

5 Conducted Power of LTE Uplink CA

5.1 Conducted Power of LTE Uplink CA(Ant1)

CA_7C DSI1&2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.35	25.50
21100	20902	QPSK	1	0	1	99	2	0	24.57	25.50
21350	21152	QPSK	1	0	1	99	2	0	24.3	25.50
20850	21048	QPSK	50	0	0	0	1	0	23.28	24.50
21100	20902	QPSK	50	0	1	49	2	0	23.36	24.50
21350	21152	QPSK	50	0	1	49	2	0	23.3	24.50

CA_7C DSI3&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	18.5	19.50
21100	20902	QPSK	1	0	1	99	2	0	18.5	19.50
21350	21152	QPSK	1	0	1	99	2	0	18.38	19.50
20850	21048	QPSK	50	0	0	0	1	0	18.38	19.50
21100	20902	QPSK	50	0	1	49	2	0	18.4	19.50
21350	21152	QPSK	50	0	1	49	2	0	18.38	19.50

CA_38C DSI1&2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.1	25.50
37901	38099	QPSK	1	0	1	99	2	0	24.23	25.50
38150	37952	QPSK	1	0	1	99	2	0	24.16	25.50
37850	38048	QPSK	50	0	0	0	1	0	23.08	24.50
37901	38099	QPSK	50	0	1	49	2	0	23.01	24.50
38150	37952	QPSK	50	0	1	49	2	0	23	24.50

CA_38C DSI3&4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	20.64	22.00
37901	38099	QPSK	1	0	1	99	2	0	20.92	22.00
38150	37952	QPSK	1	0	1	99	2	0	20.82	22.00
37850	38048	QPSK	50	0	0	0	1	0	20.79	22.00
37901	38099	QPSK	50	0	1	49	2	0	20.83	22.00

38150	37952	QPSK	50	0	1	49	2	0	20.71	22.00
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5.2 Conducted Power of LTE Uplink CA(Ant4)

CA_7C DSI1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	16.31	17.50
21100	20902	QPSK	1	0	1	99	2	0	16.38	17.50
21350	21152	QPSK	1	0	1	99	2	0	16.21	17.50
20850	21048	QPSK	50	0	0	0	1	0	16.25	17.50
21100	20902	QPSK	50	0	1	49	2	0	16.35	17.50
21350	21152	QPSK	50	0	1	49	2	0	16.22	17.50
CA_7C DSI2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	24.39	25.50
21100	20902	QPSK	1	0	1	99	2	0	24.34	25.50
21350	21152	QPSK	1	0	1	99	2	0	24.41	25.50
20850	21048	QPSK	50	0	0	0	1	0	23.36	24.50
21100	20902	QPSK	50	0	1	49	2	0	23.31	24.50
21350	21152	QPSK	50	0	1	49	2	0	23.33	24.50
CA_7C DSI4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
20850	21048	QPSK	1	0	0	0	1	0	17.26	18.50
21100	20902	QPSK	1	0	1	99	2	0	17.41	18.50
21350	21152	QPSK	1	0	1	99	2	0	17.14	18.50
20850	21048	QPSK	50	0	0	0	1	0	17.28	18.50
21100	20902	QPSK	50	0	1	49	2	0	17.33	18.50
21350	21152	QPSK	50	0	1	49	2	0	17.24	18.50

CA_38C DSI1										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				

37850	38048	QPSK	1	0	0	0	1	0	19.04	20.00
37901	38099	QPSK	1	0	1	99	2	0	19.04	20.00
38150	37952	QPSK	1	0	1	99	2	0	19	20.00
37850	38048	QPSK	50	0	0	0	1	0	18.93	20.00
37901	38099	QPSK	50	0	1	49	2	0	19.02	20.00
38150	37952	QPSK	50	0	1	49	2	0	18.96	20.00
CA_38C DSI2										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	24.26	25.00
37901	38099	QPSK	1	0	1	99	2	0	24.32	25.00
38150	37952	QPSK	1	0	1	99	2	0	24.24	25.00
37850	38048	QPSK	50	0	0	0	1	0	23.1	24.00
37901	38099	QPSK	50	0	1	49	2	0	23.13	24.00
38150	37952	QPSK	50	0	1	49	2	0	23.21	24.00
CA_38C DSI4										
Combination 20MHz+20MHz (100RB+100RB)										
PCC Channel	SCC Channel	Modulation	PCC		SCC		Total RB Size	Target MPR Level (dB)	Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset				
37850	38048	QPSK	1	0	0	0	1	0	19.44	20.50
37901	38099	QPSK	1	0	1	99	2	0	19.56	20.50
38150	37952	QPSK	1	0	1	99	2	0	19.52	20.50
37850	38048	QPSK	50	0	0	0	1	0	19.47	20.50
37901	38099	QPSK	50	0	1	49	2	0	19.43	20.50
38150	37952	QPSK	50	0	1	49	2	0	19.41	20.50

6 Conducted Power of LTE Downlink CA

CA List	PCC								SCC1				Power	
	LTE	Ant	BW (MHz)	UL	UL	Mod.	UL#	UL RB Offset	LTE	BW	DL	DL	With CA	Without CA
	Band			Freq. (MHz)	Channel		RB		Band	(MHz)	Freq. (MHz)	Channel	Tx. Power (dBm)	Tx. Power (dBm)
CA_2A-2A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	5M	1987.5	1175	24.42	24.64
CA_2A-4A	Band 2	1	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	24.47	24.64
	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 2	20M	1960	900	24.69	24.91
CA_2A-5A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.39	24.64
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.62	24.79
CA_2A-7A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 7	20M	2655	3100	24.45	24.64
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 2	20M	1960	900	24.44	24.65
CA_2A-66A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 66	20M	2164.8	66984	24.44	24.64
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 2	20M	1960	900	24.8	24.98
CA_2C	Band 2	1	20M	1880	18900	QPSK	1	0	Band 2	20M	1979.8	1098	24.45	24.64
CA_2A-26A	Band 2	1	20M	1880	18900	QPSK	1	0	Band 26	15M	876.5	8865	24.38	24.64
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 2	5M	1987.5	1175	24.94	25.09
CA_4A-4A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 4	5M	2152.5	2375	24.76	24.91
CA_4A-5A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	24.74	24.91
	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.62	24.79
CA_4A-7A	Band 4	1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	24.75	24.91
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	24.41	24.65
CA_5A-7A	Band 5	1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.49	24.79
	Band 7	1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	24.39	24.65
CA_7A-26A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 26	15M	876.5	8865	24.37	24.65
	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 7	20M	2655	3100	24.81	25.09
CA_7A-66A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 66	20M	2145	66786	24.39	24.65
	Band 66	1	20M	1745	132322	QPSK	1	0	Band 7	20M	2655	3100	24.77	24.98
CA_7C	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	24.43	24.65
CA_26A-38A	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 38	20M	2604.9	38099	24.91	25.09
	Band 38	1	20M	2585.1	37901	QPSK	1	0	Band 26	15M	876.5	8865	24.33	24.55
CA_26A-41A	Band 26	1	15M	831.5	26865	QPSK	1	0	Band 41	20M	2593	40620	24.87	25.09
	Band 41	1	20M	2593	40620	QPSK	1	0	Band 26	15M	876.5	8865	24.48	24.68
CA_38C	Band 38	1	20M	2585.1	37901	QPSK	1	0	Band 38	20M	2604.9	38099	24.32	24.55
CA_41C	Band 41	1	20M	2593	40620	QPSK	1	0	Band 41	20M	2612.8	40818	24.45	24.68
CA_66C	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	20M	2164.8	66984	24.74	24.98
CA_66B	Band 66	1	15M	1745	132322	QPSK	1	0	Band 66	5M	2164.3	66979	24.8	24.98
CA_7A-7A	Band 7	1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	24.36	24.65

CA_66A-66A	Band 66	1	20M	1745	132322	QPSK	1	0	Band 66	5M	2177.5	67111	24.77	24.98
CA_41A-41A	Band 41	1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.56	24.68

7 Conducted Power of NR Antenna

7.1 Conducted Power of NR Antenna (Ant1)

N5 DSI1&2&3&4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				166800	167300	167800		
				834	836.5	839		
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.11	24.07	24.13	25.50	
		1	53	24.16	24.15	24.14	25.50	
		1	104	23.98	23.93	24.04	25.50	
		50	0	23.64	23.65	23.49	25.00	
		50	28	24.17	24.21	24.19	25.50	
		50	56	23.62	23.67	23.57	25.00	
			100	0	23.64	23.64	23.73	25.00
		DFT-s-OFDM QPSK	1	1	24.34	24.40	24.38	25.50
			1	53	24.07	24.09	24.10	25.50
			1	104	23.91	23.95	24.02	25.50
			50	0	23.12	23.16	23.23	24.50
			50	28	24.17	24.29	24.19	25.50
			50	56	23.08	23.05	23.13	24.50
			100	0	23.05	23.15	23.25	24.50
	DFT-s-OFDM 16QAM	1	1	23.08	23.00	23.06	24.50	
	DFT-s-OFDM 64QAM	1	1	21.50	21.52	21.67	23.00	
	DFT-s-OFDM 256QAM	1	1	19.58	19.56	19.67	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349500	355000		
20MHz	CP-OFDM QPSK	1	1	22.02	21.98	22.03	23.00	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	24.14	24.19	24.13	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	24.08	24.12	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	24.15	24.13	24.12	25.50

N5 DSI1&2&3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.96	23.97	24.09	25.50
		1	26	24.02	23.98	23.91	25.50
		1	49	23.83	23.87	23.92	25.50
		25	0	23.49	23.42	23.46	25.00
		25	13	24.06	24.08	24.17	25.50
		25	26	23.59	23.58	23.46	25.00
	DFT-s-OFDM QPSK	50	0	23.51	23.61	23.55	25.00
		1	1	24.16	24.22	24.25	25.50
		1	26	23.91	24.04	24.00	25.50
		1	49	23.86	23.78	23.84	25.50
		25	0	23.13	23.15	23.12	24.50
		25	13	24.15	24.25	24.21	25.50
	DFT-s-OFDM 16QAM	25	26	22.96	23.02	23.03	24.50
		50	0	23.05	23.08	23.15	24.50
		1	1	22.98	22.89	22.99	24.50
	DFT-s-OFDM 64QAM	1	1	21.50	21.50	21.58	23.00
		1	1	19.49	19.51	19.45	21.00
	DFT-s-OFDM 256QAM	1	1	19.49	19.51	19.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.94	21.94	21.95	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	24.00	23.99	24.01	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	24.07	23.96	24.03	25.50

N7 DSI1&2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.46	24.40	24.54	25.50
		1	135	24.54	24.52	24.40	25.50
		1	268	24.36	24.30	24.31	25.50
		135	0	23.89	23.97	23.89	25.00
		135	68	24.56	24.61	24.60	25.50
		135	135	24.03	24.04	23.90	25.00
		270	0	24.00	24.04	24.10	25.00
	DFT-s-OFDM QPSK	1	1	24.68	24.77	24.76	25.50
		1	135	24.38	24.51	24.38	25.50
		1	268	24.39	24.35	24.42	25.50
		135	0	23.49	23.61	23.64	24.50
		135	68	24.56	24.65	24.62	25.50
		135	135	23.50	23.38	23.57	24.50
		270	0	23.37	23.62	23.60	24.50
	DFT-s-OFDM 16QAM	1	1	23.45	23.35	23.43	24.50
	DFT-s-OFDM 64QAM	1	1	21.95	21.85	22.02	23.00
	DFT-s-OFDM 256QAM	1	1	20.01	19.91	20.00	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
50MHz	CP-OFDM QPSK	1	1	505000	507000	509000	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	504000	507000	510000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	503500	507000	510500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	503000	507000	511000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	502500	507000	511500	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	502000	507000	512000	25.50

				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.24	24.16	24.33	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.21	24.24	24.28	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.26	24.23	24.27	25.50

N7 DSI1&2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.36	24.41	24.36	25.50
		1	67	24.43	24.41	24.27	25.50
		1	131	24.23	24.20	24.25	25.50
		64	0	23.87	23.80	23.77	25.00
		64	35	24.50	24.41	24.57	25.50
		64	69	23.88	23.94	23.82	25.00
	DFT-s-OFDM QPSK	128	0	23.80	23.91	23.89	25.00
		1	1	24.48	24.59	24.58	25.50
		1	67	24.23	24.37	24.31	25.50
		1	131	24.26	24.24	24.24	25.50
		64	0	23.35	23.48	23.44	24.50
		64	35	24.44	24.49	24.57	25.50
	DFT-s-OFDM 16QAM	64	69	23.37	23.28	23.41	24.50
		128	0	23.30	23.42	23.41	24.50
		1	1	23.36	23.36	23.32	24.50
	DFT-s-OFDM 64QAM	1	1	21.73	21.77	21.83	23.00
	DFT-s-OFDM 256QAM	1	1	19.83	19.83	19.93	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.98	22.00	22.03	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	24.06	24.06	24.25	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	24.09	24.11	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	

30MHz	DFT-s-OFDM QPSK	1	1	24.10	24.10	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.08	24.11	24.20	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.17	24.16	24.17	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.08	24.17	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.05	24.20	25.50

N7 DSI3&4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.52	19.61	19.65	20.50	
		1	135	19.52	19.60	19.56	20.50	
		1	268	19.48	19.67	19.64	20.50	
		135	0	19.49	19.67	19.60	20.50	
		135	68	19.60	19.66	19.58	20.50	
		135	135	19.49	19.64	19.67	20.50	
		270	0	19.49	19.61	19.62	20.50	
	DFT-s-OFDM QPSK	1	1	19.54	19.76	19.63	20.50	
		1	135	19.60	19.58	19.64	20.50	
		1	268	19.47	19.61	19.55	20.50	
		135	0	19.57	19.57	19.67	20.50	
		135	68	19.58	19.69	19.64	20.50	
		135	135	19.53	19.57	19.56	20.50	
	DFT-s-OFDM 16QAM	1	1	19.56	19.62	19.60	20.50	
		1	1	19.51	19.65	19.58	20.50	
		1	1	19.61	19.59	19.62	20.50	
		1	1	19.61	19.59	19.62	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
	50MHz	CP-OFDM QPSK	1	1	19.41	19.33	19.49	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000		

40MHz	DFT-s-OFDM QPSK	1	1	19.39	19.32	19.42	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	19.31	19.31	19.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.40	19.36	19.37	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.31	19.35	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.33	19.42	19.37	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.32	19.31	19.36	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.41	19.35	19.43	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.33	19.36	19.46	20.50

N7 DSI3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.37	19.57	19.54	20.50
		1	67	19.49	19.47	19.45	20.50
		1	131	19.46	19.59	19.55	20.50
		64	0	19.48	19.56	19.50	20.50
		64	35	19.37	19.59	19.57	20.50
		64	69	19.47	19.55	19.55	20.50
		128	0	19.46	19.57	19.50	20.50
	DFT-s-OFDM QPSK	1	1	19.45	19.68	19.47	20.50
		1	67	19.40	19.52	19.51	20.50
		1	131	19.51	19.50	19.45	20.50
		64	0	19.38	19.54	19.57	20.50
		64	35	19.41	19.48	19.58	20.50
		64	69	19.41	19.46	19.49	20.50
		128	0	19.39	19.46	19.44	20.50

	DFT-s-OFDM 16QAM	1	1	19.44	19.51	19.45	20.50
	DFT-s-OFDM 64QAM	1	1	19.48	19.47	19.46	20.50
	DFT-s-OFDM 256QAM	1	1	19.45	19.46	19.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	19.31	19.29	19.39	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	19.28	19.23	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	19.29	19.26	19.38	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.21	19.20	19.35	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.20	19.33	19.30	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.28	19.34	19.27	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.31	19.30	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.26	19.28	19.40	20.50

N66 DS1&2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1735	1745	1755	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.28	24.22	24.33	25.50
		1	120	24.28	24.22	24.24	25.50
		1	240	23.99	24.06	24.07	25.50
		120	0	23.65	23.63	23.67	25.00
		120	60	24.28	24.30	24.36	25.50
		120	120	23.75	23.79	23.73	25.00
		240	0	23.76	23.80	23.75	25.00

	DFT-s-OFDM QPSK	1	1	24.37	24.47	24.45	25.50
		1	120	24.18	24.28	24.12	25.50
		1	240	24.13	24.05	24.08	25.50
		120	0	23.32	23.36	23.38	24.50
		120	60	24.40	24.46	24.40	25.50
		120	120	23.23	23.18	23.30	24.50
	240	0	23.20	23.30	23.30	24.50	
	DFT-s-OFDM 16QAM	1	1	23.17	23.19	23.25	24.50
	DFT-s-OFDM 64QAM	1	1	21.60	21.69	21.75	23.00
	DFT-s-OFDM 256QAM	1	1	19.75	19.72	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	22.07	22.07	22.16	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	24.22	24.28	24.26	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	24.22	24.27	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	24.22	24.20	24.30	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	24.26	24.15	24.28	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	24.21	24.16	24.31	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	24.25	24.16	24.27	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.15	24.32	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	24.22	24.24	24.33	25.50

N66 DS1&2

Conducted Power(dBm)

SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346500	349000	351500		
				1740	1745	1750		
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.16	24.11	24.21	25.50	
		1	59	24.09	24.09	24.01	25.50	
		1	117	23.97	23.91	24.01	25.50	
		54	0	23.60	23.60	23.52	25.00	
		54	27	24.24	24.28	24.21	25.50	
		54	54	23.72	23.70	23.63	25.00	
			108	0	23.68	23.65	23.69	25.00
		DFT-s-OFDM QPSK	1	1	24.36	24.36	24.33	25.50
			1	59	24.06	24.19	24.05	25.50
			1	117	24.03	23.98	23.94	25.50
			54	0	23.14	23.15	23.29	24.50
			54	27	24.21	24.31	24.30	25.50
			54	54	23.12	23.14	23.10	24.50
			108	0	23.04	23.22	23.25	24.50
		DFT-s-OFDM 16QAM	1	1	23.14	23.04	23.12	24.50
	DFT-s-OFDM 64QAM	1	1	21.47	21.63	21.60	23.00	
	DFT-s-OFDM 256QAM	1	1	19.66	19.55	19.56	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346500	349000	351500		
45MHz	CP-OFDM QPSK	1	1	21.96	21.99	22.00	23.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346000	349000	352000		
40MHz	DFT-s-OFDM QPSK	1	1	24.10	24.08	24.15	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				345500	349000	352500		
35MHz	DFT-s-OFDM QPSK	1	1	24.18	24.18	24.16	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				345000	349000	353000		
30MHz	DFT-s-OFDM QPSK	1	1	24.07	24.06	24.18	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344500	349000	353500		
25MHz	DFT-s-OFDM QPSK	1	1	24.15	24.11	24.19	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349000	354000		
20MHz	DFT-s-OFDM QPSK	1	1	24.11	24.07	24.20	25.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343500	349000	354500		

15MHz	DFT-s-OFDM QPSK	1	1	24.04	24.08	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	24.05	24.07	24.19	25.50

N66 DSI3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1735	1745	1755	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.50	20.55	20.51	21.50
		1	120	20.46	20.56	20.45	21.50
		1	240	20.47	20.49	20.52	21.50
		120	0	20.50	20.46	20.53	21.50
		120	60	20.42	20.59	20.51	21.50
		120	120	20.46	20.59	20.45	21.50
	DFT-s-OFDM QPSK	240	0	20.44	20.56	20.51	21.50
		1	1	20.47	20.66	20.48	21.50
		1	120	20.39	20.55	20.54	21.50
		1	240	20.40	20.47	20.51	21.50
		120	0	20.48	20.47	20.44	21.50
		120	60	20.49	20.52	20.48	21.50
	DFT-s-OFDM 16QAM	120	120	20.45	20.49	20.57	21.50
		240	0	20.42	20.46	20.47	21.50
		1	1	20.43	20.48	20.47	21.50
	DFT-s-OFDM 64QAM	1	1	20.39	20.54	20.48	21.50
	DFT-s-OFDM 256QAM	1	1	20.26	20.20	20.36	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				346500	349000	351500	
45MHz	CP-OFDM QPSK	1	1	20.19	20.31	20.28	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM QPSK	1	1	20.20	20.27	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.27	20.23	20.30	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.24	20.23	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	

25MHz	DFT-s-OFDM QPSK	1	1	20.29	20.29	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.31	20.23	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.27	20.22	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.27	20.25	20.31	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.24	20.25	20.35	21.50

N66 DSI3&4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346500	349000	351500		
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.35	20.45	20.34	21.50	
		1	59	20.37	20.45	20.48	21.50	
		1	117	20.37	20.42	20.46	21.50	
		54	0	20.27	20.35	20.43	21.50	
		54	27	20.35	20.38	20.45	21.50	
		54	54	20.35	20.39	20.46	21.50	
		108	0	20.33	20.42	20.47	21.50	
	DFT-s-OFDM QPSK	1	1	20.31	20.48	20.41	21.50	
		1	59	20.34	20.40	20.44	21.50	
		1	117	20.39	20.47	20.42	21.50	
		54	0	20.36	20.49	20.41	21.50	
		54	27	20.36	20.48	20.46	21.50	
		54	54	20.41	20.41	20.44	21.50	
	DFT-s-OFDM 16QAM	1	1	20.31	20.41	20.44	21.50	
		1	1	20.32	20.46	20.44	21.50	
		1	1	20.12	20.19	20.19	21.00	
		1	1	20.12	20.19	20.19	21.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346500	349000	351500	
	45MHz	CP-OFDM QPSK	1	1	20.21	20.22	20.23	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000		

40MHz	DFT-s-OFDM QPSK	1	1	20.14	20.20	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.11	20.20	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.17	20.16	20.21	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	20.22	20.11	20.27	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.13	20.16	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.15	20.14	20.26	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.11	20.19	20.22	21.50

N38 DS1&2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.14	24.07	24.14	25.50
		1	53	24.13	24.13	24.12	25.50
		1	104	23.96	23.91	23.98	25.50
		50	0	23.51	23.55	23.53	25.00
		50	28	24.19	24.23	24.23	25.50
		50	56	23.68	23.58	23.56	25.00
		100	0	23.55	23.72	23.75	25.00
	DFT-s-OFDM QPSK	1	1	24.23	24.39	24.38	25.50
		1	53	23.95	24.07	24.07	25.50
		1	104	23.96	24.00	24.06	25.50
		50	0	23.19	23.21	23.30	24.50
		50	28	24.19	24.32	24.38	25.50
		50	56	23.07	23.14	23.17	24.50
		100	0	23.07	23.25	23.16	24.50
DFT-s-OFDM 16QAM	1	1	23.08	23.04	23.15	24.50	
DFT-s-OFDM 64QAM	1	1	21.49	21.52	21.59	23.00	

	DFT-s-OFDM 256QAM	1	1	19.63	19.56	19.56	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.96	22.08	21.99	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	24.10	24.11	24.16	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	24.15	24.17	24.16	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.06	24.06	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.07	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	24.14	24.11	24.19	25.50

N38 DSI1&2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.01	24.01	24.03	25.50
		1	108	23.97	24.07	23.97	25.50
		1	214	23.80	23.92	23.86	25.50
		108	0	23.43	23.44	23.43	25.00
		108	54	24.08	24.15	24.11	25.50
		108	108	23.60	23.55	23.51	25.00
	DFT-s-OFDM QPSK	216	0	23.47	23.52	23.54	25.00
		1	1	24.16	24.25	24.30	25.50
		1	108	23.86	24.01	24.01	25.50
		1	214	23.92	23.79	23.96	25.50
		108	0	23.07	23.14	23.11	24.50
		108	54	24.17	24.18	24.17	25.50
	DFT-s-OFDM 16QAM	108	108	23.06	23.01	23.01	24.50
		216	0	22.96	23.11	23.06	24.50
DFT-s-OFDM 64QAM	1	1	23.00	22.89	23.00	24.50	
		1	1	21.38	21.41	21.58	23.00

	DFT-s-OFDM 256QAM	1	1	19.48	19.46	19.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.94	21.88	21.88	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.96	24.02	24.08	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	23.96	23.95	24.02	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	24.00	24.06	24.01	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.97	23.98	24.14	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	24.00	24.03	24.03	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	24.04	24.04	24.09	25.50

N38 DSI3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.38	19.49	19.45	20.00
		1	53	19.29	19.42	19.47	20.00
		1	104	19.35	19.42	19.45	20.00
		50	0	19.40	19.36	19.36	20.00
		50	28	19.28	19.37	19.42	20.00
		50	56	19.31	19.45	19.36	20.00
		100	0	19.36	19.44	19.38	20.00
	DFT-s-OFDM QPSK	1	1	19.36	19.35	19.35	20.00
		1	53	19.38	19.43	19.38	20.00
		1	104	19.35	19.40	19.41	20.00
		50	0	19.34	19.42	19.36	20.00
		50	28	19.32	19.48	19.43	20.00
		50	56	19.30	19.48	19.35	20.00
		100	0	19.35	19.38	19.44	20.00

	DFT-s-OFDM 16QAM	1	1	19.31	19.41	19.36	20.00
	DFT-s-OFDM 64QAM	1	1	19.35	19.44	19.47	20.00
	DFT-s-OFDM 256QAM	1	1	19.28	19.45	19.47	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.22	19.16	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.11	19.23	19.29	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	19.21	19.10	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.14	19.22	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.11	19.10	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.20	19.18	19.28	20.00

N38 DSI3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.30	19.39	19.24	20.00
		1	108	19.31	19.32	19.32	20.00
		1	214	19.29	19.35	19.32	20.00
		108	0	19.17	19.38	19.25	20.00
		108	54	19.26	19.33	19.31	20.00
		108	108	19.29	19.32	19.31	20.00
		216	0	19.18	19.37	19.35	20.00
	DFT-s-OFDM QPSK	1	1	19.23	19.39	19.37	20.00
		1	108	19.27	19.36	19.30	20.00
		1	214	19.30	19.34	19.32	20.00
		108	0	19.22	19.25	19.27	20.00
		108	54	19.26	19.36	19.30	20.00
		108	108	19.28	19.32	19.31	20.00
		216	0	19.21	19.38	19.36	20.00

	DFT-s-OFDM 16QAM	1	1	19.24	19.38	19.37	20.00
	DFT-s-OFDM 64QAM	1	1	19.28	19.33	19.29	20.00
	DFT-s-OFDM 256QAM	1	1	19.22	19.32	19.30	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.06	19.03	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.09	19.13	19.07	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	19.02	19.10	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.03	19.12	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	19.04	19.03	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.11	19.01	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	19.11	19.09	19.08	20.00

N41 DSI1&2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.18	24.10	24.19	25.50
		1	137	24.13	24.07	24.06	25.50
		1	271	23.95	23.96	23.99	25.50
		135	0	23.60	23.56	23.61	25.00
		135	69	24.25	24.20	24.32	25.50
		135	138	23.69	23.69	23.61	25.00
		270	0	23.63	23.58	23.65	25.00
	DFT-s-OFDM QPSK	1	1	24.31	24.41	24.39	25.50
		1	137	24.01	24.07	24.10	25.50
		1	271	23.98	23.93	23.94	25.50
		135	0	23.15	23.18	23.25	24.50

		135	69	24.21	24.38	24.37	25.50
		135	138	23.06	23.09	23.12	24.50
		270	0	23.03	23.28	23.25	24.50
	DFT-s-OFDM 16QAM	1	1	23.08	23.06	23.08	24.50
	DFT-s-OFDM 64QAM	1	1	21.52	21.60	21.64	23.00
	DFT-s-OFDM 256QAM	1	1	19.57	19.51	19.68	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.03	21.99	22.00	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.16	24.18	24.22	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.07	24.08	24.22	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.13	24.10	24.20	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.17	24.18	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.14	24.17	24.11	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 503700	Channel 518598	Channel 533496	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	24.08	24.06	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.06	24.18	24.12	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502698	Channel 518598	Channel 534492	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	24.06	24.08	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.08	24.12	24.21	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 518598	Channel 535494	Tune up

25MHz	DFT-s-OFDM QPSK	1	1	24.10	24.07	24.24	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.09	24.08	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.05	24.11	24.19	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	24.04	24.16	24.24	25.50

N41 DSI1&2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.96	23.98	24.00	25.50
		1	135	24.02	23.98	24.03	25.50
		1	268	23.82	23.84	23.85	25.50
		135	0	23.43	23.48	23.50	25.00
		135	68	24.13	24.18	24.09	25.50
		135	135	23.57	23.57	23.45	25.00
	DFT-s-OFDM QPSK	270	0	23.55	23.54	23.60	25.00
		1	1	24.24	24.24	24.22	25.50
		1	135	23.88	24.06	24.00	25.50
		1	268	23.86	23.84	23.95	25.50
		135	0	23.01	23.07	23.17	24.50
		135	68	24.10	24.14	24.21	25.50
	DFT-s-OFDM 16QAM	135	135	23.02	23.07	22.99	24.50
		270	0	22.99	23.02	23.09	24.50
		1	1	23.01	22.98	23.00	24.50
	DFT-s-OFDM 64QAM	1	1	21.46	21.49	21.54	23.00
	DFT-s-OFDM 256QAM	1	1	19.55	19.43	19.48	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	21.88	21.96	21.86	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	24.02	23.95	24.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	

40MHz	DFT-s-OFDM QPSK	1	1	24.01	23.98	24.13	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	24.05	23.99	24.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.01	24.00	24.14	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	24.02	23.96	24.15	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.05	24.00	24.11	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.07	24.02	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	23.98	24.06	24.07	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	518598	537498	
5MHz	DFT-s-OFDM QPSK	1	1	23.96	24.09	24.08	25.70

N41 DSI3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.86	18.90	19.00	20.00
		1	137	18.84	18.94	18.91	20.00
		1	271	18.89	18.97	18.92	20.00
		135	0	18.86	19.00	18.89	20.00
		135	69	18.82	18.89	18.97	20.00
		135	138	18.84	18.91	18.90	20.00
		270	0	18.80	18.97	18.93	20.00
	DFT-s-OFDM QPSK	1	1	18.84	19.11	18.96	20.00
		1	137	18.88	18.96	18.88	20.00
		1	271	18.85	18.88	18.93	20.00
		135	0	18.80	18.93	18.94	20.00
		135	69	18.84	18.99	18.95	20.00
		135	138	18.90	18.89	18.92	20.00
		270	0	18.82	18.87	18.92	20.00

	DFT-s-OFDM 16QAM	1	1	18.80	18.91	18.89	20.00
	DFT-s-OFDM 64QAM	1	1	18.90	18.98	18.95	20.00
	DFT-s-OFDM 256QAM	1	1	18.92	19.01	18.99	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.68	18.73	18.77	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.65	18.64	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.72	18.66	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.68	18.63	18.80	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.70	18.69	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.66	18.71	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 503700	Channel 518598	Channel 533496	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	18.64	18.66	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.61	18.68	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502698	Channel 518598	Channel 534492	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	18.72	18.70	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.73	18.69	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 518598	Channel 535494	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	18.73	18.66	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.75	18.62	18.77	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.75	18.62	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.61	18.72	18.70	20.00

N41 DSI3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.79	18.89	18.88	20.00
		1	135	18.91	18.93	18.99	20.00
		1	268	18.92	18.87	18.88	20.00
		135	0	18.91	19.00	18.96	20.00
		135	68	18.85	19.00	18.94	20.00
		135	135	18.85	18.92	18.91	20.00
	DFT-s-OFDM QPSK	270	0	18.82	18.99	18.93	20.00
		1	1	18.91	18.99	18.88	20.00
		1	135	18.92	19.01	18.96	20.00
		1	268	18.81	19.00	18.90	20.00
		135	0	18.81	18.89	18.92	20.00
		135	68	18.81	18.93	18.97	20.00
	DFT-s-OFDM 16QAM	135	135	18.85	18.94	18.91	20.00
		270	0	18.90	18.92	18.94	20.00
		1	1	18.87	18.98	18.96	20.00
	DFT-s-OFDM 64QAM	1	1	18.84	18.97	18.93	20.00
	DFT-s-OFDM 256QAM	1	1	18.90	18.89	18.90	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	18.63	18.70	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	18.74	18.68	18.81	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.73	18.68	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	

35MHz	DFT-s-OFDM QPSK	1	1	18.74	18.73	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.70	18.66	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	18.75	18.73	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.70	18.73	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.74	18.66	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.70	18.70	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	518598	537498	
5MHz	DFT-s-OFDM QPSK	1	1	18.62	18.72	18.81	20.00

7.2 Conducted Power of NR Antenna (Ant2)

N77 PC2 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.36	/	24.00
		1	137	/	23.25	/	24.00
		1	271	/	23.19	/	24.00
		135	0	/	22.74	/	23.50
		135	69	/	23.44	/	24.00
		135	138	/	22.80	/	23.50
	DFT-s-OFDM QPSK	270	0	/	22.89	/	23.50
		1	1	/	23.55	/	24.00
		1	137	/	23.27	/	24.00
		1	271	/	23.20	/	24.00
		135	0	/	22.35	/	23.00
		135	69	/	23.44	/	24.00
		135	138	/	22.36	/	23.00
DFT-s-OFDM 16QAM	1	1	/	22.21	/	23.00	

	DFT-s-OFDM 64QAM	1	1	/	20.75	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	18.77	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.19	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.36	23.26	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.25	23.33	23.36	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	23.29	23.38	23.33	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.37	23.37	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.30	23.32	23.42	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.33	23.27	23.36	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	23.35	23.30	23.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.29	23.34	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	23.27	23.26	23.41	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	23.31	23.27	23.32	24.00

N77 PC3 DSI1&2	Conducted Power(dBm)
SCS 30kHz(3450~3550)	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.39	/	21.00
		1	137	/	20.45	/	21.00
		1	271	/	20.30	/	21.00
		135	0	/	19.81	/	20.50
		135	69	/	20.46	/	21.00
		135	138	/	19.88	/	20.50
		270	0	/	19.89	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.68	/	21.00
		1	137	/	20.35	/	21.00
		1	271	/	20.26	/	21.00
		135	0	/	19.55	/	20.00
		135	69	/	20.64	/	21.00
		135	138	/	19.39	/	20.00
		270	0	/	19.49	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.31	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	17.83	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	15.90	/	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.31	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.43	20.46	20.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.35	20.47	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	20.45	20.38	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.46	20.41	20.47	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.36	20.38	20.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.42	20.39	20.43	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.36	20.42	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.42	20.38	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.36	20.44	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.34	20.49	20.54	21.00

N77 PC2 PC3 DSI3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.44	/	18.00
		1	137	/	17.49	/	18.00
		1	271	/	17.51	/	18.00
		135	0	/	17.50	/	18.00
		135	69	/	17.51	/	18.00
		135	138	/	17.49	/	18.00
		270	0	/	17.52	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.63	/	18.00
		1	137	/	17.50	/	18.00
		1	271	/	17.47	/	18.00
		135	0	/	17.53	/	18.00
		135	69	/	17.55	/	18.00
		135	138	/	17.50	/	18.00
		270	0	/	17.45	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.41	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.41	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.49	/	18.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
/					633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.78	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.70	17.71	17.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.69	17.67	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.64	17.74	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.72	17.74	17.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.68	17.71	17.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	17.66	17.76	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.68	17.70	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.76	17.74	17.84	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.71	17.73	18.00

N77 PC2 DSI1				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.35	23.31	23.27	24.00
		1	137	23.37	23.26	23.25	24.00
		1	271	23.19	23.11	23.15	24.00
		135	0	22.77	22.72	22.71	23.50
		135	69	23.47	23.36	23.45	24.00
		135	138	22.77	22.88	22.87	23.50
	270	0	22.85	22.86	22.89	23.50	
	DFT-s-OFDM QPSK	1	1	23.63	23.62	23.63	24.00
		1	137	23.31	23.25	23.37	24.00

		1	271	23.20	23.09	23.18	24.00
		135	0	22.36	22.36	22.33	23.00
		135	69	23.48	23.49	23.48	24.00
		135	138	22.31	22.29	22.35	23.00
		270	0	22.40	22.39	22.36	23.00
	DFT-s-OFDM 16QAM	1	1	22.31	22.19	22.26	23.00
	DFT-s-OFDM 64QAM	1	1	20.74	20.83	20.79	21.50
DFT-s-OFDM 256QAM	1	1	18.82	18.72	18.82	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	21.19	21.19	21.20	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	23.35	23.29	23.40	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	23.29	23.30	23.42	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	23.36	23.37	23.40	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.26	23.38	23.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	23.28	23.34	23.40	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	23.26	23.35	23.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	23.35	23.36	23.44	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	23.25	23.33	23.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	23.31	23.27	23.39	24.00

				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	20.39	20.45	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	20.42	20.41	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	20.35	20.36	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	20.47	20.40	20.44	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	20.36	20.47	20.42	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	20.41	20.35	20.52	21.00

N77 PC2 PC3 DSI3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.45	17.46	17.45	18.00
		1	137	17.41	17.45	17.47	18.00
		1	271	17.53	17.42	17.49	18.00
		135	0	17.44	17.41	17.53	18.00
		135	69	17.42	17.50	17.50	18.00
		135	138	17.42	17.48	17.54	18.00
	DFT-s-OFDM QPSK	1	1	17.46	17.68	17.49	18.00
		1	137	17.48	17.47	17.49	18.00
		1	271	17.52	17.54	17.49	18.00
		135	0	17.41	17.40	17.51	18.00
		135	69	17.48	17.50	17.49	18.00
		135	138	17.46	17.52	17.45	18.00
	DFT-s-OFDM 16QAM	1	1	17.52	17.48	17.48	18.00
		1	1	17.48	17.42	17.48	18.00
		1	1	17.54	17.45	17.52	18.00
	DFT-s-OFDM 256QAM	1	1	17.54	17.45	17.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	17.66	17.70	17.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.74	17.73	17.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.67	17.78	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.66	17.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.74	17.65	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.67	17.75	17.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.68	17.65	17.80	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.75	17.71	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.71	17.68	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.72	17.72	17.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.76	17.67	17.76	18.00

N78 PC2 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.27	/	24.00
		1	137	/	23.27	/	24.00

		1	271	/	23.16	/	24.00
		135	0	/	22.82	/	23.50
		135	69	/	23.45	/	24.00
		135	138	/	22.80	/	23.50
		270	0	/	22.87	/	23.50
	DFT-s-OFDM QPSK	1	1	/	23.55	/	24.00
		1	137	/	23.36	/	24.00
		1	271	/	23.18	/	24.00
		135	0	/	22.41	/	23.00
		135	69	/	23.43	/	24.00
		135	138	/	22.28	/	23.00
	DFT-s-OFDM 16QAM	1	1	/	22.20	/	23.00
		1	1	/	20.83	/	21.50
		1	1	/	18.82	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.16	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.32	23.35	23.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.35	23.27	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	23.26	23.39	23.43	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.36	23.39	23.40	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.37	23.30	23.37	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.34	23.32	23.44	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	23.29	23.36	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.37	23.26	23.34	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	23.34	23.27	23.35	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	23.30	23.30	23.34	24.00

N78 PC3 DSI1&2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.34	/	21.00
		1	137	/	20.40	/	21.00
		1	271	/	20.27	/	21.00
		135	0	/	19.93	/	20.50
		135	69	/	20.48	/	21.00
		135	138	/	19.91	/	20.50
		270	0	/	19.89	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.62	/	21.00
		1	137	/	20.48	/	21.00
		1	271	/	20.31	/	21.00
		135	0	/	19.51	/	20.00
		135	69	/	20.54	/	21.00
		135	138	/	19.42	/	20.00
		270	0	/	19.55	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.40	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	17.87	/	18.50
DFT-s-OFDM 256QAM	1	1	/	15.91	/	16.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.27	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.38	20.39	20.49	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.44	20.44	20.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

70MHz	DFT-s-OFDM QPSK	1	1	20.37	20.44	20.42	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.42	20.47	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.43	20.35	20.54	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.36	20.43	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.36	20.45	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.47	20.39	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.44	20.49	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.41	20.41	20.52	21.00

N78 PC2 PC3 DSI3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.50	/	18.00
		1	137	/	17.46	/	18.00
		1	271	/	17.48	/	18.00
		135	0	/	17.48	/	18.00
		135	69	/	17.44	/	18.00
		135	138	/	17.48	/	18.00
		270	0	/	17.53	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.63	/	18.00
		1	137	/	17.46	/	18.00
		1	271	/	17.44	/	18.00
		135	0	/	17.52	/	18.00
		135	69	/	17.50	/	18.00
		135	138	/	17.53	/	18.00
		270	0	/	17.46	/	18.00

	DFT-s-OFDM 16QAM	1	1	/	17.49	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.53	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.53	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.67	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.74	17.70	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.76	17.67	17.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.68	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.74	17.75	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.68	17.76	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.70	17.77	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.76	17.75	17.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.77	17.78	17.75	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.69	17.70	17.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.77	17.70	17.72	18.00

N78 PC2 DS1				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.32	/	24.00	
		1	137	/	23.37	/	24.00	
		1	271	/	23.21	/	24.00	
		135	0	/	22.74	/	23.50	
		135	69	/	23.43	/	24.00	
		135	138	/	22.88	/	23.50	
		270	0	/	22.79	/	23.50	
	DFT-s-OFDM QPSK	1	1	/	23.58	/	24.00	
		1	137	/	23.32	/	24.00	
		1	271	/	23.17	/	24.00	
		135	0	/	22.43	/	23.00	
		135	69	/	23.54	/	24.00	
		135	138	/	22.27	/	23.00	
	DFT-s-OFDM 16QAM	1	1	/	22.22	/	23.00	
		1	1	/	20.78	/	21.50	
		1	1	/	18.70	/	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	650000	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	649668	650000	650334	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	650000	650668	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	649000	650000	651000	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	650000	651334	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	648334	650000	651668	24.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648000	650000	652000		

40MHz	DFT-s-OFDM QPSK	1	1	23.30	23.38	23.45	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	23.34	23.26	23.31	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	23.24	23.35	23.44	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	23.36	23.34	23.32	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	23.32	23.34	23.38	24.00

N78 PC3 DSI1&2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.40	/	21.00
		1	137	/	20.39	/	21.00
		1	271	/	20.18	/	21.00
		135	0	/	19.84	/	20.50
		135	69	/	20.49	/	21.00
		135	138	/	19.91	/	20.50
		270	0	/	19.93	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.66	/	21.00
		1	137	/	20.42	/	21.00
		1	271	/	20.30	/	21.00
		135	0	/	19.56	/	20.00
		135	69	/	20.58	/	21.00
		135	138	/	19.41	/	20.00
		270	0	/	19.50	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.36	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	17.91	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	15.91	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.36	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	

90MHz	DFT-s-OFDM QPSK	1	1	20.46	20.44	20.55	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.42	20.45	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.40	20.49	20.46	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.42	20.36	20.45	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.36	20.41	20.51	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	20.41	20.47	20.52	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.41	20.47	20.50	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.35	20.42	20.42	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	20.47	20.44	20.43	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	20.44	20.37	20.42	21.00

N78 PC2 PC3 DSI3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.42	/	18.00
		1	137	/	17.50	/	18.00
		1	271	/	17.45	/	18.00
		135	0	/	17.51	/	18.00
		135	69	/	17.51	/	18.00
		135	138	/	17.41	/	18.00

		270	0	/	17.44	/	18.00
	DFT-s-OFDM QPSK	1	1	/	17.61	/	18.00
		1	137	/	17.45	/	18.00
		1	271	/	17.47	/	18.00
		135	0	/	17.53	/	18.00
		135	69	/	17.45	/	18.00
		135	138	/	17.52	/	18.00
		270	0	/	17.40	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	17.52	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	17.50	/	18.00
	DFT-s-OFDM 256QAM	1	1	/	17.54	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.76	/	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.73	17.77	17.81	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.67	17.66	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.75	17.67	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.76	17.78	17.82	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.65	17.78	17.76	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.72	17.73	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.68	17.67	17.74	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.75	17.77	17.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	17.76	17.73	17.73	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	17.74	17.78	17.74	18.00

7.3 Conducted Power of NR Antenna (Ant3)

N41 DS11&3&4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
				2546.01	2592.99	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.93	18.94	18.93	20.00	
		1	137	18.85	19.01	18.98	20.00	
		1	271	18.89	18.94	19.01	20.00	
		135	0	18.93	18.95	19.02	20.00	
		135	69	18.83	18.95	18.93	20.00	
		135	138	18.85	18.97	18.94	20.00	
	DFT-s-OFDM QPSK	270	0	18.90	18.92	18.91	20.00	
		1	1	18.92	19.12	18.99	20.00	
		1	137	18.87	18.94	18.98	20.00	
		1	271	18.94	18.97	19.01	20.00	
		135	0	18.90	19.02	18.91	20.00	
		135	69	18.86	18.91	18.90	20.00	
	DFT-s-OFDM 16QAM	135	138	18.92	18.99	18.93	20.00	
		270	0	18.90	18.94	18.94	20.00	
		DFT-s-OFDM 16QAM	1	1	18.87	18.93	18.95	20.00
		DFT-s-OFDM 64QAM	1	1	18.70	18.66	18.67	19.50
		DFT-s-OFDM 256QAM	1	1	17.14	17.14	17.28	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	509202	518598	528000	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	508200	518598	528996	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.67	18.72	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.74	18.79	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.76	18.83	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.76	18.76	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	18.66	18.82	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.76	18.84	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	18.74	18.77	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.65	18.73	18.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	18.66	18.71	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.66	18.78	18.85	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.75	18.80	18.82	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.76	18.83	18.81	20.00

N41 DSI1&3&4	Conducted Power(dBm)
SCS 15kHz	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.91	18.97	19.01	20.00
		1	135	18.88	18.95	18.92	20.00
		1	268	18.85	18.99	18.91	20.00
		135	0	18.95	18.92	19.02	20.00
		135	68	18.91	19.03	18.94	20.00
		135	135	18.92	19.03	18.95	20.00
		270	0	18.84	19.03	19.03	20.00
	DFT-s-OFDM QPSK	1	1	18.92	18.92	18.94	20.00
		1	135	18.87	18.95	18.94	20.00
		1	268	18.86	18.93	18.93	20.00
		135	0	18.96	19.00	18.96	20.00
		135	68	18.96	18.91	18.90	20.00
		135	135	18.85	18.99	18.91	20.00
	DFT-s-OFDM 16QAM	1	1	18.85	18.99	19.02	20.00
	DFT-s-OFDM 64QAM	1	1	18.64	18.72	18.74	19.50
	DFT-s-OFDM 256QAM	1	1	17.14	17.21	17.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	CP-OFDM QPSK	1	1	504204	518598	532998	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	503700	518598	533496	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	503202	518598	534000	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	502698	518598	534492	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	502200	518598	534996	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	501702	518598	535494	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	501204	518598	535998	20.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.65	18.79	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.67	18.81	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	507000	537504	
5MHz	DFT-s-OFDM QPSK	1	1	18.67	18.83	18.78	20.00

N41 DS12				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.75	20.87	20.86	22.00
		1	137	20.82	20.78	20.84	22.00
		1	271	20.74	20.92	20.79	22.00
		135	0	20.87	20.86	20.85	22.00
		135	69	20.81	20.88	20.86	22.00
		135	138	20.73	20.98	20.77	22.00
	DFT-s-OFDM QPSK	270	0	20.79	20.88	20.86	22.00
		1	1	20.85	20.89	20.88	22.00
		1	137	20.80	20.78	20.81	22.00
		1	271	20.74	20.77	20.86	22.00
		135	0	20.82	20.82	20.79	22.00
		135	69	20.79	20.85	20.76	22.00
	DFT-s-OFDM 16QAM	135	138	20.75	20.87	20.85	22.00
		270	0	20.79	20.82	20.84	22.00
		1	1	20.77	20.63	20.55	22.00
	DFT-s-OFDM 64QAM	1	1	20.58	20.63	20.57	22.00
	DFT-s-OFDM 256QAM	1	1	19.07	19.05	19.14	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
509202					518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.69	20.77	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.81	20.85	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.75	20.78	20.85	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.70	20.76	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.80	20.85	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.73	20.84	20.87	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	20.75	20.76	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.72	20.80	20.81	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	20.76	20.81	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.76	20.84	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	20.71	20.81	20.79	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.76	20.82	20.77	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	20.69	20.77	20.75	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	20.78	20.82	20.86	22.00

N41 DS12				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
				2521.02	2592.99	2664.99	
50MHz	DFT-s-OFDM	1	1	20.56	20.57	20.67	22.00

	PI/2 BPSK	1	135	20.54	20.55	20.54	22.00
		1	268	20.45	20.71	20.53	22.00
		135	0	20.63	20.65	20.64	22.00
		135	68	20.65	20.66	20.68	22.00
		135	135	20.60	20.72	20.57	22.00
		270	0	20.44	20.68	20.73	22.00
	DFT-s-OFDM QPSK	1	1	20.53	20.75	20.59	22.00
		1	135	20.59	20.61	20.62	22.00
		1	268	20.56	20.66	20.59	22.00
		135	0	20.64	20.69	20.71	22.00
		135	68	20.69	20.54	20.59	22.00
		135	135	20.55	20.74	20.56	22.00
	DFT-s-OFDM 16QAM	1	1	20.49	20.71	20.77	22.00
		1	1	20.30	20.37	20.49	22.00
		1	1	18.75	18.95	18.93	20.50
	DFT-s-OFDM 256QAM	1	1	18.75	18.95	18.93	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	20.72	20.86	20.74	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	20.78	20.73	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.69	20.81	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	20.77	20.74	20.83	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.77	20.75	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	20.77	20.81	20.88	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.72	20.83	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	20.74	20.87	20.75	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	20.78	20.83	20.84	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	507000	537504	
5MHz	DFT-s-OFDM QPSK	1	1	20.73	20.88	20.86	22.00

N77 PC2 PC3 DSI1&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.96	/	17.50
		1	137	/	16.96	/	17.50
		1	271	/	17.00	/	17.50
		135	0	/	17.00	/	17.50
		135	69	/	16.98	/	17.50
		135	138	/	16.96	/	17.50
		270	0	/	16.93	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.10	/	17.50
		1	137	/	16.96	/	17.50
		1	271	/	17.00	/	17.50
		135	0	/	16.92	/	17.50
		135	69	/	16.99	/	17.50
		135	138	/	16.91	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	17.00	/	17.50
		1	1	/	16.93	/	17.50
		1	1	/	16.95	/	17.50
		1	1	/	16.95	/	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.74	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.75	16.65	16.82	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.74	16.70	16.78	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.75	16.70	16.82	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	16.71	16.73	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.66	16.77	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.73	16.77	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	16.73	16.76	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.76	16.71	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	16.71	16.77	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	16.71	16.71	16.81	17.50

N77 PC2 PC3 DS12				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.89	/	20.50
		1	137	/	19.87	/	20.50
		1	271	/	19.90	/	20.50
		135	0	/	19.82	/	20.50
		135	69	/	19.88	/	20.50
		135	138	/	19.89	/	20.50
		270	0	/	19.74	/	20.50
	DFT-s-OFDM QPSK	1	1	/	20.01	/	20.50
		1	137	/	19.91	/	20.50
		1	271	/	19.88	/	20.50
		135	0	/	19.78	/	20.50
		135	69	/	19.90	/	20.50
		135	138	/	19.81	/	20.50
		270	0	/	19.77	/	20.50
DFT-s-OFDM 16QAM	1	1	/	19.87	/	20.50	
DFT-s-OFDM 64QAM	1	1	/	18.66	/	19.50	

	DFT-s-OFDM 256QAM	1	1	/	16.95	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.52	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.66	19.53	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.62	19.52	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.63	19.55	19.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.57	19.59	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.61	19.47	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.58	19.54	19.74	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.56	19.58	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.56	19.60	19.77	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	19.69	19.51	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	19.62	19.54	19.77	20.50

N77 PC2 PC3 DSI2 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.79	/	18.50	
		1	137	/	17.68	/	18.50	
		1	271	/	17.77	/	18.50	
		135	0	/	17.71	/	18.50	
		135	69	/	17.79	/	18.50	
		135	138	/	17.73	/	18.50	
		270	0	/	17.67	/	18.50	
	DFT-s-OFDM QPSK	1	1	/	17.83	/	18.50	
		1	137	/	17.80	/	18.50	
		1	271	/	17.69	/	18.50	
		135	0	/	17.71	/	18.50	
		135	69	/	17.80	/	18.50	
		135	138	/	17.69	/	18.50	
	DFT-s-OFDM 16QAM	1	1	/	17.72	/	18.50	
		1	1	/	17.59	/	18.50	
		1	1	/	16.95	/	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
	100MHz	CP-OFDM QPSK	1	1	/	17.44	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	17.47	17.45	17.61	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	17.59	17.36	17.55	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	17.52	17.41	17.61	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	17.51	17.35	17.60	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up	
50MHz	DFT-s-OFDM QPSK	1	1	17.46	17.42	17.60	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	17.51	17.35	17.60	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635666	Tune up	

30MHz	DFT-s-OFDM QPSK	1	1	17.48	17.47	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.52	17.41	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.53	17.42	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.48	17.40	17.61	18.50

N77 PC2 PC3 DSI1&3&4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750	3840	3930		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.93	16.92	16.92	17.50	
		1	137	16.84	16.96	16.89	17.50	
		1	271	16.83	16.96	16.99	17.50	
		135	0	16.84	17.02	16.91	17.50	
		135	69	16.90	16.98	17.03	17.50	
		135	138	16.83	16.93	16.97	17.50	
		270	0	16.85	16.99	16.90	17.50	
	DFT-s-OFDM QPSK	1	1	16.85	17.07	16.94	17.50	
		1	137	16.95	16.90	16.91	17.50	
		1	271	16.83	16.95	16.95	17.50	
		135	0	16.92	17.02	17.02	17.50	
		135	69	16.85	16.98	16.98	17.50	
		135	138	16.84	16.98	16.94	17.50	
		270	0	16.93	16.91	17.02	17.50	
	DFT-s-OFDM 16QAM	1	1	16.86	16.98	16.92	17.50	
	DFT-s-OFDM 64QAM	1	1	16.91	17.00	16.91	17.50	
	DFT-s-OFDM 256QAM	1	1	16.90	16.98	16.96	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	16.69	16.71	16.85	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	656000	662332		
90MHz	DFT-s-OFDM QPSK	1	1	16.69	16.74	16.72	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	656000	662666		
80MHz	DFT-s-OFDM QPSK	1	1	16.76	16.74	16.79	17.50	



Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	16.69	16.67	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.65	16.79	16.81	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.74	16.65	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.71	16.74	16.82	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	16.72	16.73	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	16.66	16.71	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	16.71	16.69	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	16.72	16.74	16.84	17.50

N77 PC2 PC3 DSI2				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.85	19.76	19.80	20.50
		1	137	19.71	19.86	19.75	20.50
		1	271	19.69	19.89	19.88	20.50
		135	0	19.67	19.94	19.80	20.50
		135	69	19.73	19.88	19.91	20.50
		135	138	19.74	19.77	19.84	20.50
	DFT-s-OFDM QPSK	270	0	19.78	19.84	19.85	20.50
		1	1	19.78	19.96	19.77	20.50
		1	137	19.89	19.71	19.76	20.50
		1	271	19.73	19.78	19.88	20.50
		135	0	19.74	19.90	19.86	20.50
		135	69	19.76	19.95	19.84	20.50
		135	138	19.68	19.83	19.81	20.50

		270	0	19.82	19.85	19.90	20.50
	DFT-s-OFDM 16QAM	1	1	19.72	19.90	19.78	20.50
	DFT-s-OFDM 64QAM	1	1	18.49	18.54	18.48	19.50
	DFT-s-OFDM 256QAM	1	1	16.83	16.87	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.47	18.60	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.59	19.56	19.65	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.64	19.53	19.69	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.59	19.54	19.76	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.62	19.52	19.64	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.57	19.50	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.58	19.58	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.62	19.57	19.64	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.57	19.50	19.66	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 656000	Channel 664832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.57	19.48	19.68	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.55	19.57	19.70	20.50

N77 PC2 PC3 DSI2 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.73	17.58	17.60	18.50
		1	137	17.60	17.68	17.59	18.50
		1	271	17.50	17.83	17.75	18.50
		135	0	17.58	17.81	17.67	18.50
		135	69	17.61	17.70	17.80	18.50
		135	138	17.64	17.65	17.74	18.50
		270	0	17.68	17.75	17.73	18.50
	DFT-s-OFDM QPSK	1	1	17.71	17.82	17.67	18.50
		1	137	17.76	17.52	17.67	18.50
		1	271	17.59	17.60	17.74	18.50
		135	0	17.55	17.81	17.77	18.50
		135	69	17.56	17.77	17.64	18.50
		135	138	17.59	17.74	17.67	18.50
	DFT-s-OFDM 16QAM	1	1	17.71	17.66	17.85	18.50
		1	1	17.53	17.77	17.68	18.50
		1	1	17.34	17.46	17.30	18.50
	DFT-s-OFDM 256QAM	1	1	16.83	16.87	16.89	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662332	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649000	656000	663000	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	656000	663666	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	18.50

40MHz	DFT-s-OFDM QPSK	1	1	17.50	17.46	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	17.60	17.43	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.49	17.47	17.57	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	17.51	17.34	17.57	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.46	17.41	17.55	18.50

N78 PC2 PC3 DSI1&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.96	/	17.50
		1	137	/	16.91	/	17.50
		1	271	/	16.95	/	17.50
		135	0	/	16.98	/	17.50
		135	69	/	17.02	/	17.50
		135	138	/	16.91	/	17.50
		270	0	/	17.04	/	17.50
	DFT-s-OFDM QPSK	1	1	/	17.07	/	17.50
		1	137	/	16.92	/	17.50
		1	271	/	17.04	/	17.50
		135	0	/	16.94	/	17.50
		135	69	/	16.98	/	17.50
		135	138	/	16.93	/	17.50
		270	0	/	16.96	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	17.01	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.98	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	16.98	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.68	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.73	16.75	16.80	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.74	16.70	16.75	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.73	16.74	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.75	16.66	16.74	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.69	16.75	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.73	16.68	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.75	16.77	16.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.74	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	16.74	16.77	16.83	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	16.71	16.65	16.77	17.50

N78 PC2 PC3 DS12				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.82	/	20.50
		1	137	/	19.82	/	20.50
		1	271	/	19.76	/	20.50
		135	0	/	19.78	/	20.50
		135	69	/	19.88	/	20.50
		135	138	/	19.81	/	20.50
	270	0	/	19.96	/	20.50	
	DFT-s-OFDM QPSK	1	1	/	19.93	/	20.50
		1	137	/	19.75	/	20.50

		1	271	/	19.87	/	20.50
		135	0	/	19.79	/	20.50
		135	69	/	19.93	/	20.50
		135	138	/	19.76	/	20.50
		270	0	/	19.87	/	20.50
	DFT-s-OFDM 16QAM	1	1	/	19.89	/	20.50
	DFT-s-OFDM 64QAM	1	1	/	18.66	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	16.98	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.52	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.69	19.58	19.63	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.61	19.59	19.73	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.62	19.57	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.69	19.56	19.68	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.70	19.50	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.67	19.52	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.65	19.50	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.58	19.57	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	19.57	19.50	19.75	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	19.61	19.49	19.66	20.50

N78 PC2 PC3 DSI2 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.67	/	18.50
		1	137	/	17.71	/	18.50
		1	271	/	17.65	/	18.50
		135	0	/	17.60	/	18.50
		135	69	/	17.83	/	18.50
		135	138	/	17.72	/	18.50
		270	0	/	17.77	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.88	/	18.50
		1	137	/	17.64	/	18.50
		1	271	/	17.72	/	18.50
		135	0	/	17.72	/	18.50
		135	69	/	17.82	/	18.50
		135	138	/	17.71	/	18.50
		270	0	/	17.79	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.76	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.60	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	16.98	/	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.55	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.58	17.45	17.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.60	17.43	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.48	17.36	17.57	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.52	17.37	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	

50MHz	DFT-s-OFDM QPSK	1	1	17.55	17.47	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.55	17.43	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.57	17.33	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.47	17.46	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.58	17.41	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.58	17.38	17.63	18.50

N78 PC2 PC3 DS1&3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.95	/	17.50
		1	137	/	17.02	/	17.50
		1	271	/	16.95	/	17.50
		135	0	/	16.93	/	17.50
		135	69	/	16.93	/	17.50
		135	138	/	17.01	/	17.50
		270	0	/	16.97	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.98	/	17.50
		1	137	/	17.06	/	17.50
		1	271	/	16.91	/	17.50
		135	0	/	17.02	/	17.50
		135	69	/	17.02	/	17.50
		135	138	/	16.91	/	17.50
		270	0	/	16.96	/	17.50
DFT-s-OFDM 16QAM	1	1	/	16.96	/	17.50	
DFT-s-OFDM 64QAM	1	1	/	17.03	/	17.50	
DFT-s-OFDM 256QAM	1	1	/	16.94	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.72	/	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.76	16.72	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.70	16.65	16.79	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.66	16.69	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.77	16.77	16.75	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.73	16.75	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.77	16.73	16.77	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.74	16.66	16.71	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.64	16.74	16.80	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.75	16.82	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	16.72	16.77	16.72	17.50

N78 PC2 PC3 DSI2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	3750.00	/	
		1	137	/	19.76	/	20.50
		1	271	/	19.88	/	20.50
		135	0	/	19.79	/	20.50
		135	0	/	19.86	/	20.50
		135	69	/	19.75	/	20.50

				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	19.68	19.57	19.71	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	19.63	19.52	19.73	20.50

N78 PC2 PC3 DSI2 For ENDC				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.71	/	18.50	
		1	137	/	17.80	/	18.50	
		1	271	/	17.62	/	18.50	
		135	0	/	17.70	/	18.50	
		135	69	/	17.64	/	18.50	
		135	138	/	17.86	/	18.50	
			270	0	/	17.71	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.74	/	18.50	
		1	137	/	17.75	/	18.50	
		1	271	/	17.64	/	18.50	
		135	0	/	17.78	/	18.50	
		135	69	/	17.69	/	18.50	
		135	138	/	17.74	/	18.50	
			270	0	/	17.62	/	18.50
		DFT-s-OFDM 16QAM	1	1	/	17.70	/	18.50
		DFT-s-OFDM 64QAM	1	1	/	17.88	/	18.50
		DFT-s-OFDM 256QAM	1	1	/	16.94	/	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	17.55	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		
90MHz	DFT-s-OFDM QPSK	1	1	17.49	17.39	17.60	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649334	650000	650668		
80MHz	DFT-s-OFDM QPSK	1	1	17.59	17.43	17.64	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649000	650000	651000		
70MHz	DFT-s-OFDM QPSK	1	1	17.46	17.34	17.68	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				648668	650000	651334		

60MHz	DFT-s-OFDM QPSK	1	1	17.58	17.42	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.58	17.43	17.68	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.48	17.36	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.47	17.46	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.49	17.42	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	17.55	17.38	17.57	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	17.49	17.37	17.64	18.50

7.4 Conducted Power of NR Antenna (Ant4)

N5 DSI1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.87	22.96	22.94	24.00
		1	53	22.87	22.98	22.99	24.00
		1	104	22.82	23.00	22.94	24.00
		50	0	22.92	22.98	22.97	24.00
		50	28	22.93	22.92	22.94	24.00
		50	56	22.93	22.97	23.00	24.00
		100	0	22.82	22.99	23.02	24.00
	DFT-s-OFDM QPSK	1	1	22.84	23.10	22.95	24.00
		1	53	22.90	23.03	22.96	24.00
		1	104	22.88	23.03	22.95	24.00
		50	0	22.83	23.00	22.96	24.00
		50	28	22.94	23.02	22.98	24.00
		50	56	22.89	22.99	22.95	24.00
		100	0	22.95	22.91	22.92	24.00

	DFT-s-OFDM 16QAM	1	1	22.93	22.95	22.97	24.00
	DFT-s-OFDM 64QAM	1	1	21.43	21.53	21.59	23.00
	DFT-s-OFDM 256QAM	1	1	19.50	19.42	19.57	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.96	21.92	21.89	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	22.72	22.71	22.77	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	22.74	22.71	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349500	356500	
5MHz	DFT-s-OFDM QPSK	1	1	22.71	22.75	22.72	24.00

N5 DSI1				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.88	22.93	22.93	24.00
		1	26	22.94	22.96	22.90	24.00
		1	49	22.85	23.00	22.93	24.00
		25	0	22.84	22.94	22.94	24.00
		25	13	22.92	22.92	23.00	24.00
		25	26	22.83	23.02	23.02	24.00
	DFT-s-OFDM QPSK	50	0	22.85	22.92	22.96	24.00
		1	1	22.86	23.02	23.01	24.00
		1	26	22.84	23.01	22.95	24.00
		1	49	22.96	22.96	22.97	24.00
		25	0	22.82	23.00	22.99	24.00
		25	13	22.94	22.92	22.94	24.00
	DFT-s-OFDM 16QAM	25	26	22.92	22.99	23.03	24.00
		50	0	22.84	23.03	22.98	24.00
		1	1	23.11	23.08	23.11	24.00
		1	1	21.56	21.59	21.64	23.00
		1	1	19.64	19.57	19.64	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM	1	1	21.95	21.86	21.94	23.00

QPSK							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	22.65	22.66	22.85	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	22.73	22.79	22.72	24.00

N5 DSI2&3&4				Conducted Power(dBm)					
SCS 15kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				166800	167300	167800			
				834	836.5	839			
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.98	23.98	24.00	25.50		
		1	53	23.97	24.06	24.00	25.50		
		1	104	23.81	23.81	23.89	25.50		
		50	0	23.49	23.47	23.47	25.00		
		50	28	24.17	24.10	24.09	25.50		
		50	56	23.58	23.47	23.53	25.00		
		100	0	23.56	23.53	23.66	25.00		
	DFT-s-OFDM QPSK	1	1	24.14	24.40	24.29	25.50		
		1	53	23.94	23.97	24.03	25.50		
		1	104	23.81	23.85	23.85	25.50		
		50	0	23.07	23.15	23.20	24.50		
		50	28	24.09	24.25	24.22	25.50		
		50	56	22.98	23.01	23.08	24.50		
	DFT-s-OFDM 16QAM	1	1	22.94	23.03	22.96	24.50		
		DFT-s-OFDM 64QAM	1	1	21.43	21.47	21.49	23.00	
			DFT-s-OFDM 256QAM	1	1	19.46	19.47	19.53	21.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
					344000	349500	355000		
	20MHz	CP-OFDM QPSK	1	1	21.92	21.88	21.83	23.00	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				343500	349500	355500			
15MHz	DFT-s-OFDM QPSK	1	1	23.97	24.07	24.13	25.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				343000	349500	356000			
10MHz	DFT-s-OFDM QPSK	1	1	24.02	24.01	24.04	25.50		
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up		
				342500	349500	356500			
5MHz	DFT-s-OFDM QPSK	1	1	23.94	23.99	24.11	25.50		

N5 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				166800	167300	167800	
				834	836.5	839	
20MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.95	24.06	24.01	25.50
		1	26	24.03	23.94	24.00	25.50
		1	49	23.86	23.90	23.92	25.50
		25	0	23.52	23.49	23.42	25.00
		25	13	24.15	24.18	24.19	25.50
		25	26	23.54	23.53	23.44	25.00
	DFT-s-OFDM QPSK	50	0	23.54	23.58	23.56	25.00
		1	1	24.18	24.32	24.20	25.50
		1	26	23.87	23.96	24.02	25.50
		1	49	23.84	23.84	23.95	25.50
		25	0	23.01	23.11	23.17	24.50
		25	13	24.21	24.14	24.18	25.50
	DFT-s-OFDM 16QAM	25	26	22.96	23.01	23.08	24.50
		50	0	22.98	23.01	23.02	24.50
		1	1	23.05	23.01	22.92	24.50
		1	1	21.42	21.54	21.47	23.00
		1	1	19.47	19.42	19.45	21.00
	DFT-s-OFDM 64QAM	1	1	19.47	19.42	19.45	21.00
DFT-s-OFDM 256QAM	1	1	19.47	19.42	19.45	21.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349500	355000	
20MHz	CP-OFDM QPSK	1	1	21.88	21.86	21.93	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349500	355500	
15MHz	DFT-s-OFDM QPSK	1	1	23.95	24.00	24.14	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349500	356000	
10MHz	DFT-s-OFDM QPSK	1	1	24.07	23.96	24.10	25.50

N7 DSI1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.04	17.14	17.03	18.00
		1	135	16.97	17.01	17.02	18.00
		1	268	17.01	17.13	17.06	18.00
		135	0	17.01	17.12	17.03	18.00
		135	68	16.98	17.10	17.03	18.00
		135	135	17.04	17.03	17.00	18.00

		270	0	17.01	17.04	17.10	18.00
	DFT-s-OFDM QPSK	1	1	16.94	17.19	17.09	18.00
		1	135	17.01	17.11	17.08	18.00
		1	268	17.06	17.14	17.01	18.00
		135	0	17.03	17.12	17.04	18.00
		135	68	16.97	17.08	17.01	18.00
		135	135	17.03	17.02	17.05	18.00
		270	0	16.99	17.01	17.05	18.00
	DFT-s-OFDM 16QAM	1	1	16.97	17.05	17.10	18.00
	DFT-s-OFDM 64QAM	1	1	16.97	17.13	17.06	18.00
	DFT-s-OFDM 256QAM	1	1	16.95	17.01	17.06	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000	Tune up
50MHz	CP-OFDM QPSK	1	1	16.50	16.47	16.51	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.52	16.47	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 503500	Channel 507000	Channel 510500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	16.46	16.46	16.55	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.47	16.52	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.58	16.48	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.54	16.48	16.65	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.53	16.49	16.64	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.53	16.57	16.58	18.00
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	16.51	16.45	16.59	18.00

N7 DSI1				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.99	17.08	17.09	18.00	
		1	67	17.00	17.12	17.04	18.00	
		1	131	17.04	17.06	17.05	18.00	
		64	0	16.94	17.02	17.05	18.00	
		64	35	17.01	17.03	17.00	18.00	
		64	69	17.04	17.07	17.08	18.00	
	DFT-s-OFDM QPSK	128	0	16.93	17.01	17.01	18.00	
		1	1	17.04	17.04	17.10	18.00	
		1	67	16.92	17.11	17.06	18.00	
		1	131	16.99	17.05	17.05	18.00	
		64	0	17.02	17.04	17.09	18.00	
		64	35	17.06	17.07	17.05	18.00	
	DFT-s-OFDM 16QAM	64	69	17.03	17.04	17.02	18.00	
		128	0	16.92	17.13	17.12	18.00	
		1	1	17.03	17.11	17.04	18.00	
		DFT-s-OFDM 64QAM	1	1	16.97	17.10	17.08	18.00
		DFT-s-OFDM 256QAM	1	1	17.00	17.06	17.12	18.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000		
50MHz	CP-OFDM QPSK	1	1	16.53	16.46	16.62	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504000	507000	510000		
40MHz	DFT-s-OFDM QPSK	1	1	16.46	16.57	16.64	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503500	507000	510500		
35MHz	DFT-s-OFDM QPSK	1	1	16.56	16.47	16.59	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	16.51	16.47	16.60	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		
25MHz	DFT-s-OFDM QPSK	1	1	16.55	16.47	16.61	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502000	507000	512000		
20MHz	DFT-s-OFDM QPSK	1	1	16.44	16.53	16.57	18.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				501500	507000	512500		

15MHz	DFT-s-OFDM QPSK	1	1	16.46	16.55	16.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	16.56	16.49	16.54	18.00

N7 DSI2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.49	23.54	23.50	25.00
		1	135	23.51	23.48	23.41	25.00
		1	268	23.40	23.32	23.37	25.00
		135	0	23.03	23.00	22.88	24.50
		135	68	23.66	23.62	23.60	25.00
		135	135	23.07	23.00	23.05	24.50
		270	0	23.00	23.08	23.16	24.50
	DFT-s-OFDM QPSK	1	1	23.68	23.83	23.69	25.00
		1	135	23.45	23.46	23.45	25.00
		1	268	23.31	23.42	23.37	25.00
		135	0	22.61	22.57	22.70	24.00
		135	68	23.61	23.71	23.65	25.00
		135	135	22.47	22.47	22.62	24.00
		270	0	22.43	22.62	22.55	24.00
	DFT-s-OFDM 16QAM	1	1	22.50	22.46	22.54	24.00
	DFT-s-OFDM 64QAM	1	1	20.95	20.92	21.02	22.50
	DFT-s-OFDM 256QAM	1	1	19.06	19.02	19.02	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.47	21.49	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	23.51	23.53	23.60	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	23.49	23.48	23.59	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	23.56	23.53	23.62	25.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	23.48	23.51	23.57	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	23.51	23.49	23.53	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	23.44	23.59	23.52	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.57	23.56	23.59	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	23.54	23.57	23.55	25.00

N7 DS12				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.55	23.47	23.50	25.00
		1	67	23.55	23.48	23.42	25.00
		1	131	23.40	23.35	23.43	25.00
		64	0	23.01	23.03	23.02	24.50
		64	35	23.63	23.66	23.69	25.00
		64	69	23.03	23.09	23.01	24.50
		128	0	22.96	22.98	23.17	24.50
	DFT-s-OFDM QPSK	1	1	23.65	23.76	23.72	25.00
		1	67	23.41	23.54	23.44	25.00
		1	131	23.32	23.30	23.44	25.00
		64	0	22.57	22.63	22.62	24.00
		64	35	23.67	23.75	23.72	25.00
		64	69	22.50	22.47	22.63	24.00
		128	0	22.52	22.56	22.58	24.00
	DFT-s-OFDM 16QAM	1	1	22.47	22.50	22.55	24.00
	DFT-s-OFDM 64QAM	1	1	20.89	20.96	21.00	22.50
	DFT-s-OFDM 256QAM	1	1	19.06	18.96	18.99	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
505000					507000	509000	
50MHz	CP-OFDM QPSK	1	1	21.38	21.42	21.45	22.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	23.45	23.46	23.54	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	23.47	23.59	23.58	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	23.48	23.59	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	23.51	23.48	23.60	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	23.54	23.49	23.60	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	23.45	23.46	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	23.58	23.51	23.63	25.00

N7 DSI3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.70	17.76	17.74	19.00
		1	135	17.68	17.71	17.82	19.00
		1	268	17.64	17.78	17.75	19.00
		135	0	17.75	17.82	17.73	19.00
		135	68	17.76	17.70	17.75	19.00
		135	135	17.74	17.72	17.81	19.00
	DFT-s-OFDM QPSK	270	0	17.70	17.79	17.71	19.00
		1	1	17.73	17.87	17.76	19.00
		1	135	17.63	17.83	17.71	19.00
		1	268	17.75	17.79	17.78	19.00
		135	0	17.66	17.72	17.79	19.00
		135	68	17.74	17.83	17.82	19.00
		135	135	17.62	17.72	17.74	19.00
		270	0	17.67	17.73	17.71	19.00
	DFT-s-OFDM 16QAM	1	1	17.70	17.81	17.80	19.00

	DFT-s-OFDM 64QAM	1	1	17.62	17.72	17.70	19.00
	DFT-s-OFDM 256QAM	1	1	17.75	17.80	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	17.54	17.49	17.60	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	17.52	17.52	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	17.46	17.49	17.58	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.53	17.56	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.49	17.48	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.47	17.50	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.45	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.49	17.47	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.55	17.42	17.60	19.00

N7 DSI3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.71	17.82	17.82	19.00
		1	67	17.63	17.74	17.73	19.00
		1	131	17.67	17.81	17.81	19.00
		64	0	17.66	17.70	17.75	19.00
		64	35	17.75	17.83	17.76	19.00

	DFT-s-OFDM QPSK	64	69	17.71	17.72	17.71	19.00
		128	0	17.71	17.83	17.75	19.00
		1	1	17.74	17.82	17.72	19.00
		1	67	17.74	17.75	17.73	19.00
		1	131	17.70	17.76	17.71	19.00
		64	0	17.63	17.80	17.80	19.00
		64	35	17.70	17.78	17.72	19.00
		64	69	17.73	17.71	17.80	19.00
	128	0	17.65	17.81	17.77	19.00	
		DFT-s-OFDM 16QAM	1	1	17.67	17.76	17.82
	DFT-s-OFDM 64QAM	1	1	17.75	17.80	17.78	19.00
	DFT-s-OFDM 256QAM	1	1	17.71	17.77	17.70	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505000	507000	509000	
50MHz	CP-OFDM QPSK	1	1	17.57	17.46	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM QPSK	1	1	17.52	17.55	17.63	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503500	507000	510500	
35MHz	DFT-s-OFDM QPSK	1	1	17.47	17.58	17.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.53	17.56	17.55	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.49	17.48	17.54	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	17.47	17.50	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.45	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.49	17.47	17.64	19.00

N7 DSI1 For ENDC				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				505000	507000	509000	
				2525	2535	2545	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.42	13.53	13.39	14.50
		1	135	13.27	13.43	13.37	14.50
		1	268	13.44	13.46	13.45	14.50
		135	0	13.45	13.51	13.47	14.50
		135	68	13.30	13.53	13.44	14.50
		135	135	13.38	13.42	13.33	14.50
		270	0	13.43	13.37	13.52	14.50
	DFT-s-OFDM QPSK	1	1	13.37	13.53	13.50	14.50
		1	135	13.35	13.47	13.42	14.50
		1	268	13.41	13.48	13.41	14.50
		135	0	13.43	13.43	13.34	14.50
		135	68	13.28	13.53	13.37	14.50
		135	135	13.35	13.42	13.36	14.50
		270	0	13.35	13.33	13.38	14.50
	DFT-s-OFDM 16QAM	1	1	13.34	13.44	13.55	14.50
	DFT-s-OFDM 64QAM	1	1	13.37	13.57	13.51	14.50
	DFT-s-OFDM 256QAM	1	1	13.38	13.42	13.49	14.50
	Bandwidth	Modulation	RB size	RB offset	Channel 505000	Channel 507000	Channel 509000
50MHz	CP-OFDM QPSK	1	1	13.28	13.43	13.46	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	13.30	13.49	13.43	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 503500	Channel 507000	Channel 510500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	13.41	13.42	13.44	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	13.40	13.41	13.38	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	13.37	13.54	13.42	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	13.41	13.54	13.42	14.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	13.37	13.52	13.47	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	13.41	13.43	13.36	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	13.33	13.49	13.43	14.50

N7 DSI1 For ENDC				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				505000	507000	509000		
				2525	2535	2545		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	13.40	13.47	13.41	14.50	
		1	67	13.40	13.50	13.38	14.50	
		1	131	13.45	13.45	13.36	14.50	
		64	0	13.33	13.47	13.49	14.50	
		64	35	13.45	13.44	13.34	14.50	
		64	69	13.43	13.46	13.48	14.50	
		128	0	13.28	13.40	13.36	14.50	
	DFT-s-OFDM QPSK	1	1	13.42	13.41	13.55	14.50	
		1	67	13.33	13.49	13.45	14.50	
		1	131	13.37	13.50	13.37	14.50	
		64	0	13.38	13.37	13.46	14.50	
		64	35	13.50	13.38	13.42	14.50	
		64	69	13.38	13.38	13.43	14.50	
		128	0	13.24	13.53	13.52	14.50	
	DFT-s-OFDM 16QAM	1	1	13.40	13.51	13.41	14.50	
	DFT-s-OFDM 64QAM	1	1	13.35	13.42	13.40	14.50	
	DFT-s-OFDM 256QAM	1	1	13.43	13.47	13.49	14.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					505000	507000	509000	
	50MHz	CP-OFDM QPSK	1	1	13.33	13.51	13.43	14.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000		
40MHz	DFT-s-OFDM QPSK	1	1	13.39	13.55	13.38	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503500	507000	510500		
35MHz	DFT-s-OFDM QPSK	1	1	13.38	13.42	13.43	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503000	507000	511000		
30MHz	DFT-s-OFDM QPSK	1	1	13.43	13.41	13.48	14.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502500	507000	511500		

25MHz	DFT-s-OFDM QPSK	1	1	13.31	13.53	13.48	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	13.29	13.41	13.41	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	13.31	13.52	13.35	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	13.36	13.43	13.44	14.50

N66 DS11				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346500	349000	351500		
				1735	1745	1755		
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.44	16.52	16.50	17.50	
		1	120	16.46	16.43	16.50	17.50	
		1	240	16.44	16.41	16.42	17.50	
		120	0	16.36	16.47	16.42	17.50	
		120	60	16.40	16.49	16.46	17.50	
		120	120	16.39	16.50	16.52	17.50	
		240	0	16.44	16.48	16.40	17.50	
	DFT-s-OFDM QPSK	1	1	16.41	16.57	16.41	17.50	
		1	120	16.39	16.42	16.50	17.50	
		1	240	16.38	16.41	16.48	17.50	
		120	0	16.34	16.44	16.43	17.50	
		120	60	16.35	16.53	16.39	17.50	
		120	120	16.36	16.43	16.42	17.50	
		240	0	16.45	16.53	16.47	17.50	
	DFT-s-OFDM 16QAM	1	1	16.42	16.53	16.52	17.50	
	DFT-s-OFDM 64QAM	1	1	16.42	16.43	16.52	17.50	
	DFT-s-OFDM 256QAM	1	1	16.33	16.45	16.48	17.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					346500	349000	351500	
	45MHz	CP-OFDM QPSK	1	1	16.18	16.21	16.30	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000		
40MHz	DFT-s-OFDM QPSK	1	1	16.27	16.23	16.25	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				345500	349000	352500		

35MHz	DFT-s-OFDM QPSK	1	1	16.24	16.16	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.18	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	16.17	16.24	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.28	16.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	16.25	16.16	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	16.21	16.19	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	16.14	16.28	16.34	17.50

N66 DS11				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1740	1745	1750	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.44	16.54	16.50	17.50
		1	59	16.33	16.47	16.46	17.50
		1	117	16.43	16.46	16.46	17.50
		54	0	16.38	16.46	16.42	17.50
		54	27	16.32	16.53	16.51	17.50
		54	54	16.39	16.40	16.41	17.50
	DFT-s-OFDM QPSK	108	0	16.46	16.45	16.46	17.50
		1	1	16.38	16.51	16.40	17.50
		1	59	16.42	16.49	16.48	17.50
		1	117	16.35	16.45	16.39	17.50
		54	0	16.38	16.49	16.46	17.50
		54	27	16.34	16.51	16.40	17.50
	DFT-s-OFDM 16QAM	54	54	16.41	16.43	16.49	17.50
		108	0	16.42	16.54	16.50	17.50
		1	1	16.39	16.47	16.46	17.50
		1	1	16.38	16.50	16.49	17.50

	DFT-s-OFDM 256QAM	1	1	16.41	16.52	16.51	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 346500	Channel 349000	Channel 351500	Tune up
45MHz	CP-OFDM QPSK	1	1	16.23	16.16	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.20	16.18	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 345500	Channel 349000	Channel 352500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	16.23	16.21	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.15	16.25	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	16.20	16.21	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.19	16.16	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.18	16.19	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.27	16.23	16.21	17.50

N66 DS12				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346500	Channel 349000	Channel 351500	Tune up
				1735	1745	1755	
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.55	23.56	23.64	25.00
		1	120	23.65	23.57	23.53	25.00
		1	240	23.44	23.48	23.45	25.00
		120	0	23.04	23.13	23.11	24.50
		120	60	23.77	23.76	23.76	25.00
		120	120	23.19	23.11	23.13	24.50
	DFT-s-OFDM QPSK	240	0	23.18	23.22	23.24	24.50
		1	1	23.74	23.89	23.86	25.00
		1	120	23.54	23.59	23.59	25.00
		1	240	23.53	23.39	23.54	25.00
		120	0	22.60	22.74	22.68	24.00

		120	60	23.68	23.78	23.77	25.00
		120	120	22.65	22.55	22.66	24.00
		240	0	22.61	22.66	22.65	24.00
	DFT-s-OFDM 16QAM	1	1	22.66	22.50	22.64	24.00
	DFT-s-OFDM 64QAM	1	1	21.02	21.08	21.16	22.50
	DFT-s-OFDM 256QAM	1	1	19.13	19.04	19.07	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 346500	Channel 349000	Channel 351500	Tune up
45MHz	CP-OFDM QPSK	1	1	21.50	21.53	21.48	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	23.61	23.58	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 345500	Channel 349000	Channel 352500	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	23.67	23.62	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.65	23.67	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	23.56	23.66	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.60	23.55	23.75	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.61	23.65	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.55	23.57	23.71	25.00
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.63	23.60	23.68	25.00

N66 DS12				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346500	349000	351500	
				1740	1745	1750	

45MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.55	23.57	23.64	25.00	
		1	59	23.58	23.61	23.57	25.00	
		1	117	23.46	23.49	23.46	25.00	
		54	0	23.12	23.12	23.03	24.50	
		54	27	23.80	23.65	23.79	25.00	
		54	54	23.11	23.15	23.15	24.50	
		108	0	23.15	23.18	23.17	24.50	
	DFT-s-OFDM QPSK	1	1	23.77	23.82	23.80	25.00	
		1	59	23.52	23.61	23.54	25.00	
		1	117	23.51	23.51	23.50	25.00	
		54	0	22.65	22.66	22.73	24.00	
		54	27	23.80	23.86	23.83	25.00	
		54	54	22.64	22.67	22.68	24.00	
	DFT-s-OFDM 16QAM	1	1	22.58	22.56	22.54	24.00	
		1	1	20.98	21.13	21.12	22.50	
		1	1	19.10	19.04	19.11	20.50	
	Bandwidth	Modulation	RB size	RB offset	Channel 346500	Channel 349000	Channel 351500	Tune up
	45MHz	CP-OFDM QPSK	1	1	21.54	21.45	21.51	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up	
40MHz	DFT-s-OFDM QPSK	1	1	23.66	23.58	23.67	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 345500	Channel 349000	Channel 352500	Tune up	
35MHz	DFT-s-OFDM QPSK	1	1	23.66	23.64	23.70	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.64	23.63	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 344500	Channel 349000	Channel 353500	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	23.59	23.59	23.64	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up	
20MHz	DFT-s-OFDM QPSK	1	1	23.61	23.67	23.72	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up	
15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.61	23.62	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up	



10MHz	DFT-s-OFDM QPSK	1	1	23.62	23.64	23.70	25.00
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N66 DSI3&4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				346500	349000	351500		
				1735	1745	1755		
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.84	19.01	18.99	20.00	
		1	120	18.92	19.01	18.92	20.00	
		1	240	18.94	18.97	18.90	20.00	
		120	0	18.90	18.94	18.94	20.00	
		120	60	18.92	18.94	18.93	20.00	
		120	120	18.89	18.96	18.98	20.00	
		240	0	18.93	18.92	19.01	20.00	
	DFT-s-OFDM QPSK	1	1	18.86	19.12	18.96	20.00	
		1	120	18.83	19.02	18.91	20.00	
		1	240	18.95	18.92	19.01	20.00	
		120	0	18.89	18.94	19.01	20.00	
		120	60	18.85	19.01	18.99	20.00	
		120	120	18.92	19.01	18.94	20.00	
		240	0	18.88	19.01	18.97	20.00	
	DFT-s-OFDM 16QAM	1	1	18.85	18.99	19.00	20.00	
	DFT-s-OFDM 64QAM	1	1	18.93	18.90	18.95	20.00	
	DFT-s-OFDM 256QAM	1	1	18.75	18.74	18.85	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	45MHz	CP-OFDM QPSK	1	1	18.72	18.72	18.84	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	40MHz	DFT-s-OFDM QPSK	1	1	18.68	18.69	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
35MHz	DFT-s-OFDM QPSK	1	1	18.66	18.77	18.81	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
30MHz	DFT-s-OFDM QPSK	1	1	18.72	18.66	18.80	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
25MHz	DFT-s-OFDM QPSK	1	1	18.71	18.74	18.72	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				344000	349000	354000		

20MHz	DFT-s-OFDM QPSK	1	1	18.75	18.73	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.69	18.72	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.76	18.78	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.69	18.66	18.75	20.00

N66 DSI3&4				Conducted Power(dBm)							
SCS 30kHz											
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				346500	349000	351500					
				1740	1745	1750					
45MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.86	18.91	18.94	20.00				
		1	59	18.88	19.02	18.97	20.00				
		1	117	18.86	18.94	18.90	20.00				
		54	0	18.83	18.96	18.95	20.00				
		54	27	18.89	18.95	19.03	20.00				
		54	54	18.87	19.03	18.91	20.00				
	DFT-s-OFDM QPSK	1	1	18.88	18.96	18.93	20.00				
		1	59	18.88	18.94	19.00	20.00				
		1	117	18.91	19.00	18.94	20.00				
		54	0	18.82	19.03	18.91	20.00				
		54	27	18.92	19.04	19.03	20.00				
		54	54	18.92	19.03	18.98	20.00				
	DFT-s-OFDM 16QAM	1	1	18.95	18.91	18.94	20.00				
		DFT-s-OFDM 64QAM	1	1	18.85	18.93	18.92	20.00			
			DFT-s-OFDM 256QAM	1	1	18.75	18.67	18.73	19.50		
				Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
								346500	349000	351500	
	45MHz	CP-OFDM QPSK	1	1	18.72	18.72	18.73	20.00			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				346000	349000	352000					
40MHz	DFT-s-OFDM QPSK	1	1	18.74	18.75	18.74	20.00				
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up				
				345500	349000	352500					

35MHz	DFT-s-OFDM QPSK	1	1	18.75	18.71	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	18.76	18.76	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	
25MHz	DFT-s-OFDM QPSK	1	1	18.75	18.74	18.84	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.68	18.74	18.73	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.64	18.68	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.67	18.76	18.76	20.00

N38 DSI1&3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.25	18.22	18.26	19.50
		1	53	18.22	18.22	18.21	19.50
		1	104	18.14	18.23	18.24	19.50
		50	0	18.19	18.25	18.25	19.50
		50	28	18.17	18.21	18.22	19.50
		50	56	18.25	18.27	18.27	19.50
		100	0	18.14	18.29	18.33	19.50
	DFT-s-OFDM QPSK	1	1	18.18	18.46	18.22	19.50
		1	53	18.13	18.26	18.30	19.50
		1	104	18.19	18.26	18.31	19.50
		50	0	18.15	18.34	18.19	19.50
		50	28	18.17	18.31	18.31	19.50
		50	56	18.18	18.33	18.22	19.50
	DFT-s-OFDM 16QAM	1	1	18.22	18.32	18.25	19.50
1		1	18.21	18.27	18.24	19.50	
1		1	18.19	18.25	18.32	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM	1	1	17.97	18.07	18.07	19.50

QPSK							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.98	17.96	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	17.94	18.01	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.97	18.08	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.01	18.03	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.94	18.00	18.08	19.50

N38 DSI1&3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.17	18.30	18.28	19.50
		1	108	18.25	18.23	18.21	19.50
		1	214	18.16	18.22	18.29	19.50
		108	0	18.22	18.29	18.29	19.50
		108	54	18.19	18.24	18.20	19.50
		108	108	18.20	18.31	18.30	19.50
		216	0	18.22	18.22	18.24	19.50
	DFT-s-OFDM QPSK	1	1	18.12	18.33	18.23	19.50
		1	108	18.20	18.22	18.32	19.50
		1	214	18.17	18.32	18.25	19.50
		108	0	18.14	18.32	18.23	19.50
		108	54	18.18	18.32	18.25	19.50
		108	108	18.12	18.27	18.30	19.50
			216	0	18.19	18.21	18.28
	DFT-s-OFDM 16QAM	1	1	18.23	18.29	18.25	19.50
	DFT-s-OFDM 64QAM	1	1	18.21	18.24	18.30	19.50
	DFT-s-OFDM 256QAM	1	1	18.25	18.21	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	18.06	18.03	18.02	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.97	17.99	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	18.03	18.00	18.07	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.99	18.07	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	18.05	18.02	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.04	17.98	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	18.02	18.06	18.13	19.50

N38 DSI2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.46	23.48	23.51	25.00
		1	53	23.48	23.50	23.54	25.00
		1	104	23.40	23.39	23.41	25.00
		50	0	22.95	23.02	22.90	24.50
		50	28	23.57	23.64	23.59	25.00
		50	56	23.02	23.11	23.01	24.50
	DFT-s-OFDM QPSK	100	0	23.02	23.07	23.13	24.50
		1	1	23.74	23.88	23.76	25.00
		1	53	23.38	23.56	23.49	25.00
		1	104	23.37	23.30	23.48	25.00
		50	0	22.62	22.61	22.63	24.00
		50	28	23.71	23.72	23.77	25.00
	DFT-s-OFDM 16QAM	50	56	22.54	22.52	22.54	24.00
		100	0	22.55	22.60	22.61	24.00
		1	1	22.44	22.46	22.51	24.00
		1	1	20.96	21.04	20.98	22.50
DFT-s-OFDM 64QAM	1	1	18.97	18.88	18.99	20.50	
	1	1					
DFT-s-OFDM 256QAM	1	1					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.39	21.38	21.40	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.45	23.46	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	23.55	23.55	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.44	23.57	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.50	23.47	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.54	23.53	23.60	25.00

N38 DS12				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.47	23.49	25.00
		1	108	23.55	23.54	23.43	25.00
		1	214	23.34	23.31	23.38	25.00
		108	0	23.03	23.04	22.97	24.50
		108	54	23.63	23.61	23.71	25.00
		108	108	23.07	23.09	23.01	24.50
	DFT-s-OFDM QPSK	1	1	23.67	23.72	23.72	25.00
		1	108	23.46	23.49	23.47	25.00
		1	214	23.38	23.34	23.45	25.00
		108	0	22.64	22.64	22.64	24.00
		108	54	23.57	23.65	23.76	25.00
		108	108	22.45	22.57	22.52	24.00
	DFT-s-OFDM 16QAM	1	1	22.55	22.48	22.47	24.00
		1	1	20.89	20.99	20.99	22.50
		1	1	18.97	18.93	18.99	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel

				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.37	21.46	21.36	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.51	23.46	23.51	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516500	519000	521500	
25MHz	DFT-s-OFDM QPSK	1	1	23.51	23.51	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.48	23.48	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.51	23.46	23.58	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.53	23.58	23.58	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				514500	519000	523500	
5MHz	DFT-s-OFDM QPSK	1	1	23.56	23.51	23.65	25.00

N41 DSI1&3&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.53	18.60	18.61	19.50
		1	137	18.49	18.58	18.51	19.50
		1	271	18.52	18.59	18.56	19.50
		135	0	18.47	18.64	18.62	19.50
		135	69	18.45	18.64	18.59	19.50
		135	138	18.45	18.61	18.56	19.50
		270	0	18.43	18.59	18.57	19.50
	DFT-s-OFDM QPSK	1	1	18.47	18.71	18.53	19.50
		1	137	18.46	18.59	18.49	19.50
		1	271	18.48	18.53	18.54	19.50
		135	0	18.44	18.54	18.55	19.50
		135	69	18.50	18.61	18.49	19.50
		135	138	18.49	18.60	18.57	19.50
		270	0	18.46	18.66	18.62	19.50
	DFT-s-OFDM 16QAM	1	1	18.52	18.57	18.63	19.50
	DFT-s-OFDM 64QAM	1	1	18.54	18.59	18.51	19.50

	DFT-s-OFDM 256QAM	1	1	18.44	18.64	18.49	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.94	17.99	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.05	18.05	18.03	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.96	18.03	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.06	18.01	18.01	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.04	18.02	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.02	18.02	18.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	18.06	17.98	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.04	18.04	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	18.00	17.97	18.12	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.02	18.01	18.05	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	18.07	18.04	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.06	17.96	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	17.94	17.98	18.06	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	18.05	17.97	18.09	19.50

N41 DSI1&3&4				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504204	518598	532998		
				2521.02	2592.99	2664.99		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.47	18.61	18.62	19.50	
		1	135	18.44	18.53	18.60	19.50	
		1	268	18.54	18.61	18.62	19.50	
		135	0	18.54	18.57	18.59	19.50	
		135	68	18.48	18.52	18.51	19.50	
		135	135	18.51	18.64	18.57	19.50	
		270	0	18.43	18.57	18.62	19.50	
	DFT-s-OFDM QPSK	1	1	18.51	18.56	18.54	19.50	
		1	135	18.46	18.56	18.60	19.50	
		1	268	18.44	18.54	18.62	19.50	
		135	0	18.43	18.51	18.62	19.50	
		135	68	18.53	18.59	18.53	19.50	
		135	135	18.43	18.51	18.56	19.50	
		270	0	18.48	18.51	18.49	19.50	
	DFT-s-OFDM 16QAM	1	1	18.51	18.56	18.57	19.50	
	DFT-s-OFDM 64QAM	1	1	18.50	18.57	18.54	19.50	
	DFT-s-OFDM 256QAM	1	1	18.46	18.54	18.52	19.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					504204	518598	532998	
	50MHz	CP-OFDM QPSK	1	1	17.95	18.01	18.09	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496		
45MHz	DFT-s-OFDM QPSK	1	1	18.06	18.08	18.09	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503202	518598	534000		
40MHz	DFT-s-OFDM QPSK	1	1	18.05	18.05	18.02	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502698	518598	534492		
35MHz	DFT-s-OFDM QPSK	1	1	18.02	18.08	18.08	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502200	518598	534996		

30MHz	DFT-s-OFDM QPSK	1	1	18.04	18.08	18.08	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	18.05	18.05	18.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.01	17.96	18.10	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	18.02	18.00	18.11	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	17.99	18.06	18.09	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	507000	537504	
5MHz	DFT-s-OFDM QPSK	1	1	17.94	17.98	18.09	19.50

N41 DS12				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
				2546.01	2592.99	2640	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.66	23.65	23.60	25.00
		1	137	23.61	23.59	23.52	25.00
		1	271	23.39	23.43	23.46	25.00
		135	0	23.06	23.13	23.09	24.50
		135	69	23.69	23.67	23.82	25.00
		135	138	23.19	23.19	23.06	24.50
		270	0	23.09	23.08	23.20	24.50
	DFT-s-OFDM QPSK	1	1	23.77	23.90	23.86	25.00
		1	137	23.51	23.62	23.59	25.00
		1	271	23.53	23.45	23.51	25.00
		135	0	22.71	22.75	22.71	24.00
		135	69	23.70	23.87	23.87	25.00
		135	138	22.59	22.62	22.73	24.00
	DFT-s-OFDM 16QAM	1	1	22.57	22.61	22.64	24.00
		1	1	21.00	21.10	21.18	22.50
1		1	19.11	19.00	19.12	20.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM	1	1	21.53	21.50	21.57	22.50

	QPSK						
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.61	23.65	23.75	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.55	23.61	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.57	23.59	23.69	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.66	23.60	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.60	23.68	23.70	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	23.68	23.67	23.65	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.57	23.62	23.63	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	23.61	23.57	23.62	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.54	23.67	23.67	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	23.56	23.65	23.68	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.67	23.63	23.65	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	23.65	23.56	23.66	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	

10MHz	DFT-s-OFDM QPSK	1	1	23.64	23.68	23.66	25.00
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N41 DS12				Conducted Power(dBm)				
SCS 15kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				504204	518598	532998		
				2521.02	2592.99	2664.99		
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.54	23.68	23.70	25.00	
		1	135	23.59	23.63	23.58	25.00	
		1	268	23.40	23.51	23.53	25.00	
		135	0	23.08	23.13	23.07	24.50	
		135	68	23.73	23.76	23.81	25.00	
		135	135	23.12	23.08	23.09	24.50	
			270	0	23.16	23.20	23.21	24.50
		DFT-s-OFDM QPSK	1	1	23.73	23.82	23.82	25.00
			1	135	23.55	23.57	23.61	25.00
			1	268	23.43	23.50	23.48	25.00
			135	0	22.61	22.71	22.80	24.00
			135	68	23.70	23.82	23.81	25.00
			135	135	22.58	22.62	22.73	24.00
			270	0	22.58	22.74	22.72	24.00
		DFT-s-OFDM 16QAM	1	1	22.61	22.50	22.63	24.00
		DFT-s-OFDM 64QAM	1	1	21.05	21.04	21.10	22.50
		DFT-s-OFDM 256QAM	1	1	19.05	19.02	19.10	20.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998		
50MHz	CP-OFDM QPSK	1	1	21.59	21.48	21.43	22.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503700	518598	533496		
45MHz	DFT-s-OFDM QPSK	1	1	23.58	23.64	23.73	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				503202	518598	534000		
40MHz	DFT-s-OFDM QPSK	1	1	23.60	23.63	23.61	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502698	518598	534492		
35MHz	DFT-s-OFDM QPSK	1	1	23.56	23.58	23.70	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				502200	518598	534996		
30MHz	DFT-s-OFDM QPSK	1	1	23.55	23.69	23.69	25.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				501702	518598	535494		

25MHz	DFT-s-OFDM QPSK	1	1	23.59	23.57	23.73	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.56	23.68	23.66	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	
15MHz	DFT-s-OFDM QPSK	1	1	23.61	23.56	23.70	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	23.56	23.62	23.72	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	507000	537504	
5MHz	DFT-s-OFDM QPSK	1	1	23.65	23.63	23.67	25.00

7.5 Conducted Power of NR Antenna (Ant5)

N77 PC2 PC3 DS11				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.91	/	15.50
		1	137	/	15.04	/	15.50
		1	271	/	15.02	/	15.50
		135	0	/	15.03	/	15.50
		135	69	/	14.97	/	15.50
		135	138	/	14.98	/	15.50
		270	0	/	14.91	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.12	/	15.50
		1	137	/	15.00	/	15.50
		1	271	/	15.04	/	15.50
		135	0	/	15.04	/	15.50
		135	69	/	15.05	/	15.50
		135	138	/	14.99	/	15.50
		270	0	/	14.99	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.98	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	14.98	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	14.98	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.77	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.70	14.71	14.84	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.78	14.71	14.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	14.76	14.66	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.74	14.72	14.78	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.76	14.75	14.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.66	14.77	14.73	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	14.76	14.75	14.71	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.74	14.68	14.81	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	14.68	14.75	14.78	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	14.73	14.73	14.81	15.50

N77 PC2 PC3 DSI3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.93	/	18.50
		1	137	/	17.99	/	18.50

		1	271	/	18.01	/	18.50
		135	0	/	17.90	/	18.50
		135	69	/	17.91	/	18.50
		135	138	/	18.00	/	18.50
		270	0	/	17.97	/	18.50
	DFT-s-OFDM QPSK	1	1	/	18.21	/	18.50
		1	137	/	17.92	/	18.50
		1	271	/	17.97	/	18.50
		135	0	/	17.92	/	18.50
		135	69	/	17.96	/	18.50
		135	138	/	17.95	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	18.01	/	18.50
		1	1	/	17.90	/	18.50
		1	1	/	17.98	/	18.50
DFT-s-OFDM 64QAM	1	1	/	17.98	/	18.50	
DFT-s-OFDM 256QAM	1	1	/	17.98	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.71	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.65	17.68	17.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.76	17.75	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.69	17.68	17.78	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.71	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.75	17.75	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.77	17.77	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	17.74	17.78	17.73	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.64	17.70	17.85	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.76	17.75	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.75	17.65	17.75	18.50

N77 PC2 PC3 DS12				Conducted Power(dBm)				
SCS 30kHz(3450~3550)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.80	/	21.50	
		1	137	/	20.93	/	21.50	
		1	271	/	20.90	/	21.50	
		135	0	/	20.72	/	21.50	
		135	69	/	20.71	/	21.50	
		135	138	/	20.93	/	21.50	
		270	0	/	20.83	/	21.50	
	DFT-s-OFDM QPSK	1	1	/	21.08	/	21.50	
		1	137	/	20.78	/	21.50	
		1	271	/	20.82	/	21.50	
		135	0	/	20.77	/	21.50	
		135	69	/	20.98	/	21.50	
		135	138	/	20.90	/	21.50	
		270	0	/	20.90	/	21.50	
	DFT-s-OFDM 16QAM	1	1	/	20.80	/	21.50	
	DFT-s-OFDM 64QAM	1	1	/	20.83	/	21.50	
	DFT-s-OFDM 256QAM	1	1	/	20.85	/	21.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
	100MHz	CP-OFDM QPSK	1	1	/	20.80	/	21.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	20.47	20.53	20.79	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	20.51	20.56	20.68	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		

70MHz	DFT-s-OFDM QPSK	1	1	20.51	20.61	20.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.49	20.58	20.75	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.53	20.55	20.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.60	20.54	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.54	20.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.55	20.48	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.52	20.58	20.72	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.59	20.59	20.78	21.50

N77 PC2 PC3 DSI1 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.80	/	12.50
		1	137	/	11.85	/	12.50
		1	271	/	11.84	/	12.50
		135	0	/	11.90	/	12.50
		135	69	/	11.88	/	12.50
		135	138	/	11.92	/	12.50
		270	0	/	11.81	/	12.50
	DFT-s-OFDM QPSK	1	1	/	12.06	/	12.50
		1	137	/	11.84	/	12.50
		1	271	/	11.85	/	12.50
		135	0	/	11.85	/	12.50
		135	69	/	11.87	/	12.50
		135	138	/	11.90	/	12.50
						/	

		270	0	/	11.94	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.87	/	12.50
	DFT-s-OFDM 64QAM	1	1	/	11.84	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	11.83	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	11.88	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	11.70	11.53	11.68	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	11.68	11.51	11.67	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	11.70	11.53	11.64	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	11.73	11.55	11.67	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	11.66	11.64	11.56	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	11.60	11.55	11.56	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	11.64	11.52	11.64	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	11.70	11.60	11.67	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	11.59	11.51	11.63	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	11.69	11.65	11.62	12.50

				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	14.68	14.78	14.77	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	14.71	14.76	14.71	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	14.66	14.66	14.72	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	14.69	14.67	14.73	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	14.76	14.74	14.76	15.50

N77 PC2 PC3 DSI2&3&4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750	3840	3930		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.97	17.97	18.01	18.50	
		1	137	17.95	17.99	17.92	18.50	
		1	271	17.97	17.94	17.97	18.50	
		135	0	17.93	17.92	17.91	18.50	
		135	69	18.01	18.02	17.97	18.50	
		135	138	18.02	17.96	17.92	18.50	
		270	0	18.03	17.95	18.00	18.50	
	DFT-s-OFDM QPSK	1	1	17.97	18.18	17.90	18.50	
		1	137	18.03	18.00	18.00	18.50	
		1	271	17.95	17.97	17.99	18.50	
		135	0	18.00	17.98	17.98	18.50	
		135	69	18.01	18.05	17.94	18.50	
		135	138	17.96	18.01	18.01	18.50	
		270	0	17.92	17.94	17.93	18.50	
	DFT-s-OFDM 16QAM	1	1	17.97	17.93	17.99	18.50	
	DFT-s-OFDM 64QAM	1	1	18.02	18.02	17.92	18.50	
	DFT-s-OFDM 256QAM	1	1	18.02	17.99	17.99	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					650000	656000	662000	
	100MHz	CP-OFDM QPSK	1	1	17.68	17.77	17.82	18.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332		

90MHz	DFT-s-OFDM QPSK	1	1	17.70	17.75	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	17.71	17.65	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.75	17.71	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.69	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.69	17.74	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	17.72	17.72	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.68	17.71	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	17.68	17.70	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.68	17.78	17.76	18.50

N77 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.78	20.79	20.89	21.50
		1	137	20.81	20.88	20.81	21.50
		1	271	20.89	20.88	20.91	21.50
		135	0	20.81	20.82	20.77	21.50
		135	69	20.88	20.87	20.88	21.50
		135	138	20.95	20.77	20.73	21.50

		270	0	20.85	20.75	20.93	21.50
	DFT-s-OFDM QPSK	1	1	20.86	21.03	20.81	21.50
		1	137	20.87	20.84	20.88	21.50
		1	271	20.79	20.89	20.90	21.50
		135	0	20.94	20.90	20.79	21.50
		135	69	20.96	20.98	20.74	21.50
		135	138	20.90	20.84	20.84	21.50
		270	0	20.76	20.86	20.78	21.50
	DFT-s-OFDM 16QAM	1	1	20.91	20.87	20.88	21.50
	DFT-s-OFDM 64QAM	1	1	20.93	20.92	20.80	21.50
	DFT-s-OFDM 256QAM	1	1	20.88	20.90	20.82	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	20.77	20.79	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.83	20.73	20.72	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.82	20.74	20.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 656000	Channel 663000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.79	20.86	20.77	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.77	20.81	20.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.74	20.73	20.79	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.85	20.83	20.83	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.76	20.81	20.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.83	20.73	20.84	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	11.61	11.61	11.62	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	11.69	11.64	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	11.71	11.57	11.68	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	11.68	11.56	11.68	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	11.60	11.62	11.61	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	11.71	11.61	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	11.68	11.55	11.57	12.50

N78 PC2 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.94	/	15.50
		1	137	/	15.01	/	15.50
		1	271	/	15.02	/	15.50
		135	0	/	15.00	/	15.50
		135	69	/	14.98	/	15.50
		135	138	/	14.97	/	15.50
		270	0	/	14.94	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.08	/	15.50
		1	137	/	14.93	/	15.50
		1	271	/	14.95	/	15.50
		135	0	/	14.93	/	15.50
		135	69	/	15.03	/	15.50
		135	138	/	14.99	/	15.50
DFT-s-OFDM 16QAM	1	1	/	14.91	/	15.50	

	DFT-s-OFDM 64QAM	1	1	/	15.00	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	14.98	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.67	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.69	14.69	14.85	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.67	14.73	14.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	14.75	14.66	14.76	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.71	14.65	14.81	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.71	14.77	14.71	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.71	14.67	14.72	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	14.70	14.65	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.71	14.78	14.82	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	14.73	14.72	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	14.76	14.73	14.85	15.50

N78 PC2 PC3 DSI2&3&4	Conducted Power(dBm)
SCS 30kHz(3450~3550)	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	633334	/		
				/	3500	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.92	/	18.50	
		1	137	/	17.93	/	18.50	
		1	271	/	17.92	/	18.50	
		135	0	/	17.91	/	18.50	
		135	69	/	17.93	/	18.50	
		135	138	/	17.90	/	18.50	
		270	0	/	18.03	/	18.50	
	DFT-s-OFDM QPSK	1	1	/	18.16	/	18.50	
		1	137	/	17.99	/	18.50	
		1	271	/	17.95	/	18.50	
		135	0	/	17.91	/	18.50	
		135	69	/	18.03	/	18.50	
		135	138	/	18.03	/	18.50	
	DFT-s-OFDM 16QAM	1	1	/	17.91	/	18.50	
	DFT-s-OFDM 64QAM	1	1	/	17.98	/	18.50	
	DFT-s-OFDM 256QAM	1	1	/	17.97	/	18.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
					/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.75	/	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				633000	633334	633668		
90MHz	DFT-s-OFDM QPSK	1	1	17.73	17.69	17.71	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632668	633334	634000		
80MHz	DFT-s-OFDM QPSK	1	1	17.72	17.73	17.74	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632334	633334	634332		
70MHz	DFT-s-OFDM QPSK	1	1	17.69	17.74	17.71	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				632000	633334	634668		
60MHz	DFT-s-OFDM QPSK	1	1	17.67	17.74	17.74	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631668	633334	635000		
50MHz	DFT-s-OFDM QPSK	1	1	17.66	17.74	17.76	18.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				631334	633334	635334		
40MHz	DFT-s-OFDM QPSK	1	1	17.75	17.75	17.84	18.50	

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.65	17.68	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.73	17.77	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	17.65	17.77	17.82	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	17.75	17.72	17.80	18.50

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.82	/	21.50
		1	137	/	20.73	/	21.50
		1	271	/	20.82	/	21.50
		135	0	/	20.86	/	21.50
		135	69	/	20.81	/	21.50
		135	138	/	20.83	/	21.50
	DFT-s-OFDM QPSK	270	0	/	20.91	/	21.50
		1	1	/	21.03	/	21.50
		1	137	/	20.85	/	21.50
		1	271	/	20.75	/	21.50
		135	0	/	20.73	/	21.50
		135	69	/	20.87	/	21.50
	DFT-s-OFDM 16QAM	135	138	/	20.91	/	21.50
		270	0	/	20.91	/	21.50
		1	1	/	20.73	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.92	/	21.50
DFT-s-OFDM 256QAM	1	1	/	20.85	/	21.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	20.46	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.37	20.30	20.18	21.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.37	20.27	20.24	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	20.27	20.32	20.17	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.38	20.33	20.17	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.37	20.29	20.29	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.32	20.37	20.19	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	20.32	20.30	20.23	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.32	20.27	20.25	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	20.35	20.28	20.18	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	20.27	20.26	20.14	21.50

N78 PC2 PC3 DSI1 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.85	/	12.50
		1	137	/	11.83	/	12.50
		1	271	/	11.88	/	12.50
		135	0	/	11.86	/	12.50
		135	69	/	11.84	/	12.50
		135	138	/	11.87	/	12.50
		270	0	/	11.81	/	12.50
	DFT-s-OFDM		1	1	/	11.95	/

	QPSK	1	137	/	11.79	/	12.50
		1	271	/	11.81	/	12.50
		135	0	/	11.84	/	12.50
		135	69	/	11.91	/	12.50
		135	138	/	11.86	/	12.50
		270	0	/	11.86	/	12.50
	DFT-s-OFDM 16QAM	1	1	/	11.72	/	12.50
DFT-s-OFDM 64QAM	1	1	/	11.94	/	12.50	
DFT-s-OFDM 256QAM	1	1	/	11.88	/	12.50	
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	11.55	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	11.71	11.56	11.69	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	11.61	11.58	11.60	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	11.65	11.55	11.69	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	11.71	11.53	11.68	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	11.63	11.60	11.62	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	11.62	11.62	11.65	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	11.72	11.63	11.65	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	11.73	11.64	11.63	12.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636166	Tune up

15MHz	DFT-s-OFDM QPSK	1	1	11.60	11.60	11.67	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	11.70	11.59	11.67	12.50

N78 PC2 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.00	/	15.50
		1	137	/	14.98	/	15.50
		1	271	/	14.90	/	15.50
		135	0	/	14.98	/	15.50
		135	69	/	14.90	/	15.50
		135	138	/	14.91	/	15.50
		270	0	/	14.95	/	15.50
	DFT-s-OFDM QPSK	1	1	/	15.11	/	15.50
		1	137	/	15.02	/	15.50
		1	271	/	15.04	/	15.50
		135	0	/	14.94	/	15.50
		135	69	/	14.94	/	15.50
		135	138	/	14.95	/	15.50
		270	0	/	14.96	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	15.01	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	15.03	/	15.50
	DFT-s-OFDM 256QAM	1	1	/	14.91	/	15.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	14.69	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	14.77	14.79	14.83	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	14.74	14.75	14.79	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	14.77	14.69	14.75	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

60MHz	DFT-s-OFDM QPSK	1	1	14.74	14.75	14.84	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	14.73	14.79	14.74	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	14.71	14.72	14.77	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	14.72	14.67	14.85	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	14.65	14.73	14.80	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	14.72	14.65	14.82	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	14.69	14.66	14.80	15.50

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.03	/	18.50
		1	137	/	18.02	/	18.50
		1	271	/	18.00	/	18.50
		135	0	/	17.91	/	18.50
		135	69	/	18.02	/	18.50
		135	138	/	17.94	/	18.50
		270	0	/	18.01	/	18.50
	DFT-s-OFDM QPSK	1	1	/	18.12	/	18.50
		1	137	/	17.98	/	18.50
		1	271	/	18.02	/	18.50
		135	0	/	18.04	/	18.50
		135	69	/	18.03	/	18.50
		135	138	/	18.01	/	18.50
		270	0	/	17.96	/	18.50
DFT-s-OFDM 16QAM	1	1	/	17.96	/	18.50	
DFT-s-OFDM 64QAM	1	1	/	17.99	/	18.50	

	DFT-s-OFDM 256QAM	1	1	/	17.97	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.76	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.71	17.73	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.77	17.67	17.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.77	17.76	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.68	17.84	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.68	17.74	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.72	17.83	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.76	17.68	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	17.75	17.79	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.69	17.79	18.50

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3700-3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.53	/	21.50
		1	137	/	20.45	/	21.50
		1	271	/	20.47	/	21.50
		135	0	/	20.41	/	21.50
		135	69	/	20.45	/	21.50
		135	138	/	20.35	/	21.50
		270	0	/	20.56	/	21.50
	DFT-s-OFDM QPSK	1	1	/	20.65	/	21.50
		1	137	/	20.41	/	21.50
		1	271	/	20.51	/	21.50
		135	0	/	20.45	/	21.50
		135	69	/	20.44	/	21.50
		135	138	/	20.52	/	21.50
	DFT-s-OFDM 16QAM	1	1	/	20.45	/	21.50
	DFT-s-OFDM 64QAM	1	1	/	20.50	/	21.50
	DFT-s-OFDM 256QAM	1	1	/	20.45	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	20.46	/	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	20.43	20.59	20.35	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	20.52	20.60	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	20.41	20.53	20.42	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	20.42	20.51	20.37	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	20.43	20.45	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	20.42	20.48	20.36	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	20.54	20.57	20.48	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	20.44	20.46	20.46	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	20.45	20.58	20.45	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	20.50	20.50	20.44	21.50

N78 PC2 PC3 DSI1 For ENDC				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	11.87	/	12.50
		1	137	/	11.80	/	12.50
		1	271	/	11.74	/	12.50
		135	0	/	11.93	/	12.50
		135	69	/	11.71	/	12.50
		135	138	/	11.74	/	12.50
		270	0	/	11.83	/	12.50
	DFT-s-OFDM QPSK	1	1	/	12.01	/	12.50
		1	137	/	11.88	/	12.50
		1	271	/	11.87	/	12.50
		135	0	/	11.87	/	12.50
		135	69	/	11.83	/	12.50
		135	138	/	11.80	/	12.50
		270	0	/	11.89	/	12.50
		DFT-s-OFDM 16QAM	1	1	/	11.86	/
	DFT-s-OFDM 64QAM	1	1	/	11.89	/	12.50
	DFT-s-OFDM 256QAM	1	1	/	11.78	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	11.66	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	

90MHz	DFT-s-OFDM QPSK	1	1	11.70	11.61	11.55	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	11.68	11.62	11.69	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	11.61	11.56	11.65	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	11.69	11.55	11.57	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	11.61	11.61	11.56	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	11.64	11.63	11.60	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	11.68	11.56	11.61	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	11.59	11.51	11.66	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	11.67	11.53	11.60	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	11.67	11.62	11.64	12.50

7.6 Conducted Power of NR Antenna (Ant7)

N41 DS1&2&3&4				Conducted Power(dBm)				
SCS 30kHz								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				509202	518598	528000		
				2546.01	2592.99	2640		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.32	19.26	19.29	20.00	
		1	137	19.31	19.27	19.28	20.00	
		1	271	19.20	19.08	19.13	20.00	
		135	0	18.83	18.84	18.75	19.50	
		135	69	19.36	19.35	19.49	20.00	
		135	138	18.89	18.81	18.84	19.50	
		270	0	18.88	18.84	18.92	19.50	
	DFT-s-OFDM QPSK	1	1	19.52	19.63	19.61	20.00	
		1	137	19.18	19.34	19.33	20.00	
		1	271	19.14	19.16	19.16	20.00	
		135	0	18.31	18.43	18.38	19.00	
		135	69	19.42	19.60	19.58	20.00	
		135	138	18.33	18.28	18.38	19.00	
	DFT-s-OFDM 16QAM	1	1	18.23	18.26	18.31	19.00	
		1	1	16.69	16.77	16.86	17.50	
		1	1	14.83	14.80	14.88	15.50	
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
	100MHz	CP-OFDM QPSK	1	1	17.22	17.21	17.19	17.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.27	19.25	19.43	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				507204	518598	529998		

80MHz	DFT-s-OFDM QPSK	1	1	19.27	19.36	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.28	19.26	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.27	19.28	19.39	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.28	19.38	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 503700	Channel 518598	Channel 533496	Tune up
45MHz	DFT-s-OFDM QPSK	1	1	19.37	19.26	19.43	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.32	19.35	19.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502698	Channel 518598	Channel 534492	Tune up
35MHz	DFT-s-OFDM QPSK	1	1	19.26	19.38	19.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.32	19.36	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 501702	Channel 518598	Channel 535494	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.37	19.29	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.25	19.37	19.45	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 500700	Channel 518598	Channel 536496	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.38	19.33	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 500202	Channel 518598	Channel 537000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.35	19.30	19.32	20.00

N41 DS11&2&3&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up

				2521.02	2592.99	2664.99	
50MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.34	19.25	19.36	20.00
		1	135	19.35	19.26	19.32	20.00
		1	268	19.19	19.15	19.17	20.00
		135	0	18.73	18.73	18.69	19.50
		135	68	19.50	19.43	19.47	20.00
		135	135	18.79	18.81	18.75	19.50
		270	0	18.79	18.83	18.86	19.50
	DFT-s-OFDM QPSK	1	1	19.51	19.52	19.50	20.00
		1	135	19.19	19.38	19.35	20.00
		1	268	19.24	19.11	19.25	20.00
		135	0	18.44	18.44	18.51	19.00
		135	68	19.43	19.44	19.47	20.00
		135	135	18.37	18.24	18.33	19.00
		270	0	18.29	18.40	18.35	19.00
	DFT-s-OFDM 16QAM	1	1	18.33	18.29	18.34	19.00
DFT-s-OFDM 64QAM	1	1	16.78	16.73	16.89	17.50	
DFT-s-OFDM 256QAM	1	1	14.79	14.71	14.77	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	CP-OFDM QPSK	1	1	17.17	17.28	17.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503700	518598	533496	
45MHz	DFT-s-OFDM QPSK	1	1	19.32	19.31	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.24	19.29	19.33	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502698	518598	534492	
35MHz	DFT-s-OFDM QPSK	1	1	19.35	19.33	19.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.26	19.29	19.42	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501702	518598	535494	
25MHz	DFT-s-OFDM QPSK	1	1	19.27	19.25	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.28	19.32	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500700	518598	536496	

15MHz	DFT-s-OFDM QPSK	1	1	19.34	19.28	19.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500202	518598	537000	
10MHz	DFT-s-OFDM QPSK	1	1	19.35	19.38	19.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				499704	507000	537504	
5MHz	DFT-s-OFDM QPSK	1	1	19.36	19.36	19.41	20.00

N77 PC2 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.42	/	17.50
		1	137	/	16.46	/	17.50
		1	271	/	16.43	/	17.50
		135	0	/	16.50	/	17.50
		135	69	/	16.52	/	17.50
		135	138	/	16.53	/	17.50
	DFT-s-OFDM QPSK	270	0	/	16.46	/	17.50
		1	1	/	16.66	/	17.50
		1	137	/	16.46	/	17.50
		1	271	/	16.43	/	17.50
		135	0	/	16.53	/	17.50
		135	69	/	16.54	/	17.50
	DFT-s-OFDM 16QAM	135	138	/	16.43	/	17.50
		270	0	/	16.53	/	17.50
		1	1	/	16.54	/	17.50
		1	1	/	16.41	/	17.50
DFT-s-OFDM 64QAM	1	1	/	16.45	/	17.50	
DFT-s-OFDM 256QAM	1	1	/	16.45	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.17	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.24	16.29	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.27	16.25	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.22	16.15	16.25	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.27	16.26	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.16	16.26	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.28	16.26	16.28	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	16.20	16.25	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.15	16.18	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	16.18	16.24	16.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	16.24	16.24	16.33	17.50

N77 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.13	/	21.00
		1	137	/	20.10	/	21.00
		1	271	/	20.10	/	21.00
		135	0	/	20.08	/	21.00
		135	69	/	20.06	/	21.00
		135	138	/	20.05	/	21.00
		270	0	/	20.02	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.10	/	21.00
		1	137	/	20.07	/	21.00
		1	271	/	20.05	/	21.00
		135	0	/	20.02	/	21.00
		135	69	/	20.08	/	21.00
		135	138	/	20.05	/	21.00
		270	0	/	20.08	/	21.00
DFT-s-OFDM 16QAM	1	1	/	20.09	/	21.00	

	DFT-s-OFDM 64QAM	1	1	/	20.08	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	19.75	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.88	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.76	19.79	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.81	19.81	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.74	19.77	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.74	19.86	19.90	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.77	19.77	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.76	19.78	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.84	19.76	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.87	19.77	19.95	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	19.76	19.84	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	19.87	19.80	19.94	21.00

N77 PC2 PC3 DSI2&3&4	Conducted Power(dBm)
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SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.51	/	19.50
		1	137	/	18.49	/	19.50
		1	271	/	18.45	/	19.50
		135	0	/	18.46	/	19.50
		135	69	/	18.39	/	19.50
		135	138	/	18.42	/	19.50
		270	0	/	18.40	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.52	/	19.50
		1	137	/	18.42	/	19.50
		1	271	/	18.49	/	19.50
		135	0	/	18.36	/	19.50
		135	69	/	18.53	/	19.50
		135	138	/	18.40	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.40	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.47	/	19.50
DFT-s-OFDM 256QAM	1	1	/	18.10	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.38	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.26	18.29	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.31	18.31	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.24	18.27	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.24	18.36	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.27	18.27	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.26	18.28	18.32	19.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	18.34	18.26	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.37	18.27	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	18.26	18.34	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	18.37	18.30	18.44	19.50

N77 PC2 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.46	16.41	16.41	17.50
		1	137	16.44	16.50	16.49	17.50
		1	271	16.54	16.50	16.48	17.50
		135	0	16.53	16.52	16.52	17.50
		135	69	16.48	16.53	16.52	17.50
		135	138	16.44	16.52	16.52	17.50
	DFT-s-OFDM QPSK	270	0	16.54	16.45	16.43	17.50
		1	1	16.53	16.58	16.40	17.50
		1	137	16.46	16.47	16.51	17.50
		1	271	16.47	16.50	16.50	17.50
		135	0	16.51	16.46	16.41	17.50
		135	69	16.46	16.47	16.46	17.50
	DFT-s-OFDM 16QAM	135	138	16.51	16.52	16.41	17.50
		270	0	16.50	16.53	16.41	17.50
		1	1	16.47	16.50	16.52	17.50
	DFT-s-OFDM 64QAM	1	1	16.54	16.47	16.43	17.50
1		1	16.46	16.45	16.50	17.50	
1		1	16.46	16.45	16.50	17.50	
DFT-s-OFDM 256QAM	1	1	16.46	16.45	16.50	17.50	
	1	1	16.46	16.45	16.50	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	16.15	16.19	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	16.24	16.28	16.30	17.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	16.18	16.16	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	16.21	16.26	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	16.23	16.20	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	16.19	16.18	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	16.15	16.25	16.30	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.21	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	16.27	16.20	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	16.25	16.27	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	16.23	16.29	16.29	17.50

N77 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750	3840	3930	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.02	20.03	20.07	21.00
		1	137	20.04	20.02	20.13	21.00
		1	271	20.05	20.11	20.05	21.00
		135	0	20.01	20.14	20.02	21.00
		135	69	20.06	20.11	20.03	21.00
		135	138	20.14	20.07	20.05	21.00
	270	0	20.13	20.03	20.10	21.00	
	DFT-s-OFDM	1	1	20.07	20.11	20.02	21.00

	QPSK	1	137	20.06	20.08	20.05	21.00
		1	271	20.04	20.08	20.13	21.00
		135	0	20.07	20.07	20.11	21.00
		135	69	20.05	20.10	20.07	21.00
		135	138	20.06	20.10	20.01	21.00
		270	0	20.08	20.04	20.07	21.00
	DFT-s-OFDM 16QAM	1	1	20.13	20.09	20.03	21.00
	DFT-s-OFDM 64QAM	1	1	20.04	20.12	20.04	21.00
	DFT-s-OFDM 256QAM	1	1	19.83	19.80	19.83	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.88	19.87	19.86	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	19.79	19.76	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	19.75	19.84	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	656000	663000	
70MHz	DFT-s-OFDM QPSK	1	1	19.80	19.75	19.89	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.83	19.84	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.78	19.75	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.88	19.82	19.94	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	19.78	19.84	19.84	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	19.74	19.87	19.91	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	19.80	19.84	19.86	21.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	19.75	19.76	19.84	21.00

N77 PC2 PC3 DSI2&3&4				Conducted Power(dBm)				
SCS 30kHz(3700~3980)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				650000	656000	662000		
				3750	3840	3930		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.35	18.35	18.38	19.50	
		1	137	18.35	18.32	18.44	19.50	
		1	271	18.41	18.46	18.43	19.50	
		135	0	18.39	18.50	18.35	19.50	
		135	69	18.39	18.49	18.46	19.50	
		135	138	18.58	18.48	18.40	19.50	
			270	0	18.45	18.37	18.45	19.50
		DFT-s-OFDM QPSK	1	1	18.37	18.54	18.46	19.50
			1	137	18.48	18.45	18.37	19.50
			1	271	18.44	18.51	18.56	19.50
			135	0	18.41	18.46	18.41	19.50
			135	69	18.35	18.55	18.45	19.50
			135	138	18.47	18.52	18.45	19.50
			270	0	18.47	18.40	18.47	19.50
		DFT-s-OFDM 16QAM	1	1	18.48	18.51	18.40	19.50
		DFT-s-OFDM 64QAM	1	1	18.44	18.44	18.38	19.50
		DFT-s-OFDM 256QAM	1	1	18.27	18.14	18.21	19.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	650000	656000	662000	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
90MHz	DFT-s-OFDM QPSK	1	1	649668	656000	662332	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
80MHz	DFT-s-OFDM QPSK	1	1	649334	656000	662666	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
70MHz	DFT-s-OFDM QPSK	1	1	649000	656000	663000	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
60MHz	DFT-s-OFDM QPSK	1	1	648668	656000	663332	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	

				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	18.28	18.25	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	18.38	18.32	18.44	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	18.28	18.34	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	18.24	18.37	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	656000	664832	
15MHz	DFT-s-OFDM QPSK	1	1	18.30	18.34	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	18.25	18.26	18.34	19.50

N78 PC2 PC3 DSI1				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.53	/	17.50
		1	137	/	16.46	/	17.50
		1	271	/	16.51	/	17.50
		135	0	/	16.44	/	17.50
		135	69	/	16.52	/	17.50
		135	138	/	16.40	/	17.50
		270	0	/	16.48	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.55	/	17.50
		1	137	/	16.41	/	17.50
		1	271	/	16.54	/	17.50
		135	0	/	16.48	/	17.50
		135	69	/	16.48	/	17.50
		135	138	/	16.44	/	17.50
		270	0	/	16.47	/	17.50
	DFT-s-OFDM 16QAM	1	1	/	16.50	/	17.50
DFT-s-OFDM 64QAM	1	1	/	16.45	/	17.50	
DFT-s-OFDM 256QAM	1	1	/	16.51	/	17.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.26	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.14	16.18	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.18	16.24	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.28	16.28	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.24	16.18	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.28	16.24	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.28	16.23	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.27	16.20	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.24	16.16	16.29	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	16.24	16.22	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	16.25	16.16	16.31	17.50

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM	1	1	/	20.12	/	21.00

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.87	19.82	19.88	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	19.86	19.85	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	19.85	19.82	19.87	21.00

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.50	/	19.50
		1	137	/	18.48	/	19.50
		1	271	/	18.44	/	19.50
		135	0	/	18.47	/	19.50
		135	69	/	18.42	/	19.50
		135	138	/	18.49	/	19.50
	DFT-s-OFDM QPSK	270	0	/	18.38	/	19.50
		1	1	/	18.42	/	19.50
		1	137	/	18.50	/	19.50
		1	271	/	18.46	/	19.50
		135	0	/	18.41	/	19.50
		135	69	/	18.43	/	19.50
	DFT-s-OFDM 16QAM	135	138	/	18.52	/	19.50
		270	0	/	18.47	/	19.50
		1	1	/	18.40	/	19.50
		1	1	/	18.47	/	19.50
DFT-s-OFDM 64QAM	1	1	/	18.23	/	19.50	
	1	1	/	18.23	/	19.50	
	1	1	/	18.23	/	19.50	
DFT-s-OFDM 256QAM	1	1	/	18.23	/	19.50	
	1	1	/	18.23	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.35	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.30	18.26	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.25	18.32	18.34	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

70MHz	DFT-s-OFDM QPSK	1	1	18.28	18.32	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.36	18.32	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.26	18.34	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.34	18.29	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.36	18.31	18.41	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.37	18.32	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636166	
15MHz	DFT-s-OFDM QPSK	1	1	18.36	18.35	18.42	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636332	
10MHz	DFT-s-OFDM QPSK	1	1	18.35	18.32	18.37	19.50

N78 PC2 PC3 DS11				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.50	/	17.50
		1	137	/	16.52	/	17.50
		1	271	/	16.47	/	17.50
		135	0	/	16.52	/	17.50
		135	69	/	16.47	/	17.50
		135	138	/	16.45	/	17.50
		270	0	/	16.54	/	17.50
	DFT-s-OFDM QPSK	1	1	/	16.54	/	17.50
		1	137	/	16.49	/	17.50
		1	271	/	16.52	/	17.50
		135	0	/	16.53	/	17.50
		135	69	/	16.50	/	17.50
		135	138	/	16.50	/	17.50
		270	0	/	16.46	/	17.50

	DFT-s-OFDM 16QAM	1	1	/	16.50	/	17.50
	DFT-s-OFDM 64QAM	1	1	/	16.42	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	16.48	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.26	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.28	16.22	16.29	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.20	16.18	16.22	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	16.16	16.29	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.21	16.21	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.26	16.18	16.26	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.27	16.20	16.27	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.14	16.23	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.14	16.26	16.29	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	16.17	16.17	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	16.21	16.20	16.27	17.50

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.12	/	21.00
		1	137	/	20.06	/	21.00
		1	271	/	20.03	/	21.00
		135	0	/	20.12	/	21.00
		135	69	/	20.01	/	21.00
		135	138	/	20.07	/	21.00
		270	0	/	20.01	/	21.00
	DFT-s-OFDM QPSK	1	1	/	20.01	/	21.00
		1	137	/	20.06	/	21.00
		1	271	/	20.11	/	21.00
		135	0	/	20.08	/	21.00
		135	69	/	20.04	/	21.00
		135	138	/	20.13	/	21.00
	DFT-s-OFDM 16QAM	1	1	/	20.01	/	21.00
		1	1	/	20.03	/	21.00
1		1	/	19.81	/	20.00	
DFT-s-OFDM 64QAM	1	1	/	20.03	/	21.00	
DFT-s-OFDM 256QAM	1	1	/	19.81	/	20.00	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.81	/	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.84	19.81	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.88	19.86	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	19.88	19.84	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.86	19.79	19.93	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.77	19.85	19.87	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	

40MHz	DFT-s-OFDM QPSK	1	1	19.81	19.82	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.74	19.75	19.81	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.78	19.83	19.87	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647168	650000	652832	
15MHz	DFT-s-OFDM QPSK	1	1	19.87	19.83	19.83	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653000	
10MHz	DFT-s-OFDM QPSK	1	1	19.75	19.88	19.84	21.00

N78 PC2 PC3 DSI2&3&4				Conducted Power(dBm)				
SCS 30kHz(3700~3800)								
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
				/	3750.00	/		
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.43	/	19.50	
		1	137	/	18.36	/	19.50	
		1	271	/	18.40	/	19.50	
		135	0	/	18.56	/	19.50	
		135	69	/	18.46	/	19.50	
		135	138	/	18.50	/	19.50	
		270	0	/	18.44	/	19.50	
	DFT-s-OFDM QPSK	1	1	/	18.38	/	19.50	
		1	137	/	18.50	/	19.50	
		1	271	/	18.44	/	19.50	
		135	0	/	18.46	/	19.50	
		135	69	/	18.35	/	19.50	
		135	138	/	18.52	/	19.50	
		DFT-s-OFDM 16QAM	1	1	/	18.45	/	19.50
		DFT-s-OFDM 64QAM	1	1	/	18.37	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.20	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				/	650000	/		
100MHz	CP-OFDM QPSK	1	1	/	18.31	/	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up	
				649668	650000	650334		

90MHz	DFT-s-OFDM QPSK	1	1	18.34	18.31	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.38	18.36	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.38	18.34	18.35	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.36	18.29	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.27	18.35	18.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.31	18.32	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.24	18.25	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.33	18.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647168	Channel 650000	Channel 652832	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.37	18.33	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.25	18.38	18.34	19.50

8 Conducted Power of WiFi and Bluetooth

8.1 Conducted Power of WIFI

WIFI2.4G Full power	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.03	18.50
	6	2437		16.91	18.50
	11	2462		17.23	18.50
802.11g	1	2412	6	13.88	15.50
	6	2437		13.92	15.50
	11	2462		13.99	15.50
802.11n HT20	1	2412	6.5	13.23	15.00
	6	2437		13.32	15.00
	11	2462		13.48	15.00

WIFI2.4G Receiver on	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.16	16.50
	6	2437		15.05	16.50
	11	2462		15.33	16.50
802.11g	1	2412	6	13.88	15.50
	6	2437		13.92	15.50
	11	2462		13.99	15.50
802.11n HT20	1	2412	6.5	13.23	15.00
	6	2437		13.32	15.00
	11	2462		13.48	15.00

WIFI5GHz Full power	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	14.75	15.50
		40	5200		14.78	15.50
		44	5220		14.81	15.50
		48	5240		14.83	15.50

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11n- HT20	U-NII-2A	52	5260	MCS0	14.21	15.50	
		56	5280		14.23	15.50	
		60	5300		14.06	15.50	
		64	5320		14.11	15.50	
	U-NII-2C	100	5500		14.03	15.50	
		104	5520		14.21	15.50	
		108	5540		14.23	15.50	
		112	5560		14.20	15.50	
		116	5580		14.32	15.50	
		120	5600		14.31	15.50	
		124	5620		14.23	15.50	
		128	5640		14.19	15.50	
		132	5660		14.32	15.50	
		136	5680		14.31	15.50	
		140	5700		14.28	15.50	
		U-NII-3	149		5745	14.06	15.50
	153		5765		14.11	15.50	
	157		5785		14.13	15.50	
	161		5805		14.21	15.50	
	165		5825		14.23	15.50	
	802.11n- HT20	U-NII-1	36		5180	14.21	15.50
			40		5200	14.34	15.50
			44		5220	14.32	15.50
			48		5240	14.41	15.50
		U-NII-2A	52		5260	13.98	15.50
			56		5280	13.92	15.50
			60		5300	14.06	15.50
			64		5320	14.11	15.50
U-NII-2C		100	5500	14.11	15.50		
		104	5520	14.16	15.50		
		108	5540	14.13	15.50		
		112	5560	14.06	15.50		
		116	5580	14.09	15.50		
		120	5600	14.09	15.50		
		124	5620	14.16	15.50		
		128	5640	14.12	15.50		
		132	5660	14.15	15.50		
		136	5680	14.17	15.50		
		140	5700	14.10	15.50		
		U-NII-3	149	5745	14.03	15.50	
153			5765	14.06	15.50		
157			5785	14.01	15.50		
161			5805	14.03	15.50		
165			5825	14.10	15.50		

5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11n- HT40	U-NII-1	38	5190	MCS0	13.88	15.00		
		46	5230		13.91	15.00		
	U-NII-2A	54	5270		13.69	15.00		
		62	5310		13.78	15.00		
	U-NII-2C	102	5510		13.45	15.00		
		110	5550		13.43	15.00		
		118	5590		13.49	15.00		
		126	5630		13.41	15.00		
	U-NII-3	134	5670		13.44	15.00		
		151	5755		13.56	15.00		
		159	5795		13.63	15.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	14.26	15.50		
		40	5200		14.36	15.50		
		44	5220		14.38	15.50		
		48	5240		14.47	15.50		
	U-NII-2A	52	5260		14.01	15.50		
		56	5280		14.03	15.50		
		60	5300		14.08	15.50		
		64	5320		14.13	15.50		
	U-NII-2C	100	5500		14.12	15.50		
		104	5520		14.19	15.50		
		108	5540		14.15	15.50		
		112	5560		14.08	15.50		
		116	5580		14.11	15.50		
		120	5600		14.12	15.50		
		124	5620		14.17	15.50		
		128	5640		14.15	15.50		
	U-NII-3	132	5660		14.21	15.50		
		136	5680		14.23	15.50		
		140	5700		14.18	15.50		
		149	5745		14.06	15.50		
		153	5765		14.08	15.50		
		157	5785		14.00	15.50		
		161	5805		14.10	15.50		
		165	5825		14.16	15.50		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11ac-40	U-NII-1	38		5190	MCS0	14.48	15.50
			46		5230		14.39	15.50
		U-NII-2A	54		5270		14.13	15.50
62			5310	14.06	15.50			
U-NII-2C		102	5510	13.98	15.50			
		110	5550	14.03	15.50			
		118	5590	13.99	15.50			

		126	5630		14.06	15.50
		134	5670		14.09	15.50
	U-NII-3	151	5755		14.21	15.50
		159	5795		14.15	15.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.95	13.50
	U-NII-2A	58	5290		11.89	13.50
	U-NII-2C	106	5530		12.32	13.50
		122	5610		12.30	13.50
	U-NII-3	155	5775		11.62	13.50

WIFI5GHz Receiver on	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	12.08	13.50
		40	5200		12.16	13.50
		44	5220		12.24	13.50
		48	5240		12.27	13.50
	U-NII-2A	52	5260		11.81	13.50
		56	5280		11.88	13.50
		60	5300		11.82	13.50
		64	5320		11.95	13.50
	U-NII-2C	100	5500		12.87	14.50
		104	5520		12.96	14.50
		108	5540		12.78	14.50
		112	5560		12.93	14.50
		116	5580		12.85	14.50
		120	5600		12.73	14.50
		124	5620		12.96	14.50
		128	5640		12.95	14.50
		132	5660		13.04	14.50
		136	5680		12.99	14.50
	U-NII-3	140	5700		12.94	14.50
		149	5745		12.75	14.50
		153	5765		12.71	14.50
		157	5785		12.73	14.50
		161	5805		12.76	14.50
		165	5825		12.95	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.10	13.50
		40	5200		12.18	13.50
		44	5220		12.11	13.50
		48	5240		12.31	13.50
	U-NII-2A	52	5260		11.78	13.50
		56	5280		11.76	13.50
		60	5300		11.80	13.50

	U-NII-2C	64	5320	MCS0	11.95	13.50
		100	5500		12.89	14.50
		104	5520		13.04	14.50
		108	5540		12.83	14.50
		112	5560		12.93	14.50
		116	5580		12.80	14.50
		120	5600		12.82	14.50
		124	5620		12.92	14.50
		128	5640		13.02	14.50
		132	5660		12.98	14.50
		136	5680		12.98	14.50
	140	5700	13.01		14.50	
	U-NII-3	149	5745		12.84	14.50
		153	5765		12.74	14.50
		157	5785		12.84	14.50
		161	5805		12.84	14.50
		165	5825		12.93	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.75	13.00
		46	5230		11.86	13.00
	U-NII-2A	54	5270		11.63	13.00
		62	5310		11.72	13.00
	U-NII-2C	102	5510		12.37	14.00
		110	5550		12.28	14.00
		118	5590		12.42	14.00
		126	5630		12.25	14.00
	U-NII-3	134	5670		12.27	14.00
		151	5755		12.37	14.00
159		5795	12.47	14.00		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	12.19	13.50
		40	5200		12.30	13.50
		44	5220		12.31	13.50
		48	5240		12.40	13.50
	U-NII-2A	52	5260		11.93	13.50
		56	5280		11.95	13.50
		60	5300		11.90	13.50
		64	5320		12.06	13.50
	U-NII-2C	100	5500		12.95	14.50
		104	5520		13.12	14.50
		108	5540		12.95	14.50
		112	5560		13.00	14.50
		116	5580		12.94	14.50
		120	5600		12.93	14.50
		124	5620		13.03	14.50

		128	5640		13.09	14.50
		132	5660		13.13	14.50
		136	5680		13.10	14.50
		140	5700		13.08	14.50
	U-NII-3	149	5745		12.91	14.50
		153	5765		12.88	14.50
		157	5785		12.91	14.50
		161	5805		12.95	14.50
		165	5825		13.06	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.43	13.50
		46	5230		12.23	13.50
	U-NII-2A	54	5270		12.08	13.50
		62	5310		11.87	13.50
	U-NII-2C	102	5510		12.87	14.50
		110	5550		12.92	14.50
		118	5590		12.88	14.50
		126	5630		12.99	14.50
	U-NII-3	134	5670		13.12	14.50
		151	5755		13.15	14.50
159		5795	13.05	14.50		
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	11.54	13.00
		58	5290		11.46	13.00
	U-NII-2C	106	5530		12.32	13.50
		122	5610		12.30	13.50
	U-NII-3	155	5775		11.62	13.50

8.2 Conducted Power of BT

BT		Average Conducted Power(dBm)			
Band	Channel	0	39	78	Tune up
BT	GFSK	10.13	10.52	10.87	11.50
	$\pi/4$ DQPSK	6.98	7.06	7.69	8.50
	8DPSK	7.03	7.13	7.78	8.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	2.21	4.01	2.67	5.00
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	2.29	4.03	2.74	6.00

