90	18.00
		1	137	16.94	16.77	16.49	18.00
		1	271	16.69	16.76	16.73	18.00
	DFT-s-OFDM QPSK	135	0	16.83	16.47	17.10	18.00
		135	69	16.84	16.62	16.73	18.00
		135	138	16.55	16.92	16.64	18.00
	DFT-s-OFDM QPSK	270	0	16.96	16.76	16.83	18.00
	DFT-s-OFDM 16QAM	1	1	16.84	16.79	16.99	18.00
	DFT-s-OFDM 64QAM	1	1	16.93	17.02	16.54	18.00
	DFT-s-OFDM 256QAM	1	1	16.83	16.77	16.94	18.00
CP-OFDM QPSK	1	1	16.52	17.07	17.16	18.00	
CP-OFDM 16QAM	1	1	16.56	16.93	16.59	18.00	
CP-OFDM 64QAM	1	1	17.28	16.98	17.26	18.00	
CP-OFDM 256QAM	1	1	17.79	17.46	17.64	18.00	

N77-ANT9 DSI2&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.41	19.11	19.07	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.00	19.08	18.82	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.27	19.10	18.66	20.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.78	18.82	19.08	20.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	19.40	18.84	19.01	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.31	18.96	19.09	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.35	18.99	19.31	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.03	18.80	19.10	20.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	19.29	19.10	19.25	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.24	18.98	18.81	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.98	18.88	19.13	20.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.95	19.45	19.17	20.00
		1	137	18.62	18.71	18.18	20.00
	DFT-s-OFDM BPSK	1	271	18.58	18.71	18.36	20.00
		135	0	18.11	18.13	18.07	20.00
		135	69	18.35	18.69	18.39	20.00
	DFT-s-OFDM BPSK	135	138	18.10	18.26	18.29	20.00
		270	0	19.01	18.97	18.85	20.00
	DFT-s-OFDM QPSK	1	1	18.66	18.93	18.81	20.00
		1	137	18.80	18.69	18.68	20.00
	DFT-s-OFDM QPSK	1	271	18.78	18.72	18.62	20.00
		135	0	18.81	18.64	19.01	20.00
		135	69	18.77	18.72	18.88	20.00
		135	138	18.64	19.00	18.82	20.00
	DFT-s-OFDM QPSK	270	0	18.92	18.76	18.97	20.00
	DFT-s-OFDM 16QAM	1	1	18.90	18.85	18.95	20.00
	DFT-s-OFDM 64QAM	1	1	18.79	18.92	18.62	20.00
	DFT-s-OFDM 256QAM	1	1	18.66	18.92	18.90	20.00
CP-OFDM QPSK	1	1	18.66	18.99	18.99	20.00	
CP-OFDM 16QAM	1	1	18.67	18.88	18.75	20.00	
CP-OFDM 64QAM	1	1	19.22	18.78	19.15	20.00	
CP-OFDM 256QAM	1	1	17.75	17.61	17.61	18.00	

8.5.10 NR Band77 Output Power

N77-ANT6 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.70	25.73	25.52	26.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.61	25.78	25.24	26.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.80	25.34	25.44	26.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	25.43	24.98	25.03	26.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	25.56	25.57	25.52	26.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.71	25.71	25.33	26.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.79	25.46	25.47	26.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.62	25.58	25.50	26.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	25.61	25.47	25.21	26.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.82	25.56	25.43	26.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.67	25.52	25.27	26.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.58	25.56	25.31	26.50
		1	137	25.46	25.71	25.45	26.50
		1	271	25.45	25.41	25.28	26.50
	DFT-s-OFDM BPSK	135	0	25.27	25.13	25.17	26.50
		135	69	25.70	25.51	25.63	26.50
		135	138	24.81	25.06	25.19	26.50
	DFT-s-OFDM BPSK	270	0	24.90	25.07	25.30	25.50
	DFT-s-OFDM QPSK	1	1	25.74	25.55	25.39	26.50
		1	137	25.47	25.74	25.42	26.50
		1	271	25.58	25.23	25.14	26.50
	DFT-s-OFDM QPSK	135	0	25.40	24.99	25.21	26.50
		135	69	25.52	25.33	25.38	26.50
		135	138	24.85	25.14	25.27	26.50
	DFT-s-OFDM QPSK	270	0	24.95	25.09	25.39	25.50
	DFT-s-OFDM 16QAM	1	1	24.53	24.39	24.31	25.50
	DFT-s-OFDM 64QAM	1	1	22.89	23.16	22.99	24.00
DFT-s-OFDM 256QAM	1	1	21.19	21.27	20.99	22.00	
CP-OFDM QPSK	1	1	23.97	23.86	23.72	25.00	
CP-OFDM 16QAM	1	1	23.14	23.33	23.43	24.50	
CP-OFDM 64QAM	1	1	21.59	21.83	21.73	23.00	
CP-OFDM 256QAM	1	1	18.59	18.51	18.60	20.00	

N77-ANT6 DS11&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.65	14.72	14.63	15.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.61	14.82	14.27	15.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	14.62	14.44	14.46	15.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	14.30	14.09	13.92	15.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	14.61	14.46	14.54	15.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.59	14.76	14.42	15.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.77	14.45	14.40	15.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.67	14.50	14.51	15.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.78	14.51	14.28	15.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.98	14.56	14.59	15.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.58	14.48	14.40	15.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	14.52	14.52	14.45	15.50
		1	137	14.50	14.74	14.55	15.50
		1	271	14.45	14.52	14.41	15.50
	DFT-s-OFDM BPSK	135	0	14.33	14.00	14.29	15.50
		135	69	14.66	14.55	14.58	15.50
		135	138	14.33	14.31	14.40	15.50
	DFT-s-OFDM BPSK	270	0	14.45	14.45	14.40	15.50
	DFT-s-OFDM QPSK	1	1	14.41	14.28	14.40	15.50
		1	137	14.34	14.44	14.30	15.50
		1	271	14.53	14.45	14.48	15.50
	DFT-s-OFDM QPSK	135	0	14.23	14.23	14.21	15.50
		135	69	14.54	14.40	14.17	15.50
		135	138	14.34	14.63	14.53	15.50
	DFT-s-OFDM QPSK	270	0	14.60	14.30	14.31	15.50
	DFT-s-OFDM 16QAM	1	1	14.32	14.46	14.30	15.50
	DFT-s-OFDM 64QAM	1	1	14.57	14.50	14.58	15.50
DFT-s-OFDM 256QAM	1	1	14.56	14.26	14.32	15.50	
CP-OFDM QPSK	1	1	14.17	14.31	14.67	15.50	
CP-OFDM 16QAM	1	1	14.32	14.52	14.33	15.50	
CP-OFDM 64QAM	1	1	14.26	14.38	14.56	15.50	
CP-OFDM 256QAM	1	1	14.58	14.45	14.42	15.50	

N77-ANT6 DS12&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.21	17.20	17.02	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.13	17.24	16.71	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.31	17.01	16.85	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.93	16.33	16.63	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	17.08	17.09	17.04	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.26	17.18	17.01	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.35	16.92	16.91	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.17	17.09	17.07	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	17.26	17.08	16.66	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.37	17.21	17.10	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.17	17.06	16.91	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	17.05	17.15	16.84	18.00
		1	137	17.03	17.16	17.04	18.00
		1	271	16.92	16.93	16.79	18.00
	DFT-s-OFDM BPSK	135	0	16.75	16.60	16.73	18.00
		135	69	17.12	17.01	17.12	18.00
		135	138	16.87	17.13	16.74	18.00
	DFT-s-OFDM BPSK	270	0	16.76	16.77	16.76	18.00
	DFT-s-OFDM QPSK	1	1	16.89	16.92	17.10	18.00
		1	137	16.84	16.97	17.00	18.00
		1	271	16.75	16.95	16.89	18.00
	DFT-s-OFDM QPSK	135	0	16.79	17.07	16.97	18.00
		135	69	16.84	17.00	16.90	18.00
		135	138	16.95	16.93	16.73	18.00
	DFT-s-OFDM QPSK	270	0	16.85	17.12	16.97	18.00
	DFT-s-OFDM 16QAM	1	1	16.81	16.71	16.87	18.00
	DFT-s-OFDM 64QAM	1	1	16.73	16.92	17.07	18.00
DFT-s-OFDM 256QAM	1	1	17.11	17.16	16.86	18.00	
CP-OFDM QPSK	1	1	16.88	16.77	16.98	18.00	
CP-OFDM 16QAM	1	1	16.90	16.86	17.03	18.00	
CP-OFDM 64QAM	1	1	17.02	16.66	17.08	18.00	
CP-OFDM 256QAM	1	1	16.75	16.96	16.93	18.00	

8.5.10 NR Band77 Output Power

N77-ANT7 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.70	21.82	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.54	21.95	21.71	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.54	21.20	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.76	21.16	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.64	21.00	21.52	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.62	21.08	21.64	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.56	21.12	21.43	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.63	20.95	21.59	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.78	21.10	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.69	21.26	21.50	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	20.90	21.77	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.57	21.87	21.53	22.50
		1	137	21.25	21.34	20.71	22.50
		1	271	21.12	21.31	20.73	22.50
	DFT-s-OFDM BPSK	135	0	20.67	20.79	20.94	22.50
		135	69	20.53	20.54	20.53	22.50
		135	138	20.59	20.53	20.51	22.50
	DFT-s-OFDM BPSK	270	0	20.93	21.16	21.33	22.50
		1	1	21.66	21.13	21.64	22.50
	DFT-s-OFDM QPSK	1	137	21.47	21.36	20.68	22.50
		1	271	21.25	21.18	20.84	22.50
		135	0	20.83	20.96	20.97	22.50
	DFT-s-OFDM QPSK	135	69	20.59	20.75	20.58	22.50
		135	138	20.59	20.54	20.58	22.50
		270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM QPSK	270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.29	21.16	22.50
DFT-s-OFDM 64QAM	1	1	20.03	19.90	19.76	21.00	
DFT-s-OFDM 256QAM	1	1	17.76	18.02	18.14	19.00	
CP-OFDM QPSK	1	1	19.89	19.99	20.15	21.00	
CP-OFDM 16QAM	1	1	19.74	19.68	19.74	20.50	
CP-OFDM 64QAM	1	1	17.98	18.15	18.28	19.00	
CP-OFDM 256QAM	1	1	15.41	15.38	15.46	16.00	

N77-ANT7 DS11&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	11.23	11.23	11.15	12.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	11.11	11.45	11.32	12.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	10.98	10.63	11.06	12.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	10.32	10.68	10.76	12.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	11.13	10.46	11.06	12.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	11.29	10.61	11.29	12.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	11.11	10.64	11.11	12.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	11.09	10.30	11.10	12.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	11.47	10.74	10.92	12.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	11.36	10.78	11.09	12.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	11.15	10.54	11.19	12.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	11.10	11.35	11.05	12.00
		1	137	10.75	10.81	10.26	12.00
		1	271	10.52	10.71	10.15	12.00
	DFT-s-OFDM BPSK	135	0	10.28	10.45	10.54	12.00
		135	69	10.23	10.09	10.08	12.00
		135	138	10.96	11.13	11.35	12.00
	DFT-s-OFDM BPSK	270	0	10.93	11.07	11.33	12.00
	DFT-s-OFDM QPSK	1	1	10.98	11.06	11.23	12.00
		1	137	11.24	11.28	11.17	12.00
		1	271	11.19	10.99	11.26	12.00
	DFT-s-OFDM QPSK	135	0	10.95	11.05	11.13	12.00
		135	69	11.01	11.23	11.13	12.00
		135	138	11.34	11.13	10.97	12.00
	DFT-s-OFDM QPSK	270	0	11.06	11.27	11.00	12.00
	DFT-s-OFDM 16QAM	1	1	11.05	11.26	11.30	12.00
	DFT-s-OFDM 64QAM	1	1	11.14	11.07	11.02	12.00
DFT-s-OFDM 256QAM	1	1	11.14	11.11	11.06	12.00	
CP-OFDM QPSK	1	1	11.23	10.91	11.09	12.00	
CP-OFDM 16QAM	1	1	11.24	11.24	11.03	12.00	
CP-OFDM 64QAM	1	1	10.93	11.29	11.14	12.00	
CP-OFDM 256QAM	1	1	11.35	11.26	11.17	12.00	

N77-ANT7 DSI2&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.70	21.82	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.54	21.95	21.71	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.54	21.20	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.76	21.16	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.64	21.00	21.52	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.62	21.08	21.64	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.56	21.12	21.43	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.63	20.95	21.59	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.78	21.10	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.69	21.26	21.50	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	20.90	21.77	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.57	21.87	21.53	22.50
		1	137	21.25	21.34	20.71	22.50
		1	271	21.12	21.31	20.73	22.50
	DFT-s-OFDM BPSK	135	0	20.67	20.79	20.94	22.50
		135	69	20.53	20.54	20.53	22.50
		135	138	20.59	20.53	20.51	22.50
	DFT-s-OFDM BPSK	270	0	20.93	21.16	21.33	22.50
		1	1	21.66	21.13	21.64	22.50
	DFT-s-OFDM QPSK	1	137	21.47	21.36	20.68	22.50
		1	271	21.25	21.18	20.84	22.50
		135	0	20.83	20.96	20.97	22.50
	DFT-s-OFDM QPSK	135	69	20.59	20.75	20.58	22.50
		135	138	20.59	20.54	20.58	22.50
		270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM QPSK	270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.29	21.16	22.50
DFT-s-OFDM 64QAM	1	1	20.03	19.90	19.76	21.00	
DFT-s-OFDM 256QAM	1	1	17.76	18.02	18.14	19.00	
CP-OFDM QPSK	1	1	19.89	19.99	20.15	21.00	
CP-OFDM 16QAM	1	1	19.74	19.68	19.74	20.50	
CP-OFDM 64QAM	1	1	17.98	18.15	18.28	19.00	
CP-OFDM 256QAM	1	1	15.41	15.38	15.46	16.00	

N77-ANT7 DSI3(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.32	14.42	13.89	15.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.15	14.40	14.15	15.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	14.04	13.70	14.08	15.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	13.16	13.50	13.54	15.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	14.14	13.64	13.97	15.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.10	13.60	14.14	15.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.01	13.71	14.07	15.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.02	13.48	14.16	15.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.41	13.61	14.12	15.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.24	13.74	14.14	15.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.09	13.33	14.26	15.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	14.09	14.33	14.01	15.00
		1	137	13.72	13.93	13.24	15.00
		1	271	13.58	13.81	13.23	15.00
	DFT-s-OFDM BPSK	135	0	13.24	13.45	13.53	15.00
		135	69	13.24	13.07	13.19	15.00
		135	138	13.98	14.10	14.21	15.00
	DFT-s-OFDM BPSK	270	0	14.21	14.11	14.15	15.00
	DFT-s-OFDM QPSK	1	1	13.97	14.13	14.12	15.00
		1	137	14.35	13.92	14.24	15.00
		1	271	13.95	13.93	14.13	15.00
	DFT-s-OFDM QPSK	135	0	13.98	13.98	14.01	15.00
		135	69	13.92	14.18	14.20	15.00
		135	138	14.15	14.25	14.23	15.00
	DFT-s-OFDM QPSK	270	0	14.17	14.22	13.94	15.00
	DFT-s-OFDM 16QAM	1	1	14.21	14.17	14.20	15.00
	DFT-s-OFDM 64QAM	1	1	13.88	14.11	14.29	15.00
DFT-s-OFDM 256QAM	1	1	14.23	14.00	14.25	15.00	
CP-OFDM QPSK	1	1	14.19	14.34	14.29	15.00	
CP-OFDM 16QAM	1	1	14.06	14.06	13.98	15.00	
CP-OFDM 64QAM	1	1	13.97	14.14	14.01	15.00	
CP-OFDM 256QAM	1	1	14.23	13.99	14.04	15.00	

8.5.10 NR Band77 Output Power

N77-ANT8 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.30	24.48	24.34	26.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	24.51	24.37	24.30	26.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	24.51	24.09	24.27	26.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	24.32	24.53	24.30	26.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	24.34	24.24	24.25	26.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	24.50	24.08	24.16	26.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	24.40	24.13	24.18	26.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	24.34	24.10	24.36	26.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	24.27	24.03	24.47	26.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	24.53	24.23	24.01	26.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	24.52	24.18	24.04	26.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	24.32	24.50	24.34	26.00
		1	137	24.08	24.41	24.44	26.00
		1	271	24.26	24.18	24.28	26.00
	DFT-s-OFDM BPSK	135	0	24.22	24.26	24.44	26.00
		135	69	24.29	24.36	24.14	26.00
		135	138	24.26	24.29	24.45	26.00
	DFT-s-OFDM BPSK	270	0	23.95	23.84	23.80	25.00
		1	1	24.50	24.06	24.22	26.00
	DFT-s-OFDM QPSK	1	137	24.09	24.29	24.31	26.00
		1	271	24.20	24.16	24.18	26.00
		135	0	24.22	24.37	24.40	26.00
	DFT-s-OFDM QPSK	135	69	24.25	24.13	24.18	26.00
		135	138	24.47	24.13	24.23	26.00
		270	0	23.92	23.90	23.65	25.00
	DFT-s-OFDM 16QAM	1	1	23.63	23.61	23.55	25.00
	DFT-s-OFDM 64QAM	1	1	22.28	22.37	22.39	23.50
DFT-s-OFDM 256QAM	1	1	19.82	20.02	19.78	21.50	
CP-OFDM QPSK	1	1	22.93	22.99	22.87	24.50	
CP-OFDM 16QAM	1	1	22.47	22.31	22.47	24.00	
CP-OFDM 64QAM	1	1	20.71	20.71	20.87	22.50	
CP-OFDM 256QAM	1	1	17.56	17.70	17.58	19.50	

N77-ANT8 DSI1(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.72	19.11	18.83	20.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.99	19.01	18.87	20.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	19.05	18.54	18.92	20.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.98	18.83	18.76	20.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.97	18.93	18.81	20.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.89	18.70	18.81	20.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.03	18.80	18.75	20.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.79	18.59	18.84	20.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.72	18.65	19.05	20.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.07	18.73	18.57	20.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.90	18.82	18.57	20.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.86	18.99	18.77	20.50
		1	137	18.57	18.88	18.78	20.50
		1	271	18.68	18.85	18.69	20.50
	DFT-s-OFDM BPSK	135	0	18.75	18.75	18.88	20.50
		135	69	18.93	18.73	18.70	20.50
		135	138	18.72	18.70	18.84	20.50
	DFT-s-OFDM BPSK	270	0	18.88	18.75	18.74	20.50
		1	1	18.83	19.01	18.74	20.50
	DFT-s-OFDM QPSK	1	137	18.97	18.70	18.91	20.50
		1	271	18.67	18.79	18.76	20.50
	DFT-s-OFDM QPSK	135	0	18.62	18.91	18.79	20.50
		135	69	18.71	18.79	18.66	20.50
		135	138	18.93	18.95	18.91	20.50
	DFT-s-OFDM QPSK	270	0	18.67	18.78	18.92	20.50
	DFT-s-OFDM 16QAM	1	1	18.93	18.93	18.96	20.50
	DFT-s-OFDM 64QAM	1	1	18.80	18.67	18.83	20.50
DFT-s-OFDM 256QAM	1	1	18.96	18.59	18.79	20.50	
CP-OFDM QPSK	1	1	18.85	18.94	18.68	20.50	
CP-OFDM 16QAM	1	1	18.65	18.95	18.78	20.50	
CP-OFDM 64QAM	1	1	18.87	18.75	18.71	20.50	
CP-OFDM 256QAM	1	1	17.51	17.68	17.50	19.50	

N77-ANT8 DSI2&3&4&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.37	16.76	16.41	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.56	16.67	16.30	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.62	16.09	16.33	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.45	16.43	16.49	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.50	16.34	16.37	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.39	16.05	16.26	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.46	16.28	16.14	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.41	16.04	16.26	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.41	16.27	16.58	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.33	16.21	16.00	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.61	16.29	16.33	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.40	16.66	16.29	18.00
		1	137	16.20	16.55	16.60	18.00
		1	271	16.22	16.39	16.51	18.00
	DFT-s-OFDM BPSK	135	0	16.21	16.14	16.39	18.00
		135	69	16.30	16.33	16.14	18.00
		135	138	16.36	16.43	16.62	18.00
	DFT-s-OFDM BPSK	270	0	16.40	16.54	16.57	18.00
		1	1	16.28	16.26	16.51	18.00
	DFT-s-OFDM QPSK	1	137	16.34	16.27	16.35	18.00
		1	271	16.48	16.62	16.39	18.00
	DFT-s-OFDM QPSK	135	0	16.52	16.56	16.36	18.00
		135	69	16.56	16.23	16.58	18.00
		135	138	16.38	16.51	16.59	18.00
	DFT-s-OFDM QPSK	270	0	16.36	16.30	16.31	18.00
	DFT-s-OFDM 16QAM	1	1	16.61	16.25	16.57	18.00
	DFT-s-OFDM 64QAM	1	1	16.19	16.35	16.41	18.00
DFT-s-OFDM 256QAM	1	1	16.25	16.30	16.34	18.00	
CP-OFDM QPSK	1	1	16.26	16.48	16.53	18.00	
CP-OFDM 16QAM	1	1	16.45	16.16	16.55	18.00	
CP-OFDM 64QAM	1	1	16.47	16.54	16.26	18.00	
CP-OFDM 256QAM	1	1	16.33	16.52	16.59	18.00	

8.5.10 NR Band77 Output Power

N77-ANT9 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.80	21.60	21.70	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.43	21.63	21.28	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.75	21.59	21.26	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	21.23	21.24	21.58	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.82	21.45	21.41	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.82	21.56	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.88	21.50	21.68	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.40	21.28	21.51	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.76	21.45	21.63	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.67	21.43	21.26	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	21.49	21.49	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.54	21.99	21.53	22.50
		1	137	21.14	21.24	20.70	22.50
		1	271	21.04	21.26	20.81	22.50
	DFT-s-OFDM BPSK	135	0	20.60	20.60	20.53	22.50
		135	69	20.88	21.10	20.83	22.50
		135	138	20.64	20.62	20.72	22.50
	DFT-s-OFDM BPSK	270	0	21.15	21.12	21.05	21.50
		1	1	21.62	21.37	21.37	22.50
	DFT-s-OFDM QPSK	1	137	21.04	21.24	20.83	22.50
		1	271	20.94	20.94	20.90	22.50
		135	0	20.73	20.55	20.90	22.50
	DFT-s-OFDM QPSK	135	69	20.96	21.14	20.81	22.50
		135	138	20.52	20.56	20.66	22.50
		270	0	20.83	20.83	20.91	21.50
	DFT-s-OFDM 16QAM	1	1	20.71	20.59	20.51	21.50
	DFT-s-OFDM 64QAM	1	1	19.24	19.44	19.20	20.00
DFT-s-OFDM 256QAM	1	1	17.80	17.83	17.63	18.00	
CP-OFDM QPSK	1	1	20.13	20.04	20.09	21.00	
CP-OFDM 16QAM	1	1	19.17	19.33	19.11	20.50	
CP-OFDM 64QAM	1	1	17.57	17.47	17.52	19.00	
CP-OFDM 256QAM	1	1	15.80	15.57	15.58	16.00	

N77-ANT9 DS11&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.42	17.13	17.12	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.96	17.03	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.28	17.05	16.67	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.80	16.88	17.14	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	17.36	16.86	17.07	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.33	16.99	17.04	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.40	16.95	17.29	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.03	16.84	17.08	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	17.27	17.12	17.24	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.30	16.96	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.02	16.87	17.09	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.95	17.42	17.19	18.00
		1	137	16.57	16.72	16.24	18.00
		1	271	16.58	16.77	16.31	18.00
	DFT-s-OFDM BPSK	135	0	16.12	16.11	16.09	18.00
		135	69	16.33	16.68	16.42	18.00
		135	138	16.06	16.22	16.26	18.00
	DFT-s-OFDM BPSK	270	0	17.04	16.92	16.83	18.00
	DFT-s-OFDM QPSK	1	1	16.68	16.91	16.76	18.00
		1	137	16.82	16.68	16.73	18.00
		1	271	16.75	16.69	16.66	18.00
	DFT-s-OFDM QPSK	135	0	16.87	16.59	17.02	18.00
		135	69	16.80	16.78	16.83	18.00
		135	138	16.59	16.95	16.84	18.00
	DFT-s-OFDM QPSK	270	0	16.89	16.77	16.96	18.00
	DFT-s-OFDM 16QAM	1	1	16.85	16.85	16.97	18.00
	DFT-s-OFDM 64QAM	1	1	16.79	16.93	16.57	18.00
DFT-s-OFDM 256QAM	1	1	16.72	16.90	16.90	18.00	
CP-OFDM QPSK	1	1	16.70	17.02	17.03	18.00	
CP-OFDM 16QAM	1	1	16.63	16.91	16.73	18.00	
CP-OFDM 64QAM	1	1	17.28	16.80	17.12	18.00	
CP-OFDM 256QAM	1	1	15.73	15.63	15.58	16.00	

N77-ANT9 DS1&2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.79	18.60	18.74	19.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.40	18.67	18.31	19.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.78	18.61	18.27	19.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	18.19	18.23	18.69	19.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.94	18.48	18.51	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.71	18.67	18.55	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.80	18.52	18.80	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.39	18.36	18.53	19.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.83	18.42	18.82	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.79	18.42	18.36	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.52	18.41	18.45	19.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	18.50	18.87	18.56	19.50
		1	137	18.14	18.37	17.87	19.50
		1	271	18.07	18.35	17.89	19.50
	DFT-s-OFDM BPSK	135	0	17.90	17.81	17.91	19.50
		135	69	18.16	18.34	18.12	19.50
		135	138	17.85	17.76	17.99	19.50
	DFT-s-OFDM BPSK	270	0	18.44	18.47	18.38	19.50
	DFT-s-OFDM QPSK	1	1	18.44	18.57	18.56	19.50
		1	137	18.37	18.37	18.58	19.50
		1	271	18.52	18.55	18.72	19.50
	DFT-s-OFDM QPSK	135	0	18.64	18.56	18.67	19.50
		135	69	18.62	18.41	18.43	19.50
		135	138	18.60	18.65	18.60	19.50
	DFT-s-OFDM QPSK	270	0	18.42	18.34	18.54	19.50
	DFT-s-OFDM 16QAM	1	1	18.48	18.47	18.63	19.50
	DFT-s-OFDM 64QAM	1	1	18.58	18.68	18.51	19.50
DFT-s-OFDM 256QAM	1	1	17.92	17.95	17.79	18.00	
CP-OFDM QPSK	1	1	18.53	18.31	18.36	19.50	
CP-OFDM 16QAM	1	1	18.60	18.34	18.54	19.50	
CP-OFDM 64QAM	1	1	17.61	17.46	17.52	19.00	
CP-OFDM 256QAM	1	1	15.70	15.61	15.55	16.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT6 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.70	25.73	25.52	26.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	25.61	25.78	25.24	26.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	25.80	25.34	25.44	26.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	25.43	24.98	25.03	26.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	25.56	25.57	25.52	26.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	25.71	25.71	25.33	26.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	25.79	25.46	25.47	26.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	25.62	25.58	25.50	26.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	25.61	25.47	25.21	26.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	25.82	25.56	25.43	26.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	25.67	25.52	25.27	26.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	25.58	25.56	25.31	26.50
		1	137	25.46	25.71	25.45	26.50
		1	271	25.45	25.41	25.28	26.50
	DFT-s-OFDM BPSK	135	0	25.27	25.13	25.17	26.50
		135	69	25.70	25.51	25.63	26.50
		135	138	24.81	25.06	25.19	26.50
	DFT-s-OFDM BPSK	270	0	24.90	25.07	25.30	25.50
	DFT-s-OFDM QPSK	1	1	25.74	25.55	25.39	26.50
		1	137	25.47	25.74	25.42	26.50
	DFT-s-OFDM QPSK	1	271	25.58	25.23	25.14	26.50
		135	0	25.40	24.99	25.21	26.50
		135	69	25.52	25.33	25.38	26.50
	DFT-s-OFDM QPSK	135	138	24.85	25.14	25.27	26.50
		270	0	24.95	25.09	25.39	25.50
	DFT-s-OFDM 16QAM	1	1	24.53	24.39	24.31	25.50
	DFT-s-OFDM 64QAM	1	1	22.89	23.16	22.99	24.00
	DFT-s-OFDM 256QAM	1	1	21.19	21.27	20.99	22.00
CP-OFDM QPSK	1	1	23.97	23.86	23.72	25.00	
CP-OFDM 16QAM	1	1	23.14	23.33	23.43	24.50	
CP-OFDM 64QAM	1	1	21.59	21.83	21.73	23.00	
CP-OFDM 256QAM	1	1	18.59	18.51	18.60	20.00	

N77-ANT6 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	11.59	11.69	11.63	12.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	11.64	11.82	11.30	12.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	11.66	11.46	11.39	12.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	11.34	11.09	10.92	12.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	11.66	11.47	11.50	12.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	11.64	11.79	11.35	12.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	11.72	11.40	11.39	12.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	11.75	11.55	11.53	12.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	11.76	11.49	11.27	12.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	12.00	11.53	11.60	12.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	11.60	11.56	11.37	12.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	11.58	11.56	11.42	12.50
		1	137	11.59	11.71	11.57	12.50
		1	271	11.48	11.46	11.45	12.50
	DFT-s-OFDM BPSK	135	0	11.39	11.03	11.20	12.50
		135	69	11.66	11.46	11.58	12.50
		135	138	11.36	11.32	11.42	12.50
	DFT-s-OFDM BPSK	270	0	11.44	11.44	11.43	12.50
		1	1	11.37	11.20	11.42	12.50
		1	137	11.40	11.45	11.26	12.50
	DFT-s-OFDM QPSK	1	271	11.48	11.47	11.45	12.50
		135	0	11.30	11.23	11.20	12.50
		135	69	11.52	11.41	11.17	12.50
	DFT-s-OFDM QPSK	135	138	11.32	11.58	11.54	12.50
		270	0	11.58	11.25	11.35	12.50
		1	1	11.35	11.43	11.25	12.50
	DFT-s-OFDM 16QAM	1	1	11.51	11.56	11.55	12.50
	DFT-s-OFDM 64QAM	1	1	11.58	11.30	11.34	12.50
DFT-s-OFDM 256QAM	1	1	11.17	11.39	11.57	12.50	
CP-OFDM QPSK	1	1	11.39	11.47	11.30	12.50	
CP-OFDM 16QAM	1	1	11.25	11.42	11.50	12.50	
CP-OFDM 64QAM	1	1	11.52	11.35	11.43	12.50	

N77-ANT6 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.65	14.72	14.63	15.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.61	14.82	14.27	15.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	14.62	14.44	14.46	15.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	14.30	14.09	13.92	15.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	14.61	14.46	14.54	15.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.59	14.76	14.42	15.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.77	14.45	14.40	15.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.67	14.50	14.51	15.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.78	14.51	14.28	15.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.98	14.56	14.59	15.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.58	14.48	14.40	15.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	14.52	14.52	14.45	15.50
		1	137	14.50	14.74	14.55	15.50
		1	271	14.45	14.52	14.41	15.50
	DFT-s-OFDM BPSK	135	0	14.33	14.00	14.29	15.50
		135	69	14.66	14.55	14.58	15.50
		135	138	14.33	14.31	14.40	15.50
	DFT-s-OFDM BPSK	270	0	14.45	14.45	14.40	15.50
		1	1	14.41	14.28	14.40	15.50
	DFT-s-OFDM QPSK	1	137	14.34	14.44	14.30	15.50
		1	271	14.53	14.45	14.48	15.50
		135	0	14.23	14.23	14.21	15.50
	DFT-s-OFDM QPSK	135	69	14.54	14.40	14.17	15.50
		135	138	14.34	14.63	14.53	15.50
		270	0	14.60	14.30	14.31	15.50
	DFT-s-OFDM 16QAM	1	1	14.32	14.46	14.30	15.50
	DFT-s-OFDM 64QAM	1	1	14.57	14.50	14.58	15.50
	DFT-s-OFDM 256QAM	1	1	14.56	14.26	14.32	15.50
CP-OFDM QPSK	1	1	14.17	14.31	14.67	15.50	
CP-OFDM 16QAM	1	1	14.32	14.52	14.33	15.50	
CP-OFDM 64QAM	1	1	14.26	14.38	14.56	15.50	
CP-OFDM 256QAM	1	1	14.58	14.45	14.42	15.50	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT7 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.70	21.82	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.54	21.95	21.71	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.54	21.20	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.76	21.16	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.64	21.00	21.52	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.62	21.08	21.64	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.56	21.12	21.43	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.63	20.95	21.59	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.78	21.10	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.69	21.26	21.50	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	20.90	21.77	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.57	21.87	21.53	22.50
		1	137	21.25	21.34	20.71	22.50
	DFT-s-OFDM BPSK	1	271	21.12	21.31	20.73	22.50
		135	0	20.67	20.79	20.94	22.50
		135	69	20.53	20.54	20.53	22.50
	DFT-s-OFDM BPSK	135	138	20.59	20.53	20.51	22.50
		270	0	20.93	21.16	21.33	22.50
	DFT-s-OFDM QPSK	1	1	21.66	21.13	21.64	22.50
		1	137	21.47	21.36	20.68	22.50
	DFT-s-OFDM QPSK	1	271	21.25	21.18	20.84	22.50
		135	0	20.83	20.96	20.97	22.50
		135	69	20.59	20.75	20.58	22.50
		135	138	20.59	20.54	20.58	22.50
	DFT-s-OFDM QPSK	270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.29	21.16	22.50
	DFT-s-OFDM 64QAM	1	1	20.03	19.90	19.76	21.00
	DFT-s-OFDM 256QAM	1	1	17.76	18.02	18.14	19.00
CP-OFDM QPSK	1	1	19.89	19.99	20.15	21.00	
CP-OFDM 16QAM	1	1	19.74	19.68	19.74	20.50	
CP-OFDM 64QAM	1	1	17.98	18.15	18.28	19.00	
CP-OFDM 256QAM	1	1	15.41	15.38	15.46	16.00	

N77-ANT7 DSI1&3&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	10.68	10.78	10.55	11.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	10.54	10.86	10.84	11.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	10.51	10.22	10.52	11.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	9.77	10.23	10.20	11.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	10.70	9.91	10.59	11.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	10.83	10.05	10.75	11.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	10.62	10.17	10.60	11.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	10.66	9.82	10.66	11.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	10.96	10.30	10.46	11.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	10.85	10.21	10.68	11.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	10.62	9.98	10.70	11.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	10.67	10.80	10.53	11.50
		1	137	10.24	10.28	9.86	11.50
	DFT-s-OFDM BPSK	1	271	10.11	10.21	9.64	11.50
		135	0	9.80	9.95	10.02	11.50
		135	69	9.84	9.59	9.92	11.50
	DFT-s-OFDM BPSK	135	138	10.49	10.63	10.85	11.50
		270	0	10.46	10.58	10.83	11.50
	DFT-s-OFDM QPSK	1	1	10.53	10.53	10.80	11.50
		1	137	10.71	10.71	10.68	11.50
	DFT-s-OFDM QPSK	1	271	10.74	10.51	10.75	11.50
		135	0	10.48	10.59	10.64	11.50
		135	69	10.56	10.72	10.63	11.50
		135	138	10.84	10.63	10.51	11.50
	DFT-s-OFDM QPSK	270	0	10.52	10.81	10.42	11.50
	DFT-s-OFDM 16QAM	1	1	10.54	10.72	10.79	11.50
	DFT-s-OFDM 64QAM	1	1	10.62	10.66	10.60	11.50
	DFT-s-OFDM 256QAM	1	1	10.59	10.67	10.51	11.50
	CP-OFDM QPSK	1	1	10.72	10.38	10.59	11.50
CP-OFDM 16QAM	1	1	10.68	10.81	10.52	11.50	
CP-OFDM 64QAM	1	1	10.41	10.84	10.67	11.50	
CP-OFDM 256QAM	1	1	10.82	10.71	10.65	11.50	

N77-ANT7 DSI2&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.70	21.82	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.54	21.95	21.71	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.54	21.20	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	20.76	21.16	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.64	21.00	21.52	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.62	21.08	21.64	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.56	21.12	21.43	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.63	20.95	21.59	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.78	21.10	21.46	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.69	21.26	21.50	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	20.90	21.77	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.57	21.87	21.53	22.50
		1	137	21.25	21.34	20.71	22.50
	DFT-s-OFDM BPSK	1	271	21.12	21.31	20.73	22.50
		135	0	20.67	20.79	20.94	22.50
		135	69	20.53	20.54	20.53	22.50
	DFT-s-OFDM BPSK	135	138	20.59	20.53	20.51	22.50
		270	0	20.93	21.16	21.33	22.50
	DFT-s-OFDM QPSK	1	1	21.66	21.13	21.64	22.50
		1	137	21.47	21.36	20.68	22.50
	DFT-s-OFDM QPSK	1	271	21.25	21.18	20.84	22.50
		135	0	20.83	20.96	20.97	22.50
		135	69	20.59	20.75	20.58	22.50
		135	138	20.59	20.54	20.58	22.50
	DFT-s-OFDM QPSK	270	0	21.07	21.01	21.33	22.50
	DFT-s-OFDM 16QAM	1	1	21.41	21.29	21.16	22.50
	DFT-s-OFDM 64QAM	1	1	20.03	19.90	19.76	21.00
	DFT-s-OFDM 256QAM	1	1	17.76	18.02	18.14	19.00
CP-OFDM QPSK	1	1	19.89	19.99	20.15	21.00	
CP-OFDM 16QAM	1	1	19.74	19.68	19.74	20.50	
CP-OFDM 64QAM	1	1	17.98	18.15	18.28	19.00	
CP-OFDM 256QAM	1	1	15.41	15.38	15.46	16.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT8 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.30	24.48	24.34	26.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	24.51	24.37	24.30	26.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	24.51	24.09	24.27	26.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	24.32	24.53	24.30	26.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	24.34	24.24	24.25	26.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	24.50	24.08	24.16	26.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	24.40	24.13	24.18	26.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	24.34	24.10	24.36	26.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	24.27	24.03	24.47	26.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	24.53	24.23	24.01	26.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	24.52	24.18	24.04	26.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	24.32	24.50	24.34	26.00
		1	137	24.08	24.41	24.44	26.00
	DFT-s-OFDM BPSK	1	271	24.26	24.18	24.28	26.00
		135	0	24.22	24.26	24.44	26.00
		135	69	24.29	24.36	24.14	26.00
	DFT-s-OFDM BPSK	135	138	24.26	24.29	24.45	26.00
		270	0	23.95	23.84	23.80	25.00
	DFT-s-OFDM QPSK	1	1	24.50	24.06	24.22	26.00
		1	137	24.09	24.29	24.31	26.00
	DFT-s-OFDM QPSK	1	271	24.20	24.16	24.18	26.00
		135	0	24.22	24.37	24.40	26.00
		135	69	24.25	24.13	24.18	26.00
		135	138	24.47	24.13	24.23	26.00
	DFT-s-OFDM QPSK	270	0	23.92	23.90	23.65	25.00
	DFT-s-OFDM 16QAM	1	1	23.63	23.61	23.55	25.00
	DFT-s-OFDM 64QAM	1	1	22.28	22.37	22.39	23.50
	DFT-s-OFDM 256QAM	1	1	19.82	20.02	19.78	21.50
	CP-OFDM QPSK	1	1	22.93	22.99	22.87	24.50
CP-OFDM 16QAM	1	1	22.47	22.31	22.47	24.00	
CP-OFDM 64QAM	1	1	20.71	20.71	20.87	22.50	
CP-OFDM 256QAM	1	1	17.56	17.70	17.58	19.50	

N77-ANT8 DSI1(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.72	18.17	17.80	19.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.99	18.00	17.81	19.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	18.02	17.63	17.90	19.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	17.94	17.91	17.73	19.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	18.01	17.94	17.76	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.87	17.68	17.80	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.93	17.81	17.74	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.85	17.63	17.81	19.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	17.70	17.63	18.02	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.01	17.79	17.50	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.95	17.74	17.56	19.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	17.86	17.94	17.76	19.50
		1	137	17.61	17.83	17.83	19.50
		1	271	17.70	17.89	17.70	19.50
	DFT-s-OFDM BPSK	135	0	17.66	17.83	17.85	19.50
		135	69	17.97	17.81	17.70	19.50
		135	138	17.74	17.72	17.79	19.50
	DFT-s-OFDM BPSK	270	0	17.84	17.70	17.74	19.50
		1	1	17.80	17.99	17.74	19.50
	DFT-s-OFDM QPSK	1	137	17.93	17.77	17.86	19.50
		1	271	17.76	17.79	17.74	19.50
	DFT-s-OFDM QPSK	135	0	17.64	17.92	17.80	19.50
		135	69	17.66	17.83	17.56	19.50
		135	138	17.91	17.99	17.94	19.50
	DFT-s-OFDM QPSK	270	0	17.63	17.81	17.86	19.50
	DFT-s-OFDM 16QAM	1	1	17.95	17.94	17.96	19.50
	DFT-s-OFDM 64QAM	1	1	17.75	17.72	17.80	19.50
	DFT-s-OFDM 256QAM	1	1	17.91	17.59	17.71	19.50
CP-OFDM QPSK	1	1	17.89	17.94	17.74	19.50	
CP-OFDM 16QAM	1	1	17.71	17.95	17.72	19.50	
CP-OFDM 64QAM	1	1	17.87	17.73	17.70	19.50	
CP-OFDM 256QAM	1	1	17.53	17.64	17.54	19.50	

N77-ANT8 DSI2&3&4&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.37	16.76	16.41	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.56	16.67	16.30	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	16.62	16.09	16.33	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.45	16.43	16.49	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	16.50	16.34	16.37	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.39	16.05	16.26	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.46	16.28	16.14	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.41	16.04	16.26	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.41	16.27	16.58	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.33	16.21	16.00	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.61	16.29	16.33	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.40	16.66	16.29	18.00
		1	137	16.20	16.55	16.60	18.00
	DFT-s-OFDM BPSK	1	271	16.22	16.39	16.51	18.00
		135	0	16.21	16.14	16.39	18.00
		135	69	16.30	16.33	16.14	18.00
	DFT-s-OFDM BPSK	135	138	16.36	16.43	16.62	18.00
		270	0	16.40	16.54	16.57	18.00
	DFT-s-OFDM QPSK	1	1	16.28	16.26	16.51	18.00
		1	137	16.34	16.27	16.35	18.00
	DFT-s-OFDM QPSK	1	271	16.48	16.62	16.39	18.00
		135	0	16.52	16.56	16.36	18.00
		135	69	16.56	16.23	16.58	18.00
		135	138	16.38	16.51	16.59	18.00
	DFT-s-OFDM QPSK	270	0	16.36	16.30	16.31	18.00
	DFT-s-OFDM 16QAM	1	1	16.61	16.25	16.57	18.00
	DFT-s-OFDM 64QAM	1	1	16.19	16.35	16.41	18.00
DFT-s-OFDM 256QAM	1	1	16.25	16.30	16.34	18.00	
CP-OFDM QPSK	1	1	16.26	16.48	16.53	18.00	
CP-OFDM 16QAM	1	1	16.45	16.16	16.55	18.00	
CP-OFDM 64QAM	1	1	16.47	16.54	16.26	18.00	
CP-OFDM 256QAM	1	1	16.33	16.52	16.59	18.00	

8.5.10 NR Band77 Output Power(ENDC)

N77-ANT9 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.80	21.60	21.70	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.43	21.63	21.28	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	21.75	21.59	21.26	22.50
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	21.23	21.24	21.58	22.50
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	21.82	21.45	21.41	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.82	21.56	21.44	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.88	21.50	21.68	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.40	21.28	21.51	22.50
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.76	21.45	21.63	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.67	21.43	21.26	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.55	21.49	21.49	22.50
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	21.54	21.99	21.53	22.50
		1	137	21.14	21.24	20.70	22.50
	DFT-s-OFDM BPSK	1	271	21.04	21.26	20.81	22.50
		135	0	20.60	20.60	20.53	22.50
		135	69	20.88	21.10	20.83	22.50
	DFT-s-OFDM BPSK	135	138	20.64	20.62	20.72	22.50
		270	0	21.15	21.12	21.05	21.50
	DFT-s-OFDM QPSK	1	1	21.62	21.37	21.37	22.50
		1	137	21.04	21.24	20.83	22.50
	DFT-s-OFDM QPSK	1	271	20.94	20.94	20.90	22.50
		135	0	20.73	20.55	20.90	22.50
		135	69	20.96	21.14	20.81	22.50
		135	138	20.52	20.56	20.66	22.50
	DFT-s-OFDM QPSK	270	0	20.83	20.83	20.91	21.50
	DFT-s-OFDM 16QAM	1	1	20.71	20.59	20.51	21.50
	DFT-s-OFDM 64QAM	1	1	19.24	19.44	19.20	20.00
DFT-s-OFDM 256QAM	1	1	17.80	17.83	17.63	18.00	
CP-OFDM QPSK	1	1	20.13	20.04	20.09	21.00	
CP-OFDM 16QAM	1	1	19.17	19.33	19.11	20.50	
CP-OFDM 64QAM	1	1	17.57	17.47	17.52	19.00	
CP-OFDM 256QAM	1	1	15.80	15.57	15.58	16.00	

N77-ANT9 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.40	14.75	14.84	16.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.58	14.81	14.94	16.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	14.31	14.75	14.92	16.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	14.51	15.05	14.95	16.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	14.60	14.91	14.82	16.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.57	14.66	14.92	16.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.62	15.03	14.76	16.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.74	15.03	14.99	16.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.70	14.97	14.78	16.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.67	14.89	14.94	16.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.49	14.74	15.11	16.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	15.00	15.31	15.12	16.00
		1	137	14.65	14.62	14.14	16.00
		1	271	14.41	14.54	14.49	16.00
	DFT-s-OFDM BPSK	135	0	14.27	14.25	14.09	16.00
		135	69	14.22	14.83	14.31	16.00
		135	138	14.22	14.36	14.12	16.00
	DFT-s-OFDM BPSK	270	0	14.91	15.00	14.98	16.00
		1	1	14.47	14.86	14.89	16.00
	DFT-s-OFDM QPSK	1	137	14.94	14.72	14.52	16.00
		1	271	14.75	14.73	14.68	16.00
		135	0	14.87	14.50	15.08	16.00
	DFT-s-OFDM QPSK	135	69	14.90	14.65	14.78	16.00
		135	138	14.60	14.87	14.63	16.00
		270	0	15.02	14.77	14.78	16.00
	DFT-s-OFDM 16QAM	1	1	14.81	14.76	14.96	16.00
	DFT-s-OFDM 64QAM	1	1	14.96	15.07	14.50	16.00
	DFT-s-OFDM 256QAM	1	1	14.82	14.80	14.92	16.00
CP-OFDM QPSK	1	1	14.56	15.13	15.11	16.00	
CP-OFDM 16QAM	1	1	14.54	14.93	14.56	16.00	
CP-OFDM 64QAM	1	1	15.24	15.03	15.32	16.00	
CP-OFDM 256QAM	1	1	15.80	15.42	15.67	16.00	

N77-ANT9 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.42	17.13	17.12	18.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.96	17.03	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	664666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3969.99	
20	DFT-s-OFDM QPSK	1	1	17.28	17.05	16.67	18.00
Bandwidth (MHz)	Modulation	Channel		647500	656000	664500	Tune-up power(dB)
		RB Size	RB offset	3712.5	3840	3967.5	
25	DFT-s-OFDM QPSK	1	1	16.80	16.88	17.14	18.00
Bandwidth (MHz)	Modulation	Channel		647667	656000	664333	Tune-up power(dB)
		RB Size	RB offset	3715.01	3840	3964.99	
30	DFT-s-OFDM QPSK	1	1	17.36	16.86	17.07	18.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.33	16.99	17.04	18.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.40	16.95	17.29	18.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.03	16.84	17.08	18.00
Bandwidth (MHz)	Modulation	Channel		649001	656000	662999	Tune-up power(dB)
		RB Size	RB offset	3735.02	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	17.27	17.12	17.24	18.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.30	16.96	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.02	16.87	17.09	18.00
Bandwidth (MHz)	Modulation	Channel		650000	656000	662000	Tune-up power(dB)
		RB Size	RB offset	3750	3840	3930	
100	DFT-s-OFDM BPSK	1	1	16.95	17.42	17.19	18.00
		1	137	16.57	16.72	16.24	18.00
	DFT-s-OFDM BPSK	1	271	16.58	16.77	16.31	18.00
		135	0	16.12	16.11	16.09	18.00
		135	69	16.33	16.68	16.42	18.00
	DFT-s-OFDM BPSK	135	138	16.06	16.22	16.26	18.00
		270	0	17.04	16.92	16.83	18.00
	DFT-s-OFDM QPSK	1	1	16.68	16.91	16.76	18.00
		1	137	16.82	16.68	16.73	18.00
	DFT-s-OFDM QPSK	1	271	16.75	16.69	16.66	18.00
		135	0	16.87	16.59	17.02	18.00
		135	69	16.80	16.78	16.83	18.00
		135	138	16.59	16.95	16.84	18.00
	DFT-s-OFDM QPSK	270	0	16.89	16.77	16.96	18.00
	DFT-s-OFDM 16QAM	1	1	16.85	16.85	16.97	18.00
	DFT-s-OFDM 64QAM	1	1	16.79	16.93	16.57	18.00
DFT-s-OFDM 256QAM	1	1	16.72	16.90	16.90	18.00	
CP-OFDM QPSK	1	1	16.70	17.02	17.03	18.00	
CP-OFDM 16QAM	1	1	16.63	16.91	16.73	18.00	
CP-OFDM 64QAM	1	1	17.28	16.80	17.12	18.00	
CP-OFDM 256QAM	1	1	15.73	15.63	15.58	16.00	

8.5.11 NR Band78 Output Power

N78-ANT6 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	27.23	27.32	27.53	28.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	27.33	27.41	27.36	28.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	26.95	26.84	27.16	28.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	26.62	26.60	26.64	28.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	26.84	26.98	27.01	28.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	27.07	27.17	27.15	28.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.80	26.81	26.97	28.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.79	26.80	27.14	28.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	27.03	27.17	27.05	28.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	27.01	26.83	26.92	28.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	27.07	26.80	27.14	28.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	27.34	/	28.50
		1	137	/	27.60	/	28.50
		1	271	/	27.15	/	28.50
	DFT-s-OFDM BPSK	135	0	/	26.64	/	28.50
		135	69	/	27.12	/	28.50
		135	138	/	27.04	/	28.50
	DFT-s-OFDM BPSK	270	0	/	27.01	/	27.50
	DFT-s-OFDM QPSK	1	1	/	26.98	/	28.50
		1	137	/	27.62	/	28.50
		1	271	/	26.98	/	28.50
	DFT-s-OFDM QPSK	135	0	/	26.56	/	28.50
		135	69	/	26.88	/	28.50
		135	138	/	27.00	/	28.50
	DFT-s-OFDM QPSK	270	0	/	27.17	/	27.50
	DFT-s-OFDM 16QAM	1	1	/	26.12	/	27.50
	DFT-s-OFDM 64QAM	1	1	/	24.89	/	26.00
	DFT-s-OFDM 256QAM	1	1	/	22.87	/	24.00
CP-OFDM QPSK	1	1	/	25.64	/	27.00	
CP-OFDM 16QAM	1	1	/	25.08	/	26.50	
CP-OFDM 64QAM	1	1	/	23.74	/	25.00	
CP-OFDM 256QAM	1	1	/	20.43	/	22.00	

N78-ANT6 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.74	14.92	15.04	16.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.75	15.04	15.00	16.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.36	14.36	14.71	16.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	14.04	14.08	14.22	16.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	14.47	14.49	14.45	16.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.71	14.67	14.79	16.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.40	14.30	14.52	16.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.33	14.38	14.76	16.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.52	14.76	14.67	16.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.57	14.28	14.39	16.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.67	14.34	14.65	16.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	14.81	/	16.00
		1	137	/	15.01	/	16.00
		1	271	/	14.77	/	16.00
	DFT-s-OFDM BPSK	135	0	/	14.20	/	16.00
		135	69	/	14.56	/	16.00
		135	138	/	14.66	/	16.00
	DFT-s-OFDM BPSK	270	0	/	14.80	/	16.00
	DFT-s-OFDM QPSK	1	1	/	14.54	/	16.00
		1	137	/	14.42	/	16.00
		1	271	/	14.67	/	16.00
	DFT-s-OFDM QPSK	135	0	/	14.58	/	16.00
		135	69	/	14.49	/	16.00
		135	138	/	14.50	/	16.00
	DFT-s-OFDM QPSK	270	0	/	14.80	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.80	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	14.43	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	14.73	/	16.00
CP-OFDM QPSK	1	1	/	14.53	/	16.00	
CP-OFDM 16QAM	1	1	/	14.53	/	16.00	
CP-OFDM 64QAM	1	1	/	14.47	/	16.00	
CP-OFDM 256QAM	1	1	/	14.52	/	16.00	

N78-ANT6 DSI2&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.67	17.91	18.14	19.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.94	17.84	17.91	19.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	17.45	17.46	17.76	19.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	17.11	17.14	17.11	19.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	17.40	17.59	17.65	19.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.61	17.61	17.79	19.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	17.29	17.28	17.60	19.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.38	17.32	17.61	19.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	17.53	17.59	17.54	19.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.62	17.24	17.41	19.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.60	17.30	17.55	19.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	17.79	/	19.00
		1	137	/	18.12	/	19.00
		1	271	/	17.62	/	19.00
	DFT-s-OFDM BPSK	135	0	/	17.17	/	19.00
		135	69	/	17.57	/	19.00
		135	138	/	17.66	/	19.00
	DFT-s-OFDM BPSK	270	0	/	17.62	/	19.00
	DFT-s-OFDM QPSK	1	1	/	17.62	/	19.00
		1	137	/	17.60	/	19.00
		1	271	/	17.79	/	19.00
	DFT-s-OFDM QPSK	135	0	/	17.41	/	19.00
		135	69	/	17.44	/	19.00
		135	138	/	17.70	/	19.00
	DFT-s-OFDM QPSK	270	0	/	17.56	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.62	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.71	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	17.76	/	19.00
	CP-OFDM QPSK	1	1	/	17.53	/	19.00
CP-OFDM 16QAM	1	1	/	17.58	/	19.00	
CP-OFDM 64QAM	1	1	/	17.75	/	19.00	
CP-OFDM 256QAM	1	1	/	17.77	/	19.00	

8.5.11 NR Band78 Output Power

N78-ANT7 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	23.99	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	24.15	23.90	23.85	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	23.88	23.74	23.90	24.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	23.60	23.64	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	23.71	23.60	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.88	23.78	23.71	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.76	23.76	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.56	23.80	23.81	24.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.51	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.55	23.90	23.57	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.69	23.75	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	24.05	/	24.50
		1	137	/	23.31	/	24.50
		1	271	/	23.21	/	24.50
	DFT-s-OFDM BPSK	135	0	/	22.78	/	24.50
		135	69	/	23.51	/	24.50
		135	138	/	22.89	/	24.50
	DFT-s-OFDM BPSK	270	0	/	23.70	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.70	/	24.50
		1	137	/	24.12	/	24.50
		1	271	/	23.77	/	24.50
	DFT-s-OFDM QPSK	135	0	/	23.60	/	24.50
		135	69	/	23.80	/	24.50
		135	138	/	23.70	/	24.50
	DFT-s-OFDM QPSK	270	0	/	23.84	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.40	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	22.04	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.04	/	21.00
CP-OFDM QPSK	1	1	/	22.89	/	23.00	
CP-OFDM 16QAM	1	1	/	22.48	/	22.50	
CP-OFDM 64QAM	1	1	/	20.63	/	21.00	
CP-OFDM 256QAM	1	1	/	17.65	/	18.00	

N78-ANT7 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.53	13.43	13.53	14.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.77	13.34	13.41	14.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	13.42	13.37	13.54	14.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	13.13	13.07	13.07	14.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	13.24	13.21	13.21	14.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.51	13.41	13.32	14.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	13.26	13.33	13.42	14.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	13.06	13.41	13.26	14.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.35	13.45	12.93	14.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.10	13.39	13.02	14.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.20	13.29	13.22	14.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	13.50	/	14.00
		1	137	/	12.75	/	14.00
		1	271	/	12.75	/	14.00
	DFT-s-OFDM BPSK	135	0	/	12.28	/	14.00
		135	69	/	12.93	/	14.00
		135	138	/	13.29	/	14.00
	DFT-s-OFDM BPSK	270	0	/	13.32	/	14.00
	DFT-s-OFDM QPSK	1	1	/	13.21	/	14.00
		1	137	/	13.59	/	14.00
		1	271	/	13.55	/	14.00
	DFT-s-OFDM QPSK	135	0	/	13.49	/	14.00
		135	69	/	13.49	/	14.00
		135	138	/	13.48	/	14.00
	DFT-s-OFDM QPSK	270	0	/	13.53	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	13.42	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	13.50	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	13.30	/	14.00
CP-OFDM QPSK	1	1	/	13.57	/	14.00	
CP-OFDM 16QAM	1	1	/	13.41	/	14.00	
CP-OFDM 64QAM	1	1	/	13.40	/	14.00	
CP-OFDM 256QAM	1	1	/	13.38	/	14.00	

N78-ANT7 DSI2&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	23.99	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	24.15	23.90	23.85	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	23.88	23.74	23.90	24.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	23.60	23.64	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	23.71	23.60	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.88	23.78	23.71	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.76	23.76	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.56	23.80	23.81	24.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.51	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.55	23.90	23.57	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.69	23.75	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	24.05	/	24.50
		1	137	/	23.31	/	24.50
		1	271	/	23.21	/	24.50
	DFT-s-OFDM BPSK	135	0	/	22.78	/	24.50
		135	69	/	23.51	/	24.50
		135	138	/	22.89	/	24.50
	DFT-s-OFDM BPSK	270	0	/	23.70	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.70	/	24.50
		1	137	/	24.12	/	24.50
		1	271	/	23.77	/	24.50
	DFT-s-OFDM QPSK	135	0	/	23.60	/	24.50
		135	69	/	23.80	/	24.50
		135	138	/	23.70	/	24.50
	DFT-s-OFDM QPSK	270	0	/	23.84	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.40	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	22.04	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.04	/	21.00
CP-OFDM QPSK	1	1	/	22.89	/	23.00	
CP-OFDM 16QAM	1	1	/	22.48	/	22.50	
CP-OFDM 64QAM	1	1	/	20.63	/	21.00	
CP-OFDM 256QAM	1	1	/	17.65	/	18.00	

N78-ANT7 DSI3(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.50	16.48	16.62	17.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.76	16.47	16.32	17.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	16.47	16.23	16.39	17.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	16.20	16.12	16.20	17.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	16.32	16.05	16.22	17.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.51	16.31	16.31	17.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.20	16.31	16.40	17.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.13	16.32	16.29	17.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.37	16.29	16.09	17.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.01	16.41	15.98	17.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.21	16.28	16.17	17.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	16.42	/	17.00
		1	137	/	15.81	/	17.00
		1	271	/	15.76	/	17.00
	DFT-s-OFDM BPSK	135	0	/	15.34	/	17.00
		135	69	/	16.01	/	17.00
		135	138	/	16.34	/	17.00
	DFT-s-OFDM BPSK	270	0	/	16.61	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.28	/	17.00
		1	137	/	16.61	/	17.00
		1	271	/	16.51	/	17.00
	DFT-s-OFDM QPSK	135	0	/	16.29	/	17.00
		135	69	/	16.57	/	17.00
		135	138	/	16.59	/	17.00
	DFT-s-OFDM QPSK	270	0	/	16.48	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	16.27	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	16.32	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	16.32	/	17.00
CP-OFDM QPSK	1	1	/	16.55	/	17.00	
CP-OFDM 16QAM	1	1	/	16.45	/	17.00	
CP-OFDM 64QAM	1	1	/	16.40	/	17.00	
CP-OFDM 256QAM	1	1	/	16.28	/	17.00	

8.5.11 NR Band78 Output Power

N78-ANT8 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	26.41	26.59	26.43	28.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	26.39	26.36	26.27	28.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	26.73	26.51	26.55	28.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	26.25	26.54	26.25	28.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	26.68	26.58	26.54	28.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	26.72	26.72	26.66	28.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.36	26.56	26.60	28.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.44	26.51	26.63	28.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	26.61	26.65	26.55	28.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.53	26.65	26.39	28.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.58	26.42	26.72	28.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	26.42	/	28.00
		1	137	/	26.33	/	28.00
		1	271	/	26.20	/	28.00
	DFT-s-OFDM BPSK	135	0	/	26.19	/	28.00
		135	69	/	26.21	/	28.00
		135	138	/	26.12	/	28.00
	DFT-s-OFDM BPSK	270	0	/	26.13	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.53	/	28.00
		1	137	/	26.03	/	28.00
		1	271	/	26.14	/	28.00
	DFT-s-OFDM QPSK	135	0	/	26.03	/	28.00
		135	69	/	26.32	/	28.00
		135	138	/	26.08	/	28.00
	DFT-s-OFDM QPSK	270	0	/	25.90	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	25.54	/	27.00
	DFT-s-OFDM 64QAM	1	1	/	24.16	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.01	/	23.50
CP-OFDM QPSK	1	1	/	24.87	/	26.50	
CP-OFDM 16QAM	1	1	/	24.21	/	26.00	
CP-OFDM 64QAM	1	1	/	22.65	/	24.50	
CP-OFDM 256QAM	1	1	/	19.60	/	21.50	

N78-ANT8 DSI1(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.89	20.06	20.00	21.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.97	19.81	19.87	21.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	20.24	20.04	20.04	21.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	19.79	20.01	19.67	21.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	20.26	20.10	20.04	21.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	20.15	20.34	20.10	21.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.81	20.03	20.08	21.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	20.02	20.04	20.27	21.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	20.08	20.20	20.07	21.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.99	20.20	19.87	21.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	20.03	19.92	20.31	21.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	20.01	/	21.50
		1	137	/	19.75	/	21.50
		1	271	/	19.74	/	21.50
	DFT-s-OFDM BPSK	135	0	/	19.72	/	21.50
		135	69	/	19.66	/	21.50
		135	138	/	19.66	/	21.50
	DFT-s-OFDM BPSK	270	0	/	19.64	/	21.50
	DFT-s-OFDM QPSK	1	1	/	19.96	/	21.50
		1	137	/	19.75	/	21.50
		1	271	/	19.77	/	21.50
	DFT-s-OFDM QPSK	135	0	/	19.63	/	21.50
		135	69	/	19.80	/	21.50
		135	138	/	19.85	/	21.50
	DFT-s-OFDM QPSK	270	0	/	19.79	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	19.98	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.83	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	19.71	/	21.50
CP-OFDM QPSK	1	1	/	19.79	/	21.50	
CP-OFDM 16QAM	1	1	/	19.77	/	21.50	
CP-OFDM 64QAM	1	1	/	19.62	/	21.50	
CP-OFDM 256QAM	1	1	/	19.65	/	21.50	

N78-ANT8 DSI2&3&4&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.51	18.52	18.57	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.34	18.45	18.20	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	18.90	18.59	18.77	20.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	18.24	18.60	18.25	20.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	18.76	18.53	18.54	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.94	18.89	18.76	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.32	18.69	18.51	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.59	18.48	18.82	20.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.53	18.73	18.52	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.71	18.81	18.54	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.67	18.66	18.90	20.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	18.33	/	20.00
		1	137	/	18.35	/	20.00
		1	271	/	18.27	/	20.00
	DFT-s-OFDM BPSK	135	0	/	18.16	/	20.00
		135	69	/	18.39	/	20.00
		135	138	/	18.26	/	20.00
	DFT-s-OFDM BPSK	270	0	/	18.41	/	20.00
	DFT-s-OFDM QPSK	1	1	/	18.25	/	20.00
		1	137	/	18.24	/	20.00
		1	271	/	18.40	/	20.00
	DFT-s-OFDM QPSK	135	0	/	18.61	/	20.00
		135	69	/	18.34	/	20.00
		135	138	/	18.39	/	20.00
	DFT-s-OFDM QPSK	270	0	/	18.52	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.50	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	18.43	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	18.39	/	20.00
CP-OFDM QPSK	1	1	/	18.27	/	20.00	
CP-OFDM 16QAM	1	1	/	18.40	/	20.00	
CP-OFDM 64QAM	1	1	/	18.21	/	20.00	
CP-OFDM 256QAM	1	1	/	18.61	/	20.00	

8.5.11 NR Band78 Output Power

N78-ANT9 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	22.60	22.56	22.63	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	22.54	22.55	22.57	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	22.54	22.56	22.68	24.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	22.59	22.64	22.53	24.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	22.57	22.57	22.61	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	22.61	22.76	22.52	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	22.52	22.74	22.71	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	22.59	22.57	22.73	24.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	22.77	22.54	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	22.70	22.72	22.73	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	22.59	22.52	22.64	24.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	22.58	/	24.50
		1	137	/	22.60	/	24.50
		1	271	/	22.56	/	24.50
	DFT-s-OFDM BPSK	135	0	/	22.65	/	24.50
		135	69	/	22.68	/	24.50
		135	138	/	22.51	/	24.50
	DFT-s-OFDM BPSK	270	0	/	22.40	/	23.50
	DFT-s-OFDM QPSK	1	1	/	22.58	/	24.50
		1	137	/	22.71	/	24.50
		1	271	/	22.56	/	24.50
	DFT-s-OFDM QPSK	135	0	/	22.53	/	24.50
		135	69	/	22.88	/	24.50
		135	138	/	22.75	/	24.50
	DFT-s-OFDM QPSK	270	0	/	22.31	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.12	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.56	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.64	/	20.00
CP-OFDM QPSK	1	1	/	22.08	/	23.00	
CP-OFDM 16QAM	1	1	/	21.73	/	22.50	
CP-OFDM 64QAM	1	1	/	20.26	/	21.00	
CP-OFDM 256QAM	1	1	/	17.39	/	18.00	

N78-ANT9 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.17	14.16	14.18	16.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.06	14.02	14.01	16.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.05	14.17	14.30	16.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	14.12	14.13	14.15	16.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	14.09	14.11	14.21	16.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.07	14.37	14.09	16.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.10	14.22	14.25	16.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.21	14.10	14.28	16.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.30	14.08	14.18	16.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.17	14.17	14.33	16.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.06	14.06	14.28	16.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	14.10	/	16.00
		1	137	/	14.16	/	16.00
		1	271	/	14.05	/	16.00
	DFT-s-OFDM BPSK	135	0	/	14.14	/	16.00
		135	69	/	14.16	/	16.00
		135	138	/	14.06	/	16.00
	DFT-s-OFDM BPSK	270	0	/	14.05	/	16.00
	DFT-s-OFDM QPSK	1	1	/	14.14	/	16.00
		1	137	/	14.08	/	16.00
		1	271	/	14.11	/	16.00
	DFT-s-OFDM QPSK	135	0	/	14.02	/	16.00
		135	69	/	14.12	/	16.00
		135	138	/	14.04	/	16.00
	DFT-s-OFDM QPSK	270	0	/	14.05	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.02	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	14.17	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	14.02	/	16.00
	CP-OFDM QPSK	1	1	/	14.03	/	16.00
CP-OFDM 16QAM	1	1	/	14.08	/	16.00	
CP-OFDM 64QAM	1	1	/	14.01	/	16.00	
CP-OFDM 256QAM	1	1	/	14.06	/	16.00	

N78-ANT9 DSI2&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.70	16.56	16.76	18.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.60	16.63	16.69	18.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	16.60	16.67	16.79	18.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	16.65	16.68	16.54	18.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	16.65	16.63	16.63	18.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.62	16.79	16.61	18.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.59	16.87	16.71	18.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.71	16.59	16.86	18.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.87	16.65	16.83	18.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.80	16.75	16.74	18.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.72	16.52	16.67	18.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	16.71	/	18.50
		1	137	/	16.70	/	18.50
		1	271	/	16.62	/	18.50
	DFT-s-OFDM BPSK	135	0	/	16.79	/	18.50
		135	69	/	16.70	/	18.50
		135	138	/	16.59	/	18.50
	DFT-s-OFDM BPSK	270	0	/	16.67	/	18.50
	DFT-s-OFDM QPSK	1	1	/	16.54	/	18.50
		1	137	/	16.71	/	18.50
		1	271	/	16.57	/	18.50
	DFT-s-OFDM QPSK	135	0	/	16.68	/	18.50
		135	69	/	16.53	/	18.50
		135	138	/	16.60	/	18.50
	DFT-s-OFDM QPSK	270	0	/	16.52	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	16.53	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.52	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	16.64	/	18.50
CP-OFDM QPSK	1	1	/	16.50	/	18.50	
CP-OFDM 16QAM	1	1	/	16.60	/	18.50	
CP-OFDM 64QAM	1	1	/	16.52	/	18.50	
CP-OFDM 256QAM	1	1	/	16.58	/	18.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT6 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	27.23	27.32	27.53	28.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	27.33	27.41	27.36	28.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	26.95	26.84	27.16	28.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	26.62	26.60	26.64	28.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	26.84	26.98	27.01	28.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	27.07	27.17	27.15	28.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.80	26.81	26.97	28.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.79	26.80	27.14	28.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	27.03	27.17	27.05	28.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	27.01	26.83	26.92	28.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	27.07	26.80	27.14	28.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	27.34	/	28.50
		1	137	/	27.60	/	28.50
	DFT-s-OFDM BPSK	1	271	/	27.15	/	28.50
		135	0	/	26.64	/	28.50
		135	69	/	27.12	/	28.50
	DFT-s-OFDM BPSK	135	138	/	27.04	/	28.50
		270	0	/	27.01	/	27.50
	DFT-s-OFDM QPSK	1	1	/	26.98	/	28.50
		1	137	/	27.62	/	28.50
	DFT-s-OFDM QPSK	1	271	/	26.98	/	28.50
		135	0	/	26.56	/	28.50
		135	69	/	26.88	/	28.50
		135	138	/	27.00	/	28.50
	DFT-s-OFDM QPSK	270	0	/	27.17	/	27.50
	DFT-s-OFDM 16QAM	1	1	/	26.12	/	27.50
	DFT-s-OFDM 64QAM	1	1	/	24.89	/	26.00
	DFT-s-OFDM 256QAM	1	1	/	22.87	/	24.00
	CP-OFDM QPSK	1	1	/	25.64	/	27.00
CP-OFDM 16QAM	1	1	/	25.08	/	26.50	
CP-OFDM 64QAM	1	1	/	23.74	/	25.00	
CP-OFDM 256QAM	1	1	/	20.43	/	22.00	

N78-ANT6 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.24	13.42	13.54	14.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.25	13.54	13.50	14.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	12.86	12.86	13.21	14.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	12.54	12.58	12.72	14.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	12.97	12.99	12.95	14.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.21	13.17	13.29	14.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	12.90	12.80	13.02	14.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	12.83	12.88	13.26	14.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.02	13.26	13.17	14.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.07	12.78	12.89	14.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.17	12.84	13.15	14.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	13.31	/	14.50
		1	137	/	13.51	/	14.50
		1	271	/	13.27	/	14.50
	DFT-s-OFDM BPSK	135	0	/	12.70	/	14.50
		135	69	/	13.06	/	14.50
		135	138	/	13.16	/	14.50
	DFT-s-OFDM BPSK	270	0	/	13.30	/	14.50
	DFT-s-OFDM QPSK	1	1	/	13.04	/	14.50
		1	137	/	12.92	/	14.50
		1	271	/	13.17	/	14.50
	DFT-s-OFDM QPSK	135	0	/	13.08	/	14.50
		135	69	/	12.99	/	14.50
		135	138	/	13.00	/	14.50
	DFT-s-OFDM QPSK	270	0	/	13.30	/	14.50
	DFT-s-OFDM 16QAM	1	1	/	13.30	/	14.50
	DFT-s-OFDM 64QAM	1	1	/	12.93	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	13.23	/	14.50
	CP-OFDM QPSK	1	1	/	13.03	/	14.50
CP-OFDM 16QAM	1	1	/	13.03	/	14.50	
CP-OFDM 64QAM	1	1	/	12.97	/	14.50	
CP-OFDM 256QAM	1	1	/	13.02	/	14.50	

N78-ANT6 DS12&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.17	16.41	16.64	17.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.44	16.34	16.41	17.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	15.95	15.96	16.26	17.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	15.61	15.64	15.61	17.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	15.90	16.09	16.15	17.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.11	16.11	16.29	17.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	15.79	15.78	16.10	17.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.88	15.82	16.11	17.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.03	16.09	16.04	17.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.12	15.74	15.91	17.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.10	15.80	16.05	17.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	16.29	/	17.50
		1	137	/	16.62	/	17.50
		1	271	/	16.12	/	17.50
	DFT-s-OFDM BPSK	135	0	/	15.67	/	17.50
		135	69	/	16.07	/	17.50
		135	138	/	16.16	/	17.50
	DFT-s-OFDM BPSK	270	0	/	16.12	/	17.50
		1	1	/	16.12	/	17.50
		1	137	/	16.10	/	17.50
	DFT-s-OFDM QPSK	1	271	/	16.29	/	17.50
		135	0	/	15.91	/	17.50
		135	69	/	15.94	/	17.50
	DFT-s-OFDM QPSK	135	138	/	16.20	/	17.50
		270	0	/	16.06	/	17.50
		1	1	/	16.12	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.12	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.21	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	16.26	/	17.50
CP-OFDM QPSK	1	1	/	16.03	/	17.50	
CP-OFDM 16QAM	1	1	/	16.08	/	17.50	
CP-OFDM 64QAM	1	1	/	16.25	/	17.50	
CP-OFDM 256QAM	1	1	/	16.27	/	17.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT7 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.02	23.99	24.05	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	24.15	23.90	23.85	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	23.88	23.74	23.90	24.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	23.60	23.64	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	23.71	23.60	23.79	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	23.88	23.78	23.71	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	23.76	23.76	23.86	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	23.56	23.80	23.81	24.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	23.88	23.81	23.51	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	23.55	23.90	23.57	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	23.69	23.75	23.62	24.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	24.05	/	24.50
		1	137	/	23.31	/	24.50
	DFT-s-OFDM BPSK	1	271	/	23.21	/	24.50
		135	0	/	22.78	/	24.50
		135	69	/	23.51	/	24.50
	DFT-s-OFDM BPSK	135	138	/	22.89	/	24.50
		270	0	/	23.70	/	24.50
	DFT-s-OFDM QPSK	1	1	/	23.70	/	24.50
		1	137	/	24.12	/	24.50
	DFT-s-OFDM QPSK	1	271	/	23.77	/	24.50
		135	0	/	23.60	/	24.50
		135	69	/	23.80	/	24.50
		135	138	/	23.70	/	24.50
	DFT-s-OFDM QPSK	270	0	/	23.84	/	24.50
	DFT-s-OFDM 16QAM	1	1	/	23.40	/	24.50
	DFT-s-OFDM 64QAM	1	1	/	22.04	/	23.00
	DFT-s-OFDM 256QAM	1	1	/	20.04	/	21.00
	CP-OFDM QPSK	1	1	/	22.89	/	23.00
CP-OFDM 16QAM	1	1	/	22.48	/	22.50	
CP-OFDM 64QAM	1	1	/	20.63	/	21.00	
CP-OFDM 256QAM	1	1	/	17.65	/	18.00	

N78-ANT7 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	12.03	11.93	12.03	12.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	12.27	11.84	11.91	12.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	11.92	11.87	12.04	12.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	11.63	11.57	11.57	12.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	11.74	11.71	11.71	12.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	12.01	11.91	11.82	12.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	11.76	11.83	11.92	12.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	11.56	11.91	11.76	12.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	11.85	11.95	11.43	12.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	11.60	11.89	11.52	12.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	11.70	11.79	11.72	12.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	12.00	/	12.50
		1	137	/	11.25	/	12.50
	DFT-s-OFDM BPSK	1	271	/	11.25	/	12.50
		135	0	/	10.78	/	12.50
		135	69	/	11.43	/	12.50
	DFT-s-OFDM BPSK	135	138	/	11.79	/	12.50
		270	0	/	11.82	/	12.50
	DFT-s-OFDM QPSK	1	1	/	11.71	/	12.50
		1	137	/	12.09	/	12.50
	DFT-s-OFDM QPSK	1	271	/	12.05	/	12.50
		135	0	/	11.99	/	12.50
		135	69	/	11.99	/	12.50
		135	138	/	11.98	/	12.50
	DFT-s-OFDM QPSK	270	0	/	12.03	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.92	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	12.00	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	11.80	/	12.50
	CP-OFDM QPSK	1	1	/	12.07	/	12.50
CP-OFDM 16QAM	1	1	/	11.91	/	12.50	
CP-OFDM 64QAM	1	1	/	11.90	/	12.50	
CP-OFDM 256QAM	1	1	/	11.88	/	12.50	

N78-ANT7 DS12&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.80	18.09	17.86	19.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	17.91	18.05	18.01	19.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	17.95	17.81	18.15	19.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	17.82	18.09	18.12	19.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	18.16	17.87	18.01	19.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	17.99	17.94	17.87	19.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.00	17.89	18.05	19.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	17.96	17.81	17.92	19.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.14	17.85	18.13	19.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	17.84	18.04	18.01	19.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	17.89	17.90	17.86	19.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	17.83	/	19.50
		1	137	/	17.81	/	19.50
		1	271	/	18.11	/	19.50
	DFT-s-OFDM BPSK	135	0	/	18.08	/	19.50
		135	69	/	17.83	/	19.50
		135	138	/	18.18	/	19.50
	DFT-s-OFDM BPSK	270	0	/	17.97	/	19.50
		1	1	/	17.89	/	19.50
	DFT-s-OFDM QPSK	1	137	/	18.12	/	19.50
		1	271	/	17.94	/	19.50
		135	0	/	18.43	/	19.50
	DFT-s-OFDM QPSK	135	69	/	18.49	/	19.50
		135	138	/	18.55	/	19.50
		270	0	/	18.52	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.67	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.47	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.69	/	19.50
	CP-OFDM QPSK	1	1	/	18.51	/	19.50
CP-OFDM 16QAM	1	1	/	18.65	/	19.50	
CP-OFDM 64QAM	1	1	/	18.35	/	19.50	
CP-OFDM 256QAM	1	1	/	16.99	/	18.00	

N78-ANT7 DSI3(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	13.00	12.98	13.12	13.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	13.26	12.97	12.82	13.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	12.97	12.73	12.89	13.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	12.70	12.62	12.70	13.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	12.82	12.55	12.72	13.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	13.01	12.81	12.81	13.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	12.70	12.81	12.90	13.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	12.63	12.82	12.79	13.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	12.87	12.79	12.59	13.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	12.51	12.91	12.48	13.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	12.71	12.78	12.67	13.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	12.92	/	13.50
		1	137	/	12.31	/	13.50
	DFT-s-OFDM BPSK	1	271	/	12.26	/	13.50
		135	0	/	11.84	/	13.50
		135	69	/	12.51	/	13.50
	DFT-s-OFDM BPSK	135	138	/	12.84	/	13.50
		270	0	/	13.11	/	13.50
	DFT-s-OFDM QPSK	1	1	/	12.78	/	13.50
		1	137	/	13.11	/	13.50
		1	271	/	13.01	/	13.50
	DFT-s-OFDM QPSK	135	0	/	12.79	/	13.50
		135	69	/	13.07	/	13.50
		135	138	/	13.09	/	13.50
	DFT-s-OFDM QPSK	270	0	/	12.98	/	13.50
	DFT-s-OFDM 16QAM	1	1	/	12.77	/	13.50
	DFT-s-OFDM 64QAM	1	1	/	12.82	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	12.82	/	13.50
	CP-OFDM QPSK	1	1	/	13.05	/	13.50
CP-OFDM 16QAM	1	1	/	12.95	/	13.50	
CP-OFDM 64QAM	1	1	/	12.90	/	13.50	
CP-OFDM 256QAM	1	1	/	12.78	/	13.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT8 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	26.41	26.59	26.43	28.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	26.39	26.36	26.27	28.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	26.73	26.51	26.55	28.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	26.25	26.54	26.25	28.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	26.68	26.58	26.54	28.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	26.72	26.72	26.66	28.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	26.36	26.56	26.60	28.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	26.44	26.51	26.63	28.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	26.61	26.65	26.55	28.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	26.53	26.65	26.39	28.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	26.58	26.42	26.72	28.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	26.42	/	28.00
		1	137	/	26.33	/	28.00
	DFT-s-OFDM BPSK	1	271	/	26.20	/	28.00
		135	0	/	26.19	/	28.00
		135	69	/	26.21	/	28.00
	DFT-s-OFDM BPSK	135	138	/	26.12	/	28.00
		270	0	/	26.13	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.53	/	28.00
		1	137	/	26.03	/	28.00
	DFT-s-OFDM QPSK	1	271	/	26.14	/	28.00
		135	0	/	26.03	/	28.00
		135	69	/	26.32	/	28.00
		135	138	/	26.08	/	28.00
	DFT-s-OFDM QPSK	270	0	/	25.90	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	25.54	/	27.00
	DFT-s-OFDM 64QAM	1	1	/	24.16	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.01	/	23.50
	CP-OFDM QPSK	1	1	/	24.87	/	26.50
CP-OFDM 16QAM	1	1	/	24.21	/	26.00	
CP-OFDM 64QAM	1	1	/	22.65	/	24.50	
CP-OFDM 256QAM	1	1	/	19.60	/	21.50	

N78-ANT8 DSI1(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	19.39	19.56	19.50	21.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	19.47	19.31	19.37	21.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	19.74	19.54	19.54	21.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	19.29	19.51	19.17	21.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	19.76	19.60	19.54	21.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	19.65	19.84	19.60	21.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	19.31	19.53	19.58	21.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	19.52	19.54	19.77	21.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	19.58	19.70	19.57	21.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	19.49	19.70	19.37	21.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	19.53	19.42	19.81	21.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	19.51	/	21.00
		1	137	/	19.25	/	21.00
	DFT-s-OFDM BPSK	1	271	/	19.24	/	21.00
		135	0	/	19.22	/	21.00
		135	69	/	19.16	/	21.00
	DFT-s-OFDM BPSK	135	138	/	19.16	/	21.00
		270	0	/	19.14	/	21.00
	DFT-s-OFDM QPSK	1	1	/	19.46	/	21.00
		1	137	/	19.25	/	21.00
	DFT-s-OFDM QPSK	1	271	/	19.27	/	21.00
		135	0	/	19.13	/	21.00
		135	69	/	19.30	/	21.00
	DFT-s-OFDM QPSK	135	138	/	19.35	/	21.00
		270	0	/	19.29	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	19.48	/	21.00
	DFT-s-OFDM 64QAM	1	1	/	19.33	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	19.21	/	21.00
	CP-OFDM QPSK	1	1	/	19.29	/	21.00
CP-OFDM 16QAM	1	1	/	19.27	/	21.00	
CP-OFDM 64QAM	1	1	/	19.12	/	21.00	
CP-OFDM 256QAM	1	1	/	19.15	/	21.00	

N78-ANT8 DS12&3&4&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	18.51	18.52	18.57	20.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	18.34	18.45	18.20	20.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	18.90	18.59	18.77	20.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	18.24	18.60	18.25	20.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	18.76	18.53	18.54	20.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	18.94	18.89	18.76	20.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	18.32	18.69	18.51	20.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	18.59	18.48	18.82	20.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	18.53	18.73	18.52	20.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	18.71	18.81	18.54	20.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	18.67	18.66	18.90	20.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	18.33	/	20.00
		1	137	/	18.35	/	20.00
		1	271	/	18.27	/	20.00
	DFT-s-OFDM BPSK	135	0	/	18.16	/	20.00
		135	69	/	18.39	/	20.00
		135	138	/	18.26	/	20.00
	DFT-s-OFDM BPSK	270	0	/	18.41	/	20.00
		1	1	/	18.25	/	20.00
		1	137	/	18.24	/	20.00
	DFT-s-OFDM QPSK	1	271	/	18.40	/	20.00
		135	0	/	18.61	/	20.00
		135	69	/	18.34	/	20.00
	DFT-s-OFDM QPSK	135	138	/	18.39	/	20.00
		270	0	/	18.52	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.50	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	18.43	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	18.39	/	20.00
	CP-OFDM QPSK	1	1	/	18.27	/	20.00
CP-OFDM 16QAM	1	1	/	18.40	/	20.00	
CP-OFDM 64QAM	1	1	/	18.21	/	20.00	
CP-OFDM 256QAM	1	1	/	18.61	/	20.00	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT9 Full power(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	22.60	22.56	22.63	24.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	22.54	22.55	22.57	24.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	22.54	22.56	22.68	24.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	22.59	22.64	22.53	24.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	22.57	22.57	22.61	24.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	22.61	22.76	22.52	24.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	22.52	22.74	22.71	24.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	22.59	22.57	22.73	24.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	22.77	22.54	22.69	24.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	22.70	22.72	22.73	24.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	22.59	22.52	22.64	24.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	22.58	/	24.50
		1	137	/	22.60	/	24.50
	DFT-s-OFDM BPSK	1	271	/	22.56	/	24.50
		135	0	/	22.65	/	24.50
		135	69	/	22.68	/	24.50
	DFT-s-OFDM BPSK	135	138	/	22.51	/	24.50
		270	0	/	22.40	/	23.50
	DFT-s-OFDM QPSK	1	1	/	22.58	/	24.50
		1	137	/	22.71	/	24.50
	DFT-s-OFDM QPSK	1	271	/	22.56	/	24.50
		135	0	/	22.53	/	24.50
		135	69	/	22.88	/	24.50
		135	138	/	22.75	/	24.50
	DFT-s-OFDM QPSK	270	0	/	22.31	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.12	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	21.56	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	19.64	/	20.00
	CP-OFDM QPSK	1	1	/	22.08	/	23.00
CP-OFDM 16QAM	1	1	/	21.73	/	22.50	
CP-OFDM 64QAM	1	1	/	20.26	/	21.00	
CP-OFDM 256QAM	1	1	/	17.39	/	18.00	

N78-ANT9 DSI1&5(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.17	14.16	14.18	16.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.06	14.02	14.01	16.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.05	14.17	14.30	16.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	14.12	14.13	14.15	16.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	14.09	14.11	14.21	16.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.07	14.37	14.09	16.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	14.10	14.22	14.25	16.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	14.21	14.10	14.28	16.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	14.30	14.08	14.18	16.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	14.17	14.17	14.33	16.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	14.06	14.06	14.28	16.00
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	14.10	/	16.00
		1	137	/	14.16	/	16.00
	DFT-s-OFDM BPSK	1	271	/	14.05	/	16.00
		135	0	/	14.14	/	16.00
		135	69	/	14.16	/	16.00
	DFT-s-OFDM BPSK	135	138	/	14.06	/	16.00
		270	0	/	14.05	/	16.00
	DFT-s-OFDM QPSK	1	1	/	14.14	/	16.00
		1	137	/	14.08	/	16.00
	DFT-s-OFDM QPSK	1	271	/	14.11	/	16.00
		135	0	/	14.02	/	16.00
		135	69	/	14.12	/	16.00
	DFT-s-OFDM QPSK	135	138	/	14.04	/	16.00
		270	0	/	14.05	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.02	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	14.17	/	16.00
	DFT-s-OFDM 256QAM	1	1	/	14.02	/	16.00
	CP-OFDM QPSK	1	1	/	14.03	/	16.00
CP-OFDM 16QAM	1	1	/	14.08	/	16.00	
CP-OFDM 64QAM	1	1	/	14.01	/	16.00	
CP-OFDM 256QAM	1	1	/	14.06	/	16.00	

N78-ANT9 DS12&3&4(PC2)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.70	16.56	16.76	18.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	16.60	16.63	16.69	18.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	16.60	16.67	16.79	18.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	16.65	16.68	16.54	18.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	16.65	16.63	16.63	18.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	16.62	16.79	16.61	18.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	16.59	16.87	16.71	18.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	16.71	16.59	16.86	18.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	16.87	16.65	16.83	18.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	16.80	16.75	16.74	18.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	16.72	16.52	16.67	18.50
Bandwidth (MHz)	Modulation	Channel		/	650000	/	Tune-up power(dB)
		RB Size	RB offset	/	3750	/	
100	DFT-s-OFDM BPSK	1	1	/	16.71	/	18.50
		1	137	/	16.70	/	18.50
		1	271	/	16.62	/	18.50
	DFT-s-OFDM BPSK	135	0	/	16.79	/	18.50
		135	69	/	16.70	/	18.50
		135	138	/	16.59	/	18.50
	DFT-s-OFDM BPSK	270	0	/	16.67	/	18.50
		1	1	/	16.54	/	18.50
		1	137	/	16.71	/	18.50
	DFT-s-OFDM QPSK	1	271	/	16.57	/	18.50
		135	0	/	16.68	/	18.50
		135	69	/	16.53	/	18.50
	DFT-s-OFDM QPSK	135	138	/	16.60	/	18.50
		270	0	/	16.52	/	18.50
		1	1	/	16.53	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	16.53	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	16.52	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	16.64	/	18.50
CP-OFDM QPSK	1	1	/	16.50	/	18.50	
CP-OFDM 16QAM	1	1	/	16.60	/	18.50	
CP-OFDM 64QAM	1	1	/	16.52	/	18.50	
CP-OFDM 256QAM	1	1	/	16.58	/	18.50	

8.5.11 NR Band78 Output Power

N78-ANT6 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.16	25.32	25.55	26.50
Bandwidth (MHz)	Modulation	Channel		647166.1	655998.1	664829.9	Tune-up power(dB)
		RB Size	RB offset	3705.46	3837.94	3970.51	
15	DFT-s-OFDM QPSK	1	1	25.39	25.38	25.43	26.50
Bandwidth (MHz)	Modulation	Channel		647332	655998	652663.9	Tune-up power(dB)
		RB Size	RB offset	3707.97	3838.09	3788.03	
20	DFT-s-OFDM QPSK	1	1	25.01	24.85	25.09	26.50
Bandwidth (MHz)	Modulation	Channel		647499	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.58	3837.92	3830.57	
25	DFT-s-OFDM QPSK	1	1	24.55	24.65	24.63	26.50
Bandwidth (MHz)	Modulation	Channel		647666	655998	658331.1	Tune-up power(dB)
		RB Size	RB offset	3713.1	3838.09	3872.98	
30	DFT-s-OFDM QPSK	1	1	24.79	24.98	24.95	26.50
Bandwidth (MHz)	Modulation	Channel		647998	655998	663998	Tune-up power(dB)
		RB Size	RB offset	3717.94	3838	3957.97	
40	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.22	26.50
Bandwidth (MHz)	Modulation	Channel		648331.9	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3722.97	3838.08	3952.99	
50	DFT-s-OFDM QPSK	1	1	24.79	24.77	24.90	26.50
Bandwidth (MHz)	Modulation	Channel		648666.1	655997.9	663330	Tune-up power(dB)
		RB Size	RB offset	3728.11	3838.02	3947.97	
60	DFT-s-OFDM QPSK	1	1	24.79	24.85	25.11	26.50
Bandwidth (MHz)	Modulation	Channel		648998	655998	662998.1	Tune-up power(dB)
		RB Size	RB offset	3732.99	3837.96	3943.06	
70	DFT-s-OFDM QPSK	1	1	24.97	25.15	25.06	26.50
Bandwidth (MHz)	Modulation	Channel		649332	655997.9	662663.9	Tune-up power(dB)
		RB Size	RB offset	3737.97	3837.94	3937.97	
80	DFT-s-OFDM QPSK	1	1	25.01	24.84	24.85	26.50
Bandwidth (MHz)	Modulation	Channel		649666	655998.1	662330.1	Tune-up power(dB)
		RB Size	RB offset	3743.09	3838.06	3933.01	
90	DFT-s-OFDM QPSK	1	1	25.00	24.87	25.23	26.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.93	/	
100	DFT-s-OFDM BPSK	1	1	/	25.30	/	26.50
		1	137	/	25.67	/	26.50
		1	271	/	25.21	/	26.50
	DFT-s-OFDM BPSK	135	0	/	24.69	/	26.50
		135	69	/	25.06	/	26.50
		135	138	/	25.04	/	26.50
	DFT-s-OFDM BPSK	270	0	/	25.00	/	25.50
	DFT-s-OFDM QPSK	1	1	/	24.91	/	26.50
		1	137	/	25.65	/	26.50
		1	271	/	25.04	/	26.50
	DFT-s-OFDM QPSK	135	0	/	24.53	/	26.50
		135	69	/	24.81	/	26.50
		135	138	/	25.08	/	26.50
	DFT-s-OFDM QPSK	270	0	/	25.14	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	24.18	/	25.50
	DFT-s-OFDM 64QAM	1	1	/	22.84	/	24.00
DFT-s-OFDM 256QAM	1	1	/	20.82	/	22.00	
CP-OFDM QPSK	1	1	/	23.67	/	25.00	
CP-OFDM 16QAM	1	1	/	23.01	/	24.50	
CP-OFDM 64QAM	1	1	/	21.75	/	23.00	
CP-OFDM 256QAM	1	1	/	18.51	/	20.00	

N78-ANT6 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	12.83	12.86	13.07	14.00
Bandwidth (MHz)	Modulation	Channel		647165.9	655998	664830	Tune-up power(dB)
		RB Size	RB offset	3705.45	3838.01	3970.56	
15	DFT-s-OFDM QPSK	1	1	12.80	13.12	12.94	14.00
Bandwidth (MHz)	Modulation	Channel		647332.1	655998.1	652664	Tune-up power(dB)
		RB Size	RB offset	3708.03	3838.04	3787.95	
20	DFT-s-OFDM QPSK	1	1	12.30	12.31	12.77	14.00
Bandwidth (MHz)	Modulation	Channel		647498.9	655998	655498	Tune-up power(dB)
		RB Size	RB offset	3710.53	3837.97	3830.52	
25	DFT-s-OFDM QPSK	1	1	12.23	12.02	12.15	14.00
Bandwidth (MHz)	Modulation	Channel		647665.9	655998	658331	Tune-up power(dB)
		RB Size	RB offset	3713.08	3837.94	3873.04	
30	DFT-s-OFDM QPSK	1	1	12.56	12.46	12.49	14.00
Bandwidth (MHz)	Modulation	Channel		647998	655998	663998	Tune-up power(dB)
		RB Size	RB offset	3717.92	3838.02	3958	
40	DFT-s-OFDM QPSK	1	1	12.70	12.62	12.77	14.00
Bandwidth (MHz)	Modulation	Channel		648332	655998	663663.9	Tune-up power(dB)
		RB Size	RB offset	3722.97	3837.92	3952.96	
50	DFT-s-OFDM QPSK	1	1	12.48	12.34	12.45	14.00
Bandwidth (MHz)	Modulation	Channel		648666.1	655998	663330	Tune-up power(dB)
		RB Size	RB offset	3728.01	3838.03	3948.03	
60	DFT-s-OFDM QPSK	1	1	12.42	12.38	12.75	14.00
Bandwidth (MHz)	Modulation	Channel		648998	655997.9	662998	Tune-up power(dB)
		RB Size	RB offset	3733.05	3837.92	3942.99	
70	DFT-s-OFDM QPSK	1	1	12.55	12.77	12.68	14.00
Bandwidth (MHz)	Modulation	Channel		649332	655998.1	662664.1	Tune-up power(dB)
		RB Size	RB offset	3737.97	3837.95	3937.94	
80	DFT-s-OFDM QPSK	1	1	12.53	12.37	12.40	14.00
Bandwidth (MHz)	Modulation	Channel		649666	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.03	3837.95	3932.95	
90	DFT-s-OFDM QPSK	1	1	12.71	12.36	12.58	14.00
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.95	/	
100	DFT-s-OFDM BPSK	1	1	/	12.73	/	14.00
		1	137	/	13.03	/	14.00
		1	271	/	12.80	/	14.00
	DFT-s-OFDM BPSK	135	0	/	12.13	/	14.00
		135	69	/	12.60	/	14.00
		135	138	/	12.73	/	14.00
	DFT-s-OFDM BPSK	270	0	/	12.77	/	14.00
	DFT-s-OFDM QPSK	1	1	/	12.52	/	14.00
		1	137	/	12.44	/	14.00
		1	271	/	12.75	/	14.00
	DFT-s-OFDM QPSK	135	0	/	12.63	/	14.00
		135	69	/	12.55	/	14.00
		135	138	/	12.44	/	14.00
	DFT-s-OFDM QPSK	270	0	/	12.73	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.86	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	12.41	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	12.77	/	14.00
CP-OFDM QPSK	1	1	/	12.50	/	14.00	
CP-OFDM 16QAM	1	1	/	12.53	/	14.00	
CP-OFDM 64QAM	1	1	/	12.50	/	14.00	
CP-OFDM 256QAM	1	1	/	12.58	/	14.00	

N78-ANT6 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	15.60	15.90	16.09	17.00
Bandwidth (MHz)	Modulation	Channel		647166.1	655997.9	664830	Tune-up power(dB)
		RB Size	RB offset	3705.5	3838.08	3970.43	
15	DFT-s-OFDM QPSK	1	1	15.92	15.76	15.99	17.00
Bandwidth (MHz)	Modulation	Channel		647332.1	655997.9	652664	Tune-up power(dB)
		RB Size	RB offset	3707.95	3837.92	3788.05	
20	DFT-s-OFDM QPSK	1	1	15.44	15.38	15.84	17.00
Bandwidth (MHz)	Modulation	Channel		647499.1	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.45	3837.99	3830.5	
25	DFT-s-OFDM QPSK	1	1	15.08	15.08	15.19	17.00
Bandwidth (MHz)	Modulation	Channel		647665.9	655997.9	658331.1	Tune-up power(dB)
		RB Size	RB offset	3713.06	3838.04	3872.98	
30	DFT-s-OFDM QPSK	1	1	15.47	15.65	15.69	17.00
Bandwidth (MHz)	Modulation	Channel		647998.1	655998	663998.1	Tune-up power(dB)
		RB Size	RB offset	3718	3837.99	3957.95	
40	DFT-s-OFDM QPSK	1	1	15.66	15.60	15.71	17.00
Bandwidth (MHz)	Modulation	Channel		648332	655998	663664.1	Tune-up power(dB)
		RB Size	RB offset	3723.1	3838.01	3952.92	
50	DFT-s-OFDM QPSK	1	1	15.23	15.35	15.54	17.00
Bandwidth (MHz)	Modulation	Channel		648666.1	655998	663329.9	Tune-up power(dB)
		RB Size	RB offset	3728.05	3838.01	3947.91	
60	DFT-s-OFDM QPSK	1	1	15.45	15.33	15.54	17.00
Bandwidth (MHz)	Modulation	Channel		648998.1	655998	662998.1	Tune-up power(dB)
		RB Size	RB offset	3732.98	3838.05	3943	
70	DFT-s-OFDM QPSK	1	1	15.55	15.56	15.55	17.00
Bandwidth (MHz)	Modulation	Channel		649332	655998.1	662664	Tune-up power(dB)
		RB Size	RB offset	3737.94	3838.02	3938.03	
80	DFT-s-OFDM QPSK	1	1	15.54	15.29	15.46	17.00
Bandwidth (MHz)	Modulation	Channel		649666	655998	662329.9	Tune-up power(dB)
		RB Size	RB offset	3743.07	3837.98	3932.97	
90	DFT-s-OFDM QPSK	1	1	15.62	15.24	15.54	17.00
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.09	/	
100	DFT-s-OFDM BPSK	1	1	/	15.75	/	17.00
		1	137	/	16.06	/	17.00
		1	271	/	15.58	/	17.00
	DFT-s-OFDM BPSK	135	0	/	15.18	/	17.00
		135	69	/	15.62	/	17.00
		135	138	/	15.61	/	17.00
	DFT-s-OFDM BPSK	270	0	/	15.66	/	17.00
	DFT-s-OFDM QPSK	1	1	/	15.63	/	17.00
		1	137	/	15.63	/	17.00
		1	271	/	15.86	/	17.00
	DFT-s-OFDM QPSK	135	0	/	15.34	/	17.00
		135	69	/	15.37	/	17.00
		135	138	/	15.74	/	17.00
	DFT-s-OFDM QPSK	270	0	/	15.62	/	17.00
	DFT-s-OFDM 16QAM	1	1	/	15.57	/	17.00
	DFT-s-OFDM 64QAM	1	1	/	15.65	/	17.00
	DFT-s-OFDM 256QAM	1	1	/	15.72	/	17.00
CP-OFDM QPSK	1	1	/	15.60	/	17.00	
CP-OFDM 16QAM	1	1	/	15.50	/	17.00	
CP-OFDM 64QAM	1	1	/	15.73	/	17.00	
CP-OFDM 256QAM	1	1	/	15.85	/	17.00	

8.5.11 NR Band78 Output Power

N78-ANT7 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.48	21.53	21.53	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.67	21.48	21.42	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	21.45	21.24	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	21.02	21.16	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	21.23	21.02	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.38	21.20	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.34	21.21	21.36	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.00	21.29	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.38	21.39	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.13	21.38	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.27	21.27	21.20	22.50
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748	/	
100	DFT-s-OFDM BPSK	1	1	/	21.50	/	22.50
		1	137	/	20.77	/	22.50
		1	271	/	20.67	/	22.50
	DFT-s-OFDM BPSK	135	0	/	20.52	/	22.50
		135	69	/	20.98	/	22.50
		135	138	/	20.52	/	22.50
	DFT-s-OFDM BPSK	270	0	/	21.24	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.50
		1	137	/	21.64	/	22.50
		1	271	/	21.22	/	22.50
	DFT-s-OFDM QPSK	135	0	/	21.19	/	22.50
		135	69	/	21.22	/	22.50
		135	138	/	21.23	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.37	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	20.95	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.48	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	19.00
CP-OFDM QPSK	1	1	/	20.44	/	21.00	
CP-OFDM 16QAM	1	1	/	20.01	/	20.50	
CP-OFDM 64QAM	1	1	/	18.11	/	19.00	
CP-OFDM 256QAM	1	1	/	15.17	/	16.00	

N78-ANT7 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	10.97	10.86	11.03	12.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	11.22	10.92	10.96	12.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	10.93	10.96	11.02	12.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	10.70	10.66	10.60	12.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	10.69	10.73	10.69	12.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	11.04	10.90	10.79	12.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	10.80	10.87	10.95	12.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	10.57	10.86	10.72	12.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	10.85	10.94	10.36	12.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	10.65	10.89	10.48	12.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	10.68	10.86	10.65	12.00
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.07	/	
100	DFT-s-OFDM BPSK	1	1	/	11.02	/	12.00
		1	137	/	10.32	/	12.00
		1	271	/	10.30	/	12.00
	DFT-s-OFDM BPSK	135	0	/	10.12	/	12.00
		135	69	/	10.44	/	12.00
		135	138	/	10.73	/	12.00
	DFT-s-OFDM BPSK	270	0	/	10.84	/	12.00
	DFT-s-OFDM QPSK	1	1	/	10.78	/	12.00
		1	137	/	11.15	/	12.00
	DFT-s-OFDM QPSK	1	271	/	11.00	/	12.00
		135	0	/	11.03	/	12.00
		135	69	/	10.96	/	12.00
	DFT-s-OFDM QPSK	135	138	/	11.06	/	12.00
	DFT-s-OFDM QPSK	270	0	/	11.02	/	12.00
	DFT-s-OFDM 16QAM	1	1	/	10.98	/	12.00
	DFT-s-OFDM 64QAM	1	1	/	10.96	/	12.00
	DFT-s-OFDM 256QAM	1	1	/	10.84	/	12.00
CP-OFDM QPSK	1	1	/	11.16	/	12.00	
CP-OFDM 16QAM	1	1	/	10.85	/	12.00	
CP-OFDM 64QAM	1	1	/	10.85	/	12.00	
CP-OFDM 256QAM	1	1	/	10.87	/	12.00	

N78-ANT7 DSI2&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.48	21.53	21.53	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.67	21.48	21.42	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	21.45	21.24	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	21.02	21.16	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	21.23	21.02	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.38	21.20	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.34	21.21	21.36	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.00	21.29	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.38	21.39	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.13	21.38	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.27	21.27	21.20	22.50
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748	/	
100	DFT-s-OFDM BPSK	1	1	/	21.50	/	22.50
		1	137	/	20.77	/	22.50
		1	271	/	20.67	/	22.50
	DFT-s-OFDM BPSK	135	0	/	20.52	/	22.50
		135	69	/	20.98	/	22.50
		135	138	/	20.52	/	22.50
	DFT-s-OFDM BPSK	270	0	/	21.24	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.50
		1	137	/	21.64	/	22.50
		1	271	/	21.22	/	22.50
	DFT-s-OFDM QPSK	135	0	/	21.19	/	22.50
		135	69	/	21.22	/	22.50
		135	138	/	21.23	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.37	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	20.95	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.48	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	19.00
CP-OFDM QPSK	1	1	/	20.44	/	21.00	
CP-OFDM 16QAM	1	1	/	20.01	/	20.50	
CP-OFDM 64QAM	1	1	/	18.11	/	19.00	
CP-OFDM 256QAM	1	1	/	15.17	/	16.00	

N78-ANT7 DSI3(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.01	14.05	14.11	15.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	14.35	13.96	13.74	15.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	14.05	13.75	13.91	15.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	13.75	13.71	13.69	15.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	13.86	13.48	13.70	15.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	14.05	13.87	13.89	15.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	13.65	13.74	13.97	15.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	13.57	13.78	13.77	15.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	13.94	13.84	13.57	15.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	13.45	13.85	13.42	15.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	13.67	13.87	13.60	15.00
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.02	/	
100	DFT-s-OFDM BPSK	1	1	/	14.01	/	15.00
		1	137	/	13.39	/	15.00
		1	271	/	13.30	/	15.00
	DFT-s-OFDM BPSK	135	0	/	13.27	/	15.00
		135	69	/	13.47	/	15.00
		135	138	/	13.80	/	15.00
	DFT-s-OFDM BPSK	270	0	/	14.11	/	15.00
	DFT-s-OFDM QPSK	1	1	/	13.87	/	15.00
		1	137	/	14.12	/	15.00
		1	271	/	13.98	/	15.00
	DFT-s-OFDM QPSK	135	0	/	13.84	/	15.00
		135	69	/	14.04	/	15.00
		135	138	/	14.01	/	15.00
	DFT-s-OFDM QPSK	270	0	/	13.95	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.79	/	15.00
	DFT-s-OFDM 64QAM	1	1	/	13.84	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	13.82	/	15.00
CP-OFDM QPSK	1	1	/	14.14	/	15.00	
CP-OFDM 16QAM	1	1	/	14.02	/	15.00	
CP-OFDM 64QAM	1	1	/	13.87	/	15.00	
CP-OFDM 256QAM	1	1	/	13.85	/	15.00	

8.5.11 NR Band78 Output Power

N78-ANT8 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.41	24.63	24.35	26.00
Bandwidth (MHz)	Modulation	Channel		647166.1	655998	664830	Tune-up power(dB)
		RB Size	RB offset	3705.45	3838.09	3970.5	
15	DFT-s-OFDM QPSK	1	1	24.42	24.45	24.29	26.00
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3707.98	3837.96	3787.93	
20	DFT-s-OFDM QPSK	1	1	24.68	24.46	24.58	26.00
Bandwidth (MHz)	Modulation	Channel		647499	655998	655498	Tune-up power(dB)
		RB Size	RB offset	3710.57	3837.92	3830.59	
25	DFT-s-OFDM QPSK	1	1	24.20	24.54	24.26	26.00
Bandwidth (MHz)	Modulation	Channel		647666.1	655998	658330.9	Tune-up power(dB)
		RB Size	RB offset	3713.06	3838.01	3872.97	
30	DFT-s-OFDM QPSK	1	1	24.70	24.59	24.57	26.00
Bandwidth (MHz)	Modulation	Channel		647998.1	655998	663998	Tune-up power(dB)
		RB Size	RB offset	3718.01	3838	3957.94	
40	DFT-s-OFDM QPSK	1	1	24.66	24.77	24.75	26.00
Bandwidth (MHz)	Modulation	Channel		648331.9	655998.1	663663.9	Tune-up power(dB)
		RB Size	RB offset	3722.98	3838.03	3952.94	
50	DFT-s-OFDM QPSK	1	1	24.32	24.54	24.65	26.00
Bandwidth (MHz)	Modulation	Channel		648665.9	655998	663329.9	Tune-up power(dB)
		RB Size	RB offset	3727.97	3837.92	3947.97	
60	DFT-s-OFDM QPSK	1	1	24.45	24.53	24.56	26.00
Bandwidth (MHz)	Modulation	Channel		648998	655997.9	662998	Tune-up power(dB)
		RB Size	RB offset	3732.99	3838.01	3942.94	
70	DFT-s-OFDM QPSK	1	1	24.67	24.65	24.53	26.00
Bandwidth (MHz)	Modulation	Channel		649332	655998	662663.9	Tune-up power(dB)
		RB Size	RB offset	3737.98	3837.95	3938.02	
80	DFT-s-OFDM QPSK	1	1	24.54	24.61	24.38	26.00
Bandwidth (MHz)	Modulation	Channel		649665.9	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.07	3838.05	3932.93	
90	DFT-s-OFDM QPSK	1	1	24.52	24.35	24.80	26.00
Bandwidth (MHz)	Modulation	Channel		/	649997.9	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.08	/	
100	DFT-s-OFDM BPSK	1	1	/	24.43	/	26.00
		1	137	/	24.28	/	26.00
		1	271	/	24.26	/	26.00
	DFT-s-OFDM BPSK	135	0	/	24.14	/	26.00
		135	69	/	24.15	/	26.00
		135	138	/	24.05	/	26.00
	DFT-s-OFDM BPSK	270	0	/	24.09	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.50	/	26.00
		1	137	/	24.01	/	26.00
		1	271	/	24.14	/	26.00
	DFT-s-OFDM QPSK	135	0	/	24.12	/	26.00
		135	69	/	24.36	/	26.00
		135	138	/	24.07	/	26.00
	DFT-s-OFDM QPSK	270	0	/	23.97	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	23.50	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	22.09	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	20.03	/	21.50
CP-OFDM QPSK	1	1	/	22.79	/	24.50	
CP-OFDM 16QAM	1	1	/	22.22	/	24.00	
CP-OFDM 64QAM	1	1	/	20.60	/	22.50	
CP-OFDM 256QAM	1	1	/	17.59	/	19.50	

N78-ANT8 DSI1(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.90	17.99	18.02	19.50
Bandwidth (MHz)	Modulation	Channel		647166	655998.1	664830	Tune-up power(dB)
		RB Size	RB offset	3705.52	3837.99	3970.57	
15	DFT-s-OFDM QPSK	1	1	17.91	17.82	17.94	19.50
Bandwidth (MHz)	Modulation	Channel		647332.1	655998	652663.9	Tune-up power(dB)
		RB Size	RB offset	3708.08	3837.95	3787.91	
20	DFT-s-OFDM QPSK	1	1	18.26	17.99	18.10	19.50
Bandwidth (MHz)	Modulation	Channel		647499	655998.1	655498.1	Tune-up power(dB)
		RB Size	RB offset	3710.44	3838.01	3830.46	
25	DFT-s-OFDM QPSK	1	1	17.78	18.01	17.64	19.50
Bandwidth (MHz)	Modulation	Channel		647665.9	655998	658331	Tune-up power(dB)
		RB Size	RB offset	3713.09	3838.06	3872.93	
30	DFT-s-OFDM QPSK	1	1	18.29	18.12	18.07	19.50
Bandwidth (MHz)	Modulation	Channel		647998	655998.1	663998	Tune-up power(dB)
		RB Size	RB offset	3717.95	3837.93	3957.94	
40	DFT-s-OFDM QPSK	1	1	18.09	18.42	18.05	19.50
Bandwidth (MHz)	Modulation	Channel		648332	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3723.1	3838.09	3953.05	
50	DFT-s-OFDM QPSK	1	1	17.76	18.08	18.09	19.50
Bandwidth (MHz)	Modulation	Channel		648666	655998	663330	Tune-up power(dB)
		RB Size	RB offset	3728.1	3838.08	3947.9	
60	DFT-s-OFDM QPSK	1	1	18.07	18.00	18.30	19.50
Bandwidth (MHz)	Modulation	Channel		648998.1	655998	662997.9	Tune-up power(dB)
		RB Size	RB offset	3733.07	3838.02	3943.06	
70	DFT-s-OFDM QPSK	1	1	18.07	18.27	18.09	19.50
Bandwidth (MHz)	Modulation	Channel		649332	655998.1	662664.1	Tune-up power(dB)
		RB Size	RB offset	3738.07	3837.98	3938	
80	DFT-s-OFDM QPSK	1	1	17.96	18.14	17.93	19.50
Bandwidth (MHz)	Modulation	Channel		649665.9	655998.1	662329.9	Tune-up power(dB)
		RB Size	RB offset	3743.05	3837.98	3933.06	
90	DFT-s-OFDM QPSK	1	1	18.12	17.88	18.26	19.50
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.93	/	
100	DFT-s-OFDM BPSK	1	1	/	18.06	/	19.50
		1	137	/	17.84	/	19.50
		1	271	/	17.68	/	19.50
	DFT-s-OFDM BPSK	135	0	/	17.75	/	19.50
		135	69	/	17.67	/	19.50
		135	138	/	17.62	/	19.50
	DFT-s-OFDM BPSK	270	0	/	17.66	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.00	/	19.50
		1	137	/	17.81	/	19.50
		1	271	/	17.76	/	19.50
	DFT-s-OFDM QPSK	135	0	/	17.69	/	19.50
		135	69	/	17.88	/	19.50
		135	138	/	17.88	/	19.50
	DFT-s-OFDM QPSK	270	0	/	17.76	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	17.92	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	17.90	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	17.75	/	19.50
CP-OFDM QPSK	1	1	/	17.88	/	19.50	
CP-OFDM 16QAM	1	1	/	17.79	/	19.50	
CP-OFDM 64QAM	1	1	/	17.57	/	19.50	
CP-OFDM 256QAM	1	1	/	17.61	/	19.50	

N78-ANT8 DSI2&3&4&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.51	16.44	16.59	18.00
Bandwidth (MHz)	Modulation	Channel		647166.1	655998	664830.1	Tune-up power(dB)
		RB Size	RB offset	3705.52	3838	3970.52	
15	DFT-s-OFDM QPSK	1	1	16.30	16.44	16.12	18.00
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3707.98	3837.99	3787.94	
20	DFT-s-OFDM QPSK	1	1	16.89	16.66	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		647499.1	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.58	3837.94	3830.47	
25	DFT-s-OFDM QPSK	1	1	16.21	16.68	16.25	18.00
Bandwidth (MHz)	Modulation	Channel		647666	655997.9	658331	Tune-up power(dB)
		RB Size	RB offset	3712.98	3838.04	3873.04	
30	DFT-s-OFDM QPSK	1	1	16.81	16.45	16.53	18.00
Bandwidth (MHz)	Modulation	Channel		647998.1	655998.1	663997.9	Tune-up power(dB)
		RB Size	RB offset	3718.05	3838.08	3958.08	
40	DFT-s-OFDM QPSK	1	1	16.87	16.87	16.71	18.00
Bandwidth (MHz)	Modulation	Channel		648332.1	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3722.94	3838.07	3953	
50	DFT-s-OFDM QPSK	1	1	16.27	16.64	16.57	18.00
Bandwidth (MHz)	Modulation	Channel		648666	655998	663330	Tune-up power(dB)
		RB Size	RB offset	3728.05	3838.02	3947.91	
60	DFT-s-OFDM QPSK	1	1	16.66	16.51	16.83	18.00
Bandwidth (MHz)	Modulation	Channel		648998.1	655998	662998	Tune-up power(dB)
		RB Size	RB offset	3733	3837.95	3942.96	
70	DFT-s-OFDM QPSK	1	1	16.62	16.65	16.59	18.00
Bandwidth (MHz)	Modulation	Channel		649332.1	655998	662664	Tune-up power(dB)
		RB Size	RB offset	3738.08	3838.01	3938	
80	DFT-s-OFDM QPSK	1	1	16.70	16.75	16.47	18.00
Bandwidth (MHz)	Modulation	Channel		649666	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.11	3838.08	3932.9	
90	DFT-s-OFDM QPSK	1	1	16.72	16.71	16.97	18.00
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.05	/	
100	DFT-s-OFDM BPSK	1	1	/	16.41	/	18.00
		1	137	/	16.32	/	18.00
		1	271	/	16.23	/	18.00
	DFT-s-OFDM BPSK	135	0	/	16.18	/	18.00
		135	69	/	16.44	/	18.00
		135	138	/	16.18	/	18.00
	DFT-s-OFDM BPSK	270	0	/	16.49	/	18.00
	DFT-s-OFDM QPSK	1	1	/	16.27	/	18.00
		1	137	/	16.24	/	18.00
		1	271	/	16.45	/	18.00
	DFT-s-OFDM QPSK	135	0	/	16.63	/	18.00
		135	69	/	16.34	/	18.00
		135	138	/	16.46	/	18.00
	DFT-s-OFDM QPSK	270	0	/	16.52	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.58	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	16.50	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	16.43	/	18.00
CP-OFDM QPSK	1	1	/	16.23	/	18.00	
CP-OFDM 16QAM	1	1	/	16.33	/	18.00	
CP-OFDM 64QAM	1	1	/	16.13	/	18.00	
CP-OFDM 256QAM	1	1	/	16.59	/	18.00	

8.5.11 NR Band78 Output Power

N78-ANT9 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.16	21.03	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.02	21.13	21.16	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	21.02	21.03	21.13	22.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	21.02	21.10	21.03	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	21.04	21.16	21.11	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.10	21.29	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.04	21.21	21.23	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.16	21.04	21.21	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.28	21.10	21.11	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.20	21.15	21.28	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.11	21.01	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.02	/	
100	DFT-s-OFDM BPSK	1	1	/	21.17	/	22.50
		1	137	/	21.18	/	22.50
		1	271	/	21.01	/	22.50
	DFT-s-OFDM BPSK	135	0	/	21.15	/	22.50
		135	69	/	21.16	/	22.50
		135	138	/	21.10	/	22.50
	DFT-s-OFDM BPSK	270	0	/	20.95	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.50
		1	137	/	21.19	/	22.50
		1	271	/	21.04	/	22.50
	DFT-s-OFDM QPSK	135	0	/	20.97	/	22.50
		135	69	/	21.44	/	22.50
		135	138	/	21.30	/	22.50
	DFT-s-OFDM QPSK	270	0	/	20.83	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.61	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.51	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.65	/	18.00
CP-OFDM QPSK	1	1	/	20.64	/	21.00	
CP-OFDM 16QAM	1	1	/	20.20	/	20.50	
CP-OFDM 64QAM	1	1	/	18.70	/	19.00	
CP-OFDM 256QAM	1	1	/	15.93	/	16.00	

N78-ANT9 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	12.68	12.58	12.70	14.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	12.51	12.51	12.49	14.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	12.50	12.66	12.82	14.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	12.64	12.58	12.68	14.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	12.52	12.65	12.73	14.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	12.57	12.94	12.56	14.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	12.63	12.74	12.84	14.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	12.69	12.66	12.84	14.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	12.89	12.57	12.70	14.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	12.73	12.60	12.86	14.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	12.64	12.60	12.75	14.00
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.93	/	
100	DFT-s-OFDM BPSK	1	1	/	12.66	/	14.00
		1	137	/	12.58	/	14.00
		1	271	/	12.64	/	14.00
	DFT-s-OFDM BPSK	135	0	/	12.70	/	14.00
		135	69	/	12.69	/	14.00
		135	138	/	12.57	/	14.00
	DFT-s-OFDM BPSK	270	0	/	12.63	/	14.00
	DFT-s-OFDM QPSK	1	1	/	12.67	/	14.00
		1	137	/	12.60	/	14.00
		1	271	/	12.67	/	14.00
	DFT-s-OFDM QPSK	135	0	/	12.56	/	14.00
		135	69	/	12.71	/	14.00
		135	138	/	12.49	/	14.00
	DFT-s-OFDM QPSK	270	0	/	12.57	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.56	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	12.74	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	12.46	/	14.00
CP-OFDM QPSK	1	1	/	12.54	/	14.00	
CP-OFDM 16QAM	1	1	/	12.57	/	14.00	
CP-OFDM 64QAM	1	1	/	12.58	/	14.00	
CP-OFDM 256QAM	1	1	/	12.48	/	14.00	

N78-ANT9 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	15.19	15.09	15.26	16.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	15.05	15.10	15.12	16.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	15.06	15.20	15.38	16.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	15.23	15.25	15.06	16.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	15.23	15.21	15.15	16.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	15.20	15.33	15.09	16.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	15.13	15.35	15.25	16.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.20	15.02	15.39	16.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	15.32	15.09	15.38	16.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	15.27	15.22	15.32	16.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	15.22	14.96	15.19	16.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.97	/	
100	DFT-s-OFDM BPSK	1	1	/	15.26	/	16.50
		1	137	/	15.12	/	16.50
		1	271	/	15.13	/	16.50
	DFT-s-OFDM BPSK	135	0	/	15.34	/	16.50
		135	69	/	15.26	/	16.50
		135	138	/	15.08	/	16.50
	DFT-s-OFDM BPSK	270	0	/	15.26	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.00	/	16.50
		1	137	/	15.16	/	16.50
		1	271	/	15.05	/	16.50
	DFT-s-OFDM QPSK	135	0	/	15.13	/	16.50
		135	69	/	15.03	/	16.50
		135	138	/	15.19	/	16.50
	DFT-s-OFDM QPSK	270	0	/	15.11	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.03	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.00	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.09	/	16.50
CP-OFDM QPSK	1	1	/	15.07	/	16.50	
CP-OFDM 16QAM	1	1	/	15.09	/	16.50	
CP-OFDM 64QAM	1	1	/	15.07	/	16.50	
CP-OFDM 256QAM	1	1	/	15.05	/	16.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT6 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	25.16	25.32	25.55	26.50
Bandwidth (MHz)	Modulation	Channel		647166.1	655998.1	664829.9	Tune-up power(dB)
		RB Size	RB offset	3705.46	3837.94	3970.51	
15	DFT-s-OFDM QPSK	1	1	25.39	25.38	25.43	26.50
Bandwidth (MHz)	Modulation	Channel		647332	655998	652663.9	Tune-up power(dB)
		RB Size	RB offset	3707.97	3838.09	3788.03	
20	DFT-s-OFDM QPSK	1	1	25.01	24.85	25.09	26.50
Bandwidth (MHz)	Modulation	Channel		647499	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.58	3837.92	3830.57	
25	DFT-s-OFDM QPSK	1	1	24.55	24.65	24.63	26.50
Bandwidth (MHz)	Modulation	Channel		647666	655998	658331.1	Tune-up power(dB)
		RB Size	RB offset	3713.1	3838.09	3872.98	
30	DFT-s-OFDM QPSK	1	1	24.79	24.98	24.95	26.50
Bandwidth (MHz)	Modulation	Channel		647998	655998	663998	Tune-up power(dB)
		RB Size	RB offset	3717.94	3838	3957.97	
40	DFT-s-OFDM QPSK	1	1	25.07	25.10	25.22	26.50
Bandwidth (MHz)	Modulation	Channel		648331.9	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3722.97	3838.08	3952.99	
50	DFT-s-OFDM QPSK	1	1	24.79	24.77	24.90	26.50
Bandwidth (MHz)	Modulation	Channel		648666.1	655997.9	663330	Tune-up power(dB)
		RB Size	RB offset	3728.11	3838.02	3947.97	
60	DFT-s-OFDM QPSK	1	1	24.79	24.85	25.11	26.50
Bandwidth (MHz)	Modulation	Channel		648998	655998	662998.1	Tune-up power(dB)
		RB Size	RB offset	3732.99	3837.96	3943.06	
70	DFT-s-OFDM QPSK	1	1	24.97	25.15	25.06	26.50
Bandwidth (MHz)	Modulation	Channel		649332	655997.9	662663.9	Tune-up power(dB)
		RB Size	RB offset	3737.97	3837.94	3937.97	
80	DFT-s-OFDM QPSK	1	1	25.01	24.84	24.85	26.50
Bandwidth (MHz)	Modulation	Channel		649666	655998.1	662330.1	Tune-up power(dB)
		RB Size	RB offset	3743.09	3838.06	3933.01	
90	DFT-s-OFDM QPSK	1	1	25.00	24.87	25.23	26.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.93	/	
100	DFT-s-OFDM BPSK	1	1	/	25.30	/	26.50
		1	137	/	25.67	/	26.50
	DFT-s-OFDM BPSK	1	271	/	25.21	/	26.50
		135	0	/	24.69	/	26.50
		135	69	/	25.06	/	26.50
	DFT-s-OFDM BPSK	135	138	/	25.04	/	26.50
		270	0	/	25.00	/	25.50
	DFT-s-OFDM QPSK	1	1	/	24.91	/	26.50
		1	137	/	25.65	/	26.50
	DFT-s-OFDM QPSK	1	271	/	25.04	/	26.50
		135	0	/	24.53	/	26.50
		135	69	/	24.81	/	26.50
		135	138	/	25.08	/	26.50
	DFT-s-OFDM QPSK	270	0	/	25.14	/	25.50
	DFT-s-OFDM 16QAM	1	1	/	24.18	/	25.50
	DFT-s-OFDM 64QAM	1	1	/	22.84	/	24.00
	DFT-s-OFDM 256QAM	1	1	/	20.82	/	22.00
CP-OFDM QPSK	1	1	/	23.67	/	25.00	
CP-OFDM 16QAM	1	1	/	23.01	/	24.50	
CP-OFDM 64QAM	1	1	/	21.75	/	23.00	
CP-OFDM 256QAM	1	1	/	18.51	/	20.00	

N78-ANT6 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	11.33	11.49	11.54	12.50
Bandwidth (MHz)	Modulation	Channel		647165.9	655998	664830.1	Tune-up power(dB)
		RB Size	RB offset	3705.5	3837.95	3970.49	
15	DFT-s-OFDM QPSK	1	1	11.30	11.51	11.46	12.50
Bandwidth (MHz)	Modulation	Channel		647332	655997.9	652664	Tune-up power(dB)
		RB Size	RB offset	3708.1	3837.94	3788.02	
20	DFT-s-OFDM QPSK	1	1	10.92	10.89	11.18	12.50
Bandwidth (MHz)	Modulation	Channel		647499	655997.9	655497.9	Tune-up power(dB)
		RB Size	RB offset	3710.6	3837.96	3830.44	
25	DFT-s-OFDM QPSK	1	1	10.50	10.57	10.78	12.50
Bandwidth (MHz)	Modulation	Channel		647665.9	655997.9	658330.9	Tune-up power(dB)
		RB Size	RB offset	3713.02	3838.04	3873.05	
30	DFT-s-OFDM QPSK	1	1	10.95	10.99	10.89	12.50
Bandwidth (MHz)	Modulation	Channel		647997.9	655997.9	663998.1	Tune-up power(dB)
		RB Size	RB offset	3718.02	3838.05	3958.08	
40	DFT-s-OFDM QPSK	1	1	11.19	11.21	11.23	12.50
Bandwidth (MHz)	Modulation	Channel		648332.1	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3723.06	3838.01	3953.07	
50	DFT-s-OFDM QPSK	1	1	10.93	10.86	11.02	12.50
Bandwidth (MHz)	Modulation	Channel		648666	655998.1	663329.9	Tune-up power(dB)
		RB Size	RB offset	3728.05	3838.04	3947.9	
60	DFT-s-OFDM QPSK	1	1	10.91	10.84	11.33	12.50
Bandwidth (MHz)	Modulation	Channel		648997.9	655998	662997.9	Tune-up power(dB)
		RB Size	RB offset	3733.09	3837.98	3942.99	
70	DFT-s-OFDM QPSK	1	1	11.08	11.23	11.17	12.50
Bandwidth (MHz)	Modulation	Channel		649332	655998	662664.1	Tune-up power(dB)
		RB Size	RB offset	3738.01	3837.98	3937.97	
80	DFT-s-OFDM QPSK	1	1	11.12	10.83	10.86	12.50
Bandwidth (MHz)	Modulation	Channel		649666	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.1	3838.06	3933.07	
90	DFT-s-OFDM QPSK	1	1	11.17	10.78	11.15	12.50
Bandwidth (MHz)	Modulation	Channel		/	649997.9	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.92	/	
100	DFT-s-OFDM BPSK	1	1	/	11.40	/	12.50
		1	137	/	11.48	/	12.50
	DFT-s-OFDM BPSK	1	271	/	11.28	/	12.50
		135	0	/	10.67	/	12.50
		135	69	/	11.05	/	12.50
	DFT-s-OFDM BPSK	135	138	/	11.08	/	12.50
		270	0	/	11.28	/	12.50
	DFT-s-OFDM QPSK	1	1	/	11.02	/	12.50
		1	137	/	10.84	/	12.50
		1	271	/	11.17	/	12.50
	DFT-s-OFDM QPSK	135	0	/	11.00	/	12.50
		135	69	/	10.91	/	12.50
		135	138	/	10.95	/	12.50
	DFT-s-OFDM QPSK	270	0	/	11.31	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.25	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	10.92	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	11.25	/	12.50
	CP-OFDM QPSK	1	1	/	11.09	/	12.50
CP-OFDM 16QAM	1	1	/	11.06	/	12.50	
CP-OFDM 64QAM	1	1	/	10.99	/	12.50	
CP-OFDM 256QAM	1	1	/	11.09	/	12.50	

N78-ANT6 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	14.25	14.34	14.69	15.50
Bandwidth (MHz)	Modulation	Channel		647166	655998.1	664830.1	Tune-up power(dB)
		RB Size	RB offset	3705.51	3838.06	3970.51	
15	DFT-s-OFDM QPSK	1	1	14.42	14.43	14.42	15.50
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3708.09	3837.94	3788.05	
20	DFT-s-OFDM QPSK	1	1	13.92	13.89	14.33	15.50
Bandwidth (MHz)	Modulation	Channel		647499	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.46	3838.01	3830.48	
25	DFT-s-OFDM QPSK	1	1	13.65	13.57	13.61	15.50
Bandwidth (MHz)	Modulation	Channel		647666	655997.9	658331.1	Tune-up power(dB)
		RB Size	RB offset	3713.06	3838.03	3872.99	
30	DFT-s-OFDM QPSK	1	1	13.93	14.07	14.21	15.50
Bandwidth (MHz)	Modulation	Channel		647998.1	655998.1	663998	Tune-up power(dB)
		RB Size	RB offset	3717.93	3837.99	3958.07	
40	DFT-s-OFDM QPSK	1	1	14.05	14.14	14.36	15.50
Bandwidth (MHz)	Modulation	Channel		648332	655998.1	663664.1	Tune-up power(dB)
		RB Size	RB offset	3723.06	3837.95	3952.93	
50	DFT-s-OFDM QPSK	1	1	13.86	13.87	14.02	15.50
Bandwidth (MHz)	Modulation	Channel		648666.1	655997.9	663330	Tune-up power(dB)
		RB Size	RB offset	3728.04	3837.98	3948.07	
60	DFT-s-OFDM QPSK	1	1	13.92	13.87	14.11	15.50
Bandwidth (MHz)	Modulation	Channel		648998	655997.9	662998	Tune-up power(dB)
		RB Size	RB offset	3732.95	3838.01	3942.96	
70	DFT-s-OFDM QPSK	1	1	13.99	14.07	14.10	15.50
Bandwidth (MHz)	Modulation	Channel		649331.9	655998.1	662664	Tune-up power(dB)
		RB Size	RB offset	3737.99	3838	3937.97	
80	DFT-s-OFDM QPSK	1	1	14.11	13.71	13.85	15.50
Bandwidth (MHz)	Modulation	Channel		649666	655997.9	662329.9	Tune-up power(dB)
		RB Size	RB offset	3742.95	3838.08	3933.07	
90	DFT-s-OFDM QPSK	1	1	14.05	13.72	13.98	15.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.04	/	
100	DFT-s-OFDM BPSK	1	1	/	14.31	/	15.50
		1	137	/	14.68	/	15.50
	DFT-s-OFDM BPSK	1	271	/	14.04	/	15.50
		135	0	/	13.74	/	15.50
		135	69	/	14.09	/	15.50
	DFT-s-OFDM BPSK	135	138	/	14.18	/	15.50
		270	0	/	14.19	/	15.50
	DFT-s-OFDM QPSK	1	1	/	14.04	/	15.50
		1	137	/	14.17	/	15.50
	DFT-s-OFDM QPSK	1	271	/	14.35	/	15.50
		135	0	/	13.92	/	15.50
		135	69	/	13.93	/	15.50
		135	138	/	14.18	/	15.50
	DFT-s-OFDM QPSK	270	0	/	14.03	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.09	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	14.13	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	14.22	/	15.50
	CP-OFDM QPSK	1	1	/	14.12	/	15.50
CP-OFDM 16QAM	1	1	/	14.03	/	15.50	
CP-OFDM 64QAM	1	1	/	14.30	/	15.50	
CP-OFDM 256QAM	1	1	/	14.21	/	15.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT7 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.48	21.53	21.53	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.67	21.48	21.42	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	21.45	21.24	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	21.02	21.16	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	21.23	21.02	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.38	21.20	21.29	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.34	21.21	21.36	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.00	21.29	21.39	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.38	21.39	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.13	21.38	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.27	21.27	21.20	22.50
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748	/	
100	DFT-s-OFDM BPSK	1	1	/	21.50	/	22.50
		1	137	/	20.77	/	22.50
	DFT-s-OFDM BPSK	1	271	/	20.67	/	22.50
		135	0	/	20.52	/	22.50
		135	69	/	20.98	/	22.50
	DFT-s-OFDM BPSK	135	138	/	20.52	/	22.50
		270	0	/	21.24	/	22.50
	DFT-s-OFDM QPSK	1	1	/	21.27	/	22.50
		1	137	/	21.64	/	22.50
	DFT-s-OFDM QPSK	1	271	/	21.22	/	22.50
		135	0	/	21.19	/	22.50
		135	69	/	21.22	/	22.50
		135	138	/	21.23	/	22.50
	DFT-s-OFDM QPSK	270	0	/	21.37	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	20.95	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.48	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	19.00
	CP-OFDM QPSK	1	1	/	20.44	/	21.00
CP-OFDM 16QAM	1	1	/	20.01	/	20.50	
CP-OFDM 64QAM	1	1	/	18.11	/	19.00	
CP-OFDM 256QAM	1	1	/	15.17	/	16.00	

N78-ANT7 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	9.78	9.67	9.85	10.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	10.09	9.62	9.73	10.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	9.69	9.67	9.86	10.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	9.35	9.38	9.37	10.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	9.62	9.50	9.54	10.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	9.87	9.75	9.71	10.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	9.64	9.68	9.78	10.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	9.40	9.73	9.52	10.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	9.64	9.71	9.17	10.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	9.46	9.61	9.38	10.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	9.57	9.54	9.48	10.50
Bandwidth (MHz)	Modulation	Channel		/	649997.9	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.01	/	
100	DFT-s-OFDM BPSK	1	1	/	9.81	/	10.50
		1	137	/	9.06	/	10.50
	DFT-s-OFDM BPSK	1	271	/	9.08	/	10.50
		135	0	/	8.55	/	10.50
		135	69	/	9.15	/	10.50
	DFT-s-OFDM BPSK	135	138	/	9.66	/	10.50
		270	0	/	9.60	/	10.50
	DFT-s-OFDM QPSK	1	1	/	9.55	/	10.50
		1	137	/	9.91	/	10.50
	DFT-s-OFDM QPSK	1	271	/	9.86	/	10.50
		135	0	/	9.82	/	10.50
		135	69	/	9.75	/	10.50
		135	138	/	9.83	/	10.50
	DFT-s-OFDM QPSK	270	0	/	9.79	/	10.50
	DFT-s-OFDM 16QAM	1	1	/	9.64	/	10.50
	DFT-s-OFDM 64QAM	1	1	/	9.79	/	10.50
	DFT-s-OFDM 256QAM	1	1	/	9.69	/	10.50
CP-OFDM QPSK	1	1	/	9.81	/	10.50	
CP-OFDM 16QAM	1	1	/	9.74	/	10.50	
CP-OFDM 64QAM	1	1	/	9.68	/	10.50	
CP-OFDM 256QAM	1	1	/	9.74	/	10.50	

N78-ANT7 DSI2&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	15.54	15.63	15.58	17.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	15.50	15.50	15.58	17.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	15.57	15.54	15.69	17.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	15.53	15.59	15.57	17.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	15.61	15.53	15.57	17.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	15.55	15.55	15.51	17.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	15.54	15.58	15.58	17.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.56	15.53	15.50	17.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	15.71	15.52	15.65	17.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	15.59	15.56	15.57	17.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	15.54	15.54	15.51	17.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.94	/	
100	DFT-s-OFDM BPSK	1	1	/	15.61	/	17.50
		1	137	/	15.69	/	17.50
	DFT-s-OFDM BPSK	1	271	/	15.70	/	17.50
		135	0	/	15.51	/	17.50
		135	69	/	15.66	/	17.50
	DFT-s-OFDM BPSK	135	138	/	15.62	/	17.50
		270	0	/	15.55	/	17.50
	DFT-s-OFDM QPSK	1	1	/	15.67	/	17.50
		1	137	/	15.55	/	17.50
	DFT-s-OFDM QPSK	1	271	/	15.63	/	17.50
		135	0	/	15.89	/	17.50
		135	69	/	15.96	/	17.50
		135	138	/	16.06	/	17.50
	DFT-s-OFDM QPSK	270	0	/	15.97	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.25	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.02	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	16.28	/	17.50
	CP-OFDM QPSK	1	1	/	15.94	/	17.50
CP-OFDM 16QAM	1	1	/	16.23	/	17.50	
CP-OFDM 64QAM	1	1	/	15.80	/	17.50	
CP-OFDM 256QAM	1	1	/	14.53	/	16.00	

N78-ANT7 DSI3(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	10.57	10.49	10.64	11.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	10.70	10.48	10.36	11.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	10.42	10.25	10.33	11.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	10.29	10.11	10.12	11.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	10.35	10.08	10.14	11.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	10.58	10.24	10.29	11.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	10.22	10.39	10.40	11.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	10.20	10.31	10.36	11.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	10.29	10.34	10.15	11.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	10.06	10.39	10.04	11.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	10.17	10.29	10.15	11.50
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3748	/	
100	DFT-s-OFDM BPSK	1	1	/	10.43	/	11.50
		1	137	/	9.89	/	11.50
	DFT-s-OFDM BPSK	1	271	/	9.77	/	11.50
		135	0	/	9.95	/	11.50
		135	69	/	10.04	/	11.50
	DFT-s-OFDM BPSK	135	138	/	10.35	/	11.50
		270	0	/	10.64	/	11.50
	DFT-s-OFDM QPSK	1	1	/	10.37	/	11.50
		1	137	/	10.59	/	11.50
	DFT-s-OFDM QPSK	1	271	/	10.51	/	11.50
		135	0	/	10.29	/	11.50
		135	69	/	10.61	/	11.50
		135	138	/	10.63	/	11.50
	DFT-s-OFDM QPSK	270	0	/	10.52	/	11.50
	DFT-s-OFDM 16QAM	1	1	/	10.31	/	11.50
	DFT-s-OFDM 64QAM	1	1	/	10.26	/	11.50
	DFT-s-OFDM 256QAM	1	1	/	10.32	/	11.50
CP-OFDM QPSK	1	1	/	10.47	/	11.50	
CP-OFDM 16QAM	1	1	/	10.45	/	11.50	
CP-OFDM 64QAM	1	1	/	10.40	/	11.50	
CP-OFDM 256QAM	1	1	/	10.22	/	11.50	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT8 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	24.41	24.63	24.35	26.00
Bandwidth (MHz)	Modulation	Channel		647166.1	655998	664830	Tune-up power(dB)
		RB Size	RB offset	3705.45	3838.09	3970.5	
15	DFT-s-OFDM QPSK	1	1	24.42	24.45	24.29	26.00
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3707.98	3837.96	3787.93	
20	DFT-s-OFDM QPSK	1	1	24.68	24.46	24.58	26.00
Bandwidth (MHz)	Modulation	Channel		647499	655998	655498	Tune-up power(dB)
		RB Size	RB offset	3710.57	3837.92	3830.59	
25	DFT-s-OFDM QPSK	1	1	24.20	24.54	24.26	26.00
Bandwidth (MHz)	Modulation	Channel		647666.1	655998	658330.9	Tune-up power(dB)
		RB Size	RB offset	3713.06	3838.01	3872.97	
30	DFT-s-OFDM QPSK	1	1	24.70	24.59	24.57	26.00
Bandwidth (MHz)	Modulation	Channel		647998.1	655998	663998	Tune-up power(dB)
		RB Size	RB offset	3718.01	3838	3957.94	
40	DFT-s-OFDM QPSK	1	1	24.66	24.77	24.75	26.00
Bandwidth (MHz)	Modulation	Channel		648331.9	655998.1	663663.9	Tune-up power(dB)
		RB Size	RB offset	3722.98	3838.03	3952.94	
50	DFT-s-OFDM QPSK	1	1	24.32	24.54	24.65	26.00
Bandwidth (MHz)	Modulation	Channel		648665.9	655998	663329.9	Tune-up power(dB)
		RB Size	RB offset	3727.97	3837.92	3947.97	
60	DFT-s-OFDM QPSK	1	1	24.45	24.53	24.56	26.00
Bandwidth (MHz)	Modulation	Channel		648998	655997.9	662998	Tune-up power(dB)
		RB Size	RB offset	3732.99	3838.01	3942.94	
70	DFT-s-OFDM QPSK	1	1	24.67	24.65	24.53	26.00
Bandwidth (MHz)	Modulation	Channel		649332	655998	662663.9	Tune-up power(dB)
		RB Size	RB offset	3737.98	3837.95	3938.02	
80	DFT-s-OFDM QPSK	1	1	24.54	24.61	24.38	26.00
Bandwidth (MHz)	Modulation	Channel		649665.9	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.07	3838.05	3932.93	
90	DFT-s-OFDM QPSK	1	1	24.52	24.35	24.80	26.00
Bandwidth (MHz)	Modulation	Channel		/	649997.9	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.08	/	
100	DFT-s-OFDM BPSK	1	1	/	24.43	/	26.00
		1	137	/	24.28	/	26.00
	DFT-s-OFDM BPSK	1	271	/	24.26	/	26.00
		135	0	/	24.14	/	26.00
		135	69	/	24.15	/	26.00
	DFT-s-OFDM BPSK	135	138	/	24.05	/	26.00
		270	0	/	24.09	/	25.00
	DFT-s-OFDM QPSK	1	1	/	24.50	/	26.00
		1	137	/	24.01	/	26.00
	DFT-s-OFDM QPSK	1	271	/	24.14	/	26.00
		135	0	/	24.12	/	26.00
		135	69	/	24.36	/	26.00
		135	138	/	24.07	/	26.00
	DFT-s-OFDM QPSK	270	0	/	23.97	/	25.00
	DFT-s-OFDM 16QAM	1	1	/	23.50	/	25.00
	DFT-s-OFDM 64QAM	1	1	/	22.09	/	23.50
	DFT-s-OFDM 256QAM	1	1	/	20.03	/	21.50
	CP-OFDM QPSK	1	1	/	22.79	/	24.50
CP-OFDM 16QAM	1	1	/	22.22	/	24.00	
CP-OFDM 64QAM	1	1	/	20.60	/	22.50	
CP-OFDM 256QAM	1	1	/	17.59	/	19.50	

N78-ANT8 DSI1(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	17.45	17.52	17.58	19.00
Bandwidth (MHz)	Modulation	Channel		647165.9	655998.1	664830	Tune-up power(dB)
		RB Size	RB offset	3705.51	3838.03	3970.53	
15	DFT-s-OFDM QPSK	1	1	17.50	17.32	17.32	19.00
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3707.99	3838.02	3788	
20	DFT-s-OFDM QPSK	1	1	17.77	17.60	17.62	19.00
Bandwidth (MHz)	Modulation	Channel		647499	655998	655498	Tune-up power(dB)
		RB Size	RB offset	3710.54	3838.08	3830.51	
25	DFT-s-OFDM QPSK	1	1	17.31	17.54	17.20	19.00
Bandwidth (MHz)	Modulation	Channel		647665.9	655998	658331	Tune-up power(dB)
		RB Size	RB offset	3713.06	3838.05	3872.98	
30	DFT-s-OFDM QPSK	1	1	17.80	17.60	17.62	19.00
Bandwidth (MHz)	Modulation	Channel		647997.9	655998	663997.9	Tune-up power(dB)
		RB Size	RB offset	3718.06	3837.97	3958.01	
40	DFT-s-OFDM QPSK	1	1	17.74	17.83	17.67	19.00
Bandwidth (MHz)	Modulation	Channel		648331.9	655998	663663.9	Tune-up power(dB)
		RB Size	RB offset	3723.03	3837.97	3952.93	
50	DFT-s-OFDM QPSK	1	1	17.27	17.58	17.63	19.00
Bandwidth (MHz)	Modulation	Channel		648666.1	655998.1	663330.1	Tune-up power(dB)
		RB Size	RB offset	3727.98	3838.04	3948.01	
60	DFT-s-OFDM QPSK	1	1	17.48	17.57	17.76	19.00
Bandwidth (MHz)	Modulation	Channel		648997.9	655998.1	662998	Tune-up power(dB)
		RB Size	RB offset	3732.96	3837.97	3942.99	
70	DFT-s-OFDM QPSK	1	1	17.63	17.73	17.60	19.00
Bandwidth (MHz)	Modulation	Channel		649332	655998.1	662664	Tune-up power(dB)
		RB Size	RB offset	3737.93	3838	3938.06	
80	DFT-s-OFDM QPSK	1	1	17.54	17.69	17.38	19.00
Bandwidth (MHz)	Modulation	Channel		649666.1	655998.1	662330	Tune-up power(dB)
		RB Size	RB offset	3743.09	3838.02	3932.96	
90	DFT-s-OFDM QPSK	1	1	17.47	17.42	17.88	19.00
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.02	/	
100	DFT-s-OFDM BPSK	1	1	/	17.58	/	19.00
		1	137	/	17.27	/	19.00
	DFT-s-OFDM BPSK	1	271	/	17.26	/	19.00
		135	0	/	17.20	/	19.00
		135	69	/	17.18	/	19.00
	DFT-s-OFDM BPSK	135	138	/	17.25	/	19.00
		270	0	/	17.13	/	19.00
	DFT-s-OFDM QPSK	1	1	/	17.53	/	19.00
		1	137	/	17.31	/	19.00
	DFT-s-OFDM QPSK	1	271	/	17.25	/	19.00
		135	0	/	17.19	/	19.00
		135	69	/	17.31	/	19.00
		135	138	/	17.27	/	19.00
	DFT-s-OFDM QPSK	270	0	/	17.37	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.50	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	17.42	/	19.00
	DFT-s-OFDM 256QAM	1	1	/	17.21	/	19.00
	CP-OFDM QPSK	1	1	/	17.31	/	19.00
CP-OFDM 16QAM	1	1	/	17.24	/	19.00	
CP-OFDM 64QAM	1	1	/	17.07	/	19.00	
CP-OFDM 256QAM	1	1	/	17.22	/	19.00	

N78-ANT8 DSI2&3&4&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	16.51	16.44	16.59	18.00
Bandwidth (MHz)	Modulation	Channel		647166.1	655998	664830.1	Tune-up power(dB)
		RB Size	RB offset	3705.52	3838	3970.52	
15	DFT-s-OFDM QPSK	1	1	16.30	16.44	16.12	18.00
Bandwidth (MHz)	Modulation	Channel		647332	655998	652664	Tune-up power(dB)
		RB Size	RB offset	3707.98	3837.99	3787.94	
20	DFT-s-OFDM QPSK	1	1	16.89	16.66	16.86	18.00
Bandwidth (MHz)	Modulation	Channel		647499.1	655997.9	655498	Tune-up power(dB)
		RB Size	RB offset	3710.58	3837.94	3830.47	
25	DFT-s-OFDM QPSK	1	1	16.21	16.68	16.25	18.00
Bandwidth (MHz)	Modulation	Channel		647666	655997.9	658331	Tune-up power(dB)
		RB Size	RB offset	3712.98	3838.04	3873.04	
30	DFT-s-OFDM QPSK	1	1	16.81	16.45	16.53	18.00
Bandwidth (MHz)	Modulation	Channel		647998.1	655998.1	663997.9	Tune-up power(dB)
		RB Size	RB offset	3718.05	3838.08	3958.08	
40	DFT-s-OFDM QPSK	1	1	16.87	16.87	16.71	18.00
Bandwidth (MHz)	Modulation	Channel		648332.1	655998	663664	Tune-up power(dB)
		RB Size	RB offset	3722.94	3838.07	3953	
50	DFT-s-OFDM QPSK	1	1	16.27	16.64	16.57	18.00
Bandwidth (MHz)	Modulation	Channel		648666	655998	663330	Tune-up power(dB)
		RB Size	RB offset	3728.05	3838.02	3947.91	
60	DFT-s-OFDM QPSK	1	1	16.66	16.51	16.83	18.00
Bandwidth (MHz)	Modulation	Channel		648998.1	655998	662998	Tune-up power(dB)
		RB Size	RB offset	3733	3837.95	3942.96	
70	DFT-s-OFDM QPSK	1	1	16.62	16.65	16.59	18.00
Bandwidth (MHz)	Modulation	Channel		649332.1	655998	662664	Tune-up power(dB)
		RB Size	RB offset	3738.08	3838.01	3938	
80	DFT-s-OFDM QPSK	1	1	16.70	16.75	16.47	18.00
Bandwidth (MHz)	Modulation	Channel		649666	655998	662330	Tune-up power(dB)
		RB Size	RB offset	3743.11	3838.08	3932.9	
90	DFT-s-OFDM QPSK	1	1	16.72	16.71	16.97	18.00
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.05	/	
100	DFT-s-OFDM BPSK	1	1	/	16.41	/	18.00
		1	137	/	16.32	/	18.00
	DFT-s-OFDM BPSK	1	271	/	16.23	/	18.00
		135	0	/	16.18	/	18.00
		135	69	/	16.44	/	18.00
	DFT-s-OFDM BPSK	135	138	/	16.18	/	18.00
		270	0	/	16.49	/	18.00
	DFT-s-OFDM QPSK	1	1	/	16.27	/	18.00
		1	137	/	16.24	/	18.00
	DFT-s-OFDM QPSK	1	271	/	16.45	/	18.00
		135	0	/	16.63	/	18.00
		135	69	/	16.34	/	18.00
		135	138	/	16.46	/	18.00
	DFT-s-OFDM QPSK	270	0	/	16.52	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.58	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	16.50	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	16.43	/	18.00
	CP-OFDM QPSK	1	1	/	16.23	/	18.00
CP-OFDM 16QAM	1	1	/	16.33	/	18.00	
CP-OFDM 64QAM	1	1	/	16.13	/	18.00	
CP-OFDM 256QAM	1	1	/	16.59	/	18.00	

8.5.11 NR Band78 Output Power(ENDC)

N78-ANT9 Full power(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	21.16	21.03	21.06	22.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	21.02	21.13	21.16	22.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	21.02	21.03	21.13	22.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	21.02	21.10	21.03	22.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	21.04	21.16	21.11	22.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	21.10	21.29	21.04	22.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	21.04	21.21	21.23	22.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	21.16	21.04	21.21	22.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	21.28	21.10	21.11	22.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	21.20	21.15	21.28	22.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	21.11	21.01	21.15	22.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3748.02	/	
100	DFT-s-OFDM BPSK	1	1	/	21.17	/	22.50
		1	137	/	21.18	/	22.50
	DFT-s-OFDM BPSK	1	271	/	21.01	/	22.50
		135	0	/	21.15	/	22.50
		135	69	/	21.16	/	22.50
	DFT-s-OFDM BPSK	135	138	/	21.10	/	22.50
		270	0	/	20.95	/	21.50
	DFT-s-OFDM QPSK	1	1	/	21.15	/	22.50
		1	137	/	21.19	/	22.50
	DFT-s-OFDM QPSK	1	271	/	21.04	/	22.50
		135	0	/	20.97	/	22.50
		135	69	/	21.44	/	22.50
		135	138	/	21.30	/	22.50
	DFT-s-OFDM QPSK	270	0	/	20.83	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.61	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	19.51	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	17.65	/	18.00
	CP-OFDM QPSK	1	1	/	20.64	/	21.00
CP-OFDM 16QAM	1	1	/	20.20	/	20.50	
CP-OFDM 64QAM	1	1	/	18.70	/	19.00	
CP-OFDM 256QAM	1	1	/	15.93	/	16.00	

N78-ANT9 DSI1&5(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	12.68	12.58	12.70	14.00
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	12.51	12.51	12.49	14.00
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	12.50	12.66	12.82	14.00
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	12.64	12.58	12.68	14.00
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	12.52	12.65	12.73	14.00
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	12.57	12.94	12.56	14.00
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	12.63	12.74	12.84	14.00
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	12.69	12.66	12.84	14.00
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	12.89	12.57	12.70	14.00
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	12.73	12.60	12.86	14.00
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	12.64	12.60	12.75	14.00
Bandwidth (MHz)	Modulation	Channel		/	649998.1	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.93	/	
100	DFT-s-OFDM BPSK	1	1	/	12.66	/	14.00
		1	137	/	12.58	/	14.00
		1	271	/	12.64	/	14.00
	DFT-s-OFDM BPSK	135	0	/	12.70	/	14.00
		135	69	/	12.69	/	14.00
		135	138	/	12.57	/	14.00
	DFT-s-OFDM BPSK	270	0	/	12.63	/	14.00
	DFT-s-OFDM QPSK	1	1	/	12.67	/	14.00
		1	137	/	12.60	/	14.00
		1	271	/	12.67	/	14.00
	DFT-s-OFDM QPSK	135	0	/	12.56	/	14.00
		135	69	/	12.71	/	14.00
		135	138	/	12.49	/	14.00
	DFT-s-OFDM QPSK	270	0	/	12.57	/	14.00
	DFT-s-OFDM 16QAM	1	1	/	12.56	/	14.00
	DFT-s-OFDM 64QAM	1	1	/	12.74	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	12.46	/	14.00
	CP-OFDM QPSK	1	1	/	12.54	/	14.00
CP-OFDM 16QAM	1	1	/	12.57	/	14.00	
CP-OFDM 64QAM	1	1	/	12.58	/	14.00	
CP-OFDM 256QAM	1	1	/	12.48	/	14.00	

N78-ANT9 DSI2&3&4(PC3)

Bandwidth (MHz)	Modulation	Channel		647000	656000	665000	Tune-up power(dB)
		RB Size	RB offset	3705	3840	3975	
10	DFT-s-OFDM QPSK	1	1	15.19	15.09	15.26	16.50
Bandwidth (MHz)	Modulation	Channel		647168	656000	664832	Tune-up power(dB)
		RB Size	RB offset	3707.52	3840	3972.48	
15	DFT-s-OFDM QPSK	1	1	15.05	15.10	15.12	16.50
Bandwidth (MHz)	Modulation	Channel		647334	656000	652666	Tune-up power(dB)
		RB Size	RB offset	3710.01	3840	3789.99	
20	DFT-s-OFDM QPSK	1	1	15.06	15.20	15.38	16.50
Bandwidth (MHz)	Modulation	Channel		647501	656000	655500	Tune-up power(dB)
		RB Size	RB offset	3712.52	3840	3832.5	
25	DFT-s-OFDM QPSK	1	1	15.23	15.25	15.06	16.50
Bandwidth (MHz)	Modulation	Channel		647668	656000	658333	Tune-up power(dB)
		RB Size	RB offset	3715.02	3840	3875	
30	DFT-s-OFDM QPSK	1	1	15.23	15.21	15.15	16.50
Bandwidth (MHz)	Modulation	Channel		648000	656000	664000	Tune-up power(dB)
		RB Size	RB offset	3720	3840	3960	
40	DFT-s-OFDM QPSK	1	1	15.20	15.33	15.09	16.50
Bandwidth (MHz)	Modulation	Channel		648334	656000	663666	Tune-up power(dB)
		RB Size	RB offset	3725.01	3840	3954.99	
50	DFT-s-OFDM QPSK	1	1	15.13	15.35	15.25	16.50
Bandwidth (MHz)	Modulation	Channel		648668	656000	663332	Tune-up power(dB)
		RB Size	RB offset	3730.02	3840	3949.98	
60	DFT-s-OFDM QPSK	1	1	15.20	15.02	15.39	16.50
Bandwidth (MHz)	Modulation	Channel		649000	656000	663000	Tune-up power(dB)
		RB Size	RB offset	3735	3840	3944.99	
70	DFT-s-OFDM QPSK	1	1	15.32	15.09	15.38	16.50
Bandwidth (MHz)	Modulation	Channel		649334	656000	662666	Tune-up power(dB)
		RB Size	RB offset	3740.01	3840	3939.99	
80	DFT-s-OFDM QPSK	1	1	15.27	15.22	15.32	16.50
Bandwidth (MHz)	Modulation	Channel		649668	656000	662332	Tune-up power(dB)
		RB Size	RB offset	3745.02	3840	3934.98	
90	DFT-s-OFDM QPSK	1	1	15.22	14.96	15.19	16.50
Bandwidth (MHz)	Modulation	Channel		/	649998	/	Tune-up power(dB)
		RB Size	RB offset	/	3747.97	/	
100	DFT-s-OFDM BPSK	1	1	/	15.26	/	16.50
		1	137	/	15.12	/	16.50
	DFT-s-OFDM BPSK	1	271	/	15.13	/	16.50
		135	0	/	15.34	/	16.50
		135	69	/	15.26	/	16.50
	DFT-s-OFDM BPSK	135	138	/	15.08	/	16.50
		270	0	/	15.26	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.00	/	16.50
		1	137	/	15.16	/	16.50
	DFT-s-OFDM QPSK	1	271	/	15.05	/	16.50
		135	0	/	15.13	/	16.50
		135	69	/	15.03	/	16.50
		135	138	/	15.19	/	16.50
	DFT-s-OFDM QPSK	270	0	/	15.11	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.03	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	15.00	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	15.09	/	16.50
	CP-OFDM QPSK	1	1	/	15.07	/	16.50
CP-OFDM 16QAM	1	1	/	15.09	/	16.50	
CP-OFDM 64QAM	1	1	/	15.07	/	16.50	
CP-OFDM 256QAM	1	1	/	15.05	/	16.50	