

8 Conducted Power of NR Antenna

8.1 Conducted Power of NR Antenna (Ant11)

N7 DSI 2/5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.34	18.44	18.36	19.50
		1	108	18.34	18.48	18.37	19.50
		1	214	18.37	18.28	18.45	19.50
		108	0	17.82	17.70	17.90	19.00
		108	54	18.27	18.29	18.34	19.50
		108	108	17.88	17.78	17.77	19.00
		216	0	17.90	17.76	17.83	19.00
	DFT-s-OFDM QPSK	1	1	18.38	18.45	18.42	19.50
		1	108	18.38	18.43	18.29	19.50
		1	214	18.31	18.32	18.42	19.50
		108	0	17.42	17.33	17.37	18.50
		108	54	18.40	18.41	18.39	19.50
		108	108	17.37	17.30	17.24	18.50
		216	0	17.38	17.25	17.37	18.50
	DFT-s-OFDM 16QAM	1	1	17.45	17.53	17.43	18.50
	DFT-s-OFDM 64QAM	1	1	16.01	16.10	15.89	17.00
	DFT-s-OFDM 256QAM	1	1	14.10	14.13	14.12	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.80	16.81	16.83	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	18.41	18.40	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	18.42	18.41	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up



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				502000	507000	512000	
20MHz	DFT-s-OFDM QPSK	1	1	18.48	18.28	18.38	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	18.33	18.33	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	18.45	18.33	18.45	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	18.34	18.26	18.21	19.50



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N7 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.89	17.92	17.83	19.00
		1	108	17.78	18.00	17.96	19.00
		1	214	17.83	17.81	17.93	19.00
		108	0	17.28	17.18	17.37	18.50
		108	54	17.84	17.76	17.74	19.00
		108	108	17.43	17.29	17.27	18.50
		216	0	17.36	17.22	17.30	18.50
	DFT-s-OFDM QPSK	1	1	17.91	17.95	17.94	19.00
		1	108	17.86	17.92	17.80	19.00
		1	214	17.81	17.79	17.84	19.00
		108	0	16.88	16.75	16.89	18.00
		108	54	17.82	17.88	17.89	19.00
		108	108	16.88	16.78	16.83	18.00
		216	0	16.82	16.75	16.85	18.00
	DFT-s-OFDM 16QAM	1	1	16.95	17.08	16.98	18.00
	DFT-s-OFDM 64QAM	1	1	15.54	15.56	15.45	16.50
	DFT-s-OFDM 256QAM	1	1	13.58	13.64	13.62	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	16.28	16.35	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	17.93	17.85	17.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	17.92	17.98	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	17.88	17.80	17.89	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	17.91	17.89	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	17.94	17.83	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	17.80	17.80	17.80	19.00



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N7 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	22.88	22.90	22.87	24.00
		1	108	22.83	22.99	22.91	24.00
		1	214	22.85	22.77	22.93	24.00
		108	0	22.27	22.19	22.36	23.50
		108	54	22.82	22.75	22.79	24.00
		108	108	22.40	22.30	22.25	23.50
		216	0	22.40	22.21	22.32	23.50
	DFT-s-OFDM QPSK	1	1	22.90	22.93	22.91	24.00
		1	108	22.88	22.89	22.82	24.00
		1	214	22.83	22.81	22.88	24.00
		108	0	21.87	21.79	21.90	23.00
		108	54	22.86	22.87	22.84	24.00
		108	108	21.86	21.80	21.78	23.00
		216	0	21.85	21.77	21.85	23.00
	DFT-s-OFDM 16QAM	1	1	21.98	22.06	21.98	23.00
	DFT-s-OFDM 64QAM	1	1	20.52	20.55	20.44	21.50
	DFT-s-OFDM 256QAM	1	1	18.62	18.66	18.65	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	21.30	21.35	21.35	22.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	22.88	22.85	22.75	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	22.94	22.93	22.78	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	22.93	22.75	22.87	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	22.88	22.86	22.74	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	22.92	22.80	22.91	24.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	22.85	22.75	22.76	24.00



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N7 DSI 8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
				2520	2535	2550	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.86	16.89	16.85	18.00
		1	108	16.85	17.02	16.93	18.00
		1	214	16.80	16.76	16.92	18.00
		108	0	16.24	16.19	16.39	17.50
		108	54	16.79	16.77	16.78	18.00
		108	108	16.39	16.33	16.27	17.50
		216	0	16.39	16.25	16.32	17.50
	DFT-s-OFDM QPSK	1	1	16.94	16.95	16.86	18.00
		1	108	16.89	16.91	16.77	18.00
		1	214	16.86	16.77	16.92	18.00
		108	0	15.82	15.84	15.94	17.00
		108	54	16.84	16.88	16.87	18.00
		108	108	15.82	15.84	15.73	17.00
		216	0	15.87	15.76	15.89	17.00
	DFT-s-OFDM 16QAM	1	1	16.02	16.05	16.01	17.00
	DFT-s-OFDM 64QAM	1	1	14.49	14.54	14.40	15.50
	DFT-s-OFDM 256QAM	1	1	12.65	12.62	12.65	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				504000	507000	510000	
40MHz	CP-OFDM QPSK	1	1	15.25	15.31	15.36	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				503000	507000	511000	
30MHz	DFT-s-OFDM QPSK	1	1	16.89	16.82	16.70	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502500	507000	511500	
25MHz	DFT-s-OFDM QPSK	1	1	16.97	16.93	16.81	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				502000	507000	512000	



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20MHz	DFT-s-OFDM QPSK	1	1	16.91	16.80	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501500	507000	512500	
15MHz	DFT-s-OFDM QPSK	1	1	16.93	16.86	16.78	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				501000	507000	513000	
10MHz	DFT-s-OFDM QPSK	1	1	16.95	16.75	16.92	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				500500	507000	513500	
5MHz	DFT-s-OFDM QPSK	1	1	16.85	16.74	16.73	18.00



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N38 DSI 2				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.42	18.31	18.42	19.50
		1	53	18.34	18.35	18.35	19.50
		1	104	18.47	18.36	18.41	19.50
		50	0	17.72	17.78	17.69	19.00
		50	28	18.13	18.34	18.33	19.50
		50	56	17.76	17.63	17.88	19.00
		100	0	17.75	17.90	17.69	19.00
	DFT-s-OFDM QPSK	1	1	18.33	18.36	18.37	19.50
		1	53	18.28	18.28	18.42	19.50
		1	104	18.41	18.45	18.49	19.50
		50	0	17.27	17.27	17.32	18.50
		50	28	18.19	18.24	18.29	19.50
		50	56	17.25	17.29	17.35	18.50
		100	0	17.30	17.29	17.20	18.50
	DFT-s-OFDM 16QAM	1	1	17.60	17.66	17.58	18.50
	DFT-s-OFDM 64QAM	1	1	16.10	16.16	16.14	17.00
	DFT-s-OFDM 256QAM	1	1	14.20	14.22	14.16	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.95	16.95	16.94	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	18.26	18.19	18.10	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	18.28	18.23	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	



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15MHz	DFT-s-OFDM QPSK	1	1	18.20	18.35	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	18.35	18.15	18.26	19.50



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N38 DSI 3				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.44	17.34	17.43	18.50
		1	53	17.31	17.29	17.33	18.50
		1	104	17.50	17.37	17.45	18.50
		50	0	16.75	16.83	16.70	18.00
		50	28	17.16	17.26	17.32	18.50
		50	56	16.66	16.67	16.83	18.00
		100	0	16.75	16.83	16.61	18.00
	DFT-s-OFDM QPSK	1	1	17.38	17.34	17.40	18.50
		1	53	17.28	17.30	17.37	18.50
		1	104	17.38	17.42	17.47	18.50
		50	0	16.24	16.26	16.29	17.50
		50	28	17.21	17.30	17.22	18.50
		50	56	16.27	16.28	16.32	17.50
		100	0	16.31	16.28	16.26	17.50
	DFT-s-OFDM 16QAM	1	1	16.66	16.70	16.58	17.50
	DFT-s-OFDM 64QAM	1	1	15.13	15.18	15.19	16.00
	DFT-s-OFDM 256QAM	1	1	13.16	13.26	13.19	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	3	16.03	16.00	15.96	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.24	17.19	17.19	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.30	17.18	17.22	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	



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15MHz	DFT-s-OFDM QPSK	1	1	17.14	17.32	17.32	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.32	17.12	17.18	18.50



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N38 DSI 4				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.91	23.82	23.89	25.00
		1	53	23.79	23.83	23.87	25.00
		1	104	23.96	23.87	23.92	25.00
		50	0	23.22	23.31	23.22	24.50
		50	28	23.64	23.79	23.83	25.00
		50	56	23.21	23.15	23.33	24.50
		100	0	23.25	23.38	23.15	24.50
	DFT-s-OFDM QPSK	1	1	23.85	23.86	23.90	25.00
		1	53	23.75	23.79	23.87	25.00
		1	104	23.91	23.93	23.96	25.00
		50	0	22.73	22.74	22.79	24.00
		50	28	23.71	23.76	23.74	25.00
		50	56	22.78	22.75	22.83	24.00
		100	0	22.77	22.81	22.72	24.00
	DFT-s-OFDM 16QAM	1	1	23.13	23.15	23.12	24.00
	DFT-s-OFDM 64QAM	1	1	21.62	21.65	21.67	22.50
	DFT-s-OFDM 256QAM	1	1	19.66	19.72	19.70	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	22.48	22.45	22.48	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	23.75	23.72	23.64	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	23.80	23.72	23.74	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	



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15MHz	DFT-s-OFDM QPSK	1	1	23.66	23.84	23.81	25.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	23.81	23.66	23.72	25.00



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N38 DSI 5				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.92	17.81	17.94	19.00
		1	53	17.80	17.80	17.86	19.00
		1	104	17.97	17.85	17.92	19.00
		50	0	17.18	17.30	17.26	18.50
		50	28	17.60	17.74	17.85	19.00
		50	56	17.19	17.16	17.32	18.50
		100	0	17.21	17.43	17.17	18.50
	DFT-s-OFDM QPSK	1	1	17.80	17.81	17.91	19.00
		1	53	17.73	17.81	17.85	19.00
		1	104	17.91	17.96	17.92	19.00
		50	0	16.76	16.70	16.79	18.00
		50	28	17.71	17.78	17.69	19.00
		50	56	16.82	16.75	16.88	18.00
		100	0	16.72	16.82	16.77	18.00
	DFT-s-OFDM 16QAM	1	1	17.14	17.17	17.10	18.00
	DFT-s-OFDM 64QAM	1	1	15.64	15.69	15.70	16.50
	DFT-s-OFDM 256QAM	1	1	13.68	13.69	13.74	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	16.47	16.40	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	17.78	17.77	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	17.83	17.71	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	



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15MHz	DFT-s-OFDM QPSK	1	1	17.68	17.80	17.84	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	17.77	17.70	17.69	19.00



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N38 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
				2590	2595	2600	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	16.86	16.79	16.93	18.00
		1	53	16.74	16.79	16.91	18.00
		1	104	17.01	16.85	16.97	18.00
		50	0	16.26	16.35	16.24	17.50
		50	28	16.67	16.82	16.87	18.00
		50	56	16.21	16.15	16.35	17.50
		100	0	16.28	16.42	16.16	17.50
	DFT-s-OFDM QPSK	1	1	16.90	16.89	16.92	18.00
		1	53	16.78	16.81	16.91	18.00
		1	104	16.89	16.92	16.98	18.00
		50	0	15.73	15.77	15.83	17.00
		50	28	16.76	16.72	16.69	18.00
		50	56	15.81	15.80	15.86	17.00
		100	0	15.74	15.84	15.74	17.00
	DFT-s-OFDM 16QAM	1	1	16.10	16.11	16.09	17.00
	DFT-s-OFDM 64QAM	1	1	14.62	14.69	14.70	15.50
	DFT-s-OFDM 256QAM	1	1	12.61	12.71	12.72	13.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				518000	519000	520000	
40MHz	CP-OFDM QPSK	1	1	15.53	15.40	15.49	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				517000	519000	521000	
30MHz	DFT-s-OFDM QPSK	1	1	16.72	16.68	16.61	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				516000	519000	522000	
20MHz	DFT-s-OFDM QPSK	1	1	16.78	16.77	16.71	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515500	519000	522500	



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15MHz	DFT-s-OFDM QPSK	1	1	16.69	16.88	16.77	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				515000	519000	523000	
10MHz	DFT-s-OFDM QPSK	1	1	16.81	16.62	16.71	18.00



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N41 PC2 DSI 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	DFT-s-OFDM PI/2 BPSK	1	1	18.21	18.27	18.24	18.50	18.30	19.50
		1	137	18.42	18.50	18.31	18.33	18.43	19.50
		1	271	18.35	18.43	18.33	18.37	18.18	19.50
		135	0	14.93	14.96	15.04	14.84	14.99	16.00
		135	69	18.34	18.40	18.21	18.27	18.23	19.50
		135	138	14.83	14.94	14.89	14.72	14.62	16.00
		270	0	17.88	17.74	17.88	17.63	17.78	19.00
	DFT-s-OFDM QPSK	1	1	18.23	18.38	18.38	18.41	18.37	19.50
		1	137	18.43	18.42	18.35	18.38	18.35	19.50
		1	271	18.51	18.38	18.34	18.25	18.24	19.50
		135	0	15.04	15.01	15.04	14.92	14.92	16.00
		135	69	18.34	18.36	18.28	18.27	18.23	19.50
		135	138	14.98	14.90	14.95	14.80	14.64	16.00
		270	0	17.31	17.23	17.30	17.24	17.20	18.50
	DFT-s-OFDM 16QAM	1	1	17.37	17.39	17.37	17.59	17.46	18.50
	DFT-s-OFDM 64QAM	1	1	15.81	15.87	15.83	16.02	15.90	17.00
	DFT-s-OFDM 256QAM	1	1	14.01	14.05	14.03	14.20	14.09	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.78	16.83	16.89	16.84	16.85	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.30	18.38	18.31	18.23	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.26	18.33	18.39	18.23	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	18.18	18.49	18.28	18.40	18.29	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.31	18.48	18.24	18.30	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.19	18.35	18.43	18.33	18.28	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.43	18.32	18.29	18.37	18.36	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.35	18.40	18.26	18.18	18.22	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.31	18.50	18.16	18.33	18.20	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	18.31	18.37	18.23	18.18	18.29	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	18.43	18.35	18.22	18.18	18.24	19.50



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N41 PC2 DSI 3/5				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	DFT-s-OFDM PI/2 BPSK	1	1	17.71	17.75	17.79	18.03	17.74	19.00
		1	137	17.98	17.96	17.80	17.84	17.88	19.00
		1	271	17.90	17.84	17.84	17.82	17.65	19.00
		135	0	14.43	14.51	14.52	14.40	14.49	15.50
		135	69	17.89	17.84	17.75	17.76	17.74	19.00
		135	138	14.39	14.42	14.35	14.22	14.17	15.50
		270	0	17.34	17.27	17.37	17.10	17.33	18.50
	DFT-s-OFDM QPSK	1	1	17.80	17.83	17.86	17.90	17.79	19.00
		1	137	17.91	17.87	17.88	17.85	17.82	19.00
		1	271	17.94	17.86	17.82	17.77	17.75	19.00
		135	0	14.47	14.53	14.51	14.46	14.43	15.50
		135	69	17.84	17.83	17.80	17.76	17.76	19.00
		135	138	14.46	14.47	14.41	14.32	14.17	15.50
		270	0	16.80	16.73	16.76	16.75	16.76	18.00
	DFT-s-OFDM 16QAM	1	1	16.91	16.94	16.88	17.00	17.05	18.00
	DFT-s-OFDM 64QAM	1	1	15.39	15.36	15.30	15.47	15.47	16.50
	DFT-s-OFDM 256QAM	1	1	13.60	13.59	13.52	13.70	13.68	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.29	16.31	16.31	16.43	16.39	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.78	17.81	17.78	17.77	17.72	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.71	17.91	17.86	17.70	17.85	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	17.75	17.93	17.86	17.82	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.79	17.99	17.67	17.76	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.79	17.91	17.92	17.85	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.94	17.84	17.85	17.92	17.87	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.84	17.93	17.75	17.74	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.80	17.98	17.69	17.84	17.64	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	17.78	17.86	17.76	17.75	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	17.90	17.87	17.75	17.78	17.77	19.00



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N41 PC2 DSI 4				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	DFT-s-OFDM PI/2 BPSK	1	1	23.17	23.29	23.28	23.48	23.25	24.50
		1	137	23.43	23.51	23.35	23.33	23.42	24.50
		1	271	23.37	23.39	23.31	23.36	23.20	24.50
		135	0	19.94	20.00	20.03	19.85	19.99	21.00
		135	69	23.38	23.36	23.24	23.22	23.28	24.50
		135	138	19.88	19.95	19.88	19.68	19.66	21.00
		270	0	22.83	22.76	22.83	22.65	22.83	24.00
	DFT-s-OFDM QPSK	1	1	23.27	23.34	23.35	23.45	23.34	24.50
		1	137	23.38	23.41	23.40	23.38	23.35	24.50
		1	271	23.52	23.35	23.32	23.29	23.27	24.50
		135	0	19.99	19.98	20.03	19.95	19.95	21.00
		135	69	23.33	23.36	23.30	23.30	23.27	24.50
		135	138	19.95	19.94	19.90	19.78	19.69	21.00
		270	0	22.29	22.27	22.26	22.24	22.25	23.50
	DFT-s-OFDM 16QAM	1	1	22.37	22.43	22.42	22.54	22.50	23.50
	DFT-s-OFDM 64QAM	1	1	20.85	20.91	20.85	21.00	20.95	22.00
	DFT-s-OFDM 256QAM	1	1	19.06	19.10	19.05	19.16	19.13	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	21.82	21.82	21.86	21.88	21.85	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	23.26	23.36	23.27	23.25	23.24	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	23.23	23.37	23.35	23.21	23.34	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	23.23	23.45	23.33	23.37	23.28	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	23.29	23.44	23.21	23.27	23.25	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	23.24	23.37	23.39	23.31	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	23.41	23.36	23.30	23.37	23.35	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	23.33	23.39	23.28	23.20	23.20	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	23.27	23.45	23.20	23.37	23.18	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	23.31	23.41	23.23	23.23	23.32	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	23.38	23.38	23.25	23.23	23.25	24.50



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N41 PC2 DSI 8/9/10				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	DFT-s-OFDM PI/2 BPSK	1	1	16.12	16.27	16.27	16.43	16.25	17.50
		1	137	16.44	16.51	16.38	16.32	16.37	17.50
		1	271	16.39	16.41	16.29	16.37	16.18	17.50
		135	0	12.91	12.97	13.06	12.81	13.00	14.00
		135	69	16.40	16.34	16.19	16.27	16.23	17.50
		135	138	12.89	12.91	12.86	12.64	12.66	14.00
		270	0	15.88	15.81	15.79	15.63	15.78	17.00
	DFT-s-OFDM QPSK	1	1	16.27	16.31	16.40	16.41	16.33	17.50
		1	137	16.36	16.39	16.43	16.42	16.37	17.50
		1	271	16.48	16.38	16.30	16.29	16.29	17.50
		135	0	12.96	12.94	13.08	12.97	12.97	14.00
		135	69	16.38	16.35	16.25	16.29	16.26	17.50
		135	138	12.98	12.95	12.88	12.75	12.66	14.00
		270	0	15.32	15.24	15.27	15.22	15.23	16.50
	DFT-s-OFDM 16QAM	1	1	15.32	15.40	15.43	15.53	15.49	16.50
	DFT-s-OFDM 64QAM	1	1	13.86	13.95	13.83	13.96	13.96	15.00
	DFT-s-OFDM 256QAM	1	1	12.10	12.11	12.00	12.12	12.08	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.78	14.78	14.81	14.86	14.84	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.22	16.36	16.22	16.26	16.20	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.19	16.38	16.32	16.26	16.31	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	16.26	16.40	16.34	16.33	16.32	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.32	16.43	16.21	16.27	16.21	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.28	16.40	16.43	16.36	16.19	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.37	16.39	16.32	16.34	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.33	16.40	16.26	16.23	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.22	16.40	16.24	16.33	16.15	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	16.34	16.37	16.28	16.21	16.33	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.35	16.41	16.30	16.18	16.23	17.50



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N41 PC3 DSI 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	DFT-s-OFDM PI/2 BPSK	1	1	18.26	18.23	18.53	18.40	18.43	19.50
		1	137	18.48	18.32	18.42	18.26	18.40	19.50
		1	271	18.55	18.31	18.45	18.39	18.27	19.50
		135	0	17.81	17.76	17.74	17.76	17.76	19.00
		135	69	18.33	18.47	18.38	18.30	18.41	19.50
		135	138	17.78	17.74	17.77	17.67	17.75	19.00
		270	0	17.86	17.88	17.82	17.69	17.82	19.00
	DFT-s-OFDM QPSK	1	1	18.30	18.33	18.40	18.44	18.37	19.50
		1	137	18.43	18.36	18.43	18.38	18.41	19.50
		1	271	18.50	18.46	18.29	18.34	18.33	19.50
		135	0	17.30	17.35	17.37	17.32	17.26	18.50
		135	69	18.31	18.32	18.40	18.31	18.35	19.50
		135	138	17.27	17.33	17.22	17.29	17.23	18.50
		270	0	17.25	17.34	17.28	17.24	17.36	18.50
	DFT-s-OFDM 16QAM	1	1	17.48	17.41	17.48	17.53	17.53	18.50
	DFT-s-OFDM 64QAM	1	1	16.07	16.08	16.17	16.22	16.15	17.00
	DFT-s-OFDM 256QAM	1	1	14.07	14.11	14.21	14.14	14.20	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.78	16.72	16.87	16.87	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	18.35	18.38	18.35	18.35	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	18.44	18.35	18.43	18.27	18.40	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	18.40	18.25	18.32	18.21	18.48	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	18.28	18.40	18.40	18.31	18.31	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	18.29	18.36	18.52	18.34	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	18.30	18.38	18.47	18.31	18.21	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	18.32	18.38	18.41	18.40	18.26	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	18.29	18.37	18.54	18.40	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	18.37	18.24	18.44	18.35	18.30	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	18.30	18.33	18.47	18.25	18.36	19.50



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N41 PC3 DSI 3/5				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	DFT-s-OFDM PI/2 BPSK	1	1	17.76	17.73	18.02	17.88	17.94	19.00
		1	137	17.98	17.81	17.95	17.84	17.95	19.00
		1	271	18.05	17.83	17.91	17.88	17.74	19.00
		135	0	17.31	17.21	17.25	17.30	17.21	18.50
		135	69	17.85	17.93	17.89	17.79	17.93	19.00
		135	138	17.23	17.23	17.31	17.20	17.29	18.50
		270	0	17.37	17.39	17.29	17.24	17.32	18.50
	DFT-s-OFDM QPSK	1	1	17.82	17.78	17.87	17.95	17.84	19.00
		1	137	17.91	17.82	17.98	17.84	17.90	19.00
		1	271	17.97	17.91	17.82	17.80	17.79	19.00
		135	0	16.74	16.79	16.88	16.79	16.74	18.00
		135	69	17.86	17.86	17.92	17.85	17.91	19.00
		135	138	16.78	16.79	16.78	16.78	16.74	18.00
		270	0	16.84	16.88	16.77	16.79	16.90	18.00
	DFT-s-OFDM 16QAM	1	1	16.91	16.94	17.05	17.06	17.01	18.00
	DFT-s-OFDM 64QAM	1	1	15.63	15.60	15.67	15.73	15.73	16.50
	DFT-s-OFDM 256QAM	1	1	13.50	13.58	13.67	13.61	13.67	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	16.24	16.27	16.33	16.37	16.34	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	17.88	17.93	17.88	17.88	17.83	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	17.96	17.84	17.89	17.81	17.86	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	18.00	17.69	17.85	17.78	17.98	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	17.76	17.96	17.85	17.87	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	17.81	17.96	17.96	17.85	17.91	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	17.82	17.88	18.03	17.77	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	17.86	17.86	17.93	17.96	17.82	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	17.81	17.94	18.03	17.91	17.95	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	17.90	17.77	17.96	17.85	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	17.76	17.78	17.94	17.79	17.87	19.00



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N41 PC3 DSI 4				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	DFT-s-OFDM PI/2 BPSK	1	1	22.22	22.27	22.52	22.42	22.44	23.50
		1	137	22.45	22.35	22.42	22.29	22.40	23.50
		1	271	22.54	22.36	22.41	22.37	22.23	23.50
		135	0	21.79	21.72	21.76	21.77	21.75	23.00
		135	69	22.35	22.42	22.41	22.29	22.42	23.50
		135	138	21.77	21.73	21.81	21.71	21.74	23.00
		270	0	21.84	21.86	21.78	21.72	21.85	23.00
	DFT-s-OFDM QPSK	1	1	22.28	22.33	22.42	22.43	22.39	23.50
		1	137	22.39	22.35	22.47	22.33	22.40	23.50
		1	271	22.50	22.43	22.34	22.35	22.33	23.50
		135	0	21.26	21.31	21.35	21.30	21.27	22.50
		135	69	22.35	22.32	22.41	22.35	22.36	23.50
		135	138	21.31	21.28	21.25	21.24	21.21	22.50
		270	0	21.29	21.33	21.26	21.25	21.35	22.50
	DFT-s-OFDM 16QAM	1	1	21.44	21.42	21.51	21.55	21.54	22.50
	DFT-s-OFDM 64QAM	1	1	20.11	20.11	20.15	20.20	20.19	21.00
	DFT-s-OFDM 256QAM	1	1	18.05	18.07	18.16	18.15	18.15	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	20.75	20.75	20.85	20.90	20.86	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	22.38	22.42	22.40	22.34	22.33	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	22.41	22.37	22.39	22.28	22.37	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	22.45	22.22	22.35	22.26	22.45	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	22.27	22.42	22.38	22.33	22.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	22.33	22.41	22.50	22.33	22.40	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	22.28	22.37	22.49	22.27	22.26	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	22.33	22.35	22.40	22.42	22.30	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	22.32	22.39	22.51	22.38	22.43	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	22.35	22.28	22.48	22.30	22.27	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	22.25	22.30	22.47	22.28	22.33	23.50



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N41 PC3 DSI 8/9/10				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	DFT-s-OFDM PI/2 BPSK	1	1	16.27	16.27	16.48	16.41	16.40	17.50
		1	137	16.46	16.38	16.47	16.30	16.37	17.50
		1	271	16.59	16.35	16.46	16.41	16.23	17.50
		135	0	15.77	15.72	15.81	15.77	15.78	17.00
		135	69	16.37	16.44	16.44	16.29	16.46	17.50
		135	138	15.79	15.73	15.78	15.73	15.73	17.00
		270	0	15.83	15.82	15.79	15.76	15.81	17.00
	DFT-s-OFDM QPSK	1	1	16.26	16.37	16.42	16.48	16.36	17.50
		1	137	16.43	16.31	16.47	16.30	16.44	17.50
		1	271	16.51	16.39	16.33	16.35	16.31	17.50
		135	0	15.23	15.36	15.30	15.35	15.27	16.50
		135	69	16.40	16.36	16.41	16.33	16.39	17.50
		135	138	15.29	15.27	15.30	15.23	15.26	16.50
		270	0	15.34	15.32	15.21	15.29	15.35	16.50
	DFT-s-OFDM 16QAM	1	1	15.43	15.42	15.52	15.54	15.57	16.50
	DFT-s-OFDM 64QAM	1	1	14.13	14.13	14.17	14.20	14.21	15.00
	DFT-s-OFDM 256QAM	1	1	12.05	12.05	12.19	12.17	12.18	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				509202	513900	518598	523302	528000	
100MHz	CP-OFDM QPSK	1	1	14.76	14.79	14.87	14.91	14.83	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				508200	513402	518598	523800	528996	
90MHz	DFT-s-OFDM QPSK	1	1	16.42	16.43	16.38	16.33	16.38	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				507204	512904	518598	524298	529998	
80MHz	DFT-s-OFDM QPSK	1	1	16.40	16.40	16.38	16.28	16.39	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				506202	512403	518598	524799	530997	



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70MHz	DFT-s-OFDM QPSK	1	1	16.45	16.20	16.34	16.21	16.43	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				505200	511902	518598	525300	531996	
60MHz	DFT-s-OFDM QPSK	1	1	16.32	16.38	16.39	16.33	16.30	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				504204	511404	518598	525798	532998	
50MHz	DFT-s-OFDM QPSK	1	1	16.35	16.41	16.46	16.35	16.35	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				503202	510900	518598	526302	534000	
40MHz	DFT-s-OFDM QPSK	1	1	16.23	16.37	16.45	16.27	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				502200	510402	518598	526800	534996	
30MHz	DFT-s-OFDM QPSK	1	1	16.38	16.31	16.43	16.38	16.25	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				501204	509904	518598	527298	535998	
20MHz	DFT-s-OFDM QPSK	1	1	16.32	16.43	16.48	16.43	16.44	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				500202	509403	518598	527799	537000	
15MHz	DFT-s-OFDM QPSK	1	1	16.30	16.28	16.50	16.25	16.24	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				499200	508902	518598	528300	538002	
10MHz	DFT-s-OFDM QPSK	1	1	16.22	16.28	16.43	16.27	16.35	17.50



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N66 DSI 2				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	18.32	18.37	18.45	19.50
		1	108	18.38	18.39	18.35	19.50
		1	214	18.33	18.25	18.39	19.50
		108	0	17.94	18.08	18.03	19.00
		108	54	18.43	18.42	18.43	19.50
		108	108	17.77	18.10	17.96	19.00
		216	0	17.89	17.98	17.95	19.00
	DFT-s-OFDM QPSK	1	1	18.28	18.39	18.47	19.50
		1	108	18.38	18.38	18.34	19.50
		1	214	18.34	18.30	18.30	19.50
		108	0	17.40	17.60	17.48	18.50
		108	54	18.34	18.45	18.40	19.50
		108	108	17.40	17.48	17.40	18.50
		216	0	17.38	17.39	17.41	18.50
	DFT-s-OFDM 16QAM	1	1	17.52	17.48	17.58	18.50
	DFT-s-OFDM 64QAM	1	1	15.97	16.03	16.11	17.00
	DFT-s-OFDM 256QAM	1	1	14.22	14.16	14.30	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	16.77	16.86	16.90	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	18.30	18.40	18.53	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	18.30	18.44	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	18.27	18.37	18.32	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	18.45	18.50	18.33	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	18.35	18.49	18.37	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	18.27	18.40	18.47	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	18.28	18.53	18.55	19.50



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N66 DSI 3				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	17.29	17.43	17.55	18.50
		1	108	17.38	17.39	17.37	18.50
		1	214	17.29	17.29	17.39	18.50
		108	0	16.91	17.06	17.10	18.00
		108	54	17.41	17.43	17.37	18.50
		108	108	16.85	17.04	16.96	18.00
		216	0	16.83	16.89	16.87	18.00
	DFT-s-OFDM QPSK	1	1	17.34	17.37	17.50	18.50
		1	108	17.41	17.33	17.29	18.50
		1	214	17.39	17.35	17.36	18.50
		108	0	16.37	16.57	16.47	17.50
		108	54	17.35	17.46	17.42	18.50
		108	108	16.35	16.47	16.40	17.50
		216	0	16.41	16.43	16.49	17.50
	DFT-s-OFDM 16QAM	1	1	16.43	16.41	16.52	17.50
	DFT-s-OFDM 64QAM	1	1	15.02	14.97	15.03	16.00
	DFT-s-OFDM 256QAM	1	1	13.18	13.24	13.26	14.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	15.85	15.83	15.92	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	17.36	17.35	17.56	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	17.27	17.41	17.45	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	17.23	17.37	17.40	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	17.44	17.48	17.33	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	17.37	17.45	17.38	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	17.27	17.47	17.49	18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	17.30	17.54	17.55	18.50



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N66 DSI 4				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	23.33	23.40	23.50	24.50
		1	108	23.33	23.42	23.39	24.50
		1	214	23.28	23.25	23.41	24.50
		108	0	22.91	23.08	23.05	24.00
		108	54	23.40	23.42	23.41	24.50
		108	108	22.81	23.05	22.97	24.00
		216	0	22.87	22.93	22.90	24.00
	DFT-s-OFDM QPSK	1	1	23.30	23.40	23.46	24.50
		1	108	23.40	23.33	23.31	24.50
		1	214	23.34	23.34	23.34	24.50
		108	0	22.36	22.55	22.50	23.50
		108	54	23.35	23.42	23.44	24.50
		108	108	22.38	22.45	22.41	23.50
		216	0	22.43	22.40	22.46	23.50
	DFT-s-OFDM 16QAM	1	1	22.47	22.46	22.55	23.50
	DFT-s-OFDM 64QAM	1	1	20.99	21.00	21.08	22.00
	DFT-s-OFDM 256QAM	1	1	19.18	19.19	19.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	21.82	21.81	21.92	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	23.34	23.35	23.54	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	23.25	23.45	23.46	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	23.28	23.39	23.35	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	23.45	23.47	23.38	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	23.39	23.50	23.37	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	23.28	23.44	23.45	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	23.30	23.51	23.53	24.50



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N66 DSI 5				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	20.87	20.95	20.98	22.00
		1	108	20.88	20.88	20.88	22.00
		1	214	20.76	20.75	20.87	22.00
		108	0	20.36	20.60	20.56	21.50
		108	54	20.94	20.96	20.90	22.00
		108	108	20.27	20.51	20.47	21.50
		216	0	20.38	20.45	20.45	21.50
	DFT-s-OFDM QPSK	1	1	20.83	20.85	20.90	22.00
		1	108	20.89	20.86	20.94	22.00
		1	214	20.87	20.82	20.83	22.00
		108	0	19.87	20.02	20.02	21.00
		108	54	20.90	20.90	20.97	22.00
		108	108	19.92	19.91	19.87	21.00
		216	0	19.90	19.91	19.96	21.00
	DFT-s-OFDM 16QAM	1	1	19.97	19.92	20.05	21.00
	DFT-s-OFDM 64QAM	1	1	18.46	18.51	18.54	19.50
	DFT-s-OFDM 256QAM	1	1	16.66	16.70	16.73	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
40MHz	CP-OFDM QPSK	1	1	19.30	19.29	19.47	20.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	20.84	20.80	21.03	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	20.78	20.96	20.93	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	20.82	20.93	20.82	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.90	21.01	20.92	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	20.91	21.05	20.92	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	20.77	20.94	20.91	22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	20.82	20.98	21.08	22.00



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N66 DSI 8/9/10				Conducted Power(dBm)			
SCS 15kHz							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				346000	349000	352000	
				1730	1745	1760	
40MHz	DFT-s-OFDM PI/2 BPSK	1	1	19.88	19.89	20.02	21.00
		1	108	19.88	19.92	19.91	21.00
		1	214	19.80	19.76	19.95	21.00
		108	0	19.45	19.53	19.54	20.50
		108	54	19.87	19.88	19.88	21.00
		108	108	19.27	19.59	19.44	20.50
		216	0	19.37	19.47	19.35	20.50
	DFT-s-OFDM QPSK	1	1	19.82	19.94	19.98	21.00
		1	108	19.88	19.88	19.76	21.00
		1	214	19.89	19.84	19.84	21.00
		108	0	18.90	19.05	18.98	20.00
		108	54	19.81	19.90	19.90	21.00
		108	108	18.91	18.91	18.88	20.00
		216	0	18.93	18.85	18.97	20.00
	DFT-s-OFDM 16QAM	1	1	19.01	18.99	19.00	20.00
	DFT-s-OFDM 64QAM	1	1	17.54	17.53	17.62	18.50
	DFT-s-OFDM 256QAM	1	1	15.68	15.72	15.72	16.50
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
346000					349000	352000	
40MHz	CP-OFDM QPSK	1	1	18.34	18.30	18.43	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345500	349000	352500	
35MHz	DFT-s-OFDM QPSK	1	1	19.81	19.84	20.02	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				345000	349000	353000	
30MHz	DFT-s-OFDM QPSK	1	1	19.79	19.95	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344500	349000	353500	



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25MHz	DFT-s-OFDM QPSK	1	1	19.80	19.84	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				344000	349000	354000	
20MHz	DFT-s-OFDM QPSK	1	1	20.00	20.00	19.92	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343500	349000	354500	
15MHz	DFT-s-OFDM QPSK	1	1	19.91	19.99	19.87	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				343000	349000	355000	
10MHz	DFT-s-OFDM QPSK	1	1	19.78	19.95	20.00	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				342500	349000	355500	
5MHz	DFT-s-OFDM QPSK	1	1	19.76	20.03	20.07	21.00



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N77 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.83	/	17.00
		1	137	/	15.72	/	17.00
		1	271	/	15.60	/	17.00
		135	0	/	15.32	/	16.50
		135	69	/	15.69	/	17.00
		135	138	/	15.12	/	16.50
		270	0	/	15.14	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.91	/	17.00
		1	137	/	15.77	/	17.00
		1	271	/	15.70	/	17.00
		135	0	/	14.78	/	16.00
		135	69	/	16.03	/	17.00
		135	138	/	14.59	/	16.00
		270	0	/	14.71	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.91	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.34	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.34	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	14.20	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.74	15.67	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.66	15.71	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.82	15.65	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.64	15.72	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.80	15.75	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.62	15.63	15.74	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.81	15.54	15.66	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.76	15.72	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.74	15.66	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.59	15.59	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.64	15.62	15.86	17.00



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N77 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.37	/	16.50
		1	137	/	15.28	/	16.50
		1	271	/	15.10	/	16.50
		135	0	/	14.80	/	16.00
		135	69	/	15.18	/	16.50
		135	138	/	14.56	/	16.00
		270	0	/	14.72	/	16.00
	DFT-s-OFDM QPSK	1	1	/	15.43	/	16.50
		1	137	/	15.30	/	16.50
		1	271	/	15.13	/	16.50
		135	0	/	14.32	/	15.50
		135	69	/	15.33	/	16.50
		135	138	/	14.16	/	15.50
		270	0	/	14.20	/	15.50
	DFT-s-OFDM 16QAM	1	1	/	14.40	/	15.50
	DFT-s-OFDM 64QAM	1	1	/	12.80	/	14.00
	DFT-s-OFDM 256QAM	1	1	/	10.84	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	13.69	/	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.17	15.21	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.19	15.22	15.17	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.34	15.13	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.16	15.22	15.29	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.28	15.22	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.16	15.11	15.24	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.34	15.04	15.18	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.24	15.16	15.25	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.18	15.24	15.22	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.17	15.06	15.23	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.07	15.18	15.30	16.50



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N77 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	23.37	/	24.50
		1	137	/	23.27	/	24.50
		1	271	/	23.07	/	24.50
		135	0	/	22.85	/	24.00
		135	69	/	23.16	/	24.50
		135	138	/	22.60	/	24.00
		270	0	/	22.69	/	24.00
	DFT-s-OFDM QPSK	1	1	/	23.38	/	24.50
		1	137	/	23.30	/	24.50
		1	271	/	23.17	/	24.50
		135	0	/	22.27	/	23.50
		135	69	/	23.35	/	24.50
		135	138	/	22.12	/	23.50
		270	0	/	22.16	/	23.50
	DFT-s-OFDM 16QAM	1	1	/	22.41	/	23.50
	DFT-s-OFDM 64QAM	1	1	/	20.83	/	22.00
	DFT-s-OFDM 256QAM	1	1	/	18.82	/	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	21.68	/	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	23.21	23.17	23.23	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	23.21	23.20	23.13	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	23.30	23.17	23.17	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	23.12	23.21	23.31	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	23.26	23.21	23.21	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	23.17	23.12	23.27	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	23.31	23.09	23.14	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	23.28	23.20	23.21	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	23.20	23.20	23.27	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	23.14	23.09	23.22	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	23.12	23.17	23.33	24.50



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N77 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	19.84	/	21.00
		1	137	/	19.74	/	21.00
		1	271	/	19.53	/	21.00
		135	0	/	19.34	/	20.50
		135	69	/	19.65	/	21.00
		135	138	/	19.15	/	20.50
		270	0	/	19.19	/	20.50
	DFT-s-OFDM QPSK	1	1	/	19.89	/	21.00
		1	137	/	19.81	/	21.00
		1	271	/	19.62	/	21.00
		135	0	/	18.77	/	20.00
		135	69	/	19.83	/	21.00
		135	138	/	18.63	/	20.00
		270	0	/	18.63	/	20.00
	DFT-s-OFDM 16QAM	1	1	/	18.94	/	20.00
	DFT-s-OFDM 64QAM	1	1	/	17.33	/	18.50
	DFT-s-OFDM 256QAM	1	1	/	15.34	/	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	18.19	/	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	19.74	19.71	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	19.70	19.67	19.59	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	19.75	19.67	19.70	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	19.62	19.72	19.85	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	19.77	19.71	19.75	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	19.69	19.57	19.78	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	19.84	19.54	19.67	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	19.75	19.67	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	19.70	19.73	19.82	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	19.69	19.62	19.71	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	19.64	19.72	19.86	21.00



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N77 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	17.89	/	19.00
		1	137	/	17.82	/	19.00
		1	271	/	17.61	/	19.00
		135	0	/	17.40	/	18.50
		135	69	/	17.65	/	19.00
		135	138	/	17.05	/	18.50
		270	0	/	17.24	/	18.50
	DFT-s-OFDM QPSK	1	1	/	17.85	/	19.00
		1	137	/	17.80	/	19.00
		1	271	/	17.68	/	19.00
		135	0	/	16.72	/	18.00
		135	69	/	17.89	/	19.00
		135	138	/	16.60	/	18.00
		270	0	/	16.69	/	18.00
	DFT-s-OFDM 16QAM	1	1	/	16.91	/	18.00
	DFT-s-OFDM 64QAM	1	1	/	15.36	/	16.50
	DFT-s-OFDM 256QAM	1	1	/	13.27	/	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1	/	16.20	/	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	17.72	17.67	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	17.71	17.66	17.61	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	17.75	17.67	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	17.66	17.69	17.77	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	17.80	17.69	17.74	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	17.70	17.59	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	17.86	17.58	17.67	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	17.74	17.66	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	17.68	17.69	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	17.59	17.63	17.73	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	17.63	17.64	17.83	19.00



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N77 PC3 DSI 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	DFT-s-OFDM PI/2 BPSK	1	1	15.69	15.77	15.69	15.95	16.11	16.08	17.00
		1	137	15.51	15.72	16.02	16.08	16.15	15.93	17.00
		1	271	15.43	16.07	16.03	16.05	15.88	15.99	17.00
		135	0	14.92	15.00	15.19	15.56	15.43	15.38	16.50
		135	69	15.51	15.52	15.75	16.01	15.77	15.71	17.00
		135	138	14.81	15.19	15.30	15.53	15.14	15.24	16.50
		270	0	15.09	15.08	15.20	15.38	15.30	15.26	16.50
	DFT-s-OFDM QPSK	1	1	15.97	15.96	15.96	16.10	16.29	16.23	17.00
		1	137	15.80	15.85	16.26	16.38	16.24	16.07	17.00
		1	271	15.63	16.31	16.31	16.16	16.01	16.10	17.00
		135	0	14.66	14.71	14.83	15.13	15.10	15.06	16.00
		135	69	15.64	15.81	16.03	16.14	16.03	15.90	17.00
		135	138	14.57	14.92	15.04	15.13	14.94	14.79	16.00
		270	0	14.72	14.82	15.02	15.06	15.07	14.90	16.00
	DFT-s-OFDM 16QAM	1	1	14.67	14.71	14.61	14.90	15.11	15.07	16.00
	DFT-s-OFDM 64QAM	1	1	13.25	13.24	13.18	13.38	13.68	13.48	14.50
	DFT-s-OFDM 256QAM	1	1	11.23	11.22	11.15	11.34	11.62	11.57	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	14.20	14.15	13.98	14.26	14.43	14.43	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	15.31	15.68	15.99	15.97	15.79	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	15.34	15.60	15.90	16.00	15.76	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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70MHz	DFT-s-OFDM QPSK	1	1	15.39	15.57	15.73	16.03	15.75	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	15.51	15.53	15.74	16.01	15.85	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	15.31	15.53	15.89	15.99	15.92	15.80	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	15.37	15.51	15.82	16.02	15.72	15.67	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	15.41	15.57	15.72	16.00	15.79	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	15.45	15.72	15.87	15.91	15.80	15.72	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	15.42	15.75	15.78	16.04	15.82	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	15.44	15.58	15.79	15.87	15.77	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	15.41	15.64	15.72	16.09	15.68	15.63	17.00



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N77 PC3 DSI 3					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	DFT-s-OFDM PI/2 BPSK	1	1	15.20	15.22	15.19	15.41	15.63	15.55	16.50
		1	137	15.01	15.22	15.53	15.65	15.61	15.48	16.50
		1	271	14.86	15.60	15.60	15.54	15.33	15.45	16.50
		135	0	14.47	14.51	14.69	14.99	14.89	14.89	16.00
		135	69	14.97	15.07	15.21	15.51	15.22	15.27	16.50
		135	138	14.25	14.68	14.83	14.97	14.64	14.66	16.00
		270	0	14.59	14.52	14.66	14.88	14.75	14.78	16.00
	DFT-s-OFDM QPSK	1	1	15.31	15.36	15.28	15.48	15.72	15.65	16.50
		1	137	15.22	15.28	15.61	15.79	15.66	15.52	16.50
		1	271	15.00	15.72	15.79	15.52	15.39	15.54	16.50
		135	0	14.10	14.13	14.24	14.55	14.51	14.45	15.50
		135	69	14.99	15.16	15.43	15.61	15.39	15.24	16.50
		135	138	13.92	14.29	14.51	14.48	14.25	14.23	15.50
		270	0	14.10	14.18	14.42	14.46	14.41	14.34	15.50
	DFT-s-OFDM 16QAM	1	1	14.20	14.23	14.16	14.42	14.65	14.57	15.50
	DFT-s-OFDM 64QAM	1	1	12.75	12.76	12.63	12.87	13.12	12.97	14.00
	DFT-s-OFDM 256QAM	1	1	10.76	10.71	10.64	10.92	11.16	11.09	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	13.70	13.56	13.54	13.75	14.02	13.92	15.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	14.88	15.22	15.41	15.42	15.39	15.28	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	14.80	15.17	15.40	15.53	15.28	15.12	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	14.90	15.06	15.32	15.49	15.32	15.27	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	15.05	15.03	15.29	15.55	15.40	15.20	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	14.83	15.00	15.44	15.44	15.42	15.26	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	14.89	15.06	15.36	15.49	15.16	15.15	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	14.94	15.02	15.30	15.42	15.29	15.09	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	14.89	15.21	15.42	15.48	15.40	15.30	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	14.91	15.21	15.29	15.49	15.41	15.13	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	14.99	15.11	15.37	15.43	15.33	15.20	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	14.85	15.20	15.28	15.56	15.22	15.09	16.50



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N77 PC3 DSI 4					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	DFT-s-OFDM PI/2 BPSK	1	1	23.22	23.23	23.17	23.45	23.64	23.56	24.50
		1	137	23.00	23.21	23.56	23.66	23.64	23.43	24.50
		1	271	22.88	23.58	23.56	23.52	23.38	23.50	24.50
		135	0	22.46	22.55	22.74	23.04	22.93	22.87	24.00
		135	69	23.00	23.07	23.26	23.49	23.22	23.24	24.50
		135	138	22.28	22.72	22.85	22.99	22.67	22.70	24.00
		270	0	22.54	22.56	22.71	22.86	22.76	22.77	24.00
	DFT-s-OFDM QPSK	1	1	23.33	23.32	23.33	23.50	23.72	23.66	24.50
		1	137	23.20	23.30	23.61	23.80	23.64	23.48	24.50
		1	271	23.05	23.70	23.76	23.55	23.39	23.51	24.50
		135	0	22.11	22.16	22.27	22.57	22.51	22.44	23.50
		135	69	23.03	23.21	23.45	23.59	23.41	23.27	24.50
		135	138	21.93	22.32	22.48	22.52	22.30	22.24	23.50
		270	0	22.08	22.19	22.41	22.48	22.42	22.31	23.50
	DFT-s-OFDM 16QAM	1	1	22.21	22.26	22.15	22.39	22.62	22.62	23.50
	DFT-s-OFDM 64QAM	1	1	20.72	20.76	20.66	20.90	21.16	20.96	22.00
	DFT-s-OFDM 256QAM	1	1	18.72	18.71	18.67	18.87	19.14	19.08	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	21.66	21.60	21.53	21.76	21.98	21.94	23.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	22.85	23.18	23.45	23.44	23.34	23.26	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	22.84	23.15	23.37	23.50	23.23	23.15	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	22.87	23.02	23.27	23.49	23.30	23.25	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	23.01	23.05	23.25	23.54	23.37	23.15	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	22.86	23.01	23.44	23.45	23.38	23.26	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	22.91	23.04	23.34	23.54	23.21	23.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	22.96	23.04	23.27	23.45	23.28	23.08	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	22.93	23.21	23.38	23.44	23.35	23.26	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	22.91	23.21	23.27	23.52	23.37	23.09	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	22.98	23.13	23.33	23.40	23.31	23.16	24.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	22.87	23.19	23.25	23.55	23.22	23.08	24.50



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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	DFT-s-OFDM PI/2 BPSK	1	1	19.67	19.71	19.70	19.92	20.10	20.10	21.00
		1	137	19.47	19.70	20.02	20.16	20.13	19.95	21.00
		1	271	19.35	20.08	20.10	20.05	19.86	20.01	21.00
		135	0	18.98	19.08	19.28	19.49	19.44	19.34	20.50
		135	69	19.49	19.58	19.79	20.04	19.68	19.70	21.00
		135	138	18.78	19.27	19.33	19.49	19.19	19.22	20.50
		270	0	19.01	19.01	19.25	19.40	19.26	19.24	20.50
	DFT-s-OFDM QPSK	1	1	19.86	19.87	19.84	20.00	20.17	20.20	21.00
		1	137	19.68	19.81	20.06	20.27	20.19	20.00	21.00
		1	271	19.51	20.25	20.24	20.05	19.92	20.03	21.00
		135	0	18.61	18.66	18.77	19.04	19.04	18.91	20.00
		135	69	19.56	19.66	19.90	20.14	19.95	19.81	21.00
		135	138	18.43	18.86	18.99	18.98	18.79	18.78	20.00
		270	0	18.53	18.68	18.95	18.96	18.87	18.81	20.00
	DFT-s-OFDM 16QAM	1	1	18.72	18.78	18.68	18.94	19.16	19.17	20.00
	DFT-s-OFDM 64QAM	1	1	17.26	17.21	17.15	17.39	17.63	17.48	18.50
	DFT-s-OFDM 256QAM	1	1	15.18	15.24	15.22	15.36	15.62	15.61	16.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
100MHz	CP-OFDM QPSK	1	1	18.11	18.07	18.02	18.24	18.51	18.39	19.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
90MHz	DFT-s-OFDM QPSK	1	1	19.36	19.68	19.94	19.89	19.89	19.72	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
80MHz	DFT-s-OFDM QPSK	1	1	19.33	19.70	19.90	20.00	19.78	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up



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70MHz	DFT-s-OFDM QPSK	1	1	19.42	19.50	19.79	19.96	19.84	19.79	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	19.52	19.54	19.73	19.99	19.89	19.69	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	19.36	19.52	19.93	19.94	19.93	19.76	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	19.46	19.58	19.82	20.02	19.75	19.62	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	19.45	19.54	19.74	19.94	19.74	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	19.38	19.76	19.86	19.99	19.90	19.73	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	19.42	19.76	19.81	20.00	19.87	19.58	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	19.43	19.67	19.82	19.91	19.80	19.66	21.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	19.37	19.73	19.75	20.07	19.69	19.57	21.00



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N77 PC3 DSI 8/9/10					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	DFT-s-OFDM PI/2 BPSK	1	1	17.76	17.73	17.63	17.98	18.13	18.05	19.00
		1	137	17.50	17.74	18.09	18.13	18.12	17.97	19.00
		1	271	17.41	18.11	18.08	17.97	17.86	17.99	19.00
		135	0	16.91	17.03	17.26	17.55	17.44	17.38	18.50
		135	69	17.45	17.59	17.76	17.99	17.72	17.73	19.00
		135	138	16.75	17.20	17.30	17.44	17.14	17.17	18.50
		270	0	17.08	17.03	17.23	17.41	17.24	17.30	18.50
	DFT-s-OFDM QPSK	1	1	17.81	17.79	17.87	18.02	18.21	18.14	19.00
		1	137	17.65	17.83	18.11	18.27	18.10	18.00	19.00
		1	271	17.57	18.25	18.22	18.08	17.94	18.02	19.00
		135	0	16.65	16.61	16.72	17.12	17.05	16.99	18.00
		135	69	17.54	17.71	17.91	18.11	17.92	17.82	19.00
		135	138	16.44	16.80	16.99	16.98	16.84	16.71	18.00
		270	0	16.57	16.66	16.92	16.93	16.97	16.83	18.00
	DFT-s-OFDM 16QAM	1	1	16.72	16.71	16.67	16.87	17.15	17.16	18.00
	DFT-s-OFDM 64QAM	1	1	15.18	15.26	15.21	15.40	15.63	15.41	16.50
	DFT-s-OFDM 256QAM	1	1	13.24	13.25	13.13	13.42	13.68	13.57	14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				650000	652400	654800	657200	659600	662000	
100MHz	CP-OFDM QPSK	1	1	16.15	16.05	16.08	16.31	16.53	16.47	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649668	652200	654734	657268	659800	662332	
90MHz	DFT-s-OFDM QPSK	1	1	17.33	17.72	17.94	17.99	17.85	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649334	652000	654668	657334	660000	662666	
80MHz	DFT-s-OFDM QPSK	1	1	17.29	17.67	17.89	18.00	17.75	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				649001	651800	654601	657401	660200	662999	



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70MHz	DFT-s-OFDM QPSK	1	1	17.34	17.49	17.81	17.96	17.75	17.79	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648668	651600	654534	657468	660400	663332	
60MHz	DFT-s-OFDM QPSK	1	1	17.50	17.58	17.72	18.01	17.82	17.69	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648334	651400	654468	657534	660600	663666	
50MHz	DFT-s-OFDM QPSK	1	1	17.32	17.55	17.93	17.96	17.88	17.76	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				648000	651200	654400	657600	660800	664000	
40MHz	DFT-s-OFDM QPSK	1	1	17.45	17.51	17.87	18.03	17.76	17.68	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647666	651000	654332	657666	661000	664334	
30MHz	DFT-s-OFDM QPSK	1	1	17.43	17.57	17.82	17.97	17.73	17.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647499	650900	654298	657699	661100	664501	
25MHz	DFT-s-OFDM QPSK	1	1	17.41	17.71	17.91	17.95	17.86	17.78	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647332	650800	654264	657732	661200	664668	
20MHz	DFT-s-OFDM QPSK	1	1	17.43	17.76	17.81	17.99	17.85	17.59	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				647165	650700	654230	657765	661300	664835	
15MHz	DFT-s-OFDM QPSK	1	1	17.47	17.66	17.85	17.90	17.86	17.66	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Channel	Tune up
				646998	650600	654196	657798	661400	665002	
10MHz	DFT-s-OFDM QPSK	1	1	17.42	17.70	17.80	18.09	17.72	17.63	19.00



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N78 PC2 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.62	/	17.00
		1	137	/	15.72	/	17.00
		1	271	/	15.60	/	17.00
		135	0	/	12.19	/	13.50
		135	69	/	15.46	/	17.00
		135	138	/	11.94	/	13.50
		270	0	/	14.96	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.63	/	17.00
		1	137	/	15.74	/	17.00
		1	271	/	15.53	/	17.00
		135	0	/	12.10	/	13.50
		135	69	/	15.55	/	17.00
		135	138	/	12.04	/	13.50
		270	0	/	14.50	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.71	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.16	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.14	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.98		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.66	15.74	15.68	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.80	15.82	15.58	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.61	15.69	15.73	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.68	15.71	15.69	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.71	15.83	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.69	15.75	15.78	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.73	15.65	15.61	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.77	15.80	15.70	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	15.60	15.73	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	15.72	15.72	15.54	17.00



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N78 PC2 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.59	/	16.00
		1	137	/	14.73	/	16.00
		1	271	/	14.67	/	16.00
		135	0	/	11.16	/	12.50
		135	69	/	14.45	/	16.00
		135	138	/	10.94	/	12.50
		270	0	/	13.98	/	15.50
	DFT-s-OFDM QPSK	1	1	/	14.57	/	16.00
		1	137	/	14.71	/	16.00
		1	271	/	14.61	/	16.00
		135	0	/	11.06	/	12.50
		135	69	/	14.47	/	16.00
		135	138	/	10.97	/	12.50
		270	0	/	13.47	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.70	/	15.00
	DFT-s-OFDM 64QAM	1	1	/	12.11	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	10.14	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		12.99		14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.63	14.66	14.67	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.81	14.76	14.65	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	14.60	14.69	14.72	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.61	14.67	14.65	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.80	14.79	14.63	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.72	14.73	14.73	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.76	14.65	14.59	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.72	14.83	14.71	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	14.55	14.70	14.59	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	14.73	14.65	14.57	16.00



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N78 PC2 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.08	/	23.50
		1	137	/	22.24	/	23.50
		1	271	/	22.12	/	23.50
		135	0	/	18.66	/	20.00
		135	69	/	21.99	/	23.50
		135	138	/	18.49	/	20.00
		270	0	/	21.48	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.10	/	23.50
		1	137	/	22.21	/	23.50
		1	271	/	22.06	/	23.50
		135	0	/	18.56	/	20.00
		135	69	/	22.00	/	23.50
		135	138	/	18.49	/	20.00
		270	0	/	21.01	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.25	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.65	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.62	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.51		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.18	22.20	22.13	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.28	22.27	22.10	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	22.08	22.21	22.20	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.13	22.16	22.17	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.26	22.29	22.09	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.17	22.24	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.21	22.18	22.06	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.26	22.29	22.18	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	22.09	22.24	22.07	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	22.27	22.18	22.06	23.50



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N78 PC2 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.59	/	20.00
		1	137	/	18.77	/	20.00
		1	271	/	18.64	/	20.00
		135	0	/	15.19	/	16.50
		135	69	/	18.52	/	20.00
		135	138	/	14.94	/	16.50
		270	0	/	18.03	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.62	/	20.00
		1	137	/	18.67	/	20.00
		1	271	/	18.59	/	20.00
		135	0	/	15.03	/	16.50
		135	69	/	18.52	/	20.00
		135	138	/	14.98	/	16.50
		270	0	/	17.48	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.71	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.19	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.16	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		16.98		18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.69	18.71	18.58	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.79	18.82	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	18.61	18.71	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.66	18.62	18.71	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.80	18.83	18.64	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.65	18.69	18.75	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.76	18.71	18.59	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.80	18.80	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	18.55	18.79	18.60	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	18.73	18.72	18.59	20.00



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N78 PC2 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.05	/	17.50
		1	137	/	16.28	/	17.50
		1	271	/	16.12	/	17.50
		135	0	/	12.70	/	14.00
		135	69	/	16.02	/	17.50
		135	138	/	12.46	/	14.00
		270	0	/	15.52	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.08	/	17.50
		1	137	/	16.18	/	17.50
		1	271	/	16.06	/	17.50
		135	0	/	12.54	/	14.00
		135	69	/	15.97	/	17.50
		135	138	/	12.49	/	14.00
		270	0	/	14.96	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.22	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.64	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	11.60	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.55		16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.23	16.19	16.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.23	16.29	16.13	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	16.12	16.25	16.23	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	16.16	16.15	16.12	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	16.28	16.27	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	16.21	16.20	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	16.17	16.14	16.03	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	16.22	16.26	16.17	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
15MHz	DFT-s-OFDM QPSK	1	1	16.09	16.22	16.11	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630001	633334	636668	
10MHz	DFT-s-OFDM QPSK	1	1	16.29	16.23	16.04	17.50



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N78 PC3 DSI 2				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	15.61	/	17.00
		1	137	/	15.79	/	17.00
		1	271	/	15.62	/	17.00
		135	0	/	15.09	/	16.50
		135	69	/	15.37	/	17.00
		135	138	/	14.95	/	16.50
		270	0	/	15.01	/	16.50
	DFT-s-OFDM QPSK	1	1	/	15.62	/	17.00
		1	137	/	15.65	/	17.00
		1	271	/	15.64	/	17.00
		135	0	/	14.58	/	16.00
		135	69	/	15.51	/	17.00
		135	138	/	14.49	/	16.00
		270	0	/	14.45	/	16.00
	DFT-s-OFDM 16QAM	1	1	/	14.85	/	16.00
	DFT-s-OFDM 64QAM	1	1	/	13.24	/	14.50
	DFT-s-OFDM 256QAM	1	1	/	11.04	/	12.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.11		15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	15.73	15.81	15.57	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	15.64	15.66	15.71	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	15.79	15.73	15.62	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	15.75	15.66	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	15.72	15.57	15.75	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	15.77	15.69	15.63	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	15.73	15.65	15.52	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	15.69	15.73	15.53	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	15.76	15.65	15.64	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	15.55	15.63	15.59	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	15.67	15.68	15.54	17.00



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N78 PC3 DSI 3				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	14.61	/	16.00
		1	137	/	14.76	/	16.00
		1	271	/	14.62	/	16.00
		135	0	/	14.08	/	15.50
		135	69	/	14.39	/	16.00
		135	138	/	14.00	/	15.50
		270	0	/	14.03	/	15.50
	DFT-s-OFDM QPSK	1	1	/	14.63	/	16.00
		1	137	/	14.71	/	16.00
		1	271	/	14.63	/	16.00
		135	0	/	13.55	/	15.00
		135	69	/	14.52	/	16.00
		135	138	/	13.51	/	15.00
		270	0	/	13.46	/	15.00
	DFT-s-OFDM 16QAM	1	1	/	13.81	/	15.00
	DFT-s-OFDM 64QAM	1	1	/	12.28	/	13.50
	DFT-s-OFDM 256QAM	1	1	/	10.03	/	11.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		13.04		14.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	14.73	14.81	14.63	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	14.73	14.74	14.71	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	14.77	14.77	14.63	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	14.75	14.67	14.76	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	14.65	14.62	14.78	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	14.76	14.67	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	14.74	14.62	14.59	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	14.70	14.78	14.55	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	14.71	14.62	14.56	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	14.57	14.63	14.66	16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	14.61	14.73	14.58	16.00



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N78 PC3 DSI 4				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	22.09	/	23.50
		1	137	/	22.29	/	23.50
		1	271	/	22.13	/	23.50
		135	0	/	21.61	/	23.00
		135	69	/	21.88	/	23.50
		135	138	/	21.46	/	23.00
		270	0	/	21.49	/	23.00
	DFT-s-OFDM QPSK	1	1	/	22.14	/	23.50
		1	137	/	22.20	/	23.50
		1	271	/	22.13	/	23.50
		135	0	/	21.05	/	22.50
		135	69	/	21.97	/	23.50
		135	138	/	21.01	/	22.50
		270	0	/	20.95	/	22.50
	DFT-s-OFDM 16QAM	1	1	/	21.32	/	22.50
	DFT-s-OFDM 64QAM	1	1	/	19.74	/	21.00
	DFT-s-OFDM 256QAM	1	1	/	17.54	/	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		20.58		22.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	22.22	22.30	22.12	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	22.19	22.19	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	22.24	22.27	22.12	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	22.25	22.13	22.21	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	22.20	22.12	22.23	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	22.23	22.15	22.15	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	22.19	22.11	22.04	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	22.23	22.23	22.05	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	22.24	22.14	22.10	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	22.09	22.12	22.13	23.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	22.15	22.21	22.08	23.50



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N78 PC3 DSI 5				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	18.55	/	20.00
		1	137	/	18.83	/	20.00
		1	271	/	18.67	/	20.00
		135	0	/	18.07	/	19.50
		135	69	/	18.37	/	20.00
		135	138	/	18.00	/	19.50
		270	0	/	18.03	/	19.50
	DFT-s-OFDM QPSK	1	1	/	18.67	/	20.00
		1	137	/	18.69	/	20.00
		1	271	/	18.62	/	20.00
		135	0	/	17.59	/	19.00
		135	69	/	18.49	/	20.00
		135	138	/	17.47	/	19.00
		270	0	/	17.50	/	19.00
	DFT-s-OFDM 16QAM	1	1	/	17.85	/	19.00
	DFT-s-OFDM 64QAM	1	1	/	16.25	/	17.50
	DFT-s-OFDM 256QAM	1	1	/	14.09	/	15.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		17.03		18.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	18.74	18.77	18.63	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	18.73	18.65	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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70MHz	DFT-s-OFDM QPSK	1	1	18.78	18.76	18.61	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632000	633334	634668	
60MHz	DFT-s-OFDM QPSK	1	1	18.79	18.59	18.67	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631668	633334	635000	
50MHz	DFT-s-OFDM QPSK	1	1	18.72	18.64	18.78	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631334	633334	635334	
40MHz	DFT-s-OFDM QPSK	1	1	18.76	18.70	18.65	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				631001	633334	635667	
30MHz	DFT-s-OFDM QPSK	1	1	18.71	18.56	18.57	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630834	633334	635833	
25MHz	DFT-s-OFDM QPSK	1	1	18.70	18.70	18.53	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630668	633334	636000	
20MHz	DFT-s-OFDM QPSK	1	1	18.70	18.60	18.56	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630501	633334	636167	
15MHz	DFT-s-OFDM QPSK	1	1	18.58	18.59	18.68	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				630334	633334	636334	
10MHz	DFT-s-OFDM QPSK	1	1	18.60	18.74	18.53	20.00



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N78 PC3 DSI 8/9/10				Conducted Power(dBm)			
SCS 30kHz(3450~3550)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
				/	3500.01	/	
100MHz	DFT-s-OFDM PI/2 BPSK	1	1	/	16.06	/	17.50
		1	137	/	16.27	/	17.50
		1	271	/	16.11	/	17.50
		135	0	/	15.59	/	17.00
		135	69	/	15.86	/	17.50
		135	138	/	15.43	/	17.00
		270	0	/	15.50	/	17.00
	DFT-s-OFDM QPSK	1	1	/	16.18	/	17.50
		1	137	/	16.17	/	17.50
		1	271	/	16.13	/	17.50
		135	0	/	15.09	/	16.50
		135	69	/	15.96	/	17.50
		135	138	/	14.98	/	16.50
		270	0	/	14.98	/	16.50
	DFT-s-OFDM 16QAM	1	1	/	15.29	/	16.50
	DFT-s-OFDM 64QAM	1	1	/	13.72	/	15.00
	DFT-s-OFDM 256QAM	1	1	/	11.58	/	13.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	633334	/	
100MHz	CP-OFDM QPSK	1	1		14.56		16.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				633000	633334	633668	
90MHz	DFT-s-OFDM QPSK	1	1	16.22	16.25	16.09	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632668	633334	634000	
80MHz	DFT-s-OFDM QPSK	1	1	16.23	16.22	16.18	17.50
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				632334	633334	634334	



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