8.3.10 LTE Band38 Output Power

LTE B38-Full Power -Ant.1

Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.45	22.60	22.55	23.50
		MID	QPSK	22.45	**22.69**	22.55	23.50
		HIGH	QPSK	22.41	22.61	22.51	23.50
	12	LOW	QPSK	21.48	21.62	21.64	22.50
		MID	QPSK	21.49	21.66	21.62	22.50
		HIGH	QPSK	21.49	21.73	21.59	22.50
	25	LOW	QPSK	21.49	21.59	21.66	22.50
5	1	LOW	Q16	21.75	21.86	22.08	22.50
		MID	Q16	21.81	22.05	22.16	22.50
		HIGH	Q16	21.75	21.89	22.04	22.50
	12	LOW	Q16	20.50	20.64	20.78	21.50
		MID	Q16	20.60	20.72	20.81	21.50
		HIGH	Q16	20.51	20.72	20.76	21.50
	25	LOW	Q16	20.51	20.69	20.70	21.50
5	1	LOW	64QAM	20.72	20.94	21.09	21.50
		MID	64QAM	20.73	20.99	21.29	21.50
		HIGH	64QAM	20.90	20.81	21.15	21.50
	12	LOW	64QAM	19.50	19.72	19.63	20.50
		MID	64QAM	19.65	19.66	19.81	20.50
		HIGH	64QAM	19.37	19.76	19.62	20.50
	25	LOW	64QAM	19.41	19.67	19.62	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	22.51	22.55	22.66	23.50
		MID	QPSK	22.48	22.54	**22.67**	23.50
		HIGH	QPSK	22.53	22.58	22.62	23.50
	25	LOW	QPSK	21.58	21.69	21.67	22.50
		MID	QPSK	21.56	21.70	21.65	22.50
		HIGH	QPSK	21.57	21.79	21.72	22.50
	50	LOW	QPSK	21.57	21.70	21.63	22.50
10	1	LOW	Q16	21.87	22.05	21.94	22.50
		MID	Q16	21.73	22.14	21.92	22.50
		HIGH	Q16	21.82	22.06	22.00	22.50
	25	LOW	Q16	20.60	20.76	20.71	21.50
		MID	Q16	20.58	20.74	20.70	21.50
		HIGH	Q16	20.57	20.77	20.78	21.50
	50	LOW	Q16	20.57	20.75	20.70	21.50
10	1	LOW	64QAM	20.95	21.00	20.83	21.50
		MID	64QAM	20.68	21.16	20.77	21.50
		HIGH	64QAM	20.84	20.95	21.04	21.50
	25	LOW	64QAM	19.65	19.73	19.72	20.50
		MID	64QAM	19.53	19.88	19.71	20.50
		HIGH	64QAM	19.45	19.81	19.80	20.50
	50	LOW	64QAM	19.63	19.74	19.58	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.40	22.53	**22.64**	23.50
		MID	QPSK	22.41	22.57	22.55	23.50
		HIGH	QPSK	22.41	22.52	22.59	23.50
	36	LOW	QPSK	21.50	21.69	21.63	22.50
		MID	QPSK	21.62	21.64	21.69	22.50
		HIGH	QPSK	21.58	21.72	21.67	22.50
	75	LOW	QPSK	21.59	21.65	21.56	22.50
15	1	LOW	Q16	21.76	22.01	21.89	22.50
		MID	Q16	21.75	22.02	21.90	22.50
		HIGH	Q16	21.83	22.03	21.88	22.50
	36	LOW	Q16	20.51	20.68	20.68	21.50
		MID	Q16	20.61	20.67	20.75	21.50
		HIGH	Q16	20.58	20.71	20.71	21.50
	75	LOW	Q16	20.58	20.70	20.67	21.50
15	1	LOW	64QAM	20.84	20.88	21.04	21.50
		MID	64QAM	20.61	20.97	20.79	21.50
		HIGH	64QAM	20.93	21.09	20.74	21.50
	36	LOW	64QAM	19.60	19.75	19.73	20.50
		MID	64QAM	19.73	19.62	19.89	20.50
		HIGH	64QAM	19.51	19.82	19.74	20.50
	75	LOW	64QAM	19.57	19.79	19.53	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.47	22.51	**22.63**	23.50
		MID	QPSK	22.48	22.58	22.61	23.50
		HIGH	QPSK	22.56	22.51	22.51	23.50
	50	LOW	QPSK	21.55	21.68	21.64	22.50
		MID	QPSK	21.66	21.67	**21.71**	22.50
		HIGH	QPSK	21.63	21.69	21.68	22.50
	100	LOW	QPSK	21.61	21.64	21.68	22.50
20	1	LOW	Q16	21.81	21.72	**22.11**	22.50
		MID	Q16	21.82	21.90	22.07	22.50
		HIGH	Q16	21.95	21.91	22.03	22.50
	50	LOW	Q16	20.51	20.72	20.64	21.50
		MID	Q16	20.58	20.70	20.77	21.50
		HIGH	Q16	20.61	20.73	20.69	21.50
	100	LOW	Q16	20.60	20.67	20.69	21.50
20	1	LOW	64QAM	20.67	20.73	20.99	21.50
		MID	64QAM	20.77	21.04	21.18	21.50
		HIGH	64QAM	20.96	20.79	21.04	21.50
	50	LOW	64QAM	19.40	19.74	19.70	20.50
		MID	64QAM	19.73	19.82	19.83	20.50
		HIGH	64QAM	19.73	19.63	19.84	20.50
	100	LOW	64QAM	19.66	19.57	19.55	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	20.04	20.32	20.26	21.00
		MID	QPSK	20.29	20.28	20.08	21.00
		HIGH	QPSK	20.27	20.04	20.13	21.00
	12	LOW	QPSK	20.34	20.22	20.36	21.00
		MID	QPSK	20.47	20.27	20.29	21.00
		HIGH	QPSK	20.24	20.29	20.14	21.00
	25	LOW	QPSK	20.35	20.19	20.36	21.00
5	1	LOW	Q16	20.33	20.37	20.59	21.00
		MID	Q16	20.43	20.46	20.44	21.00
		HIGH	Q16	**20.70**	20.41	20.48	21.00
	12	LOW	Q16	20.08	20.51	20.16	21.00
		MID	Q16	20.29	20.36	20.46	21.00
		HIGH	Q16	20.18	20.29	20.23	21.00
	25	LOW	Q16	20.22	20.37	20.39	21.00
5	1	LOW	64QAM	20.35	20.43	20.63	21.00
		MID	64QAM	20.33	20.32	20.41	21.00
		HIGH	64QAM	20.59	20.40	20.50	21.00
	12	LOW	64QAM	19.66	20.00	19.68	20.50
		MID	64QAM	19.95	19.99	19.76	20.50
		HIGH	64QAM	19.76	19.83	19.66	20.50
	25	LOW	64QAM	19.82	19.91	19.64	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	20.20	20.12	20.34	21.00
		MID	QPSK	20.07	20.17	20.19	21.00
		HIGH	QPSK	20.27	20.31	20.17	21.00
	25	LOW	QPSK	20.37	20.48	20.35	21.00
		MID	QPSK	20.43	20.50	20.30	21.00
		HIGH	QPSK	20.34	20.37	20.23	21.00
	50	LOW	QPSK	20.37	20.25	20.31	21.00
10	1	LOW	Q16	20.22	20.48	20.54	21.00
		MID	Q16	20.40	20.34	20.51	21.00
		HIGH	Q16	20.48	20.24	20.45	21.00
	25	LOW	Q16	20.10	20.25	20.41	21.00
		MID	Q16	20.33	20.44	20.21	21.00
		HIGH	Q16	20.25	20.23	20.27	21.00
	50	LOW	Q16	20.20	20.34	20.17	21.00
10	1	LOW	64QAM	20.29	20.34	**20.76**	21.00
		MID	64QAM	20.50	20.35	20.50	21.00
		HIGH	64QAM	20.42	20.30	20.61	21.00
	25	LOW	64QAM	19.69	19.78	19.67	20.50
		MID	64QAM	19.91	19.86	19.78	20.50
		HIGH	64QAM	19.67	19.90	19.81	20.50
	50	LOW	64QAM	19.87	19.93	19.91	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	20.06	20.15	20.12	21.00
		MID	QPSK	20.19	20.34	20.29	21.00
		HIGH	QPSK	20.23	20.14	20.09	21.00
	36	LOW	QPSK	20.24	20.43	20.25	21.00
		MID	QPSK	20.22	20.32	20.19	21.00
		HIGH	QPSK	20.29	20.21	20.10	21.00
	75	LOW	QPSK	20.46	20.39	20.20	21.00
15	1	LOW	Q16	20.21	20.26	20.55	21.00
		MID	Q16	20.45	20.43	**20.70**	21.00
		HIGH	Q16	20.48	20.36	20.55	21.00
	36	LOW	Q16	20.28	20.25	20.44	21.00
		MID	Q16	20.17	20.29	20.47	21.00
		HIGH	Q16	20.32	20.49	20.32	21.00
	75	LOW	Q16	20.21	20.46	20.22	21.00
15	1	LOW	64QAM	20.22	20.48	20.53	21.00
		MID	64QAM	20.61	20.45	**20.70**	21.00
		HIGH	64QAM	20.44	20.41	20.42	21.00
	36	LOW	64QAM	19.69	19.94	19.64	20.50
		MID	64QAM	19.68	19.78	19.75	20.50
		HIGH	64QAM	19.75	19.88	19.63	20.50
	75	LOW	64QAM	19.91	19.99	19.68	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	20.14	**20.27**	20.22	21.00
		MID	QPSK	20.14	20.25	20.18	21.00
		HIGH	QPSK	20.24	20.16	20.11	21.00
	50	LOW	QPSK	20.25	**20.37**	20.25	21.00
		MID	QPSK	20.34	20.35	20.30	21.00
		HIGH	QPSK	20.28	20.35	20.22	21.00
	100	LOW	QPSK	20.32	20.33	20.30	21.00
20	1	LOW	Q16	20.36	20.39	**20.68**	21.00
		MID	Q16	20.46	20.37	20.56	21.00
		HIGH	Q16	20.55	20.36	20.54	21.00
	50	LOW	Q16	20.21	20.39	20.29	21.00
		MID	Q16	20.30	20.35	20.32	21.00
		HIGH	Q16	20.30	20.36	20.26	21.00
	100	LOW	Q16	20.31	20.34	20.27	21.00
20	1	LOW	64QAM	20.31	20.47	20.61	21.00
		MID	64QAM	20.39	20.42	20.56	21.00
		HIGH	64QAM	20.54	20.27	20.46	21.00
	50	LOW	64QAM	19.60	19.87	19.80	20.50
		MID	64QAM	19.77	19.84	19.91	20.50
		HIGH	64QAM	19.73	19.95	19.69	20.50
	100	LOW	64QAM	19.68	19.86	19.68	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	16.62	16.46	16.70	17.50
		MID	QPSK	16.62	16.63	16.72	17.50
		HIGH	QPSK	16.61	16.55	16.64	17.50
	12	LOW	QPSK	16.58	16.94	16.75	17.50
		MID	QPSK	16.69	16.91	16.69	17.50
		HIGH	QPSK	16.70	16.68	16.51	17.50
	25	LOW	QPSK	16.83	16.82	16.73	17.50
5	1	LOW	Q16	16.71	16.66	16.67	17.50
		MID	Q16	16.70	16.81	16.93	17.50
		HIGH	Q16	16.77	16.67	16.87	17.50
	12	LOW	Q16	16.69	16.95	16.73	17.50
		MID	Q16	16.75	16.63	16.77	17.50
		HIGH	Q16	16.64	16.91	16.83	17.50
	25	LOW	Q16	16.83	16.71	16.65	17.50
5	1	LOW	64QAM	16.77	16.68	16.83	17.50
		MID	64QAM	16.92	16.85	**17.00**	17.50
		HIGH	64QAM	16.97	16.71	16.91	17.50
	12	LOW	64QAM	16.60	16.92	16.63	17.50
		MID	64QAM	16.56	16.86	16.83	17.50
		HIGH	64QAM	16.71	16.70	16.68	17.50
	25	LOW	64QAM	16.68	16.61	16.82	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	16.41	16.54	16.80	17.50
		MID	QPSK	16.50	16.60	16.66	17.50
		HIGH	QPSK	16.67	16.49	16.53	17.50
	25	LOW	QPSK	16.56	16.80	16.54	17.50
		MID	QPSK	16.61	16.64	16.59	17.50
		HIGH	QPSK	16.80	16.88	16.51	17.50
	50	LOW	QPSK	16.74	16.71	16.59	17.50
10	1	LOW	Q16	16.76	16.67	16.79	17.50
		MID	Q16	16.81	16.91	16.82	17.50
		HIGH	Q16	**16.95**	16.74	16.84	17.50
	25	LOW	Q16	16.65	16.90	16.63	17.50
		MID	Q16	16.56	16.63	16.82	17.50
		HIGH	Q16	16.56	16.69	16.71	17.50
	50	LOW	Q16	16.66	16.71	16.65	17.50
10	1	LOW	64QAM	16.83	16.87	16.81	17.50
		MID	64QAM	16.84	16.73	16.90	17.50
		HIGH	64QAM	16.92	16.91	16.93	17.50
	25	LOW	64QAM	16.47	16.69	16.78	17.50
		MID	64QAM	16.64	16.70	16.70	17.50
		HIGH	64QAM	16.76	16.86	16.71	17.50
	50	LOW	64QAM	16.71	16.69	16.79	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	16.59	16.69	16.58	17.50
		MID	QPSK	16.65	16.61	16.54	17.50
		HIGH	QPSK	16.55	16.48	16.64	17.50
	36	LOW	QPSK	16.80	16.88	16.65	17.50
		MID	QPSK	16.78	16.66	16.59	17.50
		HIGH	QPSK	16.79	16.70	16.49	17.50
	75	LOW	QPSK	16.65	16.67	16.88	17.50
15	1	LOW	Q16	16.97	16.73	16.68	17.50
		MID	Q16	16.67	16.94	16.97	17.50
		HIGH	Q16	16.82	16.71	16.82	17.50
	36	LOW	Q16	16.71	16.84	16.84	17.50
		MID	Q16	16.80	16.85	16.83	17.50
		HIGH	Q16	16.69	16.75	16.83	17.50
	75	LOW	Q16	16.62	16.83	16.77	17.50
15	1	LOW	64QAM	16.78	16.75	16.88	17.50
		MID	64QAM	16.77	16.96	16.80	17.50
		HIGH	64QAM	**16.98**	16.88	**16.98**	17.50
	36	LOW	64QAM	16.52	16.87	16.67	17.50
		MID	64QAM	16.59	16.60	16.80	17.50
		HIGH	64QAM	16.57	16.63	16.80	17.50
	75	LOW	64QAM	16.72	16.87	16.59	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	16.54	**16.66**	16.61	17.50
		MID	QPSK	16.54	16.63	16.58	17.50
		HIGH	QPSK	16.64	16.55	16.57	17.50
	50	LOW	QPSK	16.67	**16.79**	16.67	17.50
		MID	QPSK	16.73	16.78	16.69	17.50
		HIGH	QPSK	16.71	16.75	16.64	17.50
	100	LOW	QPSK	16.72	16.73	16.73	17.50
20	1	LOW	Q16	16.83	16.77	16.81	17.50
		MID	Q16	16.82	16.88	16.95	17.50
		HIGH	Q16	16.96	16.81	16.94	17.50
	50	LOW	Q16	16.60	16.83	16.69	17.50
		MID	Q16	16.69	16.74	16.72	17.50
		HIGH	Q16	16.71	16.76	16.72	17.50
	100	LOW	Q16	16.69	16.76	16.70	17.50
20	1	LOW	64QAM	16.72	16.62	16.81	17.50
		MID	64QAM	16.87	16.79	16.96	17.50
		HIGH	64QAM	**17.00**	16.66	16.86	17.50
	50	LOW	64QAM	16.51	16.96	16.80	17.50
		MID	64QAM	16.79	16.80	16.75	17.50
		HIGH	64QAM	16.75	16.87	16.78	17.50
	100	LOW	64QAM	16.71	16.63	16.82	17.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	19.05	19.25	19.28	20.00
		MID	QPSK	19.22	19.15	19.07	20.00
		HIGH	QPSK	19.32	19.15	19.05	20.00
	12	LOW	QPSK	19.24	19.36	19.23	20.00
		MID	QPSK	19.18	19.41	19.42	20.00
		HIGH	QPSK	19.16	19.42	19.24	20.00
	25	LOW	QPSK	19.22	19.45	19.31	20.00
5	1	LOW	Q16	19.30	19.38	19.37	20.00
		MID	Q16	19.45	19.39	19.19	20.00
		HIGH	Q16	19.39	19.32	19.47	20.00
	12	LOW	Q16	19.13	19.24	19.17	20.00
		MID	Q16	19.28	**19.48**	19.19	20.00
		HIGH	Q16	19.30	19.32	19.39	20.00
	25	LOW	Q16	19.15	19.17	19.13	20.00
5	1	LOW	64QAM	19.18	19.32	19.29	20.00
		MID	64QAM	19.36	19.28	19.17	20.00
		HIGH	64QAM	19.26	19.43	19.47	20.00
	12	LOW	64QAM	19.14	19.13	19.19	20.00
		MID	64QAM	19.25	19.33	19.15	20.00
		HIGH	64QAM	19.38	19.40	19.45	20.00
	25	LOW	64QAM	19.04	19.31	19.22	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	19.06	19.16	19.27	20.00
		MID	QPSK	19.02	19.13	19.24	20.00
		HIGH	QPSK	19.09	19.22	19.02	20.00
	25	LOW	QPSK	19.33	19.31	19.19	20.00
		MID	QPSK	19.36	19.29	19.38	20.00
		HIGH	QPSK	19.16	19.42	19.24	20.00
	50	LOW	QPSK	19.22	19.45	19.31	20.00
10	1	LOW	Q16	19.30	19.38	19.46	20.00
		MID	Q16	19.45	19.39	19.31	20.00
		HIGH	Q16	19.26	19.32	19.47	20.00
	25	LOW	Q16	19.13	19.24	19.17	20.00
		MID	Q16	19.28	**19.48**	19.19	20.00
		HIGH	Q16	19.30	19.32	19.39	20.00
	50	LOW	Q16	19.15	19.17	19.13	20.00
10	1	LOW	64QAM	19.42	19.30	19.46	20.00
		MID	64QAM	19.37	19.40	19.43	20.00
		HIGH	64QAM	19.38	19.23	19.36	20.00
	25	LOW	64QAM	19.17	19.13	19.20	20.00
		MID	64QAM	19.40	19.38	19.21	20.00
		HIGH	64QAM	19.39	19.42	19.36	20.00
	50	LOW	64QAM	19.07	19.05	19.24	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	19.12	19.24	19.30	20.00
		MID	QPSK	19.16	19.38	19.15	20.00
		HIGH	QPSK	19.12	19.13	19.12	20.00
	36	LOW	QPSK	19.27	19.43	19.20	20.00
		MID	QPSK	19.40	19.36	19.32	20.00
		HIGH	QPSK	19.23	19.30	19.16	20.00
	75	LOW	QPSK	19.26	19.15	19.22	20.00
15	1	LOW	Q16	19.28	19.44	19.42	20.00
		MID	Q16	19.44	19.35	19.14	20.00
		HIGH	Q16	19.28	19.24	**19.47**	20.00
	36	LOW	Q16	19.20	19.42	19.24	20.00
		MID	Q16	19.41	19.42	19.29	20.00
		HIGH	Q16	19.25	19.30	19.32	20.00
	75	LOW	Q16	19.24	19.20	19.32	20.00
15	1	LOW	64QAM	19.29	19.33	**19.47**	20.00
		MID	64QAM	19.41	19.28	19.04	20.00
		HIGH	64QAM	19.33	19.29	19.43	20.00
	36	LOW	64QAM	19.07	19.32	19.36	20.00
		MID	64QAM	19.45	19.45	19.39	20.00
		HIGH	64QAM	19.32	19.38	19.24	20.00
	75	LOW	64QAM	19.20	19.29	19.27	20.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	19.09	**19.27**	19.22	20.00
		MID	QPSK	19.13	19.19	19.17	20.00
		HIGH	QPSK	19.17	19.14	19.11	20.00
	50	LOW	QPSK	19.23	**19.34**	19.19	20.00
		MID	QPSK	19.28	19.33	19.29	20.00
		HIGH	QPSK	19.27	19.33	19.23	20.00
	100	LOW	QPSK	19.30	19.30	19.24	20.00
20	1	LOW	Q16	19.41	19.34	19.28	20.00
		MID	Q16	19.40	19.38	19.33	20.00
		HIGH	Q16	19.36	19.32	**19.50**	20.00
	50	LOW	Q16	19.22	19.36	19.27	20.00
		MID	Q16	19.27	19.36	19.33	20.00
		HIGH	Q16	19.32	19.35	19.30	20.00
	100	LOW	Q16	19.27	19.31	19.25	20.00
20	1	LOW	64QAM	19.34	19.48	19.20	20.00
		MID	64QAM	19.48	19.48	19.40	20.00
		HIGH	64QAM	19.48	19.36	19.41	20.00
	50	LOW	64QAM	19.36	19.29	19.24	20.00
		MID	64QAM	19.36	19.30	19.18	20.00
		HIGH	64QAM	19.25	19.38	19.16	20.00
	100	LOW	64QAM	19.38	19.34	19.31	20.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	15.01	15.05	15.01	16.00
		MID	QPSK	14.99	15.31	15.14	16.00
		HIGH	QPSK	15.01	15.00	15.14	16.00
	12	LOW	QPSK	15.06	15.36	15.30	16.00
		MID	QPSK	15.17	15.28	15.25	16.00
		HIGH	QPSK	15.32	15.34	15.25	16.00
	25	LOW	QPSK	15.08	15.24	15.19	16.00
5	1	LOW	Q16	15.34	15.34	15.40	16.00
		MID	Q16	15.47	15.47	15.33	16.00
		HIGH	Q16	15.49	15.32	15.44	16.00
	12	LOW	Q16	15.21	15.38	15.23	16.00
		MID	Q16	15.24	15.29	15.29	16.00
		HIGH	Q16	15.32	15.38	15.36	16.00
	25	LOW	Q16	15.07	15.28	15.23	16.00
5	1	LOW	64QAM	15.44	15.42	15.46	16.00
		MID	64QAM	15.29	15.39	15.50	16.00
		HIGH	64QAM	15.39	15.27	15.43	16.00
	12	LOW	64QAM	15.25	15.30	15.19	16.00
		MID	64QAM	15.10	15.18	15.30	16.00
		HIGH	64QAM	15.27	15.21	15.34	16.00
	25	LOW	64QAM	15.13	15.29	15.37	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	15.19	15.25	14.99	16.00
		MID	QPSK	14.95	15.08	14.97	16.00
		HIGH	QPSK	15.08	14.95	15.12	16.00
	25	LOW	QPSK	14.99	15.32	15.23	16.00
		MID	QPSK	15.17	15.22	15.12	16.00
		HIGH	QPSK	15.20	15.41	15.15	16.00
	50	LOW	QPSK	15.11	15.37	15.21	16.00
10	1	LOW	Q16	15.23	15.41	15.36	16.00
		MID	Q16	15.39	15.47	15.41	16.00
		HIGH	Q16	15.41	15.46	15.45	16.00
	25	LOW	Q16	15.25	15.42	15.11	16.00
		MID	Q16	15.28	15.40	15.31	16.00
		HIGH	Q16	15.18	15.47	15.24	16.00
	50	LOW	Q16	15.14	15.22	15.20	16.00
10	1	LOW	64QAM	15.17	15.23	15.42	16.00
		MID	64QAM	15.26	15.40	15.38	16.00
		HIGH	64QAM	15.47	15.32	15.48	16.00
	25	LOW	64QAM	15.22	15.44	15.11	16.00
		MID	64QAM	15.16	15.28	15.38	16.00
		HIGH	64QAM	15.29	15.26	15.40	16.00
	50	LOW	64QAM	15.29	15.35	15.19	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	14.97	15.12	15.03	16.00
		MID	QPSK	14.96	15.16	15.08	16.00
		HIGH	QPSK	15.07	15.13	15.13	16.00
	36	LOW	QPSK	14.99	15.25	15.16	16.00
		MID	QPSK	15.06	15.22	15.08	16.00
		HIGH	QPSK	15.10	15.38	15.22	16.00
	75	LOW	QPSK	15.29	15.23	15.22	16.00
15	1	LOW	Q16	15.40	15.35	15.47	16.00
		MID	Q16	15.22	15.46	15.37	16.00
		HIGH	Q16	15.49	15.40	15.46	16.00
	36	LOW	Q16	15.05	15.22	15.28	16.00
		MID	Q16	15.08	15.36	15.28	16.00
		HIGH	Q16	15.17	15.27	15.31	16.00
	75	LOW	Q16	15.10	15.44	15.17	16.00
15	1	LOW	64QAM	15.32	15.48	15.45	16.00
		MID	64QAM	15.29	15.38	15.48	16.00
		HIGH	64QAM	15.49	15.33	15.44	16.00
	36	LOW	64QAM	15.13	15.34	15.11	16.00
		MID	64QAM	15.21	15.25	15.18	16.00
		HIGH	64QAM	15.33	15.29	15.23	16.00
	75	LOW	64QAM	15.24	15.16	15.25	16.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	15.06	**15.19**	15.14	16.00
		MID	QPSK	15.03	15.13	15.12	16.00
		HIGH	QPSK	15.16	15.08	15.08	16.00
	50	LOW	QPSK	15.13	**15.29**	15.17	16.00
		MID	QPSK	15.21	15.25	15.22	16.00
		HIGH	QPSK	15.22	15.28	15.18	16.00
	100	LOW	QPSK	15.22	15.26	15.25	16.00
20	1	LOW	Q16	15.31	15.38	15.48	16.00
		MID	Q16	15.33	15.48	15.43	16.00
		HIGH	Q16	15.45	15.36	15.49	16.00
	50	LOW	Q16	15.11	15.37	15.23	16.00
		MID	Q16	15.20	15.29	15.30	16.00
		HIGH	Q16	15.21	15.35	15.27	16.00
	100	LOW	Q16	15.19	15.31	15.24	16.00
20	1	LOW	64QAM	15.40	15.48	15.42	16.00
		MID	64QAM	15.45	15.41	15.45	16.00
		HIGH	64QAM	15.43	15.37	15.49	16.00
	50	LOW	64QAM	14.99	15.32	15.36	16.00
		MID	64QAM	15.13	15.15	15.29	16.00
		HIGH	64QAM	15.27	15.35	15.13	16.00
	100	LOW	64QAM	15.08	15.25	15.18	16.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.00	23.01	24.00
		MID	QPSK	22.97	**23.11**	23.09	24.00
		HIGH	QPSK	22.91	23.02	23.03	24.00
	12	LOW	QPSK	21.95	22.06	22.15	23.00
		MID	QPSK	22.00	22.07	22.13	23.00
		HIGH	QPSK	21.96	22.15	22.08	23.00
	25	LOW	QPSK	21.96	22.10	22.06	23.00
5	1	LOW	Q16	22.36	22.31	22.30	23.00
		MID	Q16	22.55	22.41	22.42	23.00
		HIGH	Q16	22.40	22.28	22.27	23.00
	12	LOW	Q16	21.09	21.16	21.13	22.00
		MID	Q16	21.15	21.19	21.11	22.00
		HIGH	Q16	21.10	21.24	21.10	22.00
	25	LOW	Q16	21.03	21.16	21.17	22.00
5	1	LOW	64QAM	21.36	21.35	21.40	22.00
		MID	64QAM	21.65	21.47	21.55	22.00
		HIGH	64QAM	21.30	21.40	21.23	22.00
	12	LOW	64QAM	20.03	20.08	20.27	21.00
		MID	64QAM	20.03	20.12	20.01	21.00
		HIGH	64QAM	20.11	20.38	20.16	21.00
	25	LOW	64QAM	20.13	20.02	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.02	23.08	24.00
		MID	QPSK	22.94	23.02	**23.09**	24.00
		HIGH	QPSK	23.00	23.01	23.04	24.00
	25	LOW	QPSK	22.07	22.19	22.10	23.00
		MID	QPSK	22.07	22.16	22.13	23.00
		HIGH	QPSK	22.06	22.23	22.14	23.00
	50	LOW	QPSK	22.09	22.16	22.09	23.00
10	1	LOW	Q16	22.34	22.51	22.36	23.00
		MID	Q16	22.20	22.52	22.33	23.00
		HIGH	Q16	22.37	22.55	22.43	23.00
	25	LOW	Q16	21.09	21.21	21.14	22.00
		MID	Q16	21.09	21.17	21.19	22.00
		HIGH	Q16	21.07	21.21	21.21	22.00
	50	LOW	Q16	21.07	21.20	21.14	22.00
10	1	LOW	64QAM	21.34	21.41	21.49	22.00
		MID	64QAM	21.17	21.49	21.28	22.00
		HIGH	64QAM	21.22	21.43	21.40	22.00
	25	LOW	64QAM	20.11	20.28	20.12	21.00
		MID	64QAM	19.96	20.21	20.08	21.00
		HIGH	64QAM	20.20	20.16	20.31	21.00
	50	LOW	64QAM	20.20	20.05	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.97	22.97	24.00
		MID	QPSK	22.82	22.93	**23.02**	24.00
		HIGH	QPSK	22.79	22.88	22.90	24.00
	36	LOW	QPSK	21.97	22.08	22.00	23.00
		MID	QPSK	22.00	22.04	22.07	23.00
		HIGH	QPSK	22.01	22.12	22.06	23.00
	75	LOW	QPSK	21.97	22.07	21.97	23.00
15	1	LOW	Q16	22.24	22.38	22.31	23.00
		MID	Q16	22.24	22.39	22.29	23.00
		HIGH	Q16	22.21	22.34	22.24	23.00
	36	LOW	Q16	20.91	21.09	21.04	22.00
		MID	Q16	21.03	21.05	21.08	22.00
		HIGH	Q16	20.97	21.13	21.05	22.00
	75	LOW	Q16	21.04	21.03	20.99	22.00
15	1	LOW	64QAM	21.33	21.51	21.38	22.00
		MID	64QAM	21.36	21.28	21.28	22.00
		HIGH	64QAM	21.13	21.44	21.18	22.00
	36	LOW	64QAM	20.04	20.22	19.97	21.00
		MID	64QAM	20.10	20.02	20.03	21.00
		HIGH	64QAM	20.10	20.28	20.17	21.00
	75	LOW	64QAM	20.07	19.98	19.86	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.91	**22.96**	22.92	24.00
		MID	QPSK	22.87	22.93	22.91	24.00
		HIGH	QPSK	22.91	22.90	22.88	24.00
	50	LOW	QPSK	21.96	**22.10**	21.98	23.00
		MID	QPSK	22.04	22.07	22.02	23.00
		HIGH	QPSK	21.97	22.05	21.98	23.00
	100	LOW	QPSK	22.03	22.07	22.01	23.00
20	1	LOW	Q16	22.14	22.17	**22.44**	23.00
		MID	Q16	22.21	22.38	**22.44**	23.00
		HIGH	Q16	22.36	22.31	22.41	23.00
	50	LOW	Q16	20.98	21.09	21.01	22.00
		MID	Q16	21.05	21.06	21.07	22.00
		HIGH	Q16	21.06	21.11	21.05	22.00
	100	LOW	Q16	21.03	21.04	21.03	22.00
20	1	LOW	64QAM	21.10	21.30	21.30	22.00
		MID	64QAM	21.21	21.33	21.44	22.00
		HIGH	64QAM	21.36	21.43	21.26	22.00
	50	LOW	64QAM	19.90	20.16	20.16	21.00
		MID	64QAM	20.17	19.93	20.09	21.00
		HIGH	64QAM	20.02	20.06	20.14	21.00
	100	LOW	64QAM	19.89	20.13	20.05	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.00	23.01	24.00
		MID	QPSK	22.97	**23.11**	23.09	24.00
		HIGH	QPSK	22.91	23.02	23.03	24.00
	12	LOW	QPSK	21.95	22.06	22.15	23.00
		MID	QPSK	22.00	22.07	22.13	23.00
		HIGH	QPSK	21.96	22.15	22.08	23.00
	25	LOW	QPSK	21.96	22.10	22.06	23.00
5	1	LOW	Q16	22.36	22.31	22.30	23.00
		MID	Q16	22.55	22.41	22.42	23.00
		HIGH	Q16	22.40	22.28	22.27	23.00
	12	LOW	Q16	21.09	21.16	21.13	22.00
		MID	Q16	21.15	21.19	21.11	22.00
		HIGH	Q16	21.10	21.24	21.10	22.00
	25	LOW	Q16	21.03	21.16	21.17	22.00
5	1	LOW	64QAM	21.36	21.35	21.40	22.00
		MID	64QAM	21.65	21.47	21.55	22.00
		HIGH	64QAM	21.30	21.40	21.23	22.00
	12	LOW	64QAM	20.03	20.08	20.27	21.00
		MID	64QAM	20.03	20.12	20.01	21.00
		HIGH	64QAM	20.11	20.38	20.16	21.00
	25	LOW	64QAM	20.13	20.02	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.02	23.08	24.00
		MID	QPSK	22.94	23.02	**23.09**	24.00
		HIGH	QPSK	23.00	23.01	23.04	24.00
	25	LOW	QPSK	22.07	22.19	22.10	23.00
		MID	QPSK	22.07	22.16	22.13	23.00
		HIGH	QPSK	22.06	22.23	22.14	23.00
	50	LOW	QPSK	22.09	22.16	22.09	23.00
10	1	LOW	Q16	22.34	22.51	22.36	23.00
		MID	Q16	22.20	22.52	22.33	23.00
		HIGH	Q16	22.37	22.55	22.43	23.00
	25	LOW	Q16	21.09	21.21	21.14	22.00
		MID	Q16	21.09	21.17	21.19	22.00
		HIGH	Q16	21.07	21.21	21.21	22.00
	50	LOW	Q16	21.07	21.20	21.14	22.00
10	1	LOW	64QAM	21.34	21.41	21.49	22.00
		MID	64QAM	21.17	21.49	21.28	22.00
		HIGH	64QAM	21.22	21.43	21.40	22.00
	25	LOW	64QAM	20.11	20.28	20.12	21.00
		MID	64QAM	19.96	20.21	20.08	21.00
		HIGH	64QAM	20.20	20.16	20.31	21.00
	50	LOW	64QAM	20.20	20.05	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.97	22.97	24.00
		MID	QPSK	22.82	22.93	**23.02**	24.00
		HIGH	QPSK	22.79	22.88	22.90	24.00
	36	LOW	QPSK	21.97	22.08	22.00	23.00
		MID	QPSK	22.00	22.04	22.07	23.00
		HIGH	QPSK	22.01	22.12	22.06	23.00
	75	LOW	QPSK	21.97	22.07	21.97	23.00
15	1	LOW	Q16	22.24	22.38	22.31	23.00
		MID	Q16	22.24	22.39	22.29	23.00
		HIGH	Q16	22.21	22.34	22.24	23.00
	36	LOW	Q16	20.91	21.09	21.04	22.00
		MID	Q16	21.03	21.05	21.08	22.00
		HIGH	Q16	20.97	21.13	21.05	22.00
	75	LOW	Q16	21.04	21.03	20.99	22.00
15	1	LOW	64QAM	21.33	21.51	21.38	22.00
		MID	64QAM	21.36	21.28	21.28	22.00
		HIGH	64QAM	21.13	21.44	21.18	22.00
	36	LOW	64QAM	20.04	20.22	19.97	21.00
		MID	64QAM	20.10	20.02	20.03	21.00
		HIGH	64QAM	20.10	20.28	20.17	21.00
	75	LOW	64QAM	20.07	19.98	19.86	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.91	**22.96**	22.92	24.00
		MID	QPSK	22.87	22.93	22.91	24.00
		HIGH	QPSK	22.91	22.90	22.88	24.00
	50	LOW	QPSK	21.96	**22.10**	21.98	23.00
		MID	QPSK	22.04	22.07	22.02	23.00
		HIGH	QPSK	21.97	22.05	21.98	23.00
	100	LOW	QPSK	22.03	22.07	22.01	23.00
20	1	LOW	Q16	22.14	22.17	**22.44**	23.00
		MID	Q16	22.21	22.38	**22.44**	23.00
		HIGH	Q16	22.36	22.31	22.41	23.00
	50	LOW	Q16	20.98	21.09	21.01	22.00
		MID	Q16	21.05	21.06	21.07	22.00
		HIGH	Q16	21.06	21.11	21.05	22.00
	100	LOW	Q16	21.03	21.04	21.03	22.00
20	1	LOW	64QAM	21.10	21.30	21.30	22.00
		MID	64QAM	21.21	21.33	21.44	22.00
		HIGH	64QAM	21.36	21.43	21.26	22.00
	50	LOW	64QAM	19.90	20.16	20.16	21.00
		MID	64QAM	20.17	19.93	20.09	21.00
		HIGH	64QAM	20.02	20.06	20.14	21.00
	100	LOW	64QAM	19.89	20.13	20.05	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.00	23.01	24.00
		MID	QPSK	22.97	**23.11**	23.09	24.00
		HIGH	QPSK	22.91	23.02	23.03	24.00
	12	LOW	QPSK	21.95	22.06	22.15	23.00
		MID	QPSK	22.00	22.07	22.13	23.00
		HIGH	QPSK	21.96	22.15	22.08	23.00
	25	LOW	QPSK	21.96	22.10	22.06	23.00
5	1	LOW	Q16	22.36	22.31	22.30	23.00
		MID	Q16	22.55	22.41	22.42	23.00
		HIGH	Q16	22.40	22.28	22.27	23.00
	12	LOW	Q16	21.09	21.16	21.13	22.00
		MID	Q16	21.15	21.19	21.11	22.00
		HIGH	Q16	21.10	21.24	21.10	22.00
	25	LOW	Q16	21.03	21.16	21.17	22.00
5	1	LOW	64QAM	21.36	21.35	21.40	22.00
		MID	64QAM	21.65	21.47	21.55	22.00
		HIGH	64QAM	21.30	21.40	21.23	22.00
	12	LOW	64QAM	20.03	20.08	20.27	21.00
		MID	64QAM	20.03	20.12	20.01	21.00
		HIGH	64QAM	20.11	20.38	20.16	21.00
	25	LOW	64QAM	20.13	20.02	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.02	23.08	24.00
		MID	QPSK	22.94	23.02	**23.09**	24.00
		HIGH	QPSK	23.00	23.01	23.04	24.00
	25	LOW	QPSK	22.07	22.19	22.10	23.00
		MID	QPSK	22.07	22.16	22.13	23.00
		HIGH	QPSK	22.06	22.23	22.14	23.00
	50	LOW	QPSK	22.09	22.16	22.09	23.00
10	1	LOW	Q16	22.34	22.51	22.36	23.00
		MID	Q16	22.20	22.52	22.33	23.00
		HIGH	Q16	22.37	22.55	22.43	23.00
	25	LOW	Q16	21.09	21.21	21.14	22.00
		MID	Q16	21.09	21.17	21.19	22.00
		HIGH	Q16	21.07	21.21	21.21	22.00
	50	LOW	Q16	21.07	21.20	21.14	22.00
10	1	LOW	64QAM	21.34	21.41	21.49	22.00
		MID	64QAM	21.17	21.49	21.28	22.00
		HIGH	64QAM	21.22	21.43	21.40	22.00
	25	LOW	64QAM	20.11	20.28	20.12	21.00
		MID	64QAM	19.96	20.21	20.08	21.00
		HIGH	64QAM	20.20	20.16	20.31	21.00
	50	LOW	64QAM	20.20	20.05	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.97	22.97	24.00
		MID	QPSK	22.82	22.93	**23.02**	24.00
		HIGH	QPSK	22.79	22.88	22.90	24.00
	36	LOW	QPSK	21.97	22.08	22.00	23.00
		MID	QPSK	22.00	22.04	22.07	23.00
		HIGH	QPSK	22.01	22.12	22.06	23.00
	75	LOW	QPSK	21.97	22.07	21.97	23.00
15	1	LOW	Q16	22.24	22.38	22.31	23.00
		MID	Q16	22.24	22.39	22.29	23.00
		HIGH	Q16	22.21	22.34	22.24	23.00
	36	LOW	Q16	20.91	21.09	21.04	22.00
		MID	Q16	21.03	21.05	21.08	22.00
		HIGH	Q16	20.97	21.13	21.05	22.00
	75	LOW	Q16	21.04	21.03	20.99	22.00
15	1	LOW	64QAM	21.33	21.51	21.38	22.00
		MID	64QAM	21.36	21.28	21.28	22.00
		HIGH	64QAM	21.13	21.44	21.18	22.00
	36	LOW	64QAM	20.04	20.22	19.97	21.00
		MID	64QAM	20.10	20.02	20.03	21.00
		HIGH	64QAM	20.10	20.28	20.17	21.00
	75	LOW	64QAM	20.07	19.98	19.86	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.91	**22.96**	22.92	24.00
		MID	QPSK	22.87	22.93	22.91	24.00
		HIGH	QPSK	22.91	22.90	22.88	24.00
	50	LOW	QPSK	21.96	**22.10**	21.98	23.00
		MID	QPSK	22.04	22.07	22.02	23.00
		HIGH	QPSK	21.97	22.05	21.98	23.00
	100	LOW	QPSK	22.03	22.07	22.01	23.00
20	1	LOW	Q16	22.14	22.17	**22.44**	23.00
		MID	Q16	22.21	22.38	**22.44**	23.00
		HIGH	Q16	22.36	22.31	22.41	23.00
	50	LOW	Q16	20.98	21.09	21.01	22.00
		MID	Q16	21.05	21.06	21.07	22.00
		HIGH	Q16	21.06	21.11	21.05	22.00
	100	LOW	Q16	21.03	21.04	21.03	22.00
20	1	LOW	64QAM	21.10	21.30	21.30	22.00
		MID	64QAM	21.21	21.33	21.44	22.00
		HIGH	64QAM	21.36	21.43	21.26	22.00
	50	LOW	64QAM	19.90	20.16	20.16	21.00
		MID	64QAM	20.17	19.93	20.09	21.00
		HIGH	64QAM	20.02	20.06	20.14	21.00
	100	LOW	64QAM	19.89	20.13	20.05	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.00	23.01	24.00
		MID	QPSK	22.97	**23.11**	23.09	24.00
		HIGH	QPSK	22.91	23.02	23.03	24.00
	12	LOW	QPSK	21.95	22.06	22.15	23.00
		MID	QPSK	22.00	22.07	22.13	23.00
		HIGH	QPSK	21.96	22.15	22.08	23.00
	25	LOW	QPSK	21.96	22.10	22.06	23.00
5	1	LOW	Q16	22.36	22.31	22.30	23.00
		MID	Q16	22.55	22.41	22.42	23.00
		HIGH	Q16	22.40	22.28	22.27	23.00
	12	LOW	Q16	21.09	21.16	21.13	22.00
		MID	Q16	21.15	21.19	21.11	22.00
		HIGH	Q16	21.10	21.24	21.10	22.00
	25	LOW	Q16	21.03	21.16	21.17	22.00
5	1	LOW	64QAM	21.36	21.35	21.40	22.00
		MID	64QAM	21.65	21.47	21.55	22.00
		HIGH	64QAM	21.30	21.40	21.23	22.00
	12	LOW	64QAM	20.03	20.08	20.27	21.00
		MID	64QAM	20.03	20.12	20.01	21.00
		HIGH	64QAM	20.11	20.38	20.16	21.00
	25	LOW	64QAM	20.13	20.02	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.02	23.08	24.00
		MID	QPSK	22.94	23.02	**23.09**	24.00
		HIGH	QPSK	23.00	23.01	23.04	24.00
	25	LOW	QPSK	22.07	22.19	22.10	23.00
		MID	QPSK	22.07	22.16	22.13	23.00
		HIGH	QPSK	22.06	22.23	22.14	23.00
	50	LOW	QPSK	22.09	22.16	22.09	23.00
10	1	LOW	Q16	22.34	22.51	22.36	23.00
		MID	Q16	22.20	22.52	22.33	23.00
		HIGH	Q16	22.37	22.55	22.43	23.00
	25	LOW	Q16	21.09	21.21	21.14	22.00
		MID	Q16	21.09	21.17	21.19	22.00
		HIGH	Q16	21.07	21.21	21.21	22.00
	50	LOW	Q16	21.07	21.20	21.14	22.00
10	1	LOW	64QAM	21.34	21.41	21.49	22.00
		MID	64QAM	21.17	21.49	21.28	22.00
		HIGH	64QAM	21.22	21.43	21.40	22.00
	25	LOW	64QAM	20.11	20.28	20.12	21.00
		MID	64QAM	19.96	20.21	20.08	21.00
		HIGH	64QAM	20.20	20.16	20.31	21.00
	50	LOW	64QAM	20.20	20.05	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.97	22.97	24.00
		MID	QPSK	22.82	22.93	**23.02**	24.00
		HIGH	QPSK	22.79	22.88	22.90	24.00
	36	LOW	QPSK	21.97	22.08	22.00	23.00
		MID	QPSK	22.00	22.04	22.07	23.00
		HIGH	QPSK	22.01	22.12	22.06	23.00
	75	LOW	QPSK	21.97	22.07	21.97	23.00
15	1	LOW	Q16	22.24	22.38	22.31	23.00
		MID	Q16	22.24	22.39	22.29	23.00
		HIGH	Q16	22.21	22.34	22.24	23.00
	36	LOW	Q16	20.91	21.09	21.04	22.00
		MID	Q16	21.03	21.05	21.08	22.00
		HIGH	Q16	20.97	21.13	21.05	22.00
	75	LOW	Q16	21.04	21.03	20.99	22.00
15	1	LOW	64QAM	21.33	21.51	21.38	22.00
		MID	64QAM	21.36	21.28	21.28	22.00
		HIGH	64QAM	21.13	21.44	21.18	22.00
	36	LOW	64QAM	20.04	20.22	19.97	21.00
		MID	64QAM	20.10	20.02	20.03	21.00
		HIGH	64QAM	20.10	20.28	20.17	21.00
	75	LOW	64QAM	20.07	19.98	19.86	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.91	**22.96**	22.92	24.00
		MID	QPSK	22.87	22.93	22.91	24.00
		HIGH	QPSK	22.91	22.90	22.88	24.00
	50	LOW	QPSK	21.96	**22.10**	21.98	23.00
		MID	QPSK	22.04	22.07	22.02	23.00
		HIGH	QPSK	21.97	22.05	21.98	23.00
	100	LOW	QPSK	22.03	22.07	22.01	23.00
20	1	LOW	Q16	22.14	22.17	**22.44**	23.00
		MID	Q16	22.21	22.38	**22.44**	23.00
		HIGH	Q16	22.36	22.31	22.41	23.00
	50	LOW	Q16	20.98	21.09	21.01	22.00
		MID	Q16	21.05	21.06	21.07	22.00
		HIGH	Q16	21.06	21.11	21.05	22.00
	100	LOW	Q16	21.03	21.04	21.03	22.00
20	1	LOW	64QAM	21.10	21.30	21.30	22.00
		MID	64QAM	21.21	21.33	21.44	22.00
		HIGH	64QAM	21.36	21.43	21.26	22.00
	50	LOW	64QAM	19.90	20.16	20.16	21.00
		MID	64QAM	20.17	19.93	20.09	21.00
		HIGH	64QAM	20.02	20.06	20.14	21.00
	100	LOW	64QAM	19.89	20.13	20.05	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	37775	38000	38225	Tune-up power(dBm)
5	1	LOW	QPSK	22.96	23.00	23.01	24.00
		MID	QPSK	22.97	23.11	23.09	24.00
		HIGH	QPSK	22.91	23.02	23.03	24.00
	12	LOW	QPSK	21.95	22.06	22.15	23.00
		MID	QPSK	22.00	22.07	22.13	23.00
		HIGH	QPSK	21.96	22.15	22.08	23.00
	25	LOW	QPSK	21.96	22.10	22.06	23.00
5	1	LOW	Q16	22.36	22.31	22.30	23.00
		MID	Q16	22.55	22.41	22.42	23.00
		HIGH	Q16	22.40	22.28	22.27	23.00
	12	LOW	Q16	21.09	21.16	21.13	22.00
		MID	Q16	21.15	21.19	21.11	22.00
		HIGH	Q16	21.10	21.24	21.10	22.00
	25	LOW	Q16	21.03	21.16	21.17	22.00
5	1	LOW	64QAM	21.36	21.35	21.40	22.00
		MID	64QAM	21.65	21.47	21.55	22.00
		HIGH	64QAM	21.30	21.40	21.23	22.00
	12	LOW	64QAM	20.03	20.08	20.27	21.00
		MID	64QAM	20.03	20.12	20.01	21.00
		HIGH	64QAM	20.11	20.38	20.16	21.00
	25	LOW	64QAM	20.13	20.02	20.26	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37800	38000	38200	Tune-up power(dBm)
10	1	LOW	QPSK	23.03	23.02	23.08	24.00
		MID	QPSK	22.94	23.02	23.09	24.00
		HIGH	QPSK	23.00	23.01	23.04	24.00
	25	LOW	QPSK	22.07	22.19	22.10	23.00
		MID	QPSK	22.07	22.16	22.13	23.00
		HIGH	QPSK	22.06	22.23	22.14	23.00
	50	LOW	QPSK	22.09	22.16	22.09	23.00
10	1	LOW	Q16	22.34	22.51	22.36	23.00
		MID	Q16	22.20	22.52	22.33	23.00
		HIGH	Q16	22.37	22.55	22.43	23.00
	25	LOW	Q16	21.09	21.21	21.14	22.00
		MID	Q16	21.09	21.17	21.19	22.00
		HIGH	Q16	21.07	21.21	21.21	22.00
	50	LOW	Q16	21.07	21.20	21.14	22.00
10	1	LOW	64QAM	21.34	21.41	21.49	22.00
		MID	64QAM	21.17	21.49	21.28	22.00
		HIGH	64QAM	21.22	21.43	21.40	22.00
	25	LOW	64QAM	20.11	20.28	20.12	21.00
		MID	64QAM	19.96	20.21	20.08	21.00
		HIGH	64QAM	20.20	20.16	20.31	21.00
	50	LOW	64QAM	20.20	20.05	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37825	38000	38175	Tune-up power(dBm)
15	1	LOW	QPSK	22.89	22.97	22.97	24.00
		MID	QPSK	22.82	22.93	23.02	24.00
		HIGH	QPSK	22.79	22.88	22.90	24.00
	36	LOW	QPSK	21.97	22.08	22.00	23.00
		MID	QPSK	22.00	22.04	22.07	23.00
		HIGH	QPSK	22.01	22.12	22.06	23.00
	75	LOW	QPSK	21.97	22.07	21.97	23.00
15	1	LOW	Q16	22.24	22.38	22.31	23.00
		MID	Q16	22.24	22.39	22.29	23.00
		HIGH	Q16	22.21	22.34	22.24	23.00
	36	LOW	Q16	20.91	21.09	21.04	22.00
		MID	Q16	21.03	21.05	21.08	22.00
		HIGH	Q16	20.97	21.13	21.05	22.00
	75	LOW	Q16	21.04	21.03	20.99	22.00
15	1	LOW	64QAM	21.33	21.51	21.38	22.00
		MID	64QAM	21.36	21.28	21.28	22.00
		HIGH	64QAM	21.13	21.44	21.18	22.00
	36	LOW	64QAM	20.04	20.22	19.97	21.00
		MID	64QAM	20.10	20.02	20.03	21.00
		HIGH	64QAM	20.10	20.28	20.17	21.00
	75	LOW	64QAM	20.07	19.98	19.86	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	37850	38000	38150	Tune-up power(dBm)
20	1	LOW	QPSK	22.91	**22.96**	22.92	24.00
		MID	QPSK	22.87	22.93	22.91	24.00
		HIGH	QPSK	22.91	22.90	22.88	24.00
	50	LOW	QPSK	21.96	**22.10**	21.98	23.00
		MID	QPSK	22.04	22.07	22.02	23.00
		HIGH	QPSK	21.97	22.05	21.98	23.00
	100	LOW	QPSK	22.03	22.07	22.01	23.00
20	1	LOW	Q16	22.14	22.17	**22.44**	23.00
		MID	Q16	22.21	22.38	**22.44**	23.00
		HIGH	Q16	22.36	22.31	22.41	23.00
	50	LOW	Q16	20.98	21.09	21.01	22.00
		MID	Q16	21.05	21.06	21.07	22.00
		HIGH	Q16	21.06	21.11	21.05	22.00
	100	LOW	Q16	21.03	21.04	21.03	22.00
20	1	LOW	64QAM	21.10	21.30	21.30	22.00
		MID	64QAM	21.21	21.33	21.44	22.00
		HIGH	64QAM	21.36	21.43	21.26	22.00
	50	LOW	64QAM	19.90	20.16	20.16	21.00
		MID	64QAM	20.17	19.93	20.09	21.00
		HIGH	64QAM	20.02	20.06	20.14	21.00
	100	LOW	64QAM	19.89	20.13	20.05	21.00

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8.3.11 LTE Band41 Output Power

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	22.80	22.69	22.82	22.82	22.87	23.50
		MID	QPSK	22.82	22.86	**22.97**	22.87	22.93	23.50
		HIGH	QPSK	22.76	22.76	22.86	22.80	22.77	23.50
	12	LOW	QPSK	21.83	21.76	21.84	21.75	21.82	22.50
		MID	QPSK	21.86	21.82	21.97	21.88	21.90	22.50
		HIGH	QPSK	21.81	21.76	21.92	21.86	21.86	22.50
	25	LOW	QPSK	21.78	21.75	21.85	21.81	21.79	22.50
5	1	LOW	Q16	22.10	22.12	22.13	22.07	22.33	22.50
		MID	Q16	22.17	22.27	22.31	22.23	22.46	22.50
		HIGH	Q16	22.07	22.17	22.13	22.11	22.29	22.50
	12	LOW	Q16	20.81	20.93	20.87	20.79	20.99	21.50
		MID	Q16	20.87	20.96	21.00	20.96	21.06	21.50
		HIGH	Q16	20.81	20.95	20.99	20.89	21.03	21.50
	25	LOW	Q16	20.92	20.84	20.90	20.90	20.88	21.50
5	1	LOW	64QAM	20.95	21.10	21.23	21.07	21.42	21.50
		MID	64QAM	21.02	21.41	21.30	21.13	21.43	21.50
		HIGH	64QAM	20.93	21.30	21.21	21.26	21.14	21.50
	12	LOW	64QAM	19.95	19.92	19.76	19.77	19.92	20.50
		MID	64QAM	19.76	19.93	19.90	20.02	19.94	20.50
		HIGH	64QAM	19.85	19.93	19.88	20.02	20.05	20.50
	25	LOW	64QAM	19.80	19.82	20.04	19.78	19.92	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	22.76	22.68	22.99	22.78	22.93	23.50
		MID	QPSK	22.72	22.72	**23.00**	22.76	22.82	23.50
		HIGH	QPSK	22.70	22.72	22.99	22.81	22.77	23.50
	25	LOW	QPSK	21.76	21.77	21.98	21.77	21.96	22.50
		MID	QPSK	21.86	21.88	21.96	21.79	22.03	22.50
		HIGH	QPSK	21.81	21.85	22.01	21.87	21.97	22.50
	50	LOW	QPSK	21.83	21.85	21.91	21.80	22.00	22.50
10	1	LOW	Q16	21.97	22.22	22.39	22.05	22.40	22.50
		MID	Q16	21.97	22.25	22.36	22.10	22.41	22.50
		HIGH	Q16	22.07	22.28	22.37	22.12	22.32	22.50
	25	LOW	Q16	20.74	20.81	21.03	20.83	20.93	21.50
		MID	Q16	20.93	20.87	21.04	20.88	21.04	21.50
		HIGH	Q16	20.82	20.87	21.06	20.97	20.98	21.50
	50	LOW	Q16	20.86	20.89	21.02	20.82	21.04	21.50
10	1	LOW	64QAM	20.84	21.19	21.29	20.97	21.28	21.50
		MID	64QAM	20.93	21.35	21.50	21.11	21.40	21.50
		HIGH	64QAM	21.09	21.36	21.35	21.08	21.38	21.50
	25	LOW	64QAM	19.62	19.96	20.01	19.98	19.96	20.50
		MID	64QAM	19.97	19.96	20.11	20.02	20.18	20.50
		HIGH	64QAM	19.91	19.77	20.06	20.06	20.00	20.50
	50	LOW	64QAM	19.93	19.78	20.11	19.92	20.08	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	22.65	22.66	22.88	22.66	**22.90**	23.50
		MID	QPSK	22.55	22.72	22.83	22.63	22.83	23.50
		HIGH	QPSK	22.56	22.74	**22.90**	22.74	22.85	23.50
	36	LOW	QPSK	21.74	21.81	21.92	21.75	21.95	22.50
		MID	QPSK	21.81	21.86	21.88	21.77	22.01	22.50
		HIGH	QPSK	21.81	21.85	21.93	21.84	21.96	22.50
	75	LOW	QPSK	21.78	21.82	21.92	21.74	21.98	22.50
15	1	LOW	Q16	21.97	22.21	22.17	22.00	22.36	22.50
		MID	Q16	21.94	22.15	22.16	22.01	22.31	22.50
		HIGH	Q16	21.90	22.30	22.15	22.07	22.28	22.50
	36	LOW	Q16	20.69	20.76	20.97	20.76	20.97	21.50
		MID	Q16	20.75	20.85	20.95	20.79	21.00	21.50
		HIGH	Q16	20.82	20.83	20.97	20.85	20.96	21.50
	75	LOW	Q16	20.85	20.85	20.91	20.83	21.00	21.50
15	1	LOW	64QAM	20.98	21.06	21.24	20.88	21.40	21.50
		MID	64QAM	20.92	21.06	21.23	21.15	21.26	21.50
		HIGH	64QAM	20.88	21.16	21.10	21.19	21.29	21.50
	36	LOW	64QAM	19.64	19.89	20.04	19.75	20.00	20.50
		MID	64QAM	19.66	19.73	19.98	19.79	20.09	20.50
		HIGH	64QAM	19.69	19.88	19.93	19.81	19.91	20.50
	75	LOW	64QAM	19.79	19.77	19.80	19.92	19.97	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	22.63	22.67	**22.95**	22.72	22.91	23.50
		MID	QPSK	22.61	22.65	22.85	22.61	22.81	23.50
		HIGH	QPSK	22.62	22.61	22.89	22.72	22.80	23.50
	50	LOW	QPSK	21.74	21.75	21.94	21.76	21.93	22.50
		MID	QPSK	21.82	21.84	21.90	21.80	21.91	22.50
		HIGH	QPSK	21.78	21.82	21.93	21.81	21.94	22.50
	100	LOW	QPSK	21.78	21.83	21.91	21.81	21.85	22.50
20	1	LOW	Q16	21.93	21.87	22.35	22.08	22.18	22.50
		MID	Q16	21.94	21.89	22.26	22.05	22.09	22.50
		HIGH	Q16	21.96	21.88	22.31	22.08	22.14	22.50
	50	LOW	Q16	20.68	20.78	20.95	20.73	20.95	21.50
		MID	Q16	20.74	20.84	20.95	20.84	20.93	21.50
		HIGH	Q16	20.71	20.83	21.00	20.82	20.97	21.50
	100	LOW	Q16	20.74	20.85	20.89	20.82	20.91	21.50
20	1	LOW	64QAM	20.88	20.80	21.23	21.07	21.09	21.50
		MID	64QAM	21.07	20.87	21.11	21.12	20.97	21.50
		HIGH	64QAM	21.10	20.77	21.20	21.06	21.12	21.50
	50	LOW	64QAM	19.65	19.67	19.96	19.62	19.90	20.50
		MID	64QAM	19.75	19.90	20.05	19.85	19.91	20.50
		HIGH	64QAM	19.70	19.71	20.01	19.68	19.92	20.50
	100	LOW	64QAM	19.89	19.74	19.87	19.68	19.84	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.19	21.21	21.33	21.19	21.38	22.00
		MID	QPSK	21.26	21.36	21.47	21.31	21.46	22.00
		HIGH	QPSK	21.27	21.24	21.35	21.24	21.30	22.00
	12	LOW	QPSK	21.23	21.31	21.33	21.22	21.39	22.00
		MID	QPSK	21.30	21.36	21.37	21.39	21.38	22.00
		HIGH	QPSK	21.28	21.32	21.39	21.33	21.43	22.00
	25	LOW	QPSK	21.15	21.31	21.34	21.30	21.31	22.00
5	1	LOW	Q16	21.56	21.50	21.74	21.45	21.67	22.00
		MID	Q16	21.64	21.69	**21.93**	21.60	21.81	22.00
		HIGH	Q16	21.56	21.52	21.83	21.46	21.61	22.00
	12	LOW	Q16	20.81	20.84	21.01	20.79	20.90	21.50
		MID	Q16	20.99	20.85	20.99	20.95	20.89	21.50
		HIGH	Q16	20.86	20.78	21.05	20.89	20.90	21.50
	25	LOW	Q16	20.76	20.86	20.88	20.83	20.87	21.50
5	1	LOW	64QAM	21.06	21.10	21.25	20.94	21.21	21.50
		MID	64QAM	21.27	21.33	21.36	21.23	21.29	21.50
		HIGH	64QAM	21.03	20.91	21.46	20.90	20.98	21.50
	12	LOW	64QAM	19.83	19.69	19.99	19.65	19.90	20.50
		MID	64QAM	19.89	19.78	19.95	20.06	19.93	20.50
		HIGH	64QAM	19.74	19.76	20.06	19.82	20.00	20.50
	25	LOW	64QAM	19.83	19.87	19.95	19.90	19.73	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.17	21.19	21.48	21.22	21.39	22.00
		MID	QPSK	21.16	21.22	21.48	21.27	21.32	22.00
		HIGH	QPSK	21.18	21.21	21.43	21.25	21.24	22.00
	25	LOW	QPSK	21.23	21.25	21.41	21.27	21.43	22.00
		MID	QPSK	21.34	21.36	21.43	21.29	21.55	22.00
		HIGH	QPSK	21.29	21.34	21.48	21.34	21.46	22.00
	50	LOW	QPSK	21.28	21.34	21.41	21.28	21.48	22.00
10	1	LOW	Q16	21.44	21.66	21.73	21.57	**21.86**	22.00
		MID	Q16	21.42	21.54	21.74	21.56	21.70	22.00
		HIGH	Q16	21.51	21.71	21.71	21.58	21.63	22.00
	25	LOW	Q16	20.74	20.76	20.98	20.83	20.94	21.50
		MID	Q16	20.71	20.85	21.02	20.83	21.04	21.50
		HIGH	Q16	20.77	20.86	21.02	20.92	20.95	21.50
	50	LOW	Q16	20.65	20.86	20.95	20.78	21.02	21.50
10	1	LOW	64QAM	20.81	21.30	21.12	21.13	21.44	21.50
		MID	64QAM	20.94	21.25	21.13	20.96	21.02	21.50
		HIGH	64QAM	20.93	21.32	21.22	21.12	21.34	21.50
	25	LOW	64QAM	19.82	19.87	19.95	19.91	19.96	20.50
		MID	64QAM	19.84	19.87	19.90	19.89	19.92	20.50
		HIGH	64QAM	19.75	19.78	20.10	19.98	19.94	20.50
	50	LOW	64QAM	19.73	19.85	19.95	19.86	20.17	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.08	21.23	21.45	21.21	21.36	22.00
		MID	QPSK	21.08	21.19	21.42	21.18	21.36	22.00
		HIGH	QPSK	21.03	21.26	21.41	21.28	21.30	22.00
	36	LOW	QPSK	21.23	21.26	21.44	21.27	21.46	22.00
		MID	QPSK	21.26	21.32	21.40	21.26	21.49	22.00
		HIGH	QPSK	21.26	21.33	21.43	21.35	21.44	22.00
	75	LOW	QPSK	21.27	21.31	21.39	21.28	21.47	22.00
15	1	LOW	Q16	21.45	21.70	21.68	21.56	21.67	22.00
		MID	Q16	21.42	21.64	21.66	21.50	**21.79**	22.00
		HIGH	Q16	21.35	21.59	21.64	21.59	21.76	22.00
	36	LOW	Q16	20.70	20.77	20.98	20.79	20.95	21.50
		MID	Q16	20.83	20.86	20.95	20.78	21.03	21.50
		HIGH	Q16	20.75	20.80	20.97	20.86	20.96	21.50
	75	LOW	Q16	20.79	20.84	20.88	20.76	21.00	21.50
15	1	LOW	64QAM	21.06	21.21	21.27	21.21	21.34	21.50
		MID	64QAM	20.77	21.23	21.12	20.95	21.32	21.50
		HIGH	64QAM	20.75	21.32	21.12	21.19	21.19	21.50
	36	LOW	64QAM	19.64	19.64	20.10	19.83	19.93	20.50
		MID	64QAM	19.71	20.00	20.01	19.88	20.07	20.50
		HIGH	64QAM	19.87	19.80	20.00	19.91	19.92	20.50
	75	LOW	64QAM	19.71	19.79	19.99	19.65	19.99	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.13	21.14	**21.47**	21.25	21.42	22.00
		MID	QPSK	21.15	21.17	21.40	21.22	21.27	22.00
		HIGH	QPSK	21.11	21.15	21.39	21.31	21.31	22.00
	50	LOW	QPSK	21.23	21.27	**21.48**	21.31	21.46	22.00
		MID	QPSK	21.31	21.36	21.46	21.36	21.46	22.00
		HIGH	QPSK	21.28	21.36	21.43	21.36	21.45	22.00
	100	LOW	QPSK	21.30	21.33	21.42	21.36	21.41	22.00
20	1	LOW	Q16	21.44	21.40	**21.89**	21.69	21.61	22.00
		MID	Q16	21.49	21.39	21.79	21.59	21.59	22.00
		HIGH	Q16	21.51	21.43	21.81	21.66	21.55	22.00
	50	LOW	Q16	20.74	20.80	21.02	20.79	20.99	21.50
		MID	Q16	20.90	20.85	20.98	20.89	20.96	21.50
		HIGH	Q16	20.80	20.86	21.01	20.86	21.00	21.50
	100	LOW	Q16	20.93	20.86	20.92	20.87	20.91	21.50
20	1	LOW	64QAM	20.94	20.98	21.41	21.04	20.96	21.50
		MID	64QAM	20.89	20.81	21.35	21.21	21.04	21.50
		HIGH	64QAM	20.94	20.99	21.34	21.24	21.03	21.50
	50	LOW	64QAM	19.74	19.75	19.91	19.92	19.96	20.50
		MID	64QAM	19.79	19.73	20.00	19.96	19.83	20.50
		HIGH	64QAM	19.82	19.86	20.09	19.95	19.93	20.50
	100	LOW	64QAM	20.01	19.74	20.05	19.95	19.77	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	16.52	16.61	16.78	16.58	16.76	17.50
		MID	QPSK	16.57	16.67	16.87	16.72	16.86	17.50
		HIGH	QPSK	16.56	16.63	16.80	16.66	16.76	17.50
	12	LOW	QPSK	16.63	16.65	16.79	16.65	16.77	17.50
		MID	QPSK	16.69	16.74	16.81	16.84	16.85	17.50
		HIGH	QPSK	16.65	16.71	16.85	16.79	16.77	17.50
	25	LOW	QPSK	16.59	16.65	16.80	16.74	16.72	17.50
5	1	LOW	Q16	16.94	16.91	16.94	16.95	16.81	17.50
		MID	Q16	16.70	16.85	16.87	16.94	16.82	17.50
		HIGH	Q16	16.88	16.97	16.96	16.97	16.99	17.50
	12	LOW	Q16	16.79	16.64	16.89	16.78	16.77	17.50
		MID	Q16	16.74	16.78	16.99	16.85	16.79	17.50
		HIGH	Q16	16.72	16.70	16.99	16.80	16.78	17.50
	25	LOW	Q16	16.66	16.70	16.80	16.74	16.78	17.50
5	1	LOW	64QAM	16.87	16.81	16.84	16.85	16.72	17.50
		MID	64QAM	16.67	16.92	16.93	17.00	16.91	17.50
		HIGH	64QAM	16.78	16.93	16.97	16.90	16.89	17.50
	12	LOW	64QAM	16.66	16.70	16.81	16.66	16.65	17.50
		MID	64QAM	16.64	16.64	16.97	16.80	16.82	17.50
		HIGH	64QAM	16.84	16.70	16.88	16.94	16.89	17.50
	25	LOW	64QAM	16.61	16.72	16.79	16.70	16.82	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	16.50	16.58	16.90	16.65	16.80	17.50
		MID	QPSK	16.50	16.60	16.93	16.66	16.79	17.50
		HIGH	QPSK	16.53	16.64	16.86	16.71	16.77	17.50
	25	LOW	QPSK	16.58	16.58	16.90	16.69	16.81	17.50
		MID	QPSK	16.67	16.74	16.89	16.79	16.92	17.50
		HIGH	QPSK	16.66	16.74	16.91	16.82	16.85	17.50
	50	LOW	QPSK	16.65	16.71	16.85	16.72	16.87	17.50
10	1	LOW	Q16	16.79	16.65	16.91	16.51	16.97	17.50
		MID	Q16	16.81	16.74	16.82	16.81	16.96	17.50
		HIGH	Q16	16.80	16.84	16.85	16.86	16.83	17.50
	25	LOW	Q16	16.62	16.64	16.93	16.74	16.84	17.50
		MID	Q16	16.68	16.76	16.92	16.76	16.94	17.50
		HIGH	Q16	16.70	16.74	16.95	16.82	16.90	17.50
	50	LOW	Q16	16.66	16.78	16.85	16.69	16.93	17.50
10	1	LOW	64QAM	16.67	16.63	16.86	16.56	16.78	17.50
		MID	64QAM	16.89	16.59	16.84	16.92	16.88	17.50
		HIGH	64QAM	16.67	16.75	16.80	16.76	16.68	17.50
	25	LOW	64QAM	16.56	16.60	16.92	16.75	16.90	17.50
		MID	64QAM	16.58	16.71	16.91	16.65	16.93	17.50
		HIGH	64QAM	16.81	16.60	16.90	16.73	16.97	17.50
	50	LOW	64QAM	16.70	16.76	16.82	16.60	16.86	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	16.46	16.56	16.82	16.60	16.87	17.50
		MID	QPSK	16.43	16.55	16.77	16.58	16.80	17.50
		HIGH	QPSK	16.37	16.70	16.81	16.62	16.79	17.50
	36	LOW	QPSK	16.54	16.59	16.84	16.66	16.86	17.50
		MID	QPSK	16.60	16.70	16.80	16.69	16.92	17.50
		HIGH	QPSK	16.58	16.67	16.86	16.73	16.85	17.50
	75	LOW	QPSK	16.65	16.66	16.76	16.69	16.91	17.50
15	1	LOW	Q16	16.77	16.83	16.73	16.92	16.98	17.50
		MID	Q16	16.72	16.90	16.95	16.87	16.99	17.50
		HIGH	Q16	16.72	16.89	16.82	16.96	17.00	17.50
	36	LOW	Q16	16.55	16.65	16.88	16.63	16.83	17.50
		MID	Q16	16.63	16.67	16.85	16.67	16.86	17.50
		HIGH	Q16	16.63	16.70	16.91	16.75	16.81	17.50
	75	LOW	Q16	16.61	16.66	16.83	16.68	16.85	17.50
15	1	LOW	64QAM	16.83	16.75	16.67	16.97	16.98	17.50
		MID	64QAM	16.73	16.78	16.98	16.85	16.83	17.50
		HIGH	64QAM	16.85	16.80	16.71	16.97	16.88	17.50
	36	LOW	64QAM	16.66	16.70	16.82	16.55	16.80	17.50
		MID	64QAM	16.71	16.77	16.75	16.73	16.78	17.50
		HIGH	64QAM	16.70	16.69	16.82	16.85	16.80	17.50
	75	LOW	64QAM	16.64	16.64	16.97	16.81	16.70	17.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	16.49	16.54	**16.94**	16.68	16.92	17.50
		MID	QPSK	16.48	16.59	16.79	16.58	16.80	17.50
		HIGH	QPSK	16.48	16.58	16.82	16.71	16.78	17.50
	50	LOW	QPSK	16.58	16.62	**16.87**	16.68	16.85	17.50
		MID	QPSK	16.65	16.73	16.83	16.76	16.83	17.50
		HIGH	QPSK	16.65	16.73	16.85	16.76	16.82	17.50
	100	LOW	QPSK	16.66	16.70	16.78	16.77	16.86	17.50
20	1	LOW	Q16	16.76	16.69	16.97	17.00	16.97	17.50
		MID	Q16	16.78	16.67	16.89	16.86	16.88	17.50
		HIGH	Q16	16.83	16.72	16.79	16.98	16.81	17.50
	50	LOW	Q16	16.62	16.65	16.91	16.70	16.83	17.50
		MID	Q16	16.68	16.75	16.86	16.79	16.84	17.50
		HIGH	Q16	16.67	16.75	16.91	16.77	16.83	17.50
	100	LOW	Q16	16.63	16.74	16.83	16.77	16.77	17.50
20	1	LOW	64QAM	16.63	16.55	16.86	16.89	16.94	17.50
		MID	64QAM	16.71	16.66	16.82	16.89	16.82	17.50
		HIGH	64QAM	16.75	16.57	16.87	16.95	16.77	17.50
	50	LOW	64QAM	16.65	16.51	16.93	16.59	16.68	17.50
		MID	64QAM	16.73	16.88	16.74	16.64	16.85	17.50
		HIGH	64QAM	16.76	16.64	16.86	16.86	16.86	17.50
	100	LOW	64QAM	16.52	16.85	16.76	16.77	16.74	17.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	19.55	19.61	19.77	19.60	19.82	20.50
		MID	QPSK	19.56	19.69	19.81	19.68	19.83	20.50
		HIGH	QPSK	19.54	19.61	19.77	19.63	19.69	20.50
	12	LOW	QPSK	19.63	19.69	19.73	19.65	19.78	20.50
		MID	QPSK	19.86	19.69	19.80	19.82	19.81	20.50
		HIGH	QPSK	19.59	19.68	19.83	19.75	19.79	20.50
	25	LOW	QPSK	19.57	19.63	19.72	19.73	19.72	20.50
5	1	LOW	Q16	19.57	19.63	19.80	19.78	19.85	20.50
		MID	Q16	19.72	19.56	**20.00**	19.69	19.95	20.50
		HIGH	Q16	19.64	19.57	19.91	19.57	19.57	20.50
	12	LOW	Q16	19.75	19.69	19.85	19.70	19.82	20.50
		MID	Q16	19.70	19.73	19.98	19.87	19.83	20.50
		HIGH	Q16	19.60	19.69	19.96	19.77	19.84	20.50
	25	LOW	Q16	19.65	19.73	19.83	19.75	19.81	20.50
5	1	LOW	64QAM	19.43	19.50	19.77	19.64	19.84	20.50
		MID	64QAM	19.75	19.65	19.99	19.69	19.82	20.50
		HIGH	64QAM	19.57	19.42	19.76	19.66	19.44	20.50
	12	LOW	64QAM	19.65	19.70	19.78	19.70	19.68	20.50
		MID	64QAM	19.82	19.66	19.94	19.77	19.84	20.50
		HIGH	64QAM	19.48	19.76	19.84	19.80	19.96	20.50
	25	LOW	64QAM	19.62	19.87	19.82	19.86	19.71	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	19.49	19.63	19.86	19.64	19.80	20.50
		MID	QPSK	19.49	19.63	19.91	19.69	19.76	20.50
		HIGH	QPSK	19.50	19.66	19.84	19.69	19.67	20.50
	25	LOW	QPSK	19.59	19.66	19.86	19.71	19.85	20.50
		MID	QPSK	19.71	19.76	19.86	19.76	19.97	20.50
		HIGH	QPSK	19.65	19.73	19.93	19.79	19.90	20.50
	50	LOW	QPSK	19.62	19.75	19.84	19.71	19.92	20.50
10	1	LOW	Q16	19.75	19.63	19.81	19.69	19.71	20.50
		MID	Q16	19.69	19.68	19.57	19.50	19.94	20.50
		HIGH	Q16	19.84	19.63	19.72	19.61	19.80	20.50
	25	LOW	Q16	19.57	19.69	19.94	19.78	19.88	20.50
		MID	Q16	19.53	19.77	19.95	19.81	19.96	20.50
		HIGH	Q16	19.54	19.79	**19.99**	19.87	19.88	20.50
	50	LOW	Q16	19.78	19.77	19.91	19.76	19.96	20.50
10	1	LOW	64QAM	19.90	19.49	19.93	19.73	19.64	20.50
		MID	64QAM	19.82	19.65	19.48	19.59	19.83	20.50
		HIGH	64QAM	19.83	19.71	19.79	19.58	19.95	20.50
	25	LOW	64QAM	19.50	19.62	19.87	19.89	19.91	20.50
		MID	64QAM	19.47	19.86	19.89	19.90	19.85	20.50
		HIGH	64QAM	19.67	19.64	19.90	19.93	19.80	20.50
	50	LOW	64QAM	19.82	19.71	19.90	19.82	19.83	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	19.40	19.57	19.90	19.64	19.77	20.50
		MID	QPSK	19.44	19.53	19.81	19.62	19.75	20.50
		HIGH	QPSK	19.40	19.64	19.84	19.72	19.74	20.50
	36	LOW	QPSK	19.57	19.64	19.84	19.70	19.88	20.50
		MID	QPSK	19.52	19.70	19.83	19.73	19.92	20.50
		HIGH	QPSK	19.77	19.73	19.88	19.77	19.86	20.50
	75	LOW	QPSK	19.60	19.68	19.78	19.66	19.90	20.50
15	1	LOW	Q16	19.13	19.56	19.55	19.66	19.90	20.50
		MID	Q16	19.08	19.56	19.70	19.33	19.60	20.50
		HIGH	Q16	19.19	19.52	19.50	19.56	19.78	20.50
	36	LOW	Q16	19.53	19.65	19.94	19.74	19.89	20.50
		MID	Q16	19.59	19.72	19.89	19.74	19.93	20.50
		HIGH	Q16	19.63	19.66	19.95	19.79	19.86	20.50
	75	LOW	Q16	19.68	19.73	19.84	19.72	19.92	20.50
15	1	LOW	64QAM	18.98	19.65	19.46	19.73	19.81	20.50
		MID	64QAM	19.00	19.43	19.76	19.48	19.57	20.50
		HIGH	64QAM	19.34	19.37	19.47	19.46	19.84	20.50
	36	LOW	64QAM	19.54	19.78	19.87	19.82	19.89	20.50
		MID	64QAM	19.50	19.74	19.79	19.77	19.92	20.50
		HIGH	64QAM	19.73	19.56	19.94	19.64	19.82	20.50
	75	LOW	64QAM	19.67	19.80	**19.98**	19.87	19.81	20.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	19.52	19.57	**19.94**	19.69	19.86	20.50
		MID	QPSK	19.46	19.60	19.81	19.65	19.71	20.50
		HIGH	QPSK	19.51	19.56	19.82	19.72	19.71	20.50
	50	LOW	QPSK	19.59	19.65	**19.91**	19.74	19.90	20.50
		MID	QPSK	19.65	19.71	19.85	19.79	19.85	20.50
		HIGH	QPSK	19.63	19.74	19.88	19.80	19.90	20.50
	100	LOW	QPSK	19.65	19.71	19.84	19.80	19.85	20.50
20	1	LOW	Q16	19.79	19.83	19.89	19.76	19.71	20.50
		MID	Q16	19.83	19.80	19.64	19.41	19.75	20.50
		HIGH	Q16	19.89	19.90	19.68	19.53	19.65	20.50
	50	LOW	Q16	19.57	19.70	19.95	19.74	19.90	20.50
		MID	Q16	19.62	19.76	19.93	19.81	19.90	20.50
		HIGH	Q16	19.65	19.74	19.92	19.80	19.95	20.50
	100	LOW	Q16	19.58	19.76	19.88	19.83	19.88	20.50
20	1	LOW	64QAM	19.73	19.71	20.00	19.62	19.72	20.50
		MID	64QAM	19.93	19.83	19.56	19.44	19.87	20.50
		HIGH	64QAM	19.89	19.96	19.60	19.64	19.58	20.50
	50	LOW	64QAM	19.66	19.69	19.87	19.79	19.77	20.50
		MID	64QAM	19.72	19.62	19.75	19.67	19.85	20.50
		HIGH	64QAM	19.64	19.83	19.89	19.71	19.88	20.50
	100	LOW	64QAM	19.73	19.70	20.00	19.83	19.98	20.50

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	15.59	15.62	15.78	15.62	15.82	16.50
		MID	QPSK	15.52	15.68	15.88	15.71	15.84	16.50
		HIGH	QPSK	15.55	15.62	15.81	15.65	15.70	16.50
	12	LOW	QPSK	15.72	15.67	15.74	15.68	15.79	16.50
		MID	QPSK	15.75	15.74	15.83	15.79	15.79	16.50
		HIGH	QPSK	15.66	15.65	15.84	15.79	15.81	16.50
	25	LOW	QPSK	15.64	15.65	15.79	15.76	15.72	16.50
5	1	LOW	Q16	15.92	15.93	15.83	15.95	15.82	16.50
		MID	Q16	15.73	15.78	15.97	15.89	15.93	16.50
		HIGH	Q16	15.93	15.97	15.94	**16.00**	15.63	16.50
	12	LOW	Q16	15.71	15.62	15.93	15.66	15.80	16.50
		MID	Q16	15.79	15.71	15.94	15.89	15.81	16.50
		HIGH	Q16	15.70	15.67	15.81	15.82	15.82	16.50
	25	LOW	Q16	15.66	15.70	15.84	15.80	15.78	16.50
5	1	LOW	64QAM	15.90	15.85	15.72	15.86	15.64	16.50
		MID	64QAM	15.63	15.75	15.77	15.99	15.80	16.50
		HIGH	64QAM	15.91	15.75	15.73	15.71	15.98	16.50
	12	LOW	64QAM	15.61	15.76	15.88	15.68	15.80	16.50
		MID	64QAM	15.70	15.61	15.94	15.64	**16.00**	16.50
		HIGH	64QAM	15.72	15.71	15.97	15.65	15.97	16.50
	25	LOW	64QAM	15.69	15.71	15.78	15.87	15.98	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	15.58	15.60	15.89	15.72	15.82	16.50
		MID	QPSK	15.53	15.64	15.91	15.65	15.78	16.50
		HIGH	QPSK	15.55	15.63	15.84	15.71	15.72	16.50
	25	LOW	QPSK	15.61	15.68	15.84	15.74	15.83	16.50
		MID	QPSK	15.71	15.79	15.88	15.77	15.91	16.50
		HIGH	QPSK	15.68	15.74	15.94	15.82	15.84	16.50
	50	LOW	QPSK	15.70	15.76	15.85	15.71	15.86	16.50
10	1	LOW	Q16	15.78	15.85	15.89	15.99	15.96	16.50
		MID	Q16	15.78	15.83	15.89	15.99	15.90	16.50
		HIGH	Q16	15.88	15.84	15.93	15.75	15.82	16.50
	25	LOW	Q16	15.60	15.68	15.95	15.75	15.84	16.50
		MID	Q16	15.65	15.73	15.92	15.75	15.96	16.50
		HIGH	Q16	15.66	15.74	15.96	15.84	15.86	16.50
	50	LOW	Q16	15.65	15.74	15.87	15.73	15.90	16.50
10	1	LOW	64QAM	15.62	15.85	15.84	15.79	15.77	16.50
		MID	64QAM	15.82	15.74	15.90	15.96	15.85	16.50
		HIGH	64QAM	15.98	15.64	15.88	15.87	15.62	16.50
	25	LOW	64QAM	15.64	15.50	15.92	15.57	15.96	16.50
		MID	64QAM	15.68	15.84	**16.00**	15.85	15.96	16.50
		HIGH	64QAM	15.65	15.60	15.88	15.66	15.77	16.50
	50	LOW	64QAM	15.51	15.85	15.89	15.63	15.99	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	15.42	15.60	15.85	15.62	15.85	16.50
		MID	QPSK	15.39	15.55	15.74	15.57	15.81	16.50
		HIGH	QPSK	15.41	15.67	15.81	15.64	15.73	16.50
	36	LOW	QPSK	15.57	15.64	15.85	15.71	15.88	16.50
		MID	QPSK	15.64	15.74	15.83	15.69	15.92	16.50
		HIGH	QPSK	15.60	15.70	15.90	15.79	15.82	16.50
	75	LOW	QPSK	15.63	15.69	15.81	15.67	15.86	16.50
15	1	LOW	Q16	15.75	15.67	15.67	15.86	15.95	16.50
		MID	Q16	15.70	15.71	15.71	15.88	15.90	16.50
		HIGH	Q16	15.69	15.66	15.66	15.93	15.88	16.50
	36	LOW	Q16	15.53	15.61	15.90	15.66	15.86	16.50
		MID	Q16	15.63	15.73	15.84	15.65	15.90	16.50
		HIGH	Q16	15.62	15.68	15.90	15.73	15.82	16.50
	75	LOW	Q16	15.60	15.75	15.78	15.64	15.93	16.50
15	1	LOW	64QAM	15.67	15.76	15.92	15.71	15.81	16.50
		MID	64QAM	15.83	15.60	15.69	15.72	15.94	16.50
		HIGH	64QAM	15.76	15.92	**16.00**	15.78	15.89	16.50
	36	LOW	64QAM	15.47	15.76	15.83	15.73	15.99	16.50
		MID	64QAM	15.66	15.73	15.99	15.91	15.86	16.50
		HIGH	64QAM	15.63	15.66	15.92	15.67	15.98	16.50
	75	LOW	64QAM	15.65	15.64	15.92	15.91	15.92	16.50
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	15.49	15.57	15.97	15.69	15.85	16.50
		MID	QPSK	15.46	15.57	15.79	15.62	15.78	16.50
		HIGH	QPSK	15.50	15.59	15.82	15.68	15.73	16.50
	50	LOW	QPSK	15.54	15.66	15.89	15.72	15.87	16.50
		MID	QPSK	15.67	15.73	15.84	15.81	15.87	16.50
		HIGH	QPSK	15.59	15.69	15.86	15.80	15.88	16.50
	100	LOW	QPSK	15.61	15.70	15.82	15.80	15.82	16.50
20	1	LOW	Q16	15.75	15.73	15.87	**15.99**	15.92	16.50
		MID	Q16	15.78	15.68	15.94	15.89	15.95	16.50
		HIGH	Q16	15.83	15.77	15.89	15.86	15.88	16.50
	50	LOW	Q16	15.55	15.64	15.86	15.67	15.91	16.50
		MID	Q16	15.64	15.76	15.89	15.77	15.88	16.50
		HIGH	Q16	15.67	15.74	15.90	15.74	15.89	16.50
	100	LOW	Q16	15.61	15.73	15.82	15.78	15.84	16.50
20	1	LOW	64QAM	15.85	15.84	15.84	**15.99**	15.97	16.50
		MID	64QAM	15.78	15.57	**15.99**	15.89	15.94	16.50
		HIGH	64QAM	15.74	15.86	15.97	15.97	15.79	16.50
	50	LOW	64QAM	15.54	15.56	15.83	15.75	15.80	16.50
		MID	64QAM	15.64	15.87	15.97	15.67	15.85	16.50
		HIGH	64QAM	15.59	15.71	15.95	15.78	15.78	16.50
	100	LOW	64QAM	15.71	15.84	15.93	15.77	15.87	16.50

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LTE B41-Full Power -Ant.0

Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.34	23.26	23.28	24.00
		MID	QPSK	**23.56**	23.32	23.43	23.39	23.38	24.00
		HIGH	QPSK	23.53	23.24	23.38	23.31	23.31	24.00
	12	LOW	QPSK	22.46	22.38	22.35	22.27	22.34	23.00
		MID	QPSK	22.50	22.46	22.36	22.40	22.39	23.00
		HIGH	QPSK	22.36	22.40	22.40	22.34	22.42	23.00
	25	LOW	QPSK	22.44	22.41	22.31	22.37	22.33	23.00
5	1	LOW	Q16	22.83	22.57	22.59	22.71	22.58	23.00
		MID	Q16	22.92	22.76	22.71	22.88	22.77	23.00
		HIGH	Q16	22.84	22.58	22.62	22.74	22.63	23.00
	12	LOW	Q16	21.60	21.50	21.33	21.42	21.33	22.00
		MID	Q16	21.61	21.56	21.39	21.52	21.47	22.00
		HIGH	Q16	21.61	21.48	21.39	21.51	21.45	22.00
	25	LOW	Q16	21.59	21.41	21.39	21.41	21.34	22.00
5	1	LOW	64QAM	21.83	21.64	21.70	21.57	21.60	22.00
		MID	64QAM	21.79	21.81	21.66	21.89	21.81	22.00
		HIGH	64QAM	21.79	21.66	21.64	21.65	21.74	22.00
	12	LOW	64QAM	20.45	20.56	20.26	20.41	20.42	21.00
		MID	64QAM	20.57	20.71	20.42	20.52	20.48	21.00
		HIGH	64QAM	20.68	20.47	20.40	20.45	20.49	21.00
	25	LOW	64QAM	20.69	20.41	20.47	20.42	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.30	23.44	23.32	23.31	24.00
		MID	QPSK	23.37	23.31	23.41	23.31	23.35	24.00
		HIGH	QPSK	**23.46**	23.26	23.45	23.31	23.31	24.00
	25	LOW	QPSK	22.44	22.37	22.43	22.35	22.35	23.00
		MID	QPSK	22.55	22.44	22.39	22.33	22.49	23.00
		HIGH	QPSK	22.51	22.44	22.44	22.42	22.44	23.00
	50	LOW	QPSK	22.52	22.43	22.39	22.36	22.45	23.00
10	1	LOW	Q16	22.70	22.73	22.71	22.65	22.80	23.00
		MID	Q16	22.64	22.79	22.72	22.65	22.86	23.00
		HIGH	Q16	22.70	22.82	22.83	22.65	22.84	23.00
	25	LOW	Q16	21.41	21.35	21.46	21.39	21.35	22.00
		MID	Q16	21.56	21.50	21.47	21.42	21.50	22.00
		HIGH	Q16	21.51	21.44	21.51	21.48	21.48	22.00
	50	LOW	Q16	21.49	21.48	21.45	21.36	21.51	22.00
10	1	LOW	64QAM	21.75	21.86	21.76	21.54	21.77	22.00
		MID	64QAM	21.62	21.77	21.60	21.72	21.73	22.00
		HIGH	64QAM	21.65	21.75	21.85	21.61	21.79	22.00
	25	LOW	64QAM	20.34	20.46	20.55	20.38	20.34	21.00
		MID	64QAM	20.49	20.38	20.33	20.57	20.61	21.00
		HIGH	64QAM	20.37	20.48	20.49	20.49	20.57	21.00
	50	LOW	64QAM	20.50	20.61	20.56	20.42	20.36	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.28	23.26	23.38	23.22	23.29	24.00
		MID	QPSK	23.28	23.25	23.33	23.17	23.27	24.00
		HIGH	QPSK	23.29	23.33	23.33	23.30	**23.39**	24.00
	36	LOW	QPSK	22.39	22.37	22.37	22.32	22.38	23.00
		MID	QPSK	22.50	22.44	22.37	22.32	22.46	23.00
		HIGH	QPSK	22.50	22.39	22.43	22.38	22.43	23.00
	75	LOW	QPSK	22.50	22.41	22.37	22.37	22.44	23.00
15	1	LOW	Q16	22.58	22.77	22.71	22.61	22.79	23.00
		MID	Q16	22.63	22.71	22.56	22.57	22.78	23.00
		HIGH	Q16	22.64	22.84	22.65	22.65	22.84	23.00
	36	LOW	Q16	21.40	21.36	21.42	21.35	21.39	22.00
		MID	Q16	21.42	21.43	21.44	21.34	21.48	22.00
		HIGH	Q16	21.54	21.36	21.48	21.39	21.47	22.00
	75	LOW	Q16	21.47	21.45	21.34	21.35	21.46	22.00
15	1	LOW	64QAM	21.67	21.71	21.67	21.48	21.85	22.00
		MID	64QAM	21.49	21.78	21.69	21.59	21.90	22.00
		HIGH	64QAM	21.68	21.80	21.67	21.55	21.99	22.00
	36	LOW	64QAM	20.40	20.46	20.36	20.44	20.24	21.00
		MID	64QAM	20.32	20.51	20.51	20.20	20.38	21.00
		HIGH	64QAM	20.54	20.40	20.45	20.47	20.52	21.00
	75	LOW	64QAM	20.36	20.58	20.48	20.39	20.55	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.32	23.21	**23.45**	23.30	23.38	24.00
		MID	QPSK	23.36	23.18	23.36	23.21	23.29	24.00
		HIGH	QPSK	23.37	23.15	23.38	23.30	23.34	24.00
	50	LOW	QPSK	22.44	22.35	**22.51**	22.34	22.43	23.00
		MID	QPSK	22.49	22.40	22.38	22.41	22.38	23.00
		HIGH	QPSK	22.39	22.38	22.43	22.39	22.42	23.00
	100	LOW	QPSK	22.50	22.40	22.40	22.42	22.36	23.00
20	1	LOW	Q16	22.64	22.56	22.88	22.65	22.64	23.00
		MID	Q16	22.71	22.48	22.74	22.63	22.60	23.00
		HIGH	Q16	22.75	22.40	22.80	22.71	22.63	23.00
	50	LOW	Q16	21.43	21.37	21.44	21.32	21.41	22.00
		MID	Q16	21.50	21.40	21.43	21.44	21.41	22.00
		HIGH	Q16	21.45	21.41	21.50	21.41	21.48	22.00
	100	LOW	Q16	21.50	21.40	21.42	21.39	21.43	22.00
20	1	LOW	64QAM	21.73	21.53	21.83	21.67	21.72	22.00
		MID	64QAM	21.57	21.40	21.65	21.50	21.73	22.00
		HIGH	64QAM	21.72	21.43	21.69	21.66	21.69	22.00
	50	LOW	64QAM	20.31	20.41	20.34	20.33	20.42	21.00
		MID	64QAM	20.46	20.26	20.52	20.56	20.34	21.00
		HIGH	64QAM	20.37	20.54	20.35	20.37	20.33	21.00
	100	LOW	64QAM	20.37	20.42	20.50	20.54	20.58	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.34	23.26	23.28	24.00
		MID	QPSK	**23.56**	23.32	23.43	23.39	23.38	24.00
		HIGH	QPSK	23.53	23.24	23.38	23.31	23.31	24.00
	12	LOW	QPSK	22.46	22.38	22.35	22.27	22.34	23.00
		MID	QPSK	22.50	22.46	22.36	22.40	22.39	23.00
		HIGH	QPSK	22.36	22.40	22.40	22.34	22.42	23.00
	25	LOW	QPSK	22.44	22.41	22.31	22.37	22.33	23.00
5	1	LOW	Q16	22.83	22.57	22.59	22.71	22.58	23.00
		MID	Q16	22.92	22.76	22.71	22.88	22.77	23.00
		HIGH	Q16	22.84	22.58	22.62	22.74	22.63	23.00
	12	LOW	Q16	21.60	21.50	21.33	21.42	21.33	22.00
		MID	Q16	21.61	21.56	21.39	21.52	21.47	22.00
		HIGH	Q16	21.61	21.48	21.39	21.51	21.45	22.00
	25	LOW	Q16	21.59	21.41	21.39	21.41	21.34	22.00
5	1	LOW	64QAM	21.83	21.64	21.70	21.57	21.60	22.00
		MID	64QAM	21.79	21.81	21.66	21.89	21.81	22.00
		HIGH	64QAM	21.79	21.66	21.64	21.65	21.74	22.00
	12	LOW	64QAM	20.45	20.56	20.26	20.41	20.42	21.00
		MID	64QAM	20.57	20.71	20.42	20.52	20.48	21.00
		HIGH	64QAM	20.68	20.47	20.40	20.45	20.49	21.00
	25	LOW	64QAM	20.69	20.41	20.47	20.42	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.30	23.44	23.32	23.31	24.00
		MID	QPSK	23.37	23.31	23.41	23.31	23.35	24.00
		HIGH	QPSK	**23.46**	23.26	23.45	23.31	23.31	24.00
	25	LOW	QPSK	22.44	22.37	22.43	22.35	22.35	23.00
		MID	QPSK	22.55	22.44	22.39	22.33	22.49	23.00
		HIGH	QPSK	22.51	22.44	22.44	22.42	22.44	23.00
	50	LOW	QPSK	22.52	22.43	22.39	22.36	22.45	23.00
10	1	LOW	Q16	22.70	22.73	22.71	22.65	22.80	23.00
		MID	Q16	22.64	22.79	22.72	22.65	22.86	23.00
		HIGH	Q16	22.70	22.82	22.83	22.65	22.84	23.00
	25	LOW	Q16	21.41	21.35	21.46	21.39	21.35	22.00
		MID	Q16	21.56	21.50	21.47	21.42	21.50	22.00
		HIGH	Q16	21.51	21.44	21.51	21.48	21.48	22.00
	50	LOW	Q16	21.49	21.48	21.45	21.36	21.51	22.00
10	1	LOW	64QAM	21.75	21.86	21.76	21.54	21.77	22.00
		MID	64QAM	21.62	21.77	21.60	21.72	21.73	22.00
		HIGH	64QAM	21.65	21.75	21.85	21.61	21.79	22.00
	25	LOW	64QAM	20.34	20.46	20.55	20.38	20.34	21.00
		MID	64QAM	20.49	20.38	20.33	20.57	20.61	21.00
		HIGH	64QAM	20.37	20.48	20.49	20.49	20.57	21.00
	50	LOW	64QAM	20.50	20.61	20.56	20.42	20.36	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.28	23.26	23.38	23.22	23.29	24.00
		MID	QPSK	23.28	23.25	23.33	23.17	23.27	24.00
		HIGH	QPSK	23.29	23.33	23.33	23.30	**23.39**	24.00
	36	LOW	QPSK	22.39	22.37	22.37	22.32	22.38	23.00
		MID	QPSK	22.50	22.44	22.37	22.32	22.46	23.00
		HIGH	QPSK	22.50	22.39	22.43	22.38	22.43	23.00
	75	LOW	QPSK	22.50	22.41	22.37	22.37	22.44	23.00
15	1	LOW	Q16	22.58	22.77	22.71	22.61	22.79	23.00
		MID	Q16	22.63	22.71	22.56	22.57	22.78	23.00
		HIGH	Q16	22.64	22.84	22.65	22.65	22.84	23.00
	36	LOW	Q16	21.40	21.36	21.42	21.35	21.39	22.00
		MID	Q16	21.42	21.43	21.44	21.34	21.48	22.00
		HIGH	Q16	21.54	21.36	21.48	21.39	21.47	22.00
	75	LOW	Q16	21.47	21.45	21.34	21.35	21.46	22.00
15	1	LOW	64QAM	21.67	21.71	21.67	21.48	21.85	22.00
		MID	64QAM	21.49	21.78	21.69	21.59	21.90	22.00
		HIGH	64QAM	21.68	21.80	21.67	21.55	21.99	22.00
	36	LOW	64QAM	20.40	20.46	20.36	20.44	20.24	21.00
		MID	64QAM	20.32	20.51	20.51	20.20	20.38	21.00
		HIGH	64QAM	20.54	20.40	20.45	20.47	20.52	21.00
	75	LOW	64QAM	20.36	20.58	20.48	20.39	20.55	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.32	23.21	**23.45**	23.30	23.38	24.00
		MID	QPSK	23.36	23.18	23.36	23.21	23.29	24.00
		HIGH	QPSK	23.37	23.15	23.38	23.30	23.34	24.00
	50	LOW	QPSK	22.44	22.35	**22.51**	22.34	22.43	23.00
		MID	QPSK	22.49	22.40	22.38	22.41	22.38	23.00
		HIGH	QPSK	22.39	22.38	22.43	22.39	22.42	23.00
	100	LOW	QPSK	22.50	22.40	22.40	22.42	22.36	23.00
20	1	LOW	Q16	22.64	22.56	22.88	22.65	22.64	23.00
		MID	Q16	22.71	22.48	22.74	22.63	22.60	23.00
		HIGH	Q16	22.75	22.40	22.80	22.71	22.63	23.00
	50	LOW	Q16	21.43	21.37	21.44	21.32	21.41	22.00
		MID	Q16	21.50	21.40	21.43	21.44	21.41	22.00
		HIGH	Q16	21.45	21.41	21.50	21.41	21.48	22.00
	100	LOW	Q16	21.50	21.40	21.42	21.39	21.43	22.00
20	1	LOW	64QAM	21.73	21.53	21.83	21.67	21.72	22.00
		MID	64QAM	21.57	21.40	21.65	21.50	21.73	22.00
		HIGH	64QAM	21.72	21.43	21.69	21.66	21.69	22.00
	50	LOW	64QAM	20.31	20.41	20.34	20.33	20.42	21.00
		MID	64QAM	20.46	20.26	20.52	20.56	20.34	21.00
		HIGH	64QAM	20.37	20.54	20.35	20.37	20.33	21.00
	100	LOW	64QAM	20.37	20.42	20.50	20.54	20.58	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.34	23.26	23.28	24.00
		MID	QPSK	23.56	23.32	23.43	23.39	23.38	24.00
		HIGH	QPSK	23.53	23.24	23.38	23.31	23.31	24.00
	12	LOW	QPSK	22.46	22.38	22.35	22.27	22.34	23.00
		MID	QPSK	22.50	22.46	22.36	22.40	22.39	23.00
		HIGH	QPSK	22.36	22.40	22.40	22.34	22.42	23.00
	25	LOW	QPSK	22.44	22.41	22.31	22.37	22.33	23.00
5	1	LOW	Q16	22.83	22.57	22.59	22.71	22.58	23.00
		MID	Q16	22.92	22.76	22.71	22.88	22.77	23.00
		HIGH	Q16	22.84	22.58	22.62	22.74	22.63	23.00
	12	LOW	Q16	21.60	21.50	21.33	21.42	21.33	22.00
		MID	Q16	21.61	21.56	21.39	21.52	21.47	22.00
		HIGH	Q16	21.61	21.48	21.39	21.51	21.45	22.00
	25	LOW	Q16	21.59	21.41	21.39	21.41	21.34	22.00
5	1	LOW	64QAM	21.83	21.64	21.70	21.57	21.60	22.00
		MID	64QAM	21.79	21.81	21.66	21.89	21.81	22.00
		HIGH	64QAM	21.79	21.66	21.64	21.65	21.74	22.00
	12	LOW	64QAM	20.45	20.56	20.26	20.41	20.42	21.00
		MID	64QAM	20.57	20.71	20.42	20.52	20.48	21.00
		HIGH	64QAM	20.68	20.47	20.40	20.45	20.49	21.00
	25	LOW	64QAM	20.69	20.41	20.47	20.42	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.30	23.44	23.32	23.31	24.00
		MID	QPSK	23.37	23.31	23.41	23.31	23.35	24.00
		HIGH	QPSK	23.46	23.26	23.45	23.31	23.31	24.00
	25	LOW	QPSK	22.44	22.37	22.43	22.35	22.35	23.00
		MID	QPSK	22.55	22.44	22.39	22.33	22.49	23.00
		HIGH	QPSK	22.51	22.44	22.44	22.42	22.44	23.00
	50	LOW	QPSK	22.52	22.43	22.39	22.36	22.45	23.00
10	1	LOW	Q16	22.70	22.73	22.71	22.65	22.80	23.00
		MID	Q16	22.64	22.79	22.72	22.65	22.86	23.00
		HIGH	Q16	22.70	22.82	22.83	22.65	22.84	23.00
	25	LOW	Q16	21.41	21.35	21.46	21.39	21.35	22.00
		MID	Q16	21.56	21.50	21.47	21.42	21.50	22.00
		HIGH	Q16	21.51	21.44	21.51	21.48	21.48	22.00
	50	LOW	Q16	21.49	21.48	21.45	21.36	21.51	22.00
10	1	LOW	64QAM	21.75	21.86	21.76	21.54	21.77	22.00
		MID	64QAM	21.62	21.77	21.60	21.72	21.73	22.00
		HIGH	64QAM	21.65	21.75	21.85	21.61	21.79	22.00
	25	LOW	64QAM	20.34	20.46	20.55	20.38	20.34	21.00
		MID	64QAM	20.49	20.38	20.33	20.57	20.61	21.00
		HIGH	64QAM	20.37	20.48	20.49	20.49	20.57	21.00
	50	LOW	64QAM	20.50	20.61	20.56	20.42	20.36	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.28	23.26	23.38	23.22	23.29	24.00
		MID	QPSK	23.28	23.25	23.33	23.17	23.27	24.00
		HIGH	QPSK	23.29	23.33	23.33	23.30	23.39	24.00
	36	LOW	QPSK	22.39	22.37	22.37	22.32	22.38	23.00
		MID	QPSK	22.50	22.44	22.37	22.32	22.46	23.00
		HIGH	QPSK	22.50	22.39	22.43	22.38	22.43	23.00
	75	LOW	QPSK	22.50	22.41	22.37	22.37	22.44	23.00
15	1	LOW	Q16	22.58	22.77	22.71	22.61	22.79	23.00
		MID	Q16	22.63	22.71	22.56	22.57	22.78	23.00
		HIGH	Q16	22.64	22.84	22.65	22.65	22.84	23.00
	36	LOW	Q16	21.40	21.36	21.42	21.35	21.39	22.00
		MID	Q16	21.42	21.43	21.44	21.34	21.48	22.00
		HIGH	Q16	21.54	21.36	21.48	21.39	21.47	22.00
	75	LOW	Q16	21.47	21.45	21.34	21.35	21.46	22.00
15	1	LOW	64QAM	21.67	21.71	21.67	21.48	21.85	22.00
		MID	64QAM	21.49	21.78	21.69	21.59	21.90	22.00
		HIGH	64QAM	21.68	21.80	21.67	21.55	21.99	22.00
	36	LOW	64QAM	20.40	20.46	20.36	20.44	20.24	21.00
		MID	64QAM	20.32	20.51	20.51	20.20	20.38	21.00
		HIGH	64QAM	20.54	20.40	20.45	20.47	20.52	21.00
	75	LOW	64QAM	20.36	20.58	20.48	20.39	20.55	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.32	23.21	**23.45**	23.30	23.38	24.00
		MID	QPSK	23.36	23.18	23.36	23.21	23.29	24.00
		HIGH	QPSK	23.37	23.15	23.38	23.30	23.34	24.00
	50	LOW	QPSK	22.44	22.35	**22.51**	22.34	22.43	23.00
		MID	QPSK	22.49	22.40	22.38	22.41	22.38	23.00
		HIGH	QPSK	22.39	22.38	22.43	22.39	22.42	23.00
	100	LOW	QPSK	22.50	22.40	22.40	22.42	22.36	23.00
20	1	LOW	Q16	22.64	22.56	22.88	22.65	22.64	23.00
		MID	Q16	22.71	22.48	22.74	22.63	22.60	23.00
		HIGH	Q16	22.75	22.40	22.80	22.71	22.63	23.00
	50	LOW	Q16	21.43	21.37	21.44	21.32	21.41	22.00
		MID	Q16	21.50	21.40	21.43	21.44	21.41	22.00
		HIGH	Q16	21.45	21.41	21.50	21.41	21.48	22.00
	100	LOW	Q16	21.50	21.40	21.42	21.39	21.43	22.00
20	1	LOW	64QAM	21.73	21.53	21.83	21.67	21.72	22.00
		MID	64QAM	21.57	21.40	21.65	21.50	21.73	22.00
		HIGH	64QAM	21.72	21.43	21.69	21.66	21.69	22.00
	50	LOW	64QAM	20.31	20.41	20.34	20.33	20.42	21.00
		MID	64QAM	20.46	20.26	20.52	20.56	20.34	21.00
		HIGH	64QAM	20.37	20.54	20.35	20.37	20.33	21.00
	100	LOW	64QAM	20.37	20.42	20.50	20.54	20.58	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	21.88	21.88	21.78	21.76	21.88	22.50
		MID	QPSK	21.99	21.97	21.96	21.84	21.91	22.50
		HIGH	QPSK	21.91	21.87	21.79	21.77	21.88	22.50
	12	LOW	QPSK	21.97	21.94	21.79	21.80	21.85	22.50
		MID	QPSK	22.04	21.98	21.86	21.93	21.91	22.50
		HIGH	QPSK	21.98	21.93	21.88	21.85	21.94	22.50
	25	LOW	QPSK	21.92	21.91	21.79	21.89	21.84	22.50
5	1	LOW	Q16	22.31	22.15	22.23	21.99	22.19	22.50
		MID	Q16	22.37	22.26	**22.40**	22.15	22.33	22.50
		HIGH	Q16	22.21	22.12	22.25	21.99	22.14	22.50
	12	LOW	Q16	21.53	21.49	21.46	21.34	21.34	22.00
		MID	Q16	21.60	21.50	21.42	21.50	21.46	22.00
		HIGH	Q16	21.52	21.43	21.50	21.44	21.49	22.00
	25	LOW	Q16	21.50	21.51	21.35	21.39	21.40	22.00
5	1	LOW	64QAM	21.20	21.14	21.27	21.00	21.13	22.00
		MID	64QAM	21.52	21.32	21.53	21.30	21.31	22.00
		HIGH	64QAM	21.18	21.03	21.25	21.14	21.05	22.00
	12	LOW	64QAM	20.54	20.63	20.55	20.37	20.48	21.00
		MID	64QAM	20.57	20.40	20.55	20.49	20.55	21.00
		HIGH	64QAM	20.65	20.49	20.56	20.32	20.63	21.00
	25	LOW	64QAM	20.41	20.50	20.46	20.50	20.54	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	21.89	21.84	21.94	21.78	21.80	22.50
		MID	QPSK	21.89	21.85	21.94	21.80	21.83	22.50
		HIGH	QPSK	21.92	21.80	21.90	21.82	21.79	22.50
	25	LOW	QPSK	21.92	21.88	21.89	21.82	21.87	22.50
		MID	QPSK	22.06	21.96	21.94	21.87	21.98	22.50
		HIGH	QPSK	22.01	21.95	21.96	21.94	21.95	22.50
	50	LOW	QPSK	22.00	21.97	21.89	21.87	21.95	22.50
10	1	LOW	Q16	22.17	22.36	22.26	22.12	22.34	22.50
		MID	Q16	22.14	**22.42**	22.20	22.15	**22.42**	22.50
		HIGH	Q16	22.26	22.29	22.21	22.16	22.40	22.50
	25	LOW	Q16	21.46	21.41	21.45	21.38	21.41	22.00
		MID	Q16	21.44	21.51	21.46	21.42	21.48	22.00
		HIGH	Q16	21.55	21.44	21.53	21.48	21.47	22.00
	50	LOW	Q16	21.35	21.49	21.45	21.36	21.52	22.00
10	1	LOW	64QAM	21.18	21.50	21.29	21.00	21.45	22.00
		MID	64QAM	21.04	21.49	21.25	21.11	21.47	22.00
		HIGH	64QAM	21.19	21.27	21.19	21.29	21.40	22.00
	25	LOW	64QAM	20.46	20.46	20.40	20.26	20.50	21.00
		MID	64QAM	20.46	20.38	20.51	20.57	20.46	21.00
		HIGH	64QAM	20.70	20.37	20.48	20.56	20.60	21.00
	50	LOW	64QAM	20.50	20.56	20.44	20.28	20.42	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	21.79	21.80	21.87	21.75	21.79	22.50
		MID	QPSK	21.83	21.74	21.80	21.69	21.74	22.50
		HIGH	QPSK	21.82	21.83	21.91	21.79	21.88	22.50
	36	LOW	QPSK	21.90	21.87	21.89	21.83	21.88	22.50
		MID	QPSK	21.96	21.94	21.89	21.79	21.92	22.50
		HIGH	QPSK	22.00	21.87	21.94	21.87	21.93	22.50
	75	LOW	QPSK	21.97	21.88	21.85	21.83	21.95	22.50
15	1	LOW	Q16	22.11	22.30	22.20	22.12	22.28	22.50
		MID	Q16	22.09	22.26	22.12	22.07	22.25	22.50
		HIGH	Q16	22.12	**22.33**	22.18	22.18	22.31	22.50
	36	LOW	Q16	21.37	21.34	21.43	21.36	21.33	22.00
		MID	Q16	21.51	21.41	21.42	21.32	21.47	22.00
		HIGH	Q16	21.43	21.39	21.45	21.36	21.42	22.00
	75	LOW	Q16	21.50	21.40	21.37	21.32	21.47	22.00
15	1	LOW	64QAM	21.06	21.34	21.28	21.04	21.14	22.00
		MID	64QAM	21.02	21.14	21.04	20.98	21.12	22.00
		HIGH	64QAM	21.21	21.20	21.31	21.33	21.33	22.00
	36	LOW	64QAM	20.40	20.25	20.58	20.43	20.40	21.00
		MID	64QAM	20.56	20.43	20.28	20.39	20.62	21.00
		HIGH	64QAM	20.42	20.25	20.34	20.51	20.32	21.00
	75	LOW	64QAM	20.36	20.42	20.22	20.47	20.41	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	21.82	21.77	**21.95**	21.82	21.91	22.50
		MID	QPSK	21.86	21.74	21.85	21.77	21.75	22.50
		HIGH	QPSK	21.89	21.71	21.90	21.85	21.85	22.50
	50	LOW	QPSK	21.95	21.87	**22.02**	21.86	21.89	22.50
		MID	QPSK	21.90	21.89	21.90	21.94	21.90	22.50
		HIGH	QPSK	22.01	21.88	21.93	21.92	21.97	22.50
	100	LOW	QPSK	22.02	21.92	21.89	21.94	21.89	22.50
20	1	LOW	Q16	22.13	22.05	22.34	22.26	22.11	22.50
		MID	Q16	22.22	21.98	22.22	22.20	22.09	22.50
		HIGH	Q16	22.25	21.99	22.34	22.23	22.09	22.50
	50	LOW	Q16	21.45	21.41	21.48	21.35	21.44	22.00
		MID	Q16	21.52	21.45	21.47	21.41	21.43	22.00
		HIGH	Q16	21.52	21.39	21.51	21.43	21.49	22.00
	100	LOW	Q16	21.52	21.44	21.41	21.43	21.41	22.00
20	1	LOW	64QAM	20.98	21.15	21.48	21.41	21.07	22.00
		MID	64QAM	21.10	20.96	21.20	21.10	21.01	22.00
		HIGH	64QAM	21.33	21.01	21.33	21.25	21.12	22.00
	50	LOW	64QAM	20.53	20.34	20.52	20.34	20.36	21.00
		MID	64QAM	20.41	20.45	20.60	20.38	20.28	21.00
		HIGH	64QAM	20.49	20.24	20.43	20.53	20.50	21.00
	100	LOW	64QAM	20.53	20.48	20.46	20.35	20.37	21.00

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Bandwidth (MHz)	RB Size	RB offest	Modulation	39675	40110	40620	41130	41565	Tune-up power(dBm)
5	1	LOW	QPSK	23.51	23.27	23.34	23.26	23.28	24.00
		MID	QPSK	**23.56**	23.32	23.43	23.39	23.38	24.00
		HIGH	QPSK	23.53	23.24	23.38	23.31	23.31	24.00
	12	LOW	QPSK	22.46	22.38	22.35	22.27	22.34	23.00
		MID	QPSK	22.50	22.46	22.36	22.40	22.39	23.00
		HIGH	QPSK	22.36	22.40	22.40	22.34	22.42	23.00
	25	LOW	QPSK	22.44	22.41	22.31	22.37	22.33	23.00
5	1	LOW	Q16	22.83	22.57	22.59	22.71	22.58	23.00
		MID	Q16	22.92	22.76	22.71	22.88	22.77	23.00
		HIGH	Q16	22.84	22.58	22.62	22.74	22.63	23.00
	12	LOW	Q16	21.60	21.50	21.33	21.42	21.33	22.00
		MID	Q16	21.61	21.56	21.39	21.52	21.47	22.00
		HIGH	Q16	21.61	21.48	21.39	21.51	21.45	22.00
	25	LOW	Q16	21.59	21.41	21.39	21.41	21.34	22.00
5	1	LOW	64QAM	21.83	21.64	21.70	21.57	21.60	22.00
		MID	64QAM	21.79	21.81	21.66	21.89	21.81	22.00
		HIGH	64QAM	21.79	21.66	21.64	21.65	21.74	22.00
	12	LOW	64QAM	20.45	20.56	20.26	20.41	20.42	21.00
		MID	64QAM	20.57	20.71	20.42	20.52	20.48	21.00
		HIGH	64QAM	20.68	20.47	20.40	20.45	20.49	21.00
	25	LOW	64QAM	20.69	20.41	20.47	20.42	20.21	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39700	40135	40620	41105	41540	Tune-up power(dBm)
10	1	LOW	QPSK	23.44	23.30	23.44	23.32	23.31	24.00
		MID	QPSK	23.37	23.31	23.41	23.31	23.35	24.00
		HIGH	QPSK	**23.46**	23.26	23.45	23.31	23.31	24.00
	25	LOW	QPSK	22.44	22.37	22.43	22.35	22.35	23.00
		MID	QPSK	22.55	22.44	22.39	22.33	22.49	23.00
		HIGH	QPSK	22.51	22.44	22.44	22.42	22.44	23.00
	50	LOW	QPSK	22.52	22.43	22.39	22.36	22.45	23.00
10	1	LOW	Q16	22.70	22.73	22.71	22.65	22.80	23.00
		MID	Q16	22.64	22.79	22.72	22.65	22.86	23.00
		HIGH	Q16	22.70	22.82	22.83	22.65	22.84	23.00
	25	LOW	Q16	21.41	21.35	21.46	21.39	21.35	22.00
		MID	Q16	21.56	21.50	21.47	21.42	21.50	22.00
		HIGH	Q16	21.51	21.44	21.51	21.48	21.48	22.00
	50	LOW	Q16	21.49	21.48	21.45	21.36	21.51	22.00
10	1	LOW	64QAM	21.75	21.86	21.76	21.54	21.77	22.00
		MID	64QAM	21.62	21.77	21.60	21.72	21.73	22.00
		HIGH	64QAM	21.65	21.75	21.85	21.61	21.79	22.00
	25	LOW	64QAM	20.34	20.46	20.55	20.38	20.34	21.00
		MID	64QAM	20.49	20.38	20.33	20.57	20.61	21.00
		HIGH	64QAM	20.37	20.48	20.49	20.49	20.57	21.00
	50	LOW	64QAM	20.50	20.61	20.56	20.42	20.36	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39725	40160	40620	41080	41515	Tune-up power(dBm)
15	1	LOW	QPSK	23.28	23.26	23.38	23.22	23.29	24.00
		MID	QPSK	23.28	23.25	23.33	23.17	23.27	24.00
		HIGH	QPSK	23.29	23.33	23.33	23.30	**23.39**	24.00
	36	LOW	QPSK	22.39	22.37	22.37	22.32	22.38	23.00
		MID	QPSK	22.50	22.44	22.37	22.32	22.46	23.00
		HIGH	QPSK	22.50	22.39	22.43	22.38	22.43	23.00
	75	LOW	QPSK	22.50	22.41	22.37	22.37	22.44	23.00
15	1	LOW	Q16	22.58	22.77	22.71	22.61	22.79	23.00
		MID	Q16	22.63	22.71	22.56	22.57	22.78	23.00
		HIGH	Q16	22.64	22.84	22.65	22.65	22.84	23.00
	36	LOW	Q16	21.40	21.36	21.42	21.35	21.39	22.00
		MID	Q16	21.42	21.43	21.44	21.34	21.48	22.00
		HIGH	Q16	21.54	21.36	21.48	21.39	21.47	22.00
	75	LOW	Q16	21.47	21.45	21.34	21.35	21.46	22.00
15	1	LOW	64QAM	21.67	21.71	21.67	21.48	21.85	22.00
		MID	64QAM	21.49	21.78	21.69	21.59	21.90	22.00
		HIGH	64QAM	21.68	21.80	21.67	21.55	21.99	22.00
	36	LOW	64QAM	20.40	20.46	20.36	20.44	20.24	21.00
		MID	64QAM	20.32	20.51	20.51	20.20	20.38	21.00
		HIGH	64QAM	20.54	20.40	20.45	20.47	20.52	21.00
	75	LOW	64QAM	20.36	20.58	20.48	20.39	20.55	21.00
Bandwidth (MHz)	RB Size	RB offest	Modulation	39750	40185	40620	41055	41490	Tune-up power(dBm)
20	1	LOW	QPSK	23.32	23.21	**23.45**	23.30	23.38	24.00
		MID	QPSK	23.36	23.18	23.36	23.21	23.29	24.00
		HIGH	QPSK	23.37	23.15	23.38	23.30	23.34	24.00
	50	LOW	QPSK	22.44	22.35	**22.51**	22.34	22.43	23.00
		MID	QPSK	22.49	22.40	22.38	22.41	22.38	23.00
		HIGH	QPSK	22.39	22.38	22.43	22.39	22.42	23.00
	100	LOW	QPSK	22.50	22.40	22.40	22.42	22.36	23.00
20	1	LOW	Q16	22.64	22.56	22.88	22.65	22.64	23.00
		MID	Q16	22.71	22.48	22.74	22.63	22.60	23.00
		HIGH	Q16	22.75	22.40	22.80	22.71	22.63	23.00
	50	LOW	Q16	21.43	21.37	21.44	21.32	21.41	22.00
		MID	Q16	21.50	21.40	21.43	21.44	21.41	22.00
		HIGH	Q16	21.45	21.41	21.50	21.41	21.48	22.00
	100	LOW	Q16	21.50	21.40	21.42	21.39	21.43	22.00
20	1	LOW	64QAM	21.73	21.53	21.83	21.67	21.72	22.00
		MID	64QAM	21.57	21.40	21.65	21.50	21.73	22.00
		HIGH	64QAM	21.72	21.43	21.69	21.66	21.69	22.00
	50	LOW	64QAM	20.31	20.41	20.34	20.33	20.42	21.00
		MID	64QAM	20.46	20.26	20.52	20.56	20.34	21.00
		HIGH	64QAM	20.37	20.54	20.35	20.37	20.33	21.00
	100	LOW	64QAM	20.37	20.42	20.50	20.54	20.58	21.00

8.4 Intra-Band Uplink CA Power

Note:
1. This devices supports intra-band uplink CA of 7C/38C/41C
2. For intra-band uplink carrier aggregation power verification and measurement is selected highest PCC and SCC bandwidth combination to do and was according to 3GPP 36.52101 sectino6.2.2A.1 and section 6.2.2A.2 test procedure.
3. For intra-band uplink CA output power was measured high / middle / low channel combination, and for SAR verification is selected highest output power combination with each exposure condition in each frequency band using the highest SAR configuration test in standalone LTE mode.

Full power
LTE Uplink 2CA_ Band 7-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	21.57	23.00
21100	20902	20	QPSK	1	0	1	99	2	21.53	23.00
21350	21152	20	QPSK	1	0	1	99	2	21.52	23.00

Full power
LTE Uplink 2CA_ Band 7-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	22.07	23.50
21100	20902	20	QPSK	1	0	1	99	2	22.24	23.50
21350	21152	20	QPSK	1	0	1	99	2	22	23.50

State 17
LTE Uplink 2CA_ Band 7-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	18.12	19.50
21100	20902	20	QPSK	1	0	1	99	2	18.21	19.50
21350	21152	20	QPSK	1	0	1	99	2	18.22	19.50

State 17
LTE Uplink 2CA_ Band 7-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	20.89	22.00
21100	20902	20	QPSK	1	0	1	99	2	20.97	22.00
21350	21152	20	QPSK	1	0	1	99	2	20.75	22.00

State 18
LTE Uplink 2CA_ Band 7-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	14.49	16.00
21100	20902	20	QPSK	1	0	1	99	2	14.8	16.00
21350	21152	20	QPSK	1	0	1	99	2	14.67	16.00

State 18
LTE Uplink 2CA_ Band 7-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	22.07	23.50
21100	20902	20	QPSK	1	0	1	99	2	22.24	23.50
21350	21152	20	QPSK	1	0	1	99	2	22	23.50

State 19
LTE Uplink 2CA_ Band 7-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	16	17.50
21100	20902	20	QPSK	1	0	1	99	2	16.1	17.50
21350	21152	20	QPSK	1	0	1	99	2	16.17	17.50

State 19
LTE Uplink 2CA_ Band 7-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	18.76	20.00
21100	20902	20	QPSK	1	0	1	99	2	18.85	20.00
21350	21152	20	QPSK	1	0	1	99	2	18.72	20.00

State 20
LTE Uplink 2CA_ Band 7-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	13.09	14.50
21100	20902	20	QPSK	1	0	1	99	2	13.17	14.50
21350	21152	20	QPSK	1	0	1	99	2	13.16	14.50

State 20
LTE Uplink 2CA_ Band 7-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
20850	21048	20	QPSK	1	99	1	0	2	22.07	23.50
21100	20902	20	QPSK	1	0	1	99	2	22.24	23.50
21350	21152	20	QPSK	1	0	1	99	2	22	23.50

Full power
LTE Uplink 2CA_ Band 38-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.13	23.50
37901	38099	20	QPSK	1	99	1	0	2	22.07	23.50
37952	38150	20	QPSK	1	99	1	0	2	22.15	23.50

Full power
LTE Uplink 2CA_ Band 38-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.55	24.00
37901	38099	20	QPSK	1	99	1	0	2	22.59	24.00
37952	38150	20	QPSK	1	99	1	0	2	22.55	24.00

State 17
LTE Uplink 2CA_ Band 38-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	19.81	21.00
37901	38099	20	QPSK	1	99	1	0	2	19.88	21.00
37952	38150	20	QPSK	1	99	1	0	2	19.78	21.00

State 17
LTE Uplink 2CA_ Band 38-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.55	24.00
37901	38099	20	QPSK	1	99	1	0	2	22.59	24.00
37952	38150	20	QPSK	1	99	1	0	2	22.55	24.00

State 18
LTE Uplink 2CA_ Band 38-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	16.09	17.50
37901	38099	20	QPSK	1	99	1	0	2	16.27	17.50
37952	38150	20	QPSK	1	99	1	0	2	16.16	17.50

State 18
LTE Uplink 2CA_ Band 38-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.55	24.00
37901	38099	20	QPSK	1	99	1	0	2	22.59	24.00
37952	38150	20	QPSK	1	99	1	0	2	22.55	24.00

State 19
LTE Uplink 2CA_ Band 38-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	18.63	20.00
37901	38099	20	QPSK	1	99	1	0	2	18.79	20.00
37952	38150	20	QPSK	1	99	1	0	2	18.82	20.00

State 19
LTE Uplink 2CA_ Band 38-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.55	24.00
37901	38099	20	QPSK	1	99	1	0	2	22.59	24.00
37952	38150	20	QPSK	1	99	1	0	2	22.55	24.00

State 20
LTE Uplink 2CA_ Band 38-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	14.68	16.00
37901	38099	20	QPSK	1	99	1	0	2	14.77	16.00
37952	38150	20	QPSK	1	99	1	0	2	14.75	16.00

State 20
LTE Uplink 2CA_ Band 38-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
37850	38048	20	QPSK	1	99	1	0	2	22.55	24.00
37901	38099	20	QPSK	1	99	1	0	2	22.59	24.00
37952	38150	20	QPSK	1	99	1	0	2	22.55	24.00

Full power
LTE Uplink 2CA_ Band 41-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.25	23.50
40185	40383	20	QPSK	1	99	1	0	2	22.25	23.50
40620	40818	20	QPSK	1	99	1	0	2	22.59	23.50
41055	40857	20	QPSK	1	0	1	99	2	22.32	23.50
41490	41292	20	QPSK	1	0	1	99	2	22.47	23.50

Full power
LTE Uplink 2CA_ Band 41-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.95	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.80	24.00
40620	40818	20	QPSK	1	99	1	0	2	23.08	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.93	24.00
41490	41292	20	QPSK	1	0	1	99	2	23.00	24.00

State 17
LTE Uplink 2CA_ Band 41-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	20.77	22.00
40185	40383	20	QPSK	1	99	1	0	2	20.79	22.00
40620	40818	20	QPSK	1	99	1	0	2	21.11	22.00
41055	40857	20	QPSK	1	0	1	99	2	20.85	22.00
41490	41292	20	QPSK	1	0	1	99	2	20.99	22.00

State 17
LTE Uplink 2CA_ Band 41-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.95	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.80	24.00
40620	40818	20	QPSK	1	99	1	0	2	23.08	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.93	24.00
41490	41292	20	QPSK	1	0	1	99	2	23.00	24.00

State 18
LTE Uplink 2CA_ Band 41-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	16.12	17.50
40185	40383	20	QPSK	1	99	1	0	2	16.10	17.50
40620	40818	20	QPSK	1	99	1	0	2	16.51	17.50
41055	40857	20	QPSK	1	0	1	99	2	16.32	17.50
41490	41292	20	QPSK	1	0	1	99	2	16.51	17.50

State 18
LTE Uplink 2CA_ Band 41-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.95	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.80	24.00
40620	40818	20	QPSK	1	99	1	0	2	23.08	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.93	24.00
41490	41292	20	QPSK	1	0	1	99	2	23.00	24.00

State 19
LTE Uplink 2CA_ Band 41-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	19.09	20.50
40185	40383	20	QPSK	1	99	1	0	2	19.20	20.50
40620	40818	20	QPSK	1	99	1	0	2	19.50	20.50
41055	40857	20	QPSK	1	0	1	99	2	19.34	20.50
41490	41292	20	QPSK	1	0	1	99	2	19.51	20.50

State 19
LTE Uplink 2CA_ Band 41-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	21.46	22.50
40185	40383	20	QPSK	1	99	1	0	2	21.43	22.50
40620	40818	20	QPSK	1	99	1	0	2	21.56	22.50
41055	40857	20	QPSK	1	0	1	99	2	21.49	22.50
41490	41292	20	QPSK	1	0	1	99	2	21.51	22.50

State 20
LTE Uplink 2CA_ Band 41-Ant.1
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	15.06	16.50
40185	40383	20	QPSK	1	99	1	0	2	15.23	16.50
40620	40818	20	QPSK	1	99	1	0	2	15.58	16.50
41055	40857	20	QPSK	1	0	1	99	2	15.36	16.50
41490	41292	20	QPSK	1	0	1	99	2	15.45	16.50

State 20
LTE Uplink 2CA_ Band 41-Ant.0
Combination 20MHz+20MHz(100RB+100RB)

PCC	SCC	Bandwidth	Modulation	PCC RB Size	PCC RB Pos.	SCC RB Size	SCC RB Pos.	Total RB Size	Measured Power(dBm)	Max. tune-up power(dBm)
39750	39948	20	QPSK	1	99	1	0	2	22.95	24.00
40185	40383	20	QPSK	1	99	1	0	2	22.80	24.00
40620	40818	20	QPSK	1	99	1	0	2	23.08	24.00
41055	40857	20	QPSK	1	0	1	99	2	22.93	24.00
41490	41292	20	QPSK	1	0	1	99	2	23.00	24.00

8.5.1 NR Band5 Output Power

N5-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT0 State18&20(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT0 State17&19(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT0 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT0 State18&20(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT0 State17&19(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.61	23.55	23.53	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.64	23.52	23.55	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.68	23.55	23.59	24.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.75	23.65	23.61	24.20
		1	104	23.43	23.41	23.34	24.20
		50	25	23.62	23.64	23.54	24.20
	DFT-s-OFDM 16QAM	1	1	22.75	22.68	22.79	23.20
		1	104	22.51	22.66	22.59	23.20
		50	25	22.73	22.62	22.63	23.20
	DFT-s-OFDM 64QAM	1	1	21.50	21.46	21.57	21.70
		1	104	21.10	21.16	21.18	21.70
		50	25	21.23	21.08	21.13	21.70
	DFT-s-OFDM 256QAM	1	1	19.19	19.06	19.15	19.70
		1	104	19.06	19.21	19.13	19.70
		50	25	19.13	19.06	19.01	19.70
	CP-OFDM QPSK	1	1	22.01	22.14	22.29	22.70
	CP-OFDM 16QAM	1	1	21.52	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.09	20.16	20.19	21.70
	CP-OFDM 256QAM	1	1	17.42	17.32	17.29	17.70

N5-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

N5-ANT1 State18(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	21.82	21.92	21.95	22.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	21.94	21.79	21.84	22.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	21.91	21.79	21.84	22.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	21.94	22.05	21.95	22.20
		1	104	21.84	21.64	21.78	22.20
		50	26	21.96	21.88	21.91	22.20
	DFT-s-OFDM 16QAM	1	1	21.91	21.96	22.08	22.20
		1	104	21.79	21.71	21.61	22.20
		50	26	21.91	21.84	21.99	22.20
	DFT-s-OFDM 64QAM	1	1	20.88	21.01	21.06	21.20
		1	104	20.86	20.74	20.69	21.20
		50	26	20.94	20.81	20.96	21.20
	DFT-s-OFDM 256QAM	1	1	18.51	18.64	18.53	19.20
		1	104	18.74	18.83	18.91	19.20
		50	26	18.91	18.86	18.99	19.20
	CP-OFDM QPSK	1	1	22.06	21.91	22.04	22.20
	CP-OFDM 16QAM	1	1	21.73	21.67	21.57	22.00
	CP-OFDM 64QAM	1	1	19.78	19.86	19.84	20.20
	CP-OFDM 256QAM	1	1	17.06	17.15	17.22	17.70

N5-ANT1 State20(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	20.01	19.97	19.94	20.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	20.02	19.88	19.91	20.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	20.01	19.93	19.80	20.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	20.03	20.09	19.95	20.20
		1	104	19.86	19.72	19.73	20.20
		50	26	19.95	19.91	19.87	20.20
	DFT-s-OFDM 16QAM	1	1	19.87	19.98	19.86	20.20
		1	104	19.60	19.68	19.62	20.20
		50	26	19.96	19.89	19.98	20.20
	DFT-s-OFDM 64QAM	1	1	19.89	19.99	20.14	20.20
		1	104	19.79	19.71	19.67	20.20
		50	26	19.85	19.82	19.72	20.20
	DFT-s-OFDM 256QAM	1	1	18.46	18.59	18.54	19.20
		1	104	18.38	18.41	18.26	19.20
		50	26	18.88	18.86	18.99	19.20
	CP-OFDM QPSK	1	1	20.00	19.95	20.09	20.20
	CP-OFDM 16QAM	1	1	19.96	19.81	19.86	20.20
	CP-OFDM 64QAM	1	1	19.84	19.81	19.89	20.20
	CP-OFDM 256QAM	1	1	17.33	17.18	17.33	17.70

N5-ANT1 State17 -(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

N5-ANT1 State19(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

N5-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

N5-ANT1 State18(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	20.01	19.97	19.94	20.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	20.02	19.88	19.91	20.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	20.01	19.93	19.80	20.20
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	20.03	20.09	19.95	20.20
		1	104	19.86	19.72	19.73	20.20
		50	26	19.95	19.91	19.87	20.20
	DFT-s-OFDM 16QAM	1	1	19.87	19.98	19.86	20.20
		1	104	19.60	19.68	19.62	20.20
		50	26	19.96	19.89	19.98	20.20
	DFT-s-OFDM 64QAM	1	1	19.89	19.99	20.14	20.20
		1	104	19.79	19.71	19.67	20.20
		50	26	19.85	19.82	19.72	20.20
	DFT-s-OFDM 256QAM	1	1	18.46	18.59	18.54	19.20
		1	104	18.38	18.41	18.26	19.20
		50	26	18.88	18.86	18.99	19.20
	CP-OFDM QPSK	1	1	20.00	19.95	20.09	20.20
	CP-OFDM 16QAM	1	1	19.96	19.81	19.86	20.20
	CP-OFDM 64QAM	1	1	19.84	19.81	19.89	20.20
	CP-OFDM 256QAM	1	1	17.33	17.18	17.33	17.70

N5-ANT1 State20(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	17.02	17.08	17.16	17.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	17.11	17.14	17.03	17.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	17.15	17.07	17.13	17.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	17.10	17.24	17.16	17.70
		1	104	17.17	17.12	17.09	17.70
		50	26	17.22	17.15	17.06	17.70
	DFT-s-OFDM 16QAM	1	1	17.15	17.17	17.06	17.70
		1	104	17.24	17.21	17.15	17.70
		50	26	17.23	17.17	17.08	17.70
	DFT-s-OFDM 64QAM	1	1	17.15	17.16	17.20	17.70
		1	104	17.20	17.10	17.24	17.70
		50	26	17.15	17.06	17.07	17.70
	DFT-s-OFDM 256QAM	1	1	17.22	17.10	17.20	17.70
		1	104	17.19	17.16	17.16	17.70
		50	26	17.22	17.08	17.09	17.70
	CP-OFDM QPSK	1	1	17.20	17.20	17.17	17.70
	CP-OFDM 16QAM	1	1	17.07	17.16	17.17	17.70
	CP-OFDM 64QAM	1	1	17.22	17.21	17.10	17.70
	CP-OFDM 256QAM	1	1	17.21	17.12	17.10	17.70

N5-ANT1 State17 -(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

N5-ANT1 State19(Only for ENDC)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up
		Frequency(MHz)		826.5	836.5	846.5	power
5	DFT-s-OFDM QPSK	1	1	23.27	23.38	23.30	23.70
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up
		Frequency(MHz)		829	836.5	844	power
10	DFT-s-OFDM QPSK	1	1	23.41	23.39	23.27	23.70
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up
		Frequency(MHz)		831.5	836.5	841.5	power
15	DFT-s-OFDM QPSK	1	1	23.45	23.38	23.24	23.70
Bandwidth (MHz)		Channel		166800	167300	167800	Tune-up
		Frequency(MHz)		834	836.5	839	power
20	DFT-s-OFDM QPSK	1	1	23.45	23.41	23.37	23.70
		1	104	23.21	23.17	23.16	23.70
		50	26	23.29	23.32	23.24	23.70
	DFT-s-OFDM 16QAM	1	1	22.44	22.32	22.41	22.70
		1	104	22.04	22.09	22.23	22.70
		50	26	22.11	22.25	22.19	22.70
	DFT-s-OFDM 64QAM	1	1	20.90	20.82	20.83	21.20
		1	104	20.72	20.61	20.64	21.20
		50	26	20.66	20.63	20.70	21.20
	DFT-s-OFDM 256QAM	1	1	18.53	18.53	18.55	19.20
		1	104	18.73	18.71	18.59	19.20
		50	26	18.73	18.75	18.68	19.20
	CP-OFDM QPSK	1	1	21.81	21.81	21.72	22.20
	CP-OFDM 16QAM	1	1	21.41	21.54	21.44	22.00
	CP-OFDM 64QAM	1	1	19.59	19.69	19.58	20.20
	CP-OFDM 256QAM	1	1	17.21	17.05	17.06	17.70

8.5.2 NR Band7 Output Power

N7-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.02	22.88	22.90	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.03	22.90	22.76	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	22.90	22.76	22.76	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	23.06	22.91	22.97	23.70
		1	104	22.91	22.95	23.06	23.70
		50	25	22.96	22.92	22.98	23.70
	DFT-s-OFDM 16QAM	1	1	21.90	21.85	21.82	22.70
		1	104	21.60	21.73	21.71	22.70
		50	25	21.87	21.81	21.92	22.70
	DFT-s-OFDM 64QAM	1	1	20.74	20.73	20.67	21.20
		1	104	20.57	20.66	20.55	21.20
		50	25	20.67	20.54	20.64	21.20
	DFT-s-OFDM 256QAM	1	1	18.10	18.20	18.18	19.20
		1	104	18.07	18.15	18.02	19.20
		50	25	18.16	18.13	18.16	19.20
	CP-OFDM QPSK	1	1	21.36	21.44	21.34	22.20
	CP-OFDM 16QAM	1	1	20.90	20.83	20.73	21.70
	CP-OFDM 64QAM	1	1	19.56	19.46	19.48	20.20
	CP-OFDM 256QAM	1	1	16.59	16.60	16.56	17.20

N7-ANT0 State18&20(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	23.02	22.88	22.90	23.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	23.03	22.90	22.76	23.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	22.90	22.76	22.76	23.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	23.06	22.91	22.97	23.70
		1	104	22.91	22.95	23.06	23.70
		50	25	22.96	22.92	22.98	23.70
	DFT-s-OFDM 16QAM	1	1	21.90	21.85	21.82	22.70
		1	104	21.60	21.73	21.71	22.70
		50	25	21.87	21.81	21.92	22.70
	DFT-s-OFDM 64QAM	1	1	20.74	20.73	20.67	21.20
		1	104	20.57	20.66	20.55	21.20
		50	25	20.67	20.54	20.64	21.20
	DFT-s-OFDM 256QAM	1	1	18.10	18.20	18.18	19.20
		1	104	18.07	18.15	18.02	19.20
		50	25	18.16	18.13	18.16	19.20
	CP-OFDM QPSK	1	1	21.36	21.44	21.34	22.20
	CP-OFDM 16QAM	1	1	20.90	20.83	20.73	21.70
	CP-OFDM 64QAM	1	1	19.56	19.46	19.48	20.20
	CP-OFDM 256QAM	1	1	16.59	16.60	16.56	17.20

N7-ANT0 State17&19(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	21.51	21.44	21.41	22.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	21.50	21.40	21.37	22.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	21.40	21.42	21.44	22.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	21.54	21.48	21.45	22.20
		1	104	21.37	21.36	21.42	22.20
		50	25	21.46	21.41	21.47	22.20
	DFT-s-OFDM 16QAM	1	1	21.41	21.36	21.44	22.20
		1	104	21.28	21.22	21.32	22.20
		50	25	21.36	21.31	21.31	22.20
	DFT-s-OFDM 64QAM	1	1	20.73	20.75	20.82	21.20
		1	104	20.54	20.56	20.56	21.20
		50	25	20.73	20.63	20.64	21.20
	DFT-s-OFDM 256QAM	1	1	18.27	18.21	18.27	19.20
		1	104	18.10	18.11	18.00	19.20
		50	25	18.16	18.18	18.31	19.20
	CP-OFDM QPSK	1	1	21.43	21.44	21.35	22.20
	CP-OFDM 16QAM	1	1	20.84	20.85	20.96	21.70
	CP-OFDM 64QAM	1	1	19.59	19.46	19.39	20.20
	CP-OFDM 256QAM	1	1	16.60	16.62	16.50	17.20

N7-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	21.90	22.11	22.06	23.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	21.90	22.11	22.00	23.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	21.88	22.08	22.04	23.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	22.01	22.13	22.08	23.20
		1	104	22.06	22.23	22.12	23.20
		50	25	22.08	22.17	22.01	23.20
	DFT-s-OFDM 16QAM	1	1	20.97	21.12	21.01	22.20
		1	104	21.22	21.12	20.97	22.20
		50	25	21.10	21.18	21.22	22.20
	DFT-s-OFDM 64QAM	1	1	19.46	19.59	19.48	20.70
		1	104	19.63	19.63	19.50	20.70
		50	25	19.68	19.66	19.57	20.70
	DFT-s-OFDM 256QAM	1	1	17.37	17.28	17.32	18.70
		1	104	17.48	17.39	17.36	18.70
		50	25	17.75	17.89	17.77	18.70
	CP-OFDM QPSK	1	1	20.58	20.62	20.62	21.70
	CP-OFDM 16QAM	1	1	20.24	20.18	20.25	21.20
	CP-OFDM 64QAM	1	1	18.81	18.69	18.55	19.70
	CP-OFDM 256QAM	1	1	15.71	15.74	15.86	16.70

N7-ANT1 State18(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	14.67	14.73	14.64	15.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	14.74	14.81	14.63	15.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	14.74	14.82	14.64	15.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	14.75	14.87	14.70	15.70
		1	104	14.65	14.79	14.60	15.70
		50	25	14.83	14.93	14.78	15.70
	DFT-s-OFDM 16QAM	1	1	14.75	14.70	14.57	15.70
		1	104	14.73	14.77	14.76	15.70
		50	25	14.77	14.76	14.61	15.70
	DFT-s-OFDM 64QAM	1	1	14.64	14.71	14.85	15.70
		1	104	14.67	14.78	14.89	15.70
		50	25	14.76	14.74	14.70	15.70
	DFT-s-OFDM 256QAM	1	1	14.68	14.75	14.61	15.70
		1	104	14.81	14.88	14.85	15.70
		50	25	15.04	14.97	15.08	15.70
	CP-OFDM QPSK	1	1	14.86	14.79	14.87	15.70
	CP-OFDM 16QAM	1	1	14.73	14.88	14.74	15.70
	CP-OFDM 64QAM	1	1	14.64	14.68	14.64	15.70
	CP-OFDM 256QAM	1	1	14.95	14.92	14.90	15.70

N7-ANT1 State20(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	13.25	13.42	13.28	14.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	13.25	13.31	13.19	14.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	13.30	13.38	13.22	14.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	13.32	13.42	13.31	14.20
		1	104	13.23	13.23	13.41	14.20
		50	25	13.41	13.63	13.50	14.20
	DFT-s-OFDM 16QAM	1	1	13.11	13.24	13.30	14.20
		1	104	13.44	13.31	13.16	14.20
		50	25	13.29	13.26	13.29	14.20
	DFT-s-OFDM 64QAM	1	1	13.08	13.23	13.12	14.20
		1	104	13.37	13.24	13.33	14.20
		50	25	13.23	13.21	13.19	14.20
	DFT-s-OFDM 256QAM	1	1	13.26	13.22	13.19	14.20
		1	104	13.38	13.27	13.29	14.20
		50	25	13.53	13.42	13.48	14.20
	CP-OFDM QPSK	1	1	13.24	13.17	13.16	14.20
	CP-OFDM 16QAM	1	1	13.41	13.32	13.17	14.20
	CP-OFDM 64QAM	1	1	13.24	13.19	13.04	14.20
	CP-OFDM 256QAM	1	1	13.37	13.42	13.34	14.20

N7-ANT1 State17(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	18.51	18.68	18.62	19.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	18.51	18.63	18.61	19.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	18.52	18.67	18.57	19.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	18.56	18.73	18.64	19.70
		1	104	18.46	18.66	18.46	19.70
		50	25	18.69	18.81	18.75	19.70
	DFT-s-OFDM 16QAM	1	1	18.73	18.62	18.68	19.70
		1	104	18.62	18.66	18.72	19.70
		50	25	18.73	18.66	18.65	19.70
	DFT-s-OFDM 64QAM	1	1	18.80	18.68	18.59	19.70
		1	104	18.71	18.68	18.65	19.70
		50	25	18.59	18.63	18.64	19.70
	DFT-s-OFDM 256QAM	1	1	17.70	17.75	17.68	18.70
		1	104	17.52	17.78	17.77	18.70
		50	25	17.69	17.84	17.98	18.70
	CP-OFDM QPSK	1	1	18.63	18.56	18.55	19.70
	CP-OFDM 16QAM	1	1	18.62	18.70	18.61	19.70
	CP-OFDM 64QAM	1	1	18.58	18.61	18.48	19.70
	CP-OFDM 256QAM	1	1	15.84	15.76	15.67	16.70

N7-ANT1 State19(Only for SA)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	16.94	17.06	17.01	18.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	16.96	17.07	17.01	18.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	17.05	17.05	17.03	18.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.07	17.13	17.06	18.20
		1	104	17.04	17.14	16.96	18.20
		50	25	17.13	17.17	17.08	18.20
	DFT-s-OFDM 16QAM	1	1	17.26	17.13	17.23	18.20
		1	104	17.16	17.12	17.07	18.20
		50	25	17.11	17.23	17.27	18.20
	DFT-s-OFDM 64QAM	1	1	17.09	17.15	17.05	18.20
		1	104	17.22	17.17	17.21	18.20
		50	25	17.06	17.15	17.13	18.20
	DFT-s-OFDM 256QAM	1	1	17.23	17.21	17.19	18.20
		1	104	17.23	17.12	17.26	18.20
		50	25	17.29	17.24	17.10	18.20
	CP-OFDM QPSK	1	1	17.18	17.13	17.05	18.20
	CP-OFDM 16QAM	1	1	17.19	17.23	17.14	18.20
	CP-OFDM 64QAM	1	1	17.07	17.13	17.25	18.20
	CP-OFDM 256QAM	1	1	15.89	15.75	15.68	16.70

N7-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	21.90	22.11	22.06	23.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	21.90	22.11	22.00	23.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	21.88	22.08	22.04	23.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	22.01	22.13	22.08	23.20
		1	104	22.06	22.23	22.12	23.20
		50	25	22.08	22.17	22.01	23.20
	DFT-s-OFDM 16QAM	1	1	20.97	21.12	21.01	22.20
		1	104	21.22	21.12	20.97	22.20
		50	25	21.10	21.18	21.22	22.20
	DFT-s-OFDM 64QAM	1	1	19.46	19.59	19.48	20.70
		1	104	19.63	19.63	19.50	20.70
		50	25	19.68	19.66	19.57	20.70
	DFT-s-OFDM 256QAM	1	1	17.37	17.28	17.32	18.70
		1	104	17.48	17.39	17.36	18.70
		50	25	17.75	17.89	17.77	18.70
	CP-OFDM QPSK	1	1	20.58	20.62	20.62	21.70
	CP-OFDM 16QAM	1	1	20.24	20.18	20.25	21.20
	CP-OFDM 64QAM	1	1	18.81	18.69	18.55	19.70
	CP-OFDM 256QAM	1	1	15.71	15.74	15.86	16.70

N7-ANT1 State18(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	12.83	12.94	12.81	13.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	12.65	12.64	12.72	13.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	12.56	12.67	12.58	13.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	12.83	12.95	12.88	13.70
		1	104	12.73	12.79	12.86	13.70
		50	25	12.93	13.22	13.02	13.70
	DFT-s-OFDM 16QAM	1	1	12.67	12.65	12.72	13.70
		1	104	12.97	12.90	12.75	13.70
		50	25	12.70	12.70	12.72	13.70
	DFT-s-OFDM 64QAM	1	1	12.60	12.68	12.67	13.70
		1	104	12.80	12.73	12.87	13.70
		50	25	12.79	12.74	12.69	13.70
	DFT-s-OFDM 256QAM	1	1	12.80	12.77	12.65	13.70
		1	104	12.79	12.83	12.74	13.70
		50	25	13.09	13.00	12.92	13.70
	CP-OFDM QPSK	1	1	12.73	12.58	12.74	13.70
	CP-OFDM 16QAM	1	1	12.95	12.83	12.58	13.70
	CP-OFDM 64QAM	1	1	12.83	12.65	12.55	13.70
	CP-OFDM 256QAM	1	1	12.82	12.99	12.75	13.70

N7-ANT1 State20(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	11.86	11.85	11.93	12.70
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	11.59	11.55	11.71	12.70
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	11.68	11.60	11.75	12.70
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	11.88	11.96	11.86	12.70
		1	104	11.65	11.85	11.95	12.70
		50	25	11.98	12.19	11.99	12.70
	DFT-s-OFDM 16QAM	1	1	11.67	11.63	11.77	12.70
		1	104	11.99	11.92	11.72	12.70
		50	25	11.61	11.77	11.69	12.70
	DFT-s-OFDM 64QAM	1	1	11.68	11.67	11.76	12.70
		1	104	11.82	11.75	11.83	12.70
		50	25	11.72	11.80	11.69	12.70
	DFT-s-OFDM 256QAM	1	1	11.77	11.82	11.67	12.70
		1	104	11.82	11.81	11.77	12.70
		50	25	12.02	12.02	11.99	12.70
	CP-OFDM QPSK	1	1	11.82	11.54	11.66	12.70
	CP-OFDM 16QAM	1	1	11.94	11.91	11.59	12.70
	CP-OFDM 64QAM	1	1	11.81	11.64	11.54	12.70
	CP-OFDM 256QAM	1	1	11.90	11.98	11.66	12.70

N7-ANT1 State17(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	16.94	17.06	17.01	18.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	16.96	17.07	17.01	18.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	17.05	17.05	17.03	18.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	17.07	17.13	17.06	18.20
		1	104	17.04	17.14	16.96	18.20
		50	25	17.13	17.17	17.08	18.20
	DFT-s-OFDM 16QAM	1	1	17.26	17.13	17.23	18.20
		1	104	17.16	17.12	17.07	18.20
		50	25	17.11	17.23	17.27	18.20
	DFT-s-OFDM 64QAM	1	1	17.09	17.15	17.05	18.20
		1	104	17.22	17.17	17.21	18.20
		50	25	17.06	17.15	17.13	18.20
	DFT-s-OFDM 256QAM	1	1	17.23	17.21	17.19	18.20
		1	104	17.23	17.12	17.26	18.20
		50	25	17.29	17.24	17.10	18.20
	CP-OFDM QPSK	1	1	17.18	17.13	17.05	18.20
	CP-OFDM 16QAM	1	1	17.19	17.23	17.14	18.20
	CP-OFDM 64QAM	1	1	17.07	17.13	17.25	18.20
	CP-OFDM 256QAM	1	1	15.89	15.75	15.68	16.70

N7-ANT1 State19(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power
5	DFT-s-OFDM QPSK	1	1	15.99	16.12	15.86	17.20
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power
10	DFT-s-OFDM QPSK	1	1	16.01	16.07	15.95	17.20
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power
15	DFT-s-OFDM QPSK	1	1	16.02	16.14	15.95	17.20
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power
20	DFT-s-OFDM QPSK	1	1	16.05	16.17	15.98	17.20
		1	104	16.04	16.08	15.88	17.20
		50	25	16.09	16.24	16.03	17.20
	DFT-s-OFDM 16QAM	1	1	16.18	16.20	16.17	17.20
		1	104	16.23	16.15	16.16	17.20
		50	25	16.05	16.27	16.22	17.20
	DFT-s-OFDM 64QAM	1	1	16.17	16.07	16.04	17.20
		1	104	16.15	16.09	16.16	17.20
		50	25	16.12	16.23	16.07	17.20
	DFT-s-OFDM 256QAM	1	1	16.23	16.24	16.17	17.20
		1	104	16.31	16.09	16.34	17.20
		50	25	16.35	16.27	16.12	17.20
	CP-OFDM QPSK	1	1	16.23	16.22	16.08	17.20
	CP-OFDM 16QAM	1	1	16.15	16.20	16.16	17.20
	CP-OFDM 64QAM	1	1	16.13	16.07	16.26	17.20
	CP-OFDM 256QAM	1	1	15.88	15.83	15.70	16.70

N7-ANT3 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power(dB)
5	DFT-s-OFDM QPSK	1	1	20.96	20.63	21.21	22.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power(dB)
10	DFT-s-OFDM QPSK	1	1	20.91	20.61	21.21	22.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power(dB)
15	DFT-s-OFDM QPSK	1	1	20.90	20.61	21.20	22.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power(dB)
20	DFT-s-OFDM QPSK	1	1	20.98	21.21	20.76	22.00
		1	104	20.65	21.06	20.58	22.00
		50	25	20.78	20.89	20.84	22.00
20	DFT-s-OFDM 16QAM	1	1	19.69	19.67	19.39	21.00
		1	104	19.85	19.93	19.83	21.00
		50	25	19.88	19.88	19.84	21.00
20	DFT-s-OFDM 64QAM	1	1	18.49	18.50	18.39	19.50
		1	104	18.72	18.80	18.71	19.50
		50	25	18.24	18.34	18.35	19.50
20	DFT-s-OFDM 256QAM	1	1	16.40	16.42	16.33	17.50
		1	104	16.78	16.80	16.71	17.50
		50	25	16.28	16.31	16.36	17.50
20	CP-OFDM QPSK	1	1	19.09	19.13	19.15	20.50
20	CP-OFDM 16QAM	1	1	18.72	18.79	18.72	20.00
20	CP-OFDM 64QAM	1	1	16.85	16.98	16.98	18.50
20	CP-OFDM 256QAM	1	1	14.06	14.08	13.96	15.50

N7-ANT3 State18 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power(dB)
5	DFT-s-OFDM QPSK	1	1	19.84	19.64	20.24	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power(dB)
10	DFT-s-OFDM QPSK	1	1	19.95	19.69	20.24	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power(dB)
15	DFT-s-OFDM QPSK	1	1	19.93	19.56	20.20	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power(dB)
20	DFT-s-OFDM QPSK	1	1	19.99	19.71	20.24	21.00
		1	104	19.62	20.01	19.54	21.00
		50	25	19.79	19.87	19.80	21.00
20	DFT-s-OFDM 16QAM	1	1	19.69	19.39	19.49	21.00
		1	104	19.81	19.82	19.72	21.00
		50	25	19.85	19.78	19.80	21.00
20	DFT-s-OFDM 64QAM	1	1	18.44	18.46	18.28	19.50
		1	104	18.64	18.80	18.63	19.50
		50	25	18.17	18.35	18.25	19.50
20	DFT-s-OFDM 256QAM	1	1	16.38	16.44	16.25	17.50
		1	104	16.79	16.71	16.68	17.50
		50	25	16.19	16.23	16.31	17.50
20	CP-OFDM QPSK	1	1	19.05	19.16	19.17	20.50
20	CP-OFDM 16QAM	1	1	18.64	18.69	18.72	20.00
20	CP-OFDM 64QAM	1	1	16.77	16.97	16.97	18.50
20	CP-OFDM 256QAM	1	1	13.96	14.00	13.85	15.50

N7-ANT3 State20 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power(dB)
5	DFT-s-OFDM QPSK	1	1	16.71	16.73	17.08	18.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power(dB)
10	DFT-s-OFDM QPSK	1	1	16.73	16.70	17.12	18.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power(dB)
15	DFT-s-OFDM QPSK	1	1	16.71	16.76	17.22	18.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power(dB)
20	DFT-s-OFDM QPSK	1	1	17.22	16.77	16.87	18.00
		1	104	16.61	17.04	16.61	18.00
		50	25	16.79	16.73	16.84	18.00
20	DFT-s-OFDM 16QAM	1	1	16.64	16.37	16.56	18.00
		1	104	16.86	16.88	16.81	18.00
		50	25	16.81	16.85	16.84	18.00
20	DFT-s-OFDM 64QAM	1	1	16.97	17.02	16.90	18.00
		1	104	17.16	17.22	17.21	18.00
		50	25	16.74	16.85	16.80	18.00
20	DFT-s-OFDM 256QAM	1	1	16.31	16.40	16.27	17.50
		1	104	16.73	16.76	16.68	17.50
		50	25	16.29	16.34	16.39	17.50
20	CP-OFDM QPSK	1	1	16.49	16.58	16.60	18.00
20	CP-OFDM 16QAM	1	1	16.70	16.81	16.65	18.00
20	CP-OFDM 64QAM	1	1	16.38	16.39	16.42	18.00
20	CP-OFDM 256QAM	1	1	13.95	14.04	13.93	15.50

N7-ANT3 State17 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power(dB)
5	DFT-s-OFDM QPSK	1	1	20.96	20.63	21.21	22.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power(dB)
10	DFT-s-OFDM QPSK	1	1	20.91	20.61	21.21	22.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power(dB)
15	DFT-s-OFDM QPSK	1	1	20.90	20.61	21.20	22.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power(dB)
20	DFT-s-OFDM QPSK	1	1	20.98	21.21	20.76	22.00
		1	104	20.65	21.06	20.58	22.00
		50	25	20.78	20.89	20.84	22.00
20	DFT-s-OFDM 16QAM	1	1	19.69	19.67	19.39	21.00
		1	104	19.85	19.93	19.83	21.00
		50	25	19.88	19.88	19.84	21.00
20	DFT-s-OFDM 64QAM	1	1	18.49	18.50	18.39	19.50
		1	104	18.72	18.80	18.71	19.50
		50	25	18.24	18.34	18.35	19.50
20	DFT-s-OFDM 256QAM	1	1	16.40	16.42	16.33	17.50
		1	104	16.78	16.80	16.71	17.50
		50	25	16.28	16.31	16.36	17.50
20	CP-OFDM QPSK	1	1	19.09	19.13	19.15	20.50
20	CP-OFDM 16QAM	1	1	18.72	18.79	18.72	20.00
20	CP-OFDM 64QAM	1	1	16.85	16.98	16.98	18.50
20	CP-OFDM 256QAM	1	1	14.06	14.08	13.96	15.50

N7-ANT3 State19 (Only for ENDC)

Bandwidth (MHz)		Channel		500500	507000	513500	Tune-up
		Frequency(MHz)		2502.5	2535	2567.5	power(dB)
5	DFT-s-OFDM QPSK	1	1	19.84	19.64	20.24	21.00
Bandwidth (MHz)		Channel		501000	507000	513000	Tune-up
		Frequency(MHz)		2505	2535	2565	power(dB)
10	DFT-s-OFDM QPSK	1	1	19.95	19.69	20.24	21.00
Bandwidth (MHz)		Channel		501500	507000	512500	Tune-up
		Frequency(MHz)		2507.5	2535	2562.5	power(dB)
15	DFT-s-OFDM QPSK	1	1	19.93	19.56	20.20	21.00
Bandwidth (MHz)		Channel		502000	507000	512000	Tune-up
		Frequency(MHz)		2510	2535	2560	power(dB)
20	DFT-s-OFDM QPSK	1	1	19.99	19.71	20.24	21.00
		1	104	19.62	20.01	19.54	21.00
		50	25	19.79	19.87	19.80	21.00
20	DFT-s-OFDM 16QAM	1	1	19.69	19.39	19.49	21.00
		1	104	19.81	19.82	19.72	21.00
		50	25	19.85	19.78	19.80	21.00
20	DFT-s-OFDM 64QAM	1	1	18.44	18.46	18.28	19.50
		1	104	18.64	18.80	18.63	19.50
		50	25	18.17	18.35	18.25	19.50
20	DFT-s-OFDM 256QAM	1	1	16.38	16.44	16.25	17.50
		1	104	16.79	16.71	16.68	17.50
		50	25	16.19	16.23	16.31	17.50
20	CP-OFDM QPSK	1	1	19.05	19.16	19.17	20.50
20	CP-OFDM 16QAM	1	1	18.64	18.69	18.72	20.00
20	CP-OFDM 64QAM	1	1	16.77	16.97	16.97	18.50
20	CP-OFDM 256QAM	1	1	13.96	14.00	13.85	15.50

8.5.3 NR Band38 Output Power

N38-ANT0 Full power(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
10	DFT-s-OFDM QPSK	1	1	23.50	23.73	23.78	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
15	DFT-s-OFDM QPSK	1	1	23.51	23.72	23.81	24.20
Bandwidth (MHz)		Channel		518000	519000	520000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
20	DFT-s-OFDM QPSK	1	1	23.53	23.78	23.82	24.20
		1	104	23.79	23.80	23.60	24.20
		50	25	23.68	23.68	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.63	22.78	22.74	23.20
		1	104	22.95	22.85	22.76	23.20
		50	25	22.72	22.79	22.65	23.20
	DFT-s-OFDM 64QAM	1	1	21.70	21.60	21.57	22.00
		1	104	21.72	21.61	21.66	22.00
		50	25	21.78	21.67	21.66	22.00
	DFT-s-OFDM 256QAM	1	1	19.18	19.07	19.13	19.70
		1	104	19.23	19.18	19.05	19.70
		50	25	19.16	19.22	19.23	19.70
	CP-OFDM QPSK	1	1	22.41	22.33	22.46	22.70
	CP-OFDM 16QAM	1	1	21.79	21.68	21.59	22.20
	CP-OFDM 64QAM	1	1	20.26	20.29	20.35	20.70
	CP-OFDM 256QAM	1	1	17.40	17.49	17.56	17.70

N38-ANT0 State18&20(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
10	DFT-s-OFDM QPSK	1	1	23.50	23.73	23.78	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
15	DFT-s-OFDM QPSK	1	1	23.51	23.72	23.81	24.20
Bandwidth (MHz)		Channel		518000	519000	522000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
20	DFT-s-OFDM QPSK	1	1	23.53	23.78	23.82	24.20
		1	104	23.79	23.80	23.60	24.20
		50	25	23.68	23.68	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.63	22.78	22.74	23.20
		1	104	22.95	22.85	22.76	23.20
		50	25	22.72	22.79	22.65	23.20
	DFT-s-OFDM 64QAM	1	1	21.70	21.60	21.57	22.00
		1	104	21.72	21.61	21.66	22.00
		50	25	21.78	21.67	21.66	22.00
	DFT-s-OFDM 256QAM	1	1	19.18	19.07	19.13	19.70
		1	104	19.23	19.18	19.05	19.70
		50	25	19.16	19.22	19.23	19.70
	CP-OFDM QPSK	1	1	22.41	22.33	22.46	22.70
	CP-OFDM 16QAM	1	1	21.79	21.68	21.59	22.20
	CP-OFDM 64QAM	1	1	20.26	20.29	20.35	20.70
	CP-OFDM 256QAM	1	1	17.40	17.49	17.56	17.70

N38-ANT0 State17(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
10	DFT-s-OFDM QPSK	1	1	23.50	23.73	23.78	24.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
15	DFT-s-OFDM QPSK	1	1	23.51	23.72	23.81	24.20
Bandwidth (MHz)		Channel		518000	519000	522000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
20	DFT-s-OFDM QPSK	1	1	23.53	23.78	23.82	24.20
		1	104	23.79	23.80	23.60	24.20
		50	25	23.68	23.68	23.71	24.20
	DFT-s-OFDM 16QAM	1	1	22.63	22.78	22.74	23.20
		1	104	22.95	22.85	22.76	23.20
		50	25	22.72	22.79	22.65	23.20
	DFT-s-OFDM 64QAM	1	1	21.70	21.60	21.57	22.00
		1	104	21.72	21.61	21.66	22.00
		50	25	21.78	21.67	21.66	22.00
	DFT-s-OFDM 256QAM	1	1	19.18	19.07	19.13	19.70
		1	104	19.23	19.18	19.05	19.70
		50	25	19.16	19.22	19.23	19.70
	CP-OFDM QPSK	1	1	22.41	22.33	22.46	22.70
	CP-OFDM 16QAM	1	1	21.79	21.68	21.59	22.20
	CP-OFDM 64QAM	1	1	20.26	20.29	20.35	20.70
	CP-OFDM 256QAM	1	1	17.40	17.49	17.56	17.70

N38-ANT0 State19(Only for SA)

Bandwidth (MHz)		Channel		516000	519000	522000	Tune-up
		Frequency(MHz)		2580	2595	2610	power
10	DFT-s-OFDM QPSK	1	1	21.80	21.77	21.78	22.20
Bandwidth (MHz)		Channel		517000	519000	521000	Tune-up
		Frequency(MHz)		2585	2595	2605	power
15	DFT-s-OFDM QPSK	1	1	21.85	21.68	21.81	22.20
Bandwidth (MHz)		Channel		518000	519000	522000	Tune-up
		Frequency(MHz)		2590	2595	2600	power
20	DFT-s-OFDM QPSK	1	1	21.87	21.82	21.83	22.20
		1	104	21.86	21.77	21.78	22.20
		50	25	21.62	21.68	21.67	22.20
	DFT-s-OFDM 16QAM	1	1	21.79	21.73	21.75	22.20
		1	104	21.95	21.87	21.76	22.20
		50	25	21.74	21.85	21.73	22.20
	DFT-s-OFDM 64QAM	1	1	21.47	21.55	21.70	22.00
		1	104	21.47	21.52	21.61	22.00
		50	25	21.55	21.54	21.51	22.00
	DFT-s-OFDM 256QAM	1	1	19.19	19.08	19.14	19.70
		1	104	19.14	19.08	19.17	19.70
		50	25	19.07	19.09	19.21	19.70
	CP-OFDM QPSK	1	1	21.93	21.84	21.83	22.20
	CP-OFDM 16QAM	1	1	21.51	21.65	21.79	22.20
	CP-OFDM 64QAM	1	1	20.18	20.28	20.17	20.70
	CP-OFDM 256QAM	1	1	17.44	17.51	17.62	17.70

N38-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel	518000	519000	520000	Tune-up power
		Frequency(MHz)	2590	2595	2600	
20	DFT-s-OFDM QPSK	1	1	22.64	22.62	22.70
Bandwidth (MHz)		Channel	517500	518000	521500	Tune-up power
		Frequency(MHz)	2585	2590	2605	
15	DFT-s-OFDM QPSK	1	1	22.63	22.67	22.66	22.70
Bandwidth (MHz)		Channel	516000	518000	520000	Tune-up power
		Frequency(MHz)	2580	2590	2600	
20	DFT-s-OFDM QPSK	1	0	22.69	22.69	22.65	22.70
		1	104	22.63	22.62	22.73	22.70
		50	25	22.62	22.67	22.72	22.70
	DFT-s-OFDM 16QAM	1	1	22.11	21.98	22.15	22.70
		1	104	21.70	21.67	21.67	22.70
		50	25	22.03	22.02	21.68	22.70
	DFT-s-OFDM 64QAM	1	1	20.39	20.37	20.01	21.20
		1	104	20.30	20.29	20.08	21.20
		50	25	20.35	20.43	20.02	21.20
	DFT-s-OFDM 256QAM	1	0	18.29	18.30	18.46	19.20
		1	104	18.38	18.32	18.25	19.20
		50	25	18.07	18.31	18.08	19.20
	CP-OFDM QPSK	1	1	21.41	21.37	21.38	22.20
	CP-OFDM 16QAM	1	1	20.98	20.95	20.94	21.70
	CP-OFDM 64QAM	1	1	19.28	19.39	19.42	20.20
	CP-OFDM 256QAM	1	1	18.84	18.64	18.54	17.20

N38-ANT1 State18

Bandwidth (MHz)		Channel	518000	519000	520000	Tune-up power
		Frequency(MHz)	2590	2595	2600	
30	DFT-s-OFDM QPSK	1	1	15.49	15.68	15.40	16.20
Bandwidth (MHz)		Channel	517000	518000	521000	Tune-up power
		Frequency(MHz)	2585	2590	2605	
30	DFT-s-OFDM QPSK	1	1	15.53	15.69	15.47	16.20
Bandwidth (MHz)		Channel	516000	518000	520000	Tune-up power
		Frequency(MHz)	2580	2590	2600	
40	DFT-s-OFDM QPSK	1	0	15.47	15.69	15.52	16.20
		1	104	15.53	15.58	15.64	16.20
		50	25	15.45	15.44	15.41	16.20
	DFT-s-OFDM 16QAM	1	1	15.75	15.72	15.78	16.20
		1	104	15.69	15.69	15.74	16.20
		50	25	15.77	15.82	15.76	16.20
	DFT-s-OFDM 64QAM	1	1	15.57	15.53	15.57	16.20
		1	104	15.48	15.76	15.71	16.20
		50	25	15.71	15.66	15.63	16.20
	DFT-s-OFDM 256QAM	1	0	15.42	15.50	15.30	16.20
		1	104	15.74	15.67	15.71	16.20
		50	25	15.67	15.78	15.70	16.20
	CP-OFDM QPSK	1	1	15.38	15.47	15.63	16.20
	CP-OFDM 16QAM	1	1	15.73	15.61	15.69	16.20
	CP-OFDM 64QAM	1	1	15.44	15.44	15.42	16.20
	CP-OFDM 256QAM	1	1	15.45	15.70	15.66	16.20

N38-ANT1 State25(Only for SA)

Bandwidth (MHz)		Channel	518000	519000	520000	Tune-up power
		Frequency(MHz)	2590	2595	2610	
30	DFT-s-OFDM QPSK	1	1	14.05	13.98	14.01	14.70
Bandwidth (MHz)		Channel	517000	518000	521000	Tune-up power
		Frequency(MHz)	2585	2590	2605	
30	DFT-s-OFDM QPSK	1	1	14.01	14.01	14.07	14.70
Bandwidth (MHz)		Channel	516000	518000	520000	Tune-up power
		Frequency(MHz)	2580	2590	2600	
40	DFT-s-OFDM QPSK	1	0	14.02	14.12	14.02	14.70
		1	104	14.08	14.04	14.02	14.70
		50	25	14.03	14.09	14.00	14.70
	DFT-s-OFDM 16QAM	1	1	14.33	14.22	14.26	14.70
		1	104	14.16	14.09	14.18	14.70
		50	25	14.11	14.18	14.27	14.70
	DFT-s-OFDM 64QAM	1	1	14.13	14.13	14.27	14.70
		1	104	14.13	14.07	14.10	14.70
		50	25	14.06	14.30	14.32	14.70
	DFT-s-OFDM 256QAM	1	0	14.05	14.07	14.07	14.70
		1	104	14.22	14.21	14.19	14.70
		50	25	14.08	14.14	14.10	14.70
	CP-OFDM QPSK	1	1	14.02	14.08	14.18	14.70
	CP-OFDM 16QAM	1	1	14.28	14.23	14.32	14.70
	CP-OFDM 64QAM	1	1	13.95	14.04	14.00	14.70
	CP-OFDM 256QAM	1	1	14.03	14.40	14.43	14.70

N38-ANT1 State17(Only for SA)

Bandwidth (MHz)		Channel	518000	519000	520000	Tune-up power
		Frequency(MHz)	2590	2595	2610	
20	DFT-s-OFDM QPSK	1	1	19.06	19.10	19.06	19.70
Bandwidth (MHz)		Channel	517500	518000	521500	Tune-up power
		Frequency(MHz)	2585	2590	2605	
20	DFT-s-OFDM QPSK	1	1	19.04	19.10	19.05	19.70
Bandwidth (MHz)		Channel	516500	518000	520500	Tune-up power
		Frequency(MHz)	2580	2590	2600	
40	DFT-s-OFDM QPSK	1	0	19.03	19.12	19.07	19.70
		1	104	19.06	19.01	19.07	19.70
		50	25	18.98	18.94	18.89	19.70
	DFT-s-OFDM 16QAM	1	1	19.12	19.03	19.03	19.70
		1	104	19.02	19.03	18.93	19.70
		50	25	18.96	19.03	18.98	19.70
	DFT-s-OFDM 64QAM	1	1	19.02	19.40	19.28	19.70
		1	104	19.30	19.45	19.45	19.70
		50	25	19.29	19.38	19.33	19.70
	DFT-s-OFDM 256QAM	1	1	18.40	18.27	18.43	19.20
		1	104	18.43	18.38	18.48	19.20
		50	25	18.84	18.79	18.87	19.20
	CP-OFDM QPSK	1	1	19.13	19.12	19.14	19.70
	CP-OFDM 16QAM	1	1	19.05	19.03	19.11	19.70
	CP-OFDM 64QAM	1	1	19.03	19.09	19.01	19.70
	CP-OFDM 256QAM	1	1	18.87	18.90	18.98	17.20

N38-ANT1 State19(Only for SA)

Bandwidth (MHz)		Channel	518000	519000	520000	Tune-up power
		Frequency(MHz)	2590	2595	2610	
20	DFT-s-OFDM QPSK	1	1	17.02	17.08	16.97	17.70
Bandwidth (MHz)		Channel	517500	518000	521500	Tune-up power
		Frequency(MHz)	2585	2590	2605	
20	DFT-s-OFDM QPSK	1	1	17.12	17.01	17.10	17.70
Bandwidth (MHz)		Channel	516500	518000	520500	Tune-up power
		Frequency(MHz)	2580	2590	2600	
40	DFT-s-OFDM QPSK	1	0	17.13	17.11	17.10	17.70
		1	104	17.12	17.08	17.05	17.70
		50	25	16.97	16.98	16.88	17.70
	DFT-s-OFDM 16QAM	1	1	17.18	17.08	17.17	17.70
		1	104	17.01	17.03	17.10	17.70
		50	25	16.97	17.02	16.92	17.70
	DFT-s-OFDM 64QAM	1	1	17.39	17.35	17.37	17.70
		1	104	17.38	17.39	17.44	17.70
		50	25	17.37	17.31	17.29	17.70
	DFT-s-OFDM 256QAM	1	1	17.00	17.12	17.08	17.70
		1	104	17.11	17.21	16.85	17.70
		50	25	17.02	17.26	17.12	17.70
	CP-OFDM QPSK	1	1	17.08	17.03	17.05	17.70
	CP-OFDM 16QAM	1	1	16.96	16.97	17.03	17.70
	CP-OFDM 64QAM	1	1	16.84	17.03	17.04	17.70
	CP-OFDM 256QAM	1	1	16.90	16.75	16.84	17.20

8.5.4 NR Band41 Output Power

N41-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	539395	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	23.36	23.62	23.48	24.20
Bandwidth (MHz)		Channel		502200	518598	534995	Tune-up
		Frequency(MHz)		2511	2592.99	2674.99	power(dB)
30	DFT-s-OFDM QPSK	1	1	23.34	23.56	23.48	24.20
Bandwidth (MHz)		Channel		503202	518598	534002	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	23.39	23.43	23.56	24.20
Bandwidth (MHz)		Channel		504204	518598	532995	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	23.43	23.54	23.55	24.20
Bandwidth (MHz)		Channel		505205	518598	531995	Tune-up
		Frequency(MHz)		2526	2592.99	2659.99	power(dB)
60	DFT-s-OFDM QPSK	1	1	23.45	23.57	23.51	24.20
Bandwidth (MHz)		Channel		506202	518598	531002	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	23.45	23.61	23.51	24.20
Bandwidth (MHz)		Channel		507204	518598	529995	Tune-up
		Frequency(MHz)		2536.02	2592.99	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	23.35	23.52	23.48	24.20
Bandwidth (MHz)		Channel		508208	518598	528995	Tune-up
		Frequency(MHz)		2541	2592.99	2644.99	power(dB)
90	DFT-s-OFDM QPSK	1	1	23.41	23.67	23.53	24.20
Bandwidth (MHz)		Channel		509202	518598	528002	Tune-up
				2546.01	2592.99	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	23.49	23.68	23.57	24.20
		1	271	23.57	23.57	23.68	24.20
		135	67	23.58	23.62	23.55	24.20
	DFT-s-OFDM 16QAM	1	1	22.31	22.24	22.10	23.20
		1	271	22.29	22.36	22.32	23.20
		135	67	22.18	22.14	22.41	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.94	21.03	21.70
		1	271	20.88	20.99	20.98	21.70
		135	67	20.95	20.90	20.82	21.70
	DFT-s-OFDM 256QAM	1	1	19.05	19.10	19.21	19.70
		1	271	19.05	19.10	19.21	19.70
		135	67	19.15	19.10	19.21	19.70
	CP-OFDM QPSK	1	1	21.88	21.72	21.80	22.70
	CP-OFDM 16QAM	1	1	21.12	21.26	21.23	22.20
	CP-OFDM 64QAM	1	1	20.23	20.17	20.19	20.70
	CP-OFDM 256QAM	1	1	17.30	17.41	17.44	17.70

N41-ANT1 State18&20(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	539395	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	23.36	23.62	23.48	24.20
Bandwidth (MHz)		Channel		502200	518598	534995	Tune-up
		Frequency(MHz)		2511	2592.99	2674.99	power(dB)
30	DFT-s-OFDM QPSK	1	1	23.34	23.56	23.48	24.20
Bandwidth (MHz)		Channel		503202	518598	534002	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	23.39	23.43	23.56	24.20
Bandwidth (MHz)		Channel		504204	518598	532995	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	23.43	23.54	23.55	24.20
Bandwidth (MHz)		Channel		505205	518598	531995	Tune-up
		Frequency(MHz)		2526	2592.99	2659.99	power(dB)
60	DFT-s-OFDM QPSK	1	1	23.45	23.57	23.51	24.20
Bandwidth (MHz)		Channel		506202	518598	531002	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	23.45	23.61	23.51	24.20
Bandwidth (MHz)		Channel		507204	518598	529995	Tune-up
		Frequency(MHz)		2536.02	2592.99	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	23.35	23.52	23.48	24.20
Bandwidth (MHz)		Channel		508208	518598	528995	Tune-up
		Frequency(MHz)		2541	2592.99	2644.99	power(dB)
90	DFT-s-OFDM QPSK	1	1	23.41	23.67	23.53	24.20
Bandwidth (MHz)		Channel		509202	518598	528002	Tune-up
				2546.01	2592.99	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	23.49	23.68	23.57	24.20
		1	271	23.57	23.57	23.68	24.20
		135	67	23.58	23.62	23.55	24.20
	DFT-s-OFDM 16QAM	1	1	22.31	22.24	22.10	23.20
		1	271	22.29	22.36	22.32	23.20
		135	67	22.18	22.14	22.41	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.94	21.03	21.70
		1	271	20.88	20.99	20.98	21.70
		135	67	20.95	20.90	20.82	21.70
	DFT-s-OFDM 256QAM	1	1	19.05	19.10	19.21	19.70
		1	271	19.05	19.10	19.21	19.70
		135	67	19.15	19.10	19.21	19.70
	CP-OFDM QPSK	1	1	21.88	21.72	21.80	22.70
	CP-OFDM 16QAM	1	1	21.12	21.26	21.23	22.20
	CP-OFDM 64QAM	1	1	20.23	20.17	20.19	20.70
	CP-OFDM 256QAM	1	1	17.30	17.41	17.44	17.70

N41-ANT1 State17(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	539395	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	23.36	23.62	23.48	24.20
Bandwidth (MHz)		Channel		502200	518598	534995	Tune-up
		Frequency(MHz)		2511	2592.99	2674.99	power(dB)
30	DFT-s-OFDM QPSK	1	1	23.34	23.56	23.48	24.20
Bandwidth (MHz)		Channel		503202	518598	534002	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	23.39	23.43	23.56	24.20
Bandwidth (MHz)		Channel		504204	518598	532995	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	23.43	23.54	23.55	24.20
Bandwidth (MHz)		Channel		505205	518598	531995	Tune-up
		Frequency(MHz)		2526	2592.99	2659.99	power(dB)
60	DFT-s-OFDM QPSK	1	1	23.45	23.57	23.51	24.20
Bandwidth (MHz)		Channel		506202	518598	531002	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	23.45	23.61	23.51	24.20
Bandwidth (MHz)		Channel		507204	518598	529995	Tune-up
		Frequency(MHz)		2536.02	2592.99	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	23.35	23.52	23.48	24.20
Bandwidth (MHz)		Channel		508208	518598	528995	Tune-up
		Frequency(MHz)		2541	2592.99	2644.99	power(dB)
90	DFT-s-OFDM QPSK	1	1	23.41	23.67	23.53	24.20
Bandwidth (MHz)		Channel		509202	518598	528002	Tune-up
				2546.01	2592.99	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	23.49	23.68	23.57	24.20
		1	271	23.57	23.57	23.68	24.20
		135	67	23.58	23.62	23.55	24.20
	DFT-s-OFDM 16QAM	1	1	22.31	22.24	22.10	23.20
		1	271	22.29	22.36	22.32	23.20
		135	67	22.18	22.14	22.41	23.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.94	21.03	21.70
		1	271	20.88	20.99	20.98	21.70
		135	67	20.95	20.90	20.82	21.70
	DFT-s-OFDM 256QAM	1	1	19.05	19.10	19.21	19.70
		1	271	19.05	19.10	19.21	19.70
		135	67	19.15	19.10	19.21	19.70
	CP-OFDM QPSK	1	1	21.88	21.72	21.80	22.70
	CP-OFDM 16QAM	1	1	21.12	21.26	21.23	22.20
	CP-OFDM 64QAM	1	1	20.23	20.17	20.19	20.70
	CP-OFDM 256QAM	1	1	17.30	17.41	17.44	17.70

N41-ANT1 State19(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	539395	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB)
20	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.43	22.20
Bandwidth (MHz)		Channel		502200	518598	534995	Tune-up
		Frequency(MHz)		2511	2592.99	2674.99	power(dB)
30	DFT-s-OFDM QPSK	1	1	21.37	21.38	21.38	22.20
Bandwidth (MHz)		Channel		503202	518598	534002	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB)
40	DFT-s-OFDM QPSK	1	1	21.42	21.38	21.38	22.20
Bandwidth (MHz)		Channel		504204	518598	532995	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB)
50	DFT-s-OFDM QPSK	1	1	21.35	21.35	21.45	22.20
Bandwidth (MHz)		Channel		505205	518598	531995	Tune-up
		Frequency(MHz)		2526	2592.99	2659.99	power(dB)
60	DFT-s-OFDM QPSK	1	1	21.46	21.56	21.43	22.20
Bandwidth (MHz)		Channel		506202	518598	531002	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB)
70	DFT-s-OFDM QPSK	1	1	21.31	21.49	21.44	22.20
Bandwidth (MHz)		Channel		507204	518598	529995	Tune-up
		Frequency(MHz)		2536.02	2592.99	2649.99	power(dB)
80	DFT-s-OFDM QPSK	1	1	21.36	21.57	21.48	22.20
Bandwidth (MHz)		Channel		508208	518598	528995	Tune-up
		Frequency(MHz)		2541	2592.99	2644.99	power(dB)
90	DFT-s-OFDM QPSK	1	1	21.47	21.54	21.45	22.20
Bandwidth (MHz)		Channel		509202	518598	528002	Tune-up
				2546.01	2592.99	2640	power(dB)
100	DFT-s-OFDM QPSK	1	1	21.48	21.60	21.52	22.20
		1	271	21.52	21.46	21.71	22.20
		135	67	21.47	21.31	21.47	22.20
	DFT-s-OFDM 16QAM	1	1	21.54	21.56	21.44	22.20
		1	271	21.48	21.46	21.50	22.20
		135	67	21.38	21.31	21.38	22.20
	DFT-s-OFDM 64QAM	1	1	20.84	20.94	21.03	21.70
		1	271	20.88	20.99	20.98	21.70
		135	67	20.95	20.90	20.82	21.70
	DFT-s-OFDM 256QAM	1	1	19.05	19.10	19.21	19.70
		1	271	19.05	19.10	19.21	19.70
		135	67	19.15	19.10	19.21	19.70
	CP-OFDM QPSK	1	1	21.88	21.72	21.80	22.70
	CP-OFDM 16QAM	1	1	21.12	21.26	21.23	22.20
	CP-OFDM 64QAM	1	1	20.23	20.17	20.19	20.70
	CP-OFDM 256QAM	1	1	17.30	17.41	17.44	17.70

N41-ANT1 Full power(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	22.71	22.82	22.91	23.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	22.77	22.78	22.91	23.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	22.76	22.81	22.92	23.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	22.73	22.85	22.93	23.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	22.82	22.82	22.87	23.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	22.77	22.80	22.94	23.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	22.78	22.78	22.83	23.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	22.81	22.82	22.93	23.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	22.84	22.86	22.98	23.70
		1	271	22.93	22.65	22.76	23.70
		135	67	22.80	22.92	22.80	23.70
	DFT-s-OFDM 16QAM	1	1	21.61	21.74	21.63	22.70
		1	271	21.94	21.87	21.72	22.70
		135	67	21.62	21.64	21.71	22.70
	DFT-s-OFDM 64QAM	1	1	20.08	20.27	20.14	21.20
		1	271	20.15	20.21	20.30	21.20
		135	67	20.19	20.24	20.16	21.20
	DFT-s-OFDM 256QAM	1	1	18.37	18.24	18.29	19.20
		1	271	18.43	18.39	18.38	19.20
		135	67	18.21	18.36	18.25	19.20
	CP-OFDM QPSK	1	1	21.24	21.36	21.01	22.20
	CP-OFDM 16QAM	1	1	20.77	20.68	20.74	21.70
	CP-OFDM 64QAM	1	1	19.38	19.47	19.52	20.20
	CP-OFDM 256QAM	1	1	16.60	16.73	16.64	17.20

N41-ANT1 State18(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	15.22	15.42	15.38	16.20
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	15.31	15.42	15.34	16.20
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	15.29	15.41	15.41	16.20
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	15.35	15.32	15.33	16.20
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	15.30	15.33	15.42	16.20
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	15.28	15.40	15.40	16.20
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	15.31	15.41	15.41	16.20
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	15.32	15.33	15.43	16.20
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	15.34	15.45	15.44	16.20
		1	271	15.45	15.41	15.30	16.20
		135	67	15.24	15.28	15.27	16.20
	DFT-s-OFDM 16QAM	1	1	15.34	15.30	15.34	16.20
		1	271	15.46	15.40	15.34	16.20
		135	67	15.27	15.39	15.47	16.20
	DFT-s-OFDM 64QAM	1	1	15.69	15.64	15.52	16.20
		1	271	15.68	15.62	15.50	16.20
		135	67	15.48	15.53	15.54	16.20
	DFT-s-OFDM 256QAM	1	1	15.12	15.20	15.24	16.20
		1	271	15.25	15.25	15.13	16.20
		135	67	15.46	15.31	15.24	16.20
	CP-OFDM QPSK	1	1	15.46	15.40	15.31	16.20
	CP-OFDM 16QAM	1	1	15.15	15.25	15.23	16.20
	CP-OFDM 64QAM	1	1	15.25	15.36	15.46	16.20
	CP-OFDM 256QAM	1	1	15.47	15.58	15.49	16.20

N41-ANT1 State20(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	13.92	14.01	13.89	14.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	13.93	14.00	13.96	14.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	13.90	13.85	13.96	14.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	13.93	14.02	13.92	14.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	13.91	14.02	13.91	14.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	13.92	13.93	13.93	14.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	13.91	13.84	13.95	14.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	13.98	14.01	13.87	14.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	13.99	14.02	13.99	14.70
		1	271	13.98	13.91	13.85	14.70
		135	67	13.87	13.94	13.89	14.70
	DFT-s-OFDM 16QAM	1	1	13.96	13.87	13.75	14.70
		1	271	13.92	14.00	13.88	14.70
		135	67	13.85	13.85	13.89	14.70
	DFT-s-OFDM 64QAM	1	1	14.04	13.94	14.09	14.70
		1	271	14.09	14.07	14.19	14.70
		135	67	13.82	13.86	13.85	14.70
	DFT-s-OFDM 256QAM	1	1	13.85	13.74	13.73	14.70
		1	271	13.91	13.83	13.86	14.70
		135	67	13.63	13.74	13.81	14.70
	CP-OFDM QPSK	1	1	13.84	13.98	14.09	14.70
	CP-OFDM 16QAM	1	1	13.85	13.88	13.86	14.70
	CP-OFDM 64QAM	1	1	14.10	13.96	14.03	14.70
	CP-OFDM 256QAM	1	1	13.95	13.91	14.03	14.70

N41-ANT1 State17(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	18.73	18.95	18.90	19.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	18.81	18.89	18.91	19.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	18.76	19.00	18.88	19.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	18.84	18.94	18.90	19.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	18.81	18.91	18.92	19.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	18.85	18.91	18.89	19.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	18.81	18.85	18.80	19.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	18.75	18.88	18.86	19.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	18.86	19.01	18.93	19.70
		1	271	18.99	18.94	18.84	19.70
		135	67	18.86	18.87	18.78	19.70
	DFT-s-OFDM 16QAM	1	1	18.72	18.87	18.77	19.70
		1	271	18.92	18.85	18.89	19.70
		135	67	18.70	18.82	18.67	19.70
	DFT-s-OFDM 64QAM	1	1	18.84	18.93	18.90	19.70
		1	271	18.75	18.89	18.88	19.70
		135	67	18.95	19.06	18.99	19.70
	DFT-s-OFDM 256QAM	1	1	18.17	18.23	18.22	19.20
		1	271	18.36	18.36	18.38	19.20
		135	67	18.30	18.16	18.12	19.20
	CP-OFDM QPSK	1	1	19.04	18.96	19.06	19.70
	CP-OFDM 16QAM	1	1	18.75	18.82	18.92	19.70
	CP-OFDM 64QAM	1	1	18.88	18.91	18.95	19.70
	CP-OFDM 256QAM	1	1	16.76	16.66	16.66	17.20

N41-ANT1 State19(Only for SA)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	17.36	17.23	17.35	18.20
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	17.42	17.36	17.31	18.20
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	17.40	17.30	17.31	18.20
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	17.34	17.32	17.32	18.20
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	17.41	17.41	17.33	18.20
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	17.40	17.26	17.29	18.20
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	17.39	17.46	17.32	18.20
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	17.38	17.34	17.34	18.20
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	17.43	17.48	17.36	18.20
		1	271	17.46	17.36	17.33	18.20
		135	67	17.35	17.37	17.28	18.20
	DFT-s-OFDM 16QAM	1	1	17.29	17.35	17.47	18.20
		1	271	17.48	17.45	17.43	18.20
		135	67	17.44	17.40	17.47	18.20
	DFT-s-OFDM 64QAM	1	1	17.44	17.32	17.31	18.20
		1	271	17.55	17.45	17.48	18.20
		135	67	17.34	17.30	17.33	18.20
	DFT-s-OFDM 256QAM	1	1	17.07	17.21	17.36	18.20
		1	271	17.26	17.35	17.36	18.20
		135	67	17.33	17.21	17.28	18.20
	CP-OFDM QPSK	1	1	17.44	17.45	17.47	18.20
	CP-OFDM 16QAM	1	1	17.25	17.32	17.26	18.20
	CP-OFDM 64QAM	1	1	17.55	17.43	17.49	18.20
	CP-OFDM 256QAM	1	1	16.55	16.62	16.54	17.20

N41-ANT1 Full power(Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	22.71	22.82	22.91	23.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	22.77	22.78	22.91	23.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	22.76	22.81	22.92	23.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	22.73	22.85	22.93	23.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	22.82	22.82	22.87	23.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	22.77	22.80	22.94	23.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	22.78	22.78	22.83	23.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	22.81	22.82	22.93	23.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	22.84	22.86	22.98	23.70
		1	271	22.93	22.65	22.76	23.70
		135	67	22.80	22.92	22.80	23.70
	DFT-s-OFDM 16QAM	1	1	21.61	21.74	21.63	22.70
		1	271	21.94	21.87	21.72	22.70
		135	67	21.62	21.64	21.71	22.70
	DFT-s-OFDM 64QAM	1	1	20.08	20.27	20.14	21.20
		1	271	20.15	20.21	20.30	21.20
		135	67	20.19	20.24	20.16	21.20
	DFT-s-OFDM 256QAM	1	1	18.37	18.24	18.29	19.20
		1	271	18.43	18.39	18.38	19.20
		135	67	18.21	18.36	18.25	19.20
	CP-OFDM QPSK	1	1	21.24	21.36	21.01	22.20
	CP-OFDM 16QAM	1	1	20.77	20.68	20.74	21.70
	CP-OFDM 64QAM	1	1	19.38	19.47	19.52	20.20
	CP-OFDM 256QAM	1	1	16.60	16.73	16.64	17.20

N41-ANT1 State18(Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	13.92	14.01	13.89	14.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	13.93	14.00	13.96	14.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	13.90	13.85	13.96	14.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	13.93	14.02	13.92	14.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	13.91	14.02	13.91	14.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	13.92	13.93	13.93	14.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	13.91	13.84	13.95	14.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	13.98	14.01	13.87	14.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	13.99	14.02	13.99	14.70
		1	271	13.98	13.91	13.85	14.70
		135	67	13.87	13.94	13.89	14.70
	DFT-s-OFDM 16QAM	1	1	13.96	13.87	13.75	14.70
		1	271	13.92	14.00	13.88	14.70
		135	67	13.85	13.85	13.89	14.70
	DFT-s-OFDM 64QAM	1	1	14.04	13.94	14.09	14.70
		1	271	14.09	14.07	14.19	14.70
		135	67	13.82	13.86	13.85	14.70
	DFT-s-OFDM 256QAM	1	1	13.85	13.74	13.73	14.70
		1	271	13.91	13.83	13.86	14.70
		135	67	13.63	13.74	13.81	14.70
	CP-OFDM QPSK	1	1	13.84	13.98	14.09	14.70
	CP-OFDM 16QAM	1	1	13.85	13.88	13.86	14.70
	CP-OFDM 64QAM	1	1	14.10	13.96	14.03	14.70
	CP-OFDM 256QAM	1	1	13.95	13.91	14.03	14.70

N41-ANT1 State20(Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	12.85	12.96	12.84	13.70
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	12.94	12.99	12.85	13.70
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	12.86	12.94	12.85	13.70
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	12.96	12.91	12.86	13.70
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	12.96	12.93	12.86	13.70
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	12.89	13.04	12.77	13.70
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	12.95	13.02	12.90	13.70
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	12.87	13.04	12.78	13.70
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	12.97	13.04	12.90	13.70
		1	271	12.91	12.85	12.78	13.70
		135	67	12.86	12.89	12.87	13.70
	DFT-s-OFDM 16QAM	1	1	12.92	12.80	12.71	13.70
		1	271	12.85	13.02	12.84	13.70
		135	67	12.76	12.86	12.87	13.70
	DFT-s-OFDM 64QAM	1	1	13.07	12.97	13.03	13.70
		1	271	13.09	13.10	13.12	13.70
		135	67	12.80	12.81	12.83	13.70
	DFT-s-OFDM 256QAM	1	1	12.76	12.65	12.64	13.70
		1	271	12.85	12.78	12.87	13.70
		135	67	12.66	12.75	12.78	13.70
	CP-OFDM QPSK	1	1	12.81	12.98	13.01	13.70
	CP-OFDM 16QAM	1	1	12.83	12.82	12.82	13.70
	CP-OFDM 64QAM	1	1	13.07	12.97	13.04	13.70
	CP-OFDM 256QAM	1	1	12.90	12.82	12.99	13.70

N41-ANT1 State17(Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	17.36	17.23	17.35	18.20
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	17.42	17.36	17.31	18.20
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	17.40	17.30	17.31	18.20
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	17.34	17.32	17.32	18.20
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	17.41	17.41	17.33	18.20
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	17.40	17.26	17.29	18.20
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	17.39	17.46	17.32	18.20
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	17.38	17.34	17.34	18.20
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	17.43	17.48	17.36	18.20
		1	271	17.46	17.36	17.33	18.20
		135	67	17.35	17.37	17.28	18.20
	DFT-s-OFDM 16QAM	1	1	17.29	17.35	17.47	18.20
		1	271	17.48	17.45	17.43	18.20
		135	67	17.44	17.40	17.47	18.20
	DFT-s-OFDM 64QAM	1	1	17.44	17.32	17.31	18.20
		1	271	17.55	17.45	17.48	18.20
		135	67	17.34	17.30	17.33	18.20
	DFT-s-OFDM 256QAM	1	1	17.07	17.21	17.36	18.20
		1	271	17.26	17.35	17.36	18.20
		135	67	17.33	17.21	17.28	18.20
	CP-OFDM QPSK	1	1	17.44	17.45	17.47	18.20
	CP-OFDM 16QAM	1	1	17.25	17.32	17.26	18.20
	CP-OFDM 64QAM	1	1	17.55	17.43	17.49	18.20
	CP-OFDM 256QAM	1	1	16.55	16.62	16.54	17.20

N41-ANT1 State19(Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up
		Frequency(MHz)		2506.2	2592.99	2679.99	power(dB
20	DFT-s-OFDM QPSK	1	1	16.37	16.39	16.22	17.20
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up
		Frequency(MHz)		2511	2592.99	2674.98	power(dB
30	DFT-s-OFDM QPSK	1	1	16.33	16.38	16.24	17.20
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up
		Frequency(MHz)		2516.01	2592.99	2670	power(dB
40	DFT-s-OFDM QPSK	1	1	16.40	16.37	16.21	17.20
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up
		Frequency(MHz)		2521.02	2592.99	2664.99	power(dB
50	DFT-s-OFDM QPSK	1	1	16.35	16.40	16.17	17.20
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up
		Frequency(MHz)		2526	2595.99	2659.98	power(dB
60	DFT-s-OFDM	1	1	16.29	16.34	16.30	17.20
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up
		Frequency(MHz)		2531.01	2592.99	2655	power(dB
70	DFT-s-OFDM QPSK	1	1	16.33	16.39	16.28	17.20
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up
		Frequency(MHz)		2536.02	2595.99	2649.99	power(dB
80	DFT-s-OFDM QPSK	1	1	16.29	16.46	16.27	17.20
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up
		Frequency(MHz)		2541	2595.99	2644.98	power(dB
90	DFT-s-OFDM QPSK	1	1	16.29	16.47	16.30	17.20
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up
				2546.01	2592.99	2640	power(dB
100	DFT-s-OFDM QPSK	1	1	16.42	16.47	16.30	17.20
		1	271	16.41	16.28	16.27	17.20
		135	67	16.30	16.34	16.28	17.20
	DFT-s-OFDM 16QAM	1	1	16.30	16.29	16.45	17.20
		1	271	16.40	16.36	16.40	17.20
		135	67	16.43	16.39	16.44	17.20
	DFT-s-OFDM 64QAM	1	1	16.35	16.31	16.32	17.20
		1	271	16.53	16.40	16.39	17.20
		135	67	16.31	16.21	16.36	17.20
	DFT-s-OFDM 256QAM	1	1	16.05	16.19	16.30	17.20
		1	271	16.19	16.33	16.34	17.20
		135	67	16.33	16.22	16.31	17.20
	CP-OFDM QPSK	1	1	16.37	16.48	16.50	17.20
	CP-OFDM 16QAM	1	1	16.23	16.23	16.26	17.20
	CP-OFDM 64QAM	1	1	16.57	16.42	16.47	17.20
	CP-OFDM 256QAM	1	1	15.54	15.53	15.55	17.20

N41-ANT3 Full Power (Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up power(dB
		Frequency(MHz)		2506.2	2592.99	2679.99	
20	DFT-s-OFDM QPSK	1	1	20.77	20.63	21.33	22.00
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up power(dB
		Frequency(MHz)		2511	2592.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.88	20.62	21.33	22.00
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2592.99	2670	
40	DFT-s-OFDM QPSK	1	1	20.88	20.66	21.28	22.00
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2592.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.77	20.63	21.37	22.00
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up power(dB
		Frequency(MHz)		2526	2595.99	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.86	20.53	21.35	22.00
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up power(dB
		Frequency(MHz)		2531.01	2592.99	2655	
70	DFT-s-OFDM QPSK	1	1	20.79	20.62	21.30	22.00
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2595.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	20.80	20.57	21.34	22.00
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up power(dB
		Frequency(MHz)		2541	2595.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.84	20.53	21.27	22.00
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up power(dB
				2546.01	2592.99	2640	
100	DFT-s-OFDM QPSK	1	1	20.88	21.40	20.66	22.00
		1	271	21.46	21.06	21.36	22.00
		135	67	20.78	21.50	21.30	22.00
	DFT-s-OFDM 16QAM	1	1	19.69	19.72	19.66	21.00
		1	271	19.31	19.26	19.22	21.00
		135	67	20.37	20.32	20.34	21.00
	DFT-s-OFDM 64QAM	1	1	18.57	18.56	18.44	19.50
		1	271	17.99	18.09	18.11	19.50
		135	67	18.83	18.82	18.84	19.50
	DFT-s-OFDM 256QAM	1	1	16.38	16.48	16.47	17.50
		1	271	16.64	16.66	16.67	17.50
		135	67	16.89	16.84	16.89	17.50
	CP-OFDM QPSK	1	1	19.17	19.23	19.26	20.50
	CP-OFDM 16QAM	1	1	18.91	18.98	18.96	20.00
	CP-OFDM 64QAM	1	1	17.08	17.12	17.08	18.50
	CP-OFDM 256QAM	1	1	14.28	14.25	14.16	15.50

N41-ANT3 State18 (Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up power(dB
		Frequency(MHz)		2506.2	2592.99	2679.99	
20	DFT-s-OFDM QPSK	1	1	18.81	18.62	19.30	20.00
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up power(dB
		Frequency(MHz)		2511	2592.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	18.68	18.55	19.29	20.00
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2592.99	2670	
40	DFT-s-OFDM QPSK	1	1	18.71	18.60	19.31	20.00
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2592.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	18.76	18.66	19.34	20.00
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up power(dB
		Frequency(MHz)		2526	2595.99	2659.98	
60	DFT-s-OFDM QPSK	1	1	18.81	18.59	19.30	20.00
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up power(dB
		Frequency(MHz)		2531.01	2592.99	2655	
70	DFT-s-OFDM QPSK	1	1	18.80	18.66	19.30	20.00
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2595.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	18.79	18.63	19.33	20.00
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up power(dB
		Frequency(MHz)		2541	2595.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	18.76	18.68	19.27	20.00
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up power(dB
				2546.01	2592.99	2640	
100	DFT-s-OFDM QPSK	1	1	18.81	19.36	18.68	20.00
		1	271	19.41	19.06	19.30	20.00
		135	67	18.75	19.50	19.34	20.00
	DFT-s-OFDM 16QAM	1	1	18.66	18.72	18.60	20.00
		1	271	18.28	18.24	18.18	20.00
		135	67	19.37	19.30	19.38	20.00
	DFT-s-OFDM 64QAM	1	1	18.60	18.47	18.35	19.50
		1	271	17.93	18.01	18.04	19.50
		135	67	18.76	18.78	18.81	19.50
	DFT-s-OFDM 256QAM	1	1	16.34	16.51	16.39	17.50
		1	271	16.55	16.70	16.61	17.50
		135	67	16.91	16.79	16.87	17.50
	CP-OFDM QPSK	1	1	18.63	18.76	18.72	20.00
	CP-OFDM 16QAM	1	1	18.84	18.99	18.93	20.00
	CP-OFDM 64QAM	1	1	17.08	17.10	17.08	18.50
	CP-OFDM 256QAM	1	1	14.23	14.28	14.07	15.50

N41-ANT3 State20 (Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up power(dB
		Frequency(MHz)		2506.2	2592.99	2679.99	
20	DFT-s-OFDM QPSK	1	1	16.01	15.97	16.03	17.00
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up power(dB
		Frequency(MHz)		2511	2592.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	15.98	15.98	16.06	17.00
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2592.99	2670	
40	DFT-s-OFDM QPSK	1	1	16.06	16.07	16.09	17.00
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2592.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	15.97	15.98	16.06	17.00
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up power(dB
		Frequency(MHz)		2526	2595.99	2659.98	
60	DFT-s-OFDM QPSK	1	1	15.96	16.05	16.06	17.00
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up power(dB
		Frequency(MHz)		2531.01	2592.99	2655	
70	DFT-s-OFDM QPSK	1	1	16.06	16.05	16.10	17.00
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2595.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	15.95	15.96	16.10	17.00
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up power(dB
		Frequency(MHz)		2541	2595.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	16.03	15.99	16.07	17.00
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up power(dB
				2546.01	2592.99	2640	
100	DFT-s-OFDM QPSK	1	1	16.07	16.10	16.09	17.00
		1	271	15.86	16.05	15.98	17.00
		135	67	15.92	16.06	15.97	17.00
	DFT-s-OFDM 16QAM	1	1	16.10	16.00	15.84	17.00
		1	271	16.05	16.14	16.00	17.00
		135	67	16.05	15.96	15.92	17.00
	DFT-s-OFDM 64QAM	1	1	16.00	15.82	16.09	17.00
		1	271	16.14	16.03	15.87	17.00
		135	67	15.88	16.08	16.14	17.00
	DFT-s-OFDM 256QAM	1	1	16.07	16.02	15.84	17.00
		1	271	16.09	15.99	15.95	17.00
		135	67	15.89	15.96	15.84	17.00
	CP-OFDM QPSK	1	1	15.82	16.02	15.87	17.00
	CP-OFDM 16QAM	1	1	15.98	15.86	16.03	17.00
	CP-OFDM 64QAM	1	1	16.13	15.81	16.12	17.00
	CP-OFDM 256QAM	1	1	14.21	14.18	14.08	15.50

N41-ANT3 State17 (Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up power(dB
		Frequency(MHz)		2506.2	2592.99	2679.99	
20	DFT-s-OFDM QPSK	1	1	20.77	20.63	21.33	22.00
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up power(dB
		Frequency(MHz)		2511	2592.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	20.88	20.62	21.33	22.00
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2592.99	2670	
40	DFT-s-OFDM QPSK	1	1	20.88	20.66	21.28	22.00
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2592.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	20.77	20.63	21.37	22.00
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up power(dB
		Frequency(MHz)		2526	2595.99	2659.98	
60	DFT-s-OFDM QPSK	1	1	20.86	20.53	21.35	22.00
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up power(dB
		Frequency(MHz)		2531.01	2592.99	2655	
70	DFT-s-OFDM QPSK	1	1	20.79	20.62	21.30	22.00
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2595.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	20.80	20.57	21.34	22.00
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up power(dB
		Frequency(MHz)		2541	2595.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	20.84	20.53	21.27	22.00
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up power(dB
				2546.01	2592.99	2640	
100	DFT-s-OFDM QPSK	1	1	20.88	21.40	20.66	22.00
		1	271	21.46	21.06	21.36	22.00
		135	67	20.78	21.50	21.30	22.00
	DFT-s-OFDM 16QAM	1	1	19.69	19.72	19.66	21.00
		1	271	19.31	19.26	19.22	21.00
		135	67	20.37	20.32	20.34	21.00
	DFT-s-OFDM 64QAM	1	1	18.57	18.56	18.44	19.50
		1	271	17.99	18.09	18.11	19.50
		135	67	18.83	18.82	18.84	19.50
	DFT-s-OFDM 256QAM	1	1	16.38	16.48	16.47	17.50
		1	271	16.64	16.66	16.67	17.50
		135	67	16.89	16.84	16.89	17.50
	CP-OFDM QPSK	1	1	19.17	19.23	19.26	20.50
	CP-OFDM 16QAM	1	1	18.91	18.98	18.96	20.00
	CP-OFDM 64QAM	1	1	17.08	17.12	17.08	18.50
	CP-OFDM 256QAM	1	1	14.28	14.25	14.16	15.50

N41-ANT3 State19 (Only for ENDC)

Bandwidth (MHz)		Channel		501204	518598	535998	Tune-up power(dB
		Frequency(MHz)		2506.2	2592.99	2679.99	
20	DFT-s-OFDM QPSK	1	1	19.54	19.59	19.75	21.00
Bandwidth (MHz)		Channel		502200	518598	534996	Tune-up power(dB
		Frequency(MHz)		2511	2592.99	2674.98	
30	DFT-s-OFDM QPSK	1	1	19.46	19.51	19.80	21.00
Bandwidth (MHz)		Channel		503202	518598	534000	Tune-up power(dB
		Frequency(MHz)		2516.01	2592.99	2670	
40	DFT-s-OFDM QPSK	1	1	19.48	19.58	19.78	21.00
Bandwidth (MHz)		Channel		504204	518598	532998	Tune-up power(dB
		Frequency(MHz)		2521.02	2592.99	2664.99	
50	DFT-s-OFDM QPSK	1	1	19.44	19.54	19.68	21.00
Bandwidth (MHz)		Channel		505200	518598	531996	Tune-up power(dB
		Frequency(MHz)		2526	2595.99	2659.98	
60	DFT-s-OFDM QPSK	1	1	19.53	19.57	19.79	21.00
Bandwidth (MHz)		Channel		506202	518598	531000	Tune-up power(dB
		Frequency(MHz)		2531.01	2592.99	2655	
70	DFT-s-OFDM QPSK	1	1	19.48	19.47	19.81	21.00
Bandwidth (MHz)		Channel		507204	518598	529998	Tune-up power(dB
		Frequency(MHz)		2536.02	2595.99	2649.99	
80	DFT-s-OFDM QPSK	1	1	19.46	19.49	19.75	21.00
Bandwidth (MHz)		Channel		508200	518598	528996	Tune-up power(dB
		Frequency(MHz)		2541	2595.99	2644.98	
90	DFT-s-OFDM QPSK	1	1	19.45	19.60	19.72	21.00
Bandwidth (MHz)		Channel		509202	518598	528000	Tune-up power(dB
				2546.01	2592.99	2640	
100	DFT-s-OFDM QPSK	1	1	19.57	20.35	19.81	21.00
		1	271	19.95	19.60	19.93	21.00
		135	67	19.73	20.31	19.59	21.00
	DFT-s-OFDM 16QAM	1	1	19.84	19.71	19.65	21.00
		1	271	19.65	19.44	19.49	21.00
		135	67	19.61	19.68	19.71	21.00
	DFT-s-OFDM 64QAM	1	1	18.38	18.38	18.36	19.50
		1	271	18.41	18.43	18.22	19.50
		135	67	18.35	18.48	18.37	19.50
	DFT-s-OFDM 256QAM	1	1	16.39	16.33	16.27	17.50
		1	271	16.18	16.11	16.26	17.50
		135	67	16.42	16.29	16.28	17.50
	CP-OFDM QPSK	1	1	19.48	19.36	19.40	20.50
	CP-OFDM 16QAM	1	1	18.30	18.42	18.43	20.00
	CP-OFDM 64QAM	1	1	16.97	16.95	17.09	18.50
	CP-OFDM 256QAM	1	1	14.31	14.10	14.36	15.50

8.5.5 NR Band66 Output Power

5G N66-State18-ANT0(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	22.54	23.52	23.44	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	22.57	23.47	23.41	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	22.57	23.45	23.46	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	**23.62**	23.54	23.49	24.20
		1	104	23.76	23.58	23.47	24.20
		50	25	23.52	23.75	23.78	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.67	22.62	23.20
		1	104	22.64	22.66	22.54	23.20
		50	25	22.54	22.53	22.47	23.20
	DFT-s-OFDM 64QAM	1	1	21.18	21.13	21.26	21.70
		1	104	21.13	21.22	21.13	21.70
		50	25	21.09	21.04	21.17	21.70
	DFT-s-OFDM 256QAM	1	1	18.93	18.97	18.82	19.70
		1	104	19.02	19.06	19.15	19.70
		50	25	18.95	18.89	18.81	19.70
	CP-OFDM QPSK	1	1	22.39	22.24	22.11	22.70
	CP-OFDM 16QAM	1	1	21.66	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.24	20.19	20.17	20.70
	CP-OFDM 256QAM	1	1	17.19	17.12	17.05	17.70

5G N66-State18&20 -ANT0(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	22.54	23.52	23.44	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	22.57	23.47	23.41	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	22.57	23.45	23.46	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	**23.62**	23.54	23.49	24.20
		1	104	23.76	23.58	23.47	24.20
		50	25	23.52	23.75	23.78	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.67	22.62	23.20
		1	104	22.64	22.66	22.54	23.20
		50	25	22.54	22.53	22.47	23.20
	DFT-s-OFDM 64QAM	1	1	21.18	21.13	21.26	21.70
		1	104	21.13	21.22	21.13	21.70
		50	25	21.09	21.04	21.17	21.70
	DFT-s-OFDM 256QAM	1	1	18.93	18.97	18.82	19.70
		1	104	19.02	19.06	19.15	19.70
		50	25	18.95	18.89	18.81	19.70
	CP-OFDM QPSK	1	1	22.39	22.24	22.11	22.70
	CP-OFDM 16QAM	1	1	21.66	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.24	20.19	20.17	20.70
	CP-OFDM 256QAM	1	1	17.19	17.12	17.05	17.70

5G N66-State17 -ANT0(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	22.54	23.52	23.44	24.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	22.57	23.47	23.41	24.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	22.57	23.45	23.46	24.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	**23.62**	23.54	23.49	24.20
		1	104	23.76	23.58	23.47	24.20
		50	25	23.52	23.75	23.78	24.20
	DFT-s-OFDM 16QAM	1	1	22.57	22.67	22.62	23.20
		1	104	22.64	22.66	22.54	23.20
		50	25	22.54	22.53	22.47	23.20
	DFT-s-OFDM 64QAM	1	1	21.18	21.13	21.26	21.70
		1	104	21.13	21.22	21.13	21.70
		50	25	21.09	21.04	21.17	21.70
	DFT-s-OFDM 256QAM	1	1	18.93	18.97	18.82	19.70
		1	104	19.02	19.06	19.15	19.70
		50	25	18.95	18.89	18.81	19.70
	CP-OFDM QPSK	1	1	22.39	22.24	22.11	22.70
	CP-OFDM 16QAM	1	1	21.66	21.58	21.56	22.20
	CP-OFDM 64QAM	1	1	20.24	20.19	20.17	20.70
	CP-OFDM 256QAM	1	1	17.19	17.12	17.05	17.70

5G N66-State17&19 -ANT0(Only for SA)

Bandwidth (MHz)		Channel		165300	167300	169300	Tune-up power(dBm)
		Frequency(MHz)		826.5	836.5	846.5	
5	DFT-s-OFDM BPSK	1	1	20.61	20.49	20.41	21.20
Bandwidth (MHz)		Channel		165800	167300	168800	Tune-up power(dBm)
		Frequency(MHz)		829	836.5	844	
10	DFT-s-OFDM BPSK	1	1	20.58	20.74	20.40	21.20
Bandwidth (MHz)		Channel		166300	167300	168300	Tune-up power(dBm)
		Frequency(MHz)		831.5	836.5	841.5	
15	DFT-s-OFDM BPSK	1	1	20.53	20.71	20.35	21.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dBm)
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	20.62	**20.78**	20.45	21.20
		1	104	20.82	20.63	20.48	21.20
		50	25	20.89	20.68	20.77	21.20
	DFT-s-OFDM 16QAM	1	1	20.53	20.58	20.63	21.20
		1	104	20.57	20.42	20.39	21.20
		50	25	20.59	20.49	20.57	21.20
	DFT-s-OFDM 64QAM	1	1	20.51	20.56	20.82	21.20
		1	104	20.77	20.88	20.54	21.20
		50	25	20.89	20.63	20.58	21.20
	DFT-s-OFDM 256QAM	1	1	19.04	18.97	19.05	19.70
		1	104	19.00	18.91	19.85	19.70
		50	25	18.99	18.84	18.90	19.70
	CP-OFDM QPSK	1	1	20.59	20.66	20.63	21.20
	CP-OFDM 16QAM	1	1	20.45	20.57	20.54	21.20
	CP-OFDM 64QAM	1	1	20.34	20.24	20.25	20.70
	CP-OFDM 256QAM	1	1	17.23	17.18	17.08	17.70

8.6.5 5G n66 Output Power

5G N66-Full Power (Only for SA)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.29	23.06	22.65	23.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	22.16	22.94	22.72	23.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	22.28	22.97	22.73	23.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	23.06	**22.99**	22.79	23.70
		1	104	22.66	22.78	22.62	23.70
		50	25	22.63	22.61	22.99	23.70
	DFT-s-OFDM 16QAM	1	1	22.09	21.96	21.97	22.70
		1	104	21.99	21.98	21.94	22.70
		50	25	22.04	21.90	21.82	22.70
	DFT-s-OFDM 64QAM	1	1	20.29	20.21	20.19	21.20
		1	104	20.31	20.32	20.32	21.20
		50	25	20.43	20.28	20.35	21.20
	DFT-s-OFDM 256QAM	1	1	18.20	18.33	18.48	19.20
		1	104	18.22	18.21	18.12	19.20
		50	25	18.20	18.31	18.38	19.20
	CP-OFDM QPSK	1	1	21.44	21.58	21.69	22.20
	CP-OFDM 16QAM	1	1	20.99	20.94	20.96	21.70
	CP-OFDM 64QAM	1	1	19.49	19.52	19.65	20.20
	CP-OFDM 256QAM	1	1	16.36	16.51	16.38	17.20

5G N66-State18 (Only for SA)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	16.28	16.24	16.36	17.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	16.27	16.31	16.30	17.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	16.23	16.31	16.41	17.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	16.31	16.34	16.45	17.20
		1	104	16.60	16.37	16.22	17.20
		50	25	16.63	16.68	16.48	17.20
	DFT-s-OFDM 16QAM	1	1	16.47	16.34	16.40	17.20
		1	104	16.49	16.42	16.32	17.20
		50	25	16.41	16.37	16.42	17.20
	DFT-s-OFDM 64QAM	1	1	16.25	16.18	16.09	17.20
		1	104	16.11	16.22	16.27	17.20
		50	25	16.20	16.25	16.35	17.20
	DFT-s-OFDM 256QAM	1	1	16.28	16.20	16.24	17.20
		1	104	16.02	16.10	16.09	17.20
		50	25	16.28	16.32	16.32	17.20
	CP-OFDM QPSK	1	1	16.25	16.40	16.25	17.20
	CP-OFDM 16QAM	1	1	16.29	16.32	16.40	17.20
	CP-OFDM 64QAM	1	1	16.32	16.36	16.33	17.20
	CP-OFDM 256QAM	1	1	16.67	16.62	16.58	17.20

5G N66-State20 (Only for SA)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	14.63	14.71	14.63	15.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	14.67	14.70	14.72	15.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	14.71	14.68	14.78	15.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	14.72	14.78	14.86	15.70
		1	104	14.88	14.79	14.88	15.70
		50	25	15.06	15.14	14.86	15.70
	DFT-s-OFDM 16QAM	1	1	14.65	14.68	14.68	15.70
		1	104	14.91	14.82	14.80	15.70
		50	25	14.81	14.76	14.64	15.70
	DFT-s-OFDM 64QAM	1	1	14.95	15.08	15.04	15.70
		1	104	14.98	15.10	15.19	15.70
		50	25	15.15	15.05	15.18	15.70
	DFT-s-OFDM 256QAM	1	1	14.80	14.88	14.73	15.70
		1	104	14.97	14.89	14.98	15.70
		50	25	14.77	14.94	14.73	15.70
	CP-OFDM QPSK	1	1	14.71	14.80	14.74	15.70
	CP-OFDM 16QAM	1	1	14.87	14.96	14.86	15.70
	CP-OFDM 64QAM	1	1	14.77	14.76	14.84	15.70
	CP-OFDM 256QAM	1	1	14.94	14.99	15.01	15.70

5G N66-State17 (Only for SA)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	20.02	20.11	19.72	20.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	19.96	20.05	19.69	20.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	20.02	20.10	19.71	20.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	20.08	20.13	19.76	20.70
		1	104	20.07	20.09	19.74	20.70
		50	25	19.97	20.14	19.73	20.70
	DFT-s-OFDM 16QAM	1	1	20.04	19.94	19.79	20.70
		1	104	19.96	20.00	19.87	20.70
		50	25	19.87	19.94	20.04	20.70
	DFT-s-OFDM 64QAM	1	1	20.03	19.91	19.78	20.70
		1	104	20.17	20.02	20.29	20.70
		50	25	19.92	19.91	20.20	20.70
	DFT-s-OFDM 256QAM	1	1	18.21	18.28	18.34	19.20
		1	104	18.54	18.42	18.40	19.20
		50	25	18.17	18.30	18.43	19.20
	CP-OFDM QPSK	1	1	20.07	19.65	20.09	20.70
	CP-OFDM 16QAM	1	1	19.64	19.50	19.54	20.20
	CP-OFDM 64QAM	1	1	19.61	19.56	19.61	20.20
	CP-OFDM 256QAM	1	1	16.50	16.53	16.57	17.20

5G N66-State19 (Only for SA

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.11	19.01	18.63	19.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	19.04	18.95	18.71	19.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	18.91	18.96	18.76	19.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	19.13	19.03	18.77	19.70
		1	104	19.15	18.94	18.82	19.70
		50	25	19.12	19.16	18.95	19.70
	DFT-s-OFDM 16QAM	1	1	18.82	18.90	18.76	19.70
		1	104	18.94	18.89	18.98	19.70
		50	25	18.89	18.97	19.07	19.70
	DFT-s-OFDM 64QAM	1	1	19.03	18.90	19.16	19.70
		1	104	19.05	19.03	18.95	19.70
		50	25	18.86	19.28	19.24	19.70
	DFT-s-OFDM 256QAM	1	1	18.32	18.27	18.35	19.20
		1	104	18.46	18.40	18.34	19.20
		50	25	18.42	18.32	18.24	19.20
	CP-OFDM QPSK	1	1	19.06	19.02	19.15	19.70
	CP-OFDM 16QAM	1	1	18.72	18.87	19.00	19.70
	CP-OFDM 64QAM	1	1	19.12	18.97	18.82	19.70
	CP-OFDM 256QAM	1	1	16.48	16.46	16.47	17.20

5G N66-Full Power (Only for ENDC)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	22.29	23.06	22.65	23.70
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	22.16	22.94	22.72	23.70
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	22.28	22.97	22.73	23.70
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	23.06	**22.99**	22.79	23.70
		1	104	22.66	22.78	22.62	23.70
		50	25	22.63	22.61	22.99	23.70
	DFT-s-OFDM 16QAM	1	1	22.09	21.96	21.97	22.70
		1	104	21.99	21.98	21.94	22.70
		50	25	22.04	21.90	21.82	22.70
	DFT-s-OFDM 64QAM	1	1	20.29	20.21	20.19	21.20
		1	104	20.31	20.32	20.32	21.20
		50	25	20.43	20.28	20.35	21.20
	DFT-s-OFDM 256QAM	1	1	18.20	18.33	18.48	19.20
		1	104	18.22	18.21	18.12	19.20
		50	25	18.20	18.31	18.38	19.20
	CP-OFDM QPSK	1	1	21.44	21.58	21.69	22.20
	CP-OFDM 16QAM	1	1	20.99	20.94	20.96	21.70
	CP-OFDM 64QAM	1	1	19.49	19.52	19.65	20.20
	CP-OFDM 256QAM	1	1	16.36	16.51	16.38	17.20

5G N66-State18 (Only for ENDC)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	15.28	15.28	15.26	16.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	15.28	15.28	15.25	16.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	15.26	15.20	15.26	16.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	15.36	15.31	15.40	16.20
		1	104	15.41	15.40	15.03	16.20
		50	25	15.50	15.69	15.35	16.20
	DFT-s-OFDM 16QAM	1	1	15.38	15.43	15.45	16.20
		1	104	15.33	15.51	15.20	16.20
		50	25	15.32	15.20	15.37	16.20
	DFT-s-OFDM 64QAM	1	1	15.15	14.99	15.07	16.20
		1	104	15.20	15.21	15.17	16.20
		50	25	15.14	15.07	15.39	16.20
	DFT-s-OFDM 256QAM	1	1	15.20	15.15	15.07	16.20
		1	104	14.99	15.06	15.12	16.20
		50	25	15.16	15.35	15.40	16.20
	CP-OFDM QPSK	1	1	15.23	15.44	15.12	16.20
	CP-OFDM 16QAM	1	1	15.27	15.30	15.46	16.20
	CP-OFDM 64QAM	1	1	15.23	15.28	15.19	16.20
	CP-OFDM 256QAM	1	1	15.66	15.68	15.52	16.20

5G N66-State20 (Only for ENDC)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	13.20	12.99	13.23	14.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	13.16	13.04	13.16	14.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	13.17	13.09	13.23	14.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	13.23	13.12	13.25	14.20
		1	104	13.45	13.30	13.31	14.20
		50	25	13.47	13.59	13.21	14.20
	DFT-s-OFDM 16QAM	1	1	13.13	13.09	13.10	14.20
		1	104	13.28	13.16	13.35	14.20
		50	25	13.26	13.25	12.98	14.20
	DFT-s-OFDM 64QAM	1	1	13.48	13.67	13.39	14.20
		1	104	13.55	13.66	13.68	14.20
		50	25	13.70	13.54	13.63	14.20
	DFT-s-OFDM 256QAM	1	1	13.34	13.19	13.08	14.20
		1	104	13.29	13.26	13.50	14.20
		50	25	13.16	13.35	13.18	14.20
	CP-OFDM QPSK	1	1	13.06	13.21	13.11	14.20
	CP-OFDM 16QAM	1	1	13.43	13.41	13.22	14.20
	CP-OFDM 64QAM	1	1	13.17	13.21	13.28	14.20
	CP-OFDM 256QAM	1	1	13.28	13.44	13.50	14.20

5G N66-State17 (Only for ENDC)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	19.26	19.51	19.20	20.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	19.36	19.39	19.14	20.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	19.37	19.43	19.14	20.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	19.41	19.51	19.29	20.20
		1	104	19.41	19.66	19.22	20.20
		50	25	19.30	19.63	19.13	20.20
	DFT-s-OFDM 16QAM	1	1	19.43	19.27	19.30	20.20
		1	104	19.47	19.55	19.33	20.20
		50	25	19.25	19.32	19.50	20.20
	DFT-s-OFDM 64QAM	1	1	19.39	19.40	19.28	20.20
		1	104	19.49	19.42	19.63	20.20
		50	25	19.28	19.24	19.61	20.20
	DFT-s-OFDM 256QAM	1	1	18.24	18.30	18.43	19.20
		1	104	18.49	18.48	18.37	19.20
		50	25	18.10	18.30	18.37	19.20
	CP-OFDM QPSK	1	1	19.39	19.02	19.53	20.20
	CP-OFDM 16QAM	1	1	19.67	19.59	19.62	20.20
	CP-OFDM 64QAM	1	1	19.49	19.38	19.49	20.20
	CP-OFDM 256QAM	1	1	16.31	16.49	16.50	17.20

5G N66-State19 (Only for ENDC)

Bandwidth (MHz)		Channel		342500	349000	355500	Tune-up power(dB
		Frequency(MHz)		1712.5	1745	1777.5	
5	DFT-s-OFDM	1	1	18.66	18.26	18.04	19.20
Bandwidth (MHz)		Channel		343000	349000	355000	Tune-up power(dB
		Frequency(MHz)		1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	18.63	18.30	18.01	19.20
Bandwidth (MHz)		Channel		343500	349000	354500	Tune-up power(dB
		Frequency(MHz)		1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	18.63	18.33	18.10	19.20
Bandwidth (MHz)		Channel		344000	349000	354000	Tune-up power(dB
		Frequency(MHz)		1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	18.41	18.69	18.12	19.20
		1	104	18.52	18.43	18.40	19.20
		50	25	18.51	18.61	18.44	19.20
	DFT-s-OFDM 16QAM	1	1	18.15	18.21	18.34	19.20
		1	104	18.47	18.32	18.44	19.20
		50	25	18.46	18.56	18.47	19.20
	DFT-s-OFDM 64QAM	1	1	18.50	18.40	18.52	19.20
		1	104	18.44	18.50	18.48	19.20
		50	25	18.28	18.84	18.67	19.20
	DFT-s-OFDM 256QAM	1	1	18.13	18.12	18.43	19.20
		1	104	18.42	18.42	18.42	19.20
		50	25	18.33	18.31	18.32	19.20
	CP-OFDM QPSK	1	1	18.43	18.43	18.67	19.20
	CP-OFDM 16QAM	1	1	18.14	18.30	18.46	19.20
	CP-OFDM 64QAM	1	1	18.61	18.34	18.21	19.20
	CP-OFDM 256QAM	1	1	16.34	16.42	16.48	17.20

5G N66-Full Power (Only for ENDC)

Bandwidth (MHz)		Channel	342500	346000	355000	Tune-up power(dB)
		Frequency(MHz)	1712.5	1745	1777.5	
5	DFT-s-OFDM BPSK	1	1	21.34	21.35	21.21	22.50
Bandwidth (MHz)		Channel	343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)	1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	21.40	21.21	21.13	22.50
Bandwidth (MHz)		Channel	343500	349500	354500	Tune-up power(dB)
		Frequency(MHz)	1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.09	22.50
Bandwidth (MHz)		Channel	344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.42	**21.36**	21.23	22.50
		1	104	21.34	21.25	21.08	22.50
		50	56	20.69	20.61	20.85	22.50
	DFT-s-OFDM 16QAM	1	1	20.29	20.38	20.33	21.50
		1	104	20.12	20.09	20.10	21.50
		50	56	20.18	20.17	20.08	21.50
	DFT-s-OFDM 64QAM	1	1	19.00	19.02	18.94	20.00
		1	104	18.72	18.82	18.86	20.00
		50	56	18.63	18.73	18.73	20.00
	DFT-s-OFDM 256QAM	1	1	16.94	16.93	16.96	18.00
		1	104	16.67	16.76	16.59	18.00
		50	56	16.67	16.72	16.62	18.00
	CP-OFDM QPSK	1	1	19.79	19.87	19.88	21.00
	CP-OFDM 16QAM	1	1	19.05	19.12	19.16	20.50
	CP-OFDM 64QAM	1	1	17.50	17.52	17.39	19.00
	CP-OFDM 256QAM	1	1	14.85	14.98	14.88	16.00

5G N66-State16 (Only for ENDC)

Bandwidth (MHz)		Channel	342500	346000	355000	Tune-up power(dB)
		Frequency(MHz)	1712.5	1745	1777.5	
5	DFT-s-OFDM BPSK	1	1	21.34	21.35	21.21	22.50
Bandwidth (MHz)		Channel	343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)	1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	21.40	21.21	21.13	22.50
Bandwidth (MHz)		Channel	343500	349500	354500	Tune-up power(dB)
		Frequency(MHz)	1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.09	22.50
Bandwidth (MHz)		Channel	344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.42	**21.36**	21.23	22.50
		1	104	21.34	21.25	21.08	22.50
		50	56	20.69	20.61	20.85	22.50
	DFT-s-OFDM 16QAM	1	1	20.29	20.38	20.33	21.50
		1	104	20.12	20.09	20.10	21.50
		50	56	20.18	20.17	20.08	21.50
	DFT-s-OFDM 64QAM	1	1	19.00	19.02	18.94	20.00
		1	104	18.72	18.82	18.86	20.00
		50	56	18.63	18.73	18.73	20.00
	DFT-s-OFDM 256QAM	1	1	16.94	16.93	16.96	18.00
		1	104	16.67	16.76	16.59	18.00
		50	56	16.67	16.72	16.62	18.00
	CP-OFDM QPSK	1	1	19.79	19.87	19.88	21.00
	CP-OFDM 16QAM	1	1	19.05	19.12	19.16	20.50
	CP-OFDM 64QAM	1	1	17.50	17.52	17.39	19.00
	CP-OFDM 256QAM	1	1	14.85	14.98	14.88	16.00

5G N66-State20 (Only for ENDC)

Bandwidth (MHz)		Channel	342500	346000	355000	Tune-up power(dB)
		Frequency(MHz)	1712.5	1745	1777.5	
5	DFT-s-OFDM BPSK	1	1	21.34	21.35	21.21	22.50
Bandwidth (MHz)		Channel	343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)	1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	21.40	21.21	21.13	22.50
Bandwidth (MHz)		Channel	343500	349500	354500	Tune-up power(dB)
		Frequency(MHz)	1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.09	22.50
Bandwidth (MHz)		Channel	344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.42	**21.36**	21.23	22.50
		1	104	21.34	21.25	21.08	22.50
		50	56	20.69	20.61	20.85	22.50
	DFT-s-OFDM 16QAM	1	1	20.29	20.38	20.33	21.50
		1	104	20.12	20.09	20.10	21.50
		50	56	20.18	20.17	20.08	21.50
	DFT-s-OFDM 64QAM	1	1	19.00	19.02	18.94	20.00
		1	104	18.72	18.82	18.86	20.00
		50	56	18.63	18.73	18.73	20.00
	DFT-s-OFDM 256QAM	1	1	16.94	16.93	16.96	18.00
		1	104	16.67	16.76	16.59	18.00
		50	56	16.67	16.72	16.62	18.00
	CP-OFDM QPSK	1	1	19.79	19.87	19.88	21.00
	CP-OFDM 16QAM	1	1	19.05	19.12	19.16	20.50
	CP-OFDM 64QAM	1	1	17.50	17.52	17.39	19.00
	CP-OFDM 256QAM	1	1	14.85	14.98	14.88	16.00

5G N66-State17 (Only for ENDC)

Bandwidth (MHz)		Channel	342500	346000	355000	Tune-up power(dB)
		Frequency(MHz)	1712.5	1745	1777.5	
5	DFT-s-OFDM BPSK	1	1	21.34	21.35	21.21	22.50
Bandwidth (MHz)		Channel	343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)	1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	21.40	21.21	21.13	22.50
Bandwidth (MHz)		Channel	343500	349500	354500	Tune-up power(dB)
		Frequency(MHz)	1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.09	22.50
Bandwidth (MHz)		Channel	344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.42	**21.36**	21.23	22.50
		1	104	21.34	21.25	21.08	22.50
		50	56	20.69	20.61	20.85	22.50
	DFT-s-OFDM 16QAM	1	1	20.29	20.38	20.33	21.50
		1	104	20.12	20.09	20.10	21.50
		50	56	20.18	20.17	20.08	21.50
	DFT-s-OFDM 64QAM	1	1	19.00	19.02	18.94	20.00
		1	104	18.72	18.82	18.86	20.00
		50	56	18.63	18.73	18.73	20.00
	DFT-s-OFDM 256QAM	1	1	16.94	16.93	16.96	18.00
		1	104	16.67	16.76	16.59	18.00
		50	56	16.67	16.72	16.62	18.00
	CP-OFDM QPSK	1	1	19.79	19.87	19.88	21.00
	CP-OFDM 16QAM	1	1	19.05	19.12	19.16	20.50
	CP-OFDM 64QAM	1	1	17.50	17.52	17.39	19.00
	CP-OFDM 256QAM	1	1	14.85	14.98	14.88	16.00

5G N66-State19 (Only for ENDC)

Bandwidth (MHz)		Channel	342500	346000	355000	Tune-up power(dB)
		Frequency(MHz)	1712.5	1745	1777.5	
5	DFT-s-OFDM BPSK	1	1	21.34	21.35	21.21	22.50
Bandwidth (MHz)		Channel	343000	349000	355000	Tune-up power(dB)
		Frequency(MHz)	1715	1745	1775	
10	DFT-s-OFDM BPSK	1	1	21.40	21.21	21.13	22.50
Bandwidth (MHz)		Channel	343500	349500	354500	Tune-up power(dB)
		Frequency(MHz)	1717.5	1745	1772.5	
15	DFT-s-OFDM BPSK	1	1	21.39	21.30	21.09	22.50
Bandwidth (MHz)		Channel	344000	349000	354000	Tune-up power(dB)
		Frequency(MHz)	1720	1745	1770	
20	DFT-s-OFDM QPSK	1	1	21.42	**21.36**	21.23	22.50
		1	104	21.34	21.25	21.08	22.50
		50	56	20.69	20.61	20.85	22.50
	DFT-s-OFDM 16QAM	1	1	20.29	20.38	20.33	21.50
		1	104	20.12	20.09	20.10	21.50
		50	56	20.18	20.17	20.08	21.50
	DFT-s-OFDM 64QAM	1	1	19.00	19.02	18.94	20.00
		1	104	18.72	18.82	18.86	20.00
		50	56	18.63	18.73	18.73	20.00
	DFT-s-OFDM 256QAM	1	1	16.94	16.93	16.96	18.00
		1	104	16.67	16.76	16.59	18.00
		50	56	16.67	16.72	16.62	18.00
	CP-OFDM QPSK	1	1	19.79	19.87	19.88	21.00
	CP-OFDM 16QAM	1	1	19.05	19.12	19.16	20.50
	CP-OFDM 64QAM	1	1	17.50	17.52	17.39	19.00
	CP-OFDM 256QAM	1	1	14.85	14.98	14.88	16.00