

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

SZSAR-TRF-01-A05 Rev. A/0 Aug 16,2024

Report No.: SZCR250400159710

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N78 PC2 DSI1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.87	/	20.00
		1	137	/	18.94	/	20.00
		1	271	/	18.83	/	20.00
		135	0	/	15.22	/	16.50
		135	69	/	18.78	/	20.00
		135	138	/	15.36	/	16.50
	DFT-s-OFDM QPSK	270	0	/	17.82	/	19.50
		1	1	/	18.87	/	20.00
		1	137	/	18.95	/	20.00
		1	271	/	19.02	/	20.00
		135	0	/	15.24	/	16.50
		135	69	/	18.85	/	20.00
	DFT-s-OFDM 16QAM	135	138	/	15.36	/	16.50
		270	0	/	17.80	/	19.00
		1	1	/	17.87	/	19.00
DFT-s-OFDM 64QAM	1	1	/	16.19	/	17.50	
DFT-s-OFDM 256QAM	1	1	/	14.08	/	15.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
100MHz	CP-OFDM QPSK	1	1	/	17.45	/	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	DFT-s-OFDM QPSK	1	1	18.73	18.72	18.74	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	DFT-s-OFDM QPSK	1	1	18.74	18.70	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	DFT-s-OFDM QPSK	1	1	18.77	18.74	18.76	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	DFT-s-OFDM QPSK	1	1	18.79	18.72	18.70	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	DFT-s-OFDM QPSK	1	1	18.71	18.75	18.72	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	DFT-s-OFDM QPSK	1	1	18.76	18.79	18.79	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	DFT-s-OFDM QPSK	1	1	18.81	18.69	18.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	DFT-s-OFDM QPSK	1	1	18.77	18.77	18.73	20.00



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N78 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)				Channel	Channel	Channel	Tune up
Bandwidth	Modulation	RB size	RB offset	/	650000	/	
				/	3750.00	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.91	/	19.00
		1	137	/	17.92	/	19.00
		1	271	/	17.91	/	19.00
		135	0	/	14.21	/	15.50
		135	69	/	17.82	/	19.00
		135	138	/	14.38	/	15.50
	DFT-s-OFDM QPSK	270	0	/	16.80	/	18.50
		1	1	/	17.89	/	19.00
		1	137	/	17.94	/	19.00
		1	271	/	18.05	/	19.00
		135	0	/	14.26	/	15.50
		135	69	/	17.83	/	19.00
		135	138	/	14.34	/	15.50
		270	0	/	16.78	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.88	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	15.20	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	13.11	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	/	650000	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	649668	650000	650334	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	649334	650000	650668	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
70MHz	DFT-s-OFDM QPSK	1	1	649000	650000	651000	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
60MHz	DFT-s-OFDM QPSK	1	1	648668	650000	651334	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
50MHz	DFT-s-OFDM QPSK	1	1	648334	650000	651668	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
40MHz	DFT-s-OFDM QPSK	1	1	648000	650000	652000	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
30MHz	DFT-s-OFDM QPSK	1	1	647668	650000	652334	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
20MHz	DFT-s-OFDM QPSK	1	1	647334	650000	652668	19.00



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7 Conducted Power of NR MIMO Antenna

7.1 Conducted Power of NR MIMO Antenna (Ant2)

N41 PC2 DSI4/5				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	11.44	11.93	11.28	11.22	11.39	13.00
		1	137	11.29	11.81	11.22	11.26	11.36	13.00
		1	271	11.43	11.80	11.17	11.23	11.26	13.00
		135	0	7.73	8.18	7.71	7.71	7.89	9.50
		135	69	11.60	11.74	11.37	11.36	11.50	13.00
		135	138	8.13	8.37	7.84	7.91	8.04	9.50
		270	0	10.10	10.27	9.90	9.76	9.99	12.00
	CP-OFDM 16QAM	1	1	10.29	10.65	10.12	10.06	10.33	12.00
	CP-OFDM 64QAM	1	1	9.01	9.51	8.94	9.01	9.12	10.50
	CP-OFDM 256QAM	1	1	6.48	6.83	6.35	6.36	6.56	8.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	11.54	11.82	11.25	7.25	11.46	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	11.51	11.87	11.30	7.27	11.51	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	11.42	11.82	11.33	7.14	11.39	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	11.44	11.82	11.24	7.15	11.39	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	11.51	11.84	11.17	7.18	11.47	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	11.49	11.96	11.29	7.14	11.42	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



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30MHz	CP-OFDM QPSK	1	1	11.39	11.95	11.36	7.18	11.36	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	11.44	12.04	11.33	7.18	11.42	13.00

N41 PC2 DSI1/3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	15.51	15.95	15.27	15.26	15.42	17.00
		1	137	15.28	15.82	15.15	15.28	15.33	17.00
		1	271	15.44	15.75	15.15	15.27	15.26	17.00
		135	0	11.69	12.14	11.68	11.67	11.89	13.50
		135	69	15.61	15.80	15.33	15.39	15.46	17.00
		135	138	12.08	12.33	11.84	11.91	11.96	13.50
	270	0	14.07	14.27	13.90	13.81	14.00	16.00	
	CP-OFDM 16QAM	1	1	14.31	14.70	14.05	14.02	14.33	16.00
	CP-OFDM 64QAM	1	1	12.94	13.48	12.94	12.95	13.18	14.50
	CP-OFDM 256QAM	1	1	10.50	10.83	10.32	10.34	10.57	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	15.52	15.81	15.20	11.25	15.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	15.48	15.83	15.29	11.23	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	15.40	15.90	15.35	11.15	15.37	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	15.47	15.89	15.31	11.21	15.38	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	15.54	15.86	15.22	11.17	15.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	



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40MHz	CP-OFDM QPSK	1	1	15.44	15.95	15.29	11.11	15.42	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	15.37	15.97	15.35	11.18	15.35	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	15.48	16.00	15.39	11.22	15.42	17.00

N41 PC2 DSI6/2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	18.45	18.90	18.28	18.24	18.43	20.00
		1	137	18.36	18.82	18.15	18.29	18.30	20.00
		1	271	18.41	18.75	18.21	18.25	18.29	20.00
		135	0	14.69	15.15	14.65	14.74	14.93	16.50
		135	69	18.59	18.78	18.36	18.35	18.42	20.00
		135	138	15.14	15.31	14.86	14.95	15.01	16.50
	270	0	17.10	17.29	16.87	16.84	17.00	19.00	
	CP-OFDM 16QAM	1	1	17.33	17.67	17.05	17.01	17.32	19.00
	CP-OFDM 64QAM	1	1	16.01	16.49	15.92	16.01	16.15	17.50
	CP-OFDM 256QAM	1	1	13.50	13.87	13.31	13.41	13.58	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	18.51	18.84	18.21	14.25	18.41	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	18.51	18.86	18.28	14.23	18.55	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	18.48	18.87	18.31	14.14	18.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	18.42	18.87	18.26	14.17	18.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	



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50MHz	CP-OFDM QPSK	1	1	18.53	18.87	18.18	14.15	18.50	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	18.44	18.98	18.28	14.12	18.40	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	18.40	18.92	18.39	14.16	18.35	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	18.49	19.03	18.39	14.20	18.47	20.00



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N41 PC3 DSI4/5				Conducted Power(dBm)					
				SCS 30kHz					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	12.56	12.32	12.01	12.07	12.21	13.00
		1	137	12.44	12.31	12.04	11.97	12.14	13.00
		1	271	12.61	12.29	12.02	12.06	12.13	13.00
		135	0	11.63	11.20	11.05	11.12	11.20	12.00
		135	69	12.57	12.39	12.12	12.04	12.32	13.00
		135	138	11.53	11.35	11.08	11.02	11.34	12.00
		270	0	11.45	11.24	11.03	10.99	11.23	12.00
	CP-OFDM 16QAM	1	1	10.88	10.61	10.48	10.52	10.58	12.00
	CP-OFDM 64QAM	1	1	10.16	9.78	9.58	9.48	9.78	10.50
	CP-OFDM 256QAM	1	1	8.12	7.78	7.56	7.56	7.82	8.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	12.52	12.23	11.94	12.16	12.30	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	12.62	12.37	11.92	12.10	12.31	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	12.51	12.29	11.94	12.09	12.20	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	12.63	12.32	11.96	12.01	12.14	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	12.66	12.27	12.05	12.15	12.25	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	12.56	12.34	12.09	12.11	12.24	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	12.62	12.32	12.11	12.08	12.24	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	



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20MHz	CP-OFDM QPSK	1	1	12.65	12.27	12.01	11.98	12.27	13.00
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N41 PC3 DSI1/3				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	16.47	16.31	15.96	16.00	16.18	17.00
		1	137	16.40	16.23	16.00	15.90	16.13	17.00
		1	271	16.53	16.27	16.01	15.99	16.08	17.00
		135	0	15.55	15.15	14.98	15.08	15.17	16.00
		135	69	16.49	16.34	16.03	16.02	16.29	17.00
		135	138	15.52	15.33	15.06	14.93	15.27	16.00
		270	0	15.42	15.17	14.95	14.96	15.14	16.00
	CP-OFDM 16QAM	1	1	14.85	14.58	14.41	14.44	14.50	16.00
	CP-OFDM 64QAM	1	1	14.12	13.69	13.53	13.43	13.72	14.50
	CP-OFDM 256QAM	1	1	12.08	11.71	11.52	11.51	11.77	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	16.51	16.16	15.86	16.10	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	16.57	16.31	15.84	16.05	16.30	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	16.45	16.23	15.86	16.08	16.13	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	16.62	16.23	15.93	15.95	16.11	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	16.64	16.23	16.01	16.09	16.16	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	16.51	16.28	16.08	16.08	16.17	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	16.53	16.28	16.07	16.07	16.17	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	16.57	16.19	15.94	15.92	16.21	17.00

N41 PC3 DSI2/6				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	19.64	19.35	19.06	19.12	19.25	20.00
		1	137	19.53	19.40	19.06	19.04	19.16	20.00
		1	271	19.63	19.30	19.10	19.07	19.17	20.00
		135	0	18.64	18.21	18.13	18.21	18.22	19.00
		135	69	19.58	19.41	19.16	19.05	19.37	20.00
		135	138	18.58	18.37	18.12	18.03	18.37	19.00
		270	0	18.54	18.25	18.04	18.00	18.26	19.00
	CP-OFDM 16QAM	1	1	17.93	17.62	17.53	17.61	17.63	19.00
	CP-OFDM 64QAM	1	1	17.20	16.85	16.62	16.50	16.79	17.50
	CP-OFDM 256QAM	1	1	15.17	14.82	14.64	14.58	14.83	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	19.54	19.25	19.03	19.20	19.32	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	19.65	19.41	18.93	19.12	19.34	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	19.55	19.31	18.95	19.18	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	19.72	19.35	18.97	19.06	19.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	19.72	19.32	19.09	19.17	19.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	19.62	19.36	19.15	19.13	19.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	



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30MHz	CP-OFDM QPSK	1	1	21.70	21.34	21.13	21.15	21.32	22.00
Bandwidth	Modulation	RB size	RB offset	Channel 501204	Channel 509904	Channel 518598	Channel 527298	Channel 535998	Tune up
20MHz	CP-OFDM QPSK	1	1	19.66	19.32	19.10	19.00	19.32	20.00



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7.2 Conducted Power of NR MIMO Antenna (Ant3)

N77 PC3 DSI4/5/1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.88	/	19.50
		1	137	/	18.85	/	19.50
		1	271	/	19.15	/	19.50
		135	0	/	17.41	/	18.00
		135	69	/	19.04	/	19.50
		135	138	/	17.74	/	18.00
		270	0	/	17.43	/	18.00
	CP-OFDM 16QAM	1	1	/	18.51	/	19.00
	CP-OFDM 64QAM	1	1	/	16.98	/	17.50
	CP-OFDM 256QAM	1	1	/	13.91	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	18.89	18.88	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	18.85	18.81	18.85	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.95	18.79	18.88	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	18.96	18.96	18.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	18.94	18.79	18.89	19.50



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N77 PC3 DSI4/5/1/3/6/2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	17.99	18.05	17.88	18.39	18.69	18.62	19.50
		1	137	18.48	18.40	18.38	18.75	19.00	18.93	19.50
		1	271	18.53	18.50	18.47	18.75	19.22	19.03	19.50
		135	0	16.89	17.00	16.99	17.29	17.69	17.73	18.00
		135	69	18.71	18.68	18.68	18.63	18.75	18.76	19.50
		135	138	17.02	17.12	17.05	17.25	17.72	17.75	18.00
		270	0	17.03	17.00	17.05	17.07	17.10	17.04	18.00
	CP-OFDM 16QAM	1	1	17.82	17.83	17.81	18.06	18.40	18.46	19.00
	CP-OFDM 64QAM	1	1	16.29	16.22	16.24	16.57	16.86	16.96	17.50
	CP-OFDM 256QAM	1	1	13.50	13.44	13.50	13.79	14.05	14.14	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	18.51	18.38	18.43	18.72	18.93	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	18.39	18.45	18.45	18.71	19.01	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	18.43	18.48	18.36	18.72	19.05	18.91	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	18.39	18.32	18.43	18.81	19.06	18.89	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	18.39	18.30	18.39	18.67	18.99	18.99	19.50



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N77 PC2 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	21.92	/	22.50
		1	137	/	21.79	/	22.50
		1	271	/	22.03	/	22.50
		135	0	/	20.33	/	21.00
		135	69	/	21.30	/	22.50
		135	138	/	20.30	/	21.00
		270	0	/	20.37	/	21.00
	CP-OFDM 16QAM	1	1	/	21.71	/	22.00
	CP-OFDM 64QAM	1	1	/	19.87	/	20.50
	CP-OFDM 256QAM	1	1	/	17.27	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	21.95	21.90	21.99	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	21.88	21.99	21.98	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	21.94	21.89	21.90	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	21.89	21.81	21.92	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	21.95	21.97	22.06	22.50

N77 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	



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100MHz	CP-OFDM QPSK	1	1	/	20.44	/	21.00
		1	137	/	20.33	/	21.00
		1	271	/	20.52	/	21.00
		135	0	/	18.83	/	19.50
		135	69	/	19.75	/	21.00
		135	138	/	18.80	/	19.50
		270	0	/	18.89	/	19.50
	CP-OFDM 16QAM	1	1	/	20.23	/	20.50
	CP-OFDM 64QAM	1	1	/	18.32	/	19.00
	CP-OFDM 256QAM	1	1	/	15.79	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	20.48	20.43	20.53	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	20.36	20.47	20.48	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	20.46	20.35	20.42	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	20.34	20.28	20.37	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	20.46	20.45	20.59	21.00

N77 PC2 DS1/2/3/6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	21.00	20.83	21.23	21.51	21.34	21.75	22.50
		1	137	21.60	21.57	21.63	22.03	21.53	22.04	22.50
		1	271	21.67	21.67	21.71	22.09	21.67	22.24	22.50
		135	0	20.53	20.49	20.50	20.87	20.53	20.84	21.00
		135	69	20.91	20.97	20.96	21.49	21.05	21.50	22.50



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		135	138	20.18	20.16	20.13	20.57	20.21	20.65	21.00
		270	0	20.14	20.18	20.09	20.54	20.19	20.49	21.00
	CP-OFDM 16QAM	1	1	20.95	20.90	20.96	21.44	20.99	21.46	22.00
	CP-OFDM 64QAM	1	1	19.07	19.10	19.08	19.55	19.04	19.58	20.50
	CP-OFDM 256QAM	1	1	16.45	16.32	16.37	16.84	16.34	16.89	17.50
Bandwidth	Modulation	RB size	RB offset	Channel 649334	Channel 652000	Channel 654668	Channel 657334	Channel 660000	Channel 662666	Tune up
80MHz	CP-OFDM QPSK	1	1	21.03	20.79	21.27	21.43	21.44	21.85	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648668	Channel 651600	Channel 654534	Channel 657468	Channel 660400	Channel 663332	Tune up
60MHz	CP-OFDM QPSK	1	1	20.91	20.74	21.28	21.45	21.29	21.79	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 648000	Channel 651200	Channel 654400	Channel 657600	Channel 660800	Channel 664000	Tune up
40MHz	CP-OFDM QPSK	1	1	20.94	20.82	21.30	21.60	21.33	21.69	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647666	Channel 651000	Channel 654334	Channel 657666	Channel 661000	Channel 664334	Tune up
30MHz	CP-OFDM QPSK	1	1	21.00	20.92	21.22	21.56	21.41	21.65	22.50
Bandwidth	Modulation	RB size	RB offset	Channel 647334	Channel 650800	Channel 654268	Channel 657734	Channel 661200	Channel 664666	Tune up
20MHz	CP-OFDM QPSK	1	1	21.07	20.86	21.26	21.44	21.37	21.74	22.50

N77 PC2 DSI4/5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	19.46	19.32	19.73	19.99	19.85	20.28	21.00
		1	137	20.06	20.06	20.17	20.55	20.08	20.57	21.00
		1	271	20.16	20.21	20.16	20.55	20.15	20.69	21.00
		135	0	18.98	18.97	19.04	19.34	19.05	19.39	19.50
		135	69	19.37	19.42	19.41	19.95	19.59	19.95	21.00
		135	138	18.63	18.66	18.59	19.10	18.73	19.11	19.50
		270	0	18.66	18.70	18.63	19.01	18.67	19.01	19.50
	CP-OFDM 16QAM	1	1	19.49	19.39	19.50	19.93	19.44	19.94	20.50
	CP-OFDM 64QAM	1	1	17.54	17.65	17.56	18.05	17.49	18.03	19.00



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	CP-OFDM 256QAM	1	1	14.93	14.82	14.86	15.35	14.79	15.35	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	19.57	19.26	19.82	19.90	19.95	20.38	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	19.44	19.25	19.82	19.98	19.76	20.26	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	19.45	19.37	19.76	20.14	19.80	20.24	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	19.46	19.40	19.73	20.03	19.89	20.16	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	19.54	19.36	19.75	19.96	19.84	20.26	21.00

N78 PC3 DSI4/5/1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	18.95	/	19.50
		1	137	/	18.83	/	19.50
		1	271	/	19.04	/	19.50
		135	0	/	17.36	/	18.00
		135	69	/	18.92	/	19.50
		135	138	/	17.34	/	18.00
		270	0	/	17.41	/	18.00
	CP-OFDM 16QAM	1	1	/	18.31	/	19.00
	CP-OFDM 64QAM	1	1	/	16.66	/	17.50
	CP-OFDM 256QAM	1	1	/	14.00	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	19.05	18.94	18.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	



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80MHz	CP-OFDM QPSK	1	1	19.08	19.00	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	19.09	18.95	18.96	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	19.10	18.86	18.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	19.08	18.96	19.04	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	18.99	18.99	18.95	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	19.06	18.91	18.92	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.09	18.99	18.92	19.50



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N78 PC3 DSI4/5/1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	18.96	/	19.50
		1	137	/	18.81	/	19.50
		1	271	/	19.10	/	19.50
		135	0	/	17.46	/	18.00
		135	69	/	18.94	/	19.50
		135	138	/	17.24	/	18.00
		270	0	/	17.44	/	18.00
	CP-OFDM 16QAM	1	1	/	18.31	/	19.00
	CP-OFDM 64QAM	1	1	/	16.73	/	17.50
	CP-OFDM 256QAM	1	1	/	13.98	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	19.05	18.99	18.98	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	19.01	19.07	18.90	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	19.06	18.95	18.99	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	19.04	18.91	18.87	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	19.01	18.92	19.13	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	19.05	18.91	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	19.05	18.94	18.97	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	19.00	19.01	18.91	19.50



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N78 PC2 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	21.53	/	22.50
		1	137	/	21.67	/	22.50
		1	271	/	21.79	/	22.50
		135	0	/	20.07	/	21.00
		135	69	/	21.61	/	22.50
		135	138	/	20.08	/	21.00
		270	0	/	20.13	/	21.00
	CP-OFDM 16QAM	1	1	/	20.84	/	22.00
	CP-OFDM 64QAM	1	1	/	19.25	/	20.50
	CP-OFDM 256QAM	1	1	/	16.38	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	21.57	21.38	21.64	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	21.53	21.37	21.61	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	21.73	21.54	21.67	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	21.50	21.32	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	21.63	21.55	21.43	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	21.51	21.48	21.60	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	



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30MHz	CP-OFDM QPSK	1	1	21.62	21.59	21.54	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	21.51	21.40	21.66	22.50

N78 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	20.06	/	21.00
		1	137	/	20.19	/	21.00
		1	271	/	20.28	/	21.00
		135	0	/	18.61	/	19.50
		135	69	/	20.07	/	21.00
		135	138	/	18.55	/	19.50
		270	0	/	18.66	/	19.50
	CP-OFDM 16QAM	1	1	/	19.31	/	20.50
	CP-OFDM 64QAM	1	1	/	17.80	/	19.00
	CP-OFDM 256QAM	1	1	/	14.85	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	20.12	19.86	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	20.01	19.85	20.15	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	20.18	20.04	20.17	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	20.05	19.79	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	



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50MHz	CP-OFDM QPSK	1	1	20.16	20.09	19.97	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	20.04	19.96	20.13	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	20.15	20.05	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.99	19.86	20.21	21.00

N78 PC2 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	21.49	/	22.50
		1	137	/	21.67	/	22.50
		1	271	/	21.84	/	22.50
		135	0	/	20.01	/	21.00
		135	69	/	21.55	/	22.50
		135	138	/	20.05	/	21.00
		270	0	/	20.11	/	21.00
	CP-OFDM 16QAM	1	1	/	20.88	/	22.00
	CP-OFDM 64QAM	1	1	/	19.19	/	20.50
	CP-OFDM 256QAM	1	1	/	16.41	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	21.54	21.42	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	21.60	21.33	21.59	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	CP-OFDM QPSK	1	1	21.63	21.44	21.65	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	21.60	21.34	21.57	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	21.62	21.48	21.49	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	21.46	21.43	21.53	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	21.52	21.50	21.51	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	21.45	21.43	21.67	22.50

N78 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	19.99	/	21.00
		1	137	/	20.18	/	21.00
		1	271	/	20.35	/	21.00
		135	0	/	18.46	/	19.50
		135	69	/	20.06	/	21.00
		135	138	/	18.55	/	19.50
		270	0	/	18.58	/	19.50
	CP-OFDM 16QAM	1	1	/	19.39	/	20.50
	CP-OFDM 64QAM	1	1	/	17.74	/	19.00
	CP-OFDM 256QAM	1	1	/	14.91	/	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	



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90MHz	CP-OFDM QPSK	1	1	20.07	19.91	20.12	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	20.13	19.81	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	20.11	19.89	20.10	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	20.09	19.86	20.09	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	20.17	20.01	19.98	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	19.96	19.89	19.99	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	19.97	19.96	19.96	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	19.95	19.97	20.12	21.00



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7.3 Conducted Power of NR MIMO Antenna (Ant5)

N41 PC2				Conducted Power(dBm)					
				SCS 30kHz					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	24.82	25.20	25.26	25.28	25.21	26.00
		1	137	24.93	25.34	25.34	25.32	25.31	26.00
		1	271	24.09	24.52	24.49	24.52	24.49	26.00
		135	0	21.18	21.61	21.62	21.61	21.58	22.50
		135	69	24.71	25.16	25.17	25.18	25.16	26.00
		135	138	21.27	21.67	21.71	21.75	21.69	22.50
		270	0	23.82	24.15	24.21	24.21	24.16	25.00
	CP-OFDM 16QAM	1	1	23.69	24.03	24.02	24.02	24.08	25.00
	CP-OFDM 64QAM	1	1	22.45	22.79	22.82	22.81	22.85	23.50
	CP-OFDM 256QAM	1	1	20.27	20.70	20.68	20.73	20.69	21.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	23.21	23.68	23.75	23.75	23.75	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	24.81	25.11	25.17	25.22	25.12	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	24.75	25.19	25.25	25.19	25.15	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	24.80	25.16	25.24	25.23	25.17	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	24.76	25.14	25.25	25.25	25.15	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	24.78	25.15	25.22	25.24	25.17	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	24.81	25.11	25.18	25.27	25.12	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	24.77	25.12	25.17	25.27	25.13	26.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	24.80	25.17	25.21	25.21	25.19	26.00



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N41 PC3 DSI4/5/1/3/6/2				Conducted Power(dBm)					
SCS 30kHz									
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
				2546.01	2569.5	2592.99	2616.51	2640	
100MHz	CP-OFDM QPSK	1	1	22.87	23.23	23.32	23.32	23.27	24.00
		1	137	23.01	23.43	23.38	23.37	23.33	24.00
		1	271	22.17	22.56	22.55	22.55	22.51	24.00
		135	0	21.17	21.54	21.54	21.54	21.55	23.00
		135	69	22.90	23.24	23.29	23.35	23.25	24.00
		135	138	21.13	21.59	21.56	21.60	21.55	23.00
	270	0	21.15	21.57	21.56	21.53	21.53	23.00	
	CP-OFDM 16QAM	1	1	21.10	21.60	21.52	21.54	21.51	23.00
	CP-OFDM 64QAM	1	1	19.67	20.08	20.07	20.09	20.08	21.50
CP-OFDM 256QAM	1	1	17.66	18.04	18.08	18.10	18.03	19.50	
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	CP-OFDM QPSK	1	1	22.14	22.58	22.57	22.60	22.54	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	CP-OFDM QPSK	1	1	22.79	23.22	23.25	23.29	23.24	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	
70MHz	CP-OFDM QPSK	1	1	22.80	23.19	23.26	23.24	23.23	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	CP-OFDM QPSK	1	1	22.85	23.22	23.29	23.30	23.25	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	CP-OFDM QPSK	1	1	22.86	23.18	23.27	23.25	23.22	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	CP-OFDM QPSK	1	1	22.85	23.17	23.23	23.26	23.23	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	CP-OFDM QPSK	1	1	22.79	23.21	23.24	23.30	23.18	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	CP-OFDM QPSK	1	1	22.86	23.15	23.30	23.30	23.23	24.00



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3009199, 3009200, 3009201, 3009202, 3009203, 3009204, 3009205, 3009206, 3009207, 3009208, 3009209, 3009210, 3009211, 3009212, 3009213, 3009214, 3009215, 3009216, 3009217, 3009218, 3009219, 3009220, 3009221, 3009222, 3009223, 3009224, 3009225, 3009226, 3009227, 3009228, 3009229, 3009230, 3009231, 3009232, 3009233, 3009234, 3009235, 3009236, 3009237, 3009238, 3009239, 3009240, 3009241, 3009242, 3009243, 3009244, 3009245, 3009246, 3009247, 3009248, 3009249, 3009250, 3009251, 3009252, 3009253, 3009254, 3009255, 3009256, 3009257, 3009258, 3009259, 3009260, 3009261, 3009262, 3009263, 3009264, 3009265, 3009266, 3009267, 3009268, 3009269, 3009270, 3009271, 3009272, 3009273, 3009274, 3009275, 3009276, 3009277, 3009278, 3009279, 3009280, 3009281, 3009282, 3009283, 3009284, 3009285, 3009286, 3009287, 3009288, 3009289, 3009290, 3009291, 3009292, 3009293, 3009294, 3009295, 3009296, 3009297, 3009298, 3009299, 3009300, 3009301, 3009302, 3009303, 3009304, 3009305, 3009306, 3009307, 3009308, 3009309, 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3009865, 3009866, 3009867, 3009868, 3009869, 3009870, 3009871, 3009872, 3009873, 3009874, 3009875, 3009876, 3009877, 3009878, 3009879, 3009880, 3009881, 3009882, 3009883, 3009884, 3009885, 3009886, 3009887, 3009888, 3009889, 3009890, 3009891, 3009892, 3009893, 3009894, 3009895, 3009896, 3009897, 3009898, 3009899, 3009900, 3009901, 3009902, 3009903, 3009904, 3009905, 3009906, 3009907, 3009908, 3009909, 3009910, 3009911, 3009912, 3009913, 3009914, 3009915, 3009916, 3009917, 3009918, 3009919, 3009920, 3009921, 3009922, 3009923, 3009924, 3009925, 3009926, 3009927, 3009928, 3009929, 3009930, 3009931, 3009932, 3009933, 3009934, 3009935, 3009936, 3009937, 3009938, 3009939, 3009940, 3009941, 3009942, 3009943, 3009944, 3009945, 3009946, 3009947, 3009948, 3009949, 3009950, 3009951, 3009952, 3009953, 3009954, 3009955, 3009956, 3009957, 3009958, 3009959, 3009960, 3009961, 3009962, 3009963, 3009964, 3009965, 3009966, 3009967, 3009968, 3009969, 3009970, 3009971, 3009972, 3009973, 3009974, 3009975, 3009976, 3009977, 3009978, 3009979, 3009980, 3009981, 3009982, 3009983, 3009984, 3009985, 3009986, 3009987, 3009988, 3009989, 3009990, 30

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7.4 Conducted Power of NR MIMO Antenna (Ant7)

N77 PC3 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	17.04	/	18.00
		1	137	/	17.53	/	18.00
		1	271	/	17.61	/	18.00
		135	0	/	16.19	/	16.50
		135	69	/	16.65	/	18
		135	138	/	16.36	/	16.50
		270	0	/	16.35	/	16.50
	CP-OFDM 16QAM	1	1	/	16.46	/	17.50
	CP-OFDM 64QAM	1	1	/	15.82	/	16.00
	CP-OFDM 256QAM	1	1	/	12.85	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	17.19	17.25	17.17	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	17.19	17.17	17.21	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	17.12	17.23	17.18	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	17.10	17.18	17.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	17.13	17.23	17.24	18.00

N77 PC3 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.07	/	17.00
		1	137	/	16.57	/	17.00
		1	271	/	16.60	/	17.00
		135	0	/	15.17	/	15.50
		135	69	/	15.67	/	17
		135	138	/	15.36	/	15.50
		270	0	/	15.40	/	15.50
	CP-OFDM 16QAM	1	1	/	15.43	/	16.50
	CP-OFDM 64QAM	1	1	/	14.81	/	15.00
	CP-OFDM 256QAM	1	1	/	11.87	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.19	16.30	16.14	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	16.22	16.13	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.14	16.28	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.12	16.21	16.11	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.15	16.25	16.28	17.00

N77 PC3 DS1/2/3/6					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	17.47	17.26	16.99	16.69	16.59	16.39	18.00
		1	137	17.40	17.21	16.84	16.94	16.57	16.48	18.00
		1	271	17.10	17.07	16.68	16.62	16.30	16.44	18.00



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		135	0	15.78	15.74	15.36	15.41	15.00	14.97	16.50
		135	69	17.18	17.03	16.69	16.61	16.35	16.43	18.00
		135	138	15.89	15.76	15.45	15.35	15.25	15.22	16.50
		270	0	15.83	15.61	15.28	15.20	15.00	14.93	16.50
	CP-OFDM 16QAM	1	1	16.85	16.65	16.40	16.40	16.07	16.11	17.50
	CP-OFDM 64QAM	1	1	15.67	15.35	15.13	15.05	14.92	14.80	16.00
	CP-OFDM 256QAM	1	1	12.86	12.66	12.29	12.24	12.03	12.02	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	17.51	17.19	16.90	16.73	16.54	16.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	17.55	17.34	17.03	16.73	16.49	16.39	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	17.54	17.26	17.00	16.69	16.57	16.44	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	17.54	17.36	17.03	16.69	16.62	16.46	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	17.37	17.34	17.01	16.60	16.68	16.47	18.00

N77 PC3 DSI4/5					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	16.51	16.28	15.99	15.69	15.61	15.44	17.00
		1	137	16.45	16.21	15.87	15.99	15.55	15.47	17.00
		1	271	16.05	16.08	15.67	15.61	15.29	15.42	17.00
		135	0	14.81	14.74	14.40	14.37	14.03	13.92	15.50
		135	69	16.14	16.01	15.74	15.61	15.33	15.42	17.00
		135	138	14.86	14.79	14.50	14.30	14.25	14.22	15.50
		270	0	14.81	14.63	14.29	14.17	14.05	13.89	15.50



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	CP-OFDM 16QAM	1	1	15.89	15.63	15.40	15.37	15.02	15.08	16.50
	CP-OFDM 64QAM	1	1	14.63	14.31	14.09	14.10	13.89	13.85	15.00
	CP-OFDM 256QAM	1	1	11.89	11.65	11.30	11.22	10.99	10.98	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	16.52	16.14	15.92	15.70	15.51	15.42	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	16.50	16.39	16.04	15.78	15.51	15.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	16.57	16.21	15.99	15.69	15.52	15.42	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	16.56	16.41	16.02	15.73	15.59	15.44	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	16.37	16.31	15.97	15.57	15.73	15.44	17.00

N77 PC2 DSI4/5/1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	17.12	/	18.00
		1	137	/	17.65	/	18.00
		1	271	/	17.61	/	18.00
		135	0	/	16.05	/	16.50
		135	69	/	16.75	/	18.00
		135	138	/	15.92	/	16.50
		270	0	/	15.64	/	16.50
	CP-OFDM 16QAM	1	1	/	17.02	/	17.50
	CP-OFDM 64QAM	1	1	/	15.50	/	16.00
	CP-OFDM 256QAM	1	1	/	12.05	/	13.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	17.29	17.15	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	17.38	17.13	17.43	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	17.25	17.24	17.36	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	17.38	17.10	17.30	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	17.38	17.11	17.43	18.00

N77 PC2 DSI4/5/1/3/6/2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.12	/	17.00
		1	137	/	16.65	/	17.00
		1	271	/	16.61	/	17.00
		135	0	/	15.05	/	15.50
		135	69	/	15.75	/	17.00
		135	138	/	14.92	/	15.50
		270	0	/	14.64	/	15.50
	CP-OFDM 16QAM	1	1	/	16.02	/	16.50
	CP-OFDM 64QAM	1	1	/	14.50	/	15.00
	CP-OFDM 256QAM	1	1	/	11.05	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.29	16.15	16.33	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	16.38	16.13	16.43	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.25	16.24	16.36	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.38	16.10	16.30	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.38	16.11	16.43	17.00

N77 PC2 DSI4/5/1/3/6/2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	17.56	17.06	16.82	16.89	16.87	16.58	18.00
		1	137	17.54	16.66	16.94	16.99	17.04	16.82	18.00
		1	271	17.72	16.77	17.02	17.06	17.06	16.84	18.00
		135	0	16.05	16.14	16.26	16.20	16.33	16.08	16.50
		135	69	16.63	16.60	16.13	16.09	16.10	16.53	18.00
		135	138	16.47	15.67	15.85	15.83	15.81	15.73	16.50
		270	0	16.27	15.56	15.70	15.65	15.61	15.58	16.50
	CP-OFDM 16QAM	1	1	16.70	15.99	16.12	16.09	16.07	16.01	17.50
	CP-OFDM 64QAM	1	1	15.50	15.57	15.71	15.77	15.74	15.49	16.00
	CP-OFDM 256QAM	1	1	12.81	12.83	12.94	12.85	12.84	12.75	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	17.56	17.05	16.84	16.84	16.91	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	17.49	17.03	16.92	16.90	16.80	16.52	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	



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40MHz	CP-OFDM QPSK	1	1	17.64	17.10	16.82	16.79	16.78	16.67	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	17.48	17.12	16.78	16.92	16.92	16.68	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	17.63	17.10	16.87	16.80	16.86	16.55	18.00

N77 PC2 DSI4/5/1/3/6/2					Conducted Power(dBm)					
SCS 30kHz(3700~3980)										
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
				3750.00	3786.00	3822.00	3858.00	3894.00	3930.00	
100MHz	CP-OFDM QPSK	1	1	16.56	16.06	15.82	15.89	15.87	15.58	17.00
		1	137	16.54	15.66	15.94	15.99	16.04	15.82	17.00
		1	271	16.72	15.77	16.02	16.06	16.06	15.84	17.00
		135	0	15.05	15.14	15.26	15.20	15.33	15.08	15.50
		135	69	15.63	15.60	15.13	15.09	15.10	15.53	17.00
		135	138	15.47	14.67	14.85	14.83	14.81	14.73	15.50
		270	0	15.27	14.56	14.70	14.65	14.61	14.58	15.50
	CP-OFDM 16QAM	1	1	15.70	14.99	15.12	15.09	15.07	15.01	16.50
	CP-OFDM 64QAM	1	1	14.50	14.57	14.71	14.77	14.74	14.49	15.00
	CP-OFDM 256QAM	1	1	11.81	11.83	11.94	11.85	11.84	11.75	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	CP-OFDM QPSK	1	1	16.56	16.05	15.84	15.84	15.91	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	CP-OFDM QPSK	1	1	16.49	16.03	15.92	15.90	15.80	15.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	CP-OFDM QPSK	1	1	16.64	16.10	15.82	15.79	15.78	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654334	657666	661000	664334	
30MHz	CP-OFDM QPSK	1	1	16.48	16.12	15.78	15.92	15.92	15.68	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647334	650800	654268	657734	661200	664666	
20MHz	CP-OFDM QPSK	1	1	16.63	16.10	15.87	15.80	15.86	15.55	17.00

N78 PC3 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	17.20	/	18.00
		1	137	/	17.11	/	18.00
		1	271	/	17.07	/	18.00
		135	0	/	15.75	/	16.50
		135	69	/	17.03	/	18.00
		135	138	/	15.55	/	16.50
		270	0	/	15.61	/	16.50
	CP-OFDM 16QAM	1	1	/	16.96	/	17.50
	CP-OFDM 64QAM	1	1	/	15.37	/	16.00
	CP-OFDM 256QAM	1	1	/	12.31	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	17.15	17.22	17.26	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	17.17	17.20	17.27	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	17.13	17.12	17.25	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	17.17	17.12	17.33	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	17.25	17.25	17.16	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	17.23	17.18	17.22	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	17.25	17.15	17.21	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	17.13	17.23	17.24	18.00

N78 PC3 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.35	/	17.00
		1	137	/	16.25	/	17.00
		1	271	/	16.31	/	17.00
		135	0	/	15.04	/	15.50
		135	69	/	16.36	/	17.00
		135	138	/	14.86	/	15.50
		270	0	/	14.76	/	15.50
	CP-OFDM 16QAM	1	1	/	16.15	/	16.50
	CP-OFDM 64QAM	1	1	/	14.39	/	15.00
	CP-OFDM 256QAM	1	1	/	11.51	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	16.39	16.17	16.48	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.29	16.61	16.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	16.42	16.39	16.27	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	



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60MHz	CP-OFDM QPSK	1	1	16.23	16.26	16.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	16.66	16.73	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.23	16.38	16.21	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.57	16.22	16.41	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.20	16.72	16.19	17.00

N78 PC3 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	17.10	/	18.00
		1	137	/	16.97	/	18.00
		1	271	/	16.84	/	18.00
		135	0	/	15.50	/	16.50
		135	69	/	16.87	/	18.00
		135	138	/	15.36	/	16.50
		270	0	/	15.43	/	16.50
	CP-OFDM 16QAM	1	1	/	16.67	/	17.50
	CP-OFDM 64QAM	1	1	/	15.09	/	16.00
	CP-OFDM 256QAM	1	1	/	12.02	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	17.11	17.00	17.12	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	17.15	16.90	17.19	18.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	17.21	17.00	17.02	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	17.05	16.97	17.21	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	17.03	17.04	17.11	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	17.16	16.92	17.19	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	17.09	17.03	17.06	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	17.18	17.01	17.02	18.00

N78 PC3 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	16.36	/	17.00
		1	137	/	15.96	/	17.00
		1	271	/	15.99	/	17.00
		135	0	/	14.95	/	15.50
		135	69	/	16.07	/	17.00
		135	138	/	14.67	/	15.50
		270	0	/	14.87	/	15.50
	CP-OFDM 16QAM	1	1	/	16.15	/	16.50
	CP-OFDM 64QAM	1	1	/	14.19	/	15.00
	CP-OFDM 256QAM	1	1	/	11.48	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	16.58	16.35	16.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	16.55	16.03	16.22	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	16.71	16.24	16.12	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	16.52	16.46	16.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	16.36	16.24	16.32	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	16.34	15.91	16.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	16.19	16.20	16.22	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	16.61	16.47	16.34	17.00

N78 PC2 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	CP-OFDM QPSK	1	1	/	16.72	/	18.00
		1	137	/	16.82	/	18.00
		1	271	/	17.12	/	18.00
		135	0	/	15.38	/	16.50
		135	69	/	17.03	/	18.00
		135	138	/	16.15	/	16.50
		270	0	/	15.93	/	16.50



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	CP-OFDM 16QAM	1	1	/	16.11	/	17.50
	CP-OFDM 64QAM	1	1	/	14.98	/	16.00
	CP-OFDM 256QAM	1	1	/	11.78	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	CP-OFDM QPSK	1	1	16.71	16.82	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	CP-OFDM QPSK	1	1	16.76	16.91	16.63	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	
70MHz	CP-OFDM QPSK	1	1	16.71	16.92	16.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	CP-OFDM QPSK	1	1	16.61	16.76	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	CP-OFDM QPSK	1	1	16.62	16.86	16.79	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	CP-OFDM QPSK	1	1	16.71	16.85	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	CP-OFDM QPSK	1	1	16.61	16.92	16.69	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	CP-OFDM QPSK	1	1	16.65	16.80	16.78	18.00

N78 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz		1	1	/	15.72	/	17.00



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	CP-OFDM QPSK	1	137	/	15.82	/	17.00
		1	271	/	16.12	/	17.00
		135	0	/	14.38	/	15.50
		135	69	/	16.03	/	17.00
		135	138	/	15.15	/	15.50
		270	0	/	14.93	/	15.50
	CP-OFDM 16QAM	1	1	/	15.11	/	16.50
	CP-OFDM 64QAM	1	1	/	13.98	/	15.00
	CP-OFDM 256QAM	1	1	/	10.78	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel 633000	Channel 633334	Channel 633668	Tune up
90MHz	CP-OFDM QPSK	1	1	15.71	15.82	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632668	Channel 633334	Channel 634000	Tune up
80MHz	CP-OFDM QPSK	1	1	15.76	15.91	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632334	Channel 633334	Channel 634334	Tune up
70MHz	CP-OFDM QPSK	1	1	15.71	15.92	15.77	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 632000	Channel 633334	Channel 634668	Tune up
60MHz	CP-OFDM QPSK	1	1	15.61	15.76	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631668	Channel 633334	Channel 635000	Tune up
50MHz	CP-OFDM QPSK	1	1	15.62	15.86	15.79	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631334	Channel 633334	Channel 635334	Tune up
40MHz	CP-OFDM QPSK	1	1	15.71	15.85	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 631001	Channel 633334	Channel 635667	Tune up
30MHz	CP-OFDM QPSK	1	1	15.61	15.92	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel 630668	Channel 633334	Channel 636000	Tune up
20MHz	CP-OFDM QPSK	1	1	15.65	15.80	15.78	17.00



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N78 PC2 DSI1/2/3/6				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	16.84	/	18.00
		1	137	/	16.94	/	18.00
		1	271	/	17.24	/	18.00
		135	0	/	15.50	/	16.50
		135	69	/	17.27	/	18.00
		135	138	/	16.15	/	16.50
		270	0	/	16.05	/	16.50
	CP-OFDM 16QAM	1	1	/	16.23	/	17.50
	CP-OFDM 64QAM	1	1	/	15.10	/	16.00
	CP-OFDM 256QAM	1	1	/	11.90	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	16.83	16.90	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	16.89	16.81	16.81	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	16.80	16.86	16.95	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	16.90	16.98	17.00	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	16.84	16.94	16.88	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	16.86	16.83	16.95	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	



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