

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

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

Report No.: SZCR250400159710

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30MHz	CP-OFDM QPSK	1	1	16.80	16.87	16.81	18.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	16.90	17.00	16.98	18.00

N78 PC2 DSI4/5				Conducted Power(dBm)			
SCS 30kHz(3700~3800)							
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				/	650000	/	
				/	3750.00	/	
100MHz	CP-OFDM QPSK	1	1	/	15.84	/	17.00
		1	137	/	15.94	/	17.00
		1	271	/	16.24	/	17.00
		135	0	/	14.50	/	15.50
		135	69	/	16.27	/	17.00
		135	138	/	15.15	/	15.50
		270	0	/	15.05	/	15.50
	CP-OFDM 16QAM	1	1	/	15.23	/	16.50
	CP-OFDM 64QAM	1	1	/	14.10	/	15.00
	CP-OFDM 256QAM	1	1	/	10.90	/	12.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649668	650000	650334	
90MHz	CP-OFDM QPSK	1	1	15.83	15.90	15.90	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649334	650000	650668	
80MHz	CP-OFDM QPSK	1	1	15.89	15.81	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				649000	650000	651000	
70MHz	CP-OFDM QPSK	1	1	15.80	15.86	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648668	650000	651334	
60MHz	CP-OFDM QPSK	1	1	15.90	15.98	16.00	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648334	650000	651668	
50MHz	CP-OFDM QPSK	1	1	15.84	15.94	15.88	17.00



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Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				648000	650000	652000	
40MHz	CP-OFDM QPSK	1	1	15.86	15.83	15.95	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647668	650000	652334	
30MHz	CP-OFDM QPSK	1	1	15.80	15.87	15.81	17.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				647334	650000	652668	
20MHz	CP-OFDM QPSK	1	1	15.90	16.00	15.98	17.00



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8 Conducted Power of NSA(LTE) & Inter_band CA (LTE) Antenna

8.1 Conducted Power of NSA(LTE) & Inter_band CA (LTE)

LTE Band 2 DSI4/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18607	18900	19193	
1.4MHz	QPSK	1	0	22.99	23.11	23.03	24.00
		1	2	23.16	23.07	23.10	24.00
		1	5	23.05	23.23	23.03	24.00
		3	0	22.95	23.03	22.97	24.00
		3	2	22.98	22.90	22.90	24.00
		3	3	23.01	23.07	22.95	24.00
		6	0	21.86	21.97	22.03	23.00
	16QAM	1	0	22.07	21.83	22.00	23.00
		1	2	22.18	22.32	22.06	23.00
		1	5	22.04	22.01	21.87	23.00
		3	0	21.60	21.77	21.87	23.00
		3	2	21.90	21.68	21.59	23.00
		3	3	21.73	21.82	21.89	23.00
		6	0	20.76	20.83	20.76	22.00
	64QAM	1	0	20.74	20.93	20.77	22.00
		1	2	20.81	20.83	20.69	22.00
		1	5	20.93	20.72	20.94	22.00
		3	0	20.99	20.99	20.93	22.00
		3	2	20.98	20.85	20.87	22.00
		3	3	20.87	21.04	21.06	22.00
		6	0	19.84	19.92	19.83	21.00
	256QAM	1	0	17.73	17.75	17.74	19.00
		1	2	17.77	17.78	17.74	19.00
		1	5	17.88	17.93	17.82	19.00
		3	0	17.77	17.72	17.70	19.00
		3	2	17.93	17.98	17.81	19.00
		3	3	17.87	17.80	17.69	19.00
		6	0	17.85	17.90	17.90	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.10	22.96	23.10	24.00
		1	7	22.99	22.99	23.10	24.00



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		1	14	23.07	23.07	23.16	24.00
		8	0	22.04	21.93	22.01	23.00
		8	4	21.95	21.82	21.96	23.00
		8	7	22.01	21.97	21.87	23.00
		15	0	21.87	21.82	22.03	23.00
	16QAM	1	0	22.10	21.93	21.99	23.00
		1	7	22.17	22.22	22.15	23.00
		1	14	21.97	21.96	21.96	23.00
		8	0	20.69	20.76	20.80	22.00
		8	4	20.88	20.86	20.71	22.00
		8	7	20.65	20.67	20.78	22.00
		15	0	20.80	20.81	20.72	22.00
	64QAM	1	0	20.71	20.93	20.78	22.00
		1	7	20.73	20.82	20.77	22.00
		1	14	20.94	20.75	20.87	22.00
		8	0	19.91	19.95	19.78	21.00
		8	4	19.86	19.79	19.99	21.00
		8	7	19.96	20.00	20.01	21.00
		15	0	19.70	19.94	19.90	21.00
	256QAM	1	0	17.84	17.67	17.79	19.00
		1	7	17.87	17.72	17.69	19.00
		1	14	17.81	17.94	17.79	19.00
		8	0	17.85	17.68	17.75	19.00
		8	4	17.96	17.93	17.79	19.00
		8	7	17.87	17.98	17.88	19.00
		15	0	17.90	17.79	17.86	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18625	18900	19175	
5MHz	QPSK	1	0	23.18	23.08	23.09	24.00
		1	13	23.04	23.01	23.14	24.00
		1	24	23.01	23.11	23.23	24.00
		12	0	22.04	22.04	21.82	23.00
		12	6	21.91	21.79	21.87	23.00
		12	13	21.99	22.05	22.00	23.00
		25	0	21.89	21.88	22.02	23.00
	16QAM	1	0	21.96	21.99	22.03	23.00
		1	13	22.19	22.33	22.19	23.00
		1	24	22.07	21.92	21.92	23.00
		12	0	20.65	20.73	20.78	22.00
		12	6	20.79	20.84	20.69	22.00



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		12	13	20.74	20.70	20.88	22.00
		25	0	20.76	20.78	20.80	22.00
	64QAM	1	0	20.73	20.90	20.65	22.00
		1	13	20.74	20.77	20.64	22.00
		1	24	20.93	20.74	20.93	22.00
		12	0	19.89	19.98	19.75	21.00
		12	6	20.01	19.87	19.84	21.00
		12	13	19.99	19.89	20.07	21.00
		25	0	19.78	19.80	19.86	21.00
	256QAM	1	0	17.91	17.71	17.68	19.00
		1	13	17.84	17.86	17.67	19.00
		1	24	17.87	17.78	17.68	19.00
		12	0	17.85	17.86	17.73	19.00
		12	6	17.95	17.81	17.83	19.00
		12	13	17.90	17.81	17.85	19.00
		25	0	17.90	17.88	17.80	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18650	18900	19150	
10MHz	QPSK	1	0	23.03	22.94	23.03	24.00
		1	25	23.12	23.04	23.13	24.00
		1	49	23.05	23.12	23.17	24.00
		25	0	22.10	21.97	21.94	23.00
		25	13	21.98	21.80	21.93	23.00
		25	25	21.97	22.01	21.89	23.00
		50	0	21.92	21.93	21.99	23.00
	16QAM	1	0	21.92	21.99	21.98	23.00
		1	25	22.12	22.16	22.23	23.00
		1	49	22.13	22.00	21.98	23.00
		25	0	20.79	20.77	20.88	22.00
		25	13	20.90	20.74	20.73	22.00
		25	25	20.71	20.67	20.83	22.00
		50	0	20.80	20.71	20.83	22.00
	64QAM	1	0	20.71	20.75	20.76	22.00
		1	25	20.76	20.79	20.61	22.00
		1	49	20.93	20.72	20.83	22.00
		25	0	19.84	19.80	19.80	21.00
		25	13	19.94	19.77	19.90	21.00
		25	25	19.85	19.89	20.02	21.00
		50	0	19.84	19.86	19.93	21.00
	256QAM	1	0	17.74	17.81	17.62	19.00



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		1	25	17.88	17.68	17.62	19.00
		1	49	17.92	17.90	17.72	19.00
		25	0	17.84	17.69	17.77	19.00
		25	13	17.84	17.91	17.91	19.00
		25	25	17.94	17.93	17.77	19.00
		50	0	17.78	17.84	17.97	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18675	18900	19125	
15MHz	QPSK	1	0	22.99	23.11	23.15	24.00
		1	38	23.01	23.06	23.16	24.00
		1	74	23.04	23.22	23.21	24.00
		36	0	22.04	22.02	21.99	23.00
		36	18	22.00	21.77	21.94	23.00
		36	39	21.96	21.99	21.87	23.00
		75	0	21.94	21.96	21.90	23.00
	16QAM	1	0	22.07	21.97	21.91	23.00
		1	38	22.12	22.29	22.04	23.00
		1	74	21.98	22.01	21.84	23.00
		36	0	20.62	20.72	20.75	22.00
		36	18	20.94	20.67	20.69	22.00
		36	39	20.77	20.76	20.90	22.00
		75	0	20.70	20.70	20.81	22.00
	64QAM	1	0	20.73	20.90	20.81	22.00
		1	38	20.79	20.82	20.63	22.00
		1	74	20.80	20.70	20.91	22.00
		36	0	19.95	19.88	19.76	21.00
		36	18	19.85	19.83	19.97	21.00
		36	39	19.95	19.87	20.00	21.00
		75	0	19.75	19.78	19.80	21.00
	256QAM	1	0	17.73	17.67	17.63	19.00
		1	38	17.87	17.67	17.77	19.00
		1	74	17.82	17.80	17.84	19.00
		36	0	17.77	17.84	17.80	19.00
		36	18	17.82	17.87	17.78	19.00
		36	39	18.02	17.78	17.82	19.00
		75	0	17.90	17.90	17.81	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				18700	18900	19100	
20MHz	QPSK	1	0	23.09	23.04	23.06	24.00
		1	50	23.06	23.07	23.08	24.00



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		1	99	23.08	23.16	23.13	24.00
		50	0	22.03	21.97	21.92	23.00
		50	25	21.92	21.87	21.89	23.00
		50	50	21.93	22.00	21.97	23.00
		100	0	21.87	21.89	21.96	23.00
	16QAM	1	0	22.02	21.92	21.96	23.00
		1	50	22.13	22.23	22.13	23.00
		1	99	22.04	21.95	21.89	23.00
		50	0	20.70	20.74	20.82	22.00
		50	25	20.84	20.77	20.67	22.00
		50	50	20.72	20.72	20.80	22.00
		100	0	20.74	20.79	20.82	22.00
	64QAM	1	0	20.75	20.83	20.73	22.00
		1	50	20.83	20.75	20.67	22.00
		1	99	20.85	20.78	20.84	22.00
		50	0	19.91	19.89	19.85	21.00
		50	25	19.95	19.87	19.93	21.00
		50	50	19.93	19.95	20.03	21.00
		100	0	19.79	19.88	19.86	21.00
	256QAM	1	0	17.83	17.74	17.72	19.00
		1	50	17.83	17.76	17.71	19.00
		1	99	17.88	17.85	17.77	19.00
		50	0	17.77	17.78	17.78	19.00
		50	25	17.92	17.89	17.84	19.00
		50	50	17.97	17.88	17.78	19.00
		100	0	17.87	17.81	17.90	19.00



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LTE Band 4 DS14/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				19957	20175	20393	
1.4MHz	QPSK	1	0	23.41	23.49	23.34	25.00
		1	2	23.45	23.61	23.74	25.00
		1	5	23.65	23.80	23.69	25.00
		3	0	23.35	23.17	23.03	25.00
		3	2	23.22	23.36	23.22	25.00
		3	3	23.33	23.43	23.31	25.00
		6	0	22.43	22.23	22.17	24.00
	16QAM	1	0	22.29	22.27	22.31	24.00
		1	2	22.27	22.22	22.34	24.00
		1	5	22.27	22.37	22.37	24.00
		3	0	22.08	22.13	22.22	24.00
		3	2	22.26	22.20	22.14	24.00
		3	3	22.25	22.15	22.10	24.00
		6	0	21.28	21.27	21.08	23.00
	64QAM	1	0	21.21	21.20	21.19	23.00
		1	2	21.11	21.21	21.33	23.00
		1	5	21.01	21.17	21.13	23.00
		3	0	21.15	21.29	21.25	23.00
		3	2	21.16	21.19	21.30	23.00
		3	3	21.48	21.33	21.30	23.00
		6	0	20.31	20.34	20.15	22.00
	256QAM	1	0	18.24	18.15	18.05	20.00
		1	2	18.19	18.32	18.31	20.00
		1	5	18.10	18.25	18.24	20.00
		3	0	18.09	18.29	18.32	20.00
		3	2	18.16	18.31	18.17	20.00
		3	3	18.35	18.30	18.29	20.00
		6	0	18.35	18.20	18.27	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.31	23.34	23.47	25.00
		1	7	23.46	23.67	23.70	25.00
		1	14	23.65	23.71	23.72	25.00
		8	0	22.29	22.24	22.16	24.00
		8	4	22.16	22.31	22.21	24.00



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		8	7	22.18	22.33	22.25	24.00
		15	0	22.29	22.32	22.36	24.00
	16QAM	1	0	22.29	22.35	22.33	24.00
		1	7	22.25	22.14	22.23	24.00
		1	14	22.27	22.37	22.26	24.00
		8	0	21.20	21.22	21.14	23.00
		8	4	21.11	21.16	21.16	23.00
		8	7	21.39	21.17	21.19	23.00
		15	0	21.26	21.27	21.20	23.00
	64QAM	1	0	21.19	21.35	21.23	23.00
		1	7	21.24	21.17	21.36	23.00
		1	14	21.18	21.31	21.15	23.00
		8	0	20.12	20.23	20.14	22.00
		8	4	20.24	20.16	20.30	22.00
		8	7	20.43	20.20	20.40	22.00
		15	0	20.35	20.31	20.31	22.00
	256QAM	1	0	18.18	18.21	18.11	20.00
		1	7	18.31	18.39	18.30	20.00
		1	14	18.17	18.26	18.20	20.00
		8	0	18.03	18.27	18.29	20.00
		8	4	18.30	18.17	18.24	20.00
		8	7	18.41	18.33	18.28	20.00
		15	0	18.40	18.27	18.28	20.00
	Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel
					19975	20175	20375
	5MHz	QPSK	1	0	23.31	23.36	23.37
			1	13	23.44	23.64	23.67
			1	24	23.77	23.87	23.64
			12	0	22.22	22.14	22.01
			12	6	22.23	22.31	22.21
			12	13	22.29	22.38	22.34
			25	0	22.34	22.26	22.24
		16QAM	1	0	22.22	22.24	22.23
			1	13	22.28	22.22	22.24
			1	24	22.22	22.27	22.30
			12	0	21.23	21.14	21.22
			12	6	21.16	21.28	21.22
			12	13	21.24	21.32	21.24
			25	0	21.25	21.13	21.12
		64QAM	1	0	21.15	21.28	21.28



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		1	13	21.23	21.25	21.37	23.00
		1	24	21.19	21.26	21.24	23.00
		12	0	20.21	20.15	20.27	22.00
		12	6	20.20	20.16	20.25	22.00
		12	13	20.46	20.29	20.35	22.00
		25	0	20.32	20.31	20.29	22.00
	256QAM	1	0	18.15	18.32	18.10	20.00
		1	13	18.20	18.22	18.35	20.00
		1	24	18.21	18.24	18.21	20.00
		12	0	18.20	18.15	18.31	20.00
		12	6	18.21	18.15	18.31	20.00
		12	13	18.35	18.24	18.19	20.00
		25	0	18.34	18.36	18.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel 20000	Channel 20175	Channel 20350	Tune up
10MHz	QPSK	1	0	23.45	23.51	23.38	25.00
		1	25	23.51	23.50	23.76	25.00
		1	49	23.65	23.83	23.70	25.00
		25	0	22.19	22.12	22.05	24.00
		25	13	22.18	22.19	22.18	24.00
		25	25	22.23	22.42	22.28	24.00
		50	0	22.28	22.27	22.34	24.00
	16QAM	1	0	22.10	22.25	22.23	24.00
		1	25	22.32	22.14	22.23	24.00
		1	49	22.23	22.39	22.28	24.00
		25	0	21.21	21.15	21.18	23.00
		25	13	21.17	21.14	21.13	23.00
		25	25	21.23	21.28	21.15	23.00
		50	0	21.19	21.31	21.23	23.00
	64QAM	1	0	21.19	21.20	21.14	23.00
		1	25	21.13	21.14	21.32	23.00
		1	49	21.10	21.15	21.11	23.00
		25	0	20.18	20.34	20.22	22.00
		25	13	20.29	20.13	20.24	22.00
		25	25	20.41	20.35	20.33	22.00
		50	0	20.29	20.30	20.16	22.00
	256QAM	1	0	18.32	18.17	18.08	20.00
		1	25	18.29	18.20	18.30	20.00
		1	49	18.24	18.20	18.26	20.00
		25	0	18.20	18.18	18.20	20.00



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		25	13	18.30	18.23	18.27	20.00
		25	25	18.37	18.19	18.25	20.00
		50	0	18.41	18.29	18.37	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20025	20175	20325	
15MHz	QPSK	1	0	23.41	23.48	23.34	25.00
		1	38	23.51	23.66	23.77	25.00
		1	74	23.73	23.71	23.68	25.00
		36	0	22.33	22.26	22.19	24.00
		36	18	22.16	22.34	22.13	24.00
		36	39	22.22	22.29	22.22	24.00
		75	0	22.30	22.16	22.26	24.00
	16QAM	1	0	22.14	22.32	22.34	24.00
		1	38	22.27	22.25	22.35	24.00
		1	74	22.38	22.42	22.28	24.00
		36	0	21.08	21.05	21.14	23.00
		36	18	21.11	21.18	21.25	23.00
		36	39	21.27	21.34	21.21	23.00
		75	0	21.12	21.14	21.22	23.00
	64QAM	1	0	21.24	21.26	21.27	23.00
		1	38	21.23	21.25	21.18	23.00
		1	74	21.11	21.27	21.19	23.00
		36	0	20.21	20.32	20.13	22.00
		36	18	20.29	20.20	20.32	22.00
		36	39	20.45	20.33	20.34	22.00
		75	0	20.26	20.35	20.24	22.00
	256QAM	1	0	18.21	18.23	18.08	20.00
		1	38	18.34	18.26	18.24	20.00
		1	74	18.17	18.30	18.36	20.00
		36	0	18.12	18.22	18.17	20.00
		36	18	18.25	18.33	18.14	20.00
		36	39	18.25	18.19	18.26	20.00
		75	0	18.32	18.29	18.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20050	20175	20300	
20MHz	QPSK	1	0	23.38	23.43	23.40	25.00
		1	50	23.50	23.60	23.67	25.00
		1	99	23.70	23.77	23.72	25.00
		50	0	22.27	22.19	22.10	24.00
		50	25	22.19	22.26	22.20	24.00



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		50	50	22.28	22.33	22.24	24.00
		100	0	22.35	22.25	22.26	24.00
	16QAM	1	0	22.19	22.29	22.30	24.00
		1	50	22.31	22.21	22.31	24.00
		1	99	22.31	22.34	22.29	24.00
		50	0	21.18	21.15	21.23	23.00
		50	25	21.19	21.19	21.17	23.00
		50	50	21.31	21.25	21.18	23.00
		100	0	21.20	21.23	21.17	23.00
		64QAM	1	0	21.17	21.26	21.19
	1		50	21.17	21.18	21.27	23.00
	1		99	21.11	21.21	21.20	23.00
	50		0	20.17	20.24	20.17	22.00
	50		25	20.20	20.22	20.31	22.00
	50		50	20.38	20.28	20.31	22.00
	100		0	20.34	20.29	20.24	22.00
	256QAM		1	0	18.25	18.24	18.14
		1	50	18.24	18.29	18.25	20.00
		1	99	18.15	18.22	18.28	20.00
		50	0	18.13	18.21	18.24	20.00
		50	25	18.21	18.25	18.23	20.00
		50	50	18.32	18.27	18.27	20.00
		100	0	18.37	18.30	18.35	20.00



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LTE Band 7 DS14/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20775	21100	21425	
5MHz	QPSK	1	0	24.13	24.00	24.08	25.00
		1	13	24.02	24.01	23.92	25.00
		1	24	24.16	24.21	24.05	25.00
		12	0	22.59	22.58	22.49	24.00
		12	6	22.67	22.62	22.75	24.00
		12	13	22.69	22.65	22.54	24.00
		25	0	22.59	22.60	22.51	24.00
	16QAM	1	0	22.66	22.56	22.61	24.00
		1	13	22.74	22.75	22.62	24.00
		1	24	22.76	22.64	22.65	24.00
		12	0	21.63	21.67	21.70	23.00
		12	6	21.61	21.76	21.58	23.00
		12	13	21.61	21.55	21.62	23.00
		25	0	21.70	21.69	21.83	23.00
	64QAM	1	0	21.80	21.67	21.58	23.00
		1	13	21.60	21.76	21.82	23.00
		1	24	21.51	21.67	21.49	23.00
		12	0	20.65	20.57	20.46	22.00
		12	6	20.59	20.50	20.53	22.00
		12	13	20.76	20.55	20.75	22.00
		25	0	20.56	20.56	20.54	22.00
	256QAM	1	0	18.47	18.56	18.59	20.00
		1	13	18.47	18.69	18.46	20.00
		1	24	18.58	18.61	18.52	20.00
		12	0	18.39	18.62	18.56	20.00
		12	6	18.61	18.54	18.56	20.00
		12	13	18.70	18.56	18.67	20.00
		25	0	18.66	18.69	18.62	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20800	21100	21400	
10MHz	QPSK	1	0	24.04	24.15	24.07	25.00
		1	25	23.90	23.96	24.07	25.00
		1	49	24.20	24.21	24.18	25.00
		25	0	22.55	22.64	22.48	24.00
		25	13	22.74	22.66	22.67	24.00



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		25	25	22.60	22.66	22.55	24.00
		50	0	22.61	22.57	22.65	24.00
	16QAM	1	0	22.72	22.55	22.50	24.00
		1	25	22.82	22.64	22.77	24.00
		1	49	22.68	22.60	22.64	24.00
		25	0	21.57	21.51	21.60	23.00
		25	13	21.73	21.71	21.60	23.00
		25	25	21.76	21.63	21.63	23.00
		50	0	21.69	21.61	21.70	23.00
	64QAM	1	0	21.75	21.60	21.50	23.00
		1	25	21.59	21.69	21.74	23.00
		1	49	21.68	21.68	21.69	23.00
		25	0	20.68	20.63	20.38	22.00
		25	13	20.57	20.57	20.55	22.00
		25	25	20.63	20.71	20.70	22.00
		50	0	20.60	20.54	20.64	22.00
	256QAM	1	0	18.54	18.49	18.51	20.00
		1	25	18.47	18.49	18.50	20.00
		1	49	18.48	18.65	18.57	20.00
		25	0	18.40	18.48	18.64	20.00
		25	13	18.45	18.64	18.55	20.00
		25	25	18.74	18.67	18.85	20.00
		50	0	18.59	18.58	18.52	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20825	21100	21375	
15MHz	QPSK	1	0	24.20	24.01	24.10	25.00
		1	38	23.98	23.98	23.92	25.00
		1	74	24.10	24.10	24.08	25.00
		36	0	22.67	22.53	22.54	24.00
		36	18	22.78	22.68	22.75	24.00
		36	39	22.66	22.67	22.53	24.00
		75	0	22.63	22.69	22.58	24.00
	16QAM	1	0	22.75	22.52	22.66	24.00
		1	38	22.74	22.77	22.81	24.00
		1	74	22.78	22.60	22.64	24.00
		36	0	21.63	21.58	21.61	23.00
		36	18	21.68	21.60	21.59	23.00
		36	39	21.69	21.71	21.50	23.00
		75	0	21.73	21.63	21.67	23.00
	64QAM	1	0	21.66	21.54	21.62	23.00



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		1	38	21.66	21.62	21.79	23.00
		1	74	21.65	21.64	21.67	23.00
		36	0	20.69	20.67	20.49	22.00
		36	18	20.68	20.69	20.57	22.00
		36	39	20.74	20.59	20.57	22.00
		75	0	20.45	20.67	20.63	22.00
		1	0	18.62	18.56	18.51	20.00
	256QAM	1	38	18.57	18.51	18.46	20.00
		1	74	18.62	18.61	18.47	20.00
		36	0	18.38	18.63	18.61	20.00
		36	18	18.43	18.49	18.61	20.00
		36	39	18.68	18.72	18.82	20.00
		75	0	18.58	18.61	18.69	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				20850	21100	21350	
20MHz	QPSK	1	0	24.14	24.07	24.12	25.00
		1	50	23.97	23.96	23.98	25.00
		1	99	24.10	24.17	24.12	25.00
		50	0	22.62	22.56	22.56	24.00
		50	25	22.68	22.65	22.71	24.00
		50	50	22.68	22.61	22.63	24.00
		100	0	22.68	22.59	22.58	24.00
	16QAM	1	0	22.71	22.62	22.58	24.00
		1	50	22.74	22.67	22.71	24.00
		1	99	22.74	22.66	22.63	24.00
		50	0	21.60	21.61	21.60	23.00
		50	25	21.65	21.66	21.60	23.00
		50	50	21.67	21.62	21.55	23.00
		100	0	21.63	21.68	21.75	23.00
	64QAM	1	0	21.70	21.62	21.56	23.00
		1	50	21.67	21.66	21.72	23.00
		1	99	21.60	21.68	21.59	23.00
		50	0	20.62	20.58	20.48	22.00
		50	25	20.65	20.59	20.50	22.00
		50	50	20.66	20.61	20.65	22.00
		100	0	20.53	20.63	20.57	22.00
	256QAM	1	0	18.56	18.55	18.61	20.00
		1	50	18.51	18.59	18.53	20.00
		1	99	18.54	18.62	18.52	20.00
		50	0	18.48	18.57	18.62	20.00



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		50	25	18.51	18.56	18.63	20.00
		50	50	18.70	18.66	18.75	20.00
		100	0	18.68	18.61	18.59	20.00



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LTE Band 25 DSI4/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26047	26365	26683	
1.4MHz	QPSK	1	0	22.64	22.68	22.79	24.00
		1	2	22.90	22.81	22.75	24.00
		1	5	22.67	22.58	22.65	24.00
		3	0	22.68	22.62	22.82	24.00
		3	2	22.68	22.76	22.69	24.00
		3	3	22.80	22.71	22.86	24.00
		6	0	21.52	21.50	21.57	23.00
	16QAM	1	0	21.51	21.41	21.42	23.00
		1	2	21.54	21.43	21.47	23.00
		1	5	21.55	21.53	21.59	23.00
		3	0	21.50	21.50	21.59	23.00
		3	2	21.71	21.58	21.58	23.00
		3	3	21.71	21.71	21.67	23.00
		6	0	20.53	20.47	20.47	22.00
	64QAM	1	0	20.29	20.42	20.50	22.00
		1	2	20.24	20.49	20.36	22.00
		1	5	20.46	20.34	20.42	22.00
		3	0	20.57	20.69	20.69	22.00
		3	2	20.55	20.65	20.54	22.00
		3	3	20.64	20.67	20.77	22.00
		6	0	19.65	19.48	19.61	21.00
	256QAM	1	0	17.46	17.41	17.45	19.00
		1	2	17.53	17.59	17.64	19.00
		1	5	17.35	17.43	17.55	19.00
		3	0	17.62	17.52	17.35	19.00
		3	2	17.40	17.47	17.54	19.00
		3	3	17.62	17.49	17.43	19.00
		6	0	17.39	17.41	17.38	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26055	26365	26675	
3MHz	QPSK	1	0	22.70	22.67	22.80	24.00
		1	7	22.87	22.86	22.80	24.00
		1	14	22.66	22.72	22.52	24.00
		8	0	21.49	21.49	21.51	23.00
		8	4	21.42	21.47	21.35	23.00



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		8	7	21.50	21.61	21.61	23.00
		15	0	21.48	21.40	21.52	23.00
	16QAM	1	0	21.61	21.48	21.40	23.00
		1	7	21.54	21.60	21.41	23.00
		1	14	21.53	21.52	21.68	23.00
		8	0	20.16	20.18	20.27	22.00
		8	4	20.40	20.33	20.45	22.00
		8	7	20.44	20.44	20.36	22.00
		15	0	20.39	20.55	20.57	22.00
	64QAM	1	0	20.44	20.45	20.43	22.00
		1	7	20.31	20.44	20.49	22.00
		1	14	20.27	20.47	20.28	22.00
		8	0	19.45	19.60	19.78	21.00
		8	4	19.70	19.50	19.60	21.00
		8	7	19.79	19.66	19.76	21.00
		15	0	19.54	19.63	19.59	21.00
	256QAM	1	0	17.41	17.49	17.59	19.00
		1	7	17.55	17.68	17.63	19.00
		1	14	17.44	17.44	17.39	19.00
		8	0	17.64	17.48	17.52	19.00
		8	4	17.51	17.43	17.42	19.00
		8	7	17.50	17.46	17.58	19.00
		15	0	17.33	17.39	17.48	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26065	26365	26665	
5MHz	QPSK	1	0	22.72	22.78	22.79	24.00
		1	13	22.75	22.89	22.64	24.00
		1	24	22.68	22.72	22.59	24.00
		12	0	21.37	21.34	21.41	23.00
		12	6	21.31	21.50	21.45	23.00
		12	13	21.67	21.48	21.60	23.00
		25	0	21.57	21.44	21.49	23.00
	16QAM	1	0	21.56	21.37	21.36	23.00
		1	13	21.46	21.43	21.37	23.00
		1	24	21.40	21.45	21.63	23.00
		12	0	20.30	20.36	20.12	22.00
		12	6	20.47	20.30	20.28	22.00
		12	13	20.52	20.55	20.49	22.00
		25	0	20.41	20.51	20.62	22.00
	64QAM	1	0	20.30	20.48	20.48	22.00



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		1	13	20.37	20.41	20.44	22.00
		1	24	20.44	20.32	20.35	22.00
		12	0	19.51	19.50	19.72	21.00
		12	6	19.70	19.59	19.65	21.00
		12	13	19.75	19.59	19.67	21.00
		25	0	19.57	19.52	19.67	21.00
	256QAM	1	0	17.42	17.54	17.59	19.00
		1	13	17.61	17.57	17.57	19.00
		1	24	17.36	17.45	17.39	19.00
		12	0	17.63	17.42	17.48	19.00
		12	6	17.46	17.49	17.47	19.00
		12	13	17.56	17.63	17.54	19.00
		25	0	17.40	17.54	17.49	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26090	26365	26640	
10MHz	QPSK	1	0	22.74	22.85	22.77	24.00
		1	25	22.73	22.72	22.76	24.00
		1	49	22.66	22.61	22.70	24.00
		25	0	21.45	21.34	21.43	23.00
		25	13	21.34	21.51	21.34	23.00
		25	25	21.64	21.57	21.51	23.00
		50	0	21.54	21.47	21.53	23.00
	16QAM	1	0	21.58	21.51	21.38	23.00
		1	25	21.43	21.50	21.33	23.00
		1	49	21.54	21.42	21.61	23.00
		25	0	20.35	20.22	20.18	22.00
		25	13	20.42	20.48	20.44	22.00
		25	25	20.57	20.47	20.45	22.00
		50	0	20.45	20.38	20.55	22.00
	64QAM	1	0	20.34	20.37	20.57	22.00
		1	25	20.21	20.49	20.51	22.00
		1	49	20.33	20.35	20.39	22.00
		25	0	19.58	19.50	19.75	21.00
		25	13	19.70	19.48	19.53	21.00
		25	25	19.66	19.70	19.62	21.00
		50	0	19.53	19.54	19.54	21.00
	256QAM	1	0	17.49	17.49	17.54	19.00
		1	25	17.61	17.53	17.66	19.00
		1	49	17.37	17.52	17.47	19.00
		25	0	17.65	17.52	17.54	19.00



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		25	13	17.45	17.59	17.50	19.00
		25	25	17.44	17.51	17.55	19.00
		50	0	17.41	17.45	17.41	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26115	26365	26615	
15MHz	QPSK	1	0	22.64	22.83	22.65	24.00
		1	38	22.83	22.87	22.81	24.00
		1	74	22.78	22.58	22.51	24.00
		36	0	21.40	21.40	21.39	23.00
		36	18	21.39	21.42	21.28	23.00
		36	39	21.68	21.58	21.54	23.00
		75	0	21.58	21.57	21.42	23.00
	16QAM	1	0	21.58	21.49	21.40	23.00
		1	38	21.49	21.51	21.51	23.00
		1	74	21.39	21.43	21.64	23.00
		36	0	20.23	20.24	20.12	22.00
		36	18	20.36	20.38	20.32	22.00
		36	39	20.43	20.42	20.49	22.00
		75	0	20.37	20.37	20.56	22.00
	64QAM	1	0	20.28	20.46	20.38	22.00
		1	38	20.37	20.37	20.33	22.00
		1	74	20.31	20.47	20.31	22.00
		36	0	19.55	19.50	19.78	21.00
		36	18	19.60	19.53	19.61	21.00
		36	39	19.62	19.55	19.78	21.00
		75	0	19.56	19.49	19.55	21.00
	256QAM	1	0	17.54	17.58	17.52	19.00
		1	38	17.67	17.61	17.58	19.00
		1	74	17.42	17.53	17.43	19.00
		36	0	17.46	17.54	17.36	19.00
		36	18	17.51	17.55	17.36	19.00
		36	39	17.43	17.60	17.58	19.00
		75	0	17.42	17.49	17.56	19.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				26140	26365	26590	
20MHz	QPSK	1	0	22.69	22.75	22.72	24.00
		1	50	22.80	22.80	22.72	24.00
		1	99	22.68	22.68	22.60	24.00
		50	0	21.47	21.42	21.49	23.00
		50	25	21.34	21.44	21.37	23.00



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		50	50	21.59	21.55	21.54	23.00
		100	0	21.58	21.49	21.48	23.00
	16QAM	1	0	21.53	21.46	21.39	23.00
		1	50	21.50	21.50	21.41	23.00
		1	99	21.47	21.51	21.59	23.00
		50	0	20.26	20.28	20.20	22.00
		50	25	20.44	20.38	20.38	22.00
		50	50	20.51	20.49	20.39	22.00
		100	0	20.44	20.45	20.54	22.00
		64QAM	1	0	20.34	20.39	20.47
	1		50	20.31	20.41	20.43	22.00
	1		99	20.36	20.42	20.33	22.00
	50		0	19.49	19.59	19.68	21.00
	50		25	19.64	19.58	19.63	21.00
	50		50	19.70	19.65	19.71	21.00
	100		0	19.56	19.57	19.64	21.00
	256QAM	1	0	17.49	17.49	17.52	19.00
		1	50	17.59	17.58	17.61	19.00
		1	99	17.43	17.45	17.46	19.00
		50	0	17.55	17.47	17.44	19.00
		50	25	17.48	17.52	17.44	19.00
		50	50	17.53	17.53	17.48	19.00
		100	0	17.43	17.48	17.47	19.00



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LTE Band 66 DS14/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131979	132322	132665	
1.4MHz	QPSK	1	0	23.61	23.62	23.77	25.00
		1	2	23.68	23.61	23.50	25.00
		1	5	23.56	23.57	23.52	25.00
		3	0	23.45	23.31	23.43	25.00
		3	1	23.58	23.40	23.53	25.00
		3	3	23.43	23.42	23.42	25.00
		6	0	22.51	22.25	22.43	24.00
	16QAM	1	0	22.15	22.33	22.15	24.00
		1	2	22.34	22.25	22.31	24.00
		1	5	22.38	22.29	22.34	24.00
		3	0	22.30	22.25	22.17	24.00
		3	1	22.06	22.28	22.16	24.00
		3	3	22.21	22.20	22.33	24.00
		6	0	21.16	21.28	21.24	23.00
	64QAM	1	0	21.13	21.15	21.27	23.00
		1	2	21.25	21.31	21.28	23.00
		1	5	21.39	21.28	21.16	23.00
		3	0	21.24	21.34	21.37	23.00
		3	1	21.40	21.22	21.25	23.00
		3	3	21.13	21.29	21.39	23.00
		6	0	20.20	20.29	20.20	22.00
	256QAM	1	0	18.12	18.29	18.31	20.00
		1	2	18.24	18.26	18.30	20.00
		1	5	18.30	18.26	18.24	20.00
		3	0	18.43	18.28	18.42	20.00
		3	1	18.37	18.30	18.31	20.00
		3	3	18.19	18.21	18.34	20.00
		6	0	18.12	18.28	18.20	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
3MHz	QPSK	1	0	23.58	23.74	23.75	25.00
		1	7	23.48	23.51	23.51	25.00
		1	14	23.66	23.51	23.56	25.00
		8	0	22.22	22.22	22.15	24.00
		8	4	22.29	22.28	22.25	24.00
		8	4	22.29	22.28	22.25	24.00



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		8	7	22.40	22.42	22.36	24.00
		15	0	22.42	22.33	22.30	24.00
	16QAM	1	0	22.24	22.17	22.13	24.00
		1	7	22.22	22.40	22.29	24.00
		1	14	22.28	22.27	22.38	24.00
		8	0	21.27	21.10	21.23	23.00
		8	4	21.08	21.22	21.05	23.00
		8	7	21.35	21.21	21.40	23.00
		15	0	21.19	21.21	21.26	23.00
	64QAM	1	0	21.11	21.08	21.07	23.00
		1	7	21.29	21.35	21.20	23.00
		1	14	21.32	21.27	21.30	23.00
		8	0	20.19	20.32	20.27	22.00
		8	4	20.36	20.25	20.21	22.00
		8	7	20.12	20.32	20.32	22.00
		15	0	20.17	20.14	20.19	22.00
	256QAM	1	0	18.31	18.27	18.43	20.00
		1	7	18.25	18.23	18.24	20.00
		1	14	18.20	18.29	18.26	20.00
		8	0	18.32	18.30	18.53	20.00
		8	4	18.44	18.42	18.24	20.00
		8	7	18.24	18.24	18.19	20.00
		15	0	18.11	18.32	18.15	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				131997	132322	132647	
5MHz	QPSK	1	0	23.48	23.64	23.64	25.00
		1	13	23.53	23.65	23.38	25.00
		1	24	23.61	23.59	23.40	25.00
		12	0	22.28	22.25	22.30	24.00
		12	6	22.34	22.28	22.32	24.00
		12	13	22.31	22.22	22.23	24.00
		25	0	22.42	22.42	22.33	24.00
	16QAM	1	0	22.22	22.20	22.24	24.00
		1	13	22.35	22.26	22.20	24.00
		1	24	22.34	22.45	22.25	24.00
		12	0	21.32	21.18	21.20	23.00
		12	6	21.02	21.17	21.07	23.00
		12	13	21.27	21.12	21.35	23.00
		25	0	21.14	21.17	21.31	23.00
	64QAM	1	0	21.09	21.16	21.10	23.00



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		1	13	21.31	21.22	21.14	23.00
		1	24	21.30	21.26	21.20	23.00
		12	0	20.10	20.28	20.40	22.00
		12	6	20.25	20.20	20.29	22.00
		12	13	20.30	20.39	20.28	22.00
		25	0	20.16	20.11	20.20	22.00
	256QAM	1	0	18.28	18.38	18.38	20.00
		1	13	18.20	18.32	18.32	20.00
		1	24	18.36	18.16	18.12	20.00
		12	0	18.33	18.39	18.33	20.00
		12	6	18.36	18.28	18.30	20.00
		12	13	18.25	18.35	18.30	20.00
		25	0	18.26	18.31	18.16	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132022	132322	132622	
10MHz	QPSK	1	0	23.49	23.74	23.65	25.00
		1	25	23.62	23.61	23.55	25.00
		1	49	23.55	23.51	23.53	25.00
		25	0	22.38	22.16	22.33	24.00
		25	13	22.21	22.22	22.30	24.00
		25	25	22.41	22.32	22.27	24.00
		50	0	22.41	22.25	22.28	24.00
	16QAM	1	0	22.17	22.34	22.21	24.00
		1	25	22.25	22.30	22.24	24.00
		1	49	22.30	22.34	22.40	24.00
		25	0	21.27	21.29	21.22	23.00
		25	13	21.19	21.16	21.21	23.00
		25	25	21.37	21.32	21.24	23.00
		50	0	21.19	21.26	21.26	23.00
	64QAM	1	0	21.17	21.20	21.07	23.00
		1	25	21.39	21.39	21.34	23.00
		1	49	21.31	21.33	21.31	23.00
		25	0	20.23	20.27	20.24	22.00
		25	13	20.41	20.22	20.22	22.00
		25	25	20.15	20.35	20.40	22.00
		50	0	20.10	20.23	20.22	22.00
	256QAM	1	0	18.28	18.22	18.29	20.00
		1	25	18.08	18.15	18.27	20.00
		1	49	18.27	18.26	18.14	20.00
		25	0	18.29	18.38	18.36	20.00



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		25	13	18.43	18.27	18.19	20.00
		25	25	18.30	18.30	18.34	20.00
		50	0	18.19	18.24	18.31	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132047	132322	132597	
15MHz	QPSK	1	0	23.52	23.69	23.68	25.00
		1	38	23.64	23.65	23.40	25.00
		1	74	23.63	23.54	23.58	25.00
		36	0	22.20	22.13	22.35	24.00
		36	18	22.22	22.26	22.23	24.00
		36	39	22.36	22.37	22.25	24.00
		75	0	22.37	22.29	22.30	24.00
	16QAM	1	0	22.25	22.26	22.25	24.00
		1	38	22.17	22.44	22.28	24.00
		1	74	22.37	22.31	22.39	24.00
		36	0	21.27	21.18	21.09	23.00
		36	18	21.05	21.28	21.14	23.00
		36	39	21.29	21.26	21.36	23.00
		75	0	21.31	21.16	21.23	23.00
	64QAM	1	0	21.27	21.26	21.12	23.00
		1	38	21.40	21.35	21.14	23.00
		1	74	21.37	21.26	21.32	23.00
		36	0	20.28	20.18	20.35	22.00
		36	18	20.32	20.28	20.27	22.00
		36	39	20.13	20.24	20.36	22.00
		75	0	20.10	20.16	20.27	22.00
	256QAM	1	0	18.14	18.33	18.30	20.00
		1	38	18.23	18.30	18.37	20.00
		1	74	18.37	18.23	18.29	20.00
		36	0	18.41	18.40	18.44	20.00
		36	18	18.36	18.22	18.35	20.00
		36	39	18.22	18.32	18.25	20.00
		75	0	18.16	18.18	18.26	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				132072	132322	132572	
20MHz	QPSK	1	0	23.58	23.66	23.67	25.00
		1	50	23.58	23.58	23.48	25.00
		1	99	23.58	23.57	23.48	25.00
		50	0	22.29	22.21	22.25	24.00
		50	25	22.29	22.29	22.29	24.00



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		50	50	22.32	22.32	22.30	24.00
		100	0	22.42	22.35	22.35	24.00
	16QAM	1	0	22.25	22.27	22.19	24.00
		1	50	22.25	22.34	22.25	24.00
		1	99	22.38	22.36	22.32	24.00
		50	0	21.26	21.19	21.17	23.00
		50	25	21.12	21.18	21.11	23.00
		50	50	21.29	21.22	21.30	23.00
		100	0	21.22	21.25	21.23	23.00
	64QAM	1	0	21.19	21.17	21.17	23.00
		1	50	21.30	21.29	21.24	23.00
		1	99	21.34	21.30	21.23	23.00
		50	0	20.18	20.24	20.32	22.00
		50	25	20.32	20.28	20.21	22.00
		50	50	20.21	20.29	20.30	22.00
		100	0	20.10	20.20	20.17	22.00
	256QAM	1	0	18.22	18.29	18.35	20.00
		1	50	18.18	18.22	18.27	20.00
		1	99	18.29	18.24	18.21	20.00
		50	0	18.39	18.33	18.43	20.00
		50	25	18.41	18.32	18.25	20.00
		50	50	18.24	18.29	18.27	20.00
		100	0	18.21	18.27	18.25	20.00



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LTE Band 38 DS14/5/1/3/6/2				Conducted Power(dBm)			
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37775	38000	38225	
5MHz	QPSK	1	0	23.51	23.56	23.43	25.00
		1	13	23.46	23.37	23.63	25.00
		1	24	23.45	23.46	23.56	25.00
		12	0	22.36	22.38	22.16	24.00
		12	6	22.20	22.40	22.26	24.00
		12	13	22.47	22.45	22.56	24.00
		25	0	22.31	22.41	22.52	24.00
	16QAM	1	0	22.34	22.42	22.61	24.00
		1	13	22.34	22.47	22.28	24.00
		1	24	22.53	22.41	22.60	24.00
		12	0	21.29	21.18	21.36	23.00
		12	6	21.26	21.30	21.35	23.00
		12	13	21.31	21.46	21.54	23.00
		25	0	21.29	21.37	21.27	23.00
	64QAM	1	0	21.37	21.17	21.12	23.00
		1	13	21.29	21.17	21.24	23.00
		1	24	21.15	21.25	21.32	23.00
		12	0	20.27	20.39	20.36	22.00
		12	6	20.52	20.47	20.53	22.00
		12	13	20.39	20.52	20.55	22.00
		25	0	20.29	20.48	20.47	22.00
	256QAM	1	0	18.14	18.11	18.12	20.00
		1	13	18.09	18.12	18.17	20.00
		1	24	18.33	18.32	18.18	20.00
		12	0	18.32	18.19	18.22	20.00
		12	6	18.40	18.29	18.36	20.00
		12	13	18.21	18.15	18.32	20.00
		25	0	18.27	18.19	18.28	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37800	38000	38200	
10MHz	QPSK	1	0	23.65	23.41	23.49	25.00
		1	25	23.39	23.41	23.53	25.00
		1	49	23.60	23.57	23.58	25.00
		25	0	22.30	22.26	22.14	24.00
		25	13	22.20	22.33	22.41	24.00



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		25	25	22.42	22.32	22.40	24.00
		50	0	22.45	22.39	22.46	24.00
	16QAM	1	0	22.50	22.52	22.58	24.00
		1	25	22.28	22.29	22.22	24.00
		1	49	22.48	22.37	22.42	24.00
		25	0	21.25	21.27	21.33	23.00
		25	13	21.37	21.26	21.42	23.00
		25	25	21.50	21.32	21.41	23.00
		50	0	21.20	21.37	21.36	23.00
	64QAM	1	0	21.26	21.27	21.18	23.00
		1	25	21.23	21.14	21.16	23.00
		1	49	21.27	21.37	21.39	23.00
		25	0	20.45	20.40	20.30	22.00
		25	13	20.46	20.37	20.40	22.00
		25	25	20.56	20.46	20.51	22.00
		50	0	20.38	20.34	20.43	22.00
	256QAM	1	0	18.27	18.27	18.12	20.00
		1	25	18.13	18.21	18.20	20.00
		1	49	18.20	18.31	18.22	20.00
		25	0	18.39	18.26	18.13	20.00
		25	13	18.26	18.22	18.26	20.00
		25	25	18.31	18.29	18.17	20.00
		50	0	18.29	18.23	18.22	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37825	38000	38175	
15MHz	QPSK	1	0	23.54	23.47	23.48	25.00
		1	38	23.37	23.48	23.53	25.00
		1	74	23.49	23.46	23.58	25.00
		36	0	22.25	22.33	22.27	24.00
		36	18	22.35	22.24	22.34	24.00
		36	39	22.43	22.32	22.53	24.00
		75	0	22.31	22.54	22.49	24.00
	16QAM	1	0	22.37	22.47	22.67	24.00
		1	38	22.44	22.42	22.26	24.00
		1	74	22.57	22.36	22.45	24.00
		36	0	21.17	21.24	21.32	23.00
		36	18	21.30	21.40	21.52	23.00
		36	39	21.45	21.40	21.57	23.00
		75	0	21.39	21.32	21.23	23.00
	64QAM	1	0	21.28	21.18	21.19	23.00



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		1	38	21.17	21.26	21.32	23.00
		1	74	21.26	21.32	21.40	23.00
		36	0	20.33	20.28	20.32	22.00
		36	18	20.40	20.45	20.45	22.00
		36	39	20.56	20.47	20.38	22.00
		75	0	20.43	20.44	20.46	22.00
		1	0	18.19	18.10	18.18	20.00
	256QAM	1	38	18.23	18.24	18.15	20.00
		1	74	18.14	18.18	18.21	20.00
		36	0	18.30	18.17	18.11	20.00
		36	18	18.29	18.19	18.34	20.00
		36	39	18.21	18.28	18.28	20.00
		75	0	18.30	18.27	18.38	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Tune up
				37850	38000	38150	
20MHz	QPSK	1	0	23.57	23.47	23.51	25.00
		1	50	23.39	23.44	23.54	25.00
		1	99	23.51	23.52	23.61	25.00
		50	0	22.28	22.30	22.20	24.00
		50	25	22.26	22.32	22.36	24.00
		50	50	22.41	22.42	22.46	24.00
		100	0	22.41	22.45	22.42	24.00
	16QAM	1	0	22.43	22.47	22.57	24.00
		1	50	22.38	22.39	22.31	24.00
		1	99	22.51	22.41	22.51	24.00
		50	0	21.25	21.28	21.30	23.00
		50	25	21.35	21.33	21.43	23.00
		50	50	21.41	21.39	21.48	23.00
		100	0	21.29	21.37	21.29	23.00
	64QAM	1	0	21.33	21.25	21.21	23.00
		1	50	21.23	21.22	21.22	23.00
		1	99	21.20	21.29	21.38	23.00
		50	0	20.35	20.31	20.38	22.00
		50	25	20.45	20.44	20.48	22.00
		50	50	20.46	20.43	20.45	22.00
		100	0	20.33	20.40	20.44	22.00
	256QAM	1	0	18.23	18.19	18.10	20.00
		1	50	18.14	18.22	18.23	20.00
		1	99	18.24	18.24	18.23	20.00
		50	0	18.32	18.23	18.18	20.00



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		50	25	18.30	18.29	18.30	20.00
		50	50	18.26	18.25	18.26	20.00
		100	0	18.22	18.22	18.29	20.00



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LTE Band 41 2496 - 2690 DS14/5/1/3/6/2				Conducted Power(dBm)					
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39675	40148	40620	41093	41565	
5MHz	QPSK	1	0	23.83	23.83	23.71	23.71	23.91	25.00
		1	13	23.77	23.55	23.71	23.63	23.49	25.00
		1	24	23.54	23.60	23.55	23.61	23.55	25.00
		12	0	22.38	22.29	22.37	22.59	22.35	24.00
		12	6	22.29	22.70	22.43	22.31	22.27	24.00
		12	13	22.49	22.24	22.25	22.11	22.45	24.00
		25	0	22.43	22.43	22.48	22.40	22.57	24.00
	16QAM	1	0	22.43	22.42	22.33	22.56	22.54	24.00
		1	13	22.48	22.46	22.45	22.40	22.21	24.00
		1	24	22.27	22.37	22.34	22.46	22.31	24.00
		12	0	21.38	21.46	21.45	21.53	21.25	23.00
		12	6	21.65	21.26	21.38	21.26	21.63	23.00
		12	13	21.54	21.59	21.41	21.70	21.74	23.00
		25	0	21.46	21.67	21.60	21.59	21.53	23.00
	64QAM	1	0	21.55	21.70	21.59	21.53	21.76	23.00
		1	13	21.53	21.26	21.43	21.26	21.60	23.00
		1	24	21.47	21.70	21.48	21.67	21.54	23.00
		12	0	20.34	20.34	20.48	20.42	20.20	22.00
		12	6	20.26	20.17	20.46	20.19	20.53	22.00
		12	13	20.64	20.47	20.63	20.54	20.33	22.00
		25	0	20.50	20.42	20.53	20.68	20.44	22.00
	256QAM	1	0	18.44	18.53	18.30	18.29	18.50	20.00
		1	13	18.43	18.54	18.39	18.50	18.32	20.00
		1	24	18.65	18.88	18.54	18.61	18.47	20.00
		12	0	18.26	18.40	18.32	18.37	18.55	20.00
		12	6	18.21	18.34	18.29	18.32	18.41	20.00
		12	13	18.60	18.67	18.47	18.38	18.52	20.00
		25	0	18.53	18.66	18.37	18.66	18.44	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
10MHz	QPSK	1	0	23.62	23.75	23.67	23.70	23.92	25.00
		1	25	23.74	23.81	23.58	23.80	23.37	25.00
		1	49	23.33	23.46	23.63	23.45	23.44	25.00
		25	0	22.26	22.19	22.57	22.35	22.60	24.00
		25	13	22.21	22.47	22.42	22.49	22.46	24.00
		25	13	22.21	22.47	22.42	22.49	22.46	24.00



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		25	25	22.56	22.41	22.49	22.31	22.39	24.00
		50	0	22.36	22.59	22.55	22.52	22.48	24.00
	16QAM	1	0	22.68	22.63	22.62	22.56	22.48	24.00
		1	25	22.36	22.29	22.48	22.20	22.14	24.00
		1	49	22.19	22.50	22.38	22.42	22.48	24.00
		25	0	21.54	21.17	21.45	21.44	21.44	23.00
		25	13	21.63	21.46	21.42	21.39	21.65	23.00
		25	25	21.37	21.51	21.53	21.55	21.77	23.00
		50	0	21.55	21.39	21.42	21.63	21.55	23.00
	64QAM	1	0	21.27	21.59	21.54	21.33	21.61	23.00
		1	25	21.47	21.40	21.45	21.38	21.34	23.00
		1	49	21.48	21.52	21.57	21.62	21.70	23.00
		25	0	20.18	20.25	20.43	20.36	20.28	22.00
		25	13	20.45	20.23	20.52	20.27	20.44	22.00
		25	25	20.49	20.48	20.48	20.72	20.41	22.00
		50	0	20.51	20.48	20.52	20.41	20.56	22.00
	256QAM	1	0	18.32	18.26	18.23	18.30	18.49	20.00
		1	25	18.65	18.67	18.62	18.48	18.49	20.00
		1	49	18.68	18.69	18.48	18.72	18.47	20.00
		25	0	18.51	18.28	18.43	18.33	18.64	20.00
		25	13	18.31	18.57	18.24	18.51	18.25	20.00
		25	25	18.49	18.64	18.36	18.35	18.38	20.00
		50	0	18.64	18.58	18.48	18.65	18.54	20.00
Bandwidth	Modulation	RB size	RB offset	Channel	Channel	Channel	Channel	Channel	Tune up
				39725	40173	40620	41068	41515	
15MHz	QPSK	1	0	23.79	23.66	23.78	23.61	23.97	25.00
		1	38	23.78	23.73	23.64	23.71	23.62	25.00
		1	74	23.49	23.63	23.59	23.54	23.43	25.00
		36	0	22.39	22.20	22.52	22.55	22.33	24.00
		36	18	22.42	22.47	22.50	22.53	22.35	24.00
		36	39	22.49	22.36	22.36	22.37	22.46	24.00
		75	0	22.64	22.53	22.70	22.35	22.54	24.00
	16QAM	1	0	22.42	22.47	22.40	22.46	22.54	24.00
		1	38	22.48	22.36	22.27	22.22	22.23	24.00
		1	74	22.29	22.38	22.48	22.48	22.32	24.00
		36	0	21.37	21.17	21.60	21.59	21.25	23.00
		36	18	21.58	21.27	21.55	21.35	21.49	23.00
		36	39	21.44	21.49	21.50	21.67	21.67	23.00
		75	0	21.43	21.58	21.69	21.70	21.73	23.00
	64QAM	1	0	21.46	21.47	21.40	21.30	21.74	23.00



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		50	25	18.33	18.46	18.39	18.37	18.36	20.00
		50	50	18.56	18.58	18.44	18.32	18.41	20.00
		100	0	18.61	18.54	18.49	18.63	18.51	20.00



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9 Conducted Power of WIFI and Bluetooth

9.1 Conducted Power of 2.4G WIFI

WIFI 2.4G Ant 9 Set1/6					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	17.11	18.50
	6	2437		17.01	18.50
	11	2462		16.57	17.50
802.11g	1	2412	6	9.56	10.50
	6	2437		9.84	10.50
	11	2462		9.96	10.50
802.11n HT20	1	2412	6.5	8.72	10.50
	6	2437		9.02	10.50
	11	2462		8.81	10.00
802.11n HT40	3	2422	13.5	9.57	10.50
	6	2437		9.56	10.50
	9	2452		8.92	9.50
802.11ax HE20	1	2412	MCS0	9.48	10.50
	6	2437		9.66	10.50
	11	2462		9.54	10.00
802.11ax HE40	3	2422	MCS0	9.59	10.50
	6	2437		9.72	10.50
	9	2452		9.05	9.50

WIFI 2.4G Ant 10 Set1/6					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.13	19.00
	6	2437		17.57	19.00
	11	2462		16.46	18.00
802.11g	1	2412	6	11.10	11.50
	6	2437		10.37	11.50
	11	2462		10.28	11.50
802.11n HT20	1	2412	6.5	10.34	11.00
	6	2437		9.57	11.00
	11	2462		8.91	10.50
802.11n HT40	3	2422	13.5	10.81	11.00
	6	2437		9.17	11.00
	9	2452		9.76	10.00
802.11ax HE20	1	2412	MCS0	10.54	11.00
	6	2437		9.67	11.00
	11	2462		9.08	10.50
802.11ax HE40	3	2422	MCS0	10.41	11.00
	6	2437		9.05	11.00
	9	2452		9.42	10.00



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WIFI 2.4G MIMO Set1/6					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	20.66	21.50
	6	2437		20.31	21.50
	11	2462		19.53	20.50
802.11g	1	2412	6	13.41	13.50
	6	2437		13.12	13.50
	11	2462		13.13	13.50
802.11n HT20	1	2412	6.5	12.62	13.50
	6	2437		12.31	13.50
	11	2462		11.87	13.00
802.11n HT40	3	2422	13.5	13.24	13.50
	6	2437		12.38	13.50
	9	2452		12.37	12.50
802.11ax HE20	1	2412	MCS0	13.05	13.50
	6	2437		12.68	13.50
	11	2462		12.33	13.00
802.11ax HE40	3	2422	MCS0	13.03	13.50
	6	2437		12.41	13.50
	9	2452		12.25	12.50

WIFI 2.4G Ant 9 Set4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.63	17.00
	6	2437		15.47	17.00
	11	2462		15.08	16.00
802.11g	1	2412	6	8.11	9.50
	6	2437		8.24	9.50
	11	2462		8.95	9.50
802.11n HT20	1	2412	6.5	7.21	9.00
	6	2437		7.49	9.00
	11	2462		7.29	8.50
802.11n HT40	3	2422	13.5	8.05	9.00
	6	2437		8.01	9.00
	9	2452		7.40	8.00
802.11ax HE20	1	2412	MCS0	7.96	9.00
	6	2437		8.16	9.00
	11	2462		8.04	8.50
802.11ax HE40	3	2422	MCS0	8.09	9.00
	6	2437		8.24	9.00
	9	2452		7.54	8.00



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WIFI 2.4G Ant 10 Set4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.60	17.50
	6	2437		15.99	17.50
	11	2462		14.88	16.50
802.11g	1	2412	6	9.19	10.00
	6	2437		8.78	10.00
	11	2462		8.69	10.00
802.11n HT20	1	2412	6.5	8.82	9.50
	6	2437		7.99	9.50
	11	2462		7.33	9.00
802.11n HT40	3	2422	13.5	9.29	9.50
	6	2437		7.59	9.50
	9	2452		7.87	8.50
802.11ax HE20	1	2412	MCS0	8.99	9.50
	6	2437		8.12	9.50
	11	2462		7.52	9.00
802.11ax HE40	3	2422	MCS0	8.85	9.50
	6	2437		7.58	9.50
	9	2452		7.84	8.50

WIFI 2.4G MIMO Set4					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	19.09	20.00
	6	2437		18.69	20.00
	11	2462		17.91	19.00
802.11g	1	2412	6	11.86	12.00
	6	2437		11.68	12.00
	11	2462		11.84	12.00
802.11n HT20	1	2412	6.5	11.05	12.00
	6	2437		10.70	12.00
	11	2462		10.26	11.50
802.11n HT40	3	2422	13.5	11.69	12.00
	6	2437		10.75	12.00
	9	2452		10.62	11.00
802.11ax HE20	1	2412	MCS0	11.49	12.00
	6	2437		11.09	12.00
	11	2462		10.73	11.50
802.11ax HE40	3	2422	MCS0	11.45	12.00
	6	2437		10.88	12.00
	9	2452		10.61	11.00



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WIFI 2.4G Ant 9 Set5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	12.64	14.00
	6	2437		12.56	14.00
	11	2462		12.10	13.00
802.11g	1	2412	6	5.11	6.00
	6	2437		5.38	6.00
	11	2462		5.41	6.00
802.11n HT20	1	2412	6.5	4.20	6.00
	6	2437		4.50	6.00
	11	2462		4.28	5.50
802.11n HT40	3	2422	13.5	5.09	6.00
	6	2437		5.02	6.00
	9	2452		4.42	5.00
802.11ax HE20	1	2412	MCS0	5.00	6.00
	6	2437		5.17	6.00
	11	2462		5.06	5.50
802.11ax HE40	3	2422	MCS0	5.04	6.00
	6	2437		5.21	6.00
	9	2452		4.56	5.00

WIFI 2.4G Ant 10 Set5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	13.64	14.50
	6	2437		13.04	14.50
	11	2462		11.95	13.50
802.11g	1	2412	6	6.63	7.00
	6	2437		5.89	7.00
	11	2462		5.83	7.00
802.11n HT20	1	2412	6.5	5.85	6.50
	6	2437		5.06	6.50
	11	2462		4.37	6.00
802.11n HT40	3	2422	13.5	6.26	6.50
	6	2437		4.71	6.50
	9	2452		5.25	5.50
802.11ax HE20	1	2412	MCS0	6.01	6.50
	6	2437		5.21	6.50
	11	2462		4.63	6.00
802.11ax HE40	3	2422	MCS0	5.90	6.50
	6	2437		4.54	6.50
	9	2452		4.95	5.50



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WIFI 2.4G MIMO Set5					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	16.12	17.00
	6	2437		15.76	17.00
	11	2462		14.98	16.00
802.11g	1	2412	6	8.89	9.00
	6	2437		8.59	9.00
	11	2462		8.58	9.00
802.11n HT20	1	2412	6.5	8.06	9.00
	6	2437		7.74	9.00
	11	2462		7.28	8.50
802.11n HT40	3	2422	13.5	8.67	9.00
	6	2437		7.82	9.00
	9	2452		7.81	8.00
802.11ax HE20	1	2412	MCS0	8.49	9.00
	6	2437		8.14	9.00
	11	2462		7.80	8.50
802.11ax HE40	3	2422	MCS0	8.44	9.00
	6	2437		7.84	9.00
	9	2452		7.71	8.00

WIFI 2.4G Ant 9 Set2/3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	14.61	16.00
	6	2437		14.47	16.00
	11	2462		14.07	15.00
802.11g	1	2412	6	7.03	8.00
	6	2437		7.37	8.00
	11	2462		7.41	8.00
802.11n HT20	1	2412	6.5	6.23	8.00
	6	2437		6.54	8.00
	11	2462		6.27	7.50
802.11n HT40	3	2422	13.5	7.04	8.00
	6	2437		7.09	8.00
	9	2452		6.42	7.00
802.11ax HE20	1	2412	MCS0	7.03	8.00
	6	2437		7.16	8.00
	11	2462		7.09	7.50
802.11ax HE40	3	2422	MCS0	7.04	8.00
	6	2437		7.24	8.00
	9	2452		6.60	7.00



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WIFI 2.4G Ant 10 Set2/3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	15.68	16.50
	6	2437		15.10	16.50
	11	2462		13.91	15.50
802.11g	1	2412	6	8.58	9.00
	6	2437		7.84	9.00
	11	2462		7.73	9.00
802.11n HT20	1	2412	6.5	7.80	8.50
	6	2437		7.03	8.50
	11	2462		6.42	8.00
802.11n HT40	3	2422	13.5	8.26	8.50
	6	2437		6.62	8.50
	9	2452		7.22	7.50
802.11ax HE20	1	2412	MCS0	8.07	8.50
	6	2437		7.22	8.50
	11	2462		6.56	8.00
802.11ax HE40	3	2422	MCS0	7.95	8.50
	6	2437		6.57	8.50
	9	2452		6.90	7.50

WIFI 2.4G MIMO Set2/3					
Mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11b	1	2412	1	18.13	19.00
	6	2437		17.75	19.00
	11	2462		16.94	18.00
802.11g	1	2412	6	10.83	11.00
	6	2437		10.56	11.00
	11	2462		10.52	11.00
802.11n HT20	1	2412	6.5	10.04	11.00
	6	2437		9.74	11.00
	11	2462		9.30	10.50
802.11n HT40	3	2422	13.5	10.65	11.00
	6	2437		9.81	11.00
	9	2452		9.79	10.00
802.11ax HE20	1	2412	MCS0	10.53	11.00
	6	2437		10.14	11.00
	11	2462		9.78	10.50
802.11ax HE40	3	2422	MCS0	10.47	11.00
	6	2437		9.87	11.00
	9	2452		9.70	10.00



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9.2 Conducted Power of 5G WIFI

WIFI 5G Ant 9 Set1/2/3/4/6						
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11a	U-NII-1	36	5180	6	17.04	18.00
		40	5200		17.00	18.00
		44	5220		17.10	18.00
		48	5240		17.15	18.00
	U-NII-2A	52	5260		17.33	18.00
		56	5280		17.54	18.00
		60	5300		17.47	18.00
		64	5320		17.60	18.00
	U-NII-2C	100	5500		16.92	18.00
		104	5520		16.85	18.00
		108	5540		16.97	18.00
		112	5560		17.31	18.00
		116	5580		17.27	18.00
		120	5600		17.25	18.00
		124	5620		17.29	18.00
		128	5640		17.39	18.00
		132	5660		17.41	18.00
		136	5680		17.56	18.00
		140	5700		17.43	18.00
		144	5720		17.24	18.00
	U-NII-3	149	5745		17.07	18.00
		153	5765		17.14	18.00
		157	5785		17.19	18.00
		161	5805		17.34	18.00
		165	5825		17.48	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT20	U-NII-1	36	5180	MCS0	16.75	18.00
		40	5200		16.70	18.00
		44	5220		16.81	18.00
		48	5240		16.86	18.00
	U-NII-2A	52	5260		17.14	18.00
		56	5280		17.18	18.00
		60	5300		17.27	18.00
		64	5320		17.29	18.00
	U-NII-2C	100	5500		16.62	18.00
		104	5520		16.51	18.00
		108	5540		16.67	18.00
		112	5560		16.93	18.00



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		116	5580		16.97	18.00
		120	5600		16.95	18.00
		124	5620		16.99	18.00
		128	5640		17.08	18.00
		132	5660		17.19	18.00
		136	5680		17.16	18.00
		140	5700		17.05	18.00
		144	5720		16.93	18.00
	U-NII-3	149	5745		17.22	18.00
		153	5765		17.28	18.00
		157	5785		17.35	18.00
		161	5805		17.54	18.00
		165	5825		17.63	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11n-HT40	U-NII-1	38	5190	MCS0	15.03	16.00
		46	5230		17.27	18.00
	U-NII-2A	54	5270		17.04	18.00
		62	5310		16.22	17.00
	U-NII-2C	102	5510		15.59	17.00
		110	5550		16.60	18.00
		118	5590		16.78	18.00
		126	5630		16.88	18.00
		134	5670		17.04	18.00
		142	5710		16.91	18.00
	U-NII-3	151	5755		16.60	18.00
		159	5795		16.85	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 20M	U-NII-1	36	5180	MCS0	17.28	18.00
		40	5200		17.19	18.00
		44	5220		17.21	18.00
		48	5240		17.27	18.00
	U-NII-2A	52	5260		17.11	18.00
		56	5280		17.13	18.00
		60	5300		17.22	18.00
		64	5320		17.23	18.00
	U-NII-2C	100	5500		17.03	18.00
		104	5520		16.95	18.00
		108	5540		17.16	18.00
		112	5560		17.39	18.00
		116	5580		17.36	18.00
		120	5600		17.39	18.00



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		124	5620		17.44	18.00
		128	5640		17.52	18.00
		132	5660		17.68	18.00
		136	5680		17.62	18.00
		140	5700		17.56	18.00
		144	5720		17.38	18.00
	U-NII-3	149	5745		17.18	18.00
		153	5765		17.25	18.00
		157	5785		17.32	18.00
		161	5805		17.49	18.00
		165	5825		17.57	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 40M	U-NII-1	38	5190	MCS0	15.03	16.00
		46	5230		17.17	18.00
	U-NII-2A	54	5270		16.99	18.00
		62	5310		15.36	17.00
	U-NII-2C	102	5510		15.39	17.00
		110	5550		16.54	18.00
		118	5590		16.76	18.00
		126	5630		16.92	18.00
		134	5670		16.93	18.00
		142	5710		16.91	18.00
	U-NII-3	151	5755		16.59	18.00
		159	5795		16.87	18.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 80M	U-NII-1	42	5210	MCS0	15.31	16.00
	U-NII-2A	58	5290		15.21	16.50
	U-NII-2C	106	5530		15.01	16.00
		122	5610		18.42	19.00
		138	5690		18.56	19.00
	U-NII-3	155	5775		18.31	19.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ac 160M	U-NII-2A	50	5250	MCS0	14.35	15.50
	U-NII-2C	114	5570		14.36	15.00
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 20M	U-NII-1	36	5180	MCS0	16.90	18.00
		40	5200		16.84	18.00
		44	5220		16.94	18.00
		48	5240		16.95	18.00
	U-NII-2A	52	5260		17.25	18.00



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		56	5280		17.31	18.00	
		60	5300		17.35	18.00	
		64	5320		17.45	18.00	
	U-NII-2C	100	5500		16.87	18.00	
		104	5520		16.72	18.00	
		108	5540		16.83	18.00	
		112	5560		17.00	18.00	
		116	5580		17.03	18.00	
		120	5600		17.04	18.00	
		124	5620		17.11	18.00	
		128	5640		17.18	18.00	
		132	5660		17.25	18.00	
		136	5680		17.27	18.00	
		140	5700		17.23	18.00	
		144	5720		17.17	18.00	
		U-NII-3	149		5745	16.93	18.00
			153		5765	17.00	18.00
	157		5785		17.08	18.00	
	161		5805		17.18	18.00	
	165		5825		17.23	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax 40M	U-NII-1	38	5190	MCS0	15.18	16.00	
		46	5230		17.34	18.00	
	U-NII-2A	54	5270		17.65	18.00	
		62	5310		16.70	17.00	
	U-NII-2C	102	5510		15.98	17.00	
		110	5550		17.18	18.00	
		118	5590		17.37	18.00	
		126	5630		17.52	18.00	
		134	5670		17.56	18.00	
		142	5710		17.50	18.00	
		U-NII-3	151		5755	17.23	18.00
	159		5795		17.41	18.00	
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up	
802.11ax 80M	U-NII-1	42	5210	MCS0	15.15	16.00	
	U-NII-2A	58	5290		16.07	16.50	
	U-NII-2C	106	5530		14.95	16.00	
		122	5610		18.26	19.00	
		138	5690		18.40	19.00	
	U-NII-3	155	5775		18.15	19.00	



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5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
802.11ax 160M	U-NII-2A	50	5250	MCS0	14.41	15.50
	U-NII-2C	114	5570		14.86	15.00



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WIFI 5G Ant 10 Set1/2/3/4/6								
5GHz	mode	Channel	Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up		
802.11a	U-NII-1	36	5180	6	18.10	19.00		
		40	5200		18.36	19.00		
		44	5220		18.25	19.00		
		48	5240		18.16	19.00		
	U-NII-2A	52	5260		17.90	19.00		
		56	5280		17.91	19.00		
		60	5300		17.95	19.00		
		64	5320		18.01	19.00		
	U-NII-2C	100	5500		17.95	19.00		
		104	5520		17.91	19.00		
		108	5540		18.13	19.00		
		112	5560		18.11	19.00		
		116	5580		18.19	19.00		
		120	5600		18.28	19.00		
		124	5620		18.35	19.00		
		128	5640		18.33	19.00		
		132	5660		18.43	19.00		
		136	5680		18.38	19.00		
		140	5700		18.47	19.00		
		144	5720		18.32	19.00		
	U-NII-3	149	5745		18.36	19.00		
		153	5765		18.35	19.00		
		157	5785		18.27	19.00		
		161	5805		18.29	19.00		
		165	5825		18.13	19.00		
	5GHz	mode	Channel		Frequency(MHz)	Data Rate(Mbps)	Average Power (dBm)	Tune up
	802.11n-HT20	U-NII-1	36		5180	MCS0	17.89	19.00
			40		5200		17.98	19.00
			44		5220		17.92	19.00
			48		5240		17.84	19.00
U-NII-2A		52	5260	18.10	19.00			
		56	5280	18.09	19.00			
		60	5300	18.13	19.00			
		64	5320	18.15	19.00			
U-NII-2C		100	5500	17.68	19.00			
		104	5520	17.62	19.00			
		108	5540	17.89	19.00			
		112	5560	17.92	19.00			



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