Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	19.68	19.73	19.70	19.50

N41 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.73	20.86	20.76	22.00
		1	137	20.76	20.86	20.85	22.00
		1	271	20.80	20.85	20.87	22.00
		135	0	19.90	19.89	19.87	21.00
		135	69	20.77	20.70	20.71	22.00
		135	138	19.88	19.84	19.84	21.00
		270	0	19.89	19.90	19.83	21.00
	DFT-s-OFDM QPSK	1	1	20.80	21.02	20.84	22.00
		1	137	20.81	20.75	20.87	22.00
		1	271	20.74	20.81	20.80	22.00
		135	0	19.82	19.91	19.84	21.00
		135	69	20.92	20.93	20.78	22.00
		135	138	19.83	19.83	19.89	21.00
		270	0	19.82	19.91	19.87	21.00
	DFT-s-OFDM 16QAM	1	1	19.89	19.89	19.84	21.00
	DFT-s-OFDM 64QAM	1	1	18.49	18.28	18.40	19.50
	DFT-s-OFDM 256QAM	1	1	17.04	17.11	16.97	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.55	18.43	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.54	20.62	20.56	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.54	20.60	20.59	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.61	20.63	20.61	22.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.56	20.62	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.53	20.67	20.65	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.57	20.66	20.60	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	20.58	20.67	20.66	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.58	20.62	20.61	22.00

N41 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.22	18.26	18.25	19.50
		1	137	18.29	18.32	18.31	19.50
		1	271	18.22	18.26	18.27	19.50
		135	0	18.30	18.27	18.30	19.50
		135	69	18.22	18.25	18.22	19.50
		135	138	18.27	18.28	18.22	19.50
		270	0	18.31	18.31	18.28	19.50
	DFT-s-OFDM QPSK	1	1	18.28	18.45	18.29	19.50
		1	137	18.22	18.22	18.27	19.50
		1	271	18.26	18.27	18.25	19.50
		135	0	18.30	18.21	18.27	19.50
		135	69	18.41	18.42	18.34	19.50
		135	138	18.23	18.24	18.25	19.50
		270	0	18.21	18.38	18.31	19.50
	DFT-s-OFDM 16QAM	1	1	18.30	18.29	18.25	19.50
	DFT-s-OFDM 64QAM	1	1	18.31	18.24	18.30	19.50

	DFT-s-OFDM 256QAM	1	1	16.95	16.74	16.87	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.29	18.22	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.31	18.28	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.24	18.23	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	18.31	18.26	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.31	18.31	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.25	18.31	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.27	18.25	18.25	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.28	18.29	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.26	18.27	18.22	19.50

N41 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.23	20.20	20.23	21.50
		1	137	20.23	20.21	20.22	21.50
		1	271	20.19	20.27	20.27	21.50

		135	0	20.21	20.29	20.20	21.50
		135	69	20.28	20.19	20.30	21.50
		135	138	20.20	20.27	20.21	21.50
		270	0	20.26	20.22	20.30	21.50
	DFT-s-OFDM QPSK	1	1	20.31	20.43	20.29	21.50
		1	137	20.28	20.29	20.26	21.50
		1	271	20.25	20.26	20.23	21.50
		135	0	20.27	20.20	20.20	21.50
		135	69	20.30	20.37	20.30	21.50
		135	138	20.22	20.20	20.23	21.50
		270	0	20.28	20.33	20.29	21.50
	DFT-s-OFDM 16QAM	1	1	20.19	20.28	20.20	21.50
	DFT-s-OFDM 64QAM	1	1	18.71	18.77	18.75	20.00
	DFT-s-OFDM 256QAM	1	1	17.24	17.37	17.31	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	18.22	18.32	18.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.75	19.75	19.73	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.73	19.75	19.70	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	19.80	19.73	19.76	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.73	19.79	19.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.74	19.76	19.74	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.77	19.75	19.75	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.78	19.72	19.78	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.78	19.71	19.75	21.50

N66 Default&DSI1&4&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.12	19.14	19.13	20.50
		1	108	19.26	18.85	18.89	20.50
		1	214	18.62	18.57	18.71	20.50
		108	0	18.09	18.01	18.11	19.50
		108	54	19.27	19.02	19.08	20.50
		108	108	17.96	18.03	18.08	19.50
		216	0	18.11	18.03	18.17	19.50
	DFT-s-OFDM QPSK	1	1	19.32	19.53	19.46	20.50
		1	108	19.17	19.09	19.09	20.50
		1	214	18.84	18.70	18.68	20.50
		108	0	18.01	17.87	17.94	19.50
		108	54	19.36	19.42	19.36	20.50
		108	108	17.94	17.86	18.24	19.50
		216	0	18.21	18.25	18.02	19.50
	DFT-s-OFDM 16QAM	1	1	18.07	18.35	18.12	19.50
	DFT-s-OFDM 64QAM	1	1	17.14	16.98	16.94	18.00
	DFT-s-OFDM 256QAM	1	1	15.31	15.54	15.18	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	17.14	17.01	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.31	19.30	19.40	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	19.31	19.33	19.33	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.40	19.31	19.39	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	

10MHz	DFT-s-OFDM QPSK	1	1	19.37	19.40	19.30	20.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.38	19.31	19.32	20.50

9.4 Conducted Power of NR Antenna (Ant3)

N7 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.58	24.59	25.50
		1	108	24.46	24.41	24.40	25.50
		1	214	24.02	24.05	24.19	25.50
		108	0	23.49	23.46	23.59	24.50
		108	54	24.51	24.52	24.48	25.50
		108	108	23.56	23.51	23.49	24.50
		216	0	23.49	23.52	23.42	24.50
	DFT-s-OFDM QPSK	1	1	24.65	24.76	24.67	25.50
		1	108	24.58	24.35	24.60	25.50
		1	214	24.19	24.11	24.09	25.50
		108	0	23.29	23.34	23.46	24.50
		108	54	24.46	24.75	24.61	25.50
		108	108	23.42	23.33	23.51	24.50
		216	0	23.59	23.65	23.61	24.50
	DFT-s-OFDM 16QAM	1	1	23.65	23.54	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.61	22.47	22.46	23.00
	DFT-s-OFDM 256QAM	1	1	20.71	20.63	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.59	22.56	22.40	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.71	24.72	24.63	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	24.66	24.76	24.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.68	24.73	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.65	24.64	24.76	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.65	24.74	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.71	24.74	24.72	25.50

N7 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.17	18.24	18.23	19.00
		1	108	18.22	18.23	18.21	19.00
		1	214	18.21	18.25	18.26	19.00
		108	0	18.19	18.21	18.22	19.00
		108	54	18.20	18.16	18.18	19.00
		108	108	18.24	18.18	18.16	19.00
		216	0	18.21	18.21	18.15	19.00
	DFT-s-OFDM QPSK	1	1	18.36	18.48	18.20	19.00
		1	108	18.16	18.19	18.18	19.00
		1	214	18.21	18.16	18.17	19.00
		108	0	18.16	18.20	18.16	19.00
		108	54	18.34	18.41	18.23	19.00
		108	108	18.25	18.26	18.20	19.00
		216	0	18.19	18.30	18.18	19.00
	DFT-s-OFDM 16QAM	1	1	18.20	18.22	18.22	19.00
	DFT-s-OFDM 64QAM	1	1	18.20	18.16	18.21	19.00
	DFT-s-OFDM 256QAM	1	1	18.19	18.26	18.23	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	18.47	18.42	18.42	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.38	18.46	18.32	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	

25MHz	DFT-s-OFDM QPSK	1	1	18.41	18.43	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.32	18.33	18.36	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.37	18.48	18.35	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.47	18.44	18.33	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.45	18.41	18.46	19.00

N7 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.65	19.66	19.75	20.50
		1	108	19.69	19.76	19.65	20.50
		1	214	19.76	19.67	19.74	20.50
		108	0	19.70	19.66	19.69	20.50
		108	54	19.75	19.74	19.68	20.50
		108	108	19.73	19.70	19.73	20.50
		216	0	19.70	19.73	19.70	20.50
	DFT-s-OFDM QPSK	1	1	19.72	19.93	19.71	20.50
		1	108	19.71	19.65	19.70	20.50
		1	214	19.66	19.70	19.66	20.50
		108	0	19.72	19.68	19.66	20.50
		108	54	19.79	19.88	19.75	20.50
		108	108	19.66	19.75	19.66	20.50
		216	0	19.69	19.77	19.65	20.50
	DFT-s-OFDM 16QAM	1	1	19.66	19.72	19.75	20.50
	DFT-s-OFDM 64QAM	1	1	19.74	19.76	19.66	20.50
	DFT-s-OFDM 256QAM	1	1	19.74	19.66	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	

40MHz	CP-OFDM QPSK	1	1	19.69	19.69	19.72	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	19.49	19.60	19.57	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	19.57	19.58	19.53	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	19.60	19.52	19.52	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	19.49	19.56	19.55	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	19.53	19.52	19.61	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	19.49	19.56	19.61	20.50

N7 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.51	24.58	24.59	25.50
		1	108	24.46	24.41	24.40	25.50
		1	214	24.02	24.05	24.19	25.50
		108	0	23.49	23.46	23.59	24.50
		108	54	24.51	24.52	24.48	25.50
		108	108	23.56	23.51	23.49	24.50
		216	0	23.49	23.52	23.42	24.50
	DFT-s-OFDM QPSK	1	1	24.65	24.76	24.67	25.50
		1	108	24.58	24.35	24.60	25.50
		1	214	24.19	24.11	24.09	25.50
		108	0	23.29	23.34	23.46	24.50
		108	54	24.46	24.75	24.61	25.50
		108	108	23.42	23.33	23.51	24.50

		216	0	23.59	23.65	23.61	24.50
	DFT-s-OFDM 16QAM	1	1	23.65	23.54	23.50	24.50
	DFT-s-OFDM 64QAM	1	1	22.61	22.47	22.46	23.00
	DFT-s-OFDM 256QAM	1	1	20.71	20.63	20.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	22.59	22.56	22.40	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	24.71	24.72	24.63	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	24.66	24.76	24.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	24.68	24.73	24.67	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	24.65	24.64	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.65	24.74	24.76	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.71	24.74	24.72	25.50

N38 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.70	23.74	23.59	25.50
		1	108	23.65	23.78	23.72	25.50
		1	214	23.80	23.57	23.61	25.50
		108	0	23.48	23.52	23.52	24.50
		108	54	24.54	24.49	24.43	25.50

		108	108	23.60	23.55	23.42	24.50
		216	0	23.57	23.41	23.43	24.50
	DFT-s-OFDM QPSK	1	1	23.81	23.93	23.88	25.50
		1	108	23.66	23.63	23.63	25.50
		1	214	23.68	23.57	23.74	25.50
		108	0	23.75	23.79	23.45	24.50
		108	54	23.76	23.89	23.81	25.50
		108	108	23.44	23.42	23.63	24.50
		216	0	23.56	23.62	23.64	24.50
	DFT-s-OFDM 16QAM	1	1	23.50	23.58	23.52	24.50
	DFT-s-OFDM 64QAM	1	1	22.51	22.51	22.47	23.00
	DFT-s-OFDM 256QAM	1	1	20.67	21.00	20.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.80	21.72	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.88	23.83	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.84	23.87	23.83	25.50

N38 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.76	16.72	16.73	17.50
		1	108	16.75	16.69	16.69	17.50
		1	214	16.72	16.68	16.71	17.50
		108	0	16.66	16.69	16.65	17.50

		108	54	16.72	16.71	16.72	17.50
		108	108	16.72	16.72	16.66	17.50
		216	0	16.68	16.75	16.75	17.50
	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.73	17.50
		1	108	16.70	16.67	16.66	17.50
		1	214	16.75	16.73	16.70	17.50
		108	0	16.74	16.65	16.73	17.50
		108	54	16.71	16.74	16.71	17.50
		108	108	16.70	16.69	16.67	17.50
		216	0	16.69	16.72	16.71	17.50
	DFT-s-OFDM 16QAM	1	1	16.69	16.71	16.68	17.50
	DFT-s-OFDM 64QAM	1	1	16.68	16.70	16.67	17.50
	DFT-s-OFDM 256QAM	1	1	16.67	16.74	16.69	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	16.68	16.72	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.67	16.67	16.66	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.70	16.69	16.68	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.41	16.41	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.56	16.43	16.46	17.50

N38 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.27	19.33	19.32	20.00
		1	108	19.30	19.31	19.34	20.00
		1	214	19.33	19.31	19.34	20.00

		108	0	19.34	19.33	19.33	20.00
		108	54	19.32	19.35	19.30	20.00
		108	108	19.28	19.27	19.33	20.00
		216	0	19.33	19.30	19.27	20.00
	DFT-s-OFDM QPSK	1	1	19.34	19.35	19.28	20.00
		1	108	19.26	19.26	19.26	20.00
		1	214	19.26	19.32	19.26	20.00
		108	0	19.34	19.29	19.31	20.00
		108	54	19.32	19.34	19.27	20.00
		108	108	19.26	19.26	19.32	20.00
		216	0	19.33	19.30	19.23	20.00
	DFT-s-OFDM 16QAM	1	1	19.32	19.28	19.28	20.00
	DFT-s-OFDM 64QAM	1	1	19.35	19.32	19.30	20.00
	DFT-s-OFDM 256QAM	1	1	19.26	19.34	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	CP-OFDM QPSK	1	1	19.29	19.25	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.29	19.26	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515500	Channel 519000	Channel 522500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 515000	Channel 519000	Channel 523000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.32	19.27	19.27	20.00

N38 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.70	23.74	23.59	25.50
		1	108	23.65	23.78	23.72	25.50

		1	214	23.80	23.57	23.61	25.50
		108	0	23.48	23.52	23.52	24.50
		108	54	24.54	24.49	24.43	25.50
		108	108	23.60	23.55	23.42	24.50
		216	0	23.57	23.41	23.43	24.50
	DFT-s-OFDM QPSK	1	1	23.81	23.93	23.88	25.50
		1	108	23.66	23.63	23.63	25.50
		1	214	23.68	23.57	23.74	25.50
		108	0	23.75	23.79	23.45	24.50
		108	54	23.76	23.89	23.81	25.50
		108	108	23.44	23.42	23.63	24.50
		216	0	23.56	23.62	23.64	24.50
	DFT-s-OFDM 16QAM	1	1	23.50	23.58	23.52	24.50
	DFT-s-OFDM 64QAM	1	1	22.51	22.51	22.47	23.00
	DFT-s-OFDM 256QAM	1	1	20.67	21.00	20.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	21.80	21.72	21.81	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.88	23.83	23.89	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	
15MHz	DFT-s-OFDM QPSK	1	1	23.84	23.91	23.84	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.84	23.87	23.83	25.50

N41 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.90	23.95	23.94	25.50
		1	137	23.87	23.93	23.90	25.50

		1	271	23.92	23.89	23.95	25.50
		135	0	23.94	23.96	23.96	24.50
		135	69	23.88	23.88	23.88	25.50
		135	138	23.89	23.92	23.86	24.50
		270	0	23.88	23.95	23.91	24.50
	DFT-s-OFDM QPSK	1	1	23.92	23.99	23.95	25.50
		1	137	23.91	23.90	23.92	25.50
		1	271	23.86	23.88	23.90	25.50
		135	0	23.91	23.94	23.93	24.50
		135	69	23.96	23.98	23.94	25.50
		135	138	23.93	23.87	23.91	24.50
		270	0	23.95	23.96	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.87	23.90	23.87	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.47	21.54	23.00
	DFT-s-OFDM 256QAM	1	1	20.17	20.18	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	21.63	21.58	21.62	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.68	23.74	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.67	23.73	23.70	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	23.67	23.71	23.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.71	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.68	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.72	23.73	23.75	25.50

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.68	23.73	23.74	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.66	23.70	23.69	25.50

N41 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.64	16.64	16.56	17.50
		1	137	16.62	16.58	16.62	17.50
		1	271	16.65	16.56	16.56	17.50
		135	0	16.56	16.58	16.62	17.50
		135	69	16.56	16.66	16.60	17.50
		135	138	16.64	16.58	16.60	17.50
		270	0	16.56	16.63	16.55	17.50
	DFT-s-OFDM QPSK	1	1	16.63	16.81	16.68	17.50
		1	137	16.61	16.57	16.63	17.50
		1	271	16.56	16.65	16.65	17.50
		135	0	16.65	16.66	16.64	17.50
		135	69	16.71	16.78	16.69	17.50
		135	138	16.58	16.65	16.58	17.50
		270	0	16.65	16.68	16.62	17.50
	DFT-s-OFDM 16QAM	1	1	16.56	16.62	16.65	17.50
	DFT-s-OFDM 64QAM	1	1	16.57	16.60	16.55	17.50
	DFT-s-OFDM 256QAM	1	1	16.58	16.60	16.56	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	16.47	16.47	16.54	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.47	16.49	16.55	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	

80MHz	DFT-s-OFDM QPSK	1	1	16.55	16.50	16.50	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.50	16.50	16.60	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.51	16.49	16.51	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 504204	Channel 518598	Channel 532998	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.53	16.44	16.49	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 503202	Channel 518598	Channel 534000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.56	16.49	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 502200	Channel 518598	Channel 534996	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.49	16.41	16.53	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 518598	Channel 535998	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.58	16.41	16.55	17.50

N41 DSI3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.20	19.22	19.24	20.00
		1	137	19.26	19.18	19.19	20.00
		1	271	19.25	19.20	19.24	20.00
		135	0	19.23	19.20	19.16	20.00
		135	69	19.18	19.21	19.24	20.00
		135	138	19.23	19.22	19.16	20.00
		270	0	19.24	19.25	19.20	20.00
	DFT-s-OFDM QPSK	1	1	19.25	19.36	19.26	20.00
		1	137	19.22	19.18	19.16	20.00
		1	271	19.17	19.18	19.23	20.00
		135	0	19.24	19.24	19.21	20.00
		135	69	19.29	19.31	19.23	20.00
		135	138	19.21	19.26	19.18	20.00

		270	0	19.24	19.27	19.21	20.00
	DFT-s-OFDM 16QAM	1	1	19.22	19.17	19.24	20.00
	DFT-s-OFDM 64QAM	1	1	19.25	19.24	19.23	20.00
	DFT-s-OFDM 256QAM	1	1	19.17	19.23	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.18	19.22	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.23	19.21	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.26	19.25	19.24	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	19.21	19.25	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.16	19.23	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.23	19.26	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.22	19.20	19.25	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.23	19.18	19.23	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.25	19.20	19.16	20.00

N41 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.90	23.95	23.94	25.50
		1	137	23.87	23.93	23.90	25.50
		1	271	23.92	23.89	23.95	25.50
		135	0	23.94	23.96	23.96	24.50
		135	69	23.88	23.88	23.88	25.50
		135	138	23.89	23.92	23.86	24.50
		270	0	23.88	23.95	23.91	24.50
	DFT-s-OFDM QPSK	1	1	23.92	23.99	23.95	25.50
		1	137	23.91	23.90	23.92	25.50
		1	271	23.86	23.88	23.90	25.50
		135	0	23.91	23.94	23.93	24.50
		135	69	23.96	23.98	23.94	25.50
		135	138	23.93	23.87	23.91	24.50
		270	0	23.95	23.96	23.93	24.50
	DFT-s-OFDM 16QAM	1	1	23.87	23.90	23.87	24.50
	DFT-s-OFDM 64QAM	1	1	21.67	21.47	21.54	23.00
	DFT-s-OFDM 256QAM	1	1	20.17	20.18	20.07	21.00
Bandwidth	Modulation	RB size	RB offset	Channel 509202	Channel 518598	Channel 528000	Tune up
100MHz	CP-OFDM QPSK	1	1	21.63	21.58	21.62	23.00
Bandwidth	Modulation	RB size	RB offset	Channel 508200	Channel 518598	Channel 528996	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	23.68	23.74	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 507204	Channel 518598	Channel 529998	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	23.67	23.73	23.70	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 506202	Channel 518598	Channel 531000	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	23.67	23.71	23.73	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 505200	Channel 518598	Channel 531996	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	23.72	23.71	23.71	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.68	23.66	23.68	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.72	23.73	23.75	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.68	23.73	23.74	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.66	23.70	23.69	25.50

N66 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.58	23.61	24.50
		1	108	23.51	23.43	23.38	24.50
		1	214	23.08	22.98	23.18	24.50
		108	0	22.45	22.53	22.65	23.50
		108	54	23.53	23.47	23.45	24.50
		108	108	22.61	22.51	22.52	23.50
		216	0	22.54	22.42	22.44	23.50
	DFT-s-OFDM QPSK	1	1	23.59	23.75	23.59	24.50
		1	108	23.44	23.39	23.51	24.50
		1	214	23.23	23.06	23.10	24.50
		108	0	22.41	22.40	22.41	23.50
		108	54	23.56	23.73	23.54	24.50
		108	108	22.50	22.35	22.54	23.50
		216	0	22.54	22.63	22.64	23.50
	DFT-s-OFDM 16QAM	1	1	22.58	22.56	22.63	23.50
	DFT-s-OFDM 64QAM	1	1	21.61	21.47	21.46	22.00
	DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	

40MHz	CP-OFDM QPSK	1	1	21.59	21.54	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 345000	Channel 349000	Channel 353000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.52	23.50	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	23.59	23.63	23.47	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	23.49	23.58	23.41	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	23.63	23.57	23.54	24.50
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	23.59	23.42	23.62	24.50

N66 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 346000	Channel 349000	Channel 352000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.26	18.26	18.17	19.00
		1	108	18.25	18.25	18.24	19.00
		1	214	18.24	18.25	18.25	19.00
		108	0	18.15	18.25	18.21	19.00
		108	54	18.21	18.23	18.24	19.00
		108	108	18.16	18.16	18.17	19.00
		216	0	18.21	18.16	18.21	19.00
	DFT-s-OFDM QPSK	1	1	18.31	18.37	18.34	19.00
		1	108	18.20	18.20	18.22	19.00
		1	214	18.24	18.22	18.25	19.00
		108	0	18.25	18.24	18.19	19.00

		108	54	18.28	18.36	18.29	19.00
		108	108	18.17	18.23	18.21	19.00
		216	0	18.17	18.32	18.17	19.00
	DFT-s-OFDM 16QAM	1	1	18.21	18.23	18.21	19.00
	DFT-s-OFDM 64QAM	1	1	18.20	18.20	18.21	19.00
	DFT-s-OFDM 256QAM	1	1	18.15	18.19	18.20	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.11	18.11	18.08	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	18.07	18.18	18.07	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.19	18.15	18.04	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.10	18.03	18.10	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.08	18.10	18.14	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.14	18.15	18.08	19.00

N66 DSI3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.70	20.70	20.69	21.50
		1	108	20.67	20.69	20.66	21.50
		1	214	20.74	20.69	20.71	21.50
		108	0	20.71	20.76	20.73	21.50
		108	54	20.73	20.71	20.70	21.50
		108	108	20.70	20.75	20.65	21.50
		216	0	20.65	20.65	20.70	21.50

	DFT-s-OFDM QPSK	1	1	20.78	20.89	20.73	21.50
		1	108	20.76	20.69	20.68	21.50
		1	214	20.68	20.75	20.70	21.50
		108	0	20.67	20.73	20.75	21.50
		108	54	20.77	20.86	20.76	21.50
		108	108	20.75	20.76	20.71	21.50
		216	0	20.67	20.78	20.74	21.50
	DFT-s-OFDM 16QAM	1	1	20.68	20.72	20.67	21.50
	DFT-s-OFDM 64QAM	1	1	20.75	20.71	20.73	21.50
	DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	20.56	20.71	20.56	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.53	20.66	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.62	20.64	20.80	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.75	20.59	20.66	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.61	20.65	20.53	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.58	20.54	20.70	21.50

N66 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.61	23.58	23.61	24.50
		1	108	23.51	23.43	23.38	24.50
		1	214	23.08	22.98	23.18	24.50

		108	0	22.45	22.53	22.65	23.50
		108	54	23.53	23.47	23.45	24.50
		108	108	22.61	22.51	22.52	23.50
		216	0	22.54	22.42	22.44	23.50
	DFT-s-OFDM QPSK	1	1	23.59	23.75	23.59	24.50
		1	108	23.44	23.39	23.51	24.50
		1	214	23.23	23.06	23.10	24.50
		108	0	22.41	22.40	22.41	23.50
		108	54	23.56	23.73	23.54	24.50
		108	108	22.50	22.35	22.54	23.50
		216	0	22.54	22.63	22.64	23.50
	DFT-s-OFDM 16QAM	1	1	22.58	22.56	22.63	23.50
	DFT-s-OFDM 64QAM	1	1	21.61	21.47	21.46	22.00
	DFT-s-OFDM 256QAM	1	1	19.70	19.69	19.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.59	21.54	21.35	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.62	23.52	23.50	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.59	23.63	23.47	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.49	23.58	23.41	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.63	23.57	23.54	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.59	23.42	23.62	24.50

9.5 Conducted Power of NR Antenna (Ant4)

N7 Default & DSI1&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.87	24.79	24.95	25.70
		1	108	24.85	24.76	24.74	25.70
		1	214	24.34	24.35	24.36	25.70
		108	0	23.87	23.77	23.83	24.70
		108	54	24.82	24.81	24.73	25.70
		108	108	23.79	23.80	23.73	24.70
		216	0	23.85	23.79	23.74	24.70
	DFT-s-OFDM QPSK	1	1	24.90	24.97	24.89	25.70
		1	108	24.81	24.74	24.87	25.70
		1	214	24.45	24.47	24.41	25.70
		108	0	23.68	23.65	23.70	24.70
		108	54	24.87	24.95	24.84	25.70
		108	108	23.76	23.67	23.87	24.70
		216	0	23.87	23.91	23.89	24.70
	DFT-s-OFDM 16QAM	1	1	23.85	23.89	23.87	24.70
	DFT-s-OFDM 64QAM	1	1	22.82	22.77	22.64	23.20
	DFT-s-OFDM 256QAM	1	1	21.08	21.06	20.93	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
40MHz	CP-OFDM QPSK	1	1	22.85	22.85	22.75	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.78	24.81	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	24.83	24.79	24.90	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.79	24.92	24.83	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.86	24.90	24.93	25.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	24.91	24.89	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	24.85	24.78	24.83	25.70

N7 DSI3&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.04	20.06	20.06	20.70
		1	108	20.04	20.02	20.04	20.70
		1	214	20.06	20.06	20.07	20.70
		108	0	20.07	20.03	20.06	20.70
		108	54	20.04	20.09	20.07	20.70
		108	108	20.02	20.02	20.09	20.70
		216	0	20.11	20.01	20.07	20.70
	DFT-s-OFDM QPSK	1	1	20.11	20.23	20.09	20.70
		1	108	20.09	20.07	20.05	20.70
		1	214	20.06	20.08	20.06	20.70
		108	0	20.01	20.12	20.06	20.70
		108	54	20.14	20.21	20.11	20.70
		108	108	20.11	20.09	20.09	20.70
		216	0	20.09	20.08	20.09	20.70
	DFT-s-OFDM 16QAM	1	1	20.03	20.11	20.08	20.70
	DFT-s-OFDM 64QAM	1	1	20.05	20.07	20.03	20.70
	DFT-s-OFDM 256QAM	1	1	20.01	20.05	20.07	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	20.03	20.06	20.08	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	20.05	20.21	20.09	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	20.20	20.17	20.16	20.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	20.11	20.06	20.21	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	20.14	20.12	20.12	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	20.10	20.08	20.12	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	20.03	20.09	20.15	20.70

N38 Default DSI1&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.64	24.63	24.70	25.70
		1	108	24.69	24.43	24.51	25.70
		1	214	24.19	24.08	24.21	25.70
		108	0	23.54	23.54	23.71	24.70
		108	54	24.58	24.65	24.51	25.70
		108	108	23.60	23.53	23.57	24.70
		216	0	23.65	23.53	23.63	24.70
	DFT-s-OFDM QPSK	1	1	24.68	24.84	24.72	25.70
		1	108	24.63	24.56	24.63	25.70
		1	214	24.21	24.23	24.24	25.70
		108	0	23.47	23.49	23.53	24.70
		108	54	24.55	24.77	24.73	25.70
		108	108	23.58	23.47	23.75	24.70
		216	0	23.67	23.78	23.75	24.70
	DFT-s-OFDM 16QAM	1	1	23.67	23.65	23.60	24.70
	DFT-s-OFDM 64QAM	1	1	22.69	22.54	22.50	23.20
	DFT-s-OFDM 256QAM	1	1	20.88	20.81	20.68	21.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	

40MHz	CP-OFDM QPSK	1	1	22.89	22.87	22.68	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 517000	Channel 519000	Channel 521000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.40	24.34	24.37	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.40	24.33	24.47	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.49	24.52	24.47	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 516000	Channel 519000	Channel 522000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.50	24.41	24.50	25.70

N38 DSI3&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.76	19.73	19.72	20.20
		1	108	19.73	19.71	19.81	20.20
		1	214	19.75	19.80	19.79	20.20
		108	0	19.73	19.80	19.74	20.20
		108	54	19.82	19.76	19.77	20.20
		108	108	19.75	19.72	19.74	20.20
		216	0	19.72	19.74	19.72	20.20
	DFT-s-OFDM QPSK	1	1	19.82	19.87	19.80	20.20
		1	108	19.80	19.78	19.74	20.20
		1	214	19.77	19.73	19.73	20.20
		108	0	19.76	19.79	19.71	20.20
		108	54	19.84	19.86	19.79	20.20
		108	108	19.76	19.72	19.78	20.20
		216	0	19.72	19.72	19.72	20.20
	DFT-s-OFDM 16QAM	1	1	19.73	19.81	19.72	20.20
	DFT-s-OFDM 64QAM	1	1	19.79	19.81	19.78	20.20
	DFT-s-OFDM 256QAM	1	1	19.74	19.79	19.72	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.74	19.78	19.78	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	19.75	19.74	19.77	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.79	19.73	19.76	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	19.67	19.83	19.76	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	19.75	19.83	19.77	17.50

N41 Default DSI1&4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.72	24.78	24.79	25.70
		1	137	24.82	24.75	24.77	25.70
		1	271	24.75	24.78	24.71	25.70
		135	0	23.80	23.82	23.79	24.70
		135	69	24.79	24.76	24.76	25.70
		135	138	23.81	23.78	23.73	24.70
		270	0	23.79	23.73	23.77	24.70
	DFT-s-OFDM QPSK	1	1	24.79	24.89	24.76	25.70
		1	137	24.73	24.76	24.75	25.70
		1	271	24.78	24.78	24.72	25.70
		135	0	23.77	23.72	23.71	24.70
		135	69	24.79	24.82	24.74	25.70
		135	138	23.71	23.81	23.73	24.70
		270	0	23.72	23.75	23.74	24.70
	DFT-s-OFDM 16QAM	1	1	23.75	23.75	23.74	24.70
	DFT-s-OFDM 64QAM	1	1	22.43	22.41	22.51	23.20
	DFT-s-OFDM 256QAM	1	1	20.99	20.13	20.89	21.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	22.61	22.31	22.41	23.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	24.67	24.69	24.72	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	24.61	24.71	24.70	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	24.71	24.67	24.62	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	24.70	24.71	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	24.68	24.71	24.68	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	24.70	24.62	24.65	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	24.68	24.64	24.66	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	24.68	24.67	24.71	25.70

N41 DSI3&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.60	20.56	20.57	20.70
		1	137	20.57	20.58	20.53	20.70
		1	271	20.53	20.60	20.59	20.70
		135	0	20.62	20.52	20.55	20.70

		135	69	20.62	20.61	20.56	20.70
		135	138	20.61	20.52	20.60	20.70
		270	0	20.56	20.58	20.56	20.70
	DFT-s-OFDM QPSK	1	1	20.64	20.77	20.59	20.70
		1	137	20.61	20.60	20.57	20.70
		1	271	20.59	20.53	20.52	20.70
		135	0	20.57	20.56	20.58	20.70
		135	69	20.65	20.69	20.67	20.70
		135	138	20.62	20.53	20.62	20.70
		270	0	20.59	20.66	20.61	20.70
	DFT-s-OFDM 16QAM	1	1	20.60	20.58	20.58	20.70
	DFT-s-OFDM 64QAM	1	1	20.54	20.60	20.61	20.70
	DFT-s-OFDM 256QAM	1	1	20.57	20.59	20.58	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.61	20.52	20.53	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	20.51	20.55	20.55	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	20.62	20.58	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.51	20.59	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	20.58	20.62	20.59	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	20.56	20.60	20.53	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	20.52	20.54	20.57	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	

30MHz	DFT-s-OFDM QPSK	1	1	20.55	20.55	20.52	20.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	20.57	20.52	20.58	20.70

N66 Default DSI1&4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.04	23.01	23.15	23.80
		1	108	23.00	22.92	22.85	23.80
		1	214	22.54	22.54	22.60	23.80
		108	0	21.93	21.96	22.14	22.80
		108	54	23.07	23.00	23.01	23.80
		108	108	22.06	21.99	21.93	22.80
		216	0	22.01	21.91	21.96	22.80
	DFT-s-OFDM QPSK	1	1	23.22	23.29	23.17	23.80
		1	108	23.14	22.92	23.03	23.80
		1	214	22.72	22.56	22.62	23.80
		108	0	21.85	21.91	21.93	22.80
		108	54	23.17	23.28	23.15	23.80
		108	108	22.02	21.84	22.03	22.80
		216	0	22.09	22.17	22.16	22.80
	DFT-s-OFDM 16QAM	1	1	22.03	22.10	22.12	22.80
	DFT-s-OFDM 64QAM	1	1	21.12	21.03	20.92	21.30
	DFT-s-OFDM 256QAM	1	1	19.22	19.20	19.14	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.05	20.98	20.87	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.11	23.02	23.18	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.17	23.15	23.18	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.23	23.26	23.09	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.06	23.19	23.14	23.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.15	23.05	23.22	23.80

N66 DSI3&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.72	22.74	22.85	23.30
		1	108	23.05	22.87	22.85	23.30
		1	214	22.72	22.73	22.76	23.30
		108	0	21.95	21.97	22.17	22.80
		108	54	22.77	22.79	22.66	23.30
		108	108	22.11	22.04	21.96	22.80
		216	0	21.96	21.87	21.91	22.80
	DFT-s-OFDM QPSK	1	1	22.76	22.94	22.81	23.30
		1	108	22.70	22.82	22.80	23.30
		1	214	22.74	22.81	22.70	23.30
		108	0	21.84	21.88	21.97	22.80
		108	54	22.76	22.87	22.74	23.30
		108	108	21.97	21.88	22.04	22.80
		216	0	22.06	22.11	22.19	22.80
	DFT-s-OFDM 16QAM	1	1	22.01	22.05	22.15	22.80
	DFT-s-OFDM 64QAM	1	1	21.08	21.00	20.89	21.30
	DFT-s-OFDM 256QAM	1	1	19.25	19.18	19.15	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.01	21.02	20.81	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	

30MHz	DFT-s-OFDM QPSK	1	1	22.85	22.74	22.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 344000	Channel 349000	Channel 354000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.82	22.70	22.79	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 343500	Channel 349000	Channel 354500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.75	22.74	22.79	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 343000	Channel 349000	Channel 355000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	22.75	22.84	22.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 342500	Channel 349000	Channel 355500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	22.76	22.85	22.71	23.30

9.6 Conducted Power of NR Antenna (Ant5)

N7 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.98	22.99	23.00	24.20
		1	108	22.88	22.74	22.76	24.20
		1	214	22.46	22.44	22.56	24.20
		108	0	21.93	21.91	22.02	23.20
		108	54	23.00	22.98	22.87	24.20
		108	108	21.96	21.84	21.82	23.20
		216	0	21.97	21.81	21.91	23.20
	DFT-s-OFDM QPSK	1	1	23.07	22.93	23.08	24.20
		1	108	23.01	22.76	22.91	24.20
		1	214	22.61	22.48	22.45	24.20
		108	0	21.79	21.69	21.74	23.20
		108	54	22.93	23.13	23.07	24.20
		108	108	21.82	21.74	21.99	23.20
		216	0	21.98	21.98	21.99	23.20
	DFT-s-OFDM 16QAM	1	1	21.97	21.94	22.00	23.20
	DFT-s-OFDM 64QAM	1	1	20.92	20.89	20.78	21.70
	DFT-s-OFDM 256QAM	1	1	19.06	19.46	19.07	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
40MHz	CP-OFDM QPSK	1	1	21.01	20.96	20.74	21.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	22.62	22.55	22.55	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	22.57	22.44	22.53	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	22.64	22.32	22.45	24.20
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	22.59	22.35	22.39	24.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.51	22.44	22.41	24.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.58	22.39	22.39	24.20

N7 DSI1&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.65	17.62	17.65	18.70
		1	108	17.66	17.68	17.63	18.70
		1	214	17.72	17.68	17.68	18.70
		108	0	17.65	17.63	17.62	18.70
		108	54	17.62	17.69	17.69	18.70
		108	108	17.67	17.65	17.71	18.70
		216	0	17.71	17.65	17.73	18.70
	DFT-s-OFDM QPSK	1	1	17.83	17.93	17.86	18.70
		1	108	17.69	17.71	17.65	18.70
		1	214	17.71	17.62	17.68	18.70
		108	0	17.62	17.64	17.63	18.70
		108	54	17.85	17.91	17.84	18.70
		108	108	17.72	17.69	17.63	18.70
		216	0	17.71	17.76	17.65	18.70
	DFT-s-OFDM 16QAM	1	1	17.62	17.66	17.70	18.70
	DFT-s-OFDM 64QAM	1	1	17.65	17.69	17.69	18.70
	DFT-s-OFDM 256QAM	1	1	17.65	17.67	17.72	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
40MHz	CP-OFDM QPSK	1	1	17.62	17.63	17.65	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.70	17.74	17.73	18.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	

25MHz	DFT-s-OFDM QPSK	1	1	17.62	17.70	17.79	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.71	17.75	17.61	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.79	17.62	17.65	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.73	17.62	18.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	17.70	17.68	17.75	18.70

N7 DSI4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 504000	Channel 507000	Channel 510000	Tune up
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.73	19.76	19.82	20.70
		1	108	19.72	19.74	19.75	20.70
		1	214	19.77	19.77	19.82	20.70
		108	0	19.72	19.76	19.72	20.70
		108	54	19.76	19.80	19.75	20.70
		108	108	19.80	19.74	19.72	20.70
		216	0	19.71	19.78	19.74	20.70
	DFT-s-OFDM QPSK	1	1	19.78	19.89	19.79	20.70
		1	108	19.76	19.74	19.77	20.70
		1	214	19.77	19.72	19.77	20.70
		108	0	19.81	19.77	19.78	20.70
		108	54	19.87	19.88	19.86	20.70
		108	108	19.79	19.71	19.81	20.70
		216	0	19.73	19.80	19.77	20.70
	DFT-s-OFDM 16QAM	1	1	19.74	19.72	19.79	20.70
	DFT-s-OFDM 64QAM	1	1	19.75	19.78	19.77	20.70
	DFT-s-OFDM 256QAM	1	1	19.04	19.21	19.01	19.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up

40MHz	CP-OFDM QPSK	1	1	19.76	19.74	19.73	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 503000	Channel 507000	Channel 511000	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.64	19.78	19.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502500	Channel 507000	Channel 511500	Tune up
25MHz	DFT-s-OFDM QPSK	1	1	19.79	19.63	19.72	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 502000	Channel 507000	Channel 512000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.72	19.79	19.74	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501500	Channel 507000	Channel 512500	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.74	19.85	19.84	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 501000	Channel 507000	Channel 513000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.88	19.88	19.85	20.70
Bandwidth	Modulation	RB size	RB offset	Channel 500500	Channel 507000	Channel 513500	Tune up
5MHz	DFT-s-OFDM QPSK	1	1	19.86	19.64	19.63	20.70

N38 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel 518000	Channel 519000	Channel 520000	Tune up
		1	1	23.09	22.99	23.06	24.30
		1	108	23.01	22.88	22.86	24.30
		1	214	22.52	22.53	22.65	24.30
		108	0	21.94	21.91	22.09	23.30
		108	54	23.03	23.08	22.94	24.30
		108	108	21.99	21.90	21.98	23.30
		216	0	22.06	21.94	22.02	23.30
	DFT-s-OFDM QPSK	1	1	23.16	23.06	23.17	24.30
		1	108	23.06	22.82	23.05	24.30
		1	214	22.71	22.66	22.60	24.30
		108	0	21.84	21.87	21.95	23.30
		108	54	23.03	23.22	23.07	24.30
		108	108	21.98	21.87	22.13	23.30

		216	0	22.07	22.10	22.13	23.30
	DFT-s-OFDM 16QAM	1	1	22.03	22.18	22.05	23.30
	DFT-s-OFDM 64QAM	1	1	21.09	21.05	20.98	21.80
	DFT-s-OFDM 256QAM	1	1	19.20	19.63	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	20.94	20.93	20.78	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	22.51	22.52	22.57	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	22.50	22.52	22.44	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	22.47	22.42	22.49	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	22.43	22.50	22.50	24.30

N38 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.00	16.97	17.01	17.80
		1	108	16.92	16.92	17.01	17.80
		1	214	16.99	17.00	16.97	17.80
		108	0	17.01	16.96	17.01	17.80
		108	54	16.98	16.94	17.00	17.80
		108	108	16.93	17.01	17.01	17.80
		216	0	16.96	16.99	17.00	17.80
	DFT-s-OFDM	1	1	17.02	17.11	16.96	17.80

	QPSK	1	108	16.93	17.00	16.92	17.80
		1	214	16.98	16.94	16.95	17.80
		108	0	16.99	16.92	17.03	17.80
		108	54	17.00	17.08	17.05	17.80
		108	108	16.95	16.97	17.00	17.80
		216	0	16.93	17.04	17.01	17.80
	DFT-s-OFDM 16QAM	1	1	17.01	17.02	16.92	17.80
	DFT-s-OFDM 64QAM	1	1	16.93	16.98	16.94	17.80
	DFT-s-OFDM 256QAM	1	1	17.00	17.01	16.94	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.98	16.93	16.92	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.94	16.95	16.96	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.94	16.93	17.00	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	16.65	16.64	16.73	17.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	16.62	16.61	16.75	17.80

N38 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.01	19.99	19.95	20.80
		1	108	19.95	19.93	19.93	20.80
		1	214	19.92	19.97	19.94	20.80
		108	0	19.92	20.00	20.02	20.80
		108	54	20.01	19.96	20.00	20.80
		108	108	19.97	20.02	19.98	20.80
		216	0	19.95	19.95	19.92	20.80

	DFT-s-OFDM QPSK	1	1	20.00	20.13	19.97	20.80
		1	108	19.98	19.91	19.92	20.80
		1	214	19.93	19.97	19.95	20.80
		108	0	19.99	19.91	19.95	20.80
		108	54	20.00	20.12	20.05	20.80
		108	108	19.95	19.92	20.01	20.80
		216	0	19.93	20.05	20.01	20.80
	DFT-s-OFDM 16QAM	1	1	19.93	19.91	19.96	20.80
	DFT-s-OFDM 64QAM	1	1	20.01	19.96	19.97	20.80
	DFT-s-OFDM 256QAM	1	1	19.20	19.63	19.21	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	19.93	19.94	20.00	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	20.01	19.92	19.94	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	19.98	19.97	19.93	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
15MHz	DFT-s-OFDM QPSK	1	1	19.62	19.93	19.73	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
10MHz	DFT-s-OFDM QPSK	1	1	19.82	19.64	19.61	20.80

N41 Default				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.90	23.07	23.05	24.30
		1	137	22.92	23.12	22.98	24.30
		1	271	23.04	23.06	22.99	24.30
		135	0	22.02	22.03	22.04	23.30
		135	69	22.96	22.97	22.98	24.30
		135	138	22.09	22.06	22.09	23.30

		270	0	22.07	22.03	22.05	23.30
	DFT-s-OFDM QPSK	1	1	22.99	23.22	22.95	24.30
		1	137	22.98	22.99	23.02	24.30
		1	271	22.94	23.00	22.99	24.30
		135	0	22.03	22.12	22.10	23.30
		135	69	23.08	23.11	22.99	24.30
		135	138	22.10	22.09	22.05	23.30
		270	0	22.05	22.04	22.10	23.30
	DFT-s-OFDM 16QAM	1	1	22.09	22.03	22.05	23.30
	DFT-s-OFDM 64QAM	1	1	20.68	20.46	20.62	21.80
	DFT-s-OFDM 256QAM	1	1	19.27	19.32	19.19	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	20.74	20.62	20.72	21.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.77	22.83	22.77	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.76	22.81	22.78	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	22.74	22.79	22.73	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.73	22.86	22.74	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.72	22.76	22.74	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	

40MHz	DFT-s-OFDM QPSK	1	1	22.68	22.79	22.75	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.73	22.78	22.71	24.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.77	22.81	22.76	24.30

N41 DSI1&5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.12	17.15	17.14	18.30
		1	137	17.09	17.11	17.18	18.30
		1	271	17.24	17.18	17.11	18.30
		135	0	17.16	17.13	17.15	18.30
		135	69	17.19	17.10	17.24	18.30
		135	138	17.18	17.19	17.13	18.30
		270	0	17.15	17.14	17.25	18.30
	DFT-s-OFDM QPSK	1	1	17.18	17.26	17.19	18.30
		1	137	17.15	17.16	17.13	18.30
		1	271	17.08	17.22	17.15	18.30
		135	0	17.13	17.12	17.16	18.30
		135	69	17.19	17.23	17.17	18.30
		135	138	17.18	17.12	17.12	18.30
		270	0	17.18	17.19	17.12	18.30
	DFT-s-OFDM 16QAM	1	1	17.09	17.07	17.18	18.30
	DFT-s-OFDM 64QAM	1	1	17.20	17.20	17.21	18.30
	DFT-s-OFDM 256QAM	1	1	17.16	17.11	17.23	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	17.03	17.09	16.96	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.08	17.03	17.02	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.10	17.10	17.00	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	17.03	17.08	17.00	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.01	17.06	16.96	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.08	17.00	16.95	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.00	17.07	16.97	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.00	17.03	16.99	18.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.07	17.04	16.98	18.30

N41 DSI4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.03	19.98	20.06	21.30
		1	137	20.07	20.01	20.08	21.30

		1	271	20.16	20.03	20.04	21.30
		135	0	20.12	20.00	20.15	21.30
		135	69	20.15	20.07	20.08	21.30
		135	138	20.07	20.00	20.06	21.30
		270	0	20.08	20.07	20.11	21.30
	DFT-s-OFDM QPSK	1	1	20.13	20.21	20.14	21.30
		1	137	20.08	20.09	20.05	21.30
		1	271	20.07	20.11	20.11	21.30
		135	0	20.04	20.11	20.12	21.30
		135	69	20.09	20.19	20.17	21.30
		135	138	20.06	20.02	20.03	21.30
		270	0	20.03	20.08	20.06	21.30
	DFT-s-OFDM 16QAM	1	1	20.10	20.05	20.01	21.30
	DFT-s-OFDM 64QAM	1	1	20.12	20.07	20.05	21.30
	DFT-s-OFDM 256QAM	1	1	18.99	19.16	18.96	19.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				509202	518598	528000	
100MHz	CP-OFDM QPSK	1	1	19.96	19.99	19.91	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				508200	518598	528996	
90MHz	DFT-s-OFDM QPSK	1	1	19.93	19.99	19.84	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				507204	518598	529998	
80MHz	DFT-s-OFDM QPSK	1	1	19.93	19.93	19.92	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				506202	518598	531000	
70MHz	DFT-s-OFDM QPSK	1	1	20.01	19.90	19.90	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				505200	518598	531996	
60MHz	DFT-s-OFDM QPSK	1	1	19.94	19.98	19.94	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504204	518598	532998	
50MHz	DFT-s-OFDM QPSK	1	1	19.96	19.99	19.93	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503202	518598	534000	
40MHz	DFT-s-OFDM QPSK	1	1	19.96	19.94	19.88	21.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502200	518598	534996	
30MHz	DFT-s-OFDM QPSK	1	1	19.93	20.00	19.88	21.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501204	518598	535998	
20MHz	DFT-s-OFDM QPSK	1	1	19.99	19.92	19.85	21.30

N66 Default				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.63	21.49	21.53	22.70
		1	108	21.55	21.36	21.46	22.70
		1	214	21.06	20.97	21.08	22.70
		108	0	20.55	20.42	20.61	21.70
		108	54	21.48	21.58	21.50	22.70
		108	108	20.52	20.51	20.52	21.70
		216	0	20.53	20.53	20.49	21.70
	DFT-s-OFDM QPSK	1	1	21.70	21.57	21.57	22.70
		1	108	21.66	21.38	21.58	22.70
		1	214	21.23	21.17	21.18	22.70
		108	0	20.40	20.31	20.37	21.70
		108	54	21.77	21.86	21.69	22.70
		108	108	20.42	20.37	20.56	21.70
		216	0	20.56	20.67	20.61	21.70
	DFT-s-OFDM 16QAM	1	1	20.63	20.67	20.61	21.70
	DFT-s-OFDM 64QAM	1	1	19.56	19.54	19.44	20.20
	DFT-s-OFDM 256QAM	1	1	17.77	17.68	17.67	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.49	21.68	21.59	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.45	21.45	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.44	21.52	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.54	21.53	21.50	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.51	21.43	21.47	22.70

N66 DSI1				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.63	21.49	21.53	22.70
		1	108	21.55	21.36	21.46	22.70
		1	214	21.06	20.97	21.08	22.70
		108	0	20.55	20.42	20.61	21.70
		108	54	21.48	21.58	21.50	22.70
		108	108	20.52	20.51	20.52	21.70
		216	0	20.53	20.53	20.49	21.70
	DFT-s-OFDM QPSK	1	1	21.86	21.98	21.87	22.70
		1	108	21.66	21.38	21.58	22.70
		1	214	21.23	21.17	21.18	22.70
		108	0	20.40	20.31	20.37	21.70
		108	54	21.93	21.96	21.95	22.70
		108	108	20.42	20.37	20.56	21.70
		216	0	20.56	20.67	20.61	21.70
	DFT-s-OFDM 16QAM	1	1	20.63	20.67	20.61	21.70
	DFT-s-OFDM 64QAM	1	1	19.56	19.54	19.44	20.20
	DFT-s-OFDM 256QAM	1	1	17.77	17.68	17.67	18.20

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	21.47	21.42	21.53	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	21.58	21.45	21.45	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	21.47	21.44	21.52	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	21.54	21.53	21.50	22.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	21.51	21.43	21.47	22.70

N66 DSI4&5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.68	20.71	20.71	21.70
		1	108	20.65	20.74	20.69	21.70
		1	214	20.72	20.76	20.72	21.70
		108	0	20.71	20.73	20.70	21.70
		108	54	20.69	20.75	20.70	21.70
		108	108	20.66	20.78	20.73	21.70
		216	0	20.65	20.74	20.67	21.70
	DFT-s-OFDM QPSK	1	1	20.72	20.89	20.75	21.70
		1	108	20.68	20.83	20.71	21.70
		1	214	20.71	20.75	20.66	21.70
		108	0	20.66	20.77	20.71	21.70
		108	54	20.69	20.86	20.75	21.70
		108	108	20.61	20.77	20.71	21.70
		216	0	20.63	20.85	20.65	21.70

	DFT-s-OFDM 16QAM	1	1	20.75	20.73	20.60	21.70
	DFT-s-OFDM 64QAM	1	1	19.59	19.50	19.40	20.20
	DFT-s-OFDM 256QAM	1	1	17.78	17.65	17.66	18.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.51	19.54	19.43	20.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.82	20.77	20.62	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.70	20.82	20.70	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.61	20.61	20.63	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.77	20.64	20.70	21.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.65	20.69	20.69	21.70

9.7 Conducted Power of NR Antenna (Ant6)

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.80	/	28.00
		1	137	/	26.74	/	28.00
		1	271	/	26.53	/	28.00
		135	0	/	26.21	/	27.00
		135	69	/	26.47	/	28.00
		135	138	/	26.15	/	27.00
		270	0	/	25.76	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.99	/	28.00
		1	137	/	26.62	/	28.00
		1	271	/	26.51	/	28.00
		135	0	/	26.44	/	27.00
		135	69	/	26.55	/	28.00
		135	138	/	26.24	/	27.00
		270	0	/	25.71	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	26.15	/	27.00
	DFT-s-OFDM 64QAM	1	1	/	24.86	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.61	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.86	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.65	26.56	26.62	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.54	26.60	26.60	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	26.61	26.66	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.57	26.61	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.62	26.55	26.56	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	26.63	26.60	26.57	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	26.54	26.54	26.58	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.55	26.66	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	26.43	26.56	26.39	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.55	26.65	26.49	28.00

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.76	/	18.50
		1	137	/	17.70	/	18.50
		1	271	/	17.86	/	18.50
		135	0	/	17.80	/	18.50
		135	69	/	17.78	/	18.50
		135	138	/	17.68	/	18.50
		270	0	/	17.76	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.88	/	18.50
		1	137	/	17.71	/	18.50
		1	271	/	17.83	/	18.50
		135	0	/	17.80	/	18.50
		135	69	/	17.85	/	18.50
		135	138	/	17.76	/	18.50
		270	0	/	17.84	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.72	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.71	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.75	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.73	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.75	17.70	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.68	17.74	17.67	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.73	17.77	17.76	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.63	17.70	17.81	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.78	17.77	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.63	17.66	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	17.69	17.74	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.74	17.65	17.79	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.68	17.61	17.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.69	17.68	17.67	23.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.20	/	20.00
		1	137	/	19.26	/	20.00
		1	271	/	19.18	/	20.00
		135	0	/	19.26	/	20.00
		135	69	/	19.21	/	20.00
		135	138	/	19.17	/	20.00

		270	0	/	19.22	/	20.00
	DFT-s-OFDM QPSK	1	1	/	19.33	/	20.00
		1	137	/	19.22	/	20.00
		1	271	/	19.24	/	20.00
		135	0	/	19.26	/	20.00
		135	69	/	19.30	/	20.00
		135	138	/	19.23	/	20.00
		270	0	/	19.20	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	19.27	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	19.24	/	20.00
	DFT-s-OFDM 256QAM	1	1	/	19.27	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.23	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.20	19.25	19.12	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.16	19.27	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.14	19.21	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.13	19.28	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.19	19.26	19.19	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.17	19.25	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.15	19.19	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.15	19.24	19.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.16	19.18	19.10	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.19	19.04	19.10	20.00

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.54	/	25.70
		1	137	/	24.76	/	25.70
		1	271	/	24.82	/	25.70
		135	0	/	23.79	/	24.70
		135	69	/	24.87	/	25.70
		135	138	/	23.80	/	24.70
		270	0	/	23.71	/	24.70
	DFT-s-OFDM QPSK	1	1	/	24.72	/	25.70
		1	137	/	24.93	/	25.70
		1	271	/	25.01	/	25.70
		135	0	/	23.89	/	24.70
		135	69	/	24.97	/	25.70
		135	138	/	23.92	/	24.70
		270	0	/	23.89	/	24.70
	DFT-s-OFDM 16QAM	1	1	/	23.97	/	24.70
	DFT-s-OFDM 64QAM	1	1	/	22.44	/	23.20
	DFT-s-OFDM 256QAM	1	1	/	20.31	/	21.20
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.44	/	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.86	24.82	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.94	24.91	24.90	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.89	24.79	24.91	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up

60MHz	DFT-s-OFDM QPSK	1	1	24.83	24.88	24.87	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.81	24.88	24.98	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.86	24.83	24.94	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.84	24.82	24.85	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.90	24.85	24.98	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.87	24.78	24.99	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.83	24.89	24.86	25.70

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.73	/	16.20
		1	137	/	15.67	/	16.20
		1	271	/	15.76	/	16.20
		135	0	/	15.71	/	16.20
		135	69	/	15.72	/	16.20
		135	138	/	15.69	/	16.20
		270	0	/	15.77	/	16.20
	DFT-s-OFDM QPSK	1	1	/	15.90	/	16.20
		1	137	/	15.74	/	16.20
		1	271	/	15.77	/	16.20
		135	0	/	15.77	/	16.20
		135	69	/	15.89	/	16.20
		135	138	/	15.73	/	16.20
		270	0	/	15.77	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.75	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	15.73	/	16.20

	DFT-s-OFDM 256QAM	1	1	/	15.69	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.73	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.67	15.68	15.72	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.62	15.73	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	15.66	15.69	15.65	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.62	15.69	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.63	15.76	15.68	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.63	15.75	15.65	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	15.64	15.72	15.66	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.66	15.71	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	15.37	15.32	15.43	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.42	15.38	15.49	16.20

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.29	/	17.70
		1	137	/	17.33	/	17.70
		1	271	/	17.23	/	17.70
		135	0	/	17.31	/	17.70
		135	69	/	17.22	/	17.70
		135	138	/	17.23	/	17.70
		270	0	/	17.30	/	17.70
	DFT-s-OFDM QPSK	1	1	/	17.37	/	17.70
		1	137	/	17.19	/	17.70
		1	271	/	17.27	/	17.70
		135	0	/	17.30	/	17.70
		135	69	/	17.31	/	17.70
		135	138	/	17.29	/	17.70
		270	0	/	17.25	/	17.70
	DFT-s-OFDM 16QAM	1	1	/	17.23	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	17.32	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	17.31	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.31	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.27	17.28	17.13	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.16	17.33	17.19	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.16	17.27	17.18	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.28	17.22	17.08	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.29	17.25	17.08	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.19	17.32	17.14	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	

30MHz	DFT-s-OFDM QPSK	1	1	17.22	17.22	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.29	17.21	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.09	17.08	17.10	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.10	17.01	17.15	17.70

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	26.95	26.85	26.87	28.00
		1	137	27.00	26.91	26.88	28.00
		1	271	26.67	26.79	26.77	28.00
		135	0	26.72	26.67	26.59	27.00
		135	69	26.88	26.86	26.77	28.00
		135	138	26.70	26.61	26.70	27.00
		270	0	26.79	26.73	26.63	27.00
	DFT-s-OFDM QPSK	1	1	26.97	27.03	26.97	28.00
		1	137	26.93	26.95	26.99	28.00
		1	271	26.83	26.77	26.85	28.00
		135	0	26.74	26.77	26.78	27.00
		135	69	26.94	26.86	26.78	28.00
		135	138	26.94	26.82	26.77	27.00
		270	0	26.76	26.85	26.72	27.00
	DFT-s-OFDM 16QAM	1	1	26.23	26.18	26.18	27.00
	DFT-s-OFDM 64QAM	1	1	24.91	24.94	24.89	25.50
	DFT-s-OFDM 256QAM	1	1	22.57	22.70	22.57	23.50
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	24.88	24.89	24.85	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	26.43	26.55	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	26.51	26.46	26.47	28.00

Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	26.41	26.43	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.47	26.56	26.51	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.49	26.56	26.42	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	26.53	26.62	26.50	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	26.47	26.61	26.48	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	26.50	26.63	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	26.53	26.63	26.43	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	26.43	26.64	26.51	28.00

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.63	17.67	17.74	18.50
		1	137	17.72	17.75	17.65	18.50
		1	271	17.77	17.71	17.63	18.50
		135	0	17.61	17.65	17.71	18.50
		135	69	17.67	17.75	17.69	18.50
		135	138	17.56	17.72	17.67	18.50
		270	0	17.64	17.67	17.67	18.50
	DFT-s-OFDM QPSK	1	1	17.81	17.86	17.73	18.50
		1	137	17.74	17.73	17.67	18.50
		1	271	17.74	17.76	17.64	18.50
		135	0	17.78	17.83	17.57	18.50
		135	69	17.80	17.85	17.68	18.50

		135	138	17.69	17.69	17.58	18.50
		270	0	17.68	17.79	17.65	18.50
	DFT-s-OFDM 16QAM	1	1	17.67	17.74	17.71	18.50
	DFT-s-OFDM 64QAM	1	1	17.71	17.77	17.77	18.50
	DFT-s-OFDM 256QAM	1	1	17.63	17.65	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	17.62	17.71	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	656000	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.63	17.58	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	656000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.60	17.55	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649002	656000	662998	
70MHz	DFT-s-OFDM QPSK	1	1	17.47	17.58	17.48	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.56	17.56	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.59	17.56	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.44	17.66	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	17.64	17.47	17.63	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.55	17.51	17.54	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	17.48	17.50	17.51	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.61	17.48	17.60	18.50

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.21	19.27	19.21	20.00
		1	137	19.19	19.26	19.13	20.00
		1	271	19.19	19.28	19.12	20.00
		135	0	19.12	19.18	19.13	20.00
		135	69	19.15	19.21	19.20	20.00
		135	138	19.22	19.24	19.22	20.00
		270	0	19.20	19.22	19.20	20.00
	DFT-s-OFDM QPSK	1	1	19.24	19.26	19.24	20.00
		1	137	19.12	19.18	19.22	20.00
		1	271	19.21	19.23	19.13	20.00
		135	0	19.13	19.19	19.12	20.00
		135	69	19.21	19.24	19.14	20.00
		135	138	19.17	19.22	19.13	20.00
		270	0	19.11	19.20	19.15	20.00
	DFT-s-OFDM 16QAM	1	1	19.12	19.18	19.20	20.00
	DFT-s-OFDM 64QAM	1	1	19.16	19.18	19.21	20.00
	DFT-s-OFDM 256QAM	1	1	19.22	19.18	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.19	19.23	19.17	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.10	19.08	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.21	19.11	19.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.11	19.20	19.03	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	19.20	19.20	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.12	19.02	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.11	19.09	19.21	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.22	19.21	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.15	19.08	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.15	19.10	19.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.07	19.15	19.19	20.00

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.84	24.94	24.89	25.70
		1	137	24.98	25.09	24.93	25.70
		1	271	24.95	25.03	25.04	25.70
		135	0	23.93	23.83	23.83	24.70
		135	69	25.05	24.94	24.87	25.70
		135	138	24.03	23.99	23.83	24.70
		270	0	23.86	23.99	23.89	24.70
	DFT-s-OFDM QPSK	1	1	24.95	24.96	24.83	25.70
		1	137	25.13	25.19	25.10	25.70
		1	271	25.08	25.08	25.06	25.70
		135	0	24.09	24.05	23.85	24.70
		135	69	25.08	24.98	24.95	25.70
		135	138	24.02	24.14	23.89	24.70
		270	0	23.99	23.99	23.93	24.70
	DFT-s-OFDM 16QAM	1	1	24.20	24.18	24.11	24.70
	DFT-s-OFDM 64QAM	1	1	22.65	22.65	22.61	23.20
	DFT-s-OFDM 256QAM	1	1	20.49	20.45	20.40	21.20
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up

100MHz	CP-OFDM QPSK	1	1	22.68	22.72	22.50	23.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.91	24.83	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.86	24.74	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.79	24.72	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.78	24.71	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.90	24.79	24.86	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.85	24.72	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.84	24.73	24.88	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.87	24.71	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.87	24.78	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.81	25.70

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	15.63	15.68	15.68	16.20
		1	137	15.70	15.69	15.63	16.20

		1	271	15.71	15.72	15.68	16.20
		135	0	15.65	15.70	15.70	16.20
		135	69	15.64	15.71	15.69	16.20
		135	138	15.61	15.70	15.70	16.20
		270	0	15.66	15.69	15.68	16.20
	DFT-s-OFDM QPSK	1	1	15.73	15.87	15.71	16.20
		1	137	15.68	15.74	15.66	16.20
		1	271	15.72	15.69	15.64	16.20
		135	0	15.71	15.75	15.62	16.20
		135	69	15.78	15.83	15.69	16.20
		135	138	15.70	15.69	15.62	16.20
		270	0	15.70	15.78	15.68	16.20
	DFT-s-OFDM 16QAM	1	1	15.66	15.68	15.70	16.20
	DFT-s-OFDM 64QAM	1	1	15.70	15.78	15.68	16.20
	DFT-s-OFDM 256QAM	1	1	15.67	15.69	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	15.65	15.69	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.63	15.70	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.74	15.83	15.83	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.62	15.66	15.66	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 656000	Channel 663332	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.69	15.76	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 656000	Channel 663666	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.67	15.62	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 656000	Channel 664000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.63	15.68	15.83	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 656000	Channel 664332	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.67	15.83	15.69	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 656000	Channel 664666	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	15.68	15.63	15.64	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 656000	Channel 664834	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.72	15.64	15.67	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 656000	Channel 665000	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.72	15.82	15.77	16.20

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.22	17.28	17.16	17.70
		1	137	17.26	17.23	17.17	17.70
		1	271	17.23	17.31	17.11	17.70
		135	0	17.19	17.18	17.11	17.70
		135	69	17.21	17.21	17.20	17.70
		135	138	17.30	17.22	17.26	17.70
		270	0	17.26	17.29	17.28	17.70
	DFT-s-OFDM QPSK	1	1	17.23	17.33	17.27	17.70
		1	137	17.13	17.17	17.23	17.70
		1	271	17.24	17.28	17.19	17.70
		135	0	17.14	17.24	17.20	17.70
		135	69	17.21	17.30	17.22	17.70
		135	138	17.16	17.27	17.12	17.70
		270	0	17.08	17.20	17.16	17.70
	DFT-s-OFDM 16QAM	1	1	17.08	17.22	17.25	17.70
	DFT-s-OFDM 64QAM	1	1	17.11	17.19	17.17	17.70
	DFT-s-OFDM 256QAM	1	1	17.32	17.16	17.27	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.27	17.26	17.20	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 656000	Channel 662332	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.28	17.17	17.25	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 656000	Channel 662666	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.25	17.19	17.15	17.70
Bandwidth	Modulation	RB size	RB offset	Channel 649002	Channel 656000	Channel 662998	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.12	17.24	17.25	17.70

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	656000	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.18	17.17	17.11	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	656000	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.27	17.18	17.16	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	656000	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.26	17.22	17.23	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	656000	664332	
30MHz	DFT-s-OFDM QPSK	1	1	17.22	17.18	17.24	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	656000	664666	
20MHz	DFT-s-OFDM QPSK	1	1	17.26	17.13	17.14	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	656000	664834	
15MHz	DFT-s-OFDM QPSK	1	1	17.27	17.22	17.18	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	656000	665000	
10MHz	DFT-s-OFDM QPSK	1	1	17.13	17.17	17.23	17.70

N78 PC2 Default				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.84	/	28.00
		1	137	/	26.66	/	28.00
		1	271	/	26.49	/	28.00
		135	0	/	26.25	/	27.00
		135	69	/	26.49	/	28.00
		135	138	/	26.12	/	27.00
		270	0	/	25.71	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.91	/	28.00
		1	137	/	26.77	/	28.00
		1	271	/	26.53	/	28.00
		135	0	/	26.39	/	27.00
		135	69	/	26.55	/	28.00
		135	138	/	26.08	/	27.00
		270	0	/	25.82	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	26.20	/	27.00

	DFT-s-OFDM 64QAM	1	1	/	24.85	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.66	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.88	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	26.46	26.55	26.56	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	26.45	26.47	26.52	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	26.53	26.56	26.49	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	26.41	26.47	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	26.42	26.48	26.54	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	26.43	26.66	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	26.54	26.61	26.43	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	26.49	26.60	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	26.42	26.65	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	26.54	26.61	26.39	28.00

N78 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.63	/	18.50
		1	137	/	17.64	/	18.50
		1	271	/	17.56	/	18.50
		135	0	/	17.68	/	18.50
		135	69	/	17.71	/	18.50
		135	138	/	17.67	/	18.50
		270	0	/	17.68	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.80	/	18.50
		1	137	/	17.59	/	18.50
		1	271	/	17.65	/	18.50
		135	0	/	17.75	/	18.50
		135	69	/	17.79	/	18.50
		135	138	/	17.73	/	18.50
		270	0	/	17.62	/	18.50
	DFT-s-OFDM 16QAM	1	1	/	17.56	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.74	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.61	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	17.71	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	18.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	18.50

N78 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.60	/	19.50
		1	137	/	18.62	/	19.50
		1	271	/	18.61	/	19.50
		135	0	/	18.59	/	19.50
		135	69	/	18.60	/	19.50
		135	138	/	18.57	/	19.50
		270	0	/	18.61	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.69	/	19.50
		1	137	/	18.58	/	19.50
		1	271	/	18.62	/	19.50
		135	0	/	18.64	/	19.50
		135	69	/	18.68	/	19.50
		135	138	/	18.62	/	19.50
		270	0	/	18.64	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.66	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.58	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.60	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	18.60	18.53	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.64	18.55	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.55	18.59	18.61	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.52	18.64	18.51	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.58	18.55	18.63	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.64	18.57	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.64	18.58	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.60	18.54	18.60	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.60	18.60	18.52	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.55	18.55	18.55	19.50

N78 PC3 Default				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.79	/	25.70
		1	137	/	24.71	/	25.70
		1	271	/	24.00	/	25.70
		135	0	/	24.84	/	25.70
		135	69	/	24.84	/	25.70
		135	138	/	24.82	/	25.70
		270	0	/	24.79	/	25.70

	DFT-s-OFDM QPSK	1	1	/	24.91	/	25.70
		1	137	/	24.86	/	25.70
		1	271	/	24.03	/	25.70
		135	0	/	24.86	/	25.70
		135	69	/	24.89	/	25.70
		135	138	/	24.90	/	25.70
		270	0	/	24.89	/	25.70
	DFT-s-OFDM 16QAM	1	1	/	24.94	/	25.70
	DFT-s-OFDM 64QAM	1	1	/	24.50	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.37	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	24.52	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.94	24.88	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.79	24.74	24.83	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	24.87	24.71	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.91	24.80	24.80	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.85	24.80	24.82	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.93	24.75	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.82	24.84	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.84	24.81	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	24.91	24.75	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.91	24.80	24.78	25.70

N78 PC3 DSI1&5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.61	/	16.20
		1	137	/	15.61	/	16.20
		1	271	/	15.60	/	16.20
		135	0	/	15.66	/	16.20
		135	69	/	15.65	/	16.20
		135	138	/	15.62	/	16.20
		270	0	/	15.60	/	16.20
	DFT-s-OFDM QPSK	1	1	/	15.76	/	16.20
		1	137	/	15.61	/	16.20
		1	271	/	15.65	/	16.20
		135	0	/	15.65	/	16.20
		135	69	/	15.70	/	16.20
		135	138	/	15.66	/	16.20
		270	0	/	15.57	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.58	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	15.68	/	16.20
	DFT-s-OFDM 256QAM	1	1	/	15.60	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	15.51	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.58	15.56	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.62	15.52	15.56	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	

70MHz	DFT-s-OFDM QPSK	1	1	15.59	15.58	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.61	15.51	15.52	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.55	15.59	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.61	15.57	15.57	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.61	15.59	15.57	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.60	15.60	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.61	15.54	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.55	15.53	15.55	16.20

N78 PC3 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.85	/	17.70
		1	137	/	16.88	/	17.70
		1	271	/	16.91	/	17.70
		135	0	/	16.89	/	17.70
		135	69	/	16.76	/	17.70
		135	138	/	16.80	/	17.70
		270	0	/	16.78	/	17.70
	DFT-s-OFDM QPSK	1	1	/	16.99	/	17.70
		1	137	/	16.74	/	17.70
		1	271	/	16.84	/	17.70
		135	0	/	16.84	/	17.70
		135	69	/	16.95	/	17.70
		135	138	/	16.77	/	17.70
		270	0	/	16.86	/	17.70

	DFT-s-OFDM 16QAM	1	1	/	16.90	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.92	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.82	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.88	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.62	16.72	16.77	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.84	16.78	16.92	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.65	16.92	16.76	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.67	16.92	16.86	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.67	16.85	16.63	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.76	16.81	16.65	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.96	16.85	16.67	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.96	16.66	16.72	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.76	16.78	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.68	16.71	16.75	17.70

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	26.90	/	28.00
		1	137	/	26.50	/	28.00
		1	271	/	26.51	/	28.00
		135	0	/	26.34	/	27.00
		135	69	/	26.48	/	28.00
		135	138	/	26.08	/	27.00
		270	0	/	25.60	/	27.00
	DFT-s-OFDM QPSK	1	1	/	26.90	/	28.00
		1	137	/	26.68	/	28.00
		1	271	/	26.63	/	28.00
		135	0	/	26.34	/	27.00
		135	69	/	26.56	/	28.00
		135	138	/	26.16	/	27.00
		270	0	/	25.88	/	27.00
	DFT-s-OFDM 16QAM	1	1	/	26.11	/	27.00
	DFT-s-OFDM 64QAM	1	1	/	24.82	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.72	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	24.63	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	26.51	26.64	26.53	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	26.53	26.55	26.47	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	26.40	26.52	26.49	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	26.50	26.60	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	26.53	26.53	26.54	28.00

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	26.41	26.64	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.53	26.59	26.45	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.49	26.62	26.50	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	26.42	26.58	26.40	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	26.44	26.52	26.42	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	26.44	26.64	26.46	28.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	26.46	26.54	26.48	28.00

N78 PC2 DSI1&5				**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	/	17.67	/	18.50
		1	137	/	17.62	/	18.50
		1	271	/	17.70	/	18.50
		135	0	/	17.62	/	18.50
		135	69	/	17.54	/	18.50
		135	138	/	17.75	/	18.50
		270	0	/	17.67	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.75	/	18.50
		1	137	/	17.63	/	18.50
		1	271	/	17.66	/	18.50
		135	0	/	17.72	/	18.50
		135	69	/	17.64	/	18.50
		135	138	/	17.53	/	18.50
		270	0	/	17.69	/	18.50

	DFT-s-OFDM 16QAM	1	1	/	17.68	/	18.50
	DFT-s-OFDM 64QAM	1	1	/	17.61	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	17.65	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.60	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	17.54	17.73	17.51	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	17.57	17.67	17.58	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	17.60	17.68	17.59	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	17.63	17.60	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	17.63	17.73	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	17.61	17.61	17.55	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.64	17.69	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.64	17.66	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	17.64	17.69	17.50	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	17.64	17.66	17.60	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	17.59	17.41	17.41	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	17.60	17.45	17.32	18.50

N78 PC2 DSI4				**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	/	18.68	/	19.50
		1	137	/	18.59	/	19.50
		1	271	/	18.57	/	19.50
		135	0	/	18.57	/	19.50
		135	69	/	18.67	/	19.50
		135	138	/	18.59	/	19.50
		270	0	/	18.67	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.68	/	19.50
		1	137	/	18.63	/	19.50
		1	271	/	18.59	/	19.50
		135	0	/	18.63	/	19.50
		135	69	/	18.66	/	19.50
		135	138	/	18.62	/	19.50
		270	0	/	18.59	/	19.50
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.50
	DFT-s-OFDM 64QAM	1	1	/	18.59	/	19.50
	DFT-s-OFDM 256QAM	1	1	/	18.62	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.56	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.57	18.68	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.61	18.66	18.54	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.56	18.65	18.56	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	

60MHz	DFT-s-OFDM QPSK	1	1	18.58	18.58	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.59	18.60	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	18.60	18.58	18.58	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.62	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.59	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	18.59	18.62	18.62	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	18.58	18.59	18.57	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.62	18.57	18.59	19.50
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.53	18.51	19.50

N78 PC3 Default				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.95	/	25.70
		1	137	/	25.05	/	25.70
		1	271	/	24.23	/	25.70
		135	0	/	25.00	/	25.70
		135	69	/	25.00	/	25.70
		135	138	/	25.03	/	25.70
		270	0	/	24.96	/	25.70
	DFT-s-OFDM QPSK	1	1	/	24.83	/	25.70
		1	137	/	25.09	/	25.70
		1	271	/	25.01	/	25.70
		135	0	/	24.92	/	25.70

		135	69	/	24.91	/	25.70
		135	138	/	24.85	/	25.70
		270	0	/	24.91	/	25.70
	DFT-s-OFDM 16QAM	1	1	/	24.91	/	25.70
	DFT-s-OFDM 64QAM	1	1	/	24.35	/	25.50
	DFT-s-OFDM 256QAM	1	1	/	22.11	/	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	24.33	/	25.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.93	24.93	24.96	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.90	24.76	24.76	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.87	24.81	24.89	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.93	24.81	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.85	24.70	24.84	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.86	24.72	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.87	24.74	24.86	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.85	24.72	24.85	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.88	24.74	24.79	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.90	24.78	24.77	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	24.82	24.81	24.78	25.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.83	24.74	24.78	25.70

N78 PC3 DSI1&5				**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	/	15.60	/	16.20
		1	137	/	15.60	/	16.20
		1	271	/	15.65	/	16.20
		135	0	/	15.65	/	16.20
		135	69	/	15.57	/	16.20
		135	138	/	15.66	/	16.20
		270	0	/	15.67	/	16.20
	DFT-s-OFDM QPSK	1	1	/	15.69	/	16.20
		1	137	/	15.61	/	16.20
		1	271	/	15.65	/	16.20
		135	0	/	15.63	/	16.20
		135	69	/	15.66	/	16.20
		135	138	/	15.57	/	16.20
		270	0	/	15.60	/	16.20
	DFT-s-OFDM 16QAM	1	1	/	15.64	/	16.20
	DFT-s-OFDM 64QAM	1	1	/	15.59	/	16.20
	DFT-s-OFDM 256QAM	1	1	/	15.60	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	15.55	/	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	15.60	15.61	15.52	16.20
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	

80MHz	DFT-s-OFDM QPSK	1	1	15.61	15.60	15.55	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	15.59	15.66	15.59	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	15.58	15.68	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	15.54	15.60	15.60	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	15.51	15.66	15.58	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.53	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	15.54	15.68	15.61	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	15.58	15.47	15.46	16.20
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	15.54	15.52	15.46	16.20

N78 PC3 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.77	/	17.70
		1	137	/	16.85	/	17.70
		1	271	/	16.78	/	17.70
		135	0	/	16.77	/	17.70

		135	69	/	16.87	/	17.70
		135	138	/	16.81	/	17.70
		270	0	/	16.84	/	17.70
	DFT-s-OFDM QPSK	1	1	/	16.98	/	17.70
		1	137	/	16.74	/	17.70
		1	271	/	16.86	/	17.70
		135	0	/	16.94	/	17.70
		135	69	/	16.96	/	17.70
		135	138	/	16.83	/	17.70
		270	0	/	16.91	/	17.70
	DFT-s-OFDM 16QAM	1	1	/	16.87	/	17.70
	DFT-s-OFDM 64QAM	1	1	/	16.81	/	17.70
	DFT-s-OFDM 256QAM	1	1	/	16.86	/	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.80	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.83	16.85	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.86	16.84	16.74	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	16.74	16.97	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	**DFT-s-OFDM QPSK**	1	1	16.76	16.84	16.72	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.83	16.97	16.73	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.76	16.98	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.75	16.92	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	16.76	16.86	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.75	16.92	16.75	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.76	16.86	16.82	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	16.57	16.71	16.64	17.70
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.79	16.64	16.57	17.70

9.8 Conducted Power of NR Antenna (Ant7)

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.16	/	25.30
		1	137	/	24.35	/	25.30
		1	271	/	23.98	/	25.30
		135	0	/	24.03	/	24.30
		135	69	/	24.17	/	25.30
		135	138	/	24.09	/	24.30
		270	0	/	24.07	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.39	/	25.30
		1	137	/	24.38	/	25.30
		1	271	/	24.09	/	25.30
		135	0	/	24.08	/	24.30
		135	69	/	24.28	/	25.30
		135	138	/	24.22	/	24.30
		270	0	/	24.13	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.17	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	21.97	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	19.65	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	

100MHz	CP-OFDM QPSK	1	1	/	22.05	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.17	24.23	24.26	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.22	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.14	24.25	24.21	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.15	24.17	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.14	24.22	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.11	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.09	24.16	24.10	25.30

N77 PC2 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.59	/	19.30
		1	137	/	18.58	/	19.30

		1	271	/	18.57	/	19.30
		135	0	/	18.54	/	19.30
		135	69	/	18.59	/	19.30
		135	138	/	18.61	/	19.30
		270	0	/	18.61	/	19.30
	DFT-s-OFDM QPSK	1	1	/	18.72	/	19.30
		1	137	/	18.56	/	19.30
		1	271	/	18.56	/	19.30
		135	0	/	18.64	/	19.30
		135	69	/	18.71	/	19.30
		135	138	/	18.58	/	19.30
		270	0	/	18.54	/	19.30
	DFT-s-OFDM 16QAM	1	1	/	18.60	/	19.30
	DFT-s-OFDM 64QAM	1	1	/	18.71	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	18.62	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.66	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.58	18.64	18.64	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.62	18.57	18.65	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.58	18.56	18.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.59	18.61	18.64	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.60	18.68	18.55	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.68	18.58	18.62	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	18.68	18.67	18.64	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.62	18.58	18.61	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	18.61	18.63	18.65	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	18.59	18.65	18.65	19.30

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.51	/	23.30
		1	137	/	21.77	/	23.30
		1	271	/	21.83	/	23.30
		135	0	/	20.85	/	22.30
		135	69	/	21.81	/	23.30
		135	138	/	20.76	/	22.30
		270	0	/	20.65	/	22.30
	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.30
		1	137	/	21.85	/	23.30
		1	271	/	21.95	/	23.30
		135	0	/	20.83	/	22.30
		135	69	/	22.01	/	23.30
		135	138	/	20.94	/	22.30
		270	0	/	20.92	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	20.89	/	22.30
	DFT-s-OFDM 64QAM	1	1	/	19.39	/	20.80
	DFT-s-OFDM 256QAM	1	1	/	17.26	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.45	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.51	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up

70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.48	21.59	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.47	21.59	21.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.51	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.48	21.47	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.44	21.46	23.30

N77 PC3 DSI1&3&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.55	/	17.30
		1	137	/	16.62	/	17.30
		1	271	/	16.61	/	17.30
		135	0	/	16.56	/	17.30
		135	69	/	16.53	/	17.30
		135	138	/	16.62	/	17.30
		270	0	/	16.62	/	17.30
	DFT-s-OFDM QPSK	1	1	/	16.76	/	17.30
		1	137	/	16.61	/	17.30
		1	271	/	16.58	/	17.30
		135	0	/	16.61	/	17.30
		135	69	/	16.66	/	17.30
		135	138	/	16.54	/	17.30
		270	0	/	16.60	/	17.30

	DFT-s-OFDM 16QAM	1	1	/	16.54	/	17.30
	DFT-s-OFDM 64QAM	1	1	/	16.63	/	17.30
	DFT-s-OFDM 256QAM	1	1	/	16.60	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.62	16.58	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.57	16.54	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	16.54	16.60	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.57	16.59	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.59	16.57	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.54	16.61	16.55	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.61	16.58	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.56	16.59	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.64	16.57	16.62	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.60	16.62	16.58	17.30

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.16	/	25.30
		1	137	/	24.35	/	25.30
		1	271	/	23.98	/	25.30
		135	0	/	24.03	/	24.30
		135	69	/	24.17	/	25.30
		135	138	/	24.09	/	24.30
		270	0	/	24.07	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.39	/	25.30
		1	137	/	24.38	/	25.30
		1	271	/	24.09	/	25.30
		135	0	/	24.08	/	24.30
		135	69	/	24.28	/	25.30
		135	138	/	24.22	/	24.30
		270	0	/	24.13	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.17	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	21.97	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	19.65	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.05	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.17	24.23	24.26	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	24.18	24.26	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.18	24.22	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.22	24.18	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	

40MHz	DFT-s-OFDM QPSK	1	1	24.14	24.25	24.21	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	24.15	24.17	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.14	24.22	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.06	24.11	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.09	24.16	24.10	25.30

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.51	/	23.30
		1	137	/	21.77	/	23.30
		1	271	/	21.83	/	23.30
		135	0	/	20.85	/	22.30
		135	69	/	21.81	/	23.30
		135	138	/	20.76	/	22.30
		270	0	/	20.65	/	22.30
	DFT-s-OFDM QPSK	1	1	/	22.06	/	23.30
		1	137	/	21.85	/	23.30
		1	271	/	21.95	/	23.30
		135	0	/	20.83	/	22.30
		135	69	/	22.01	/	23.30
		135	138	/	20.94	/	22.30
		270	0	/	20.92	/	22.30
	DFT-s-OFDM 16QAM	1	1	/	20.89	/	22.30
	DFT-s-OFDM 64QAM	1	1	/	19.39	/	20.80
	DFT-s-OFDM 256QAM	1	1	/	17.26	/	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.45	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.46	21.52	21.51	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.48	21.59	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.47	21.59	21.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.45	21.51	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.57	21.52	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.55	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.48	21.47	21.60	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.43	21.52	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.46	21.44	21.46	23.30

N77 PC2 Default				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.12	24.14	24.15	25.30
		1	137	24.17	24.17	24.07	25.30
		1	271	23.94	23.98	23.93	25.30
		135	0	23.95	23.85	23.82	24.30
		135	69	24.04	24.04	23.94	25.30
		135	138	23.96	23.79	23.91	24.30
		270	0	24.04	23.95	23.84	24.30
	DFT-s-OFDM	1	1	24.20	24.31	24.20	25.30

	QPSK	1	137	24.16	24.19	24.20	25.30
		1	271	24.03	23.95	24.04	25.30
		135	0	23.97	24.04	23.95	24.30
		135	69	24.13	24.06	24.02	25.30
		135	138	24.14	24.04	23.94	24.30
		270	0	24.02	24.05	23.88	24.30
	DFT-s-OFDM 16QAM	1	1	23.39	23.42	23.33	24.30
	DFT-s-OFDM 64QAM	1	1	22.19	22.10	22.14	22.80
	DFT-s-OFDM 256QAM	1	1	19.84	19.96	19.75	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.12	22.10	22.16	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.13	24.09	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.03	24.09	24.08	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.06	24.14	24.05	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.17	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.13	24.12	24.10	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.12	24.05	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.03	24.03	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.13	24.16	25.30

Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.08	24.13	24.06	25.30

N77 PC2 DSI1&3&5				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.65	18.76	18.71	19.30
		1	137	18.71	18.72	18.79	19.30
		1	271	18.67	18.73	18.64	19.30
		135	0	18.74	18.63	18.70	19.30
		135	69	18.70	18.66	18.71	19.30
		135	138	18.71	18.82	18.60	19.30
		270	0	18.78	18.64	18.76	19.30
	DFT-s-OFDM QPSK	1	1	18.73	18.86	18.73	19.30
		1	137	18.71	18.63	18.68	19.30
		1	271	18.65	18.79	18.81	19.30
		135	0	18.74	18.67	18.67	19.30
		135	69	18.72	18.82	18.75	19.30
		135	138	18.65	18.78	18.71	19.30
		270	0	18.73	18.75	18.80	19.30
	DFT-s-OFDM 16QAM	1	1	18.81	18.68	18.72	19.30
	DFT-s-OFDM 64QAM	1	1	18.69	18.71	18.68	19.30
	DFT-s-OFDM 256QAM	1	1	18.76	18.70	18.71	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.78	18.74	18.84	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.79	18.84	18.77	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.71	18.80	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.76	18.71	18.82	19.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.82	18.76	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.82	18.73	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.80	18.74	18.76	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.81	18.73	18.84	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.72	18.74	18.78	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.85	18.74	18.80	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.76	18.76	18.78	19.30

N77 PC3 Default				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.44	21.46	21.51	23.30
		1	137	21.51	21.67	21.58	23.30
		1	271	21.51	21.55	21.57	23.30
		135	0	20.46	20.46	20.43	22.30
		135	69	21.68	21.47	21.40	23.30
		135	138	20.59	20.60	20.47	22.30
		270	0	20.39	20.56	20.47	22.30
	DFT-s-OFDM QPSK	1	1	21.87	22.01	21.84	23.30
		1	137	21.73	21.83	21.72	23.30
		1	271	21.63	21.73	21.58	23.30
		135	0	20.74	20.68	20.43	22.30
		135	69	21.76	21.99	21.83	23.30
		135	138	20.54	20.77	20.49	22.30
		270	0	20.62	20.73	20.44	22.30
	DFT-s-OFDM 16QAM	1	1	20.77	20.73	20.72	22.30
	DFT-s-OFDM 64QAM	1	1	19.23	19.18	19.17	20.80
	DFT-s-OFDM 256QAM	1	1	17.01	17.04	16.99	18.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	

100MHz	CP-OFDM QPSK	1	1	19.31	19.23	19.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	23.30

N77 PC3 DSI1&3&5				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.69	16.72	16.68	17.30
		1	137	16.63	16.73	16.73	17.30
		1	271	16.64	16.66	16.64	17.30

		135	0	16.68	16.64	16.74	17.30
		135	69	16.63	16.70	16.73	17.30
		135	138	16.65	16.72	16.64	17.30
		270	0	16.72	16.66	16.71	17.30
	DFT-s-OFDM QPSK	1	1	16.76	16.87	16.73	17.30
		1	137	16.66	16.64	16.67	17.30
		1	271	16.68	16.73	16.73	17.30
		135	0	16.68	16.65	16.71	17.30
		135	69	16.73	16.84	16.79	17.30
		135	138	16.64	16.71	16.72	17.30
		270	0	16.71	16.70	16.71	17.30
	DFT-s-OFDM 16QAM	1	1	16.73	16.72	16.69	17.30
	DFT-s-OFDM 64QAM	1	1	16.67	16.72	16.69	17.30
	DFT-s-OFDM 256QAM	1	1	16.68	16.68	16.67	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	16.62	16.63	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.69	16.67	16.68	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.69	16.81	16.79	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.74	16.71	16.70	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.69	16.72	16.79	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.65	16.73	16.78	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.62	16.74	16.81	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.68	16.81	16.68	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up

20MHz	DFT-s-OFDM QPSK	1	1	16.66	16.80	16.75	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.80	16.62	16.71	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.75	16.70	16.72	17.30

N77 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	24.12	24.14	24.15	25.30
		1	137	24.17	24.17	24.07	25.30
		1	271	23.94	23.98	23.93	25.30
		135	0	23.95	23.85	23.82	24.30
		135	69	24.04	24.04	23.94	25.30
		135	138	23.96	23.79	23.91	24.30
		270	0	24.04	23.95	23.84	24.30
	DFT-s-OFDM QPSK	1	1	24.20	24.31	24.20	25.30
		1	137	24.16	24.19	24.20	25.30
		1	271	24.03	23.95	24.04	25.30
		135	0	23.97	24.04	23.95	24.30
		135	69	24.13	24.06	24.02	25.30
		135	138	24.14	24.04	23.94	24.30
		270	0	24.02	24.05	23.88	24.30
	DFT-s-OFDM 16QAM	1	1	23.39	23.42	23.33	24.30
	DFT-s-OFDM 64QAM	1	1	22.19	22.10	22.14	22.80
	DFT-s-OFDM 256QAM	1	1	19.84	19.96	19.75	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	22.12	22.10	22.16	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.13	24.09	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.03	24.09	24.08	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up

70MHz	DFT-s-OFDM QPSK	1	1	24.06	24.14	24.05	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.24	24.17	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.19	24.22	24.03	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	24.13	24.12	24.10	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	24.12	24.05	24.09	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	24.03	24.03	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.15	24.13	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.08	24.13	24.06	25.30

N77 PC3 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.44	21.46	21.51	23.30
		1	137	21.51	21.67	21.58	23.30
		1	271	21.51	21.55	21.57	23.30
		135	0	20.46	20.46	20.43	22.30
		135	69	21.68	21.47	21.40	23.30
		135	138	20.59	20.60	20.47	22.30
		270	0	20.39	20.56	20.47	22.30
	DFT-s-OFDM QPSK	1	1	21.87	22.01	21.84	23.30
		1	137	21.73	21.83	21.72	23.30
		1	271	21.63	21.73	21.58	23.30
		135	0	20.74	20.68	20.43	22.30
		135	69	21.76	21.99	21.83	23.30
		135	138	20.54	20.77	20.49	22.30
		270	0	20.62	20.73	20.44	22.30
	DFT-s-OFDM 16QAM	1	1	20.77	20.73	20.72	22.30

	DFT-s-OFDM 64QAM	1	1	19.23	19.18	19.17	20.80
	DFT-s-OFDM 256QAM	1	1	17.01	17.04	16.99	18.80
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	19.31	19.23	19.16	20.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.67	17.70	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.69	17.65	17.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.61	17.76	17.70	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.65	17.66	17.66	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.64	17.65	17.71	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.67	17.67	17.62	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.67	17.64	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.70	17.76	17.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.64	17.61	17.65	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.72	17.64	17.68	23.30

N78 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.32	/	25.30
		1	137	/	24.41	/	25.30
		1	271	/	24.13	/	25.30
		135	0	/	24.13	/	24.30
		135	69	/	24.27	/	25.30
		135	138	/	24.06	/	24.30
		270	0	/	24.13	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.37	/	25.30
		1	137	/	24.36	/	25.30
		1	271	/	24.14	/	25.30
		135	0	/	24.12	/	24.30
		135	69	/	24.35	/	25.30
		135	138	/	24.29	/	24.30
		270	0	/	24.28	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.65	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.08	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	22.16	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.13	24.15	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	24.14	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	24.21	24.11	24.22	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	24.21	24.21	24.18	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	24.21	24.17	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.16	24.17	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.19	24.14	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.22	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.15	24.22	25.30

N78 PC2 DSI1&3&5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.54	/	19.30
		1	137	/	18.49	/	19.30
		1	271	/	18.56	/	19.30
		135	0	/	18.42	/	19.30
		135	69	/	18.53	/	19.30
		135	138	/	18.58	/	19.30
		270	0	/	18.49	/	19.30
	DFT-s-OFDM QPSK	1	1	/	18.67	/	19.30
		1	137	/	18.54	/	19.30
		1	271	/	18.53	/	19.30
		135	0	/	18.48	/	19.30
		135	69	/	18.65	/	19.30
		135	138	/	18.41	/	19.30
		270	0	/	18.45	/	19.30
	DFT-s-OFDM 16QAM	1	1	/	18.53	/	19.30
	DFT-s-OFDM 64QAM	1	1	/	18.54	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	18.49	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.55	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	18.49	18.52	18.50	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.47	18.46	18.49	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	18.53	18.50	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.51	18.49	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.48	18.48	18.46	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.49	18.45	18.47	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.45	18.48	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.48	18.52	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.51	18.51	18.46	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.53	18.51	18.49	19.30

N78 PC3 Default				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.71	/	23.30
		1	137	/	21.59	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.78	/	23.30
		135	69	/	21.79	/	23.30
		135	138	/	21.72	/	23.30
		270	0	/	21.69	/	23.30
	DFT-s-OFDM	1	1	/	21.91	/	23.30

	QPSK	1	137	/	21.82	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.80	/	23.30
		135	69	/	21.81	/	23.30
		135	138	/	21.87	/	23.30
		270	0	/	21.86	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30
	DFT-s-OFDM 64QAM	1	1	/	21.64	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.52	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.73	21.73	21.82	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.83	21.79	21.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.85	21.74	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.74	21.73	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.77	21.79	21.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.74	21.76	21.85	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.73	21.80	21.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.71	21.83	21.73	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	21.74	21.78	21.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.78	21.74	21.76	23.30

N78 PC3 DSI1&3&5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.53	/	17.30
		1	137	/	16.44	/	17.30
		1	271	/	16.49	/	17.30
		135	0	/	16.44	/	17.30
		135	69	/	16.49	/	17.30
		135	138	/	16.53	/	17.30
		270	0	/	16.43	/	17.30
	DFT-s-OFDM QPSK	1	1	/	16.58	/	17.30
		1	137	/	16.49	/	17.30
		1	271	/	16.54	/	17.30
		135	0	/	16.45	/	17.30
		135	69	/	16.57	/	17.30
		135	138	/	16.43	/	17.30
		270	0	/	16.44	/	17.30
	DFT-s-OFDM 16QAM	1	1	/	16.52	/	17.30
	DFT-s-OFDM 64QAM	1	1	/	16.52	/	17.30
	DFT-s-OFDM 256QAM	1	1	/	16.49	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.52	16.41	16.43	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.44	16.48	16.40	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.37	16.49	16.33	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	

60MHz	DFT-s-OFDM QPSK	1	1	16.42	16.32	16.35	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.35	16.50	16.47	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.44	16.53	16.51	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.43	16.53	16.35	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.31	16.35	16.51	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	16.36	16.52	16.31	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	16.51	16.31	16.52	17.30

N78 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.32	/	25.30
		1	137	/	24.41	/	25.30
		1	271	/	24.13	/	25.30
		135	0	/	24.13	/	24.30
		135	69	/	24.27	/	25.30
		135	138	/	24.06	/	24.30
		270	0	/	24.13	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.37	/	25.30
		1	137	/	24.36	/	25.30
		1	271	/	24.14	/	25.30
		135	0	/	24.12	/	24.30
		135	69	/	24.35	/	25.30
		135	138	/	24.29	/	24.30
		270	0	/	24.28	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.65	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.08	/	22.80

	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	22.16	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.13	24.15	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	24.14	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	24.21	24.11	24.22	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	24.21	24.21	24.18	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	24.21	24.17	24.17	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	24.16	24.17	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	24.19	24.14	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	24.17	24.22	24.11	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	24.15	24.15	24.22	25.30

N78 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.71	/	23.30
		1	137	/	21.59	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.78	/	23.30
		135	69	/	21.79	/	23.30
		135	138	/	21.72	/	23.30
		270	0	/	21.69	/	23.30
	DFT-s-OFDM QPSK	1	1	/	21.91	/	23.30
		1	137	/	21.82	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.80	/	23.30
		135	69	/	21.81	/	23.30
		135	138	/	21.87	/	23.30
		270	0	/	21.86	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30
	DFT-s-OFDM 64QAM	1	1	/	21.64	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.14	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.52	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.73	21.73	21.82	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.83	21.79	21.75	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.85	21.74	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.74	21.73	21.74	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.77	21.79	21.72	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	21.74	21.76	21.85	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.73	21.80	21.77	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.71	21.83	21.73	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.74	21.78	21.80	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.78	21.74	21.76	23.30

N78 PC2 Default				**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	/	24.43	/	25.30
		1	137	/	24.34	/	25.30
		1	271	/	24.23	/	25.30
		135	0	/	24.10	/	24.30
		135	69	/	24.20	/	25.30
		135	138	/	24.06	/	24.30
		270	0	/	24.15	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.29	/	25.30
		1	137	/	24.24	/	25.30
		1	271	/	24.24	/	25.30
		135	0	/	24.24	/	24.30
		135	69	/	24.21	/	25.30
		135	138	/	24.23	/	24.30
		270	0	/	24.24	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.61	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.29	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.24	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.31	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.20	24.20	24.19	25.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.19	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.24	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.14	24.15	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.27	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.15	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.21	24.23	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	24.07	24.12	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.04	24.15	25.30

N78 PC2 DSI1&3&5				**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	/	18.49	/	19.30
		1	137	/	18.44	/	19.30
		1	271	/	18.52	/	19.30
		135	0	/	18.62	/	19.30
		135	69	/	18.46	/	19.30
		135	138	/	18.51	/	19.30
		270	0	/	18.47	/	19.30
	DFT-s-OFDM QPSK	1	1	/	18.51	/	19.30
		1	137	/	18.47	/	19.30

		1	271	/	18.45	/	19.30
		135	0	/	18.49	/	19.30
		135	69	/	18.41	/	19.30
		135	138	/	18.45	/	19.30
		270	0	/	18.48	/	19.30
	DFT-s-OFDM 16QAM	1	1	/	18.49	/	19.30
	DFT-s-OFDM 64QAM	1	1	/	18.45	/	19.30
	DFT-s-OFDM 256QAM	1	1	/	18.53	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.44	/	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.60	18.65	18.51	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.59	18.55	18.52	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.61	18.58	18.58	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.69	18.64	18.62	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.59	18.55	18.53	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.66	18.66	18.59	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.69	18.56	18.60	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.69	18.62	18.54	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	18.53	18.60	18.51	19.30

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.63	18.64	18.64	19.30

N78 PC3 Default				**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	/	21.74	/	23.30
		1	137	/	21.65	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.85	/	23.30
		135	69	/	21.75	/	23.30
		135	138	/	21.67	/	23.30
		270	0	/	21.63	/	23.30
	DFT-s-OFDM QPSK	1	1	/	21.96	/	23.30
		1	137	/	21.89	/	23.30
		1	271	/	21.38	/	23.30
		135	0	/	21.81	/	23.30
		135	69	/	21.93	/	23.30
		135	138	/	21.95	/	23.30
		270	0	/	21.93	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30
	DFT-s-OFDM 64QAM	1	1	/	21.61	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.10	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	21.55	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.61	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.43	21.48	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.49	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.44	21.53	21.61	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	

50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.48	21.54	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.44	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.50	21.58	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.55	21.55	23.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.41	21.44	21.53	23.30

N78 PC3 DSI1&3&5				**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	/	16.49	/	17.30
		1	137	/	16.45	/	17.30
		1	271	/	16.50	/	17.30
		135	0	/	16.53	/	17.30
		135	69	/	16.46	/	17.30
		135	138	/	16.48	/	17.30
		270	0	/	16.46	/	17.30
	DFT-s-OFDM QPSK	1	1	/	16.55	/	17.30
		1	137	/	16.45	/	17.30
		1	271	/	16.48	/	17.30
		135	0	/	16.48	/	17.30
		135	69	/	16.51	/	17.30
		135	138	/	16.46	/	17.30
		270	0	/	16.44	/	17.30
	DFT-s-OFDM 16QAM	1	1	/	16.50	/	17.30
	DFT-s-OFDM 64QAM	1	1	/	16.50	/	17.30
	DFT-s-OFDM 256QAM	1	1	/	16.53	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	

100MHz	CP-OFDM QPSK	1	1	/	16.54	/	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	16.63	16.63	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	16.54	16.64	16.56	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	16.59	16.54	16.61	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.56	16.62	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	16.58	16.59	16.57	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	16.63	16.55	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.60	16.58	16.60	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	16.62	16.58	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.68	16.65	16.63	17.30
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.64	16.60	16.69	17.30

N78 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	24.43	/	25.30
		1	137	/	24.34	/	25.30
		1	271	/	24.23	/	25.30
		135	0	/	24.10	/	24.30

		135	69	/	24.20	/	25.30
		135	138	/	24.06	/	24.30
		270	0	/	24.15	/	24.30
	DFT-s-OFDM QPSK	1	1	/	24.29	/	25.30
		1	137	/	24.24	/	25.30
		1	271	/	24.24	/	25.30
		135	0	/	24.24	/	24.30
		135	69	/	24.21	/	25.30
		135	138	/	24.23	/	24.30
		270	0	/	24.24	/	24.30
	DFT-s-OFDM 16QAM	1	1	/	23.61	/	24.30
	DFT-s-OFDM 64QAM	1	1	/	22.29	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.24	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	22.31	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	24.20	24.20	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	24.12	24.19	24.23	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	24.24	24.16	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	24.14	24.15	24.25	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	24.27	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	24.15	24.18	24.19	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	24.21	24.23	24.16	25.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	24.22	24.13	24.13	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	24.07	24.12	24.14	25.30
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	24.17	24.04	24.15	25.30

N78 PC3 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	21.74	/	23.30
		1	137	/	21.65	/	23.30
		1	271	/	21.30	/	23.30
		135	0	/	21.85	/	23.30
		135	69	/	21.75	/	23.30
		135	138	/	21.67	/	23.30
		270	0	/	21.63	/	23.30
	DFT-s-OFDM QPSK	1	1	/	21.96	/	23.30
		1	137	/	21.89	/	23.30
		1	271	/	21.38	/	23.30
		135	0	/	21.81	/	23.30
		135	69	/	21.93	/	23.30
		135	138	/	21.95	/	23.30
		270	0	/	21.93	/	23.30
	DFT-s-OFDM 16QAM	1	1	/	21.94	/	23.30
	DFT-s-OFDM 64QAM	1	1	/	21.61	/	22.80
	DFT-s-OFDM 256QAM	1	1	/	20.10	/	20.80
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	21.55	/	22.80
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	21.48	21.55	21.61	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.43	21.48	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up

70MHz	DFT-s-OFDM QPSK	1	1	21.56	21.49	21.48	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.44	21.53	21.61	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.48	21.54	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.44	21.47	21.56	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.44	21.51	21.50	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.50	21.58	21.58	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.50	21.55	21.55	23.30
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.41	21.44	21.53	23.30

9.9 Conducted Power of NR Antenna (Ant8)

N77 PC2 Default				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	/	21.81	/	23.10
		1	137	/	21.73	/	23.10
		1	271	/	21.17	/	23.10
		135	0	/	20.80	/	22.10
		135	69	/	21.72	/	23.10
		135	138	/	20.66	/	22.10
		270	0	/	20.63	/	22.10
	DFT-s-OFDM QPSK	1	1	/	21.82	/	23.10
		1	137	/	21.78	/	23.10
		1	271	/	21.26	/	23.10
		135	0	/	20.82	/	22.10
		135	69	/	21.78	/	23.10
		135	138	/	20.70	/	22.10
		270	0	/	20.70	/	22.10
	DFT-s-OFDM 16QAM	1	1	/	20.71	/	22.10
	DFT-s-OFDM 64QAM	1	1	/	19.23	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.22	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.35	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.62	21.74	21.64	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.66	21.72	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	21.68	21.74	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.70	21.61	21.72	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.66	21.65	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.67	21.65	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.65	21.71	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.70	21.67	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.68	21.55	21.47	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.62	21.62	21.54	23.10

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.03	/	20.10
		1	137	/	19.03	/	20.10
		1	271	/	19.03	/	20.10
		135	0	/	19.03	/	20.10
		135	69	/	18.91	/	20.10
		135	138	/	19.05	/	20.10
		270	0	/	19.00	/	20.10
	DFT-s-OFDM QPSK	1	1	/	19.13	/	20.10
		1	137	/	19.00	/	20.10
		1	271	/	18.95	/	20.10
		135	0	/	19.07	/	20.10
		135	69	/	19.12	/	20.10
		135	138	/	18.94	/	20.10
		270	0	/	19.07	/	20.10
	DFT-s-OFDM 16QAM	1	1	/	19.05	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.10	/	20.10
	DFT-s-OFDM 256QAM	1	1	/	17.15	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.11	/	20.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.06	19.01	19.04	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.05	18.98	19.03	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.03	19.00	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.05	19.00	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.00	18.99	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.02	19.03	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.04	18.95	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.92	19.06	19.08	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.88	18.85	18.85	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.86	18.83	18.89	20.10

N77 PC3 Default				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	/	19.72	/	21.10
		1	137	/	19.82	/	21.10
		1	271	/	19.87	/	21.10
		135	0	/	19.76	/	21.10

		135	69	/	19.76	/	21.10
		135	138	/	19.65	/	21.10
		270	0	/	19.79	/	21.10
	DFT-s-OFDM QPSK	1	1	/	19.79	/	21.10
		1	137	/	19.88	/	21.10
		1	271	/	19.99	/	21.10
		135	0	/	19.89	/	21.10
		135	69	/	19.85	/	21.10
		135	138	/	19.81	/	21.10
		270	0	/	19.85	/	21.10
	DFT-s-OFDM 16QAM	1	1	/	20.03	/	21.10
	DFT-s-OFDM 64QAM	1	1	/	19.31	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.37	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.36	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.58	19.82	19.63	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.45	19.81	19.48	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	19.46	19.72	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.45	19.73	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.53	19.74	19.51	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.57	19.72	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	19.46	19.80	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	19.55	19.77	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.48	19.73	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.57	19.72	19.58	21.10

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.06	/	18.10
		1	137	/	16.95	/	18.10
		1	271	/	17.05	/	18.10
		135	0	/	16.95	/	18.10
		135	69	/	16.96	/	18.10
		135	138	/	17.02	/	18.10
		270	0	/	17.02	/	18.10
	DFT-s-OFDM QPSK	1	1	/	17.36	/	18.10
		1	137	/	17.03	/	18.10
		1	271	/	16.98	/	18.10
		135	0	/	16.98	/	18.10
		135	69	/	17.32	/	18.10
		135	138	/	16.94	/	18.10
		270	0	/	17.00	/	18.10
	DFT-s-OFDM 16QAM	1	1	/	17.07	/	18.10
	DFT-s-OFDM 64QAM	1	1	/	17.04	/	18.10
	DFT-s-OFDM 256QAM	1	1	/	17.04	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.00	/	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.96	16.96	16.99	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.96	17.06	17.11	18.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	17.01	17.00	17.07	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	16.96	17.02	17.05	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.04	17.06	16.99	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.05	17.01	17.09	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631002	Channel 633334	Channel 635666	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	16.97	16.97	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.02	17.00	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.11	17.10	17.04	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.05	17.04	17.03	18.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	20.31	/	21.60
		1	137	/	20.31	/	21.60
		1	271	/	20.37	/	21.60
		135	0	/	20.35	/	21.60
		135	69	/	20.30	/	21.60
		135	138	/	20.29	/	21.60
		270	0	/	20.30	/	21.60
	DFT-s-OFDM QPSK	1	1	/	20.39	/	21.60
		1	137	/	20.27	/	21.60
		1	271	/	20.25	/	21.60
		135	0	/	20.27	/	21.60
		135	69	/	20.36	/	21.60
		135	138	/	20.28	/	21.60
		270	0	/	20.35	/	21.60

	DFT-s-OFDM 16QAM	1	1	/	20.35	/	21.60
	DFT-s-OFDM 64QAM	1	1	/	19.23	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.22	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.35	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	20.20	20.16	20.27	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	20.17	20.21	20.17	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	20.18	20.24	20.17	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	20.27	20.25	20.25	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	20.25	20.27	20.18	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	20.19	20.17	20.18	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	20.25	20.23	20.23	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	20.17	20.26	20.26	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	20.16	20.13	20.15	21.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	20.15	20.11	20.12	21.60

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.25	/	19.60
		1	137	/	18.39	/	19.60
		1	271	/	18.43	/	19.60
		135	0	/	18.22	/	19.60
		135	69	/	18.22	/	19.60
		135	138	/	18.23	/	19.60
		270	0	/	18.25	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.49	/	19.60
		1	137	/	18.38	/	19.60
		1	271	/	18.48	/	19.60
		135	0	/	18.40	/	19.60
		135	69	/	18.40	/	19.60
		135	138	/	18.35	/	19.60
		270	0	/	18.38	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	18.63	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.31	/	19.60
	DFT-s-OFDM 256QAM	1	1	/	17.37	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.33	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.10	18.38	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.09	18.30	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	DFT-s-OFDM QPSK	1	1	18.03	18.32	18.17	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.11	18.36	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.10	18.31	18.09	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.14	18.36	18.14	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631002	633334	635666	
30MHz	DFT-s-OFDM QPSK	1	1	18.06	18.41	18.11	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.15	18.31	18.10	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.13	18.12	18.26	19.30
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.24	18.23	18.20	19.30

N77 PC2 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	21.41	21.76	21.48	23.10
		1	137	21.41	21.66	21.41	23.10
		1	271	21.11	21.13	21.15	23.10
		135	0	20.41	20.69	20.59	22.10
		135	69	21.32	21.71	21.42	23.10
		135	138	20.25	20.58	20.40	22.10
		270	0	20.19	20.52	20.35	22.10
	DFT-s-OFDM QPSK	1	1	21.44	21.74	21.61	23.10
		1	137	21.33	21.64	21.49	23.10
		1	271	21.13	21.24	21.11	23.10
		135	0	20.45	20.76	20.56	22.10
		135	69	21.37	21.65	21.48	23.10
		135	138	20.31	20.68	20.43	22.10
		270	0	20.36	20.66	20.39	22.10
	DFT-s-OFDM 16QAM	1	1	20.27	20.71	20.49	22.10
	DFT-s-OFDM 64QAM	1	1	18.93	19.18	18.99	20.60
	DFT-s-OFDM 256QAM	1	1	16.78	17.15	17.00	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	18.76	18.96	18.75	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	

90MHz	DFT-s-OFDM QPSK	1	1	21.75	21.64	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	21.67	21.73	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	21.66	21.63	21.71	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	21.69	21.67	21.70	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	21.61	21.74	21.66	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	21.47	21.68	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	21.57	21.73	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	21.52	21.63	21.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	21.51	21.72	21.55	23.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	21.58	21.67	21.58	23.10

N77 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.99	19.18	19.15	20.10
		1	137	19.08	19.21	19.05	20.10
		1	271	19.16	19.14	19.02	20.10
		135	0	19.08	19.11	19.02	20.10
		135	69	19.14	19.10	19.07	20.10
		135	138	18.99	19.19	19.20	20.10

		270	0	19.08	19.07	19.04	20.10
	DFT-s-OFDM QPSK	1	1	19.06	19.39	19.19	20.10
		1	137	19.02	19.17	19.08	20.10
		1	271	19.08	19.10	19.08	20.10
		135	0	19.21	19.20	19.10	20.10
		135	69	19.13	19.30	19.19	20.10
		135	138	19.01	19.09	19.19	20.10
		270	0	19.13	19.15	19.00	20.10
	DFT-s-OFDM 16QAM	1	1	19.06	19.04	19.05	20.10
	DFT-s-OFDM 64QAM	1	1	19.06	19.15	19.00	20.10
	DFT-s-OFDM 256QAM	1	1	16.86	16.94	16.86	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				650000	656000	662000	
100MHz	CP-OFDM QPSK	1	1	19.26	19.15	19.23	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.26	19.02	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.13	19.23	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.03	19.13	19.10	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.01	19.20	19.15	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.23	19.06	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.13	19.11	19.26	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.14	19.17	19.20	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.23	19.12	19.02	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	

15MHz	DFT-s-OFDM QPSK	1	1	19.25	19.26	19.09	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.08	19.18	19.24	20.10

N77 PC3 Default				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
				3750.00	3840.00	3930.00	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.46	19.45	19.47	21.10
		1	137	19.55	19.48	19.58	21.10
		1	271	19.61	19.62	19.61	21.10
		135	0	19.48	19.55	19.52	21.10
		135	69	19.44	19.50	19.53	21.10
		135	138	19.44	19.42	19.39	21.10
		270	0	19.56	19.49	19.51	21.10
	DFT-s-OFDM QPSK	1	1	19.46	19.57	19.53	21.10
		1	137	19.61	19.59	19.61	21.10
		1	271	19.66	19.71	19.67	21.10
		135	0	19.63	19.59	19.55	21.10
		135	69	19.55	19.63	19.56	21.10
		135	138	19.47	19.52	19.59	21.10
		270	0	19.51	19.56	19.57	21.10
	DFT-s-OFDM 16QAM	1	1	19.75	19.82	19.82	21.10
	DFT-s-OFDM 64QAM	1	1	19.01	19.01	19.07	20.60
	DFT-s-OFDM 256QAM	1	1	17.09	17.07	17.16	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.99	19.05	19.09	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.71	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.64	19.80	19.64	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	19.51	19.81	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up

60MHz	DFT-s-OFDM QPSK	1	1	19.51	19.80	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	19.56	19.82	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	19.49	19.78	19.49	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	19.58	19.81	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	19.45	19.82	19.49	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	19.56	19.77	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	19.51	19.68	19.59	21.10

N77 PC3 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.97	17.13	17.08	18.10
		1	137	16.98	17.14	16.96	18.10
		1	271	17.09	17.07	16.97	18.10
		135	0	17.06	17.05	17.07	18.10
		135	69	17.14	17.01	17.06	18.10
		135	138	16.98	17.10	17.10	18.10
		270	0	17.10	17.10	17.07	18.10
	DFT-s-OFDM QPSK	1	1	17.10	17.26	17.09	18.10
		1	137	17.00	17.10	17.08	18.10
		1	271	17.00	17.01	17.00	18.10
		135	0	17.12	17.11	17.04	18.10
		135	69	17.06	17.24	17.20	18.10
		135	138	16.99	17.10	17.15	18.10
		270	0	17.07	17.22	17.04	18.10
	DFT-s-OFDM 16QAM	1	1	17.03	17.04	17.05	18.10
	DFT-s-OFDM 64QAM	1	1	17.00	17.14	17.02	18.10

	DFT-s-OFDM 256QAM	1	1	16.38	16.42	16.33	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	17.04	16.94	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.08	17.09	17.13	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.08	17.20	17.02	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.20	17.09	17.13	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.23	17.11	17.16	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.01	17.13	17.20	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	17.11	17.16	17.17	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.06	17.07	17.11	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.19	17.12	17.19	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.20	17.23	17.01	18.10
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.06	17.09	17.03	18.10

N77 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up

100MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.34	20.29	20.27	21.60
		1	137	20.32	20.36	20.28	21.60
		1	271	20.27	20.30	20.28	21.60
		135	0	20.32	20.37	20.29	21.60
		135	69	20.31	20.29	20.30	21.60
		135	138	20.28	20.34	20.33	21.60
		270	0	20.30	20.32	20.28	21.60
	DFT-s-OFDM QPSK	1	1	20.31	20.44	20.33	21.60
		1	137	20.30	20.30	20.31	21.60
		1	271	20.29	20.33	20.36	21.60
		135	0	20.28	20.34	20.32	21.60
		135	69	20.29	20.39	20.37	21.60
		135	138	20.26	20.36	20.33	21.60
		270	0	20.37	20.38	20.30	21.60
	DFT-s-OFDM 16QAM	1	1	20.32	20.27	20.35	21.60
	DFT-s-OFDM 64QAM	1	1	18.93	19.18	18.99	20.60
	DFT-s-OFDM 256QAM	1	1	16.78	17.15	17.00	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.76	18.96	18.75	20.60
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	20.26	20.14	20.21	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	20.19	20.17	20.36	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	20.26	20.30	20.23	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	20.32	20.29	20.32	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	20.15	20.29	20.22	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	20.11	20.33	20.34	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 631000	Channel 633334	Channel 635668	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	20.15	20.12	20.14	21.60

Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	20.27	20.30	20.13	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	20.32	20.13	20.26	21.60
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	20.35	20.23	20.32	21.60

N77 PC3 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3980)							
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.94	18.03	17.93	19.60
		1	137	18.11	18.05	18.13	19.60
		1	271	18.15	18.19	18.09	19.60
		135	0	17.95	18.06	17.97	19.60
		135	69	18.03	18.02	17.99	19.60
		135	138	18.03	17.88	17.96	19.60
		270	0	18.03	17.98	18.06	19.60
	DFT-s-OFDM QPSK	1	1	18.23	18.42	18.24	19.60
		1	137	18.10	18.09	18.13	19.60
		1	271	18.18	18.26	18.26	19.60
		135	0	18.21	18.06	18.13	19.60
		135	69	18.25	18.39	18.27	19.60
		135	138	18.04	18.00	18.10	19.60
		270	0	18.09	18.06	18.09	19.60
	DFT-s-OFDM 16QAM	1	1	18.35	18.36	18.33	19.60
	DFT-s-OFDM 64QAM	1	1	18.01	18.11	18.20	19.60
	DFT-s-OFDM 256QAM	1	1	17.09	17.07	17.16	18.60
Bandwidth	Modulation	RB size	RB offset	Channel 650000	Channel 656000	Channel 662000	Tune up
100MHz	CP-OFDM QPSK	1	1	18.11	18.33	18.15	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.34	18.34	18.36	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.38	18.37	18.37	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up

70MHz	DFT-s-OFDM QPSK	1	1	18.31	18.34	18.31	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.39	18.33	18.32	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.32	18.35	18.38	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.32	18.38	18.32	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.37	18.33	18.31	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.36	18.34	18.39	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.38	18.35	18.38	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.37	18.34	18.35	19.60

N78 PC2 Default				**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	/	21.67	/	23.10
		1	137	/	21.52	/	23.10
		1	271	/	21.14	/	23.10
		135	0	/	20.63	/	22.10
		135	69	/	21.60	/	23.10
		135	138	/	20.51	/	22.10
		270	0	/	20.38	/	22.10
	DFT-s-OFDM QPSK	1	1	/	21.69	/	23.10
		1	137	/	21.62	/	23.10
		1	271	/	21.13	/	23.10
		135	0	/	20.67	/	22.10
		135	69	/	21.67	/	23.10
		135	138	/	20.59	/	22.10
		270	0	/	20.55	/	22.10

	DFT-s-OFDM 16QAM	1	1	/	20.46	/	22.10
	DFT-s-OFDM 64QAM	1	1	/	19.10	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.04	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.11	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	21.69	21.72	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	21.63	21.68	21.66	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	21.65	21.70	21.69	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	21.72	21.72	21.68	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	21.54	21.69	21.65	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	21.55	21.68	21.62	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	21.61	21.60	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	21.51	21.72	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	21.59	21.66	21.60	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	21.60	21.64	21.64	23.10

N78 PC2 DSI1&5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.36	/	19.60
		1	137	/	18.47	/	19.60
		1	271	/	18.46	/	19.60
		135	0	/	18.43	/	19.60
		135	69	/	18.54	/	19.60
		135	138	/	18.44	/	19.60
		270	0	/	18.35	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.73	/	19.60
		1	137	/	18.48	/	19.60
		1	271	/	18.35	/	19.60
		135	0	/	18.41	/	19.60
		135	69	/	18.66	/	19.60
		135	138	/	18.43	/	19.60
		270	0	/	18.44	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	18.50	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.50	/	19.60
	DFT-s-OFDM 256QAM	1	1	/	17.62	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	18.46	/	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	18.57	18.53	18.53	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	18.62	18.58	18.58	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634332	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	18.56	18.54	18.62	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	18.63	18.60	18.54	19.60
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	18.60	18.59	18.53	19.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.52	18.60	18.61	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	18.55	18.59	18.60	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.55	18.57	18.56	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	18.60	18.58	18.63	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.56	18.59	18.58	19.60

N78 PC3 Default				**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	/	19.67	/	21.10
		1	137	/	19.71	/	21.10
		1	271	/	19.79	/	21.10
		135	0	/	19.68	/	21.10
		135	69	/	19.64	/	21.10
		135	138	/	19.64	/	21.10
		270	0	/	19.70	/	21.10
	DFT-s-OFDM QPSK	1	1	/	19.72	/	21.10
		1	137	/	19.74	/	21.10
		1	271	/	19.96	/	21.10
		135	0	/	19.85	/	21.10
		135	69	/	19.78	/	21.10
		135	138	/	19.67	/	21.10
		270	0	/	19.78	/	21.10
	DFT-s-OFDM 16QAM	1	1	/	20.02	/	21.10
	DFT-s-OFDM 64QAM	1	1	/	19.19	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.25	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.67	19.76	19.72	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.50	19.77	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.45	19.71	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.51	19.71	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.46	19.73	19.56	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.53	19.81	19.54	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.51	19.72	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.57	19.81	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.52	19.71	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.49	19.70	19.55	21.10

N78 PC3 DSI1&5				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.61	/	17.60
		1	137	/	16.41	/	17.60
		1	271	/	16.56	/	17.60
		135	0	/	16.46	/	17.60

		135	69	/	16.46	/	17.60
		135	138	/	16.49	/	17.60
		270	0	/	16.53	/	17.60
	DFT-s-OFDM QPSK	1	1	/	16.66	/	17.60
		1	137	/	16.59	/	17.60
		1	271	/	16.58	/	17.60
		135	0	/	16.49	/	17.60
		135	69	/	16.61	/	17.60
		135	138	/	16.47	/	17.60
		270	0	/	16.57	/	17.60
	DFT-s-OFDM 16QAM	1	1	/	16.66	/	17.60
	DFT-s-OFDM 64QAM	1	1	/	16.57	/	17.60
	DFT-s-OFDM 256QAM	1	1	/	16.49	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.50	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.45	16.45	16.44	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.52	16.46	16.49	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	16.42	16.48	16.47	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.43	16.49	16.44	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.47	16.47	16.46	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.52	16.49	16.49	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	16.44	16.49	16.46	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	

20MHz	DFT-s-OFDM QPSK	1	1	16.47	16.48	16.43	17.60
Bandwidth	Modulation	RB size	RB offset	Channel 630500	Channel 633334	Channel 636168	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	16.44	16.48	16.43	17.60
Bandwidth	Modulation	RB size	RB offset	Channel 630334	Channel 633334	Channel 636334	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	16.42	16.47	16.52	17.60

N78 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.67	/	21.10
		1	137	/	19.71	/	21.10
		1	271	/	19.79	/	21.10
		135	0	/	19.68	/	20.10
		135	69	/	19.64	/	21.10
		135	138	/	19.64	/	20.10
		270	0	/	19.70	/	20.10
	DFT-s-OFDM QPSK	1	1	/	19.99	/	21.10
		1	137	/	19.74	/	21.10
		1	271	/	19.76	/	21.10
		135	0	/	19.85	/	20.10
		135	69	/	19.98	/	21.10
		135	138	/	19.67	/	20.10
		270	0	/	19.78	/	20.10
	DFT-s-OFDM 16QAM	1	1	/	20.02	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.31	/	20.10
	DFT-s-OFDM 256QAM	1	1	/	17.55	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 633334	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	19.25	/	20.10
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.91	19.89	19.83	21.10
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.87	19.84	19.91	21.10

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	19.87	19.84	19.86	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.82	19.88	19.85	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.84	19.89	19.86	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.88	19.92	19.82	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	19.85	19.84	19.87	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.87	19.89	19.82	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	19.87	19.88	19.89	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.84	19.90	19.87	21.10

N78 PC2 DSI4				**Conducted Power(dBm)**			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.79	/	19.10
		1	137	/	17.94	/	19.10
		1	271	/	17.94	/	19.10
		135	0	/	17.81	/	19.10
		135	69	/	17.68	/	19.10
		135	138	/	17.79	/	19.10
		270	0	/	17.73	/	19.10
	DFT-s-OFDM QPSK	1	1	/	17.98	/	19.10
		1	137	/	17.94	/	19.10
		1	271	/	17.93	/	19.10
		135	0	/	17.91	/	19.10
		135	69	/	17.87	/	19.10
		135	138	/	17.82	/	19.10

		270	0	/	17.94	/	19.10
	DFT-s-OFDM 16QAM	1	1	/	18.09	/	19.10
	DFT-s-OFDM 64QAM	1	1	/	17.85	/	19.10
	DFT-s-OFDM 256QAM	1	1	/	17.11	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	17.89	/	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.74	17.71	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.79	17.73	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634332	
70MHz	DFT-s-OFDM QPSK	1	1	17.75	17.83	17.74	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.76	17.71	17.78	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.73	17.75	17.72	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.73	17.80	17.77	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631000	633334	635668	
30MHz	DFT-s-OFDM QPSK	1	1	17.73	17.79	17.82	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.83	17.79	17.76	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630500	633334	636168	
15MHz	DFT-s-OFDM QPSK	1	1	17.74	17.83	17.80	19.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.77	17.74	17.81	19.10

N78 PC2 Default				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	/	21.58	/	23.10
		1	137	/	21.53	/	23.10
		1	271	/	21.16	/	23.10
		135	0	/	20.66	/	22.10
		135	69	/	21.57	/	23.10
		135	138	/	20.52	/	22.10
		270	0	/	20.46	/	22.10
	DFT-s-OFDM QPSK	1	1	/	21.68	/	23.10
		1	137	/	21.64	/	23.10
		1	271	/	21.12	/	23.10
		135	0	/	20.70	/	22.10
		135	69	/	21.64	/	23.10
		135	138	/	20.60	/	22.10
		270	0	/	20.59	/	22.10
	DFT-s-OFDM 16QAM	1	1	/	20.53	/	22.10
	DFT-s-OFDM 64QAM	1	1	/	19.05	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.08	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.21	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	21.61	21.72	21.70	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	21.56	21.73	21.54	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	21.57	21.62	21.59	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	21.59	21.61	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	21.48	21.66	21.55	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	21.51	21.61	21.53	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	21.48	21.70	21.63	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	21.47	21.69	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	21.57	21.70	21.57	23.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	21.48	21.60	21.60	23.10

N78 PC2 DSI1&5				**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	/	18.31	/	19.60
		1	137	/	18.41	/	19.60
		1	271	/	18.35	/	19.60
		135	0	/	18.46	/	19.60
		135	69	/	18.37	/	19.60
		135	138	/	18.46	/	19.60
		270	0	/	18.35	/	19.60
	DFT-s-OFDM QPSK	1	1	/	18.59	/	19.60
		1	137	/	18.37	/	19.60
		1	271	/	18.46	/	19.60
		135	0	/	18.39	/	19.60
		135	69	/	18.50	/	19.60
		135	138	/	18.43	/	19.60
		270	0	/	18.47	/	19.60
	DFT-s-OFDM 16QAM	1	1	/	18.39	/	19.60
	DFT-s-OFDM 64QAM	1	1	/	18.45	/	19.60
	DFT-s-OFDM 256QAM	1	1	/	17.63	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	18.44	/	19.60

Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.35	18.52	18.37	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.41	18.51	18.42	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	18.46	18.52	18.48	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.35	18.41	18.37	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.38	18.46	18.45	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.32	18.53	18.33	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.33	18.54	18.41	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.41	18.45	18.42	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	18.40	18.40	18.41	19.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	18.36	18.31	18.31	19.60

N78 PC3 Default				**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	/	19.59	/	21.10
		1	137	/	19.79	/	21.10
		1	271	/	19.80	/	21.10
		135	0	/	19.64	/	21.10
		135	69	/	19.68	/	21.10

		135	138	/	19.60	/	21.10
		270	0	/	19.77	/	21.10
	DFT-s-OFDM QPSK	1	1	/	19.74	/	21.10
		1	137	/	19.84	/	21.10
		1	271	/	19.91	/	21.10
		135	0	/	19.84	/	21.10
		135	69	/	19.79	/	21.10
		135	138	/	19.68	/	21.10
		270	0	/	19.82	/	21.10
	DFT-s-OFDM 16QAM	1	1	/	20.02	/	21.10
	DFT-s-OFDM 64QAM	1	1	/	19.18	/	20.60
	DFT-s-OFDM 256QAM	1	1	/	17.33	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.24	/	20.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.79	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.58	19.68	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	19.55	19.81	19.57	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.52	19.67	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.50	19.71	19.62	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.54	19.80	19.61	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.46	19.76	19.53	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	

20MHz	DFT-s-OFDM QPSK	1	1	19.50	19.69	19.51	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	19.53	19.70	19.55	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.44	19.77	19.57	21.10

N78 PC3 DSI1&5				**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	/	16.61	/	17.60
		1	137	/	16.45	/	17.60
		1	271	/	16.50	/	17.60
		135	0	/	16.46	/	17.60
		135	69	/	16.47	/	17.60
		135	138	/	16.53	/	17.60
		270	0	/	16.61	/	17.60
	DFT-s-OFDM QPSK	1	1	/	16.81	/	17.60
		1	137	/	16.60	/	17.60
		1	271	/	16.55	/	17.60
		135	0	/	16.55	/	17.60
		135	69	/	16.73	/	17.60
		135	138	/	16.48	/	17.60
		270	0	/	16.48	/	17.60
	DFT-s-OFDM 16QAM	1	1	/	16.52	/	17.60
	DFT-s-OFDM 64QAM	1	1	/	16.56	/	17.60
	DFT-s-OFDM 256QAM	1	1	/	16.53	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	16.55	/	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	16.54	16.48	16.53	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	16.56	16.54	16.58	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up

				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	16.63	16.52	16.60	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	16.55	16.44	16.56	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	16.60	16.44	16.53	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	16.56	16.43	16.52	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	16.56	16.56	16.52	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	16.57	16.53	16.53	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	16.53	16.58	16.63	17.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	16.63	16.56	16.58	17.60

N78 PC2 DSI4				**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	/	19.59	/	21.10
		1	137	/	19.79	/	21.10
		1	271	/	19.80	/	21.10
		135	0	/	19.64	/	20.10
		135	69	/	19.68	/	21.10
		135	138	/	19.60	/	20.10
		270	0	/	19.77	/	20.10
	DFT-s-OFDM QPSK	1	1	/	20.03	/	21.10
		1	137	/	19.64	/	21.10
		1	271	/	19.71	/	21.10
		135	0	/	19.84	/	20.10
		135	69	/	19.99	/	21.10
		135	138	/	19.68	/	20.10
		270	0	/	19.82	/	20.10

	DFT-s-OFDM 16QAM	1	1	/	20.02	/	20.10
	DFT-s-OFDM 64QAM	1	1	/	19.34	/	20.10
	DFT-s-OFDM 256QAM	1	1	/	17.36	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	19.24	/	20.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	19.63	19.79	19.59	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	19.58	19.83	19.69	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651002	
70MHz	DFT-s-OFDM QPSK	1	1	19.71	19.71	19.73	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	19.68	19.70	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	19.70	19.83	19.67	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	19.60	19.74	19.60	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	19.66	19.71	19.69	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	19.67	19.75	19.73	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647166	650000	652836	
15MHz	DFT-s-OFDM QPSK	1	1	19.64	19.59	19.66	21.10
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647000	650000	653002	
10MHz	DFT-s-OFDM QPSK	1	1	19.56	19.56	19.62	21.10

N78 PC2 DSI4				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.74	/	19.10
		1	137	/	17.98	/	19.10
		1	271	/	18.01	/	19.10
		135	0	/	17.75	/	19.10
		135	69	/	17.75	/	19.10
		135	138	/	17.71	/	19.10
		270	0	/	17.73	/	19.10
	DFT-s-OFDM QPSK	1	1	/	18.05	/	19.10
		1	137	/	17.85	/	19.10
		1	271	/	18.01	/	19.10
		135	0	/	17.91	/	19.10
		135	69	/	17.89	/	19.10
		135	138	/	17.87	/	19.10
		270	0	/	17.92	/	19.10
	DFT-s-OFDM 16QAM	1	1	/	18.17	/	19.10
	DFT-s-OFDM 64QAM	1	1	/	17.78	/	19.10
	DFT-s-OFDM 256QAM	1	1	/	16.93	/	18.60
Bandwidth	Modulation	RB size	RB offset	Channel /	Channel 650000	Channel /	Tune up
100MHz	CP-OFDM QPSK	1	1	/	17.86	/	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 649668	Channel 650000	Channel 650334	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	17.64	17.88	17.66	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 650000	Channel 650668	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	17.58	17.77	17.59	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 649000	Channel 650000	Channel 651002	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	17.62	17.77	17.66	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 650000	Channel 651334	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	17.67	17.79	17.64	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 648334	Channel 650000	Channel 651668	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	17.56	17.91	17.66	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 650000	Channel 652000	Tune up

40MHz	DFT-s-OFDM QPSK	1	1	17.61	17.82	17.71	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647668	Channel 650000	Channel 652334	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	17.56	17.86	17.68	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650000	Channel 652668	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	17.65	17.88	17.66	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647166	Channel 650000	Channel 652836	Tune up
15MHz	DFT-s-OFDM QPSK	1	1	17.56	17.61	17.71	19.10
Bandwidth	Modulation	RB size	RB offset	Channel 647000	Channel 650000	Channel 653002	Tune up
10MHz	DFT-s-OFDM QPSK	1	1	17.55	17.73	17.65	19.10

10 Conducted Power of WiFi and Bluetooth

10.1 Conducted Power of WIFI

WIFI 2.4G Receiver on Standalone							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	16.42	16.45	19.45	20.00
	6	2437		16.49	16.47	**19.49**	20.00
	11	2462		16.36	16.37	19.38	20.00
802.11g	1	2412	6	15.56	15.52	18.55	19.50
	6	2437		15.77	15.72	18.76	19.50
	11	2462		15.60	15.50	18.56	19.50
802.11n HT20	1	2412	6.5	14.47	14.46	17.48	18.00
	6	2437		14.48	14.32	17.41	18.00
	11	2462		14.40	14.17	17.30	18.00
802.11n HT40	3	2422	13.5	13.75	13.66	16.72	17.50
	6	2437		13.96	13.62	16.80	17.50
	9	2452		13.77	13.71	16.75	17.50

WIFI 2.4G Receiver on Simultaneous							
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11b	1	2412	1	9.50	9.46	12.49	13.50
	6	2437		9.45	9.54	**12.51**	13.50
	11	2462		9.42	9.46	12.45	13.50
802.11g	1	2412	6	9.06	9.11	12.10	13.00
	6	2437		9.23	9.28	12.27	13.00
	11	2462		9.15	9.10	12.14	13.00
802.11n HT20	1	2412	6.5	8.94	8.92	11.94	12.50
	6	2437		8.96	8.91	11.95	12.50
	11	2462		8.94	8.64	11.80	12.50
802.11n HT40	3	2422	13.5	8.85	8.61	11.74	12.50
	6	2437		8.98	8.68	11.84	12.50
	9	2452		8.78	8.70	11.75	12.50

WIFI 5G Receiver off								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	16.40	17.47	19.98	21.00
		40	5200		16.66	17.55	**20.14**	21.00
		44	5220		16.16	17.40	19.83	21.00
		48	5240		16.19	17.44	19.87	21.00
	U-NII-2A	52	5260		16.45	17.39	**19.96**	21.00
		56	5280		16.35	17.47	19.96	21.00
		60	5300		15.82	17.01	19.47	21.00
		64	5320		15.61	17.37	19.59	21.00
	U-NII-2C	100	5500		14.73	15.78	18.30	19.00
		104	5520		15.01	15.75	18.41	19.00
		108	5540		15.29	15.86	18.59	19.50
		112	5560		16.44	16.08	19.27	20.00
		116	5580		16.45	16.02	19.25	20.00
		120	5600		16.68	16.18	19.45	20.00
		124	5620		16.93	16.33	19.65	20.50
		128	5640		16.96	16.44	19.72	20.50
		132	5660		17.04	15.69	19.43	20.50
		136	5680		17.08	15.98	19.58	20.50
		140	5700		17.35	16.28	**19.86**	20.50
		144	5720		17.31	16.28	19.84	20.50
	U-NII-3	149	5745		17.89	17.25	**20.59**	21.50
		153	5765		17.84	17.02	20.46	21.50
		157	5785		17.56	16.75	20.18	21.50
		161	5805		18.06	17.02	20.58	21.50
		165	5825		17.95	17.08	20.55	21.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	15.31	16.29	18.84	19.50
		40	5200		15.28	16.35	18.86	19.50
		44	5220		14.92	16.23	18.63	19.50
		48	5240		14.95	16.40	18.75	19.50
	U-NII-2A	52	5260		15.17	16.28	18.77	19.50
		56	5280		15.02	16.44	18.80	19.50
		60	5300		14.55	16.13	18.42	19.50
		64	5320		14.34	16.20	18.38	19.50
	U-NII-2C	100	5500		13.55	14.60	17.12	19.50
		104	5520		13.85	14.64	17.27	19.50
		108	5540		14.16	14.79	17.50	19.50
		112	5560		15.37	14.95	18.18	19.50

		116	5580		15.33	14.92	18.14	19.50
		120	5600		15.54	14.93	18.26	19.50
		124	5620		15.79	15.30	18.56	19.50
		128	5640		15.56	15.34	18.46	19.50
		132	5660		15.86	14.61	18.29	19.50
		136	5680		15.92	14.86	18.43	19.50
		140	5700		16.00	14.95	18.52	19.50
		144	5720		16.37	15.18	18.83	19.50
	U-NII-3	149	5745		16.73	16.40	19.58	20.50
		153	5765		16.78	16.13	19.48	20.50
		157	5785		16.51	15.77	19.17	20.50
		161	5805		17.07	16.19	19.66	20.50
		165	5825		16.64	15.88	19.29	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.95	13.37	15.73	17.50
		46	5230		11.84	13.39	15.69	17.50
	U-NII-2A	54	5270		12.86	14.43	16.73	17.50
		62	5310		12.27	14.22	16.36	17.50
	U-NII-2C	102	5510		13.28	14.59	16.99	19.00
		110	5550		14.75	14.96	17.87	19.00
		118	5590		15.23	15.10	18.18	19.00
		126	5630		15.47	15.09	18.29	19.00
		134	5670		15.48	14.60	18.07	19.00
		142	5710		15.82	15.10	18.49	19.00
	U-NII-3	151	5755		16.35	15.89	19.14	20.00
		159	5795		16.08	15.65	18.88	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	15.32	16.29	18.84	19.50
		40	5200		15.36	16.35	18.89	19.50
		44	5220		14.87	16.26	18.63	19.50
		48	5240		14.98	16.32	18.71	19.50
	U-NII-2A	52	5260		15.16	16.31	18.78	19.50
		56	5280		15.08	16.41	18.81	19.50
		60	5300		14.55	16.03	18.36	19.50
		64	5320		14.41	16.23	18.42	19.50
	U-NII-2C	100	5500		13.62	14.68	17.19	19.50
		104	5520		13.92	14.65	17.31	19.50
		108	5540		14.32	14.65	17.50	19.50
		112	5560		15.47	14.90	18.20	19.50
		116	5580		15.37	14.94	18.17	19.50
		120	5600		15.43	14.92	18.19	19.50

		124	5620		15.79	15.27	18.55	19.50
		128	5640		15.69	15.37	18.54	19.50
		132	5660		15.82	14.54	18.24	19.50
		136	5680		15.95	14.90	18.47	19.50
		140	5700		16.04	14.97	18.55	19.50
		144	5720		16.38	15.13	18.81	19.50
	U-NII-3	149	5745		16.72	16.31	19.53	20.50
		153	5765		16.76	16.07	19.44	20.50
		157	5785		16.59	15.81	19.23	20.50
		161	5805		17.11	16.21	19.69	20.50
		165	5825		16.71	15.92	19.34	20.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.01	13.46	15.81	16.50
		46	5230		11.80	13.36	15.66	16.50
	U-NII-2A	54	5270		12.88	14.43	16.73	17.50
		62	5310		12.34	14.27	16.42	17.50
	U-NII-2C	102	5510		13.27	14.66	17.03	19.50
		110	5550		14.81	14.91	17.87	19.50
		118	5590		15.32	15.08	18.21	19.50
		126	5630		15.48	15.17	18.34	19.50
		134	5670		15.55	14.65	18.13	19.50
		142	5710		15.85	15.17	18.53	19.50
	U-NII-3	151	5755		16.36	15.88	19.14	20.00
		159	5795		16.14	15.72	18.95	20.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.41	13.61	16.06	17.00
	U-NII-2A	58	5290		11.80	13.16	15.54	16.50
	U-NII-2C	106	5530		12.09	12.72	15.43	16.50
		122	5610		13.61	13.10	16.37	17.00
		138	5690		14.03	12.87	16.50	17.00
	U-NII-3	155	5775		15.62	14.82	18.25	19.00

WIFI 5G Receiver on Standalone								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	13.37	14.52	16.99	18.00
		40	5200		13.67	14.60	**17.17**	18.00
		44	5220		13.18	14.44	16.87	18.00
		48	5240		13.18	14.44	16.87	18.00
	U-NII-2A	52	5260		13.57	14.51	**17.08**	18.00
		56	5280		13.35	14.54	17.00	18.00
		60	5300		12.90	13.97	16.48	18.00
		64	5320		12.46	14.38	16.54	17.50
	U-NII-2C	100	5500		12.78	13.84	16.35	17.00
		104	5520		13.08	13.73	16.43	17.00
		108	5540		13.24	13.94	16.61	17.50
		112	5560		14.51	14.04	17.29	18.00
		116	5580		14.47	14.05	17.28	18.00
		120	5600		14.65	14.14	17.41	18.00
		124	5620		14.91	14.33	17.64	18.50
		128	5640		14.95	14.51	17.75	18.50
		132	5660		15.06	13.76	17.47	18.50
		136	5680		15.14	14.03	17.63	18.50
		140	5700		15.38	14.31	**17.89**	18.50
		144	5720		15.36	14.24	17.85	18.50
	U-NII-3	149	5745		13.63	12.68	**16.19**	17.00
		153	5765		13.44	12.61	16.06	17.00
		157	5785		13.11	12.35	15.76	16.50
		161	5805		13.61	12.68	16.18	17.00
		165	5825		13.52	12.62	16.10	17.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	12.96	14.16	16.61	17.50
		40	5200		13.27	14.01	16.67	17.50
		44	5220		12.82	14.00	16.46	17.50
		48	5240		12.80	14.02	16.46	17.50
	U-NII-2A	52	5260		13.12	13.97	16.58	17.50
		56	5280		12.99	14.05	16.56	17.50
		60	5300		12.32	13.65	16.05	17.50
		64	5320		12.19	14.00	16.20	17.50
	U-NII-2C	100	5500		12.23	13.33	15.83	18.50
		104	5520		12.64	13.32	16.00	18.50
		108	5540		13.06	13.49	16.29	18.50
		112	5560		13.99	13.65	16.83	18.50

		116	5580		14.04	13.52	16.80	18.50
		120	5600		14.16	13.88	17.03	18.50
		124	5620		14.41	13.84	17.14	18.50
		128	5640		14.47	13.92	17.21	18.50
		132	5660		14.51	13.28	16.95	18.50
		136	5680		14.77	13.58	17.23	18.50
		140	5700		15.00	14.08	17.57	18.50
		144	5720		14.84	13.82	17.37	18.50
	U-NII-3	149	5745		13.07	12.28	15.70	16.50
		153	5765		12.85	11.99	15.45	16.50
		157	5785		12.59	11.96	15.30	16.50
		161	5805		13.21	12.26	15.77	16.50
		165	5825		12.96	12.10	15.56	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	11.95	13.37	15.73	17.50
		46	5230		11.84	13.39	15.69	17.50
	U-NII-2A	54	5270		12.86	14.43	16.73	17.50
		62	5310		12.27	14.22	16.36	17.50
	U-NII-2C	102	5510		12.20	13.61	15.97	18.00
		110	5550		13.76	13.89	16.84	18.00
		118	5590		14.38	14.06	17.23	18.00
		126	5630		14.53	14.13	17.34	18.00
		134	5670		14.55	13.61	17.12	18.00
		142	5710		14.77	14.13	17.47	18.00
	U-NII-3	151	5755		12.86	12.53	15.71	16.50
		159	5795		12.59	12.22	15.42	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	12.93	14.07	16.55	17.50
		40	5200		13.19	13.99	16.62	17.50
		44	5220		12.74	14.00	16.43	17.50
		48	5240		12.78	14.17	16.54	17.50
	U-NII-2A	52	5260		13.12	14.08	16.64	17.50
		56	5280		12.98	14.09	16.58	17.50
		60	5300		12.38	13.62	16.05	17.50
		64	5320		12.16	14.12	16.26	17.50
	U-NII-2C	100	5500		12.20	13.33	15.81	18.50
		104	5520		12.73	13.35	16.06	18.50
		108	5540		13.00	13.46	16.25	18.50
		112	5560		13.97	13.76	16.88	18.50
		116	5580		14.11	13.63	16.89	18.50
		120	5600		14.17	13.84	17.02	18.50

		124	5620		14.40	13.99	17.21	18.50
		128	5640		14.53	14.09	17.33	18.50
		132	5660		14.65	13.24	17.01	18.50
		136	5680		14.79	13.69	17.29	18.50
		140	5700		15.04	14.12	17.61	18.50
		144	5720		14.86	13.82	17.38	18.50
	U-NII-3	149	5745		13.13	12.36	15.77	16.50
		153	5765		12.86	12.06	15.49	16.50
		157	5785		12.61	11.92	15.29	16.50
		161	5805		13.17	12.11	15.68	16.50
		165	5825		12.95	12.15	15.58	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	12.01	13.46	15.81	16.50
		46	5230		11.80	13.36	15.66	16.50
	U-NII-2A	54	5270		12.88	14.43	16.73	17.50
		62	5310		12.34	14.27	16.42	17.50
	U-NII-2C	102	5510		12.31	13.67	16.05	18.00
		110	5550		13.82	13.90	16.87	18.00
		118	5590		14.30	14.04	17.18	18.00
		126	5630		14.68	14.11	17.41	18.00
		134	5670		14.64	13.71	17.21	18.00
		142	5710		14.84	14.18	17.53	18.00
	U-NII-3	151	5755		12.89	12.49	15.70	16.50
		159	5795		12.59	12.20	15.41	16.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	12.41	13.61	16.06	17.00
	U-NII-2A	58	5290		11.80	13.16	15.54	16.50
	U-NII-2C	106	5530		12.09	12.72	15.43	16.50
		122	5610		13.61	13.10	16.37	17.00
		138	5690		14.03	12.87	16.50	17.00
	U-NII-3	155	5775		12.67	12.19	15.45	16.00

WIFI 5G Receiver on Simultaneous								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	chain0 Average Power (dBm)	chain1 Average Power (dBm)	MIMO Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	9.37	10.54	13.00	14.00
		40	5200		9.74	10.53	**13.16**	14.00
		44	5220		9.20	10.39	12.85	14.00
		48	5240		9.21	10.51	12.92	14.00
	U-NII-2A	52	5260		9.46	10.38	**12.95**	14.00
		56	5280		9.36	10.43	12.94	14.00
		60	5300		8.80	10.08	12.50	14.00
		64	5320		8.64	10.40	12.62	14.00
	U-NII-2C	100	5500		8.72	9.76	12.28	13.00
		104	5520		9.04	9.74	12.41	13.00
		108	5540		9.36	9.91	12.65	13.50
		112	5560		10.41	10.06	13.25	14.00
		116	5580		10.52	10.04	13.30	14.00
		120	5600		10.71	10.23	13.49	14.00
		124	5620		10.92	10.32	13.64	14.50
		128	5640		10.99	10.51	13.77	14.50
		132	5660		11.08	9.70	13.45	14.50
		136	5680		11.09	9.96	13.57	14.50
		140	5700		11.43	10.55	**14.02**	14.50
		144	5720		11.33	10.35	13.88	14.50
	U-NII-3	149	5745		11.08	10.20	**13.67**	14.50
		153	5765		10.84	10.06	13.48	14.50
		157	5785		10.58	9.79	13.21	14.50
		161	5805		11.13	10.09	13.65	14.50
		165	5825		10.93	10.08	13.54	14.50
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	8.97	10.11	12.59	13.50
		40	5200		9.24	9.99	12.64	13.50
		44	5220		8.76	9.94	12.40	13.50
		48	5240		8.72	10.07	12.46	13.50
	U-NII-2A	52	5260		9.05	9.95	12.53	13.50
		56	5280		8.93	9.97	12.49	13.50
		60	5300		8.28	9.64	12.02	13.50
		64	5320		8.10	10.00	12.16	13.50
	U-NII-2C	100	5500		8.18	9.25	11.76	14.50
		104	5520		8.62	9.29	11.98	14.50
		108	5540		8.96	9.51	12.25	14.50
		112	5560		10.00	9.64	12.83	14.50

		116	5580		9.98	9.52	12.77	14.50
		120	5600		10.18	9.78	12.99	14.50
		124	5620		10.43	9.85	13.16	14.50
		128	5640		10.47	9.96	13.23	14.50
		132	5660		10.54	9.25	12.95	14.50
		136	5680		10.69	9.49	13.14	14.50
		140	5700		10.91	10.06	13.52	14.50
		144	5720		10.87	9.81	13.38	14.50
	U-NII-3	149	5745		10.55	9.80	13.20	14.00
		153	5765		10.30	9.53	12.94	14.00
		157	5785		10.10	9.37	12.76	14.00
		161	5805		10.62	9.68	13.19	14.00
		165	5825		10.49	9.56	13.06	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	9.01	10.42	12.78	13.50
		46	5230		8.83	10.36	12.67	13.50
	U-NII-2A	54	5270		8.88	10.51	12.78	13.50
		62	5310		8.31	10.23	12.39	13.50
	U-NII-2C	102	5510		8.25	9.62	12.00	14.00
		110	5550		9.79	9.93	12.87	14.00
		118	5590		10.28	10.06	13.18	14.00
		126	5630		10.55	10.15	13.36	14.00
		134	5670		10.50	9.58	13.07	14.00
		142	5710		10.77	10.06	13.44	14.00
	U-NII-3	151	5755		10.32	9.97	13.16	14.00
		159	5795		10.09	9.66	12.89	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-20	U-NII-1	36	5180	MCS0	8.97	10.07	12.57	13.50
		40	5200		9.22	10.02	12.65	13.50
		44	5220		8.79	9.90	12.39	13.50
		48	5240		8.74	10.13	12.50	13.50
	U-NII-2A	52	5260		9.08	10.04	12.60	13.50
		56	5280		8.95	10.06	12.55	13.50
		60	5300		8.30	9.62	12.02	13.50
		64	5320		8.12	10.07	12.21	13.50
	U-NII-2C	100	5500		8.24	9.27	11.80	14.50
		104	5520		8.68	9.30	12.01	14.50
		108	5540		9.03	9.50	12.28	14.50
		112	5560		10.00	9.70	12.86	14.50
		116	5580		10.04	9.56	12.82	14.50
		120	5600		10.20	9.84	13.03	14.50

		124	5620		10.43	9.94	13.20	14.50
		128	5640		10.51	10.01	13.28	14.50
		132	5660		10.56	9.26	12.97	14.50
		136	5680		10.71	9.59	13.20	14.50
		140	5700		10.97	10.08	13.56	14.50
		144	5720		10.84	9.82	13.37	14.50
	U-NII-3	149	5745		10.58	9.78	13.21	14.00
		153	5765		10.33	9.57	12.98	14.00
		157	5785		10.16	9.33	12.78	14.00
		161	5805		10.63	9.63	13.17	14.00
		165	5825		10.45	9.63	13.07	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac-40	U-NII-1	38	5190	MCS0	9.10	10.37	12.79	13.50
		46	5230		8.82	10.34	12.66	13.50
	U-NII-2A	54	5270		8.88	10.53	12.79	13.50
		62	5310		8.37	10.25	12.42	13.50
	U-NII-2C	102	5510		8.26	9.57	11.97	14.00
		110	5550		9.76	9.89	12.84	14.00
		118	5590		10.29	10.02	13.17	14.00
		126	5630		10.60	10.13	13.38	14.00
		134	5670		10.60	9.62	13.15	14.00
		142	5710		10.85	10.09	13.50	14.00
	U-NII-3	151	5755		10.36	10.01	13.20	14.00
		159	5795		10.05	9.70	12.89	14.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Average Power (dBm)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	8.92	10.18	12.61	13.50
	U-NII-2A	58	5290		8.35	9.68	12.08	13.00
	U-NII-2C	106	5530		8.65	9.18	11.93	14.00
		122	5610		10.06	9.57	12.83	14.00
		138	5690		10.63	9.35	13.05	14.00
	U-NII-3	155	5775		10.11	9.72	12.93	13.50

10.2 Conducted Power of BT

BT Receiver off		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	14.62	14.76	14.12	16.00
	π/4DQPSK	12.01	12.22	11.36	15.50
	8DPSK	11.82	12.01	11.03	15.50
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.21	6.66	6.42	10.5
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	6.44	6.82	6.67	10.5

BT Receiver on		Average Conducted Power(dBm)			Tune up
Band	Channel	0	39	78	
BT	GFSK	10.59	10.82	10.11	12.00
	π/4DQPSK	10.51	10.72	9.86	12.00
	8DPSK	10.32	10.51	9.53	12.00
Band	Channel	0	19	39	Tune up
BLE 1M	GFSK	6.21	6.66	6.42	10.5
Band	Channel	1	19	38	Tune up
BLE 2M	GFSK	6.44	6.82	6.67	10.5