



FCC SAR TEST REPORT

Report No. : FA411111B

Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.71	24.04	24.10	25.2
3	QPSK	1	8	23.91	24.00	23.88	
3	QPSK	1	14	24.01	24.02	24.04	
3	QPSK	8	0	22.90	22.88	22.96	24.2
3	QPSK	8	4	22.92	22.96	22.96	
3	QPSK	8	7	23.03	23.04	22.93	
3	QPSK	15	0	22.96	23.05	22.98	
3	16QAM	1	0	22.80	22.85	22.82	24.2
3	16QAM	1	8	23.02	22.95	23.01	
3	16QAM	1	14	22.99	23.07	23.03	
3	16QAM	8	0	21.80	21.95	21.84	23.2
3	16QAM	8	4	21.88	21.90	21.81	
3	16QAM	8	7	22.03	22.00	22.00	
3	16QAM	15	0	22.02	22.02	21.92	
3	64QAM	1	0	22.40	22.46	22.44	23.2
3	64QAM	1	8	22.46	22.54	22.48	
3	64QAM	1	14	22.55	22.68	22.71	
3	64QAM	8	0	20.85	20.91	20.89	22.2
3	64QAM	8	4	20.91	20.93	20.95	
3	64QAM	8	7	21.01	21.10	20.97	
3	64QAM	15	0	20.92	20.97	20.90	
3	256QAM	1	0	19.05	19.10	18.98	20.2
3	256QAM	1	8	19.11	19.23	19.15	
3	256QAM	1	14	19.31	19.41	19.26	
3	256QAM	8	0	19.01	18.98	19.00	20.2
3	256QAM	8	4	19.06	19.13	18.99	
3	256QAM	8	7	19.15	19.22	19.26	
3	256QAM	15	0	18.97	19.07	19.03	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.77	24.06	24.04	25.2
1.4	QPSK	1	3	23.90	23.92	23.86	
1.4	QPSK	1	5	24.04	24.06	24.06	
1.4	QPSK	3	0	23.65	23.87	23.86	
1.4	QPSK	3	1	23.80	23.73	23.76	
1.4	QPSK	3	3	23.86	23.88	23.92	
1.4	QPSK	6	0	22.83	22.96	22.95	24.2
1.4	16QAM	1	0	22.96	22.96	22.92	24.2
1.4	16QAM	1	3	23.00	22.97	22.92	
1.4	16QAM	1	5	23.03	22.99	22.94	
1.4	16QAM	3	0	22.85	22.89	22.85	
1.4	16QAM	3	1	23.03	22.93	22.95	
1.4	16QAM	3	3	22.92	23.06	22.97	23.2
1.4	16QAM	6	0	21.89	21.96	21.88	
1.4	64QAM	1	0	21.83	21.89	21.86	
1.4	64QAM	1	3	21.99	22.07	21.98	23.2
1.4	64QAM	1	5	21.95	22.07	21.95	
1.4	64QAM	3	0	22.36	22.47	22.40	
1.4	64QAM	3	1	22.50	22.51	22.45	
1.4	64QAM	3	3	22.58	22.64	22.69	
1.4	64QAM	6	0	20.84	20.96	20.86	22.2
1.4	256QAM	1	0	18.95	19.09	18.91	20.2
1.4	256QAM	1	3	19.19	19.22	19.10	
1.4	256QAM	1	5	19.32	19.38	19.23	
1.4	256QAM	3	0	18.97	19.06	18.95	
1.4	256QAM	3	1	18.98	19.15	19.06	
1.4	256QAM	3	3	19.23	19.23	19.23	20.2
1.4	256QAM	6	0	18.98	19.04	18.95	

**<LTE Band 4_Ant 1_DSI 2 (Wlan On)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	23.90	23.88	24.17	
20	QPSK	1	49	23.80	23.92	24.03	24.7
20	QPSK	1	99	23.95	24.06	24.14	
20	QPSK	50	0	22.81	22.99	23.05	
20	QPSK	50	24	22.96	23.01	23.05	23.7
20	QPSK	50	50	22.91	23.05	23.16	
20	QPSK	100	0	22.91	23.03	23.17	
20	16QAM	1	0	23.01	23.19	23.31	23.7
20	16QAM	1	49	23.17	23.35	23.38	
20	16QAM	1	99	23.16	23.39	23.51	
20	16QAM	50	0	21.88	22.01	22.04	22.7
20	16QAM	50	24	21.95	22.01	22.10	
20	16QAM	50	50	22.01	22.09	22.17	
20	16QAM	100	0	21.91	22.01	22.13	22.7
20	64QAM	1	0	22.01	22.17	22.19	
20	64QAM	1	49	22.07	22.25	22.21	
20	64QAM	1	99	22.15	22.25	22.38	21.7
20	64QAM	50	0	20.87	21.00	21.07	
20	64QAM	50	24	20.96	21.60	21.09	
20	64QAM	50	50	20.94	21.10	21.16	19.7
20	64QAM	100	0	20.97	21.02	21.14	
20	256QAM	1	0	18.86	18.95	19.09	
20	256QAM	1	49	18.95	19.07	19.11	19.7
20	256QAM	1	99	19.11	19.20	19.28	
20	256QAM	50	0	18.85	18.99	19.02	
20	256QAM	50	24	18.97	18.99	19.11	19.7
20	256QAM	50	50	19.01	19.10	19.15	
20	256QAM	100	0	18.89	19.02	19.15	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	23.75	23.68	24.03	
15	QPSK	1	37	23.60	23.78	23.89	24.7
15	QPSK	1	74	23.84	23.92	23.99	
15	QPSK	36	0	22.71	22.80	22.90	
15	QPSK	36	20	22.79	22.83	22.85	23.7
15	QPSK	36	39	22.71	22.87	23.04	
15	QPSK	75	0	22.77	22.85	22.97	
15	16QAM	1	0	22.89	23.01	23.18	23.7
15	16QAM	1	37	23.04	23.16	23.19	
15	16QAM	1	74	23.01	23.22	23.35	
15	16QAM	36	0	21.75	21.91	21.92	22.7
15	16QAM	36	20	21.85	21.84	21.95	
15	16QAM	36	39	21.89	21.96	22.00	
15	16QAM	75	0	21.71	21.82	22.01	22.7
15	64QAM	1	0	21.89	22.05	22.07	
15	64QAM	1	37	21.89	22.11	22.01	
15	64QAM	1	74	22.03	22.12	22.20	21.7
15	64QAM	36	0	20.72	20.89	20.92	
15	64QAM	36	20	20.84	21.02	20.93	
15	64QAM	36	39	20.83	20.98	20.97	19.7
15	64QAM	75	0	20.80	20.83	21.00	
15	256QAM	1	0	18.75	18.81	18.99	
15	256QAM	1	37	18.78	18.97	19.01	19.7
15	256QAM	1	74	18.91	19.01	19.17	
15	256QAM	36	0	18.75	18.83	18.82	
15	256QAM	36	20	18.85	18.84	18.97	19.7



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15	256QAM	36	39	18.89	18.97	18.98	Tune-up limit (dBm)
15	256QAM	75	0	18.71	18.82	18.96	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	23.75	23.73	24.07	24.7
10	QPSK	1	25	23.61	23.75	23.88	
10	QPSK	1	49	23.82	23.93	23.97	
10	QPSK	25	0	22.63	22.81	22.89	23.7
10	QPSK	25	12	22.80	22.86	22.94	
10	QPSK	25	25	22.77	22.87	22.98	
10	QPSK	50	0	22.79	22.91	22.98	
10	16QAM	1	0	22.87	22.99	23.19	23.7
10	16QAM	1	25	23.03	23.21	23.25	
10	16QAM	1	49	22.98	23.24	23.38	
10	16QAM	25	0	21.77	21.86	21.87	22.7
10	16QAM	25	12	21.76	21.81	21.96	
10	16QAM	25	25	21.82	21.98	22.02	
10	16QAM	50	0	21.72	21.84	21.97	
10	64QAM	1	0	21.83	21.98	22.02	22.7
10	64QAM	1	25	21.88	22.08	22.09	
10	64QAM	1	49	21.99	22.06	22.21	
10	64QAM	25	0	20.72	20.85	20.90	21.7
10	64QAM	25	12	20.85	21.48	20.99	
10	64QAM	25	25	20.78	20.92	21.04	
10	64QAM	50	0	20.79	20.87	21.00	
10	256QAM	1	0	18.75	18.76	18.94	19.7
10	256QAM	1	25	18.76	18.90	18.91	
10	256QAM	1	49	18.99	19.02	19.10	
10	256QAM	25	0	18.65	18.87	18.85	19.7
10	256QAM	25	12	18.81	18.86	19.01	
10	256QAM	25	25	18.83	18.91	19.03	
10	256QAM	50	0	18.73	18.86	18.97	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	23.71	23.77	24.04	24.7
5	QPSK	1	12	23.63	23.79	23.91	
5	QPSK	1	24	23.78	23.91	23.95	
5	QPSK	12	0	22.68	22.89	22.89	23.7
5	QPSK	12	7	22.76	22.86	22.90	
5	QPSK	12	13	22.72	22.89	22.96	
5	QPSK	25	0	22.73	22.88	23.03	
5	16QAM	1	0	22.82	23.05	23.13	23.7
5	16QAM	1	12	23.00	23.24	23.28	
5	16QAM	1	24	23.03	23.29	23.40	
5	16QAM	12	0	21.73	21.86	21.94	22.7
5	16QAM	12	7	21.84	21.88	21.90	
5	16QAM	12	13	21.90	21.90	21.97	
5	16QAM	25	0	21.71	21.84	21.96	
5	64QAM	1	0	21.86	22.01	22.03	22.7
5	64QAM	1	12	21.94	22.11	22.03	
5	64QAM	1	24	22.03	22.08	22.20	
5	64QAM	12	0	20.67	20.82	20.88	21.7
5	64QAM	12	7	20.78	21.25	20.98	
5	64QAM	12	13	20.82	21.00	21.06	
5	64QAM	25	0	20.87	20.86	21.02	
5	256QAM	1	0	18.69	18.80	18.94	19.7
5	256QAM	1	12	18.78	18.94	18.95	
5	256QAM	1	24	18.92	19.03	19.12	
5	256QAM	12	0	18.65	18.79	18.84	19.7
5	256QAM	12	7	18.78	18.82	18.96	
5	256QAM	12	13	18.90	18.97	18.98	
5	256QAM	25	0	18.78	18.82	18.95	
Channel				19965	20175	20385	Tune-up limit



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Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	23.71	23.68	24.04	24.7
3	QPSK	1	8	23.61	23.73	23.92	
3	QPSK	1	14	23.82	23.95	23.94	
3	QPSK	8	0	22.69	22.88	22.92	23.7
3	QPSK	8	4	22.77	22.86	22.91	
3	QPSK	8	7	22.81	22.85	22.96	
3	QPSK	15	0	22.74	22.89	22.97	
3	16QAM	1	0	22.83	22.99	23.16	23.7
3	16QAM	1	8	23.04	23.16	23.27	
3	16QAM	1	14	23.04	23.29	23.32	
3	16QAM	8	0	21.68	21.91	21.85	22.7
3	16QAM	8	4	21.79	21.87	21.93	
3	16QAM	8	7	21.83	21.96	22.07	
3	16QAM	15	0	21.77	21.85	21.98	
3	64QAM	1	0	21.84	22.05	22.04	22.7
3	64QAM	1	8	21.92	22.14	22.06	
3	64QAM	1	14	21.96	22.08	22.28	
3	64QAM	8	0	20.73	20.88	20.95	21.7
3	64QAM	8	4	20.81	21.13	20.94	
3	64QAM	8	7	20.82	21.00	21.01	
3	64QAM	15	0	20.84	20.82	20.95	
3	256QAM	1	0	18.73	18.82	18.93	19.7
3	256QAM	1	8	18.76	18.94	18.98	
3	256QAM	1	14	18.99	19.04	19.08	
3	256QAM	8	0	18.73	18.80	18.84	19.7
3	256QAM	8	4	18.82	18.80	19.00	
3	256QAM	8	7	18.84	18.92	19.02	
3	256QAM	15	0	18.79	18.84	19.02	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	23.72	23.73	24.05	24.7
1.4	QPSK	1	3	23.61	23.77	23.92	
1.4	QPSK	1	5	23.77	23.94	23.94	
1.4	QPSK	3	0	23.52	23.54	23.87	
1.4	QPSK	3	1	23.51	23.62	23.72	
1.4	QPSK	3	3	23.57	23.76	23.75	
1.4	QPSK	6	0	22.68	22.82	22.94	23.7
1.4	16QAM	1	0	22.79	22.82	22.92	23.7
1.4	16QAM	1	3	22.72	22.91	23.02	
1.4	16QAM	1	5	22.79	22.90	23.07	
1.4	16QAM	3	0	22.86	23.09	23.14	
1.4	16QAM	3	1	22.97	23.16	23.19	
1.4	16QAM	3	3	22.98	23.19	23.40	
1.4	16QAM	6	0	21.69	21.91	21.89	22.7
1.4	64QAM	1	0	21.81	21.88	21.99	22.7
1.4	64QAM	1	3	21.87	21.95	22.06	
1.4	64QAM	1	5	21.78	21.86	21.96	
1.4	64QAM	3	0	21.82	22.06	22.09	
1.4	64QAM	3	1	21.93	22.07	22.10	
1.4	64QAM	3	3	21.95	22.05	22.25	
1.4	64QAM	6	0	20.70	20.90	20.95	21.7
1.4	256QAM	1	0	18.66	18.81	18.98	19.7
1.4	256QAM	1	3	18.78	18.95	18.99	
1.4	256QAM	1	5	18.94	19.08	19.13	
1.4	256QAM	3	0	18.66	18.83	18.92	
1.4	256QAM	3	1	18.82	18.84	18.94	
1.4	256QAM	3	3	18.84	18.94	19.00	
1.4	256QAM	6	0	18.69	18.92	19.02	19.7

**<LTE Band 5_Ant 1_DSI 2 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.33	24.36	24.22	
10	QPSK	1	25	24.33	24.32	24.19	25.2
10	QPSK	1	49	24.31	24.17	24.04	
10	QPSK	25	0	23.39	23.40	23.31	
10	QPSK	25	12	23.43	23.34	23.24	24.2
10	QPSK	25	25	23.43	23.30	23.11	
10	QPSK	50	0	23.45	23.35	23.26	
10	16QAM	1	0	23.70	23.59	23.47	24.2
10	16QAM	1	25	23.59	23.60	23.44	
10	16QAM	1	49	23.58	23.50	23.30	
10	16QAM	25	0	22.39	22.35	22.27	23.2
10	16QAM	25	12	22.46	22.38	22.24	
10	16QAM	25	25	22.44	22.34	22.06	
10	16QAM	50	0	22.41	22.37	22.25	23.2
10	64QAM	1	0	22.61	22.64	22.49	
10	64QAM	1	25	22.66	22.60	22.42	
10	64QAM	1	49	22.50	22.44	22.22	22.2
10	64QAM	25	0	21.42	21.39	21.22	
10	64QAM	25	12	21.48	21.35	21.23	
10	64QAM	25	25	21.42	21.28	21.12	20.2
10	64QAM	50	0	21.43	21.35	21.23	
10	256QAM	1	0	19.45	19.49	19.45	
10	256QAM	1	25	19.60	19.64	19.33	20.2
10	256QAM	1	49	19.49	19.40	19.16	
10	256QAM	25	0	19.46	19.45	19.32	
10	256QAM	25	12	19.50	19.47	19.26	20.2
10	256QAM	25	25	19.48	19.41	19.16	
10	256QAM	50	0	19.54	19.43	19.29	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.20	24.23	24.07	
5	QPSK	1	12	24.21	24.20	24.02	25.2
5	QPSK	1	24	24.16	24.05	23.88	
5	QPSK	12	0	23.22	23.20	23.21	24.2
5	QPSK	12	7	23.31	23.24	23.13	
5	QPSK	12	13	23.25	23.10	22.96	
5	QPSK	25	0	23.31	23.21	23.06	24.2
5	16QAM	1	0	23.50	23.42	23.32	
5	16QAM	1	12	23.42	23.43	23.29	
5	16QAM	1	24	23.41	23.35	23.18	23.2
5	16QAM	12	0	22.22	22.24	22.08	
5	16QAM	12	7	22.36	22.20	22.04	
5	16QAM	12	13	22.24	22.18	21.95	23.2
5	16QAM	25	0	22.23	22.25	22.10	
5	64QAM	1	0	22.43	22.51	22.35	
5	64QAM	1	12	22.46	22.47	22.22	23.2
5	64QAM	1	24	22.38	22.31	22.11	
5	64QAM	12	0	21.25	21.24	21.02	
5	64QAM	12	7	21.32	21.17	21.12	22.2
5	64QAM	12	13	21.32	21.12	20.99	
5	64QAM	25	0	21.30	21.25	21.12	
5	256QAM	1	0	19.30	19.32	19.25	20.2
5	256QAM	1	12	19.42	19.48	19.19	
5	256QAM	1	24	19.36	19.20	19.03	
5	256QAM	12	0	19.34	19.30	19.14	20.2
5	256QAM	12	7	19.36	19.31	19.10	
5	256QAM	12	13	19.34	19.29	18.97	



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5	256QAM	25	0	19.38	19.29	19.11	Tune-up limit (dBm)
Channel				20415	20525	20635	
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.18	24.16	24.05	25.2
3	QPSK	1	8	24.13	24.22	24.04	
3	QPSK	1	14	24.16	24.06	23.85	
3	QPSK	8	0	23.21	23.26	23.18	24.2
3	QPSK	8	4	23.33	23.19	23.12	
3	QPSK	8	7	23.30	23.12	22.98	
3	QPSK	15	0	23.30	23.20	23.16	
3	16QAM	1	0	23.57	23.49	23.28	24.2
3	16QAM	1	8	23.49	23.48	23.32	
3	16QAM	1	14	23.44	23.35	23.14	
3	16QAM	8	0	22.25	22.19	22.17	23.2
3	16QAM	8	4	22.28	22.28	22.09	
3	16QAM	8	7	22.26	22.23	21.96	
3	16QAM	15	0	22.25	22.17	22.12	
3	64QAM	1	0	22.47	22.53	22.37	23.2
3	64QAM	1	8	22.46	22.40	22.26	
3	64QAM	1	14	22.32	22.27	22.09	
3	64QAM	8	0	21.29	21.28	21.11	22.2
3	64QAM	8	4	21.37	21.21	21.09	
3	64QAM	8	7	21.22	21.08	20.95	
3	64QAM	15	0	21.32	21.19	21.07	
3	256QAM	1	0	19.27	19.30	19.25	20.2
3	256QAM	1	8	19.41	19.45	19.22	
3	256QAM	1	14	19.39	19.25	19.00	
3	256QAM	8	0	19.27	19.27	19.15	20.2
3	256QAM	8	4	19.30	19.29	19.11	
3	256QAM	8	7	19.36	19.22	19.04	
3	256QAM	15	0	19.44	19.31	19.11	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.20	24.25	24.12	25.2
1.4	QPSK	1	3	24.22	24.12	24.03	
1.4	QPSK	1	5	24.12	24.02	23.94	
1.4	QPSK	3	0	24.09	24.08	23.94	
1.4	QPSK	3	1	24.02	23.99	23.87	
1.4	QPSK	3	3	24.00	23.88	23.81	
1.4	QPSK	6	0	23.29	23.25	23.18	24.2
1.4	16QAM	1	0	23.31	23.23	23.06	24.2
1.4	16QAM	1	3	23.24	23.13	22.98	
1.4	16QAM	1	5	23.26	23.21	23.09	
1.4	16QAM	3	0	23.51	23.48	23.30	
1.4	16QAM	3	1	23.47	23.49	23.32	
1.4	16QAM	3	3	23.40	23.40	23.13	
1.4	16QAM	6	0	22.27	22.16	22.17	23.2
1.4	64QAM	1	0	22.35	22.28	22.10	23.2
1.4	64QAM	1	3	22.26	22.24	21.93	
1.4	64QAM	1	5	22.24	22.23	22.11	
1.4	64QAM	3	0	22.49	22.52	22.30	
1.4	64QAM	3	1	22.52	22.49	22.32	
1.4	64QAM	3	3	22.36	22.34	22.06	
1.4	64QAM	6	0	21.26	21.27	21.07	22.2
1.4	256QAM	1	0	19.35	19.31	19.32	20.2
1.4	256QAM	1	3	19.43	19.50	19.19	
1.4	256QAM	1	5	19.32	19.25	19.03	
1.4	256QAM	3	0	19.27	19.29	19.19	
1.4	256QAM	3	1	19.38	19.33	19.10	
1.4	256QAM	3	3	19.36	19.25	19.01	
1.4	256QAM	6	0	19.41	19.31	19.13	20.2

**<LTE Band 7_Ant 5_DSI 2 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.61	23.51	23.30	25.2
20	QPSK	1	49	23.58	23.48	23.25	
20	QPSK	1	99	23.54	23.35	23.23	
20	QPSK	50	0	22.71	22.49	22.40	24.2
20	QPSK	50	24	22.71	22.44	22.33	
20	QPSK	50	50	22.62	22.42	22.25	
20	QPSK	100	0	22.67	22.47	22.35	
20	16QAM	1	0	22.90	22.79	22.74	24.2
20	16QAM	1	49	22.90	22.77	22.49	
20	16QAM	1	99	22.81	22.69	22.39	
20	16QAM	50	0	21.72	21.47	21.35	23.2
20	16QAM	50	24	21.71	21.50	21.35	
20	16QAM	50	50	21.62	21.45	21.23	
20	16QAM	100	0	21.68	21.47	21.34	
20	64QAM	1	0	21.83	21.73	21.58	23.2
20	64QAM	1	49	21.90	21.75	21.48	
20	64QAM	1	99	21.63	21.57	21.37	
20	64QAM	50	0	20.68	20.49	20.33	22.2
20	64QAM	50	24	20.67	20.43	20.33	
20	64QAM	50	50	20.63	20.41	20.26	
20	64QAM	100	0	20.68	20.44	20.37	
20	256QAM	1	0	18.69	18.49	18.43	20.2
20	256QAM	1	49	18.68	18.48	18.37	
20	256QAM	1	99	18.67	18.41	18.22	
20	256QAM	50	0	18.72	18.52	18.38	20.2
20	256QAM	50	24	18.71	18.49	18.40	
20	256QAM	50	50	18.62	18.48	18.28	
20	256QAM	100	0	18.68	18.47	18.34	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.48	23.40	23.40	25.2
15	QPSK	1	37	23.43	23.28	23.42	
15	QPSK	1	74	23.37	23.40	23.34	
15	QPSK	36	0	22.53	22.35	22.55	24.2
15	QPSK	36	20	22.56	22.30	22.47	
15	QPSK	36	39	22.42	22.29	22.45	
15	QPSK	75	0	22.57	22.28	22.46	
15	16QAM	1	0	22.76	22.65	22.84	24.2
15	16QAM	1	37	22.74	22.64	22.63	
15	16QAM	1	74	22.64	22.58	22.50	
15	16QAM	36	0	21.57	21.33	21.46	23.2
15	16QAM	36	20	21.58	21.33	21.53	
15	16QAM	36	39	21.43	21.27	21.36	
15	16QAM	75	0	21.48	21.27	21.52	
15	64QAM	1	0	21.63	21.60	21.74	23.2
15	64QAM	1	37	21.72	21.57	21.66	
15	64QAM	1	74	21.51	21.41	21.49	
15	64QAM	36	0	20.56	20.33	20.43	22.2
15	64QAM	36	20	20.56	20.27	20.46	
15	64QAM	36	39	20.44	20.23	20.44	
15	64QAM	75	0	20.57	20.24	20.56	
15	256QAM	1	0	18.50	18.37	18.55	20.2
15	256QAM	1	37	18.58	18.33	18.49	
15	256QAM	1	74	18.57	18.28	18.36	
15	256QAM	36	0	18.56	18.41	18.51	20.2
15	256QAM	36	20	18.56	18.34	18.57	
15	256QAM	36	39	18.51	18.35	18.46	



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15	256QAM	75	0	18.51	18.37	18.49	Tune-up limit (dBm)
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.44	23.41	23.45	25.2
10	QPSK	1	25	23.42	23.35	23.37	
10	QPSK	1	49	23.41	23.30	23.38	
10	QPSK	25	0	22.55	22.29	22.52	24.2
10	QPSK	25	12	22.55	22.29	22.51	
10	QPSK	25	25	22.45	22.30	22.43	
10	QPSK	50	0	22.54	22.29	22.53	
10	16QAM	1	0	22.80	22.68	22.85	24.2
10	16QAM	1	25	22.73	22.67	22.59	
10	16QAM	1	49	22.68	22.55	22.52	
10	16QAM	25	0	21.62	21.28	21.54	23.2
10	16QAM	25	12	21.55	21.37	21.46	
10	16QAM	25	25	21.47	21.31	21.35	
10	16QAM	50	0	21.56	21.34	21.51	
10	64QAM	1	0	21.65	21.59	21.71	23.2
10	64QAM	1	25	21.78	21.60	21.66	
10	64QAM	1	49	21.43	21.41	21.55	
10	64QAM	25	0	20.51	20.38	20.52	22.2
10	64QAM	25	12	20.53	20.24	20.48	
10	64QAM	25	25	20.48	20.24	20.46	
10	64QAM	50	0	20.57	20.29	20.54	
10	256QAM	1	0	18.52	18.33	18.54	20.2
10	256QAM	1	25	18.53	18.34	18.54	
10	256QAM	1	49	18.54	18.26	18.39	
10	256QAM	25	0	18.56	18.33	18.57	20.2
10	256QAM	25	12	18.61	18.29	18.56	
10	256QAM	25	25	18.50	18.30	18.43	
10	256QAM	50	0	18.58	18.29	18.47	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.41	23.38	23.41	25.2
5	QPSK	1	12	23.38	23.35	23.41	
5	QPSK	1	24	23.34	23.21	23.43	
5	QPSK	12	0	22.53	22.32	22.53	24.2
5	QPSK	12	7	22.51	22.28	22.51	
5	QPSK	12	13	22.49	22.29	22.36	
5	QPSK	25	0	22.55	22.34	22.55	
5	16QAM	1	0	22.70	22.66	22.94	24.2
5	16QAM	1	12	22.71	22.65	22.59	
5	16QAM	1	24	22.64	22.54	22.58	
5	16QAM	12	0	21.59	21.29	21.45	23.2
5	16QAM	12	7	21.60	21.35	21.50	
5	16QAM	12	13	21.52	21.28	21.37	
5	16QAM	25	0	21.55	21.29	21.52	
5	64QAM	1	0	21.72	21.58	21.73	23.2
5	64QAM	1	12	21.70	21.57	21.61	
5	64QAM	1	24	21.50	21.42	21.48	
5	64QAM	12	0	20.49	20.34	20.51	22.2
5	64QAM	12	7	20.53	20.27	20.49	
5	64QAM	12	13	20.53	20.28	20.37	
5	64QAM	25	0	20.53	20.27	20.50	
5	256QAM	1	0	18.59	18.34	18.55	20.2
5	256QAM	1	12	18.53	18.30	18.56	
5	256QAM	1	24	18.52	18.30	18.33	
5	256QAM	12	0	18.59	18.41	18.52	20.2
5	256QAM	12	7	18.60	18.33	18.52	
5	256QAM	12	13	18.47	18.33	18.47	
5	256QAM	25	0	18.58	18.30	18.50	



<LTE Band 12_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.80	23.88	23.85	
10	QPSK	1	25	23.82	23.86	23.80	25.2
10	QPSK	1	49	23.74	23.66	23.57	
10	QPSK	25	0	22.85	22.91	22.90	
10	QPSK	25	12	22.90	22.86	22.84	24.2
10	QPSK	25	25	22.86	22.81	22.70	
10	QPSK	50	0	22.90	22.83	22.84	
10	16QAM	1	0	23.10	23.13	23.03	24.2
10	16QAM	1	25	23.12	23.08	23.01	
10	16QAM	1	49	23.06	22.92	22.87	
10	16QAM	25	0	21.86	21.85	21.92	23.2
10	16QAM	25	12	21.91	21.88	21.89	
10	16QAM	25	25	21.88	21.81	21.72	
10	16QAM	50	0	21.91	21.80	21.83	23.2
10	64QAM	1	0	22.17	22.02	22.19	
10	64QAM	1	25	22.09	22.12	21.95	
10	64QAM	1	49	22.04	21.87	21.89	22.2
10	64QAM	25	0	20.85	20.85	20.90	
10	64QAM	25	12	20.94	20.87	20.91	
10	64QAM	25	25	20.87	20.81	20.69	20.2
10	64QAM	50	0	20.88	20.86	20.88	
10	256QAM	1	0	19.29	18.91	19.00	
10	256QAM	1	25	19.01	19.05	18.97	20.2
10	256QAM	1	49	18.97	18.85	18.80	
10	256QAM	25	0	19.02	18.86	18.94	
10	256QAM	25	12	18.91	18.95	18.91	20.2
10	256QAM	25	25	18.92	18.84	18.79	
10	256QAM	50	0	18.93	18.92	18.89	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.68	23.77	23.75	
5	QPSK	1	12	23.63	23.72	23.63	25.2
5	QPSK	1	24	23.55	23.55	23.38	
5	QPSK	12	0	22.75	22.78	22.74	
5	QPSK	12	7	22.70	22.67	22.74	24.2
5	QPSK	12	13	22.68	22.70	22.59	
5	QPSK	25	0	22.74	22.65	22.64	
5	16QAM	1	0	22.91	22.98	22.87	24.2
5	16QAM	1	12	22.92	22.93	22.82	
5	16QAM	1	24	22.94	22.82	22.77	
5	16QAM	12	0	21.76	21.75	21.80	23.2
5	16QAM	12	7	21.73	21.73	21.69	
5	16QAM	12	13	21.69	21.67	21.53	
5	16QAM	25	0	21.75	21.61	21.71	23.2
5	64QAM	1	0	22.06	21.85	22.06	
5	64QAM	1	12	21.98	21.95	21.76	
5	64QAM	1	24	21.86	21.77	21.73	22.2
5	64QAM	12	0	20.65	20.73	20.72	
5	64QAM	12	7	20.74	20.72	20.76	
5	64QAM	12	13	20.68	20.65	20.59	20.2
5	64QAM	25	0	20.71	20.76	20.68	
5	256QAM	1	0	19.13	18.74	18.80	
5	256QAM	1	12	18.90	18.93	18.84	20.2
5	256QAM	1	24	18.80	18.66	18.69	
5	256QAM	12	0	18.92	18.73	18.82	
5	256QAM	12	7	18.81	18.81	18.78	20.2
5	256QAM	12	13	18.74	18.72	18.61	



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5	256QAM	25	0	18.77	18.76	18.76	Tune-up limit (dBm)
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.67	23.75	23.68	25.2
3	QPSK	1	8	23.71	23.73	23.60	
3	QPSK	1	14	23.54	23.48	23.43	
3	QPSK	8	0	22.71	22.73	22.71	24.2
3	QPSK	8	4	22.79	22.69	22.65	
3	QPSK	8	7	22.75	22.65	22.50	
3	QPSK	15	0	22.77	22.72	22.67	24.2
3	16QAM	1	0	22.99	23.01	22.86	
3	16QAM	1	8	22.96	22.96	22.89	
3	16QAM	1	14	22.89	22.73	22.67	23.2
3	16QAM	8	0	21.71	21.66	21.75	
3	16QAM	8	4	21.80	21.68	21.78	
3	16QAM	8	7	21.73	21.69	21.57	23.2
3	16QAM	15	0	21.75	21.67	21.73	
3	64QAM	1	0	21.98	21.84	22.03	
3	64QAM	1	8	21.98	22.01	21.75	23.2
3	64QAM	1	14	21.94	21.73	21.70	
3	64QAM	8	0	20.73	20.68	20.78	22.2
3	64QAM	8	4	20.80	20.76	20.71	
3	64QAM	8	7	20.77	20.61	20.59	
3	64QAM	15	0	20.72	20.71	20.74	20.2
3	256QAM	1	0	19.18	18.76	18.84	
3	256QAM	1	8	18.85	18.88	18.87	
3	256QAM	1	14	18.87	18.73	18.68	20.2
3	256QAM	8	0	18.89	18.68	18.78	
3	256QAM	8	4	18.77	18.84	18.81	
3	256QAM	8	7	18.79	18.65	18.65	20.2
3	256QAM	15	0	18.74	18.80	18.73	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.60	23.68	23.69	25.2
1.4	QPSK	1	3	23.63	23.69	23.68	
1.4	QPSK	1	5	23.56	23.51	23.46	
1.4	QPSK	3	0	23.43	23.51	23.55	24.2
1.4	QPSK	3	1	23.49	23.52	23.48	
1.4	QPSK	3	3	23.40	23.35	23.31	
1.4	QPSK	6	0	22.75	22.75	22.79	24.2
1.4	16QAM	1	0	22.78	22.66	22.72	
1.4	16QAM	1	3	22.74	22.67	22.54	
1.4	16QAM	1	5	22.71	22.68	22.64	23.2
1.4	16QAM	3	0	22.97	22.98	22.89	
1.4	16QAM	3	1	23.00	22.91	22.89	
1.4	16QAM	3	3	22.95	22.76	22.71	23.2
1.4	16QAM	6	0	21.71	21.72	21.80	
1.4	64QAM	1	0	21.72	21.78	21.72	
1.4	64QAM	1	3	21.72	21.67	21.56	22.2
1.4	64QAM	1	5	21.74	21.61	21.71	
1.4	64QAM	3	0	21.98	21.85	22.09	
1.4	64QAM	3	1	21.92	22.00	21.75	20.2
1.4	64QAM	3	3	21.94	21.76	21.73	
1.4	64QAM	6	0	20.69	20.72	20.70	
1.4	256QAM	1	0	19.17	18.72	18.87	20.2
1.4	256QAM	1	3	18.87	18.95	18.84	
1.4	256QAM	1	5	18.78	18.67	18.61	
1.4	256QAM	3	0	18.91	18.75	18.76	20.2
1.4	256QAM	3	1	18.81	18.80	18.73	
1.4	256QAM	3	3	18.75	18.64	18.60	
1.4	256QAM	6	0	18.76	18.73	18.72	20.2



<LTE Band 13_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		23.78		25.2
10	QPSK	1	25		23.72		
10	QPSK	1	49		23.57		
10	QPSK	25	0		22.70		24.2
10	QPSK	25	12		22.79		
10	QPSK	25	25		22.77		
10	QPSK	50	0		22.88		24.2
10	16QAM	1	0		23.00		
10	16QAM	1	25		23.10		
10	16QAM	1	49		22.85		23.2
10	16QAM	25	0		21.72		
10	16QAM	25	12		21.84		
10	16QAM	25	25		21.79		23.2
10	16QAM	50	0		21.86		
10	64QAM	1	0		21.89		
10	64QAM	1	25		22.00		23.2
10	64QAM	1	49		21.82		
10	64QAM	25	0		20.72		
10	64QAM	25	12		20.88		22.2
10	64QAM	25	25		20.78		
10	64QAM	50	0		20.85		
10	256QAM	1	0		18.82		20.2
10	256QAM	1	25		18.94		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.80		20.2
10	256QAM	25	12		18.92		
10	256QAM	25	25		18.92		
10	256QAM	50	0		18.96		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.65	23.65	23.67	25.2
5	QPSK	1	12	23.52	23.56	23.62	
5	QPSK	1	24	23.40	23.44	23.45	
5	QPSK	12	0	22.55	22.58	22.60	24.2
5	QPSK	12	7	22.69	22.66	22.63	
5	QPSK	12	13	22.57	22.59	22.67	
5	QPSK	25	0	22.73	22.70	22.72	24.2
5	16QAM	1	0	22.81	22.84	22.81	
5	16QAM	1	12	22.94	22.93	22.96	
5	16QAM	1	24	22.75	22.70	22.75	23.2
5	16QAM	12	0	21.52	21.57	21.57	
5	16QAM	12	7	21.70	21.66	21.70	
5	16QAM	12	13	21.65	21.66	21.69	23.2
5	16QAM	25	0	21.67	21.74	21.73	
5	64QAM	1	0	21.79	21.78	21.76	
5	64QAM	1	12	21.80	21.88	21.83	23.2
5	64QAM	1	24	21.66	21.72	21.72	
5	64QAM	12	0	20.58	20.55	20.60	
5	64QAM	12	7	20.77	20.72	20.77	22.2
5	64QAM	12	13	20.62	20.65	20.68	
5	64QAM	25	0	20.66	20.72	20.67	
5	256QAM	1	0	18.65	18.64	18.72	20.2
5	256QAM	1	12	18.78	18.82	18.79	
5	256QAM	1	24	18.70	18.61	18.71	
5	256QAM	12	0	18.65	18.69	18.67	20.2
5	256QAM	12	7	18.74	18.80	18.82	
5	256QAM	12	13	18.72	18.78	18.76	
5	256QAM	25	0	18.76	18.85	18.81	



<LTE Band 14_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		23.80		25.2
10	QPSK	1	25		23.69		
10	QPSK	1	49		23.68		
10	QPSK	25	0		22.74		24.2
10	QPSK	25	12		22.78		
10	QPSK	25	25		22.77		
10	QPSK	50	0		22.72		24.2
10	16QAM	1	0		22.92		
10	16QAM	1	25		23.11		
10	16QAM	1	49		23.01		23.2
10	16QAM	25	0		21.79		
10	16QAM	25	12		21.78		
10	16QAM	25	25		21.79		23.2
10	16QAM	50	0		21.73		
10	64QAM	1	0		21.96		
10	64QAM	1	25		22.05		23.2
10	64QAM	1	49		21.89		
10	64QAM	25	0		20.75		
10	64QAM	25	12		20.76		22.2
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.75		
10	256QAM	1	0		18.85		20.2
10	256QAM	1	25		18.90		
10	256QAM	1	49		18.84		
10	256QAM	25	0		18.79		20.2
10	256QAM	25	12		18.84		
10	256QAM	25	25		18.88		
10	256QAM	50	0		18.84		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.70	23.67	23.64	25.2
5	QPSK	1	12	23.58	23.57	23.56	
5	QPSK	1	24	23.54	23.50	23.50	
5	QPSK	12	0	22.57	22.62	22.54	24.2
5	QPSK	12	7	22.60	22.66	22.65	
5	QPSK	12	13	22.64	22.61	22.67	
5	QPSK	25	0	22.54	22.61	22.57	24.2
5	16QAM	1	0	22.81	22.72	22.80	
5	16QAM	1	12	23.01	22.97	23.00	
5	16QAM	1	24	22.85	22.88	22.89	23.2
5	16QAM	12	0	21.61	21.61	21.65	
5	16QAM	12	7	21.58	21.60	21.60	
5	16QAM	12	13	21.65	21.63	21.61	23.2
5	16QAM	25	0	21.58	21.59	21.54	
5	64QAM	1	0	21.84	21.78	21.83	
5	64QAM	1	12	21.87	21.94	21.85	23.2
5	64QAM	1	24	21.77	21.70	21.74	
5	64QAM	12	0	20.56	20.58	20.62	
5	64QAM	12	7	20.65	20.66	20.56	22.2
5	64QAM	12	13	20.63	20.68	20.68	
5	64QAM	25	0	20.65	20.61	20.62	
5	256QAM	1	0	18.71	18.70	18.66	20.2
5	256QAM	1	12	18.70	18.74	18.79	
5	256QAM	1	24	18.65	18.67	18.68	
5	256QAM	12	0	18.67	18.60	18.62	20.2
5	256QAM	12	7	18.74	18.66	18.68	
5	256QAM	12	13	18.71	18.74	18.68	
5	256QAM	25	0	18.66	18.66	18.66	



<LTE Band 17_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.76	23.75	23.77	
10	QPSK	1	25	23.75	23.71	23.76	25.2
10	QPSK	1	49	23.65	23.65	23.63	
10	QPSK	25	0	22.86	22.86	22.84	
10	QPSK	25	12	22.91	22.86	22.80	24.2
10	QPSK	25	25	22.86	22.79	22.76	
10	QPSK	50	0	22.80	22.84	22.82	
10	16QAM	1	0	23.10	22.98	23.09	24.2
10	16QAM	1	25	23.14	23.12	23.14	
10	16QAM	1	49	22.88	22.92	22.83	
10	16QAM	25	0	21.84	21.85	21.86	23.2
10	16QAM	25	12	21.96	21.86	21.85	
10	16QAM	25	25	21.86	21.79	21.74	
10	16QAM	50	0	21.81	21.83	21.83	23.2
10	64QAM	1	0	22.02	21.96	22.08	
10	64QAM	1	25	22.06	22.20	22.14	
10	64QAM	1	49	21.95	21.90	21.83	22.2
10	64QAM	25	0	20.83	20.90	20.87	
10	64QAM	25	12	20.93	20.84	20.87	
10	64QAM	25	25	20.88	20.74	20.76	20.2
10	64QAM	50	0	20.85	20.82	20.84	
10	256QAM	1	0	18.89	18.86	18.90	
10	256QAM	1	25	18.99	18.94	19.04	20.2
10	256QAM	1	49	18.77	18.81	18.72	
10	256QAM	25	0	18.86	18.91	18.79	
10	256QAM	25	12	18.95	18.92	18.88	20.2
10	256QAM	25	25	18.87	18.81	18.83	
10	256QAM	50	0	18.87	18.83	18.83	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.62	23.55	23.59	25.2
5	QPSK	1	12	23.58	23.51	23.63	
5	QPSK	1	24	23.54	23.55	23.46	
5	QPSK	12	0	22.69	22.69	22.71	24.2
5	QPSK	12	7	22.80	22.66	22.62	
5	QPSK	12	13	22.72	22.61	22.56	
5	QPSK	25	0	22.62	22.72	22.71	24.2
5	16QAM	1	0	22.96	22.79	22.92	
5	16QAM	1	12	23.00	23.00	23.01	
5	16QAM	1	24	22.72	22.72	22.70	23.2
5	16QAM	12	0	21.64	21.69	21.66	
5	16QAM	12	7	21.83	21.67	21.72	
5	16QAM	12	13	21.66	21.69	21.59	23.2
5	16QAM	25	0	21.71	21.67	21.66	
5	64QAM	1	0	21.92	21.79	21.92	
5	64QAM	1	12	21.94	22.09	22.02	22.2
5	64QAM	1	24	21.84	21.76	21.70	
5	64QAM	12	0	20.66	20.75	20.74	
5	64QAM	12	7	20.73	20.68	20.71	20.2
5	64QAM	12	13	20.74	20.59	20.60	
5	64QAM	25	0	20.69	20.66	20.73	
5	256QAM	1	0	18.69	18.66	18.75	20.2
5	256QAM	1	12	18.79	18.84	18.86	
5	256QAM	1	24	18.65	18.64	18.54	
5	256QAM	12	0	18.66	18.75	18.64	20.2
5	256QAM	12	7	18.81	18.82	18.76	
5	256QAM	12	13	18.73	18.69	18.72	
5	256QAM	25	0	18.68	18.64	18.64	



<LTE Band 25_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.15	24.21	24.16	
20	QPSK	1	49	24.14	24.12	24.14	25.2
20	QPSK	1	99	24.08	24.13	24.08	
20	QPSK	50	0	23.17	23.24	23.15	
20	QPSK	50	24	23.24	23.35	23.21	24.2
20	QPSK	50	50	23.23	23.32	23.20	
20	QPSK	100	0	23.22	23.23	23.19	
20	16QAM	1	0	23.21	23.13	23.23	24.2
20	16QAM	1	49	23.27	23.22	23.22	
20	16QAM	1	99	23.34	23.24	23.22	
20	16QAM	50	0	21.94	22.06	21.98	23.2
20	16QAM	50	24	22.06	22.10	21.98	
20	16QAM	50	50	22.05	22.14	22.04	
20	16QAM	100	0	22.01	22.05	21.96	23.2
20	64QAM	1	0	22.04	22.06	22.05	
20	64QAM	1	49	22.14	22.24	22.06	
20	64QAM	1	99	22.03	22.23	22.15	22.2
20	64QAM	50	0	20.96	21.03	20.98	
20	64QAM	50	24	21.07	21.15	21.01	
20	64QAM	50	50	21.03	21.10	21.05	20.2
20	64QAM	100	0	21.04	21.04	21.04	
20	256QAM	1	0	18.94	19.11	19.01	
20	256QAM	1	49	19.08	19.17	19.10	20.2
20	256QAM	1	99	19.22	19.25	19.18	
20	256QAM	50	0	19.01	19.10	19.06	
20	256QAM	50	24	19.06	19.21	19.06	20.2
20	256QAM	50	50	19.09	19.19	19.08	
20	256QAM	100	0	19.08	19.10	19.10	
Channel				26115	26340	26615	
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.99	24.01	24.04	
15	QPSK	1	37	24.00	24.01	23.94	25.2
15	QPSK	1	74	23.90	23.96	23.90	
15	QPSK	36	0	23.00	23.12	23.02	
15	QPSK	36	20	23.07	23.19	23.05	24.2
15	QPSK	36	39	23.13	23.13	23.08	
15	QPSK	75	0	23.05	23.11	23.06	
15	16QAM	1	0	23.21	23.22	23.24	24.2
15	16QAM	1	37	23.28	23.27	23.25	
15	16QAM	1	74	23.22	23.25	23.32	
15	16QAM	36	0	21.96	22.16	22.03	23.2
15	16QAM	36	20	22.14	22.18	22.02	
15	16QAM	36	39	22.05	22.21	22.13	
15	16QAM	75	0	22.11	22.12	21.99	23.2
15	64QAM	1	0	22.13	22.15	22.05	
15	64QAM	1	37	22.21	22.24	22.15	
15	64QAM	1	74	22.10	22.33	22.24	22.2
15	64QAM	36	0	21.00	21.06	21.02	
15	64QAM	36	20	21.08	21.21	21.08	
15	64QAM	36	39	21.06	21.11	21.12	20.2
15	64QAM	75	0	21.05	21.11	21.06	
15	256QAM	1	0	19.02	19.11	19.08	
15	256QAM	1	37	19.16	19.26	19.20	20.2
15	256QAM	1	74	19.32	19.26	19.27	
15	256QAM	36	0	19.08	19.19	19.14	
15	256QAM	36	20	19.16	19.31	19.09	



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15	256QAM	36	39	19.09	19.23	19.17	Tune-up limit (dBm)
15	256QAM	75	0	19.10	19.13	19.15	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.98	24.03	24.03	25.2
10	QPSK	1	25	23.99	23.94	23.95	
10	QPSK	1	49	23.91	24.01	23.90	
10	QPSK	25	0	23.03	23.12	22.95	24.2
10	QPSK	25	12	23.06	23.25	23.01	
10	QPSK	25	25	23.11	23.20	23.14	
10	QPSK	50	0	23.02	23.08	23.00	
10	16QAM	1	0	23.22	23.14	23.28	24.2
10	16QAM	1	25	23.33	23.29	23.25	
10	16QAM	1	49	23.21	23.24	23.23	
10	16QAM	25	0	21.98	22.14	22.01	23.2
10	16QAM	25	12	22.09	22.17	22.01	
10	16QAM	25	25	22.07	22.22	22.10	
10	16QAM	50	0	22.06	22.05	22.02	
10	64QAM	1	0	22.07	22.08	22.07	23.2
10	64QAM	1	25	22.22	22.24	22.11	
10	64QAM	1	49	22.08	22.29	22.25	
10	64QAM	25	0	21.02	21.03	21.06	22.2
10	64QAM	25	12	21.10	21.21	21.10	
10	64QAM	25	25	21.10	21.10	21.10	
10	64QAM	50	0	21.05	21.09	21.08	
10	256QAM	1	0	19.03	19.15	19.09	20.2
10	256QAM	1	25	19.13	19.23	19.16	
10	256QAM	1	49	19.29	19.34	19.24	
10	256QAM	25	0	19.06	19.20	19.07	20.2
10	256QAM	25	12	19.13	19.28	19.12	
10	256QAM	25	25	19.10	19.24	19.12	
10	256QAM	50	0	19.12	19.17	19.17	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.96	24.06	24.05	25.2
5	QPSK	1	12	24.01	23.94	24.02	
5	QPSK	1	24	23.88	23.99	23.98	
5	QPSK	12	0	23.03	23.11	23.00	24.2
5	QPSK	12	7	23.05	23.24	23.10	
5	QPSK	12	13	23.11	23.20	23.12	
5	QPSK	25	0	23.10	23.07	23.03	
5	16QAM	1	0	23.21	23.19	23.24	24.2
5	16QAM	1	12	23.27	23.25	23.26	
5	16QAM	1	24	23.34	23.27	23.27	
5	16QAM	12	0	22.02	22.08	22.05	23.2
5	16QAM	12	7	22.14	22.13	22.03	
5	16QAM	12	13	22.12	22.22	22.09	
5	16QAM	25	0	22.03	22.11	22.00	
5	64QAM	1	0	22.13	22.15	22.06	23.2
5	64QAM	1	12	22.21	22.24	22.14	
5	64QAM	1	24	22.04	22.31	22.16	
5	64QAM	12	0	20.96	21.07	21.08	22.2
5	64QAM	12	7	21.17	21.15	21.02	
5	64QAM	12	13	21.06	21.17	21.14	
5	64QAM	25	0	21.04	21.13	21.08	
5	256QAM	1	0	19.02	19.18	19.11	20.2
5	256QAM	1	12	19.15	19.27	19.11	
5	256QAM	1	24	19.30	19.26	19.26	
5	256QAM	12	0	19.02	19.20	19.14	20.2
5	256QAM	12	7	19.08	19.31	19.16	
5	256QAM	12	13	19.18	19.28	19.17	
5	256QAM	25	0	19.10	19.16	19.15	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.98	24.07	24.03	25.2
3	QPSK	1	8	23.97	23.92	24.01	
3	QPSK	1	14	23.98	23.94	23.90	
3	QPSK	8	0	23.03	23.13	22.95	24.2
3	QPSK	8	4	23.12	23.15	23.04	
3	QPSK	8	7	23.13	23.16	23.06	
3	QPSK	15	0	23.11	23.11	23.02	24.2
3	16QAM	1	0	23.22	23.22	23.32	
3	16QAM	1	8	23.28	23.26	23.24	
3	16QAM	1	14	23.40	23.33	23.31	23.2
3	16QAM	8	0	22.02	22.14	22.02	
3	16QAM	8	4	22.09	22.12	22.07	
3	16QAM	8	7	22.11	22.16	22.08	23.2
3	16QAM	15	0	22.09	22.05	22.00	
3	64QAM	1	0	22.12	22.10	22.05	
3	64QAM	1	8	22.16	22.33	22.13	22.2
3	64QAM	1	14	22.08	22.32	22.21	
3	64QAM	8	0	20.97	21.13	20.99	
3	64QAM	8	4	21.10	21.15	21.04	20.2
3	64QAM	8	7	21.05	21.14	21.07	
3	64QAM	15	0	21.10	21.13	21.09	
3	256QAM	1	0	18.94	19.11	19.04	20.2
3	256QAM	1	8	19.17	19.24	19.16	
3	256QAM	1	14	19.24	19.28	19.28	
3	256QAM	8	0	19.07	19.18	19.14	20.2
3	256QAM	8	4	19.10	19.26	19.15	
3	256QAM	8	7	19.17	19.23	19.17	
3	256QAM	15	0	19.13	19.15	19.15	Tune-up limit (dBm)
Channel				26047	26340	26683	
Frequency (MHz)				1850.7	1880	1914.3	25.2
1.4	QPSK	1	0	23.99	24.06	24.00	
1.4	QPSK	1	3	24.04	23.94	23.97	
1.4	QPSK	1	5	23.95	23.98	23.91	24.2
1.4	QPSK	3	0	23.90	24.06	23.91	
1.4	QPSK	3	1	24.03	23.91	23.87	
1.4	QPSK	3	3	23.85	23.91	23.83	24.2
1.4	QPSK	6	0	23.03	23.10	23.01	
1.4	16QAM	1	0	23.14	23.22	23.01	
1.4	16QAM	1	3	23.11	23.14	23.10	23.2
1.4	16QAM	1	5	23.11	23.04	23.01	
1.4	16QAM	3	0	23.30	23.18	23.31	
1.4	16QAM	3	1	23.32	23.24	23.30	23.2
1.4	16QAM	3	3	23.34	23.31	23.29	
1.4	16QAM	6	0	22.02	22.10	21.98	
1.4	64QAM	1	0	22.08	22.10	22.06	22.2
1.4	64QAM	1	3	22.08	22.19	22.14	
1.4	64QAM	1	5	22.01	22.14	21.98	
1.4	64QAM	3	0	22.10	22.08	22.08	20.2
1.4	64QAM	3	1	22.16	22.30	22.10	
1.4	64QAM	3	3	22.08	22.26	22.24	
1.4	64QAM	6	0	21.03	21.07	21.07	20.2
1.4	256QAM	1	0	18.94	19.15	19.04	
1.4	256QAM	1	3	19.13	19.21	19.20	
1.4	256QAM	1	5	19.26	19.25	19.28	20.2
1.4	256QAM	3	0	19.03	19.10	19.08	
1.4	256QAM	3	1	19.07	19.23	19.07	
1.4	256QAM	3	3	19.09	19.28	19.17	20.2
1.4	256QAM	6	0	19.13	19.15	19.18	

**<LTE Band 25_Ant 5_DSI 2 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	24.11	24.19	24.14	
20	QPSK	1	49	24.02	24.08	24.04	25.2
20	QPSK	1	99	23.93	23.96	23.96	
20	QPSK	50	0	22.89	22.92	22.85	
20	QPSK	50	24	22.85	22.97	22.87	24.2
20	QPSK	50	50	22.89	22.98	22.88	
20	QPSK	100	0	22.99	23.01	22.95	
20	16QAM	1	0	22.86	22.90	22.83	24.2
20	16QAM	1	49	22.87	22.93	22.90	
20	16QAM	1	99	22.78	22.82	22.76	
20	16QAM	50	0	21.89	21.91	21.91	23.2
20	16QAM	50	24	21.94	22.00	22.00	
20	16QAM	50	50	21.94	21.94	21.87	
20	16QAM	100	0	22.06	22.06	22.04	23.2
20	64QAM	1	0	21.99	22.02	21.95	
20	64QAM	1	49	21.91	21.98	21.93	
20	64QAM	1	99	21.89	21.94	21.92	22.2
20	64QAM	50	0	20.78	20.88	20.82	
20	64QAM	50	24	20.98	20.98	20.89	
20	64QAM	50	50	20.91	20.93	20.91	20.2
20	64QAM	100	0	20.92	20.98	20.90	
20	256QAM	1	0	18.64	18.64	18.58	
20	256QAM	1	49	18.63	18.68	18.66	20.2
20	256QAM	1	99	18.65	18.67	18.65	
20	256QAM	50	0	18.86	18.93	18.89	
20	256QAM	50	24	18.98	19.07	19.00	20.2
20	256QAM	50	50	19.02	19.02	18.98	
20	256QAM	100	0	18.89	18.99	18.99	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	23.95	24.03	24.03	
15	QPSK	1	37	23.92	23.88	23.88	25.2
15	QPSK	1	74	23.78	23.84	23.76	
15	QPSK	36	0	22.77	22.76	22.69	
15	QPSK	36	20	22.66	22.82	22.67	24.2
15	QPSK	36	39	22.79	22.81	22.78	
15	QPSK	75	0	22.84	22.90	22.85	
15	16QAM	1	0	22.72	22.77	22.66	24.2
15	16QAM	1	37	22.77	22.73	22.72	
15	16QAM	1	74	22.58	22.69	22.59	
15	16QAM	36	0	21.79	21.77	21.81	23.2
15	16QAM	36	20	21.77	21.87	21.90	
15	16QAM	36	39	21.77	21.76	21.67	
15	16QAM	75	0	21.89	21.90	21.87	23.2
15	64QAM	1	0	21.82	21.87	21.83	
15	64QAM	1	37	21.80	21.82	21.80	
15	64QAM	1	74	21.76	21.81	21.77	22.2
15	64QAM	36	0	20.65	20.77	20.65	
15	64QAM	36	20	20.83	20.78	20.78	
15	64QAM	36	39	20.72	20.79	20.79	20.2
15	64QAM	75	0	20.73	20.80	20.74	
15	256QAM	1	0	18.52	18.44	18.40	
15	256QAM	1	37	18.44	18.52	18.46	20.2
15	256QAM	1	74	18.50	18.55	18.54	
15	256QAM	36	0	18.70	18.79	18.79	
15	256QAM	36	20	18.85	18.94	18.80	20.2



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15	256QAM	36	39	18.89	18.92	18.82	Tune-up limit (dBm)
15	256QAM	75	0	18.78	18.80	18.81	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	23.99	24.01	24.00	25.2
10	QPSK	1	25	23.90	23.90	23.92	
10	QPSK	1	49	23.83	23.79	23.76	
10	QPSK	25	0	22.77	22.78	22.68	24.2
10	QPSK	25	12	22.72	22.86	22.77	
10	QPSK	25	25	22.77	22.82	22.71	
10	QPSK	50	0	22.87	22.86	22.82	
10	16QAM	1	0	22.69	22.72	22.63	24.2
10	16QAM	1	25	22.71	22.75	22.79	
10	16QAM	1	49	22.62	22.65	22.58	
10	16QAM	25	0	21.72	21.74	21.75	23.2
10	16QAM	25	12	21.82	21.81	21.85	
10	16QAM	25	25	21.80	21.79	21.73	
10	16QAM	50	0	21.94	21.89	21.87	
10	64QAM	1	0	21.89	21.86	21.83	23.2
10	64QAM	1	25	21.77	21.85	21.77	
10	64QAM	1	49	21.70	21.79	21.80	
10	64QAM	25	0	20.63	20.68	20.66	22.2
10	64QAM	25	12	20.82	20.87	20.71	
10	64QAM	25	25	20.72	20.81	20.79	
10	64QAM	50	0	20.82	20.83	20.77	
10	256QAM	1	0	18.48	18.44	18.47	20.2
10	256QAM	1	25	18.51	18.49	18.56	
10	256QAM	1	49	18.50	18.52	18.45	
10	256QAM	25	0	18.69	18.74	18.73	20.2
10	256QAM	25	12	18.86	18.93	18.85	
10	256QAM	25	25	18.86	18.88	18.86	
10	256QAM	50	0	18.70	18.88	18.81	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	23.99	24.01	24.04	25.2
5	QPSK	1	12	23.83	23.92	23.89	
5	QPSK	1	24	23.79	23.82	23.85	
5	QPSK	12	0	22.69	22.72	22.65	24.2
5	QPSK	12	7	22.71	22.86	22.73	
5	QPSK	12	13	22.73	22.88	22.77	
5	QPSK	25	0	22.85	22.81	22.78	
5	16QAM	1	0	22.73	22.76	22.69	24.2
5	16QAM	1	12	22.75	22.73	22.74	
5	16QAM	1	24	22.59	22.62	22.61	
5	16QAM	12	0	21.72	21.73	21.81	23.2
5	16QAM	12	7	21.74	21.89	21.82	
5	16QAM	12	13	21.77	21.76	21.69	
5	16QAM	25	0	21.87	21.91	21.91	
5	64QAM	1	0	21.85	21.82	21.85	23.2
5	64QAM	1	12	21.72	21.86	21.83	
5	64QAM	1	24	21.78	21.80	21.82	
5	64QAM	12	0	20.65	20.73	20.72	22.2
5	64QAM	12	7	20.84	20.79	20.79	
5	64QAM	12	13	20.72	20.75	20.80	
5	64QAM	25	0	20.79	20.87	20.75	
5	256QAM	1	0	18.50	18.51	18.39	20.2
5	256QAM	1	12	18.51	18.52	18.48	
5	256QAM	1	24	18.47	18.53	18.53	
5	256QAM	12	0	18.75	18.73	18.69	20.2
5	256QAM	12	7	18.84	18.96	18.88	
5	256QAM	12	13	18.90	18.83	18.84	
5	256QAM	25	0	18.75	18.79	18.86	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	23.91	24.09	23.96	25.2
3	QPSK	1	8	23.92	23.88	23.90	
3	QPSK	1	14	23.77	23.84	23.80	
3	QPSK	8	0	22.73	22.73	22.70	24.2
3	QPSK	8	4	22.66	22.78	22.70	
3	QPSK	8	7	22.78	22.82	22.70	
3	QPSK	15	0	22.89	22.81	22.77	24.2
3	16QAM	1	0	22.75	22.71	22.63	
3	16QAM	1	8	22.69	22.77	22.77	
3	16QAM	1	14	22.67	22.69	22.66	23.2
3	16QAM	8	0	21.73	21.74	21.71	
3	16QAM	8	4	21.78	21.88	21.83	
3	16QAM	8	7	21.77	21.76	21.67	23.2
3	16QAM	15	0	21.91	21.95	21.87	
3	64QAM	1	0	21.80	21.87	21.77	
3	64QAM	1	8	21.72	21.82	21.81	22.2
3	64QAM	1	14	21.72	21.81	21.79	
3	64QAM	8	0	20.62	20.69	20.68	
3	64QAM	8	4	20.87	20.80	20.69	20.2
3	64QAM	8	7	20.74	20.78	20.72	
3	64QAM	15	0	20.77	20.87	20.73	
3	256QAM	1	0	18.44	18.47	18.46	20.2
3	256QAM	1	8	18.47	18.55	18.52	
3	256QAM	1	14	18.46	18.51	18.52	
3	256QAM	8	0	18.69	18.78	18.72	20.2
3	256QAM	8	4	18.85	18.88	18.81	
3	256QAM	8	7	18.91	18.82	18.81	
3	256QAM	15	0	18.75	18.80	18.84	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	24.00	24.06	23.98	25.2
1.4	QPSK	1	3	23.85	23.93	23.84	
1.4	QPSK	1	5	23.76	23.77	23.86	
1.4	QPSK	3	0	23.81	23.95	23.79	24.2
1.4	QPSK	3	1	23.73	23.79	23.73	
1.4	QPSK	3	3	23.59	23.61	23.70	
1.4	QPSK	6	0	22.78	22.80	22.67	24.2
1.4	16QAM	1	0	22.71	22.82	22.71	
1.4	16QAM	1	3	22.69	22.87	22.76	
1.4	16QAM	1	5	22.87	22.84	22.77	23.2
1.4	16QAM	3	0	22.76	22.75	22.65	
1.4	16QAM	3	1	22.71	22.83	22.74	
1.4	16QAM	3	3	22.59	22.66	22.64	23.2
1.4	16QAM	6	0	21.76	21.73	21.72	
1.4	64QAM	1	0	21.77	21.81	21.89	
1.4	64QAM	1	3	21.77	21.82	21.68	22.2
1.4	64QAM	1	5	21.86	21.88	21.88	
1.4	64QAM	3	0	21.85	21.91	21.75	
1.4	64QAM	3	1	21.72	21.78	21.83	20.2
1.4	64QAM	3	3	21.76	21.84	21.78	
1.4	64QAM	6	0	20.65	20.71	20.68	
1.4	256QAM	1	0	18.47	18.54	18.38	20.2
1.4	256QAM	1	3	18.53	18.53	18.48	
1.4	256QAM	1	5	18.48	18.47	18.51	
1.4	256QAM	3	0	18.72	18.83	18.74	20.2
1.4	256QAM	3	1	18.88	18.89	18.89	
1.4	256QAM	3	3	18.86	18.92	18.81	
1.4	256QAM	6	0	18.77	18.81	18.79	



<LTE Band 26_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.40	24.39	24.42	
15	QPSK	1	37	24.39	24.38	24.36	25.2
15	QPSK	1	74	24.34	24.30	24.34	
15	QPSK	36	0	23.47	23.38	23.46	
15	QPSK	36	20	23.48	23.51	23.47	24.2
15	QPSK	36	39	23.45	23.46	23.35	
15	QPSK	75	0	23.52	23.50	23.38	
15	16QAM	1	0	23.59	23.64	23.70	24.2
15	16QAM	1	37	23.65	23.70	23.68	
15	16QAM	1	74	23.53	23.66	23.55	
15	16QAM	36	0	22.49	22.43	22.42	23.2
15	16QAM	36	20	22.51	22.52	22.41	
15	16QAM	36	39	22.47	22.45	22.37	
15	16QAM	75	0	22.48	22.45	22.34	23.2
15	64QAM	1	0	22.56	22.55	22.57	
15	64QAM	1	37	22.73	22.72	22.71	
15	64QAM	1	74	22.53	22.47	22.50	22.2
15	64QAM	36	0	21.47	21.42	21.43	
15	64QAM	36	20	21.50	21.50	21.41	
15	64QAM	36	39	21.45	21.44	21.36	20.2
15	64QAM	75	0	21.49	21.49	21.36	
15	256QAM	1	0	19.56	19.50	19.61	
15	256QAM	1	37	19.61	19.53	19.49	20.2
15	256QAM	1	74	19.29	19.47	19.30	
15	256QAM	36	0	19.46	19.44	19.47	20.2
15	256QAM	36	20	19.63	19.46	19.48	
15	256QAM	36	39	19.66	19.43	19.43	
15	256QAM	75	0	19.70	19.47	19.44	Tune-up limit (dBm)
Channel				26740	26865	26990	
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.20	24.26	24.22	25.2
10	QPSK	1	25	24.24	24.22	24.22	
10	QPSK	1	49	24.15	24.18	24.21	
10	QPSK	25	0	23.30	23.24	23.28	24.2
10	QPSK	25	12	23.30	23.35	23.28	
10	QPSK	25	25	23.26	23.28	23.23	
10	QPSK	50	0	23.37	23.31	23.23	24.2
10	16QAM	1	0	23.47	23.48	23.54	
10	16QAM	1	25	23.47	23.53	23.58	
10	16QAM	1	49	23.42	23.56	23.36	23.2
10	16QAM	25	0	22.33	22.27	22.23	
10	16QAM	25	12	22.40	22.33	22.29	
10	16QAM	25	25	22.28	22.33	22.19	23.2
10	16QAM	50	0	22.28	22.32	22.14	
10	64QAM	1	0	22.41	22.41	22.43	
10	64QAM	1	25	22.59	22.53	22.60	22.2
10	64QAM	1	49	22.34	22.34	22.31	
10	64QAM	25	0	21.36	21.25	21.24	
10	64QAM	25	12	21.31	21.36	21.21	20.2
10	64QAM	25	25	21.25	21.24	21.16	
10	64QAM	50	0	21.29	21.38	21.26	
10	256QAM	1	0	19.46	19.39	19.51	20.2
10	256QAM	1	25	19.42	19.40	19.31	
10	256QAM	1	49	19.09	19.35	19.10	
10	256QAM	25	0	19.33	19.33	19.29	20.2
10	256QAM	25	12	19.43	19.30	19.30	



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10	256QAM	25	25	19.50	19.30	19.25	Tune-up limit (dBm)
10	256QAM	50	0	19.52	19.32	19.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.23	24.28	24.22	25.2
5	QPSK	1	12	24.28	24.22	24.18	
5	QPSK	1	24	24.19	24.20	24.18	
5	QPSK	12	0	23.28	23.18	23.34	24.2
5	QPSK	12	7	23.33	23.41	23.35	
5	QPSK	12	13	23.28	23.26	23.24	
5	QPSK	25	0	23.34	23.31	23.27	
5	16QAM	1	0	23.41	23.48	23.54	24.2
5	16QAM	1	12	23.49	23.53	23.53	
5	16QAM	1	24	23.33	23.50	23.35	
5	16QAM	12	0	22.33	22.33	22.24	23.2
5	16QAM	12	7	22.34	22.38	22.27	
5	16QAM	12	13	22.34	22.34	22.23	
5	16QAM	25	0	22.37	22.31	22.23	
5	64QAM	1	0	22.38	22.42	22.46	23.2
5	64QAM	1	12	22.62	22.53	22.54	
5	64QAM	1	24	22.41	22.35	22.39	
5	64QAM	12	0	21.32	21.31	21.33	22.2
5	64QAM	12	7	21.30	21.38	21.28	
5	64QAM	12	13	21.26	21.30	21.26	
5	64QAM	25	0	21.38	21.35	21.16	
5	256QAM	1	0	19.37	19.33	19.43	20.2
5	256QAM	1	12	19.48	19.43	19.33	
5	256QAM	1	24	19.13	19.29	19.18	
5	256QAM	12	0	19.35	19.31	19.34	20.2
5	256QAM	12	7	19.52	19.32	19.29	
5	256QAM	12	13	19.55	19.25	19.30	
5	256QAM	25	0	19.52	19.33	19.27	Tune-up limit (dBm)
Channel				26705	26865	27025	
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)
3	QPSK	1	0	24.24	24.22	24.32	
3	QPSK	1	8	24.21	24.20	24.20	25.2
3	QPSK	1	14	24.21	24.13	24.18	
3	QPSK	8	0	23.27	23.22	23.33	24.2
3	QPSK	8	4	23.37	23.33	23.33	
3	QPSK	8	7	23.35	23.34	23.22	
3	QPSK	15	0	23.39	23.38	23.27	
3	16QAM	1	0	23.43	23.51	23.53	24.2
3	16QAM	1	8	23.52	23.60	23.55	
3	16QAM	1	14	23.34	23.52	23.42	
3	16QAM	8	0	22.30	22.25	22.32	23.2
3	16QAM	8	4	22.41	22.40	22.31	
3	16QAM	8	7	22.32	22.28	22.24	
3	16QAM	15	0	22.33	22.30	22.15	
3	64QAM	1	0	22.42	22.35	22.37	23.2
3	64QAM	1	8	22.57	22.60	22.52	
3	64QAM	1	14	22.39	22.28	22.40	
3	64QAM	8	0	21.29	21.32	21.26	22.2
3	64QAM	8	4	21.30	21.40	21.26	
3	64QAM	8	7	21.29	21.31	21.16	
3	64QAM	15	0	21.31	21.39	21.26	
3	256QAM	1	0	19.44	19.30	19.42	20.2
3	256QAM	1	8	19.44	19.41	19.33	
3	256QAM	1	14	19.16	19.29	19.18	
3	256QAM	8	0	19.30	19.34	19.32	20.2
3	256QAM	8	4	19.53	19.36	19.36	
3	256QAM	8	7	19.49	19.27	19.25	
3	256QAM	15	0	19.55	19.31	19.29	Tune-up limit (dBm)
Channel				26697	26865	27033	



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Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.29	24.26	24.24	25.2
1.4	QPSK	1	3	24.19	24.27	24.25	
1.4	QPSK	1	5	24.15	24.14	24.19	
1.4	QPSK	3	0	24.17	24.11	24.09	
1.4	QPSK	3	1	24.03	24.10	24.09	
1.4	QPSK	3	3	23.95	24.02	24.09	
1.4	QPSK	6	0	23.36	23.25	23.36	24.2
1.4	16QAM	1	0	23.29	23.31	23.32	24.2
1.4	16QAM	1	3	23.25	23.31	23.23	
1.4	16QAM	1	5	23.37	23.36	23.21	
1.4	16QAM	3	0	23.43	23.53	23.56	
1.4	16QAM	3	1	23.55	23.55	23.53	
1.4	16QAM	3	3	23.40	23.51	23.36	
1.4	16QAM	6	0	22.35	22.25	22.27	23.2
1.4	64QAM	1	0	22.41	22.36	22.25	23.2
1.4	64QAM	1	3	22.31	22.30	22.23	
1.4	64QAM	1	5	22.34	22.30	22.22	
1.4	64QAM	3	0	22.39	22.41	22.39	
1.4	64QAM	3	1	22.56	22.61	22.55	
1.4	64QAM	3	3	22.36	22.32	22.34	
1.4	64QAM	6	0	21.27	21.22	21.28	22.2
1.4	256QAM	1	0	19.38	19.38	19.41	20.2
1.4	256QAM	1	3	19.45	19.42	19.36	
1.4	256QAM	1	5	19.19	19.34	19.20	
1.4	256QAM	3	0	19.30	19.30	19.27	
1.4	256QAM	3	1	19.48	19.35	19.32	
1.4	256QAM	3	3	19.53	19.23	19.32	
1.4	256QAM	6	0	19.51	19.32	19.25	20.2



<LTE Band 30_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.85		25.2
10	QPSK	1	25		23.79		
10	QPSK	1	49		23.74		
10	QPSK	25	0		22.89		24.2
10	QPSK	25	12		22.82		
10	QPSK	25	25		22.79		
10	QPSK	50	0		22.77		24.2
10	16QAM	1	0		23.10		
10	16QAM	1	25		23.03		
10	16QAM	1	49		22.93		23.2
10	16QAM	25	0		21.87		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.77		23.2
10	16QAM	50	0		21.76		
10	64QAM	1	0		22.05		
10	64QAM	1	25		22.04		23.2
10	64QAM	1	49		21.89		
10	64QAM	25	0		20.91		
10	64QAM	25	12		20.83		22.2
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.82		
10	256QAM	1	0		18.91		20.2
10	256QAM	1	25		18.93		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.85		20.2
10	256QAM	25	12		18.85		
10	256QAM	25	25		18.78		
10	256QAM	50	0		18.80		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.75	23.74	23.74	25.2
5	QPSK	1	12	23.69	23.59	23.69	
5	QPSK	1	24	23.60	23.56	23.60	
5	QPSK	12	0	22.75	22.76	22.72	24.2
5	QPSK	12	7	22.71	22.72	22.64	
5	QPSK	12	13	22.64	22.67	22.63	
5	QPSK	25	0	22.58	22.61	22.57	24.2
5	16QAM	1	0	22.96	22.99	22.95	
5	16QAM	1	12	22.89	22.92	22.88	
5	16QAM	1	24	22.78	22.74	22.80	23.2
5	16QAM	12	0	21.70	21.72	21.71	
5	16QAM	12	7	21.69	21.63	21.68	
5	16QAM	12	13	21.65	21.57	21.59	23.2
5	16QAM	25	0	21.58	21.56	21.60	
5	64QAM	1	0	21.95	21.86	21.95	
5	64QAM	1	12	21.91	21.92	21.88	23.2
5	64QAM	1	24	21.76	21.77	21.74	
5	64QAM	12	0	20.76	20.71	20.76	
5	64QAM	12	7	20.70	20.69	20.72	22.2
5	64QAM	12	13	20.60	20.68	20.63	
5	64QAM	25	0	20.69	20.65	20.71	
5	256QAM	1	0	18.80	18.78	18.79	20.2
5	256QAM	1	12	18.80	18.77	18.80	
5	256QAM	1	24	18.64	18.70	18.71	
5	256QAM	12	0	18.65	18.70	18.65	20.2
5	256QAM	12	7	18.73	18.70	18.74	
5	256QAM	12	13	18.67	18.58	18.60	
5	256QAM	25	0	18.62	18.70	18.60	



<LTE Band 38_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.34	23.38	23.51	25.2
20	QPSK	1	49	23.34	23.34	23.48	
20	QPSK	1	99	23.40	23.42	23.41	
20	QPSK	50	0	22.42	22.44	22.50	24.2
20	QPSK	50	24	22.35	22.44	22.50	
20	QPSK	50	50	22.38	22.44	22.58	
20	QPSK	100	0	22.34	22.46	22.49	24.2
20	16QAM	1	0	22.67	22.71	22.82	
20	16QAM	1	49	22.66	22.69	22.78	
20	16QAM	1	99	22.61	22.59	22.71	23.2
20	16QAM	50	0	21.47	21.45	21.50	
20	16QAM	50	24	21.38	21.49	21.52	
20	16QAM	50	50	21.37	21.46	21.58	23.2
20	16QAM	100	0	21.37	21.47	21.50	
20	64QAM	1	0	21.54	21.60	21.68	
20	64QAM	1	49	21.61	21.58	21.70	22.2
20	64QAM	1	99	21.50	21.52	21.64	
20	64QAM	50	0	20.43	20.48	20.52	
20	64QAM	50	24	20.40	20.48	20.52	20.2
20	64QAM	50	50	20.39	20.47	20.58	
20	64QAM	100	0	20.37	20.48	20.52	
20	256QAM	1	0	18.44	18.62	18.55	20.2
20	256QAM	1	49	18.54	18.55	18.49	
20	256QAM	1	99	18.52	18.60	18.48	
20	256QAM	50	0	18.52	18.43	18.41	20.2
20	256QAM	50	24	18.37	18.38	18.40	
20	256QAM	50	50	18.38	18.32	18.44	
20	256QAM	100	0	18.34	18.40	18.42	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.26	23.36	23.46	25.2
15	QPSK	1	37	23.30	23.33	23.47	
15	QPSK	1	74	23.37	23.33	23.36	
15	QPSK	36	0	22.40	22.38	22.42	24.2
15	QPSK	36	20	22.32	22.41	22.39	
15	QPSK	36	39	22.29	22.33	22.48	
15	QPSK	75	0	22.29	22.38	22.43	24.2
15	16QAM	1	0	22.61	22.64	22.81	
15	16QAM	1	37	22.58	22.64	22.70	
15	16QAM	1	74	22.57	22.58	22.61	23.2
15	16QAM	36	0	21.38	21.34	21.43	
15	16QAM	36	20	21.31	21.41	21.42	
15	16QAM	36	39	21.27	21.45	21.52	23.2
15	16QAM	75	0	21.34	21.36	21.41	
15	64QAM	1	0	21.49	21.50	21.62	
15	64QAM	1	37	21.55	21.47	21.62	22.2
15	64QAM	1	74	21.40	21.50	21.57	
15	64QAM	36	0	20.33	20.38	20.43	
15	64QAM	36	20	20.39	20.46	20.50	20.2
15	64QAM	36	39	20.28	20.36	20.54	
15	64QAM	75	0	20.31	20.41	20.47	
15	256QAM	1	0	18.36	18.55	18.54	20.2
15	256QAM	1	37	18.53	18.44	18.39	
15	256QAM	1	74	18.43	18.50	18.37	
15	256QAM	36	0	18.45	18.33	18.33	20.2
15	256QAM	36	20	18.36	18.27	18.34	



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15	256QAM	36	39	18.28	18.29	18.42	Tune-up limit (dBm)
15	256QAM	75	0	18.33	18.37	18.31	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.24	23.33	23.44	25.2
10	QPSK	1	25	23.25	23.25	23.44	
10	QPSK	1	49	23.34	23.38	23.37	
10	QPSK	25	0	22.41	22.39	22.47	24.2
10	QPSK	25	12	22.31	22.33	22.47	
10	QPSK	25	25	22.28	22.33	22.50	
10	QPSK	50	0	22.25	22.45	22.39	
10	16QAM	1	0	22.61	22.63	22.79	24.2
10	16QAM	1	25	22.61	22.58	22.69	
10	16QAM	1	49	22.51	22.48	22.61	
10	16QAM	25	0	21.41	21.43	21.45	23.2
10	16QAM	25	12	21.27	21.47	21.42	
10	16QAM	25	25	21.28	21.36	21.49	
10	16QAM	50	0	21.32	21.36	21.39	
10	64QAM	1	0	21.52	21.52	21.67	23.2
10	64QAM	1	25	21.54	21.54	21.64	
10	64QAM	1	49	21.39	21.44	21.60	
10	64QAM	25	0	20.40	20.45	20.50	22.2
10	64QAM	25	12	20.33	20.47	20.41	
10	64QAM	25	25	20.35	20.38	20.48	
10	64QAM	50	0	20.33	20.44	20.48	
10	256QAM	1	0	18.43	18.59	18.48	20.2
10	256QAM	1	25	18.48	18.53	18.42	
10	256QAM	1	49	18.42	18.53	18.47	
10	256QAM	25	0	18.41	18.41	18.38	20.2
10	256QAM	25	12	18.34	18.27	18.37	
10	256QAM	25	25	18.28	18.29	18.43	
10	256QAM	50	0	18.26	18.36	18.32	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.27	23.27	23.50	25.2
5	QPSK	1	12	23.28	23.28	23.40	
5	QPSK	1	24	23.38	23.31	23.30	
5	QPSK	12	0	22.40	22.36	22.42	24.2
5	QPSK	12	7	22.32	22.33	22.46	
5	QPSK	12	13	22.27	22.41	22.53	
5	QPSK	25	0	22.23	22.39	22.48	
5	16QAM	1	0	22.59	22.62	22.76	24.2
5	16QAM	1	12	22.64	22.64	22.69	
5	16QAM	1	24	22.54	22.58	22.70	
5	16QAM	12	0	21.46	21.42	21.48	23.2
5	16QAM	12	7	21.30	21.40	21.43	
5	16QAM	12	13	21.30	21.38	21.48	
5	16QAM	25	0	21.27	21.45	21.48	
5	64QAM	1	0	21.52	21.54	21.62	23.2
5	64QAM	1	12	21.56	21.55	21.61	
5	64QAM	1	24	21.47	21.41	21.60	
5	64QAM	12	0	20.35	20.46	20.44	22.2
5	64QAM	12	7	20.31	20.47	20.48	
5	64QAM	12	13	20.36	20.39	20.52	
5	64QAM	25	0	20.28	20.38	20.48	
5	256QAM	1	0	18.43	18.51	18.49	20.2
5	256QAM	1	12	18.50	18.49	18.38	
5	256QAM	1	24	18.51	18.55	18.45	
5	256QAM	12	0	18.50	18.38	18.33	20.2
5	256QAM	12	7	18.32	18.34	18.32	
5	256QAM	12	13	18.30	18.29	18.33	
5	256QAM	25	0	18.24	18.36	18.38	



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<LTE Band 41_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	23.85	23.44	23.68	24.08	24.35	25.2
20	QPSK	1	49	23.81	23.40	23.66	23.93	24.21	
20	QPSK	1	99	23.69	23.32	23.67	24.06	24.23	
20	QPSK	50	0	22.90	22.37	22.66	22.97	23.36	24.2
20	QPSK	50	24	22.92	22.39	22.74	23.09	23.37	
20	QPSK	50	50	22.76	22.36	22.70	23.07	23.28	
20	QPSK	100	0	22.91	22.38	22.73	23.04	23.37	
20	16QAM	1	0	22.85	22.47	22.69	23.03	23.30	24.2
20	16QAM	1	49	22.83	22.49	22.66	22.98	23.26	
20	16QAM	1	99	22.67	22.71	22.71	23.10	23.27	
20	16QAM	50	0	21.94	21.47	21.67	21.96	22.37	23.2
20	16QAM	50	24	21.93	21.42	21.75	22.07	22.36	
20	16QAM	50	50	21.77	21.39	21.75	22.04	22.27	
20	16QAM	100	0	21.90	21.40	21.76	22.06	22.35	
20	64QAM	1	0	21.85	21.36	21.69	21.92	22.36	
20	64QAM	1	49	21.78	21.41	21.66	21.95	22.22	23.2
20	64QAM	1	99	21.62	21.37	21.75	22.11	22.25	
20	64QAM	50	0	20.93	20.49	20.68	20.98	21.36	22.2
20	64QAM	50	24	20.96	20.42	20.78	21.06	21.38	
20	64QAM	50	50	20.80	20.39	20.77	21.07	21.28	
20	64QAM	100	0	20.92	20.41	20.77	21.06	21.35	
20	256QAM	1	0	19.07	18.59	18.74	19.05	19.49	20.2
20	256QAM	1	49	18.91	18.84	18.87	19.09	19.40	
20	256QAM	1	99	18.84	18.85	18.90	19.23	19.29	
20	256QAM	50	0	18.99	18.77	18.79	19.03	19.39	20.2
20	256QAM	50	24	18.98	18.87	18.88	19.16	19.41	
20	256QAM	50	50	18.91	18.71	18.81	19.11	19.34	
20	256QAM	100	0	18.99	18.72	18.81	19.15	19.39	
Channel				39725	40173	40620	41068	41515	Tune-up limit
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	(dBm)
15	QPSK	1	0	23.72	23.30	23.51	23.91	24.21	25.20
15	QPSK	1	37	23.64	23.23	23.46	23.79	24.10	
15	QPSK	1	74	23.58	23.23	23.48	23.87	24.07	
15	QPSK	36	0	22.79	22.22	22.50	22.86	23.16	24.2
15	QPSK	36	20	22.75	22.23	22.54	22.92	23.26	
15	QPSK	36	39	22.59	22.21	22.58	22.88	23.08	
15	QPSK	75	0	22.77	22.26	22.56	22.85	23.21	24.2
15	16QAM	1	0	22.66	22.32	22.53	22.87	23.17	
15	16QAM	1	37	22.63	22.35	22.46	22.87	23.06	
15	16QAM	1	74	22.56	22.59	22.57	22.94	23.17	23.2
15	16QAM	36	0	21.76	21.36	21.52	21.78	22.26	
15	16QAM	36	20	21.83	21.27	21.57	21.90	22.23	
15	16QAM	36	39	21.62	21.24	21.55	21.87	22.09	
15	16QAM	75	0	21.70	21.28	21.62	21.88	22.16	23.2
15	64QAM	1	0	21.65	21.24	21.56	21.79	22.21	
15	64QAM	1	37	21.60	21.31	21.47	21.83	22.08	
15	64QAM	1	74	21.47	21.21	21.65	21.97	22.14	22.2
15	64QAM	36	0	20.77	20.29	20.56	20.80	21.21	
15	64QAM	36	20	20.81	20.25	20.58	20.93	21.25	
15	64QAM	36	39	20.63	20.20	20.60	20.92	21.10	
15	64QAM	75	0	20.82	20.24	20.57	20.89	21.19	20.2
15	256QAM	1	0	18.88	18.39	18.61	18.86	19.39	
15	256QAM	1	37	18.76	18.74	18.72	18.98	19.25	
15	256QAM	1	74	18.68	18.72	18.80	19.10	19.14	20.2
15	256QAM	36	0	18.83	18.62	18.64	18.89	19.28	
15	256QAM	36	20	18.85	18.73	18.68	19.03	19.27	
15	256QAM	36	39	18.80	18.51	18.70	18.92	19.24	



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15	256QAM	75	0	18.84	18.52	18.70	18.97	19.26	
Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	23.65	23.31	23.58	23.90	24.16	25.20
10	QPSK	1	25	23.63	23.26	23.49	23.79	24.07	
10	QPSK	1	49	23.52	23.32	23.55	23.91	24.05	
10	QPSK	25	0	22.77	22.30	22.47	22.78	23.21	24.2
10	QPSK	25	12	22.76	22.25	22.59	22.96	23.17	
10	QPSK	25	25	22.57	22.21	22.52	22.88	23.16	
10	QPSK	50	0	22.76	22.26	22.53	22.85	23.18	
10	16QAM	1	0	22.66	22.31	22.58	22.90	23.16	24.2
10	16QAM	1	25	22.67	22.34	22.47	22.86	23.15	
10	16QAM	1	49	22.56	22.55	22.51	22.94	23.11	
10	16QAM	25	0	21.79	21.30	21.50	21.81	22.18	23.2
10	16QAM	25	12	21.83	21.28	21.59	21.93	22.18	
10	16QAM	25	25	21.59	21.30	21.59	21.94	22.14	
10	16QAM	50	0	21.75	21.23	21.57	21.87	22.23	
10	64QAM	1	0	21.72	21.24	21.50	21.77	22.18	23.2
10	64QAM	1	25	21.64	21.22	21.48	21.78	22.10	
10	64QAM	1	49	21.49	21.23	21.64	21.91	22.12	
10	64QAM	25	0	20.79	20.34	20.55	20.78	21.20	22.2
10	64QAM	25	12	20.82	20.26	20.58	20.90	21.19	
10	64QAM	25	25	20.70	20.25	20.60	20.95	21.11	
10	64QAM	50	0	20.75	20.31	20.67	20.95	21.24	
10	256QAM	1	0	18.95	18.43	18.55	18.89	19.31	20.2
10	256QAM	1	25	18.78	18.74	18.77	18.92	19.23	
10	256QAM	1	49	18.65	18.70	18.74	19.13	19.19	
10	256QAM	25	0	18.85	18.60	18.63	18.90	19.23	20.2
10	256QAM	25	12	18.82	18.67	18.68	19.04	19.21	
10	256QAM	25	25	18.76	18.54	18.69	18.92	19.17	
10	256QAM	50	0	18.88	18.54	18.66	19.03	19.24	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	23.67	23.24	23.48	23.92	24.15	25.20
5	QPSK	1	12	23.71	23.25	23.50	23.76	24.10	
5	QPSK	1	24	23.58	23.23	23.48	23.94	24.12	
5	QPSK	12	0	22.70	22.22	22.48	22.86	23.26	24.2
5	QPSK	12	7	22.79	22.24	22.55	22.97	23.20	
5	QPSK	12	13	22.65	22.25	22.50	22.90	23.13	
5	QPSK	25	0	22.73	22.20	22.60	22.91	23.27	
5	16QAM	1	0	22.73	22.36	22.55	22.86	23.20	24.2
5	16QAM	1	12	22.70	22.31	22.53	22.82	23.15	
5	16QAM	1	24	22.52	22.55	22.59	22.90	23.11	
5	16QAM	12	0	21.78	21.27	21.51	21.84	22.27	23.2
5	16QAM	12	7	21.77	21.25	21.63	21.87	22.17	
5	16QAM	12	13	21.61	21.23	21.63	21.94	22.12	
5	16QAM	25	0	21.79	21.25	21.60	21.88	22.25	
5	64QAM	1	0	21.67	21.22	21.56	21.79	22.26	23.2
5	64QAM	1	12	21.58	21.28	21.48	21.84	22.08	
5	64QAM	1	24	21.50	21.24	21.61	21.92	22.13	
5	64QAM	12	0	20.79	20.35	20.48	20.84	21.23	22.2
5	64QAM	12	7	20.77	20.25	20.67	20.86	21.25	
5	64QAM	12	13	20.69	20.29	20.59	20.93	21.12	
5	64QAM	25	0	20.80	20.24	20.57	20.95	21.23	
5	256QAM	1	0	18.89	18.39	18.58	18.88	19.33	20.2
5	256QAM	1	12	18.72	18.69	18.72	18.98	19.24	
5	256QAM	1	24	18.70	18.75	18.79	19.12	19.15	
5	256QAM	12	0	18.84	18.58	18.59	18.84	19.28	20.2
5	256QAM	12	7	18.79	18.70	18.71	19.06	19.23	
5	256QAM	12	13	18.74	18.54	18.63	18.91	19.18	
5	256QAM	25	0	18.83	18.60	18.71	19.03	19.25	



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<LTE Band 41_HPUE_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	25.63	25.32	25.51	25.83	26.09	27
20	QPSK	1	49	25.69	25.27	25.49	25.80	25.99	
20	QPSK	1	99	25.55	25.21	25.47	25.95	26.07	
20	QPSK	50	0	24.79	24.39	24.53	24.86	25.23	26
20	QPSK	50	24	24.82	24.34	24.65	24.94	25.26	
20	QPSK	50	50	24.66	24.30	24.61	24.93	25.19	
20	QPSK	100	0	24.78	24.31	24.61	24.93	25.24	
20	16QAM	1	0	24.88	24.63	24.79	25.17	25.28	26
20	16QAM	1	49	24.95	24.65	24.81	25.11	25.26	
20	16QAM	1	99	24.89	24.53	24.86	25.24	25.28	
20	16QAM	50	0	23.82	23.40	23.52	23.85	24.26	25
20	16QAM	50	24	23.80	23.33	23.63	23.95	24.25	
20	16QAM	50	50	23.67	23.31	23.60	23.94	24.14	
20	16QAM	100	0	23.77	23.31	23.59	23.92	24.22	
20	64QAM	1	0	24.06	23.56	23.82	24.13	24.25	25
20	64QAM	1	49	23.96	23.54	23.82	24.14	24.15	
20	64QAM	1	99	23.80	23.46	23.78	24.26	24.25	
20	64QAM	50	0	22.83	22.43	22.54	22.87	23.25	24
20	64QAM	50	24	22.83	22.35	22.65	22.95	23.27	
20	64QAM	50	50	22.69	22.31	22.62	22.96	23.14	
20	64QAM	100	0	22.80	22.32	22.63	22.97	23.23	
20	256QAM	1	0	21.03	20.57	20.75	21.11	21.43	22
20	256QAM	1	49	20.96	20.61	20.88	21.15	21.31	
20	256QAM	1	99	20.84	20.55	20.89	21.20	21.32	
20	256QAM	50	0	20.93	20.50	20.64	20.97	21.31	22
20	256QAM	50	24	20.89	20.81	20.75	21.06	21.29	
20	256QAM	50	50	20.79	20.77	20.72	21.04	21.20	
20	256QAM	100	0	20.88	20.80	20.72	21.02	21.28	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	25.52	25.21	25.39	25.66	25.97	27.00
15	QPSK	1	37	25.55	25.07	25.31	25.70	25.88	
15	QPSK	1	74	25.44	25.03	25.30	25.76	25.88	
15	QPSK	36	0	24.61	24.24	24.43	24.66	25.13	26
15	QPSK	36	20	24.62	24.23	24.54	24.76	25.07	
15	QPSK	36	39	24.53	24.16	24.49	24.78	24.99	
15	QPSK	75	0	24.66	24.18	24.42	24.75	25.11	
15	16QAM	1	0	24.70	24.43	24.60	25.05	25.27	26
15	16QAM	1	37	24.84	24.54	24.66	24.96	25.21	
15	16QAM	1	74	24.77	24.40	24.75	25.13	25.14	
15	16QAM	36	0	23.65	23.25	23.39	23.69	24.06	25
15	16QAM	36	20	23.68	23.17	23.43	23.79	24.11	
15	16QAM	36	39	23.55	23.12	23.44	23.84	24.00	
15	16QAM	75	0	23.62	23.21	23.44	23.74	24.02	
15	64QAM	1	0	23.93	23.44	23.69	24.01	24.24	25
15	64QAM	1	37	23.77	23.44	23.72	23.96	24.30	
15	64QAM	1	74	23.61	23.27	23.62	24.13	24.22	
15	64QAM	36	0	22.65	22.25	22.44	22.74	23.08	24
15	64QAM	36	20	22.73	22.23	22.49	22.79	23.09	
15	64QAM	36	39	22.52	22.20	22.45	22.86	22.94	
15	64QAM	75	0	22.69	22.14	22.45	22.83	23.09	
15	256QAM	1	0	20.85	20.42	20.63	20.94	21.24	22
15	256QAM	1	37	20.82	20.43	20.70	20.98	21.15	
15	256QAM	1	74	20.65	20.42	20.71	21.10	21.21	
15	256QAM	36	0	20.75	20.40	20.49	20.80	21.15	22
15	256QAM	36	20	20.79	20.70	20.56	20.87	21.14	
15	256QAM	36	39	20.59	20.57	20.59	20.88	21.05	



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15	256QAM	75	0	20.78	20.67	20.54	20.87	21.08	
Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	25.53	25.17	25.33	25.65	25.94	27.00
10	QPSK	1	25	25.54	25.10	25.31	25.70	25.80	
10	QPSK	1	49	25.45	25.09	25.31	25.78	25.88	
10	QPSK	25	0	24.68	24.20	24.34	24.69	25.10	26
10	QPSK	25	12	24.68	24.14	24.51	24.77	25.09	
10	QPSK	25	25	24.49	24.11	24.47	24.77	25.05	
10	QPSK	50	0	24.65	24.11	24.46	24.83	25.13	
10	16QAM	1	0	24.70	24.52	24.65	25.05	25.23	26
10	16QAM	1	25	24.83	24.45	24.63	24.96	25.21	
10	16QAM	1	49	24.71	24.33	24.72	25.14	25.24	
10	16QAM	25	0	23.69	23.28	23.33	23.66	24.10	25
10	16QAM	25	12	23.68	23.20	23.49	23.80	24.15	
10	16QAM	25	25	23.54	23.19	23.40	23.81	24.03	
10	16QAM	50	0	23.62	23.19	23.47	23.73	24.09	
10	64QAM	1	0	23.91	23.40	23.63	23.94	24.24	25
10	64QAM	1	25	23.86	23.38	23.64	24.03	24.22	
10	64QAM	1	49	23.68	23.26	23.65	24.06	24.20	
10	64QAM	25	0	22.69	22.29	22.37	22.76	23.10	24
10	64QAM	25	12	22.66	22.15	22.51	22.78	23.08	
10	64QAM	25	25	22.53	22.12	22.49	22.84	22.95	
10	64QAM	50	0	22.63	22.22	22.49	22.77	23.10	
10	256QAM	1	0	20.89	20.45	20.55	20.99	21.24	22
10	256QAM	1	25	20.77	20.48	20.78	20.98	21.18	
10	256QAM	1	49	20.67	20.42	20.75	21.06	21.19	
10	256QAM	25	0	20.79	20.30	20.53	20.78	21.20	22
10	256QAM	25	12	20.70	20.66	20.65	20.86	21.14	
10	256QAM	25	25	20.59	20.60	20.58	20.86	21.00	
10	256QAM	50	0	20.76	20.61	20.53	20.88	21.17	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	25.48	25.16	25.31	25.68	25.92	27.00
5	QPSK	1	12	25.57	25.15	25.35	25.67	25.79	
5	QPSK	1	24	25.39	25.06	25.34	25.78	25.96	
5	QPSK	12	0	24.69	24.26	24.38	24.68	25.13	26
5	QPSK	12	7	24.69	24.14	24.47	24.75	25.09	
5	QPSK	12	13	24.48	24.10	24.48	24.81	25.06	
5	QPSK	25	0	24.68	24.16	24.50	24.83	25.06	
5	16QAM	1	0	24.76	24.53	24.64	25.02	25.19	26
5	16QAM	1	12	24.85	24.50	24.70	24.97	25.16	
5	16QAM	1	24	24.70	24.42	24.67	25.06	25.27	
5	16QAM	12	0	23.62	23.29	23.36	23.69	24.14	25
5	16QAM	12	7	23.70	23.18	23.46	23.80	24.06	
5	16QAM	12	13	23.57	23.13	23.42	23.83	23.98	
5	16QAM	25	0	23.65	23.16	23.41	23.82	24.12	
5	64QAM	1	0	23.91	23.36	23.67	23.96	24.29	25
5	64QAM	1	12	23.77	23.35	23.64	24.04	24.28	
5	64QAM	1	24	23.61	23.27	23.66	24.06	24.23	
5	64QAM	12	0	22.66	22.26	22.43	22.77	23.12	24
5	64QAM	12	7	22.70	22.23	22.49	22.83	23.08	
5	64QAM	12	13	22.49	22.14	22.49	22.77	22.97	
5	64QAM	25	0	22.70	22.15	22.45	22.77	23.09	
5	256QAM	1	0	20.86	20.38	20.59	20.93	21.31	22
5	256QAM	1	12	20.79	20.46	20.75	20.96	21.19	
5	256QAM	1	24	20.67	20.37	20.69	21.00	21.17	
5	256QAM	12	0	20.82	20.31	20.47	20.86	21.13	22
5	256QAM	12	7	20.75	20.62	20.64	20.96	21.11	
5	256QAM	12	13	20.62	20.57	20.53	20.87	21.07	
5	256QAM	25	0	20.69	20.61	20.54	20.89	21.08	

<LTE Band 48_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.26	22.39	22.39	22.46	24
20	QPSK	1	49	22.24	22.37	22.38	22.36	
20	QPSK	1	99	22.25	22.31	22.33	22.37	
20	QPSK	50	0	21.27	21.34	21.35	21.44	23
20	QPSK	50	24	21.33	21.45	21.38	21.50	
20	QPSK	50	50	21.34	21.45	21.45	21.51	
20	QPSK	100	0	21.31	21.40	21.35	21.51	
20	16QAM	1	0	21.19	21.35	21.32	21.41	23
20	16QAM	1	49	21.26	21.38	21.42	21.45	
20	16QAM	1	99	21.26	21.37	21.39	21.42	
20	16QAM	50	0	20.28	20.35	20.33	20.40	22
20	16QAM	50	24	20.33	20.43	20.36	20.48	
20	16QAM	50	50	20.35	20.45	20.43	20.49	
20	16QAM	100	0	20.31	20.43	20.34	20.49	
20	64QAM	1	0	20.12	20.32	20.28	20.34	22
20	64QAM	1	49	20.17	20.36	20.34	20.41	
20	64QAM	1	99	20.28	20.26	20.34	20.33	
20	64QAM	50	0	19.27	19.32	19.30	19.40	21
20	64QAM	50	24	19.30	19.44	19.34	19.48	
20	64QAM	50	50	19.34	19.43	19.42	19.48	
20	64QAM	100	0	19.30	19.44	19.33	19.48	
20	256QAM	1	0	17.25	17.38	17.38	17.49	19
20	256QAM	1	49	17.44	17.42	17.37	17.52	
20	256QAM	1	99	17.49	17.45	17.45	17.56	
20	256QAM	50	0	17.34	17.36	17.44	17.32	19
20	256QAM	50	24	17.42	17.49	17.46	17.49	
20	256QAM	50	50	17.47	17.48	17.51	17.50	
20	256QAM	100	0	17.50	17.48	17.45	17.43	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.13	22.21	22.28	22.27	24
15	QPSK	1	37	22.04	22.25	22.20	22.25	
15	QPSK	1	74	22.13	22.17	22.21	22.17	
15	QPSK	36	0	21.14	21.22	21.16	21.34	23
15	QPSK	36	20	21.23	21.27	21.24	21.38	
15	QPSK	36	39	21.16	21.35	21.28	21.34	
15	QPSK	75	0	21.11	21.27	21.20	21.37	
15	16QAM	1	0	21.07	21.18	21.20	21.22	23
15	16QAM	1	37	21.11	21.23	21.26	21.35	
15	16QAM	1	74	21.10	21.26	21.22	21.31	
15	16QAM	36	0	20.15	20.19	20.16	20.22	22
15	16QAM	36	20	20.14	20.32	20.20	20.33	
15	16QAM	36	39	20.20	20.32	20.25	20.37	
15	16QAM	75	0	20.20	20.30	20.20	20.39	
15	64QAM	1	0	20.01	20.19	20.15	20.16	22
15	64QAM	1	37	20.06	20.24	20.14	20.25	
15	64QAM	1	74	20.10	20.11	20.15	20.15	
15	64QAM	36	0	19.08	19.15	19.11	19.28	21
15	64QAM	36	20	19.15	19.32	19.24	19.36	
15	64QAM	36	39	19.21	19.33	19.28	19.28	
15	64QAM	75	0	19.16	19.27	19.14	19.38	
15	256QAM	1	0	17.11	17.27	17.21	17.39	19
15	256QAM	1	37	17.24	17.22	17.21	17.39	
15	256QAM	1	74	17.38	17.30	17.26	17.44	
15	256QAM	36	0	17.14	17.20	17.28	17.17	19
15	256QAM	36	20	17.31	17.35	17.26	17.39	
15	256QAM	36	39	17.31	17.34	17.40	17.34	



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15	256QAM	75	0	17.31	17.30	17.31	17.23	Tune-up limit (dBm)
Channel				55290	55815	56165	56690	
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.16	22.28	22.22	22.27	24
10	QPSK	1	25	22.09	22.22	22.23	22.23	
10	QPSK	1	49	22.06	22.17	22.17	22.23	
10	QPSK	25	0	21.17	21.16	21.15	21.30	23
10	QPSK	25	12	21.20	21.34	21.20	21.40	
10	QPSK	25	25	21.20	21.26	21.30	21.40	
10	QPSK	50	0	21.18	21.27	21.25	21.37	
10	16QAM	1	0	21.09	21.24	21.17	21.27	23
10	16QAM	1	25	21.06	21.21	21.25	21.27	
10	16QAM	1	49	21.09	21.25	21.28	21.28	
10	16QAM	25	0	20.16	20.23	20.19	20.26	22
10	16QAM	25	12	20.16	20.26	20.23	20.37	
10	16QAM	25	25	20.24	20.25	20.30	20.32	
10	16QAM	50	0	20.13	20.27	20.19	20.33	
10	64QAM	1	0	20.16	20.17	20.16	20.17	22
10	64QAM	1	25	20.00	20.25	20.23	20.31	
10	64QAM	1	49	20.16	20.07	20.24	20.16	
10	64QAM	25	0	19.12	19.20	19.16	19.21	21
10	64QAM	25	12	19.13	19.33	19.14	19.28	
10	64QAM	25	25	19.21	19.26	19.26	19.28	
10	64QAM	50	0	19.18	19.33	19.16	19.38	
10	256QAM	1	0	17.08	17.22	17.18	17.38	19
10	256QAM	1	25	17.29	17.31	17.22	17.32	
10	256QAM	1	49	17.32	17.31	17.26	17.41	
10	256QAM	25	0	17.16	17.17	17.29	17.17	19
10	256QAM	25	12	17.26	17.37	17.26	17.39	
10	256QAM	25	25	17.31	17.31	17.40	17.30	
10	256QAM	50	0	17.34	17.28	17.31	17.30	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.06	22.25	22.22	22.36	24
5	QPSK	1	12	22.05	22.27	22.20	22.24	
5	QPSK	1	24	22.13	22.11	22.14	22.22	
5	QPSK	12	0	21.13	21.14	21.15	21.26	23
5	QPSK	12	7	21.21	21.27	21.19	21.39	
5	QPSK	12	13	21.20	21.27	21.33	21.33	
5	QPSK	25	0	21.19	21.27	21.18	21.40	
5	16QAM	1	0	21.02	21.20	21.17	21.22	23
5	16QAM	1	12	21.15	21.21	21.24	21.31	
5	16QAM	1	24	21.08	21.25	21.20	21.31	
5	16QAM	12	0	20.09	20.25	20.19	20.22	22
5	16QAM	12	7	20.17	20.31	20.19	20.30	
5	16QAM	12	13	20.24	20.33	20.23	20.39	
5	16QAM	25	0	20.18	20.25	20.21	20.38	
5	64QAM	1	0	20.15	20.14	20.11	20.18	22
5	64QAM	1	12	20.02	20.21	20.23	20.31	
5	64QAM	1	24	20.15	20.15	20.15	20.17	
5	64QAM	12	0	19.10	19.17	19.19	19.25	21
5	64QAM	12	7	19.12	19.34	19.17	19.35	
5	64QAM	12	13	19.19	19.27	19.31	19.37	
5	64QAM	25	0	19.16	19.32	19.23	19.32	
5	256QAM	1	0	17.07	17.26	17.19	17.35	19
5	256QAM	1	12	17.29	17.28	17.26	17.36	
5	256QAM	1	24	17.30	17.28	17.33	17.46	
5	256QAM	12	0	17.23	17.23	17.33	17.21	19
5	256QAM	12	7	17.23	17.31	17.30	17.38	
5	256QAM	12	13	17.28	17.37	17.34	17.33	
5	256QAM	25	0	17.37	17.28	17.25	17.33	



<LTE Band 48_Ant 9_DSI 0>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.39	22.71	22.87	23.00	24
20	QPSK	1	49	22.66	22.68	22.73	22.83	
20	QPSK	1	99	22.69	22.68	22.65	22.74	
20	QPSK	50	0	21.69	21.74	21.70	21.84	23
20	QPSK	50	24	21.65	21.65	21.70	21.83	
20	QPSK	50	50	21.64	21.62	21.67	21.75	
20	QPSK	100	0	21.66	21.75	21.73	21.78	
20	16QAM	1	0	21.89	21.95	21.93	22.02	23
20	16QAM	1	49	22.03	21.99	21.96	22.06	
20	16QAM	1	99	21.93	21.91	21.94	21.96	
20	16QAM	50	0	20.68	20.74	20.74	20.81	
20	16QAM	50	24	20.72	20.66	20.65	20.81	22
20	16QAM	50	50	20.60	20.64	20.61	20.75	
20	16QAM	100	0	20.62	20.63	20.66	20.79	
20	64QAM	1	0	21.00	20.96	20.93	21.07	
20	64QAM	1	49	20.94	21.00	20.95	21.07	22
20	64QAM	1	99	20.86	20.88	20.86	20.97	
20	64QAM	50	0	19.75	19.74	19.78	19.83	
20	64QAM	50	24	19.65	19.62	19.62	19.77	21
20	64QAM	50	50	19.60	19.58	19.67	19.68	
20	64QAM	100	0	19.68	19.68	19.72	19.81	
20	256QAM	1	0	17.52	17.49	17.54	17.67	
20	256QAM	1	49	17.61	17.61	17.56	17.70	19
20	256QAM	1	99	17.68	17.68	17.73	17.80	
20	256QAM	50	0	17.70	17.61	17.67	17.71	
20	256QAM	50	24	17.69	17.76	17.71	17.87	19
20	256QAM	50	50	17.71	17.79	17.80	17.85	
20	256QAM	100	0	17.74	17.76	17.75	17.94	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.24	22.59	22.75	22.88	24
15	QPSK	1	37	22.53	22.56	22.59	22.70	
15	QPSK	1	74	22.51	22.50	22.52	22.64	
15	QPSK	36	0	21.59	21.54	21.53	21.74	23
15	QPSK	36	20	21.51	21.53	21.58	21.70	
15	QPSK	36	39	21.49	21.50	21.53	21.55	
15	QPSK	75	0	21.56	21.55	21.54	21.61	
15	16QAM	1	0	21.74	21.77	21.78	21.82	23
15	16QAM	1	37	21.91	21.82	21.86	21.89	
15	16QAM	1	74	21.75	21.71	21.84	21.81	
15	16QAM	36	0	20.53	20.54	20.54	20.68	22
15	16QAM	36	20	20.56	20.51	20.55	20.62	
15	16QAM	36	39	20.48	20.44	20.49	20.58	
15	16QAM	75	0	20.44	20.48	20.53	20.68	
15	64QAM	1	0	20.87	20.83	20.82	20.88	22
15	64QAM	1	37	20.81	20.81	20.85	20.92	
15	64QAM	1	74	20.75	20.68	20.70	20.86	
15	64QAM	36	0	19.65	19.59	19.61	19.71	21
15	64QAM	36	20	19.54	19.47	19.49	19.63	
15	64QAM	36	39	19.42	19.39	19.53	19.57	
15	64QAM	75	0	19.56	19.55	19.53	19.65	
15	256QAM	1	0	17.41	17.35	17.44	17.50	19
15	256QAM	1	37	17.43	17.50	17.46	17.50	
15	256QAM	1	74	17.58	17.56	17.59	17.62	
15	256QAM	36	0	17.55	17.47	17.48	17.60	19
15	256QAM	36	20	17.55	17.57	17.57	17.75	
15	256QAM	36	39	17.59	17.64	17.60	17.69	



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15	256QAM	75	0	17.56	17.61	17.61	17.81	Tune-up limit (dBm)
Channel				55290	55815	56165	56690	
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.22	22.51	22.73	22.83	24
10	QPSK	1	25	22.48	22.48	22.61	22.67	
10	QPSK	1	49	22.53	22.51	22.49	22.64	
10	QPSK	25	0	21.54	21.57	21.50	21.70	23
10	QPSK	25	12	21.46	21.45	21.59	21.67	
10	QPSK	25	25	21.54	21.48	21.55	21.65	
10	QPSK	50	0	21.48	21.56	21.62	21.64	
10	16QAM	1	0	21.75	21.77	21.76	21.88	23
10	16QAM	1	25	21.86	21.80	21.80	21.95	
10	16QAM	1	49	21.78	21.78	21.79	21.77	
10	16QAM	25	0	20.56	20.63	20.56	20.70	22
10	16QAM	25	12	20.56	20.49	20.45	20.66	
10	16QAM	25	25	20.44	20.48	20.42	20.62	
10	16QAM	50	0	20.45	20.53	20.53	20.65	
10	64QAM	1	0	20.86	20.76	20.80	20.97	22
10	64QAM	1	25	20.83	20.86	20.80	20.94	
10	64QAM	1	49	20.73	20.70	20.69	20.78	
10	64QAM	25	0	19.56	19.54	19.59	19.66	21
10	64QAM	25	12	19.48	19.51	19.51	19.65	
10	64QAM	25	25	19.43	19.40	19.53	19.50	
10	64QAM	50	0	19.57	19.54	19.61	19.66	
10	256QAM	1	0	17.39	17.31	17.35	17.57	19
10	256QAM	1	25	17.44	17.51	17.38	17.56	
10	256QAM	1	49	17.52	17.49	17.53	17.70	
10	256QAM	25	0	17.51	17.43	17.49	17.57	19
10	256QAM	25	12	17.56	17.62	17.51	17.71	
10	256QAM	25	25	17.55	17.67	17.63	17.71	
10	256QAM	50	0	17.58	17.66	17.63	17.79	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.22	22.59	22.74	22.88	24
5	QPSK	1	12	22.47	22.56	22.56	22.70	
5	QPSK	1	24	22.51	22.57	22.50	22.59	
5	QPSK	12	0	21.49	21.54	21.58	21.65	23
5	QPSK	12	7	21.52	21.54	21.57	21.70	
5	QPSK	12	13	21.54	21.48	21.55	21.55	
5	QPSK	25	0	21.50	21.61	21.55	21.64	
5	16QAM	1	0	21.77	21.75	21.73	21.91	23
5	16QAM	1	12	21.86	21.79	21.79	21.88	
5	16QAM	1	24	21.83	21.74	21.80	21.81	
5	16QAM	12	0	20.50	20.55	20.57	20.69	22
5	16QAM	12	7	20.62	20.47	20.52	20.70	
5	16QAM	12	13	20.45	20.45	20.51	20.61	
5	16QAM	25	0	20.45	20.45	20.47	20.62	
5	64QAM	1	0	20.88	20.81	20.81	20.95	22
5	64QAM	1	12	20.74	20.86	20.77	20.95	
5	64QAM	1	24	20.70	20.72	20.75	20.84	
5	64QAM	12	0	19.58	19.64	19.68	19.67	21
5	64QAM	12	7	19.53	19.52	19.45	19.57	
5	64QAM	12	13	19.48	19.40	19.57	19.57	
5	64QAM	25	0	19.51	19.48	19.53	19.62	
5	256QAM	1	0	17.37	17.32	17.43	17.53	19
5	256QAM	1	12	17.46	17.51	17.43	17.57	
5	256QAM	1	24	17.54	17.50	17.55	17.60	
5	256QAM	12	0	17.53	17.50	17.57	17.59	19
5	256QAM	12	7	17.54	17.60	17.53	17.74	
5	256QAM	12	13	17.60	17.67	17.69	17.68	
5	256QAM	25	0	17.60	17.61	17.59	17.81	



<LTE Band 66_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.76	24.10	23.99	25.2
20	QPSK	1	49	23.75	24.03	23.93	
20	QPSK	1	99	23.74	24.04	23.91	
20	QPSK	50	0	22.76	23.06	23.05	24.2
20	QPSK	50	24	22.81	23.03	23.05	
20	QPSK	50	50	22.86	23.15	23.14	
20	QPSK	100	0	22.82	23.03	23.01	
20	16QAM	1	0	22.99	23.21	23.34	24.2
20	16QAM	1	49	23.07	23.28	23.38	
20	16QAM	1	99	23.16	23.38	23.17	
20	16QAM	50	0	21.79	22.01	22.03	23.2
20	16QAM	50	24	21.83	22.07	22.06	
20	16QAM	50	50	21.86	22.13	22.10	
20	16QAM	100	0	21.86	22.06	22.06	
20	64QAM	1	0	22.08	22.12	22.27	23.2
20	64QAM	1	49	21.91	22.21	22.19	
20	64QAM	1	99	22.10	22.17	22.25	
20	64QAM	50	0	20.83	21.07	21.09	22.2
20	64QAM	50	24	20.90	21.06	21.06	
20	64QAM	50	50	20.91	21.11	21.14	
20	64QAM	100	0	20.86	21.11	21.07	
20	256QAM	1	0	18.84	18.94	19.19	20.2
20	256QAM	1	49	18.98	19.14	19.08	
20	256QAM	1	99	19.03	19.15	19.12	
20	256QAM	50	0	18.83	19.07	19.10	20.2
20	256QAM	50	24	18.89	19.10	19.09	
20	256QAM	50	50	18.93	19.14	19.14	
20	256QAM	100	0	18.88	19.10	19.08	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.63	24.00	23.84	25.2
15	QPSK	1	37	23.61	23.90	23.81	
15	QPSK	1	74	23.57	23.92	23.80	
15	QPSK	36	0	22.56	22.93	22.94	24.2
15	QPSK	36	20	22.63	22.86	22.85	
15	QPSK	36	39	22.67	23.05	22.95	
15	QPSK	75	0	22.66	22.84	22.83	
15	16QAM	1	0	22.80	23.04	23.18	24.2
15	16QAM	1	37	22.90	23.13	23.23	
15	16QAM	1	74	22.97	23.26	23.04	
15	16QAM	36	0	21.65	21.90	21.88	23.2
15	16QAM	36	20	21.69	21.93	21.88	
15	16QAM	36	39	21.70	21.98	21.93	
15	16QAM	75	0	21.67	21.86	21.87	
15	64QAM	1	0	21.98	22.00	22.16	23.2
15	64QAM	1	37	21.74	22.01	22.03	
15	64QAM	1	74	21.95	22.02	22.11	
15	64QAM	36	0	20.65	20.90	20.92	22.2
15	64QAM	36	20	20.77	20.89	20.95	
15	64QAM	36	39	20.73	20.92	20.97	
15	64QAM	75	0	20.73	20.96	20.97	
15	256QAM	1	0	18.72	18.81	19.05	20.2
15	256QAM	1	37	18.84	18.94	18.93	
15	256QAM	1	74	18.83	19.02	18.94	
15	256QAM	36	0	18.68	18.94	18.92	20.2
15	256QAM	36	20	18.74	18.97	18.99	



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15	256QAM	36	39	18.77	18.97	19.01	Tune-up limit (dBm)
15	256QAM	75	0	18.74	18.91	18.97	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.65	23.91	23.87	25.2
10	QPSK	1	25	23.65	23.88	23.83	
10	QPSK	1	49	23.57	23.87	23.80	
10	QPSK	25	0	22.64	22.89	22.93	24.2
10	QPSK	25	12	22.66	22.83	22.90	
10	QPSK	25	25	22.68	23.03	23.01	
10	QPSK	50	0	22.70	22.90	22.82	
10	16QAM	1	0	22.88	23.06	23.24	24.2
10	16QAM	1	25	22.87	23.10	23.22	
10	16QAM	1	49	22.96	23.28	22.99	
10	16QAM	25	0	21.64	21.90	21.92	23.2
10	16QAM	25	12	21.70	21.92	21.86	
10	16QAM	25	25	21.76	22.03	22.00	
10	16QAM	50	0	21.76	21.91	21.91	
10	64QAM	1	0	21.96	21.93	22.08	23.2
10	64QAM	1	25	21.81	22.06	21.99	
10	64QAM	1	49	21.99	22.00	22.10	
10	64QAM	25	0	20.69	20.90	20.90	22.2
10	64QAM	25	12	20.73	20.96	20.90	
10	64QAM	25	25	20.74	20.98	20.94	
10	64QAM	50	0	20.76	20.96	20.89	
10	256QAM	1	0	18.71	18.81	19.03	20.2
10	256QAM	1	25	18.84	18.98	18.91	
10	256QAM	1	49	18.89	19.05	18.94	
10	256QAM	25	0	18.64	18.97	18.90	20.2
10	256QAM	25	12	18.75	18.98	18.94	
10	256QAM	25	25	18.82	18.94	19.01	
10	256QAM	50	0	18.74	18.91	18.96	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.56	23.99	23.80	25.2
5	QPSK	1	12	23.55	23.83	23.76	
5	QPSK	1	24	23.54	23.86	23.73	
5	QPSK	12	0	22.66	22.87	22.91	24.2
5	QPSK	12	7	22.68	22.90	22.95	
5	QPSK	12	13	22.70	22.97	22.98	
5	QPSK	25	0	22.63	22.88	22.86	
5	16QAM	1	0	22.80	23.07	23.15	24.2
5	16QAM	1	12	22.97	23.11	23.27	
5	16QAM	1	24	23.00	23.20	22.97	
5	16QAM	12	0	21.69	21.90	21.87	23.2
5	16QAM	12	7	21.71	21.92	21.94	
5	16QAM	12	13	21.71	22.00	21.99	
5	16QAM	25	0	21.67	21.92	21.90	
5	64QAM	1	0	21.90	21.92	22.09	23.2
5	64QAM	1	12	21.71	22.11	22.04	
5	64QAM	1	24	21.97	22.06	22.05	
5	64QAM	12	0	20.68	20.91	20.96	22.2
5	64QAM	12	7	20.72	20.90	20.90	
5	64QAM	12	13	20.76	21.00	20.96	
5	64QAM	25	0	20.72	20.93	20.89	
5	256QAM	1	0	18.73	18.83	19.04	20.2
5	256QAM	1	12	18.80	19.00	18.98	
5	256QAM	1	24	18.90	19.01	18.99	
5	256QAM	12	0	18.73	18.90	18.97	20.2
5	256QAM	12	7	18.69	18.99	18.96	
5	256QAM	12	13	18.79	18.99	18.95	
5	256QAM	25	0	18.68	18.92	18.96	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.63	23.95	23.81	25.2
3	QPSK	1	8	23.65	23.92	23.76	
3	QPSK	1	14	23.57	23.92	23.74	
3	QPSK	8	0	22.57	22.96	22.87	24.2
3	QPSK	8	4	22.71	22.89	22.92	
3	QPSK	8	7	22.75	23.05	23.04	
3	QPSK	15	0	22.65	22.84	22.83	
3	16QAM	1	0	22.86	23.04	23.18	24.2
3	16QAM	1	8	22.92	23.13	23.19	
3	16QAM	1	14	23.02	23.26	23.07	
3	16QAM	8	0	21.60	21.83	21.91	23.2
3	16QAM	8	4	21.70	21.93	21.86	
3	16QAM	8	7	21.72	21.97	22.00	
3	16QAM	15	0	21.76	21.86	21.94	
3	64QAM	1	0	21.93	22.01	22.14	23.2
3	64QAM	1	8	21.78	22.04	22.08	
3	64QAM	1	14	21.93	21.97	22.07	
3	64QAM	8	0	20.63	20.94	20.95	22.2
3	64QAM	8	4	20.79	20.86	20.89	
3	64QAM	8	7	20.81	20.96	21.00	
3	64QAM	15	0	20.74	20.93	20.90	
3	256QAM	1	0	18.72	18.82	19.08	20.2
3	256QAM	1	8	18.82	19.00	18.90	
3	256QAM	1	14	18.91	19.01	18.92	
3	256QAM	8	0	18.63	18.89	19.00	20.2
3	256QAM	8	4	18.75	18.95	18.99	
3	256QAM	8	7	18.81	18.99	18.95	
3	256QAM	15	0	18.74	19.00	18.88	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.56	23.99	23.85	25.2
1.4	QPSK	1	3	23.62	23.86	23.79	
1.4	QPSK	1	5	23.56	23.94	23.79	
1.4	QPSK	3	0	23.41	23.87	23.72	
1.4	QPSK	3	1	23.43	23.76	23.68	
1.4	QPSK	3	3	23.45	23.74	23.64	
1.4	QPSK	6	0	22.58	22.89	22.89	24.2
1.4	16QAM	1	0	22.69	22.92	22.89	24.2
1.4	16QAM	1	3	22.70	23.00	23.00	
1.4	16QAM	1	5	22.62	22.86	22.82	
1.4	16QAM	3	0	22.80	23.02	23.23	
1.4	16QAM	3	1	22.92	23.15	23.19	
1.4	16QAM	3	3	23.06	23.19	22.97	
1.4	16QAM	6	0	21.66	21.85	21.90	23.2
1.4	64QAM	1	0	21.65	21.87	21.90	23.2
1.4	64QAM	1	3	21.69	21.97	22.00	
1.4	64QAM	1	5	21.70	21.92	21.90	
1.4	64QAM	3	0	21.90	21.98	22.16	
1.4	64QAM	3	1	21.74	22.07	22.00	
1.4	64QAM	3	3	21.94	22.00	22.15	
1.4	64QAM	6	0	20.71	20.94	20.99	22.2
1.4	256QAM	1	0	18.67	18.81	19.02	20.2
1.4	256QAM	1	3	18.79	19.03	18.93	
1.4	256QAM	1	5	18.83	18.98	19.02	
1.4	256QAM	3	0	18.70	18.92	19.00	
1.4	256QAM	3	1	18.71	18.96	18.95	
1.4	256QAM	3	3	18.78	19.04	19.01	
1.4	256QAM	6	0	18.70	18.94	18.97	20.2



<LTE Band 66_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	24.45	24.55	24.62	
20	QPSK	1	49	24.38	24.42	24.34	25.2
20	QPSK	1	99	24.43	24.50	24.44	
20	QPSK	50	0	23.22	23.29	23.19	
20	QPSK	50	24	23.24	23.24	23.21	24.2
20	QPSK	50	50	23.29	23.30	23.32	
20	QPSK	100	0	23.17	23.25	23.21	
20	16QAM	1	0	23.12	23.16	23.13	24.2
20	16QAM	1	49	23.20	23.25	23.17	
20	16QAM	1	99	23.34	23.39	23.34	
20	16QAM	50	0	22.17	22.22	22.19	23.2
20	16QAM	50	24	22.18	22.25	22.21	
20	16QAM	50	50	22.23	22.31	22.25	
20	16QAM	100	0	22.18	22.28	22.26	23.2
20	64QAM	1	0	22.19	22.23	22.18	
20	64QAM	1	49	22.28	22.28	22.25	
20	64QAM	1	99	22.36	22.40	22.39	22.2
20	64QAM	50	0	21.17	21.24	21.16	
20	64QAM	50	24	21.25	21.26	21.16	
20	64QAM	50	50	21.29	21.33	21.31	20.2
20	64QAM	100	0	21.35	21.35	21.27	
20	256QAM	1	0	18.70	18.75	18.74	
20	256QAM	1	49	18.83	18.92	18.86	20.2
20	256QAM	1	99	19.05	19.08	19.08	
20	256QAM	50	0	19.25	19.27	19.26	
20	256QAM	50	24	19.34	19.34	19.26	20.2
20	256QAM	50	50	19.26	19.36	19.34	
20	256QAM	100	0	19.27	19.31	19.24	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.27	24.38	24.51	
15	QPSK	1	37	24.24	24.23	24.23	25.2
15	QPSK	1	74	24.31	24.33	24.33	
15	QPSK	36	0	23.02	23.09	23.08	
15	QPSK	36	20	23.13	23.05	23.07	24.2
15	QPSK	36	39	23.10	23.19	23.22	
15	QPSK	75	0	23.03	23.10	23.07	
15	16QAM	1	0	22.98	23.01	23.03	24.2
15	16QAM	1	37	23.04	23.12	23.04	
15	16QAM	1	74	23.19	23.27	23.16	
15	16QAM	36	0	22.05	22.06	21.99	23.2
15	16QAM	36	20	22.04	22.11	22.02	
15	16QAM	36	39	22.03	22.21	22.08	
15	16QAM	75	0	21.99	22.16	22.14	23.2
15	64QAM	1	0	22.03	22.12	22.01	
15	64QAM	1	37	22.08	22.11	22.09	
15	64QAM	1	74	22.24	22.30	22.28	22.2
15	64QAM	36	0	20.99	21.05	20.97	
15	64QAM	36	20	21.14	21.07	21.04	
15	64QAM	36	39	21.14	21.18	21.13	20.2
15	64QAM	75	0	21.24	21.18	21.11	
15	256QAM	1	0	18.57	18.64	18.57	
15	256QAM	1	37	18.68	18.79	18.69	20.2
15	256QAM	1	74	18.90	18.95	18.96	
15	256QAM	36	0	19.14	19.07	19.09	
15	256QAM	36	20	19.22	19.18	19.13	20.2



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15	256QAM	36	39	19.13	19.25	19.17	Tune-up limit (dBm)
15	256QAM	75	0	19.13	19.21	19.10	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.29	24.42	24.49	25.2
10	QPSK	1	25	24.28	24.25	24.17	
10	QPSK	1	49	24.30	24.39	24.30	
10	QPSK	25	0	23.05	23.09	23.00	24.2
10	QPSK	25	12	23.06	23.07	23.09	
10	QPSK	25	25	23.10	23.15	23.20	
10	QPSK	50	0	23.02	23.12	23.11	
10	16QAM	1	0	22.92	23.02	22.95	24.2
10	16QAM	1	25	23.02	23.11	23.00	
10	16QAM	1	49	23.14	23.27	23.17	
10	16QAM	25	0	22.02	22.06	22.04	23.2
10	16QAM	25	12	22.02	22.06	22.07	
10	16QAM	25	25	22.05	22.19	22.13	
10	16QAM	50	0	22.00	22.14	22.14	
10	64QAM	1	0	22.05	22.13	22.01	23.2
10	64QAM	1	25	22.15	22.12	22.10	
10	64QAM	1	49	22.20	22.20	22.23	
10	64QAM	25	0	21.04	21.04	21.01	22.2
10	64QAM	25	12	21.13	21.13	20.98	
10	64QAM	25	25	21.16	21.14	21.11	
10	64QAM	50	0	21.21	21.19	21.17	
10	256QAM	1	0	18.58	18.58	18.63	20.2
10	256QAM	1	25	18.71	18.78	18.71	
10	256QAM	1	49	18.90	18.94	18.97	
10	256QAM	25	0	19.12	19.16	19.11	20.2
10	256QAM	25	12	19.18	19.24	19.10	
10	256QAM	25	25	19.12	19.22	19.21	
10	256QAM	50	0	19.09	19.18	19.06	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.26	24.44	24.52	25.2
5	QPSK	1	12	24.25	24.24	24.18	
5	QPSK	1	24	24.26	24.38	24.34	
5	QPSK	12	0	23.09	23.15	23.00	24.2
5	QPSK	12	7	23.08	23.13	23.03	
5	QPSK	12	13	23.14	23.11	23.13	
5	QPSK	25	0	23.07	23.10	23.05	
5	16QAM	1	0	22.95	22.99	22.96	24.2
5	16QAM	1	12	23.04	23.14	23.02	
5	16QAM	1	24	23.19	23.25	23.17	
5	16QAM	12	0	22.02	22.04	22.03	23.2
5	16QAM	12	7	22.06	22.08	22.09	
5	16QAM	12	13	22.06	22.18	22.11	
5	16QAM	25	0	22.06	22.14	22.10	
5	64QAM	1	0	22.06	22.03	22.06	23.2
5	64QAM	1	12	22.11	22.08	22.15	
5	64QAM	1	24	22.25	22.22	22.29	
5	64QAM	12	0	21.03	21.10	21.02	22.2
5	64QAM	12	7	21.06	21.07	21.01	
5	64QAM	12	13	21.11	21.19	21.19	
5	64QAM	25	0	21.15	21.22	21.12	
5	256QAM	1	0	18.50	18.59	18.61	20.2
5	256QAM	1	12	18.68	18.81	18.76	
5	256QAM	1	24	18.89	18.88	18.96	
5	256QAM	12	0	19.15	19.15	19.06	20.2
5	256QAM	12	7	19.18	19.24	19.06	
5	256QAM	12	13	19.11	19.17	19.18	
5	256QAM	25	0	19.14	19.14	19.06	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	24.26	24.43	24.43	25.2
3	QPSK	1	8	24.27	24.28	24.16	
3	QPSK	1	14	24.31	24.32	24.29	
3	QPSK	8	0	23.06	23.12	23.04	24.2
3	QPSK	8	4	23.13	23.12	23.05	
3	QPSK	8	7	23.18	23.19	23.19	
3	QPSK	15	0	22.97	23.15	23.03	
3	16QAM	1	0	22.95	22.98	22.93	24.2
3	16QAM	1	8	23.05	23.12	22.97	
3	16QAM	1	14	23.18	23.21	23.16	
3	16QAM	8	0	22.04	22.11	22.08	23.2
3	16QAM	8	4	21.99	22.05	22.10	
3	16QAM	8	7	22.09	22.20	22.15	
3	16QAM	15	0	22.04	22.18	22.11	
3	64QAM	1	0	22.08	22.10	22.05	23.2
3	64QAM	1	8	22.15	22.11	22.06	
3	64QAM	1	14	22.24	22.22	22.19	
3	64QAM	8	0	21.00	21.13	20.96	22.2
3	64QAM	8	4	21.09	21.15	21.01	
3	64QAM	8	7	21.09	21.20	21.15	
3	64QAM	15	0	21.21	21.20	21.10	
3	256QAM	1	0	18.58	18.65	18.57	20.2
3	256QAM	1	8	18.69	18.76	18.75	
3	256QAM	1	14	18.95	18.97	18.93	
3	256QAM	8	0	19.10	19.09	19.14	20.2
3	256QAM	8	4	19.24	19.21	19.16	
3	256QAM	8	7	19.11	19.24	19.23	
3	256QAM	15	0	19.16	19.15	19.05	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.32	24.40	24.47	25.2
1.4	QPSK	1	3	24.24	24.22	24.20	
1.4	QPSK	1	5	24.33	24.30	24.27	
1.4	QPSK	3	0	24.19	24.29	24.30	
1.4	QPSK	3	1	24.09	24.06	24.09	
1.4	QPSK	3	3	24.16	24.14	24.12	
1.4	QPSK	6	0	23.09	23.12	23.09	24.2
1.4	16QAM	1	0	23.11	23.06	23.08	24.2
1.4	16QAM	1	3	23.16	23.12	23.22	
1.4	16QAM	1	5	22.97	23.09	23.03	
1.4	16QAM	3	0	23.02	23.01	23.00	
1.4	16QAM	3	1	23.07	23.13	23.03	
1.4	16QAM	3	3	23.16	23.22	23.24	23.2
1.4	16QAM	6	0	21.99	22.03	22.02	
1.4	64QAM	1	0	22.05	22.14	22.06	23.2
1.4	64QAM	1	3	22.05	22.19	22.05	
1.4	64QAM	1	5	22.04	22.17	22.11	
1.4	64QAM	3	0	22.08	22.13	22.01	
1.4	64QAM	3	1	22.17	22.08	22.10	
1.4	64QAM	3	3	22.25	22.29	22.23	
1.4	64QAM	6	0	21.02	21.06	21.04	22.2
1.4	256QAM	1	0	18.52	18.55	18.55	20.2
1.4	256QAM	1	3	18.63	18.72	18.76	
1.4	256QAM	1	5	18.95	18.95	18.92	
1.4	256QAM	3	0	19.09	19.11	19.13	
1.4	256QAM	3	1	19.15	19.17	19.10	
1.4	256QAM	3	3	19.15	19.19	19.18	20.2
1.4	256QAM	6	0	19.07	19.12	19.06	

**<LTE Band 66_Ant 1_DSI 2 (Wlan On)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.76	24.10	23.99	24.7
20	QPSK	1	49	23.75	24.03	23.93	
20	QPSK	1	99	23.74	24.04	23.91	
20	QPSK	50	0	22.76	23.06	23.05	23.7
20	QPSK	50	24	22.81	23.03	23.05	
20	QPSK	50	50	22.86	23.15	23.14	
20	QPSK	100	0	22.82	23.03	23.01	
20	16QAM	1	0	22.99	23.21	23.34	23.7
20	16QAM	1	49	23.07	23.28	23.38	
20	16QAM	1	99	23.16	23.38	23.17	
20	16QAM	50	0	21.79	22.01	22.03	22.7
20	16QAM	50	24	21.83	22.07	22.06	
20	16QAM	50	50	21.86	22.13	22.10	
20	16QAM	100	0	21.86	22.06	22.06	
20	64QAM	1	0	22.08	22.12	22.27	22.7
20	64QAM	1	49	21.91	22.21	22.19	
20	64QAM	1	99	22.10	22.17	22.25	
20	64QAM	50	0	20.83	21.07	21.09	21.7
20	64QAM	50	24	20.90	21.06	21.06	
20	64QAM	50	50	20.91	21.11	21.14	
20	64QAM	100	0	20.86	21.11	21.07	
20	256QAM	1	0	18.84	18.94	19.19	19.7
20	256QAM	1	49	18.98	19.14	19.08	
20	256QAM	1	99	19.03	19.15	19.12	
20	256QAM	50	0	18.83	19.07	19.10	19.7
20	256QAM	50	24	18.89	19.10	19.09	
20	256QAM	50	50	18.93	19.14	19.14	
20	256QAM	100	0	18.88	19.10	19.08	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.57	23.93	23.82	24.7
15	QPSK	1	37	23.57	23.89	23.76	
15	QPSK	1	74	23.54	23.90	23.71	
15	QPSK	36	0	22.65	22.93	22.85	23.7
15	QPSK	36	20	22.68	22.86	22.88	
15	QPSK	36	39	22.70	23.04	23.02	
15	QPSK	75	0	22.67	22.86	22.81	
15	16QAM	1	0	22.87	23.01	23.22	23.7
15	16QAM	1	37	22.88	23.08	23.28	
15	16QAM	1	74	23.04	23.22	22.98	
15	16QAM	36	0	21.66	21.90	21.87	22.7
15	16QAM	36	20	21.72	21.90	21.93	
15	16QAM	36	39	21.66	22.02	21.96	
15	16QAM	75	0	21.66	21.88	21.89	
15	64QAM	1	0	21.95	21.94	22.12	22.7
15	64QAM	1	37	21.81	22.01	22.02	
15	64QAM	1	74	21.99	22.04	22.14	
15	64QAM	36	0	20.71	20.91	20.89	21.7
15	64QAM	36	20	20.80	20.86	20.95	
15	64QAM	36	39	20.75	20.92	20.98	
15	64QAM	75	0	20.67	20.99	20.89	
15	256QAM	1	0	18.69	18.75	19.03	19.7
15	256QAM	1	37	18.84	18.98	18.90	
15	256QAM	1	74	18.84	18.97	18.93	
15	256QAM	36	0	18.73	18.96	18.91	19.7
15	256QAM	36	20	18.79	18.98	18.95	



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15	256QAM	36	39	18.83	18.95	19.01	Tune-up limit (dBm)
15	256QAM	75	0	18.76	18.95	18.92	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.60	23.92	23.88	24.7
10	QPSK	1	25	23.60	23.87	23.76	
10	QPSK	1	49	23.57	23.84	23.79	
10	QPSK	25	0	22.57	22.87	22.88	23.7
10	QPSK	25	12	22.62	22.93	22.94	
10	QPSK	25	25	22.66	23.02	23.04	
10	QPSK	50	0	22.72	22.92	22.86	
10	16QAM	1	0	22.79	23.06	23.19	23.7
10	16QAM	1	25	22.94	23.10	23.24	
10	16QAM	1	49	23.01	23.27	23.02	
10	16QAM	25	0	21.59	21.86	21.89	22.7
10	16QAM	25	12	21.73	21.96	21.93	
10	16QAM	25	25	21.74	21.93	21.96	
10	16QAM	50	0	21.73	21.96	21.87	
10	64QAM	1	0	21.93	21.99	22.10	22.7
10	64QAM	1	25	21.78	22.07	22.09	
10	64QAM	1	49	21.92	22.03	22.09	
10	64QAM	25	0	20.64	20.91	20.92	21.7
10	64QAM	25	12	20.70	20.90	20.87	
10	64QAM	25	25	20.75	20.93	20.99	
10	64QAM	50	0	20.70	20.91	20.95	
10	256QAM	1	0	18.73	18.83	18.99	19.7
10	256QAM	1	25	18.85	19.01	18.95	
10	256QAM	1	49	18.85	18.95	19.00	
10	256QAM	25	0	18.71	18.96	18.99	19.7
10	256QAM	25	12	18.73	18.94	18.91	
10	256QAM	25	25	18.79	19.04	18.94	
10	256QAM	50	0	18.73	18.97	18.92	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.66	23.90	23.88	24.7
5	QPSK	1	12	23.62	23.83	23.78	
5	QPSK	1	24	23.56	23.87	23.80	
5	QPSK	12	0	22.58	22.90	22.94	23.7
5	QPSK	12	7	22.65	22.93	22.92	
5	QPSK	12	13	22.68	23.02	22.97	
5	QPSK	25	0	22.72	22.83	22.88	
5	16QAM	1	0	22.86	23.05	23.23	23.7
5	16QAM	1	12	22.96	23.16	23.27	
5	16QAM	1	24	22.97	23.24	23.05	
5	16QAM	12	0	21.63	21.88	21.88	22.7
5	16QAM	12	7	21.72	21.90	21.92	
5	16QAM	12	13	21.66	21.99	21.97	
5	16QAM	25	0	21.66	21.91	21.92	
5	64QAM	1	0	21.97	21.98	22.11	22.7
5	64QAM	1	12	21.74	22.01	22.09	
5	64QAM	1	24	21.94	22.07	22.08	
5	64QAM	12	0	20.64	20.95	20.93	21.7
5	64QAM	12	7	20.75	20.93	20.93	
5	64QAM	12	13	20.73	20.94	21.04	
5	64QAM	25	0	20.69	20.92	20.93	
5	256QAM	1	0	18.72	18.74	19.02	19.7
5	256QAM	1	12	18.80	18.98	18.93	
5	256QAM	1	24	18.90	19.03	18.97	
5	256QAM	12	0	18.72	18.97	18.91	19.7
5	256QAM	12	7	18.78	18.92	18.97	
5	256QAM	12	13	18.75	19.02	19.01	
5	256QAM	25	0	18.76	18.96	18.89	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	23.57	23.94	23.81	24.7
3	QPSK	1	8	23.60	23.92	23.77	
3	QPSK	1	14	23.62	23.88	23.73	
3	QPSK	8	0	22.56	22.90	22.87	23.7
3	QPSK	8	4	22.66	22.84	22.86	
3	QPSK	8	7	22.68	23.01	23.02	
3	QPSK	15	0	22.66	22.88	22.81	23.7
3	16QAM	1	0	22.89	23.07	23.19	
3	16QAM	1	8	22.89	23.09	23.18	
3	16QAM	1	14	23.06	23.28	23.01	22.7
3	16QAM	8	0	21.69	21.84	21.92	
3	16QAM	8	4	21.67	21.94	21.93	
3	16QAM	8	7	21.75	21.93	21.95	22.7
3	16QAM	15	0	21.71	21.87	21.86	
3	64QAM	1	0	21.95	21.93	22.13	
3	64QAM	1	8	21.72	22.11	22.09	21.7
3	64QAM	1	14	22.00	22.01	22.11	
3	64QAM	8	0	20.70	20.97	20.94	
3	64QAM	8	4	20.78	20.86	20.89	19.7
3	64QAM	8	7	20.80	20.94	21.03	
3	64QAM	15	0	20.70	21.00	20.96	
3	256QAM	1	0	18.66	18.74	19.02	19.7
3	256QAM	1	8	18.84	18.98	18.89	
3	256QAM	1	14	18.86	19.05	18.92	
3	256QAM	8	0	18.64	18.88	18.97	19.7
3	256QAM	8	4	18.77	18.98	18.98	
3	256QAM	8	7	18.76	19.01	19.01	
3	256QAM	15	0	18.72	18.98	18.96	Tune-up limit (dBm)
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	24.7
1.4	QPSK	1	0	23.62	23.94	23.81	
1.4	QPSK	1	3	23.55	23.88	23.83	
1.4	QPSK	1	5	23.56	23.86	23.79	23.7
1.4	QPSK	3	0	23.51	23.75	23.69	
1.4	QPSK	3	1	23.41	23.72	23.68	
1.4	QPSK	3	3	23.43	23.70	23.60	23.7
1.4	QPSK	6	0	22.65	22.96	22.90	
1.4	16QAM	1	0	22.67	22.93	22.85	
1.4	16QAM	1	3	22.75	23.02	23.00	22.7
1.4	16QAM	1	5	22.68	22.90	22.82	
1.4	16QAM	3	0	22.83	23.01	23.15	
1.4	16QAM	3	1	22.95	23.13	23.26	22.7
1.4	16QAM	3	3	23.03	23.28	23.05	
1.4	16QAM	6	0	21.67	21.81	21.93	
1.4	64QAM	1	0	21.66	21.88	21.92	21.7
1.4	64QAM	1	3	21.67	21.95	21.90	
1.4	64QAM	1	5	21.70	21.94	21.88	
1.4	64QAM	3	0	21.91	22.00	22.12	19.7
1.4	64QAM	3	1	21.79	22.08	22.00	
1.4	64QAM	3	3	21.97	22.02	22.06	
1.4	64QAM	6	0	20.71	20.94	20.93	19.7
1.4	256QAM	1	0	18.67	18.76	19.09	
1.4	256QAM	1	3	18.82	18.97	18.88	
1.4	256QAM	1	5	18.89	19.02	18.93	19.7
1.4	256QAM	3	0	18.64	18.94	18.98	
1.4	256QAM	3	1	18.76	18.99	18.94	
1.4	256QAM	3	3	18.82	19.04	18.95	19.7
1.4	256QAM	6	0	18.76	18.98	18.92	

**<LTE Band 71_Ant 1_DSI 2 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.54	23.65	23.64	
20	QPSK	1	49	23.48	23.60	23.62	25.2
20	QPSK	1	99	23.50	23.56	23.58	
20	QPSK	50	0	22.53	22.63	22.66	
20	QPSK	50	24	22.58	22.58	22.67	24.2
20	QPSK	50	50	22.60	22.69	22.68	
20	QPSK	100	0	22.57	22.65	22.64	
20	16QAM	1	0	22.76	22.92	22.89	24.2
20	16QAM	1	49	22.72	23.00	22.93	
20	16QAM	1	99	22.82	22.93	22.93	
20	16QAM	50	0	21.50	21.58	21.60	23.2
20	16QAM	50	24	21.58	21.69	21.66	
20	16QAM	50	50	21.58	21.69	21.75	
20	16QAM	100	0	21.59	21.67	21.70	23.2
20	64QAM	1	0	21.75	21.65	21.81	
20	64QAM	1	49	21.58	21.82	21.91	
20	64QAM	1	99	21.61	21.85	21.73	22.2
20	64QAM	50	0	20.50	20.59	20.64	
20	64QAM	50	24	20.58	20.66	20.65	
20	64QAM	50	50	20.55	20.70	20.74	20.2
20	64QAM	100	0	20.57	20.61	20.74	
20	256QAM	1	0	18.64	18.67	18.75	
20	256QAM	1	49	18.60	18.68	18.82	20.2
20	256QAM	1	99	18.75	18.87	18.89	
20	256QAM	50	0	18.55	18.67	18.72	
20	256QAM	50	24	18.56	18.70	18.75	20.2
20	256QAM	50	50	18.61	18.75	18.78	
20	256QAM	100	0	18.66	18.69	18.77	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.38	23.46	23.54	
15	QPSK	1	37	23.37	23.45	23.47	25.2
15	QPSK	1	74	23.34	23.39	23.43	
15	QPSK	36	0	22.33	22.50	22.51	
15	QPSK	36	20	22.44	22.46	22.55	24.2
15	QPSK	36	39	22.45	22.51	22.49	
15	QPSK	75	0	22.37	22.54	22.54	
15	16QAM	1	0	22.65	22.75	22.71	24.2
15	16QAM	1	37	22.57	22.89	22.76	
15	16QAM	1	74	22.69	22.76	22.77	
15	16QAM	36	0	21.40	21.46	21.46	23.2
15	16QAM	36	20	21.48	21.52	21.55	
15	16QAM	36	39	21.46	21.59	21.62	
15	16QAM	75	0	21.44	21.55	21.53	23.2
15	64QAM	1	0	21.57	21.51	21.69	
15	64QAM	1	37	21.45	21.72	21.79	
15	64QAM	1	74	21.51	21.69	21.55	22.2
15	64QAM	36	0	20.32	20.49	20.46	
15	64QAM	36	20	20.41	20.53	20.45	
15	64QAM	36	39	20.42	20.50	20.55	20.2
15	64QAM	75	0	20.38	20.48	20.63	
15	256QAM	1	0	18.50	18.47	18.59	
15	256QAM	1	37	18.40	18.54	18.62	20.2
15	256QAM	1	74	18.55	18.76	18.71	
15	256QAM	36	0	18.36	18.53	18.53	
15	256QAM	36	20	18.37	18.56	18.60	20.2
15	256QAM	36	39	18.43	18.65	18.61	
15	256QAM	75	0	18.49	18.55	18.64	



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Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.40	23.54	23.47	25.2
10	QPSK	1	25	23.36	23.49	23.49	
10	QPSK	1	49	23.32	23.37	23.46	
10	QPSK	25	0	22.35	22.44	22.49	24.2
10	QPSK	25	12	22.48	22.45	22.54	
10	QPSK	25	25	22.45	22.52	22.57	
10	QPSK	50	0	22.43	22.53	22.50	24.2
10	16QAM	1	0	22.63	22.72	22.77	
10	16QAM	1	25	22.55	22.90	22.74	
10	16QAM	1	49	22.67	22.76	22.80	23.2
10	16QAM	25	0	21.35	21.42	21.40	
10	16QAM	25	12	21.45	21.53	21.49	
10	16QAM	25	25	21.40	21.51	21.65	23.2
10	16QAM	50	0	21.49	21.53	21.52	
10	64QAM	1	0	21.55	21.47	21.62	
10	64QAM	1	25	21.42	21.72	21.76	23.2
10	64QAM	1	49	21.42	21.74	21.55	
10	64QAM	25	0	20.36	20.42	20.49	
10	64QAM	25	12	20.40	20.55	20.48	22.2
10	64QAM	25	25	20.42	20.60	20.59	
10	64QAM	50	0	20.47	20.48	20.59	
10	256QAM	1	0	18.53	18.53	18.64	20.2
10	256QAM	1	25	18.47	18.57	18.66	
10	256QAM	1	49	18.62	18.72	18.77	
10	256QAM	25	0	18.38	18.52	18.62	20.2
10	256QAM	25	12	18.40	18.51	18.59	
10	256QAM	25	25	18.51	18.61	18.66	
10	256QAM	50	0	18.46	18.52	18.61	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.35	23.48	23.49	25.2
5	QPSK	1	12	23.35	23.50	23.50	
5	QPSK	1	24	23.31	23.46	23.48	
5	QPSK	12	0	22.43	22.52	22.56	24.2
5	QPSK	12	7	22.46	22.40	22.52	
5	QPSK	12	13	22.48	22.56	22.50	
5	QPSK	25	0	22.38	22.45	22.45	24.2
5	16QAM	1	0	22.64	22.80	22.73	
5	16QAM	1	12	22.52	22.89	22.78	
5	16QAM	1	24	22.66	22.73	22.73	23.2
5	16QAM	12	0	21.34	21.40	21.49	
5	16QAM	12	7	21.48	21.54	21.51	
5	16QAM	12	13	21.44	21.56	21.58	23.2
5	16QAM	25	0	21.40	21.50	21.53	
5	64QAM	1	0	21.64	21.47	21.64	
5	64QAM	1	12	21.42	21.67	21.78	23.2
5	64QAM	1	24	21.48	21.72	21.57	
5	64QAM	12	0	20.36	20.44	20.46	
5	64QAM	12	7	20.48	20.48	20.47	22.2
5	64QAM	12	13	20.44	20.56	20.62	
5	64QAM	25	0	20.37	20.46	20.57	
5	256QAM	1	0	18.49	18.49	18.55	20.2
5	256QAM	1	12	18.41	18.49	18.63	
5	256QAM	1	24	18.62	18.73	18.74	
5	256QAM	12	0	18.35	18.48	18.58	20.2
5	256QAM	12	7	18.36	18.52	18.63	
5	256QAM	12	13	18.41	18.64	18.64	
5	256QAM	25	0	18.55	18.52	18.60	



<FR1 n2_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.75	24.87	24.88	25.2
20	PI/2 BPSK	1	53	24.45	24.64	24.47	
20	PI/2 BPSK	1	104	24.67	24.81	24.70	
20	PI/2 BPSK	50	0	23.86	24.05	23.89	24.7
20	PI/2 BPSK	50	28	24.33	24.52	24.32	25.2
20	PI/2 BPSK	50	56	23.99	24.11	24.01	24.7
20	PI/2 BPSK	100	0	23.95	24.13	23.95	
20	QPSK	1	1	24.53	24.69	24.58	25.2
20	QPSK	1	53	24.58	24.70	24.55	
20	QPSK	1	104	24.65	24.83	24.72	
20	QPSK	50	0	23.46	23.57	23.40	24.2
20	QPSK	50	28	24.37	24.54	24.39	25.2
20	QPSK	50	56	23.38	23.58	23.40	24.2
20	QPSK	100	0	23.43	23.63	23.50	
20	16QAM	1	1	23.69	23.84	23.70	24.2
20	64QAM	1	1	22.17	22.34	22.21	22.7
20	256QAM	1	1	20.15	20.31	20.20	20.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.26	24.52	24.34	25.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.29	24.47	24.29	25.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.29	24.48	24.32	25.2



<FR1 n2_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.77	25.06	24.76	25.2
20	PI/2 BPSK	1	53	24.37	24.54	24.43	
20	PI/2 BPSK	1	104	24.57	24.75	24.56	
20	PI/2 BPSK	50	0	23.89	24.04	23.91	24.7
20	PI/2 BPSK	50	28	24.25	24.41	24.25	25.2
20	PI/2 BPSK	50	56	23.89	23.99	23.82	24.7
20	PI/2 BPSK	100	0	23.97	24.07	23.97	
20	QPSK	1	1	24.82	25.00	24.89	25.2
20	QPSK	1	53	24.65	24.77	24.67	
20	QPSK	1	104	24.75	24.88	24.70	
20	QPSK	50	0	23.41	23.61	23.43	24.2
20	QPSK	50	28	24.32	24.47	24.30	25.2
20	QPSK	50	56	23.30	23.44	23.34	24.2
20	QPSK	100	0	23.35	23.49	23.39	
20	16QAM	1	1	23.78	23.97	23.84	24.2
20	64QAM	1	1	22.32	22.51	22.37	22.7
20	256QAM	1	1	20.46	20.62	20.42	20.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.66	24.92	24.60	25.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.64	24.95	24.65	25.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.60	24.90	24.57	25.2



<FR1 n5_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.84	24.88	24.79	
20	PI/2 BPSK	1	53	24.62	24.82	24.72	25.2
20	PI/2 BPSK	1	104	24.46	24.60	24.40	
20	PI/2 BPSK	50	0	24.10	24.29	24.12	
20	PI/2 BPSK	50	28	24.71	24.81	24.69	24.7
20	PI/2 BPSK	50	56	24.04	24.14	24.01	25.2
20	PI/2 BPSK	100	0	24.11	24.27	24.09	
20	QPSK	1	1	24.59	24.76	24.62	
20	QPSK	1	53	24.61	24.79	24.63	25.2
20	QPSK	1	104	24.39	24.59	24.45	
20	QPSK	50	0	23.59	23.79	23.69	
20	QPSK	50	28	24.68	24.86	24.76	24.2
20	QPSK	50	56	23.50	23.69	23.57	25.2
20	QPSK	100	0	23.63	23.75	23.63	
20	16QAM	1	1	23.86	24.00	23.84	
20	64QAM	1	1	22.46	22.57	22.43	24.2
20	256QAM	1	1	20.38	20.58	20.44	22.7
Channel				166300	167300	168300	20.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.69	24.69	24.63	
Channel				165800	167300	168800	25.2
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.71	24.74	24.66	
Channel				165300	167300	169300	25.2
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.68	24.75	24.68	



<FR1 n7_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.04	24.19	24.01	
40	PI/2 BPSK	1	108	23.79	23.96	23.81	25.2
40	PI/2 BPSK	1	214	23.64	23.80	23.60	
40	PI/2 BPSK	108	0	23.29	23.49	23.37	
40	PI/2 BPSK	108	54	23.87	24.01	23.85	24.7
40	PI/2 BPSK	108	108	23.29	23.48	23.28	25.2
40	PI/2 BPSK	216	0	23.30	23.49	23.37	24.7
40	QPSK	1	1	24.00	24.15	24.01	
40	QPSK	1	108	23.92	24.07	23.95	
40	QPSK	1	214	23.67	23.83	23.70	25.2
40	QPSK	108	0	22.80	22.98	22.83	
40	QPSK	108	54	23.95	24.05	23.89	
40	QPSK	108	108	22.76	22.96	22.81	24.2
40	QPSK	216	0	22.82	22.98	22.83	
40	16QAM	1	1	22.97	23.14	23.04	
40	64QAM	1	1	21.65	21.78	21.60	24.2
40	256QAM	1	1	19.53	19.66	19.52	22.7
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.94	24.07	23.84	
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.89	23.99	23.83	
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.86	24.07	23.91	
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.89	24.03	23.85	
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.87	24.06	23.88	
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.87	24.04	23.82	

<FR1 n12_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.85	24.76	24.80	
15	PI/2 BPSK	1	40	24.58	24.72	24.55	25.2
15	PI/2 BPSK	1	77	24.30	24.50	24.33	
15	PI/2 BPSK	36	0	23.97	24.08	23.93	
15	PI/2 BPSK	36	22	24.33	24.52	24.41	25.2
15	PI/2 BPSK	36	43	23.89	24.01	23.81	24.7
15	PI/2 BPSK	75	0	23.96	24.08	23.92	
15	QPSK	1	1	24.50	24.66	24.53	
15	QPSK	1	40	24.55	24.68	24.53	25.2
15	QPSK	1	77	24.32	24.47	24.34	
15	QPSK	36	0	23.43	23.59	23.42	
15	QPSK	36	22	24.40	24.51	24.31	25.2
15	QPSK	36	43	23.30	23.50	23.39	24.2
15	QPSK	75	0	23.44	23.62	23.43	
15	16QAM	1	1	23.72	23.83	23.72	
15	64QAM	1	1	22.19	22.32	22.12	22.7
15	256QAM	1	1	20.23	20.35	20.21	20.7
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.74	24.63	24.64	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.74	24.59	24.65	

<FR1 n13_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.66		
10	PI/2 BPSK	1	26		24.55		25.2
10	PI/2 BPSK	1	50		24.62		
10	PI/2 BPSK	25	0		23.97		
10	PI/2 BPSK	25	14		24.50		24.7
10	PI/2 BPSK	25	27		23.95		25.2
10	PI/2 BPSK	50	0		24.04		
10	QPSK	1	1		24.50		
10	QPSK	1	26		24.53		25.2
10	QPSK	1	50		24.60		
10	QPSK	25	0		23.48		
10	QPSK	25	14		24.45		24.2
10	QPSK	25	27		23.47		25.2
10	QPSK	50	0		23.55		
10	16QAM	1	1		23.61		
10	64QAM	1	1		22.08		22.7
10	256QAM	1	1		20.10		20.7
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	24.43	24.45	24.32	



<FR1 n14_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.16		25.2
10	PI/2 BPSK	1	26		24.12		
10	PI/2 BPSK	1	50		24.06		
10	PI/2 BPSK	25	0		23.48		24.7
10	PI/2 BPSK	25	14		24.09		25.2
10	PI/2 BPSK	25	27		23.50		24.7
10	PI/2 BPSK	50	0		23.59		
10	QPSK	1	1		24.11		25.2
10	QPSK	1	26		24.10		
10	QPSK	1	50		24.08		
10	QPSK	25	0		23.14		24.2
10	QPSK	25	14		24.04		25.2
10	QPSK	25	27		23.03		24.2
10	QPSK	50	0		23.05		
10	16QAM	1	1		23.17		24.2
10	64QAM	1	1		21.74		22.7
10	256QAM	1	1		19.60		20.7
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.03	24.12	23.98	25.2



<FR1 n25_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	25.2
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.70	24.90	24.72	
40	PI/2 BPSK	1	108	24.56	24.70	24.53	24.7
40	PI/2 BPSK	1	214	24.68	24.84	24.64	
40	PI/2 BPSK	108	0	24.01	24.15	23.96	
40	PI/2 BPSK	108	54	24.57	24.67	24.57	24.7
40	PI/2 BPSK	108	108	24.09	24.27	24.13	
40	PI/2 BPSK	216	0	24.08	24.19	24.09	
40	QPSK	1	1	24.36	24.52	24.38	25.2
40	QPSK	1	108	24.52	24.71	24.54	
40	QPSK	1	214	24.72	24.83	24.73	
40	QPSK	108	0	23.54	23.65	23.45	24.2
40	QPSK	108	54	24.52	24.69	24.50	
40	QPSK	108	108	23.57	23.74	23.63	
40	QPSK	216	0	23.57	23.68	23.55	22.7
40	16QAM	1	1	23.47	23.62	23.51	
40	64QAM	1	1	22.00	22.15	22.03	
40	256QAM	1	1	20.01	20.20	20.09	20.7
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.42	24.55	24.40	25.2
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.36	24.51	24.42	25.2
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.46	24.51	24.39	25.2
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.37	24.58	24.38	25.2
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.39	24.50	24.36	25.2
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.41	24.60	24.39	25.2



<FR1 n25_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	25.2
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.31	24.33	24.24	
40	PI/2 BPSK	1	108	24.14	24.28	24.16	24.7
40	PI/2 BPSK	1	214	24.08	24.27	24.09	
40	PI/2 BPSK	108	0	23.52	23.71	23.52	
40	PI/2 BPSK	108	54	23.99	24.12	24.00	24.7
40	PI/2 BPSK	108	108	23.49	23.68	23.58	
40	PI/2 BPSK	216	0	23.54	23.67	23.54	
40	QPSK	1	1	24.08	24.23	24.10	25.2
40	QPSK	1	108	24.08	24.24	24.14	
40	QPSK	1	214	24.10	24.23	24.09	
40	QPSK	108	0	23.08	23.21	23.02	25.2
40	QPSK	108	54	23.96	24.11	24.01	
40	QPSK	108	108	23.08	23.21	23.03	
40	QPSK	216	0	23.14	23.27	23.09	24.2
40	16QAM	1	1	23.24	23.42	23.25	
40	64QAM	1	1	21.74	21.86	21.69	
40	256QAM	1	1	19.65	19.84	19.64	20.7
Channel				373000	376500	380000	25.2
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.18	24.13	24.11	
Channel				372500	376500	380500	25.2
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.11	24.20	24.07	
Channel				372000	376500	381000	25.2
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.14	24.13	24.14	
Channel				371500	376500	381500	25.2
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.99	24.15	24.03	
Channel				371000	376500	382000	25.2
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.96	24.08	24.06	
Channel				370500	376500	382500	25.2
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.95	24.17	23.98	

<FR1 n26_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.79	24.81	24.80	
20	PI/2 BPSK	1	53	24.64	24.74	24.64	25.2
20	PI/2 BPSK	1	104	24.42	24.60	24.43	
20	PI/2 BPSK	50	0	24.15	24.26	24.07	
20	PI/2 BPSK	50	28	24.59	24.70	24.58	24.7
20	PI/2 BPSK	50	56	23.97	24.11	23.94	25.2
20	PI/2 BPSK	100	0	24.00	24.20	24.08	24.7
20	QPSK	1	1	24.53	24.70	24.55	
20	QPSK	1	53	24.53	24.73	24.57	
20	QPSK	1	104	24.46	24.58	24.44	25.2
20	QPSK	50	0	23.62	23.75	23.62	
20	QPSK	50	28	24.50	24.69	24.58	
20	QPSK	50	56	23.52	23.68	23.55	24.2
20	QPSK	100	0	23.55	23.71	23.51	
20	16QAM	1	1	23.62	23.82	23.62	
20	64QAM	1	1	22.16	22.35	22.19	24.2
20	256QAM	1	1	20.22	20.35	20.22	22.7
Channel				164300	166300	168300	20.7
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.54	24.62	24.46	
Channel				163800	166300	168800	25.2
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.47	24.56	24.51	
Channel				163300	166300	169300	25.2
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.52	24.64	24.49	

<FR1 n30_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		24.67		
10	PI/2 BPSK	1	26		24.65		25.2
10	PI/2 BPSK	1	50		24.66		
10	PI/2 BPSK	25	0		24.09		
10	PI/2 BPSK	25	14		24.49		24.7
10	PI/2 BPSK	25	27		24.03		25.2
10	PI/2 BPSK	50	0		24.01		24.7
10	QPSK	1	1		24.63		
10	QPSK	1	26		24.64		
10	QPSK	1	50		24.63		25.2
10	QPSK	25	0		23.58		
10	QPSK	25	14		24.44		
10	QPSK	25	27		23.51		24.2
10	QPSK	50	0		23.49		
10	16QAM	1	1		23.73		
10	64QAM	1	1		22.35		24.2
10	256QAM	1	1		20.14		22.7
Channel				461500	462000	462500	20.7
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.48	24.55	24.41	



<FR1 n38_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.46	23.66	23.51	
40	PI/2 BPSK	1	53	23.22	23.31	23.26	25.2
40	PI/2 BPSK	1	104	23.39	23.61	23.37	
40	PI/2 BPSK	50	0	22.75	22.88	22.73	24.7
40	PI/2 BPSK	50	28	23.24	23.39	23.27	25.2
40	PI/2 BPSK	50	56	22.71	22.96	22.73	24.7
40	PI/2 BPSK	100	0	22.71	22.89	22.73	
40	QPSK	1	1	23.31	23.58	23.37	25.2
40	QPSK	1	53	23.27	23.47	23.23	
40	QPSK	1	104	23.35	23.56	23.34	
40	QPSK	50	0	22.21	22.36	22.25	24.2
40	QPSK	50	28	23.24	23.32	23.21	25.2
40	QPSK	50	56	22.22	22.44	22.20	24.2
40	QPSK	100	0	22.21	22.36	22.26	
40	16QAM	1	1	22.31	22.59	22.41	24.2
40	64QAM	1	1	20.96	21.11	20.95	22.7
40	256QAM	1	1	18.73	19.02	18.85	20.7
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	23.33	23.46	23.40	25.2
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.30	23.53	23.40	25.2



<FR1 n41_Ant 5_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	25.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.62	24.63	24.31	
100	PI/2 BPSK	1	137	24.18	24.12	23.90	24.7
100	PI/2 BPSK	1	271	24.43	24.39	24.12	
100	PI/2 BPSK	135	0	23.59	23.49	23.19	
100	PI/2 BPSK	135	69	23.60	23.61	23.36	24.7
100	PI/2 BPSK	135	138	23.46	23.38	23.07	
100	PI/2 BPSK	270	0	23.24	23.14	22.90	
100	QPSK	1	1	23.64	23.60	23.36	25.2
100	QPSK	1	137	23.77	23.71	23.42	
100	QPSK	1	271	24.51	24.47	24.20	
100	QPSK	135	0	24.05	24.03	23.73	24.2
100	QPSK	135	69	23.69	23.61	23.31	
100	QPSK	135	138	22.90	22.90	22.60	
100	QPSK	270	0	22.73	22.68	22.43	24.2
100	16QAM	1	1	22.57	22.51	22.22	
100	64QAM	1	1	21.24	21.15	20.92	
100	256QAM	1	1	19.10	19.03	18.79	20.7
Channel				508200	518598	528996	25.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.36	24.26	23.95	
Channel				507204	518598	529998	25.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.31	24.42	24.08	
Channel				505200	518598	531996	25.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.32	24.40	24.04	
Channel				504204	518598	532998	25.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.25	24.32	23.94	
Channel				503202	518598	534000	25.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.30	24.25	23.95	
Channel				502200	518598	534996	25.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.35	24.42	24.03	
Channel				501204	518598	535998	25.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.32	24.24	23.94	



<FR1 n41_Ant 2_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.16	21.55	21.03	
100	PI/2 BPSK	1	137	21.02	21.47	20.89	22.0
100	PI/2 BPSK	1	271	20.96	21.43	20.90	
100	PI/2 BPSK	135	0	20.95	21.39	20.80	
100	PI/2 BPSK	135	69	20.97	21.43	20.88	22.0
100	PI/2 BPSK	135	138	20.93	21.42	20.80	
100	PI/2 BPSK	270	0	20.92	21.38	20.85	
100	QPSK	1	1	21.01	21.41	20.83	22.0
100	QPSK	1	137	20.96	21.44	20.91	
100	QPSK	1	271	21.01	21.48	20.91	
100	QPSK	135	0	21.03	21.43	20.86	22.0
100	QPSK	135	69	20.88	21.36	20.77	
100	QPSK	135	138	21.00	21.44	20.82	
100	QPSK	270	0	21.08	21.48	20.87	22.0
100	16QAM	1	1	20.97	21.43	20.87	
100	64QAM	1	1	20.70	21.17	20.60	
100	256QAM	1	1	19.12	19.56	19.03	20.0
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.96	21.35	20.87	
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.96	21.35	20.93	
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.39	20.89	
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.98	21.38	20.92	
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.43	20.89	
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.05	21.43	20.83	
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.97	21.38	20.89	



<FR1 n41_Ant 3_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.98	21.16	21.58	
100	PI/2 BPSK	1	137	20.53	20.66	21.09	22.0
100	PI/2 BPSK	1	271	20.77	20.87	21.29	
100	PI/2 BPSK	135	0	19.83	20.01	20.48	
100	PI/2 BPSK	135	69	20.12	20.09	20.52	22.0
100	PI/2 BPSK	135	138	19.67	19.85	20.32	21.5
100	PI/2 BPSK	270	0	19.54	19.60	20.02	
100	QPSK	1	1	20.16	20.06	20.56	
100	QPSK	1	137	20.02	20.19	20.59	22.0
100	QPSK	1	271	20.80	20.98	21.48	
100	QPSK	135	0	20.45	20.57	19.82	
100	QPSK	135	69	20.00	20.10	20.54	22.0
100	QPSK	135	138	19.26	19.36	19.85	21.0
100	QPSK	270	0	19.06	19.17	19.61	
100	16QAM	1	1	20.17	20.36	20.85	
100	64QAM	1	1	18.89	19.08	19.36	19.5
100	256QAM	1	1	17.12	17.30	17.38	17.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.83	20.94	21.41	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.85	20.96	21.44	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.86	20.97	21.47	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.83	20.89	21.47	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.80	20.97	21.48	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.85	20.89	21.42	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.78	20.95	21.39	

<FR1 n41_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.08	21.87	20.12	
100	PI/2 BPSK	1	137	20.04	21.80	20.06	22.0
100	PI/2 BPSK	1	271	20.06	21.83	20.07	
100	PI/2 BPSK	135	0	20.03	21.85	20.07	
100	PI/2 BPSK	135	69	20.01	21.77	20.04	22.0
100	PI/2 BPSK	135	138	20.09	21.84	20.08	
100	PI/2 BPSK	270	0	20.06	21.79	20.01	
100	QPSK	1	1	20.02	21.82	20.08	22.0
100	QPSK	1	137	20.03	21.82	20.10	
100	QPSK	1	271	20.01	21.84	20.00	
100	QPSK	135	0	20.06	21.84	20.04	22.0
100	QPSK	135	69	20.02	21.83	20.08	
100	QPSK	135	138	20.02	21.77	20.09	
100	QPSK	270	0	20.06	21.76	20.07	22.0
100	16QAM	1	1	20.00	21.78	20.03	
100	64QAM	1	1	20.03	20.66	20.10	
100	256QAM	1	1	18.19	18.85	18.27	20.0
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.20	21.70	20.23	
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.26	21.70	20.31	
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.11	21.74	20.10	
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.16	21.70	20.13	
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.20	21.77	20.20	
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.13	21.75	20.01	
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.10	21.67	20.16	



<FR1 n41_Ant 3_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	20.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.63	19.81	19.65	
100	PI/2 BPSK	1	137	19.62	19.79	19.60	20.2
100	PI/2 BPSK	1	271	18.58	18.30	18.81	
100	PI/2 BPSK	135	0	19.57	19.76	19.66	
100	PI/2 BPSK	135	69	19.63	19.80	19.64	20.2
100	PI/2 BPSK	135	138	18.26	18.35	18.21	20.2
100	PI/2 BPSK	270	0	18.93	19.12	18.99	
100	QPSK	1	1	19.12	19.31	19.14	
100	QPSK	1	137	19.54	19.67	19.50	20.2
100	QPSK	1	271	18.22	18.21	18.25	
100	QPSK	135	0	19.63	19.76	19.59	
100	QPSK	135	69	19.31	19.50	19.39	20.2
100	QPSK	135	138	18.27	18.22	18.36	20.2
100	QPSK	270	0	19.02	19.13	18.99	
100	16QAM	1	1	19.34	19.44	19.28	
100	64QAM	1	1	18.87	19.03	18.85	19.4
100	256QAM	1	1	16.97	17.17	17.02	17.4
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.49	19.68	19.45	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.49	19.66	19.50	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.50	19.68	19.48	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.47	19.63	19.50	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.45	19.59	19.49	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.44	19.65	19.50	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.49	19.69	19.41	



<FR1 n41_HPUE_Ant 5_DSI 2
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.22	25.58	25.43	
100	PI/2 BPSK	1	137	25.04	25.46	25.29	27.0
100	PI/2 BPSK	1	271	25.01	25.04	25.08	
100	PI/2 BPSK	135	0	24.58	24.81	24.65	
100	PI/2 BPSK	135	69	25.07	25.49	25.29	27.0
100	PI/2 BPSK	135	138	24.51	24.51	24.52	26.5
100	PI/2 BPSK	270	0	24.53	24.76	24.52	
100	QPSK	1	1	25.08	25.44	25.27	
100	QPSK	1	137	25.02	25.44	25.26	27.0
100	QPSK	1	271	25.06	25.15	25.03	
100	QPSK	135	0	24.95	25.33	25.17	
100	QPSK	135	69	25.03	25.14	25.03	27.0
100	QPSK	135	138	24.64	25.04	24.82	26.0
100	QPSK	270	0	24.05	24.35	24.18	
100	16QAM	1	1	24.06	24.52	24.35	
100	64QAM	1	1	22.75	23.14	22.94	24.5
100	256QAM	1	1	20.62	21.07	20.92	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.10	25.31	25.14	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.19	25.26	25.12	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.20	25.30	25.16	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.16	25.28	25.16	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.17	25.34	25.16	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.09	25.26	25.16	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.07	25.18	25.20	

<FR1 n48_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.41	23.66	23.52	24.0
40	PI/2 BPSK	1	53	22.65	22.95	22.80	
40	PI/2 BPSK	1	104	22.83	23.11	22.97	
40	PI/2 BPSK	50	0	22.57	22.92	22.70	23.5
40	PI/2 BPSK	50	28	23.05	23.39	23.17	24.0
40	PI/2 BPSK	50	56	22.63	22.88	22.69	23.5
40	PI/2 BPSK	100	0	22.63	22.92	22.69	
40	QPSK	1	1	22.74	23.05	22.89	24.0
40	QPSK	1	53	22.73	22.98	22.75	
40	QPSK	1	104	22.86	23.18	23.01	
40	QPSK	50	0	22.12	22.39	22.23	23.0
40	QPSK	50	28	23.02	23.37	23.14	24.0
40	QPSK	50	56	22.06	22.33	22.15	23.0
40	QPSK	100	0	22.06	22.39	22.22	
40	16QAM	1	1	21.77	22.11	21.92	23.0
40	64QAM	1	1	20.33	20.63	20.42	21.5
40	256QAM	1	1	18.32	18.62	18.41	19.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	23.21	23.50	23.39	24.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	23.31	23.52	23.38	24.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	23.30	23.55	23.37	24.0



<FR1 n48_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	23.11	23.42	23.24	24.0
40	PI/2 BPSK	1	53	22.86	23.15	22.95	
40	PI/2 BPSK	1	104	23.07	23.33	23.06	
40	PI/2 BPSK	50	0	22.32	22.55	22.29	23.5
40	PI/2 BPSK	50	28	22.86	23.07	22.87	24.0
40	PI/2 BPSK	50	56	22.37	22.60	22.34	23.5
40	PI/2 BPSK	100	0	22.27	22.54	22.32	
40	QPSK	1	1	22.85	23.08	22.82	24.0
40	QPSK	1	53	22.96	23.22	22.95	
40	QPSK	1	104	23.00	23.24	23.03	
40	QPSK	50	0	21.81	22.02	21.80	23.0
40	QPSK	50	28	22.80	23.04	22.77	24.0
40	QPSK	50	56	21.85	22.11	21.87	23.0
40	QPSK	100	0	21.73	22.02	21.74	
40	16QAM	1	1	21.95	22.15	21.90	23.0
40	64QAM	1	1	20.45	20.66	20.46	21.5
40	256QAM	1	1	18.35	18.62	18.32	19.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.98	23.26	23.08	24.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.99	23.31	23.11	24.0



<FR1 n66_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.82	24.10	23.95	25.2
20	PI/2 BPSK	1	53	23.79	23.97	23.80	
20	PI/2 BPSK	1	104	23.80	23.95	23.78	
20	PI/2 BPSK	50	0	23.26	23.42	23.24	24.7
20	PI/2 BPSK	50	28	23.87	23.99	23.82	25.2
20	PI/2 BPSK	50	56	23.25	23.38	23.19	24.7
20	PI/2 BPSK	100	0	23.21	23.35	23.17	
20	QPSK	1	1	23.69	23.88	23.74	25.2
20	QPSK	1	53	23.81	23.94	23.75	
20	QPSK	1	104	23.83	23.96	23.83	
20	QPSK	50	0	22.80	22.95	22.77	24.2
20	QPSK	50	28	23.79	23.96	23.79	25.2
20	QPSK	50	56	22.74	22.91	22.75	24.2
20	QPSK	100	0	22.73	22.86	22.71	
20	16QAM	1	1	22.85	22.99	22.79	24.2
20	64QAM	1	1	21.46	21.56	21.46	22.7
20	256QAM	1	1	19.39	19.49	19.29	20.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.64	23.78	23.68	25.2
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.67	23.82	23.70	25.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.62	23.78	23.62	25.2



<FR1 n66_Ant 5_DSI 2 (Wlan Off)>

W [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.79	24.19	24.13	25.2
20	PI/2 BPSK	1	53	23.65	23.85	23.81	
20	PI/2 BPSK	1	104	23.81	24.04	24.04	
20	PI/2 BPSK	50	0	23.10	23.34	23.24	24.7
20	PI/2 BPSK	50	28	23.54	23.84	23.75	25.2
20	PI/2 BPSK	50	56	23.15	23.42	23.40	24.7
20	PI/2 BPSK	100	0	23.13	23.36	23.28	
20	QPSK	1	1	23.53	23.82	23.82	25.2
20	QPSK	1	53	23.60	23.84	23.84	
20	QPSK	1	104	23.74	24.02	23.95	
20	QPSK	50	0	22.58	22.80	22.80	24.2
20	QPSK	50	28	23.58	23.88	23.85	25.2
20	QPSK	50	56	22.63	22.89	22.80	24.2
20	QPSK	100	0	22.61	22.86	22.83	
20	16QAM	1	1	22.65	22.89	22.83	24.2
20	64QAM	1	1	21.15	21.42	21.42	22.7
20	256QAM	1	1	19.18	19.38	19.35	20.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.65	24.06	23.98	25.2
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.62	24.03	23.98	25.2
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.62	24.00	24.00	25.2



<FR1 n71_Ant 1_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.69	24.75	24.61	
20	PI/2 BPSK	1	53	24.47	24.66	24.52	25.2
20	PI/2 BPSK	1	104	24.62	24.73	24.54	
20	PI/2 BPSK	50	0	23.93	24.08	23.95	
20	PI/2 BPSK	50	28	24.41	24.58	24.41	24.7
20	PI/2 BPSK	50	56	24.01	24.12	23.93	25.2
20	PI/2 BPSK	100	0	23.83	24.03	23.93	
20	QPSK	1	1	24.53	24.66	24.52	
20	QPSK	1	53	24.53	24.65	24.50	25.2
20	QPSK	1	104	24.56	24.74	24.64	
20	QPSK	50	0	23.37	23.56	23.37	
20	QPSK	50	28	24.47	24.58	24.47	24.2
20	QPSK	50	56	23.43	23.63	23.45	25.2
20	QPSK	100	0	23.37	23.54	23.42	
20	16QAM	1	1	23.51	23.69	23.53	
20	64QAM	1	1	22.06	22.18	22.02	24.2
20	256QAM	1	1	19.75	19.93	19.80	22.7
Channel				134100	136100	138100	20.7
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.37	24.53	24.37	
Channel				133600	136100	138600	25.2
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.29	24.51	24.34	
Channel				133100	136100	139100	25.2
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.32	24.53	24.33	



<FR1 n77_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	23.6
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.31	23.46	23.30	
100	PI/2 BPSK	1	137	23.31	23.43	23.24	23.6
100	PI/2 BPSK	1	271	23.20	23.37	23.21	
100	PI/2 BPSK	135	0	23.25	23.40	23.23	
100	PI/2 BPSK	135	69	23.30	23.45	23.25	23.6
100	PI/2 BPSK	135	138	23.16	23.36	23.23	23.6
100	PI/2 BPSK	270	0	23.14	23.33	23.13	
100	QPSK	1	1	23.24	23.35	23.20	
100	QPSK	1	137	23.07	23.23	23.07	23.6
100	QPSK	1	271	23.03	23.16	23.00	
100	QPSK	135	0	23.18	23.33	23.15	
100	QPSK	135	69	23.17	23.30	23.11	23.6
100	QPSK	135	138	22.97	23.11	22.98	23.6
100	QPSK	270	0	22.93	23.09	22.91	
100	16QAM	1	1	23.32	23.45	23.30	
100	64QAM	1	1	22.27	22.40	22.21	22.7
100	256QAM	1	1	20.30	20.41	20.21	20.7
Channel				649668	656000	662332	23.6
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.16	23.26	23.12	
Channel				649334	656000	662666	23.6
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.16	23.31	23.11	
Channel				649000	656000	663000	23.6
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.19	23.25	23.08	
Channel				648668	656000	663332	23.6
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.14	23.32	23.10	
Channel				648334	656000	663666	23.6
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.14	23.31	23.05	
Channel				648000	656000	664000	23.6
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.15	23.28	23.10	
Channel				647668	656000	664332	23.6
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.16	23.30	23.06	
Channel				647334	656000	664666	23.6
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.11	23.31	23.08	
Channel				647168	656000	664832	23.6
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.11	23.26	23.06	
Channel				647000	656000	665000	23.6
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.18	23.40	23.19	



<FR1 n77_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	22.0
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.72	21.75	21.74	
100	PI/2 BPSK	1	137	21.58	21.59	21.47	22.0
100	PI/2 BPSK	1	271	21.43	21.46	21.26	
100	PI/2 BPSK	135	0	21.42	21.49	21.38	
100	PI/2 BPSK	135	69	21.43	21.50	21.40	22.0
100	PI/2 BPSK	135	138	21.37	21.43	21.28	22.0
100	PI/2 BPSK	270	0	21.40	21.46	21.33	
100	QPSK	1	1	21.51	21.53	21.36	
100	QPSK	1	137	21.61	21.67	21.49	22.0
100	QPSK	1	271	21.48	21.53	21.35	
100	QPSK	135	0	20.91	20.97	20.81	
100	QPSK	135	69	21.39	21.48	21.37	22.0
100	QPSK	135	138	20.98	20.99	20.88	22.0
100	QPSK	270	0	20.91	20.96	20.77	
100	16QAM	1	1	20.81	20.86	20.71	
100	64QAM	1	1	21.18	21.23	21.10	22.0
100	256QAM	1	1	19.68	19.76	19.57	20.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.53	21.59	21.55	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.55	21.62	21.63	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.56	21.56	21.63	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.59	21.61	21.61	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.59	21.58	21.64	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.60	21.60	21.54	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.59	21.63	21.55	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.54	21.58	21.57	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.62	21.57	21.62	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.56	21.64	21.55	



<FR1 n77_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	22.0
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.90	21.44	21.64	
100	PI/2 BPSK	1	137	21.89	21.40	21.57	22.0
100	PI/2 BPSK	1	271	21.86	21.42	21.60	
100	PI/2 BPSK	135	0	21.82	21.53	21.44	
100	PI/2 BPSK	135	69	21.75	21.53	21.48	22.0
100	PI/2 BPSK	135	138	21.83	21.53	21.51	22.0
100	PI/2 BPSK	270	0	21.79	21.50	21.40	
100	QPSK	1	1	21.75	21.48	21.41	
100	QPSK	1	137	21.84	21.63	21.60	22.0
100	QPSK	1	271	20.91	21.70	21.68	
100	QPSK	135	0	21.74	21.48	21.40	
100	QPSK	135	69	21.73	21.51	21.45	22.0
100	QPSK	135	138	21.73	21.50	21.40	22.0
100	QPSK	270	0	21.81	21.53	21.43	
100	16QAM	1	1	21.80	21.60	21.60	
100	64QAM	1	1	21.69	21.49	21.47	22.0
100	256QAM	1	1	20.66	20.45	20.37	20.7
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.76	21.24	21.52	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.72	21.28	21.54	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.76	21.24	21.47	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.80	21.29	21.46	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.72	21.25	21.45	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.80	21.28	21.49	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.73	21.28	21.54	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.73	21.26	21.53	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.71	21.26	21.46	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.75	21.34	21.48	



<FR1 n77_Ant 3_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	22.0
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.08	21.08	21.31	
100	PI/2 BPSK	1	137	20.87	20.95	21.05	22.0
100	PI/2 BPSK	1	271	21.04	21.06	21.26	
100	PI/2 BPSK	135	0	20.77	20.82	20.92	
100	PI/2 BPSK	135	69	20.85	20.92	21.10	22.0
100	PI/2 BPSK	135	138	20.81	20.84	20.95	22.0
100	PI/2 BPSK	270	0	20.86	20.92	21.12	
100	QPSK	1	1	20.88	20.95	21.15	
100	QPSK	1	137	20.94	20.95	21.06	22.0
100	QPSK	1	271	20.80	21.08	21.30	
100	QPSK	135	0	20.81	20.90	21.04	
100	QPSK	135	69	20.86	20.88	21.07	22.0
100	QPSK	135	138	20.82	20.92	21.05	22.0
100	QPSK	270	0	20.77	20.85	21.03	
100	16QAM	1	1	20.94	21.00	21.17	
100	64QAM	1	1	20.95	21.01	21.12	22.0
100	256QAM	1	1	19.94	19.95	20.13	20.7
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.91	20.95	21.17	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.95	20.88	21.20	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.97	20.96	21.16	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.91	20.97	21.20	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.92	20.93	21.17	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.91	20.90	21.17	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.91	20.92	21.20	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.98	20.93	21.21	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.98	20.91	21.17	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.96	20.98	21.20	



<FR1 n77_Ant 8_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	21.8
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	21.32	21.50	21.39	
100	PI/2 BPSK	1	137	21.21	21.39	21.21	21.8
100	PI/2 BPSK	1	271	21.32	21.43	21.23	
100	PI/2 BPSK	135	0	21.23	21.36	21.19	
100	PI/2 BPSK	135	69	21.26	21.42	21.28	21.8
100	PI/2 BPSK	135	138	21.27	21.43	21.26	21.8
100	PI/2 BPSK	270	0	21.08	21.22	21.09	
100	QPSK	1	1	21.19	21.38	21.24	
100	QPSK	1	137	21.20	21.35	21.17	21.8
100	QPSK	1	271	21.31	21.45	21.29	
100	QPSK	135	0	21.24	21.43	21.30	
100	QPSK	135	69	21.29	21.41	21.24	21.8
100	QPSK	135	138	21.23	21.39	21.28	21.8
100	QPSK	270	0	21.20	21.40	21.25	
100	16QAM	1	1	21.38	21.48	21.38	
100	64QAM	1	1	21.31	21.48	21.34	21.8
100	256QAM	1	1	20.28	20.47	20.35	20.7
Channel				649668	656000	662332	21.8
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	21.30	21.38	21.32	
Channel				649334	656000	662666	21.8
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	21.13	21.18	21.12	
Channel				649000	656000	663000	21.8
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	21.13	21.20	21.14	
Channel				648668	656000	663332	21.8
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	21.13	21.19	21.18	
Channel				648334	656000	663666	21.8
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	21.15	21.27	21.14	
Channel				648000	656000	664000	21.8
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	21.17	21.20	21.19	
Channel				647668	656000	664332	21.8
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	21.19	21.28	21.20	
Channel				647334	656000	664666	21.8
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	21.20	21.36	21.30	
Channel				647168	656000	664832	21.8
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	21.14	21.26	21.17	
Channel				647000	656000	665000	21.8
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	21.12	21.18	21.17	



<FR1 n77_HPUE_Ant 8_DSI 2
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.87	25.04	24.84	
100	PI/2 BPSK	1	137	24.83	24.99	24.81	26.6
100	PI/2 BPSK	1	271	24.85	25.01	24.80	
100	PI/2 BPSK	135	0	24.65	24.90	24.73	
100	PI/2 BPSK	135	69	24.77	24.95	24.75	26.6
100	PI/2 BPSK	135	138	24.73	24.94	24.72	26.5
100	PI/2 BPSK	270	0	24.83	24.97	24.85	
100	QPSK	1	1	24.67	24.84	24.68	
100	QPSK	1	137	24.78	24.93	24.78	26.6
100	QPSK	1	271	24.75	24.86	24.71	
100	QPSK	135	0	24.71	24.85	24.69	
100	QPSK	135	69	24.83	24.99	24.85	25.6
100	QPSK	135	138	24.86	24.96	24.78	26.6
100	QPSK	270	0	24.70	24.87	24.73	
100	16QAM	1	1	24.84	25.03	24.90	
100	64QAM	1	1	24.24	24.44	24.29	25.6
100	256QAM	1	1	22.15	22.31	22.13	24.5
Channel				649668	656000	662332	22.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.73	24.92	24.64	
Channel				649334	656000	662666	26.6
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.69	24.92	24.65	
Channel				649000	656000	663000	26.6
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.70	24.85	24.67	
Channel				648668	656000	663332	26.6
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.68	24.87	24.70	
Channel				648334	656000	663666	26.6
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.72	24.86	24.65	
Channel				648000	656000	664000	26.6
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.73	24.94	24.68	
Channel				647668	656000	664332	26.6
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.67	24.89	24.69	
Channel				647334	656000	664666	26.6
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.68	24.94	24.74	
Channel				647168	656000	664832	26.6
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.73	24.94	24.70	
Channel				647000	656000	665000	26.6
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.67	24.86	24.69	



<FR1 n77_HPUE_Ant 8_DSI 2
(Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	24.05	24.43	24.16	
100	PI/2 BPSK	1	137	24.18	24.40	24.10	24.8
100	PI/2 BPSK	1	271	24.01	24.41	24.10	
100	PI/2 BPSK	135	0	24.19	24.39	24.11	
100	PI/2 BPSK	135	69	24.19	24.40	24.17	24.8
100	PI/2 BPSK	135	138	24.19	24.40	24.05	24.8
100	PI/2 BPSK	270	0	24.09	24.35	23.99	
100	QPSK	1	1	24.10	24.38	24.08	
100	QPSK	1	137	24.06	24.33	23.95	24.8
100	QPSK	1	271	23.98	24.36	24.04	
100	QPSK	135	0	24.05	24.40	24.07	
100	QPSK	135	69	24.10	24.36	24.00	24.8
100	QPSK	135	138	24.09	24.39	24.03	24.8
100	QPSK	270	0	24.18	24.39	24.13	
100	16QAM	1	1	24.04	24.40	24.08	
100	64QAM	1	1	23.96	24.35	24.01	24.5
100	256QAM	1	1	21.89	22.18	21.95	22.2
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	24.36	24.20	24.26	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	24.29	24.29	24.26	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	24.29	24.21	24.28	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	24.28	24.20	24.27	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	24.28	24.25	24.23	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	24.25	24.26	24.22	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	24.30	24.22	24.23	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	24.26	24.30	24.20	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	24.29	24.26	24.29	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	24.30	24.36	24.26	



<FR1 n77_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.85		23.6
100	PI/2 BPSK	1	137		22.76		
100	PI/2 BPSK	1	271		22.65		
100	PI/2 BPSK	135	0		22.63		23.6
100	PI/2 BPSK	135	69		22.74		23.6
100	PI/2 BPSK	135	138		22.43		23.6
100	PI/2 BPSK	270	0		22.49		
100	QPSK	1	1		22.74		23.6
100	QPSK	1	137		22.67		
100	QPSK	1	271		22.72		
100	QPSK	135	0		22.53		23.6
100	QPSK	135	69		22.69		23.6
100	QPSK	135	138		22.67		23.6
100	QPSK	270	0		22.54		
100	16QAM	1	1		22.78		23.6
100	64QAM	1	1		21.80		22.7
100	256QAM	1	1		19.82		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.80	22.79	22.80	23.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.67	22.60	22.70	23.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.60	22.59	22.62	23.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.70	22.67	22.65	23.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.65	22.67	22.64	23.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.67	22.62	22.70	23.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.62	22.62	22.62	23.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.63	22.61	22.64	23.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.63	22.65	22.68	23.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.69	22.61	22.62	23.6



<FR1 n77_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.33		
100	PI/2 BPSK	1	137		21.13		22.0
100	PI/2 BPSK	1	271		21.07		
100	PI/2 BPSK	135	0		21.10		
100	PI/2 BPSK	135	69		21.11		22.0
100	PI/2 BPSK	135	138		21.01		22.0
100	PI/2 BPSK	270	0		21.00		
100	QPSK	1	1		21.06		
100	QPSK	1	137		21.23		22.0
100	QPSK	1	271		21.10		
100	QPSK	135	0		20.54		
100	QPSK	135	69		21.04		22.0
100	QPSK	135	138		20.56		22.0
100	QPSK	270	0		20.49		
100	16QAM	1	1		20.42		
100	64QAM	1	1		20.78		22.0
100	256QAM	1	1		19.82		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.15	21.13	21.13	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.05	20.99	21.03	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.98	20.99	20.94	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.00	20.94	20.94	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.96	20.98	20.99	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.03	20.97	21.00	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.01	21.02	20.93	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.97	21.00	21.01	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.04	21.02	20.99	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.11	21.15	21.08	



<FR1 n77_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.91		22.0
100	PI/2 BPSK	1	137		20.77		
100	PI/2 BPSK	1	271		20.82		
100	PI/2 BPSK	135	0		20.74		22.0
100	PI/2 BPSK	135	69		20.75		22.0
100	PI/2 BPSK	135	138		20.72		22.0
100	PI/2 BPSK	270	0		20.74		
100	QPSK	1	1		20.80		22.0
100	QPSK	1	137		20.85		
100	QPSK	1	271		20.90		
100	QPSK	135	0		20.76		22.0
100	QPSK	135	69		20.75		22.0
100	QPSK	135	138		20.73		22.0
100	QPSK	270	0		20.72		
100	16QAM	1	1		20.90		22.0
100	64QAM	1	1		20.85		22.0
100	256QAM	1	1		19.88		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.71	20.74	20.77	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.58	20.61	20.58	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.59	20.64	20.66	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.61	20.59	20.65	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.58	20.60	20.59	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.61	20.57	20.60	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.61	20.56	20.59	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.61	20.61	20.57	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.54	20.54	20.65	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.53	20.60	20.62	22.0



<FR1 n77_Ant 3_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.62		22.0
100	PI/2 BPSK	1	137		20.39		
100	PI/2 BPSK	1	271		20.22		
100	PI/2 BPSK	135	0		20.41		22.0
100	PI/2 BPSK	135	69		20.45		22.0
100	PI/2 BPSK	135	138		20.22		22.0
100	PI/2 BPSK	270	0		20.38		
100	QPSK	1	1		20.53		22.0
100	QPSK	1	137		20.36		
100	QPSK	1	271		20.32		
100	QPSK	135	0		20.49		22.0
100	QPSK	135	69		20.33		22.0
100	QPSK	135	138		20.22		22.0
100	QPSK	270	0		20.33		
100	16QAM	1	1		20.55		22.0
100	64QAM	1	1		20.61		22.0
100	256QAM	1	1		19.60		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.44	20.50	20.50	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.28	20.32	20.38	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.28	20.38	20.38	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.34	20.32	20.31	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.28	20.37	20.33	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.25	20.32	20.34	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.28	20.37	20.34	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.26	20.38	20.33	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.34	20.35	20.37	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.34	20.35	20.39	22.0



<FR1 n77_Ant 8_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.80		21.8
100	PI/2 BPSK	1	137		20.63		
100	PI/2 BPSK	1	271		20.60		
100	PI/2 BPSK	135	0		20.70		21.8
100	PI/2 BPSK	135	69		20.73		21.8
100	PI/2 BPSK	135	138		20.68		21.8
100	PI/2 BPSK	270	0		20.65		
100	QPSK	1	1		20.76		21.8
100	QPSK	1	137		20.70		
100	QPSK	1	271		20.68		
100	QPSK	135	0		20.69		21.8
100	QPSK	135	69		20.73		21.8
100	QPSK	135	138		20.59		21.8
100	QPSK	270	0		20.55		
100	16QAM	1	1		20.76		21.8
100	64QAM	1	1		20.72		21.8
100	256QAM	1	1		19.77		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.76	20.66	20.69	21.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.70	20.73	20.65	21.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.73	20.55	20.39	21.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.51	20.47	20.64	21.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.47	20.48	20.51	21.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.59	20.48	20.44	21.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.68	20.56	20.49	21.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.59	20.62	20.63	21.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.70	20.60	20.40	21.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.53	20.48	20.54	21.8



<FR1 n77_HPUE_Ant 8_DSI 2
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.48		26.6
100	PI/2 BPSK	1	137		25.15		
100	PI/2 BPSK	1	271		25.29		
100	PI/2 BPSK	135	0		25.10		26.5
100	PI/2 BPSK	135	69		25.14		26.6
100	PI/2 BPSK	135	138		25.12		26.5
100	PI/2 BPSK	270	0		25.13		
100	QPSK	1	1		25.17		26.6
100	QPSK	1	137		25.21		
100	QPSK	1	271		25.30		
100	QPSK	135	0		25.05		25.6
100	QPSK	135	69		25.14		26.6
100	QPSK	135	138		25.09		25.6
100	QPSK	270	0		25.13		
100	16QAM	1	1		25.09		25.6
100	64QAM	1	1		23.53		24.5
100	256QAM	1	1		21.63		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.40	25.42	25.36	26.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.26	25.23	25.20	26.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.22	25.25	25.25	26.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.22	25.30	25.24	26.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.30	25.25	25.22	26.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.23	25.24	25.24	26.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.20	25.30	25.22	26.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.30	25.23	25.24	26.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.25	25.29	25.18	26.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.27	25.23	25.23	26.6



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n77_HPUE_Ant 8_DSI 2
(Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.96		24.8
100	PI/2 BPSK	1	137		23.95		
100	PI/2 BPSK	1	271		23.84		
100	PI/2 BPSK	135	0		23.83		24.8
100	PI/2 BPSK	135	69		23.89		24.8
100	PI/2 BPSK	135	138		23.88		24.8
100	PI/2 BPSK	270	0		23.82		
100	QPSK	1	1		23.76		24.8
100	QPSK	1	137		23.93		
100	QPSK	1	271		23.90		
100	QPSK	135	0		23.78		24.8
100	QPSK	135	69		23.81		24.8
100	QPSK	135	138		23.83		24.8
100	QPSK	270	0		23.87		
100	16QAM	1	1		23.85		24.8
100	64QAM	1	1		23.53		24.5
100	256QAM	1	1		21.63		22.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.81	23.84	23.82	24.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.63	23.74	23.60	24.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.64	23.63	23.63	24.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.54	23.69	23.64	24.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.66	23.67	23.65	24.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.63	23.59	23.67	24.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.64	23.63	23.63	24.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.68	23.69	23.66	24.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.60	23.61	23.57	24.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.70	23.78	23.67	24.8



<FR1 n77/n78_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	22.0
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	21.52	21.58	21.53	
100	PI/2 BPSK	1	137	21.47	21.53	21.49	22.0
100	PI/2 BPSK	1	271	21.49	21.51	21.50	
100	PI/2 BPSK	135	0	21.32	21.42	21.34	
100	PI/2 BPSK	135	69	21.40	21.48	21.41	22.0
100	PI/2 BPSK	135	138	21.37	21.47	21.40	22.0
100	PI/2 BPSK	270	0	21.34	21.39	21.36	
100	QPSK	1	1	21.31	21.38	21.35	
100	QPSK	1	137	21.50	21.57	21.57	22.0
100	QPSK	1	271	21.50	21.55	21.47	
100	QPSK	135	0	21.45	21.47	21.38	
100	QPSK	135	69	21.38	21.42	21.34	22.0
100	QPSK	135	138	21.36	21.44	21.36	22.0
100	QPSK	270	0	21.41	21.41	21.34	
100	16QAM	1	1	21.47	21.50	21.49	
100	64QAM	1	1	21.35	21.45	21.44	22.0
100	256QAM	1	1	19.85	19.91	19.92	20.0
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	21.37	21.47	21.41	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	21.42	21.43	21.33	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	21.35	21.47	21.40	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	21.40	21.43	21.43	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	21.41	21.40	21.40	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.38	21.43	21.36	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.35	21.45	21.39	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.32	21.43	21.42	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.33	21.41	21.42	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.40	21.38	21.30	



<FR1 n77/n78_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	22.0
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	21.62	21.65	21.61	
100	PI/2 BPSK	1	137	21.40	21.47	21.40	22.0
100	PI/2 BPSK	1	271	21.60	21.64	21.58	
100	PI/2 BPSK	135	0	21.21	21.31	21.31	
100	PI/2 BPSK	135	69	21.38	21.42	21.32	22.0
100	PI/2 BPSK	135	138	21.42	21.47	21.45	22.0
100	PI/2 BPSK	270	0	21.43	21.44	21.36	
100	QPSK	1	1	21.16	21.23	21.15	
100	QPSK	1	137	21.50	21.57	21.50	22.0
100	QPSK	1	271	21.52	21.60	21.57	
100	QPSK	135	0	21.24	21.28	21.21	
100	QPSK	135	69	21.40	21.42	21.38	22.0
100	QPSK	135	138	21.44	21.50	21.44	22.0
100	QPSK	270	0	21.30	21.32	21.26	
100	16QAM	1	1	21.27	21.30	21.24	
100	64QAM	1	1	21.27	21.29	21.19	22.0
100	256QAM	1	1	19.19	19.28	19.25	20.0
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	21.52	21.47	21.47	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	21.44	21.50	21.42	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	21.42	21.50	21.44	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	21.49	21.53	21.43	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	21.45	21.51	21.51	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.46	21.49	21.48	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.43	21.54	21.43	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.43	21.52	21.49	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.46	21.52	21.49	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.49	21.50	21.43	



<FR1 n77/n78_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	22.0
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	20.75	21.01	20.76	
100	PI/2 BPSK	1	137	20.84	20.90	20.88	22.0
100	PI/2 BPSK	1	271	20.85	20.90	20.80	
100	PI/2 BPSK	135	0	20.68	20.77	20.76	
100	PI/2 BPSK	135	69	20.80	20.85	20.82	22.0
100	PI/2 BPSK	135	138	20.68	20.89	20.71	22.0
100	PI/2 BPSK	270	0	20.83	20.84	20.84	
100	QPSK	1	1	20.82	20.90	20.83	
100	QPSK	1	137	20.99	21.00	21.00	22.0
100	QPSK	1	271	20.95	20.98	20.91	
100	QPSK	135	0	20.74	20.75	20.72	
100	QPSK	135	69	20.76	20.85	20.84	22.0
100	QPSK	135	138	20.69	20.77	20.68	22.0
100	QPSK	270	0	20.80	20.86	20.86	
100	16QAM	1	1	20.86	20.92	20.91	
100	64QAM	1	1	20.83	20.91	20.81	22.0
100	256QAM	1	1	19.96	19.96	19.86	20.7
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	20.55	20.90	20.56	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	20.56	20.85	20.62	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	20.59	20.82	20.57	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	20.62	20.90	20.65	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	20.65	20.90	20.63	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.59	20.84	20.63	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.58	20.86	20.59	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.63	20.86	20.64	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.56	20.81	20.60	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.62	20.84	20.63	



<FR1 n77/n78_Ant 3_DSI 2 (Wlan Off)

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	22.0
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	20.20	20.23	20.80	
100	PI/2 BPSK	1	137	20.64	20.16	20.80	22.0
100	PI/2 BPSK	1	271	20.71	20.15	20.74	
100	PI/2 BPSK	135	0	20.31	20.40	20.32	
100	PI/2 BPSK	135	69	20.49	20.58	20.52	22.0
100	PI/2 BPSK	135	138	20.64	20.67	20.66	22.0
100	PI/2 BPSK	270	0	20.52	20.59	20.58	
100	QPSK	1	1	20.34	20.36	20.36	
100	QPSK	1	137	20.72	20.76	20.75	22.0
100	QPSK	1	271	20.68	20.74	20.67	
100	QPSK	135	0	20.30	20.40	20.39	
100	QPSK	135	69	20.60	20.60	20.54	22.0
100	QPSK	135	138	20.59	20.63	20.62	22.0
100	QPSK	270	0	20.38	20.47	20.46	
100	16QAM	1	1	20.41	20.45	20.41	
100	64QAM	1	1	20.43	20.44	20.36	22.0
100	256QAM	1	1	19.36	19.44	19.43	20.7
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	20.02	20.08	20.70	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	20.02	20.11	20.65	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	20.00	20.10	20.70	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	20.07	20.13	20.70	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	20.03	20.04	20.66	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.01	20.04	20.65	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.02	20.08	20.66	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.09	20.04	20.60	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.07	20.13	20.67	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.12	20.16	20.63	



<FR1 n77/n78_Ant 8_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	21.8
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	21.52	21.58	21.53	
100	PI/2 BPSK	1	137	21.47	21.53	21.49	21.8
100	PI/2 BPSK	1	271	21.49	21.51	21.50	
100	PI/2 BPSK	135	0	21.32	21.42	21.34	
100	PI/2 BPSK	135	69	21.40	21.48	21.41	21.8
100	PI/2 BPSK	135	138	21.37	21.47	21.40	21.8
100	PI/2 BPSK	270	0	21.34	21.39	21.36	
100	QPSK	1	1	21.31	21.38	21.35	
100	QPSK	1	137	21.50	21.57	21.57	21.8
100	QPSK	1	271	21.50	21.55	21.47	
100	QPSK	135	0	21.45	21.47	21.38	
100	QPSK	135	69	21.38	21.42	21.34	21.8
100	QPSK	135	138	21.36	21.44	21.36	21.8
100	QPSK	270	0	21.41	21.41	21.34	
100	16QAM	1	1	21.47	21.50	21.49	
100	64QAM	1	1	21.35	21.45	21.44	21.8
100	256QAM	1	1	19.85	19.91	19.92	20.0
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	21.32	21.39	21.34	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	21.35	21.41	21.40	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	21.41	21.44	21.33	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	21.32	21.42	21.38	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	21.38	21.44	21.34	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.39	21.48	21.38	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.41	21.42	21.36	
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	21.36	21.42	21.39	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.33	21.44	21.34	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.32	21.45	21.41	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.40	21.48	21.40	



<FR1 n78_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.45		23.6
100	PI/2 BPSK	1	137		23.43		
100	PI/2 BPSK	1	271		23.40		
100	PI/2 BPSK	135	0		23.20		23.6
100	PI/2 BPSK	135	69		23.30		23.6
100	PI/2 BPSK	135	138		23.16		23.6
100	PI/2 BPSK	270	0		23.20		
100	QPSK	1	1		23.20		23.6
100	QPSK	1	137		23.40		
100	QPSK	1	271		23.32		
100	QPSK	135	0		23.10		23.6
100	QPSK	135	69		23.15		23.6
100	QPSK	135	138		23.39		23.6
100	QPSK	270	0		23.41		
100	16QAM	1	1		23.34		23.6
100	64QAM	1	1		22.38		22.7
100	256QAM	1	1		20.20		20.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.40	23.39	23.42	23.6
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.26	23.21	23.26	23.6
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.25	23.29	23.27	23.6
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.29	23.22	23.24	23.6
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.22	23.21	23.23	23.6
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.21	23.23	23.27	23.6
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.21	23.19	23.32	23.6
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.20	23.27	23.25	23.6
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.24	23.29	23.29	23.6
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.21	23.19	23.31	23.6



<FR1 n78_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.72		22.0
100	PI/2 BPSK	1	137		21.62		
100	PI/2 BPSK	1	271		21.68		
100	PI/2 BPSK	135	0		21.64		22.0
100	PI/2 BPSK	135	69		21.68		22.0
100	PI/2 BPSK	135	138		21.61		22.0
100	PI/2 BPSK	270	0		21.60		
100	QPSK	1	1		21.62		22.0
100	QPSK	1	137		21.68		
100	QPSK	1	271		21.62		
100	QPSK	135	0		21.61		22.0
100	QPSK	135	69		21.67		22.0
100	QPSK	135	138		21.70		22.0
100	QPSK	270	0		21.61		
100	16QAM	1	1		21.64		22.0
100	64QAM	1	1		21.67		22.0
100	256QAM	1	1		19.86		20.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.70	21.68	21.66	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.60	21.48	21.53	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.58	21.49	21.50	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.56	21.48	21.53	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.50	21.55	21.56	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.53	21.55	21.47	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.52	21.55	21.55	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.53	21.58	21.46	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.56	21.57	21.54	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.52	21.52	21.47	22.0



<FR1 n78_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.57		
100	PI/2 BPSK	1	137		21.40		22.0
100	PI/2 BPSK	1	271		21.47		
100	PI/2 BPSK	135	0		21.29		22.0
100	PI/2 BPSK	135	69		21.34		22.0
100	PI/2 BPSK	135	138		21.38		22.0
100	PI/2 BPSK	270	0		21.34		
100	QPSK	1	1		21.30		22.0
100	QPSK	1	137		21.47		
100	QPSK	1	271		21.56		
100	QPSK	135	0		21.24		22.0
100	QPSK	135	69		21.33		22.0
100	QPSK	135	138		21.33		22.0
100	QPSK	270	0		21.33		
100	16QAM	1	1		21.36		22.0
100	64QAM	1	1		21.38		22.0
100	256QAM	1	1		20.31		20.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.37	21.38	21.43	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.39	21.45	21.47	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.38	21.43	21.46	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.24	21.35	21.26	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.36	21.18	21.39	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.22	21.18	21.28	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.27	21.19	21.28	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.29	21.37	21.26	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.29	21.34	21.37	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.31	21.33	21.41	22.0



<FR1 n78_Ant 3_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.10		22.0
100	PI/2 BPSK	1	137		20.93		
100	PI/2 BPSK	1	271		20.86		
100	PI/2 BPSK	135	0		20.90		22.0
100	PI/2 BPSK	135	69		20.88		22.0
100	PI/2 BPSK	135	138		20.83		22.0
100	PI/2 BPSK	270	0		20.91		
100	QPSK	1	1		20.97		22.0
100	QPSK	1	137		21.04		
100	QPSK	1	271		20.93		
100	QPSK	135	0		20.90		22.0
100	QPSK	135	69		20.88		22.0
100	QPSK	135	138		20.80		22.0
100	QPSK	270	0		20.87		
100	16QAM	1	1		21.09		22.0
100	64QAM	1	1		21.00		22.0
100	256QAM	1	1		20.09		20.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.97	20.98	20.94	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.95	20.94	20.92	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.98	20.99	20.90	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.96	20.90	20.91	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.96	21.00	20.90	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.98	20.97	20.93	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.99	20.97	20.90	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.95	21.00	20.95	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.98	20.96	20.98	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.95	20.96	20.94	22.0



<FR1 n78_Ant 8_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.29		21.8
100	PI/2 BPSK	1	137		21.27		
100	PI/2 BPSK	1	271		21.23		
100	PI/2 BPSK	135	0		21.25		21.8
100	PI/2 BPSK	135	69		21.28		21.8
100	PI/2 BPSK	135	138		21.27		21.8
100	PI/2 BPSK	270	0		21.27		
100	QPSK	1	1		21.24		21.8
100	QPSK	1	137		21.26		
100	QPSK	1	271		21.20		
100	QPSK	135	0		21.25		21.8
100	QPSK	135	69		21.23		21.8
100	QPSK	135	138		21.25		21.8
100	QPSK	270	0		21.28		
100	16QAM	1	1		21.20		21.8
100	64QAM	1	1		21.13		21.8
100	256QAM	1	1		20.28		20.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.25	21.26	21.23	21.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.20	21.22	21.21	21.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.26	21.22	21.26	21.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.20	21.26	21.25	21.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.25	21.23	21.20	21.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.22	21.20	21.25	21.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.23	21.20	21.20	21.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.24	21.21	21.27	21.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.26	21.24	21.27	21.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.26	21.21	21.27	21.8

<FR1 n78_HPUE_Ant 8_DSI 2
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.93		
100	PI/2 BPSK	1	137		24.80		26.6
100	PI/2 BPSK	1	271		24.90		
100	PI/2 BPSK	135	0		24.80		
100	PI/2 BPSK	135	69		24.87		26.5
100	PI/2 BPSK	135	138		24.86		26.5
100	PI/2 BPSK	270	0		24.85		
100	QPSK	1	1		24.80		
100	QPSK	1	137		24.90		26.6
100	QPSK	1	271		24.77		
100	QPSK	135	0		24.80		
100	QPSK	135	69		24.69		25.6
100	QPSK	135	138		24.76		26.6
100	QPSK	270	0		24.82		
100	16QAM	1	1		24.90		
100	64QAM	1	1		24.38		25.6
100	256QAM	1	1		22.23		24.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.76	24.78	24.78	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.66	24.70	24.71	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.63	24.65	24.65	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.64	24.61	24.60	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.65	24.62	24.65	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.62	24.66	24.61	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.60	24.60	24.67	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.60	24.62	24.60	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.56	24.62	24.61	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.62	24.68	24.60	

<FR1 n78_HPUE_Ant 8_DSI 2
(Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.84		24.8
100	PI/2 BPSK	1	137		23.75		
100	PI/2 BPSK	1	271		23.64		
100	PI/2 BPSK	135	0		23.65		24.8
100	PI/2 BPSK	135	69		23.79		24.8
100	PI/2 BPSK	135	138		23.69		24.8
100	PI/2 BPSK	270	0		23.66		
100	QPSK	1	1		23.65		24.8
100	QPSK	1	137		23.80		
100	QPSK	1	271		23.70		
100	QPSK	135	0		23.59		24.8
100	QPSK	135	69		23.63		24.8
100	QPSK	135	138		23.63		24.8
100	QPSK	270	0		23.76		
100	16QAM	1	1		23.66		24.8
100	64QAM	1	1		23.35		24.5
100	256QAM	1	1		21.52		22.2
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.74	23.76	23.68	24.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.69	23.63	23.64	24.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.62	23.62	23.61	24.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.63	23.70	23.62	24.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.62	23.66	23.66	24.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.62	23.64	23.67	24.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.68	23.61	23.62	24.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.65	23.68	23.60	24.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.65	23.62	23.70	24.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.64	23.62	23.64	24.8



<FR1 n78_Ant 8_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.27		23.6
100	PI/2 BPSK	1	137		23.20		
100	PI/2 BPSK	1	271		23.23		
100	PI/2 BPSK	135	0		23.05		23.6
100	PI/2 BPSK	135	69		23.09		23.6
100	PI/2 BPSK	135	138		23.01		23.6
100	PI/2 BPSK	270	0		23.17		
100	QPSK	1	1		23.17		23.6
100	QPSK	1	137		23.25		
100	QPSK	1	271		23.14		
100	QPSK	135	0		23.09		23.6
100	QPSK	135	69		23.24		23.6
100	QPSK	135	138		23.23		23.6
100	QPSK	270	0		23.09		
100	16QAM	1	1		23.20		23.6
100	64QAM	1	1		22.23		22.7
100	256QAM	1	1		20.13		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.16	23.07	23.13	23.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.98	22.88	22.98	23.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.00	22.88	22.93	23.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.02	22.91	23.03	23.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.02	22.89	22.99	23.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.01	22.96	23.00	23.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.04	22.88	22.93	23.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.01	22.96	23.02	23.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.00	22.92	22.97	23.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.02	22.95	22.95	23.6



<FR1 n78_Ant 9_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.40		22.0
100	PI/2 BPSK	1	137		21.35		
100	PI/2 BPSK	1	271		21.31		
100	PI/2 BPSK	135	0		21.28		22.0
100	PI/2 BPSK	135	69		21.35		22.0
100	PI/2 BPSK	135	138		21.37		22.0
100	PI/2 BPSK	270	0		21.33		
100	QPSK	1	1		21.35		22.0
100	QPSK	1	137		21.36		
100	QPSK	1	271		21.38		
100	QPSK	135	0		21.29		22.0
100	QPSK	135	69		21.36		22.0
100	QPSK	135	138		21.29		22.0
100	QPSK	270	0		21.28		
100	16QAM	1	1		21.31		22.0
100	64QAM	1	1		21.38		22.0
100	256QAM	1	1		19.53		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.34	21.31	21.38	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.15	21.18	21.20	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.20	21.15	21.25	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.20	21.19	21.18	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.16	21.15	21.21	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.21	21.15	21.20	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.17	21.12	21.23	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.14	21.11	21.26	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.17	21.16	21.22	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.15	21.21	21.21	22.0



<FR1 n78_Ant 4_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.34		22.0
100	PI/2 BPSK	1	137		21.25		
100	PI/2 BPSK	1	271		21.18		
100	PI/2 BPSK	135	0		21.14		22.0
100	PI/2 BPSK	135	69		21.18		22.0
100	PI/2 BPSK	135	138		21.14		22.0
100	PI/2 BPSK	270	0		21.21		
100	QPSK	1	1		21.22		22.0
100	QPSK	1	137		21.33		
100	QPSK	1	271		21.28		
100	QPSK	135	0		21.19		22.0
100	QPSK	135	69		21.17		22.0
100	QPSK	135	138		21.20		22.0
100	QPSK	270	0		21.17		
100	16QAM	1	1		21.30		22.0
100	64QAM	1	1		21.25		22.0
100	256QAM	1	1		20.21		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.19	21.23	21.24	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.07	21.09	21.11	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.09	21.10	21.06	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.09	21.08	21.04	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.09	21.08	21.11	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.05	21.03	21.05	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.09	21.12	21.11	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.03	21.11	21.10	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.00	21.06	21.14	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.03	21.06	21.12	22.0



<FR1 n78_Ant 3_DSI 2 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.80		22.0
100	PI/2 BPSK	1	137		20.65		
100	PI/2 BPSK	1	271		20.71		
100	PI/2 BPSK	135	0		20.48		22.0
100	PI/2 BPSK	135	69		20.51		22.0
100	PI/2 BPSK	135	138		20.62		22.0
100	PI/2 BPSK	270	0		20.64		
100	QPSK	1	1		20.51		22.0
100	QPSK	1	137		20.69		
100	QPSK	1	271		20.71		
100	QPSK	135	0		20.50		22.0
100	QPSK	135	69		20.58		22.0
100	QPSK	135	138		20.65		22.0
100	QPSK	270	0		20.65		
100	16QAM	1	1		20.64		22.0
100	64QAM	1	1		20.63		22.0
100	256QAM	1	1		19.60		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.51	20.58	20.53	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.59	20.54	20.60	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.51	20.51	20.54	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.60	20.60	20.60	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.56	20.60	20.55	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.54	20.56	20.54	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.57	20.50	20.58	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.56	20.54	20.57	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.51	20.57	20.53	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.51	20.50	20.60	22.0



<FR1 n78_Ant 8_DSI 2 (Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.29		21.8
100	PI/2 BPSK	1	137		21.16		
100	PI/2 BPSK	1	271		21.23		
100	PI/2 BPSK	135	0		21.14		21.8
100	PI/2 BPSK	135	69		21.18		21.8
100	PI/2 BPSK	135	138		21.17		21.8
100	PI/2 BPSK	270	0		21.16		
100	QPSK	1	1		21.28		21.8
100	QPSK	1	137		21.25		
100	QPSK	1	271		21.20		
100	QPSK	135	0		21.11		21.8
100	QPSK	135	69		21.14		21.8
100	QPSK	135	138		21.17		21.8
100	QPSK	270	0		21.15		
100	16QAM	1	1		21.21		21.8
100	64QAM	1	1		21.25		21.8
100	256QAM	1	1		20.16		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.12	21.10	21.06	21.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.09	21.13	21.09	21.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.14	21.13	21.06	21.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.14	21.08	21.12	21.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.07	21.11	21.08	21.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.06	21.15	21.08	21.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.06	21.13	21.15	21.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.06	21.14	21.06	21.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.13	21.08	21.11	21.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.14	21.06	21.15	21.8



<FR1 n78_HPUE_Ant 8_DSI 2
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.75		26.6
100	PI/2 BPSK	1	137		24.69		
100	PI/2 BPSK	1	271		24.68		
100	PI/2 BPSK	135	0		24.65		26.5
100	PI/2 BPSK	135	69		24.71		26.6
100	PI/2 BPSK	135	138		24.70		26.5
100	PI/2 BPSK	270	0		24.71		
100	QPSK	1	1		24.64		26.6
100	QPSK	1	137		24.73		
100	QPSK	1	271		24.74		
100	QPSK	135	0		24.68		25.6
100	QPSK	135	69		24.70		26.6
100	QPSK	135	138		24.74		25.6
100	QPSK	270	0		24.68		
100	16QAM	1	1		24.70		25.6
100	64QAM	1	1		24.27		24.5
100	256QAM	1	1		22.23		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.72	24.70	24.68	26.6
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.68	24.68	24.66	26.6
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.60	24.68	24.70	26.6
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.68	24.68	24.64	26.6
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.60	24.65	24.64	26.6
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.62	24.66	24.60	26.6
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.69	24.66	24.66	26.6
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.60	24.63	24.70	26.6
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.69	24.63	24.69	26.6
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.69	24.65	24.64	26.6



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n78_HPUE_Ant 8_DSI 2
(Wlan On)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.21		24.8
100	PI/2 BPSK	1	137		24.15		
100	PI/2 BPSK	1	271		24.11		
100	PI/2 BPSK	135	0		24.16		24.8
100	PI/2 BPSK	135	69		24.19		24.8
100	PI/2 BPSK	135	138		24.15		24.8
100	PI/2 BPSK	270	0		24.20		
100	QPSK	1	1		24.08		24.8
100	QPSK	1	137		24.19		
100	QPSK	1	271		24.13		
100	QPSK	135	0		24.14		24.8
100	QPSK	135	69		24.16		24.8
100	QPSK	135	138		24.19		24.8
100	QPSK	270	0		24.18		
100	16QAM	1	1		24.10		24.8
100	64QAM	1	1		24.03		24.5
100	256QAM	1	1		22.02		22.2
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.96	24.06	23.91	24.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.07	23.95	23.99	24.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.02	24.06	23.99	24.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.04	24.10	24.00	24.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.05	24.05	23.99	24.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.95	23.91	24.02	24.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.98	24.05	24.00	24.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.91	23.99	24.03	24.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.10	24.02	23.92	24.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.98	23.97	24.10	24.8

**Hotspot_DSI3**

Band		WCDMA II_Ant 1_DSI 3 (Wlan Off)			Tune-up Limit (dBm)	WCDMA IV_Ant 1_DSI 3 (Wlan Off)			Tune-up Limit (dBm)	WCDMA V_Ant 1_DSI 3 (Wlan Off)			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	22.14	22.55	22.67	23.60	21.56	21.52	21.66	21.70	24.68	24.58	24.49	25.20
3GPP Rel 6	HSDPA Subtest-1	21.00	21.33	21.45	22.60	19.48	19.70	19.52	20.70	23.66	23.69	23.42	24.20
3GPP Rel 6	HSDPA Subtest-2	21.04	21.30	21.51	22.60	19.34	19.56	19.56	20.70	23.63	23.63	23.41	24.20
3GPP Rel 6	HSDPA Subtest-3	20.51	20.85	20.99	22.10	20.37	20.56	19.94	20.70	23.12	23.15	22.88	23.70
3GPP Rel 6	HSDPA Subtest-4	20.49	20.81	20.96	22.10	20.40	20.60	19.98	20.70	23.14	23.17	23.02	23.70
3GPP Rel 8	DC-HSDPA Subtest-1	20.96	21.24	21.45	22.60	19.47	19.64	19.49	20.70	23.65	23.67	23.36	24.20
3GPP Rel 8	DC-HSDPA Subtest-2	21.03	21.25	21.45	22.60	19.26	19.46	19.54	20.70	23.60	23.50	23.27	24.20
3GPP Rel 8	DC-HSDPA Subtest-3	20.42	20.75	20.96	22.10	20.30	20.49	19.85	20.70	22.93	23.09	22.74	23.70
3GPP Rel 8	DC-HSDPA Subtest-4	20.48	20.73	20.96	22.10	20.35	20.53	19.96	20.70	22.98	23.05	22.86	23.70
3GPP Rel 6	HSUPA Subtest-1	20.95	21.26	21.46	22.60	20.68	20.67	20.68	20.70	23.65	23.63	23.42	24.20
3GPP Rel 6	HSUPA Subtest-2	18.99	19.32	19.47	20.60	18.88	19.04	19.07	19.70	21.71	21.65	21.39	22.20
3GPP Rel 6	HSUPA Subtest-3	19.99	20.33	20.38	21.60	19.81	20.01	20.09	20.70	22.63	22.62	22.35	23.20
3GPP Rel 6	HSUPA Subtest-4	18.98	19.27	19.49	20.60	18.83	18.99	19.10	19.70	21.66	21.56	21.37	22.20
3GPP Rel 6	HSUPA Subtest-5	21.00	21.20	21.50	22.60	20.50	20.60	20.60	20.70	23.60	23.60	23.40	24.20



<LTE Band 2_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	21.87	22.30	22.14	
20	QPSK	1	49	21.97	22.25	22.24	23.1
20	QPSK	1	99	22.02	22.26	22.24	
20	QPSK	50	0	21.08	21.30	21.29	
20	QPSK	50	24	21.15	21.27	21.30	22.1
20	QPSK	50	50	21.07	21.35	21.33	
20	QPSK	100	0	21.12	21.19	21.32	
20	16QAM	1	0	21.23	21.54	21.49	22.1
20	16QAM	1	49	21.37	21.68	21.63	
20	16QAM	1	99	21.42	21.55	21.55	
20	16QAM	50	0	20.05	20.26	20.27	21.1
20	16QAM	50	24	20.17	20.30	20.35	
20	16QAM	50	50	20.19	20.33	20.37	
20	16QAM	100	0	20.10	20.30	20.37	21.1
20	64QAM	1	0	20.11	20.44	20.42	
20	64QAM	1	49	20.26	20.54	20.51	
20	64QAM	1	99	20.32	20.47	20.27	20.1
20	64QAM	50	0	19.09	19.31	19.21	
20	64QAM	50	24	19.12	19.29	19.38	
20	64QAM	50	50	19.09	19.33	19.28	18.1
20	64QAM	100	0	19.19	19.31	19.37	
20	256QAM	1	0	17.18	17.25	17.38	
20	256QAM	1	49	17.22	17.46	17.42	18.1
20	256QAM	1	99	17.33	17.32	17.44	
20	256QAM	50	0	17.26	17.34	17.35	
20	256QAM	50	24	17.31	17.45	17.45	18.1
20	256QAM	50	50	17.34	17.40	17.49	
20	256QAM	100	0	17.31	17.43	17.47	
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	21.74	22.12	22.00	
15	QPSK	1	37	21.84	22.13	22.09	23.1
15	QPSK	1	74	21.91	22.08	22.07	
15	QPSK	36	0	20.88	21.15	21.09	
15	QPSK	36	20	21.02	21.07	21.11	22.1
15	QPSK	36	39	20.96	21.20	21.17	
15	QPSK	75	0	20.97	21.02	21.14	
15	16QAM	1	0	21.05	21.34	21.29	22.1
15	16QAM	1	37	21.24	21.54	21.53	
15	16QAM	1	74	21.26	21.36	21.42	
15	16QAM	36	0	19.87	20.11	20.13	21.1
15	16QAM	36	20	20.04	20.11	20.22	
15	16QAM	36	39	20.04	20.21	20.19	
15	16QAM	75	0	19.94	20.19	20.20	21.1
15	64QAM	1	0	19.96	20.26	20.23	
15	64QAM	1	37	20.08	20.44	20.33	
15	64QAM	1	74	20.18	20.35	20.13	20.1
15	64QAM	36	0	18.94	19.20	19.05	
15	64QAM	36	20	18.95	19.16	19.23	
15	64QAM	36	39	18.89	19.21	19.14	18.1
15	64QAM	75	0	19.08	19.21	19.21	
15	256QAM	1	0	17.00	17.05	17.27	
15	256QAM	1	37	17.05	17.32	17.26	18.1
15	256QAM	1	74	17.16	17.18	17.31	
15	256QAM	36	0	17.11	17.24	17.22	
15	256QAM	36	20	17.16	17.30	17.35	



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15	256QAM	36	39	17.24	17.26	17.37	Tune-up limit (dBm)
15	256QAM	75	0	17.16	17.32	17.32	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	21.73	22.13	22.00	23.1
10	QPSK	1	25	21.78	22.05	22.09	
10	QPSK	1	49	21.89	22.16	22.12	
10	QPSK	25	0	20.97	21.10	21.09	22.1
10	QPSK	25	12	20.97	21.15	21.15	
10	QPSK	25	25	20.90	21.15	21.16	
10	QPSK	50	0	21.01	21.07	21.18	
10	16QAM	1	0	21.13	21.43	21.32	22.1
10	16QAM	1	25	21.21	21.57	21.51	
10	16QAM	1	49	21.29	21.35	21.42	
10	16QAM	25	0	19.93	20.16	20.10	21.1
10	16QAM	25	12	20.07	20.17	20.25	
10	16QAM	25	25	20.02	20.17	20.18	
10	16QAM	50	0	19.91	20.19	20.26	
10	64QAM	1	0	19.99	20.28	20.28	21.1
10	64QAM	1	25	20.12	20.40	20.32	
10	64QAM	1	49	20.14	20.34	20.08	
10	64QAM	25	0	18.97	19.20	19.03	20.1
10	64QAM	25	12	18.99	19.13	19.22	
10	64QAM	25	25	18.99	19.18	19.17	
10	64QAM	50	0	19.09	19.11	19.19	
10	256QAM	1	0	16.99	17.06	17.19	18.1
10	256QAM	1	25	17.03	17.28	17.30	
10	256QAM	1	49	17.16	17.14	17.29	
10	256QAM	25	0	17.13	17.18	17.22	18.1
10	256QAM	25	12	17.20	17.29	17.29	
10	256QAM	25	25	17.23	17.30	17.37	
10	256QAM	50	0	17.21	17.26	17.28	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	21.77	22.12	21.96	23.1
5	QPSK	1	12	21.86	22.15	22.09	
5	QPSK	1	24	21.84	22.08	22.14	
5	QPSK	12	0	20.94	21.18	21.14	22.1
5	QPSK	12	7	21.00	21.13	21.17	
5	QPSK	12	13	20.93	21.25	21.16	
5	QPSK	25	0	20.96	21.02	21.21	
5	16QAM	1	0	21.07	21.38	21.31	22.1
5	16QAM	1	12	21.17	21.58	21.53	
5	16QAM	1	24	21.28	21.40	21.39	
5	16QAM	12	0	19.85	20.13	20.07	21.1
5	16QAM	12	7	20.06	20.14	20.25	
5	16QAM	12	13	20.05	20.19	20.24	
5	16QAM	25	0	19.93	20.20	20.26	
5	64QAM	1	0	20.00	20.24	20.30	21.1
5	64QAM	1	12	20.06	20.40	20.41	
5	64QAM	1	24	20.14	20.29	20.16	
5	64QAM	12	0	18.91	19.13	19.04	20.1
5	64QAM	12	7	18.95	19.13	19.26	
5	64QAM	12	13	18.92	19.18	19.11	
5	64QAM	25	0	19.03	19.19	19.23	
5	256QAM	1	0	17.05	17.11	17.18	18.1
5	256QAM	1	12	17.03	17.32	17.32	
5	256QAM	1	24	17.15	17.22	17.24	
5	256QAM	12	0	17.13	17.16	17.21	18.1
5	256QAM	12	7	17.12	17.30	17.25	
5	256QAM	12	13	17.17	17.27	17.38	
5	256QAM	25	0	17.13	17.24	17.29	



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Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	21.75	22.20	21.98	23.1
3	QPSK	1	8	21.80	22.12	22.07	
3	QPSK	1	14	21.87	22.08	22.11	
3	QPSK	8	0	20.92	21.20	21.14	22.1
3	QPSK	8	4	20.96	21.12	21.14	
3	QPSK	8	7	20.87	21.16	21.17	
3	QPSK	15	0	20.96	21.01	21.13	
3	16QAM	1	0	21.03	21.38	21.29	22.1
3	16QAM	1	8	21.21	21.54	21.47	
3	16QAM	1	14	21.26	21.39	21.43	
3	16QAM	8	0	19.94	20.09	20.16	21.1
3	16QAM	8	4	19.97	20.15	20.25	
3	16QAM	8	7	20.03	20.13	20.20	
3	16QAM	15	0	19.90	20.16	20.22	
3	64QAM	1	0	19.94	20.28	20.29	21.1
3	64QAM	1	8	20.10	20.35	20.41	
3	64QAM	1	14	20.17	20.33	20.14	
3	64QAM	8	0	18.91	19.21	19.01	20.1
3	64QAM	8	4	18.95	19.18	19.21	
3	64QAM	8	7	18.95	19.23	19.09	
3	64QAM	15	0	19.04	19.11	19.18	
3	256QAM	1	0	17.08	17.09	17.25	18.1
3	256QAM	1	8	17.04	17.29	17.32	
3	256QAM	1	14	17.16	17.21	17.32	
3	256QAM	8	0	17.12	17.15	17.17	18.1
3	256QAM	8	4	17.13	17.29	17.26	
3	256QAM	8	7	17.22	17.23	17.33	
3	256QAM	15	0	17.17	17.23	17.27	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	21.68	22.10	22.03	23.1
1.4	QPSK	1	3	21.82	22.06	22.05	
1.4	QPSK	1	5	21.92	22.16	22.06	
1.4	QPSK	3	0	21.57	21.94	21.93	
1.4	QPSK	3	1	21.64	21.86	21.86	
1.4	QPSK	3	3	21.73	21.96	21.87	
1.4	QPSK	6	0	21.10	21.14	21.16	22.1
1.4	16QAM	1	0	21.15	21.17	21.10	22.1
1.4	16QAM	1	3	21.16	21.15	21.19	
1.4	16QAM	1	5	20.99	21.00	21.18	
1.4	16QAM	3	0	21.10	21.44	21.30	
1.4	16QAM	3	1	21.21	21.58	21.47	
1.4	16QAM	3	3	21.26	21.45	21.36	21.1
1.4	16QAM	6	0	20.16	20.15	20.11	
1.4	64QAM	1	0	20.12	20.15	20.20	21.1
1.4	64QAM	1	3	20.11	20.19	20.18	
1.4	64QAM	1	5	19.93	20.13	20.23	
1.4	64QAM	3	0	19.97	20.32	20.30	
1.4	64QAM	3	1	20.08	20.34	20.40	
1.4	64QAM	3	3	20.21	20.31	20.11	
1.4	64QAM	6	0	19.15	19.21	19.30	20.1
1.4	256QAM	1	0	17.01	17.12	17.22	18.1
1.4	256QAM	1	3	17.04	17.32	17.25	
1.4	256QAM	1	5	17.18	17.13	17.32	
1.4	256QAM	3	0	17.09	17.21	17.15	
1.4	256QAM	3	1	17.12	17.33	17.34	
1.4	256QAM	3	3	17.22	17.29	17.33	18.1
1.4	256QAM	6	0	17.19	17.26	17.29	



<LTE Band 2_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	22.50	22.46	22.52	
20	QPSK	1	49	22.46	22.42	22.48	23.3
20	QPSK	1	99	22.46	22.42	22.48	
20	QPSK	50	0	21.48	21.44	21.50	22.3
20	QPSK	50	24	21.48	21.44	21.50	
20	QPSK	50	50	21.56	21.52	21.58	
20	QPSK	100	0	21.51	21.47	21.53	
20	16QAM	1	0	21.47	21.43	21.49	22.3
20	16QAM	1	49	21.66	21.62	21.68	
20	16QAM	1	99	21.44	21.40	21.46	
20	16QAM	50	0	20.49	20.46	20.51	
20	16QAM	50	24	20.50	20.47	20.52	21.3
20	16QAM	50	50	20.60	20.57	20.62	
20	16QAM	100	0	20.54	20.51	20.56	
20	64QAM	1	0	20.67	20.63	20.69	
20	64QAM	1	49	20.68	20.64	20.70	21.3
20	64QAM	1	99	20.62	20.59	20.64	
20	64QAM	50	0	19.51	19.48	19.53	
20	64QAM	50	24	19.50	19.47	19.52	20.3
20	64QAM	50	50	19.61	19.58	19.63	
20	64QAM	100	0	19.51	19.48	19.53	
20	256QAM	1	0	17.53	17.50	17.55	
20	256QAM	1	49	17.61	17.58	17.63	18.3
20	256QAM	1	99	17.71	17.68	17.73	
20	256QAM	50	0	17.56	17.53	17.58	
20	256QAM	50	24	17.59	17.56	17.61	18.3
20	256QAM	50	50	17.66	17.63	17.68	
20	256QAM	100	0	17.54	17.51	17.56	
Channel				18675	18900	19125	
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	22.48	22.45	22.51	
15	QPSK	1	37	22.38	22.34	22.40	23.3
15	QPSK	1	74	22.41	22.37	22.40	
15	QPSK	36	0	21.45	21.39	21.42	22.3
15	QPSK	36	20	21.39	21.34	21.45	
15	QPSK	36	39	21.50	21.50	21.57	
15	QPSK	75	0	21.44	21.42	21.52	
15	16QAM	1	0	21.45	21.34	21.48	22.3
15	16QAM	1	37	21.63	21.61	21.59	
15	16QAM	1	74	21.36	21.32	21.38	
15	16QAM	36	0	20.43	20.45	20.44	
15	16QAM	36	20	20.49	20.40	20.45	21.3
15	16QAM	36	39	20.54	20.54	20.55	
15	16QAM	75	0	20.53	20.48	20.47	
15	64QAM	1	0	20.58	20.61	20.67	
15	64QAM	1	37	20.58	20.60	20.60	21.3
15	64QAM	1	74	20.61	20.50	20.63	
15	64QAM	36	0	19.49	19.44	19.49	
15	64QAM	36	20	19.44	19.37	19.50	20.3
15	64QAM	36	39	19.55	19.54	19.61	
15	64QAM	75	0	19.49	19.39	19.51	
15	256QAM	1	0	17.52	17.43	17.50	
15	256QAM	1	37	17.55	17.57	17.61	18.3
15	256QAM	1	74	17.65	17.62	17.66	
15	256QAM	36	0	17.46	17.50	17.57	
15	256QAM	36	20	17.54	17.47	17.51	18.3



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15	256QAM	36	39	17.62	17.54	17.61	Tune-up limit (dBm)
15	256QAM	75	0	17.50	17.50	17.53	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	22.45	22.38	22.49	23.3
10	QPSK	1	25	22.36	22.38	22.46	
10	QPSK	1	49	22.36	22.37	22.47	
10	QPSK	25	0	21.40	21.35	21.49	22.3
10	QPSK	25	12	21.47	21.38	21.45	
10	QPSK	25	25	21.48	21.48	21.52	
10	QPSK	50	0	21.50	21.43	21.45	
10	16QAM	1	0	21.46	21.33	21.40	22.3
10	16QAM	1	25	21.62	21.52	21.65	
10	16QAM	1	49	21.39	21.30	21.40	
10	16QAM	25	0	20.44	20.43	20.43	21.3
10	16QAM	25	12	20.40	20.43	20.44	
10	16QAM	25	25	20.51	20.50	20.61	
10	16QAM	50	0	20.49	20.49	20.55	
10	64QAM	1	0	20.64	20.56	20.67	21.3
10	64QAM	1	25	20.60	20.61	20.60	
10	64QAM	1	49	20.58	20.56	20.56	
10	64QAM	25	0	19.48	19.39	19.52	20.3
10	64QAM	25	12	19.42	19.46	19.51	
10	64QAM	25	25	19.60	19.57	19.58	
10	64QAM	50	0	19.43	19.40	19.52	
10	256QAM	1	0	17.52	17.48	17.46	18.3
10	256QAM	1	25	17.55	17.55	17.59	
10	256QAM	1	49	17.66	17.63	17.71	
10	256QAM	25	0	17.48	17.44	17.56	18.3
10	256QAM	25	12	17.56	17.49	17.58	
10	256QAM	25	25	17.63	17.56	17.65	
10	256QAM	50	0	17.46	17.41	17.51	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	22.46	22.39	22.43	23.3
5	QPSK	1	12	22.43	22.39	22.40	
5	QPSK	1	24	22.44	22.35	22.41	
5	QPSK	12	0	21.46	21.42	21.42	22.3
5	QPSK	12	7	21.43	21.36	21.44	
5	QPSK	12	13	21.50	21.50	21.57	
5	QPSK	25	0	21.47	21.46	21.50	
5	16QAM	1	0	21.37	21.41	21.47	22.3
5	16QAM	1	12	21.65	21.60	21.61	
5	16QAM	1	24	21.35	21.33	21.43	
5	16QAM	12	0	20.46	20.37	20.44	21.3
5	16QAM	12	7	20.41	20.42	20.51	
5	16QAM	12	13	20.54	20.49	20.59	
5	16QAM	25	0	20.50	20.47	20.53	
5	64QAM	1	0	20.61	20.58	20.67	21.3
5	64QAM	1	12	20.64	20.56	20.69	
5	64QAM	1	24	20.54	20.49	20.61	
5	64QAM	12	0	19.43	19.42	19.52	20.3
5	64QAM	12	7	19.40	19.44	19.43	
5	64QAM	12	13	19.56	19.51	19.57	
5	64QAM	25	0	19.43	19.41	19.44	
5	256QAM	1	0	17.44	17.45	17.49	18.3
5	256QAM	1	12	17.56	17.52	17.54	
5	256QAM	1	24	17.61	17.61	17.68	
5	256QAM	12	0	17.50	17.43	17.51	18.3
5	256QAM	12	7	17.49	17.51	17.54	
5	256QAM	12	13	17.60	17.60	17.66	
5	256QAM	25	0	17.49	17.45	17.54	
Channel				18615	18900	19185	Tune-up limit



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Frequency (MHz)				1851.5	1880	1908.5	(dBm)
3	QPSK	1	0	22.47	22.42	22.49	23.3
3	QPSK	1	8	22.37	22.33	22.44	
3	QPSK	1	14	22.44	22.41	22.39	
3	QPSK	8	0	21.45	21.37	21.43	22.3
3	QPSK	8	4	21.46	21.39	21.46	
3	QPSK	8	7	21.49	21.47	21.55	
3	QPSK	15	0	21.44	21.43	21.52	
3	16QAM	1	0	21.38	21.41	21.43	22.3
3	16QAM	1	8	21.64	21.59	21.62	
3	16QAM	1	14	21.38	21.31	21.42	
3	16QAM	8	0	20.45	20.39	20.49	21.3
3	16QAM	8	4	20.48	20.41	20.44	
3	16QAM	8	7	20.53	20.52	20.61	
3	16QAM	15	0	20.49	20.42	20.51	
3	64QAM	1	0	20.65	20.55	20.59	21.3
3	64QAM	1	8	20.67	20.60	20.62	
3	64QAM	1	14	20.59	20.56	20.63	
3	64QAM	8	0	19.43	19.46	19.52	20.3
3	64QAM	8	4	19.49	19.44	19.48	
3	64QAM	8	7	19.60	19.57	19.58	
3	64QAM	15	0	19.42	19.42	19.47	
3	256QAM	1	0	17.43	17.40	17.46	18.3
3	256QAM	1	8	17.52	17.49	17.54	
3	256QAM	1	14	17.68	17.62	17.70	
3	256QAM	8	0	17.47	17.46	17.56	18.3
3	256QAM	8	4	17.51	17.54	17.52	
3	256QAM	8	7	17.63	17.56	17.66	
3	256QAM	15	0	17.45	17.45	17.55	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	22.42	22.38	22.44	23.3
1.4	QPSK	1	3	22.39	22.32	22.40	
1.4	QPSK	1	5	22.38	22.35	22.39	
1.4	QPSK	3	0	21.39	21.43	21.43	
1.4	QPSK	3	1	21.39	21.41	21.48	
1.4	QPSK	3	3	21.50	21.42	21.57	
1.4	QPSK	6	0	21.48	21.38	21.50	22.3
1.4	16QAM	1	0	21.43	21.40	21.42	22.3
1.4	16QAM	1	3	21.57	21.56	21.67	
1.4	16QAM	1	5	21.38	21.32	21.41	
1.4	16QAM	3	0	20.41	20.40	20.47	
1.4	16QAM	3	1	20.42	20.46	20.42	
1.4	16QAM	3	3	20.52	20.54	20.57	
1.4	16QAM	6	0	20.48	20.50	20.49	21.3
1.4	64QAM	1	0	20.66	20.55	20.61	21.3
1.4	64QAM	1	3	20.58	20.63	20.62	
1.4	64QAM	1	5	20.58	20.52	20.55	
1.4	64QAM	3	0	19.42	19.46	19.50	
1.4	64QAM	3	1	19.47	19.42	19.43	
1.4	64QAM	3	3	19.58	19.57	19.62	
1.4	64QAM	6	0	19.45	19.44	19.46	20.3
1.4	256QAM	1	0	17.52	17.45	17.54	18.3
1.4	256QAM	1	3	17.51	17.49	17.53	
1.4	256QAM	1	5	17.65	17.63	17.64	
1.4	256QAM	3	0	17.52	17.48	17.55	
1.4	256QAM	3	1	17.54	17.48	17.57	
1.4	256QAM	3	3	17.60	17.58	17.60	
1.4	256QAM	6	0	17.48	17.43	17.50	18.3



<LTE Band 4_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.82	20.10	20.05	21.7
20	QPSK	1	49	19.87	19.99	20.06	
20	QPSK	1	99	19.96	20.06	20.07	
20	QPSK	50	0	18.86	19.00	19.08	20.7
20	QPSK	50	24	18.97	19.01	19.09	
20	QPSK	50	50	18.99	19.07	19.16	
20	QPSK	100	0	18.96	19.01	19.18	
20	16QAM	1	0	19.17	19.23	19.38	20.7
20	16QAM	1	49	19.14	19.33	19.36	
20	16QAM	1	99	19.29	19.44	19.44	
20	16QAM	50	0	17.90	18.03	18.13	19.7
20	16QAM	50	24	17.99	18.03	18.14	
20	16QAM	50	50	17.98	18.11	18.19	
20	16QAM	100	0	17.95	18.02	18.18	
20	64QAM	1	0	18.09	18.12	18.21	19.7
20	64QAM	1	49	18.06	18.17	18.21	
20	64QAM	1	99	18.18	18.28	18.25	
20	64QAM	50	0	16.88	17.02	17.11	18.7
20	64QAM	50	24	16.99	17.06	17.14	
20	64QAM	50	50	16.97	17.09	17.17	
20	64QAM	100	0	16.97	17.04	17.19	
20	256QAM	1	0	16.29	16.32	16.37	16.7
20	256QAM	1	49	16.26	16.34	16.38	
20	256QAM	1	99	16.36	16.38	16.37	
20	256QAM	50	0	15.01	15.18	15.25	16.7
20	256QAM	50	24	15.17	15.21	15.28	
20	256QAM	50	50	15.07	15.27	15.28	
20	256QAM	100	0	15.13	15.14	15.30	
Channel				20025	20175	20325	
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.82	19.90	19.95	21.7
15	QPSK	1	37	19.72	19.84	19.90	
15	QPSK	1	74	19.86	19.87	19.88	
15	QPSK	36	0	18.70	18.80	18.90	20.7
15	QPSK	36	20	18.83	18.89	18.94	
15	QPSK	36	39	18.89	18.90	18.98	
15	QPSK	75	0	18.80	18.85	18.99	
15	16QAM	1	0	19.01	19.03	19.25	20.7
15	16QAM	1	37	18.96	19.19	19.17	
15	16QAM	1	74	19.11	19.26	19.30	
15	16QAM	36	0	17.71	17.83	17.97	19.7
15	16QAM	36	20	17.79	17.93	18.00	
15	16QAM	36	39	17.85	17.96	18.09	
15	16QAM	75	0	17.79	17.89	18.06	
15	64QAM	1	0	17.94	17.97	18.09	19.7
15	64QAM	1	37	17.88	17.99	18.05	
15	64QAM	1	74	18.01	18.09	18.06	
15	64QAM	36	0	16.75	16.87	17.00	18.7
15	64QAM	36	20	16.89	16.87	17.03	
15	64QAM	36	39	16.80	16.98	17.06	
15	64QAM	75	0	16.80	16.90	17.03	
15	256QAM	1	0	16.14	16.15	16.24	16.7
15	256QAM	1	37	16.16	16.19	16.26	
15	256QAM	1	74	16.16	16.26	16.21	
15	256QAM	36	0	14.84	14.99	15.13	16.7
15	256QAM	36	20	15.06	15.07	15.12	



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15	256QAM	36	39	14.96	15.12	15.10	
15	256QAM	75	0	14.98	14.96	15.10	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.74	19.95	19.91	21.7
10	QPSK	1	25	19.73	19.79	19.91	
10	QPSK	1	49	19.79	19.95	19.93	
10	QPSK	25	0	18.70	18.89	18.95	20.7
10	QPSK	25	12	18.87	18.89	18.92	
10	QPSK	25	25	18.87	18.97	18.98	
10	QPSK	50	0	18.83	18.86	18.99	
10	16QAM	1	0	19.07	19.10	19.24	20.7
10	16QAM	1	25	18.98	19.15	19.22	
10	16QAM	1	49	19.14	19.25	19.24	
10	16QAM	25	0	17.79	17.85	18.01	19.7
10	16QAM	25	12	17.82	17.88	17.97	
10	16QAM	25	25	17.78	17.97	18.02	
10	16QAM	50	0	17.85	17.85	17.98	
10	64QAM	1	0	17.99	17.98	18.06	19.7
10	64QAM	1	25	17.92	18.06	18.08	
10	64QAM	1	49	18.05	18.09	18.14	
10	64QAM	25	0	16.75	16.85	17.00	18.7
10	64QAM	25	12	16.84	16.87	16.95	
10	64QAM	25	25	16.87	16.95	17.07	
10	64QAM	50	0	16.84	16.93	17.00	
10	256QAM	1	0	16.10	16.18	16.23	16.7
10	256QAM	1	25	16.08	16.21	16.18	
10	256QAM	1	49	16.18	16.25	16.18	
10	256QAM	25	0	14.83	15.07	15.09	16.7
10	256QAM	25	12	15.04	15.10	15.10	
10	256QAM	25	25	14.96	15.09	15.10	
10	256QAM	50	0	14.99	14.97	15.11	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.74	19.95	19.91	21.7
5	QPSK	1	12	19.77	19.84	19.94	
5	QPSK	1	24	19.85	19.92	19.92	
5	QPSK	12	0	18.79	18.89	18.98	20.7
5	QPSK	12	7	18.82	18.84	18.97	
5	QPSK	12	13	18.89	18.97	19.00	
5	QPSK	25	0	18.76	18.84	18.98	
5	16QAM	1	0	19.01	19.04	19.25	20.7
5	16QAM	1	12	18.97	19.17	19.24	
5	16QAM	1	24	19.16	19.26	19.26	
5	16QAM	12	0	17.78	17.88	18.03	19.7
5	16QAM	12	7	17.82	17.92	17.95	
5	16QAM	12	13	17.81	17.95	18.04	
5	16QAM	25	0	17.76	17.88	17.99	
5	64QAM	1	0	17.99	17.95	18.09	19.7
5	64QAM	1	12	17.88	17.98	18.01	
5	64QAM	1	24	18.01	18.08	18.05	
5	64QAM	12	0	16.77	16.86	16.98	18.7
5	64QAM	12	7	16.81	16.92	16.96	
5	64QAM	12	13	16.82	16.93	16.97	
5	64QAM	25	0	16.86	16.89	17.02	
5	256QAM	1	0	16.12	16.13	16.23	16.7
5	256QAM	1	12	16.16	16.21	16.20	
5	256QAM	1	24	16.16	16.20	16.22	
5	256QAM	12	0	14.84	15.04	15.05	16.7
5	256QAM	12	7	15.07	15.05	15.10	
5	256QAM	12	13	14.96	15.09	15.12	
5	256QAM	25	0	15.02	14.97	15.10	
Channel				19965	20175	20385	Tune-up limit



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Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	19.75	19.92	19.93	21.7
3	QPSK	1	8	19.77	19.88	19.88	
3	QPSK	1	14	19.85	19.88	19.94	
3	QPSK	8	0	18.80	18.87	18.88	20.7
3	QPSK	8	4	18.86	18.83	18.99	
3	QPSK	8	7	18.84	18.94	19.02	
3	QPSK	15	0	18.84	18.88	19.06	20.7
3	16QAM	1	0	19.07	19.03	19.21	
3	16QAM	1	8	18.96	19.14	19.21	
3	16QAM	1	14	19.13	19.34	19.24	19.7
3	16QAM	8	0	17.78	17.92	18.01	
3	16QAM	8	4	17.80	17.89	18.01	
3	16QAM	8	7	17.79	17.96	18.00	19.7
3	16QAM	15	0	17.80	17.90	17.99	
3	64QAM	1	0	17.97	17.98	18.05	
3	64QAM	1	8	17.96	18.03	18.08	18.7
3	64QAM	1	14	18.02	18.18	18.14	
3	64QAM	8	0	16.80	16.89	16.94	
3	64QAM	8	4	16.83	16.87	16.96	16.7
3	64QAM	8	7	16.83	16.89	17.05	
3	64QAM	15	0	16.80	16.84	17.08	
3	256QAM	1	0	16.12	16.12	16.20	16.7
3	256QAM	1	8	16.13	16.23	16.23	
3	256QAM	1	14	16.26	16.23	16.20	
3	256QAM	8	0	14.82	15.08	15.12	16.7
3	256QAM	8	4	14.99	15.03	15.18	
3	256QAM	8	7	14.96	15.12	15.13	
3	256QAM	15	0	14.96	15.03	15.19	Tune-up limit (dBm)
Channel				19957	20175	20393	
Frequency (MHz)				1710.7	1732.5	1754.3	21.7
1.4	QPSK	1	0	19.78	19.99	19.95	
1.4	QPSK	1	3	19.77	19.80	19.88	
1.4	QPSK	1	5	19.84	19.86	19.88	20.7
1.4	QPSK	3	0	19.79	19.90	19.85	
1.4	QPSK	3	1	19.75	19.78	19.85	
1.4	QPSK	3	3	19.72	19.74	19.70	20.7
1.4	QPSK	6	0	18.76	18.86	18.91	
1.4	16QAM	1	0	18.87	18.81	18.95	
1.4	16QAM	1	3	18.79	18.88	19.04	19.7
1.4	16QAM	1	5	18.79	18.91	19.05	
1.4	16QAM	3	0	19.03	19.13	19.23	
1.4	16QAM	3	1	19.04	19.16	19.24	19.7
1.4	16QAM	3	3	19.15	19.29	19.34	
1.4	16QAM	6	0	17.78	17.84	18.03	
1.4	64QAM	1	0	17.79	17.85	17.96	18.7
1.4	64QAM	1	3	17.85	17.95	18.00	
1.4	64QAM	1	5	17.77	17.82	17.99	
1.4	64QAM	3	0	17.96	18.00	18.06	16.7
1.4	64QAM	3	1	17.88	18.02	18.01	
1.4	64QAM	3	3	18.04	18.09	18.11	
1.4	64QAM	6	0	16.76	16.85	17.01	16.7
1.4	256QAM	1	0	16.19	16.18	16.25	
1.4	256QAM	1	3	16.12	16.22	16.23	
1.4	256QAM	1	5	16.25	16.22	16.27	16.7
1.4	256QAM	3	0	14.83	15.02	15.14	
1.4	256QAM	3	1	14.97	15.11	15.15	
1.4	256QAM	3	3	14.95	15.13	15.08	16.7
1.4	256QAM	6	0	14.95	15.01	15.14	

**<LTE Band 4_Ant 5_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	22.13	22.28	22.62	
20	QPSK	1	49	21.99	22.21	22.49	23
20	QPSK	1	99	22.02	22.23	22.53	
20	QPSK	50	0	22.07	22.21	22.51	
20	QPSK	50	24	21.94	22.13	22.46	23
20	QPSK	50	50	21.98	22.15	22.43	
20	QPSK	100	0	21.97	22.21	22.49	
20	16QAM	1	0	21.97	22.09	22.48	23
20	16QAM	1	49	22.05	22.18	22.57	
20	16QAM	1	99	22.04	22.15	22.47	
20	16QAM	50	0	21.89	22.05	22.43	23
20	16QAM	50	24	21.98	22.16	22.49	
20	16QAM	50	50	21.94	22.12	22.43	
20	16QAM	100	0	21.92	22.08	22.47	23
20	64QAM	1	0	21.97	22.20	22.55	
20	64QAM	1	49	22.08	22.20	22.53	
20	64QAM	1	99	21.94	22.09	22.47	22
20	64QAM	50	0	20.86	20.95	21.34	
20	64QAM	50	24	20.87	21.04	21.34	
20	64QAM	50	50	21.00	21.10	21.41	20
20	64QAM	100	0	21.00	21.16	21.40	
20	256QAM	1	0	18.64	18.89	19.21	
20	256QAM	1	49	18.81	18.98	19.34	20
20	256QAM	1	99	18.93	19.05	19.45	
20	256QAM	50	0	18.94	19.05	19.46	
20	256QAM	50	24	18.96	19.07	19.41	20
20	256QAM	50	50	18.85	19.02	19.41	
20	256QAM	100	0	18.93	19.09	19.44	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	22.06	22.25	22.54	
15	QPSK	1	37	21.99	22.08	22.49	23
15	QPSK	1	74	22.01	22.13	22.53	
15	QPSK	36	0	22.02	22.08	22.50	
15	QPSK	36	20	21.85	22.05	22.37	23
15	QPSK	36	39	21.91	22.12	22.33	
15	QPSK	75	0	21.97	22.06	22.56	
15	16QAM	1	0	21.92	21.98	22.39	23
15	16QAM	1	37	22.02	22.10	22.46	
15	16QAM	1	74	21.95	22.16	22.48	
15	16QAM	36	0	21.85	22.00	22.38	23
15	16QAM	36	20	21.93	22.05	22.51	
15	16QAM	36	39	21.91	22.06	22.38	
15	16QAM	75	0	21.94	22.01	22.37	23
15	64QAM	1	0	22.02	22.17	22.42	
15	64QAM	1	37	21.99	22.17	22.45	
15	64QAM	1	74	21.93	21.97	22.40	22
15	64QAM	36	0	20.78	20.98	21.26	
15	64QAM	36	20	20.74	20.95	21.28	
15	64QAM	36	39	20.90	21.06	21.46	20
15	64QAM	75	0	20.86	21.07	21.40	
15	256QAM	1	0	18.62	18.80	19.12	
15	256QAM	1	37	18.78	18.92	19.28	20
15	256QAM	1	74	18.88	19.05	19.32	
15	256QAM	36	0	18.81	19.03	19.40	
15	256QAM	36	20	18.83	19.05	19.33	20



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15	256QAM	36	39	18.85	18.95	19.37	Tune-up limit (dBm)
15	256QAM	75	0	18.98	19.01	19.43	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	22.10	22.20	22.53	23
10	QPSK	1	25	21.90	22.13	22.47	
10	QPSK	1	49	21.94	22.22	22.49	
10	QPSK	25	0	21.99	22.17	22.50	23
10	QPSK	25	12	21.87	22.10	22.43	
10	QPSK	25	25	21.98	22.15	22.37	
10	QPSK	50	0	21.98	22.14	22.49	
10	16QAM	1	0	21.96	21.95	22.32	23
10	16QAM	1	25	21.98	22.14	22.42	
10	16QAM	1	49	21.91	22.12	22.42	
10	16QAM	25	0	21.88	22.05	22.32	23
10	16QAM	25	12	21.95	22.11	22.42	
10	16QAM	25	25	21.84	22.12	22.43	
10	16QAM	50	0	21.94	22.05	22.34	
10	64QAM	1	0	21.92	22.14	22.52	23
10	64QAM	1	25	21.96	22.14	22.51	
10	64QAM	1	49	21.87	22.09	22.33	
10	64QAM	25	0	20.77	20.91	21.22	22
10	64QAM	25	12	20.79	20.97	21.26	
10	64QAM	25	25	20.94	21.05	21.42	
10	64QAM	50	0	20.90	21.05	21.47	
10	256QAM	1	0	18.55	18.76	19.15	20
10	256QAM	1	25	18.73	18.84	19.24	
10	256QAM	1	49	18.84	18.99	19.39	
10	256QAM	25	0	18.88	19.05	19.33	20
10	256QAM	25	12	18.81	18.92	19.34	
10	256QAM	25	25	18.87	19.05	19.32	
10	256QAM	50	0	18.90	19.10	19.39	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	22.11	22.26	22.54	23
5	QPSK	1	12	21.94	22.13	22.43	
5	QPSK	1	24	22.01	22.13	22.51	
5	QPSK	12	0	22.06	22.20	22.42	23
5	QPSK	12	7	21.87	22.12	22.40	
5	QPSK	12	13	21.97	22.12	22.34	
5	QPSK	25	0	21.94	22.16	22.39	
5	16QAM	1	0	21.95	22.02	22.41	23
5	16QAM	1	12	22.03	22.17	22.54	
5	16QAM	1	24	22.02	22.07	22.40	
5	16QAM	12	0	21.88	21.97	22.41	23
5	16QAM	12	7	21.94	22.13	22.48	
5	16QAM	12	13	21.91	22.04	22.40	
5	16QAM	25	0	21.83	22.04	22.40	
5	64QAM	1	0	21.90	22.10	22.46	23
5	64QAM	1	12	22.06	22.19	22.43	
5	64QAM	1	24	21.91	22.00	22.45	
5	64QAM	12	0	20.81	20.89	21.33	22
5	64QAM	12	7	20.83	20.95	21.31	
5	64QAM	12	13	20.91	21.04	21.33	
5	64QAM	25	0	20.94	21.11	21.32	
5	256QAM	1	0	18.57	18.80	19.15	20
5	256QAM	1	12	18.74	18.95	19.29	
5	256QAM	1	24	18.85	19.02	19.37	
5	256QAM	12	0	18.87	19.02	19.37	20
5	256QAM	12	7	18.93	19.00	19.34	
5	256QAM	12	13	18.76	18.96	19.33	
5	256QAM	25	0	18.91	19.02	19.37	
Channel				19965	20175	20385	Tune-up limit



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Frequency (MHz)				1711.5	1732.5	1753.5	(dBm)
3	QPSK	1	0	22.10	22.26	22.57	23
3	QPSK	1	8	21.96	22.19	22.42	
3	QPSK	1	14	21.97	22.13	22.52	
3	QPSK	8	0	22.02	22.13	22.43	23
3	QPSK	8	4	21.85	22.05	22.39	
3	QPSK	8	7	21.93	22.11	22.35	
3	QPSK	15	0	21.93	22.20	22.46	
3	16QAM	1	0	21.88	22.04	22.42	23
3	16QAM	1	8	21.98	22.11	22.52	
3	16QAM	1	14	21.95	22.11	22.42	
3	16QAM	8	0	21.86	22.01	22.40	23
3	16QAM	8	4	21.97	22.14	22.42	
3	16QAM	8	7	21.91	22.02	22.39	
3	16QAM	15	0	21.84	22.06	22.43	
3	64QAM	1	0	21.87	22.17	22.54	23
3	64QAM	1	8	21.98	22.14	22.46	
3	64QAM	1	14	21.84	22.01	22.42	
3	64QAM	8	0	20.82	20.86	21.24	22
3	64QAM	8	4	20.85	20.96	21.24	
3	64QAM	8	7	20.92	21.03	21.39	
3	64QAM	15	0	20.90	21.08	21.36	
3	256QAM	1	0	18.58	18.81	19.20	20
3	256QAM	1	8	18.72	18.93	19.30	
3	256QAM	1	14	18.88	18.97	19.37	
3	256QAM	8	0	18.92	19.04	19.41	20
3	256QAM	8	4	18.93	19.01	19.35	
3	256QAM	8	7	18.78	19.00	19.37	
3	256QAM	15	0	18.92	19.00	19.40	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	22.07	22.20	22.53	23
1.4	QPSK	1	3	21.92	22.20	22.47	
1.4	QPSK	1	5	21.96	22.20	22.45	
1.4	QPSK	3	0	22.06	22.19	22.43	
1.4	QPSK	3	1	21.85	22.10	22.42	
1.4	QPSK	3	3	21.94	22.05	22.36	
1.4	QPSK	6	0	21.96	22.12	22.43	23
1.4	16QAM	1	0	21.89	22.07	22.44	23
1.4	16QAM	1	3	22.01	22.12	22.49	
1.4	16QAM	1	5	21.97	22.07	22.41	
1.4	16QAM	3	0	21.80	22.02	22.33	
1.4	16QAM	3	1	21.89	22.08	22.41	
1.4	16QAM	3	3	21.84	22.09	22.39	
1.4	16QAM	6	0	21.91	22.02	22.39	23
1.4	64QAM	1	0	21.87	22.19	22.45	23
1.4	64QAM	1	3	22.02	22.16	22.46	
1.4	64QAM	1	5	21.87	22.05	22.41	
1.4	64QAM	3	0	21.77	21.88	21.29	
1.4	64QAM	3	1	21.82	21.03	21.25	
1.4	64QAM	3	3	21.92	21.02	21.39	
1.4	64QAM	6	0	20.99	21.06	21.31	22
1.4	256QAM	1	0	18.60	18.88	19.14	20
1.4	256QAM	1	3	18.74	18.94	19.33	
1.4	256QAM	1	5	18.91	18.95	19.39	
1.4	256QAM	3	0	18.93	18.96	19.40	
1.4	256QAM	3	1	18.89	18.99	19.37	
1.4	256QAM	3	3	18.78	18.95	19.40	
1.4	256QAM	6	0	18.87	19.03	19.39	20

**<LTE Band 5_Ant 1_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	24.33	24.36	24.22	
10	QPSK	1	25	24.33	24.32	24.19	25.2
10	QPSK	1	49	24.31	24.17	24.04	
10	QPSK	25	0	23.39	23.40	23.31	
10	QPSK	25	12	23.43	23.34	23.24	24.2
10	QPSK	25	25	23.43	23.30	23.11	
10	QPSK	50	0	23.45	23.35	23.26	
10	16QAM	1	0	23.70	23.59	23.47	24.2
10	16QAM	1	25	23.59	23.60	23.44	
10	16QAM	1	49	23.58	23.50	23.30	
10	16QAM	25	0	22.39	22.35	22.27	23.2
10	16QAM	25	12	22.46	22.38	22.24	
10	16QAM	25	25	22.44	22.34	22.06	
10	16QAM	50	0	22.41	22.37	22.25	23.2
10	64QAM	1	0	22.61	22.64	22.49	
10	64QAM	1	25	22.66	22.60	22.42	
10	64QAM	1	49	22.50	22.44	22.22	22.2
10	64QAM	25	0	21.42	21.39	21.22	
10	64QAM	25	12	21.48	21.35	21.23	
10	64QAM	25	25	21.42	21.28	21.12	20.2
10	64QAM	50	0	21.43	21.35	21.23	
10	256QAM	1	0	19.45	19.49	19.45	
10	256QAM	1	25	19.60	19.64	19.33	20.2
10	256QAM	1	49	19.49	19.40	19.16	
10	256QAM	25	0	19.46	19.45	19.32	
10	256QAM	25	12	19.50	19.47	19.26	20.2
10	256QAM	25	25	19.48	19.41	19.16	
10	256QAM	50	0	19.54	19.43	19.29	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	24.20	24.23	24.07	
5	QPSK	1	12	24.21	24.20	24.02	25.2
5	QPSK	1	24	24.16	24.05	23.88	
5	QPSK	12	0	23.22	23.20	23.21	24.2
5	QPSK	12	7	23.31	23.24	23.13	
5	QPSK	12	13	23.25	23.10	22.96	
5	QPSK	25	0	23.31	23.21	23.06	24.2
5	16QAM	1	0	23.50	23.42	23.32	
5	16QAM	1	12	23.42	23.43	23.29	
5	16QAM	1	24	23.41	23.35	23.18	23.2
5	16QAM	12	0	22.22	22.24	22.08	
5	16QAM	12	7	22.36	22.20	22.04	
5	16QAM	12	13	22.24	22.18	21.95	23.2
5	16QAM	25	0	22.23	22.25	22.10	
5	64QAM	1	0	22.43	22.51	22.35	
5	64QAM	1	12	22.46	22.47	22.22	23.2
5	64QAM	1	24	22.38	22.31	22.11	
5	64QAM	12	0	21.25	21.24	21.02	
5	64QAM	12	7	21.32	21.17	21.12	22.2
5	64QAM	12	13	21.32	21.12	20.99	
5	64QAM	25	0	21.30	21.25	21.12	
5	256QAM	1	0	19.30	19.32	19.25	20.2
5	256QAM	1	12	19.42	19.48	19.19	
5	256QAM	1	24	19.36	19.20	19.03	
5	256QAM	12	0	19.34	19.30	19.14	20.2
5	256QAM	12	7	19.36	19.31	19.10	
5	256QAM	12	13	19.34	19.29	18.97	



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5	256QAM	25	0	19.38	19.29	19.11	Tune-up limit (dBm)
Channel				20415	20525	20635	
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	24.18	24.16	24.05	25.2
3	QPSK	1	8	24.13	24.22	24.04	
3	QPSK	1	14	24.16	24.06	23.85	
3	QPSK	8	0	23.21	23.26	23.18	24.2
3	QPSK	8	4	23.33	23.19	23.12	
3	QPSK	8	7	23.30	23.12	22.98	
3	QPSK	15	0	23.30	23.20	23.16	
3	16QAM	1	0	23.57	23.49	23.28	24.2
3	16QAM	1	8	23.49	23.48	23.32	
3	16QAM	1	14	23.44	23.35	23.14	
3	16QAM	8	0	22.25	22.19	22.17	23.2
3	16QAM	8	4	22.28	22.28	22.09	
3	16QAM	8	7	22.26	22.23	21.96	
3	16QAM	15	0	22.25	22.17	22.12	
3	64QAM	1	0	22.47	22.53	22.37	23.2
3	64QAM	1	8	22.46	22.40	22.26	
3	64QAM	1	14	22.32	22.27	22.09	
3	64QAM	8	0	21.29	21.28	21.11	22.2
3	64QAM	8	4	21.37	21.21	21.09	
3	64QAM	8	7	21.22	21.08	20.95	
3	64QAM	15	0	21.32	21.19	21.07	
3	256QAM	1	0	19.27	19.30	19.25	20.2
3	256QAM	1	8	19.41	19.45	19.22	
3	256QAM	1	14	19.39	19.25	19.00	
3	256QAM	8	0	19.27	19.27	19.15	20.2
3	256QAM	8	4	19.30	19.29	19.11	
3	256QAM	8	7	19.36	19.22	19.04	
3	256QAM	15	0	19.44	19.31	19.11	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	24.20	24.25	24.12	25.2
1.4	QPSK	1	3	24.22	24.12	24.03	
1.4	QPSK	1	5	24.12	24.02	23.94	
1.4	QPSK	3	0	24.09	24.08	23.94	
1.4	QPSK	3	1	24.02	23.99	23.87	
1.4	QPSK	3	3	24.00	23.88	23.81	
1.4	QPSK	6	0	23.29	23.25	23.18	24.2
1.4	16QAM	1	0	23.31	23.23	23.06	24.2
1.4	16QAM	1	3	23.24	23.13	22.98	
1.4	16QAM	1	5	23.26	23.21	23.09	
1.4	16QAM	3	0	23.51	23.48	23.30	
1.4	16QAM	3	1	23.47	23.49	23.32	
1.4	16QAM	3	3	23.40	23.40	23.13	
1.4	16QAM	6	0	22.27	22.16	22.17	23.2
1.4	64QAM	1	0	22.35	22.28	22.10	23.2
1.4	64QAM	1	3	22.26	22.24	21.93	
1.4	64QAM	1	5	22.24	22.23	22.11	
1.4	64QAM	3	0	22.49	22.52	22.30	
1.4	64QAM	3	1	22.52	22.49	22.32	
1.4	64QAM	3	3	22.36	22.34	22.06	
1.4	64QAM	6	0	21.26	21.27	21.07	22.2
1.4	256QAM	1	0	19.35	19.31	19.32	20.2
1.4	256QAM	1	3	19.43	19.50	19.19	
1.4	256QAM	1	5	19.32	19.25	19.03	
1.4	256QAM	3	0	19.27	19.29	19.19	
1.4	256QAM	3	1	19.38	19.33	19.10	
1.4	256QAM	3	3	19.36	19.25	19.01	
1.4	256QAM	6	0	19.41	19.31	19.13	20.2

**<LTE Band 7_Ant 5_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	23.61	23.51	23.30	
20	QPSK	1	49	23.58	23.48	23.25	23.9
20	QPSK	1	99	23.54	23.35	23.23	
20	QPSK	50	0	22.71	22.49	22.40	
20	QPSK	50	24	22.71	22.44	22.33	22.9
20	QPSK	50	50	22.62	22.42	22.25	
20	QPSK	100	0	22.67	22.47	22.35	
20	16QAM	1	0	22.90	22.79	22.74	22.9
20	16QAM	1	49	22.90	22.77	22.49	
20	16QAM	1	99	22.81	22.69	22.39	
20	16QAM	50	0	21.72	21.47	21.35	21.9
20	16QAM	50	24	21.71	21.50	21.35	
20	16QAM	50	50	21.62	21.45	21.23	
20	16QAM	100	0	21.68	21.47	21.34	21.9
20	64QAM	1	0	21.83	21.73	21.58	
20	64QAM	1	49	21.90	21.75	21.48	
20	64QAM	1	99	21.63	21.57	21.37	20.9
20	64QAM	50	0	20.68	20.49	20.33	
20	64QAM	50	24	20.67	20.43	20.33	
20	64QAM	50	50	20.63	20.41	20.26	18.9
20	64QAM	100	0	20.68	20.44	20.37	
20	256QAM	1	0	18.69	18.49	18.43	
20	256QAM	1	49	18.68	18.48	18.37	18.9
20	256QAM	1	99	18.67	18.41	18.22	
20	256QAM	50	0	18.72	18.52	18.38	18.9
20	256QAM	50	24	18.71	18.49	18.40	
20	256QAM	50	50	18.62	18.48	18.28	
20	256QAM	100	0	18.68	18.47	18.34	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	23.50	23.32	23.20	
15	QPSK	1	37	23.46	23.28	23.11	23.9
15	QPSK	1	74	23.44	23.19	23.10	
15	QPSK	36	0	22.61	22.33	22.22	22.9
15	QPSK	36	20	22.61	22.26	22.20	
15	QPSK	36	39	22.43	22.31	22.15	
15	QPSK	75	0	22.53	22.37	22.23	22.9
15	16QAM	1	0	22.71	22.64	22.54	
15	16QAM	1	37	22.70	22.64	22.32	
15	16QAM	1	74	22.71	22.56	22.19	21.9
15	16QAM	36	0	21.61	21.35	21.22	
15	16QAM	36	20	21.61	21.32	21.23	
15	16QAM	36	39	21.51	21.30	21.13	21.9
15	16QAM	75	0	21.56	21.32	21.22	
15	64QAM	1	0	21.64	21.59	21.45	
15	64QAM	1	37	21.80	21.59	21.38	21.9
15	64QAM	1	74	21.51	21.45	21.24	
15	64QAM	36	0	20.56	20.39	20.23	
15	64QAM	36	20	20.48	20.28	20.20	20.9
15	64QAM	36	39	20.51	20.21	20.16	
15	64QAM	75	0	20.50	20.28	20.20	
15	256QAM	1	0	18.56	18.32	18.32	18.9
15	256QAM	1	37	18.52	18.28	18.19	
15	256QAM	1	74	18.53	18.30	18.03	
15	256QAM	36	0	18.57	18.42	18.27	18.9
15	256QAM	36	20	18.54	18.39	18.25	
15	256QAM	36	39	18.47	18.34	18.14	



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15	256QAM	75	0	18.50	18.28	18.16	Tune-up limit (dBm)
Channel				20800	21100	21400	
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	23.46	23.35	23.10	23.9
10	QPSK	1	25	23.38	23.36	23.07	
10	QPSK	1	49	23.39	23.20	23.13	
10	QPSK	25	0	22.56	22.30	22.29	22.9
10	QPSK	25	12	22.52	22.29	22.23	
10	QPSK	25	25	22.47	22.27	22.07	
10	QPSK	50	0	22.54	22.37	22.15	
10	16QAM	1	0	22.80	22.66	22.55	22.9
10	16QAM	1	25	22.72	22.57	22.36	
10	16QAM	1	49	22.70	22.59	22.21	
10	16QAM	25	0	21.56	21.32	21.19	21.9
10	16QAM	25	12	21.53	21.38	21.22	
10	16QAM	25	25	21.50	21.26	21.04	
10	16QAM	50	0	21.53	21.36	21.23	
10	64QAM	1	0	21.70	21.61	21.43	21.9
10	64QAM	1	25	21.76	21.62	21.35	
10	64QAM	1	49	21.48	21.47	21.26	
10	64QAM	25	0	20.53	20.31	20.13	20.9
10	64QAM	25	12	20.56	20.28	20.13	
10	64QAM	25	25	20.52	20.29	20.10	
10	64QAM	50	0	20.54	20.24	20.24	
10	256QAM	1	0	18.49	18.36	18.32	18.9
10	256QAM	1	25	18.51	18.32	18.19	
10	256QAM	1	49	18.57	18.27	18.09	
10	256QAM	25	0	18.55	18.36	18.18	18.9
10	256QAM	25	12	18.51	18.30	18.20	
10	256QAM	25	25	18.49	18.33	18.09	
10	256QAM	50	0	18.49	18.37	18.24	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	23.51	23.40	23.13	23.9
5	QPSK	1	12	23.48	23.31	23.06	
5	QPSK	1	24	23.41	23.18	23.11	
5	QPSK	12	0	22.61	22.34	22.29	22.9
5	QPSK	12	7	22.59	22.30	22.19	
5	QPSK	12	13	22.45	22.23	22.15	
5	QPSK	25	0	22.56	22.32	22.19	
5	16QAM	1	0	22.72	22.66	22.63	22.9
5	16QAM	1	12	22.78	22.66	22.37	
5	16QAM	1	24	22.61	22.50	22.24	
5	16QAM	12	0	21.57	21.28	21.18	21.9
5	16QAM	12	7	21.57	21.37	21.15	
5	16QAM	12	13	21.51	21.29	21.13	
5	16QAM	25	0	21.57	21.37	21.15	
5	64QAM	1	0	21.63	21.58	21.38	21.9
5	64QAM	1	12	21.73	21.65	21.33	
5	64QAM	1	24	21.49	21.47	21.22	
5	64QAM	12	0	20.49	20.30	20.22	20.9
5	64QAM	12	7	20.51	20.27	20.16	
5	64QAM	12	13	20.53	20.31	20.06	
5	64QAM	25	0	20.53	20.29	20.27	
5	256QAM	1	0	18.56	18.31	18.29	18.9
5	256QAM	1	12	18.54	18.33	18.27	
5	256QAM	1	24	18.49	18.26	18.02	
5	256QAM	12	0	18.52	18.38	18.24	18.9
5	256QAM	12	7	18.58	18.29	18.24	
5	256QAM	12	13	18.42	18.33	18.13	
5	256QAM	25	0	18.53	18.27	18.24	



<LTE Band 12_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	23.80	23.88	23.85	
10	QPSK	1	25	23.82	23.86	23.80	25.2
10	QPSK	1	49	23.74	23.66	23.57	
10	QPSK	25	0	22.85	22.91	22.90	
10	QPSK	25	12	22.90	22.86	22.84	24.2
10	QPSK	25	25	22.86	22.81	22.70	
10	QPSK	50	0	22.90	22.83	22.84	
10	16QAM	1	0	23.10	23.13	23.03	24.2
10	16QAM	1	25	23.12	23.08	23.01	
10	16QAM	1	49	23.06	22.92	22.87	
10	16QAM	25	0	21.86	21.85	21.92	23.2
10	16QAM	25	12	21.91	21.88	21.89	
10	16QAM	25	25	21.88	21.81	21.72	
10	16QAM	50	0	21.91	21.80	21.83	23.2
10	64QAM	1	0	22.17	22.02	22.19	
10	64QAM	1	25	22.09	22.12	21.95	
10	64QAM	1	49	22.04	21.87	21.89	22.2
10	64QAM	25	0	20.85	20.85	20.90	
10	64QAM	25	12	20.94	20.87	20.91	
10	64QAM	25	25	20.87	20.81	20.69	20.2
10	64QAM	50	0	20.88	20.86	20.88	
10	256QAM	1	0	19.29	18.91	19.00	
10	256QAM	1	25	19.01	19.05	18.97	20.2
10	256QAM	1	49	18.97	18.85	18.80	
10	256QAM	25	0	19.02	18.86	18.94	
10	256QAM	25	12	18.91	18.95	18.91	20.2
10	256QAM	25	25	18.92	18.84	18.79	
10	256QAM	50	0	18.93	18.92	18.89	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.68	23.77	23.75	
5	QPSK	1	12	23.63	23.72	23.63	25.2
5	QPSK	1	24	23.55	23.55	23.38	
5	QPSK	12	0	22.75	22.78	22.74	
5	QPSK	12	7	22.70	22.67	22.74	24.2
5	QPSK	12	13	22.68	22.70	22.59	
5	QPSK	25	0	22.74	22.65	22.64	
5	16QAM	1	0	22.91	22.98	22.87	24.2
5	16QAM	1	12	22.92	22.93	22.82	
5	16QAM	1	24	22.94	22.82	22.77	
5	16QAM	12	0	21.76	21.75	21.80	23.2
5	16QAM	12	7	21.73	21.73	21.69	
5	16QAM	12	13	21.69	21.67	21.53	
5	16QAM	25	0	21.75	21.61	21.71	23.2
5	64QAM	1	0	22.06	21.85	22.06	
5	64QAM	1	12	21.98	21.95	21.76	
5	64QAM	1	24	21.86	21.77	21.73	22.2
5	64QAM	12	0	20.65	20.73	20.72	
5	64QAM	12	7	20.74	20.72	20.76	
5	64QAM	12	13	20.68	20.65	20.59	20.2
5	64QAM	25	0	20.71	20.76	20.68	
5	256QAM	1	0	19.13	18.74	18.80	
5	256QAM	1	12	18.90	18.93	18.84	20.2
5	256QAM	1	24	18.80	18.66	18.69	
5	256QAM	12	0	18.92	18.73	18.82	
5	256QAM	12	7	18.81	18.81	18.78	20.2
5	256QAM	12	13	18.74	18.72	18.61	



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5	256QAM	25	0	18.77	18.76	18.76	Tune-up limit (dBm)
Channel				23025	23095	23165	
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	23.67	23.75	23.68	25.2
3	QPSK	1	8	23.71	23.73	23.60	
3	QPSK	1	14	23.54	23.48	23.43	
3	QPSK	8	0	22.71	22.73	22.71	24.2
3	QPSK	8	4	22.79	22.69	22.65	
3	QPSK	8	7	22.75	22.65	22.50	
3	QPSK	15	0	22.77	22.72	22.67	24.2
3	16QAM	1	0	22.99	23.01	22.86	
3	16QAM	1	8	22.96	22.96	22.89	
3	16QAM	1	14	22.89	22.73	22.67	23.2
3	16QAM	8	0	21.71	21.66	21.75	
3	16QAM	8	4	21.80	21.68	21.78	
3	16QAM	8	7	21.73	21.69	21.57	23.2
3	16QAM	15	0	21.75	21.67	21.73	
3	64QAM	1	0	21.98	21.84	22.03	
3	64QAM	1	8	21.98	22.01	21.75	23.2
3	64QAM	1	14	21.94	21.73	21.70	
3	64QAM	8	0	20.73	20.68	20.78	22.2
3	64QAM	8	4	20.80	20.76	20.71	
3	64QAM	8	7	20.77	20.61	20.59	
3	64QAM	15	0	20.72	20.71	20.74	20.2
3	256QAM	1	0	19.18	18.76	18.84	
3	256QAM	1	8	18.85	18.88	18.87	
3	256QAM	1	14	18.87	18.73	18.68	20.2
3	256QAM	8	0	18.89	18.68	18.78	
3	256QAM	8	4	18.77	18.84	18.81	
3	256QAM	8	7	18.79	18.65	18.65	20.2
3	256QAM	15	0	18.74	18.80	18.73	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	23.60	23.68	23.69	25.2
1.4	QPSK	1	3	23.63	23.69	23.68	
1.4	QPSK	1	5	23.56	23.51	23.46	
1.4	QPSK	3	0	23.43	23.51	23.55	24.2
1.4	QPSK	3	1	23.49	23.52	23.48	
1.4	QPSK	3	3	23.40	23.35	23.31	
1.4	QPSK	6	0	22.75	22.75	22.79	24.2
1.4	16QAM	1	0	22.78	22.66	22.72	
1.4	16QAM	1	3	22.74	22.67	22.54	
1.4	16QAM	1	5	22.71	22.68	22.64	23.2
1.4	16QAM	3	0	22.97	22.98	22.89	
1.4	16QAM	3	1	23.00	22.91	22.89	
1.4	16QAM	3	3	22.95	22.76	22.71	23.2
1.4	16QAM	6	0	21.71	21.72	21.80	
1.4	64QAM	1	0	21.72	21.78	21.72	
1.4	64QAM	1	3	21.72	21.67	21.56	22.2
1.4	64QAM	1	5	21.74	21.61	21.71	
1.4	64QAM	3	0	21.98	21.85	22.09	
1.4	64QAM	3	1	21.92	22.00	21.75	20.2
1.4	64QAM	3	3	21.94	21.76	21.73	
1.4	64QAM	6	0	20.69	20.72	20.70	
1.4	256QAM	1	0	19.17	18.72	18.87	20.2
1.4	256QAM	1	3	18.87	18.95	18.84	
1.4	256QAM	1	5	18.78	18.67	18.61	
1.4	256QAM	3	0	18.91	18.75	18.76	20.2
1.4	256QAM	3	1	18.81	18.80	18.73	
1.4	256QAM	3	3	18.75	18.64	18.60	
1.4	256QAM	6	0	18.76	18.73	18.72	20.2

**<LTE Band 13_Ant 1_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23230			
Frequency (MHz)				782			
10	QPSK	1	0		23.78		25.2
10	QPSK	1	25		23.72		
10	QPSK	1	49		23.57		
10	QPSK	25	0		22.70		24.2
10	QPSK	25	12		22.79		
10	QPSK	25	25		22.77		
10	QPSK	50	0		22.88		24.2
10	16QAM	1	0		23.00		
10	16QAM	1	25		23.10		
10	16QAM	1	49		22.85		23.2
10	16QAM	25	0		21.72		
10	16QAM	25	12		21.84		
10	16QAM	25	25		21.79		23.2
10	16QAM	50	0		21.86		
10	64QAM	1	0		21.89		
10	64QAM	1	25		22.00		23.2
10	64QAM	1	49		21.82		
10	64QAM	25	0		20.72		
10	64QAM	25	12		20.88		22.2
10	64QAM	25	25		20.78		
10	64QAM	50	0		20.85		
10	256QAM	1	0		18.82		20.2
10	256QAM	1	25		18.94		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.80		20.2
10	256QAM	25	12		18.92		
10	256QAM	25	25		18.92		
10	256QAM	50	0		18.96		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	23.65	23.65	23.67	25.2
5	QPSK	1	12	23.52	23.56	23.62	
5	QPSK	1	24	23.40	23.44	23.45	
5	QPSK	12	0	22.55	22.58	22.60	24.2
5	QPSK	12	7	22.69	22.66	22.63	
5	QPSK	12	13	22.57	22.59	22.67	
5	QPSK	25	0	22.73	22.70	22.72	24.2
5	16QAM	1	0	22.81	22.84	22.81	
5	16QAM	1	12	22.94	22.93	22.96	
5	16QAM	1	24	22.75	22.70	22.75	23.2
5	16QAM	12	0	21.52	21.57	21.57	
5	16QAM	12	7	21.70	21.66	21.70	
5	16QAM	12	13	21.65	21.66	21.69	23.2
5	16QAM	25	0	21.67	21.74	21.73	
5	64QAM	1	0	21.79	21.78	21.76	
5	64QAM	1	12	21.80	21.88	21.83	23.2
5	64QAM	1	24	21.66	21.72	21.72	
5	64QAM	12	0	20.58	20.55	20.60	
5	64QAM	12	7	20.77	20.72	20.77	22.2
5	64QAM	12	13	20.62	20.65	20.68	
5	64QAM	25	0	20.66	20.72	20.67	
5	256QAM	1	0	18.65	18.64	18.72	20.2
5	256QAM	1	12	18.78	18.82	18.79	
5	256QAM	1	24	18.70	18.61	18.71	
5	256QAM	12	0	18.65	18.69	18.67	20.2
5	256QAM	12	7	18.74	18.80	18.82	
5	256QAM	12	13	18.72	18.78	18.76	
5	256QAM	25	0	18.76	18.85	18.81	



<LTE Band 14_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		23.80		25.2
10	QPSK	1	25		23.69		
10	QPSK	1	49		23.68		
10	QPSK	25	0		22.74		24.2
10	QPSK	25	12		22.78		
10	QPSK	25	25		22.77		
10	QPSK	50	0		22.72		24.2
10	16QAM	1	0		22.92		
10	16QAM	1	25		23.11		
10	16QAM	1	49		23.01		23.2
10	16QAM	25	0		21.79		
10	16QAM	25	12		21.78		
10	16QAM	25	25		21.79		23.2
10	16QAM	50	0		21.73		
10	64QAM	1	0		21.96		
10	64QAM	1	25		22.05		23.2
10	64QAM	1	49		21.89		
10	64QAM	25	0		20.75		
10	64QAM	25	12		20.76		22.2
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.75		
10	256QAM	1	0		18.85		20.2
10	256QAM	1	25		18.90		
10	256QAM	1	49		18.84		
10	256QAM	25	0		18.79		20.2
10	256QAM	25	12		18.84		
10	256QAM	25	25		18.88		
10	256QAM	50	0		18.84		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.70	23.67	23.64	25.2
5	QPSK	1	12	23.58	23.57	23.56	
5	QPSK	1	24	23.54	23.50	23.50	
5	QPSK	12	0	22.57	22.62	22.54	24.2
5	QPSK	12	7	22.60	22.66	22.65	
5	QPSK	12	13	22.64	22.61	22.67	
5	QPSK	25	0	22.54	22.61	22.57	24.2
5	16QAM	1	0	22.81	22.72	22.80	
5	16QAM	1	12	23.01	22.97	23.00	
5	16QAM	1	24	22.85	22.88	22.89	24.2
5	16QAM	12	0	21.61	21.61	21.65	
5	16QAM	12	7	21.58	21.60	21.60	
5	16QAM	12	13	21.65	21.63	21.61	23.2
5	16QAM	25	0	21.58	21.59	21.54	
5	64QAM	1	0	21.84	21.78	21.83	
5	64QAM	1	12	21.87	21.94	21.85	23.2
5	64QAM	1	24	21.77	21.70	21.74	
5	64QAM	12	0	20.56	20.58	20.62	
5	64QAM	12	7	20.65	20.66	20.56	22.2
5	64QAM	12	13	20.63	20.68	20.68	
5	64QAM	25	0	20.65	20.61	20.62	
5	256QAM	1	0	18.71	18.70	18.66	20.2
5	256QAM	1	12	18.70	18.74	18.79	
5	256QAM	1	24	18.65	18.67	18.68	
5	256QAM	12	0	18.67	18.60	18.62	20.2
5	256QAM	12	7	18.74	18.66	18.68	
5	256QAM	12	13	18.71	18.74	18.68	
5	256QAM	25	0	18.66	18.66	18.66	

**<LTE Band 17_Ant 1_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	23.76	23.75	23.77	
10	QPSK	1	25	23.75	23.71	23.76	25.2
10	QPSK	1	49	23.65	23.65	23.63	
10	QPSK	25	0	22.86	22.86	22.84	
10	QPSK	25	12	22.91	22.86	22.80	24.2
10	QPSK	25	25	22.86	22.79	22.76	
10	QPSK	50	0	22.80	22.84	22.82	
10	16QAM	1	0	23.10	22.98	23.09	24.2
10	16QAM	1	25	23.14	23.12	23.14	
10	16QAM	1	49	22.88	22.92	22.83	
10	16QAM	25	0	21.84	21.85	21.86	23.2
10	16QAM	25	12	21.96	21.86	21.85	
10	16QAM	25	25	21.86	21.79	21.74	
10	16QAM	50	0	21.81	21.83	21.83	23.2
10	64QAM	1	0	22.02	21.96	22.08	
10	64QAM	1	25	22.06	22.20	22.14	
10	64QAM	1	49	21.95	21.90	21.83	22.2
10	64QAM	25	0	20.83	20.90	20.87	
10	64QAM	25	12	20.93	20.84	20.87	
10	64QAM	25	25	20.88	20.74	20.76	20.2
10	64QAM	50	0	20.85	20.82	20.84	
10	256QAM	1	0	18.89	18.86	18.90	
10	256QAM	1	25	18.99	18.94	19.04	20.2
10	256QAM	1	49	18.77	18.81	18.72	
10	256QAM	25	0	18.86	18.91	18.79	
10	256QAM	25	12	18.95	18.92	18.88	20.2
10	256QAM	25	25	18.87	18.81	18.83	
10	256QAM	50	0	18.87	18.83	18.83	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.62	23.55	23.59	
5	QPSK	1	12	23.58	23.51	23.63	25.2
5	QPSK	1	24	23.54	23.55	23.46	
5	QPSK	12	0	22.69	22.69	22.71	
5	QPSK	12	7	22.80	22.66	22.62	24.2
5	QPSK	12	13	22.72	22.61	22.56	
5	QPSK	25	0	22.62	22.72	22.71	
5	16QAM	1	0	22.96	22.79	22.92	24.2
5	16QAM	1	12	23.00	23.00	23.01	
5	16QAM	1	24	22.72	22.72	22.70	
5	16QAM	12	0	21.64	21.69	21.66	23.2
5	16QAM	12	7	21.83	21.67	21.72	
5	16QAM	12	13	21.66	21.69	21.59	
5	16QAM	25	0	21.71	21.67	21.66	23.2
5	64QAM	1	0	21.92	21.79	21.92	
5	64QAM	1	12	21.94	22.09	22.02	
5	64QAM	1	24	21.84	21.76	21.70	22.2
5	64QAM	12	0	20.66	20.75	20.74	
5	64QAM	12	7	20.73	20.68	20.71	
5	64QAM	12	13	20.74	20.59	20.60	20.2
5	64QAM	25	0	20.69	20.66	20.73	
5	256QAM	1	0	18.69	18.66	18.75	
5	256QAM	1	12	18.79	18.84	18.86	20.2
5	256QAM	1	24	18.65	18.64	18.54	
5	256QAM	12	0	18.66	18.75	18.64	
5	256QAM	12	7	18.81	18.82	18.76	20.2
5	256QAM	12	13	18.73	18.69	18.72	
5	256QAM	25	0	18.68	18.64	18.64	



<LTE Band 25_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.19	22.41	22.33	
20	QPSK	1	49	22.22	22.36	22.38	23.1
20	QPSK	1	99	22.16	22.35	22.36	
20	QPSK	50	0	21.31	21.47	21.44	
20	QPSK	50	24	21.30	21.43	21.39	22.1
20	QPSK	50	50	21.25	21.46	21.43	
20	QPSK	100	0	21.30	21.40	21.37	
20	16QAM	1	0	21.58	21.65	21.62	22.1
20	16QAM	1	49	21.52	21.78	21.67	
20	16QAM	1	99	21.55	21.68	21.63	
20	16QAM	50	0	20.25	20.43	20.37	21.1
20	16QAM	50	24	20.34	20.45	20.39	
20	16QAM	50	50	20.32	20.48	20.45	
20	16QAM	100	0	20.31	20.42	20.38	21.1
20	64QAM	1	0	20.40	20.59	20.54	
20	64QAM	1	49	20.39	20.68	20.63	
20	64QAM	1	99	20.37	20.56	20.57	20.1
20	64QAM	50	0	19.23	19.42	19.39	
20	64QAM	50	24	19.31	19.45	19.40	
20	64QAM	50	50	19.30	19.47	19.46	18.1
20	64QAM	100	0	19.32	19.43	19.39	
20	256QAM	1	0	17.97	17.93	18.09	
20	256QAM	1	49	17.99	18.00	18.03	18.1
20	256QAM	1	99	17.89	18.06	18.10	
20	256QAM	50	0	16.80	16.92	16.89	
20	256QAM	50	24	16.83	16.96	17.00	18.1
20	256QAM	50	50	16.88	17.06	17.03	
20	256QAM	100	0	16.87	17.01	16.96	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.09	22.22	22.17	
15	QPSK	1	37	22.11	22.19	22.25	23.1
15	QPSK	1	74	22.00	22.20	22.24	
15	QPSK	36	0	21.20	21.32	21.28	22.1
15	QPSK	36	20	21.17	21.32	21.27	
15	QPSK	36	39	21.10	21.27	21.33	
15	QPSK	75	0	21.16	21.27	21.27	22.1
15	16QAM	1	0	21.44	21.47	21.42	
15	16QAM	1	37	21.35	21.64	21.53	
15	16QAM	1	74	21.35	21.52	21.49	21.1
15	16QAM	36	0	20.08	20.27	20.18	
15	16QAM	36	20	20.17	20.31	20.23	
15	16QAM	36	39	20.16	20.32	20.29	21.1
15	16QAM	75	0	20.15	20.28	20.20	
15	64QAM	1	0	20.21	20.39	20.39	
15	64QAM	1	37	20.22	20.51	20.47	20.1
15	64QAM	1	74	20.23	20.36	20.44	
15	64QAM	36	0	19.05	19.31	19.23	
15	64QAM	36	20	19.14	19.27	19.25	18.1
15	64QAM	36	39	19.20	19.35	19.27	
15	64QAM	75	0	19.18	19.24	19.21	
15	256QAM	1	0	17.87	17.74	17.90	18.1
15	256QAM	1	37	17.82	17.87	17.90	
15	256QAM	1	74	17.70	17.92	17.95	
15	256QAM	36	0	16.70	16.75	16.76	18.1
15	256QAM	36	20	16.64	16.76	16.80	



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15	256QAM	36	39	16.68	16.90	16.85	Tune-up limit (dBm)
15	256QAM	75	0	16.68	16.81	16.86	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.07	22.24	22.19	23.1
10	QPSK	1	25	22.12	22.21	22.27	
10	QPSK	1	49	21.96	22.19	22.18	
10	QPSK	25	0	21.13	21.32	21.30	22.1
10	QPSK	25	12	21.19	21.24	21.27	
10	QPSK	25	25	21.15	21.34	21.24	
10	QPSK	50	0	21.12	21.28	21.22	
10	16QAM	1	0	21.40	21.46	21.52	22.1
10	16QAM	1	25	21.40	21.67	21.56	
10	16QAM	1	49	21.35	21.51	21.51	
10	16QAM	25	0	20.12	20.33	20.26	21.1
10	16QAM	25	12	20.24	20.29	20.28	
10	16QAM	25	25	20.18	20.38	20.29	
10	16QAM	50	0	20.18	20.27	20.22	
10	64QAM	1	0	20.21	20.48	20.44	21.1
10	64QAM	1	25	20.22	20.55	20.49	
10	64QAM	1	49	20.20	20.42	20.37	
10	64QAM	25	0	19.13	19.31	19.26	20.1
10	64QAM	25	12	19.14	19.31	19.21	
10	64QAM	25	25	19.17	19.37	19.34	
10	64QAM	50	0	19.21	19.25	19.24	
10	256QAM	1	0	17.84	17.75	17.96	18.1
10	256QAM	1	25	17.79	17.83	17.85	
10	256QAM	1	49	17.69	17.91	17.94	
10	256QAM	25	0	16.66	16.73	16.78	18.1
10	256QAM	25	12	16.67	16.81	16.82	
10	256QAM	25	25	16.78	16.90	16.92	
10	256QAM	50	0	16.70	16.83	16.80	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.02	22.23	22.20	23.1
5	QPSK	1	12	22.04	22.22	22.18	
5	QPSK	1	24	22.06	22.20	22.26	
5	QPSK	12	0	21.14	21.35	21.28	22.1
5	QPSK	12	7	21.11	21.33	21.24	
5	QPSK	12	13	21.07	21.26	21.32	
5	QPSK	25	0	21.11	21.20	21.27	
5	16QAM	1	0	21.48	21.48	21.52	22.1
5	16QAM	1	12	21.33	21.66	21.55	
5	16QAM	1	24	21.40	21.52	21.45	
5	16QAM	12	0	20.05	20.26	20.18	21.1
5	16QAM	12	7	20.15	20.32	20.21	
5	16QAM	12	13	20.18	20.29	20.35	
5	16QAM	25	0	20.19	20.29	20.28	
5	64QAM	1	0	20.26	20.40	20.44	21.1
5	64QAM	1	12	20.25	20.52	20.52	
5	64QAM	1	24	20.20	20.42	20.43	
5	64QAM	12	0	19.12	19.31	19.29	20.1
5	64QAM	12	7	19.19	19.25	19.27	
5	64QAM	12	13	19.10	19.27	19.32	
5	64QAM	25	0	19.18	19.25	19.19	
5	256QAM	1	0	17.81	17.80	17.96	18.1
5	256QAM	1	12	17.79	17.80	17.87	
5	256QAM	1	24	17.70	17.96	17.95	
5	256QAM	12	0	16.63	16.74	16.76	18.1
5	256QAM	12	7	16.70	16.82	16.88	
5	256QAM	12	13	16.76	16.91	16.91	
5	256QAM	25	0	16.76	16.86	16.77	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.04	22.30	22.23	23.1
3	QPSK	1	8	22.03	22.26	22.25	
3	QPSK	1	14	22.06	22.17	22.17	
3	QPSK	8	0	21.11	21.30	21.24	22.1
3	QPSK	8	4	21.12	21.32	21.25	
3	QPSK	8	7	21.12	21.36	21.28	
3	QPSK	15	0	21.15	21.27	21.22	
3	16QAM	1	0	21.41	21.50	21.48	22.1
3	16QAM	1	8	21.39	21.61	21.52	
3	16QAM	1	14	21.45	21.52	21.48	
3	16QAM	8	0	20.08	20.26	20.18	21.1
3	16QAM	8	4	20.18	20.26	20.28	
3	16QAM	8	7	20.21	20.34	20.32	
3	16QAM	15	0	20.19	20.30	20.24	
3	64QAM	1	0	20.22	20.43	20.42	21.1
3	64QAM	1	8	20.28	20.49	20.43	
3	64QAM	1	14	20.27	20.38	20.46	
3	64QAM	8	0	19.08	19.27	19.26	20.1
3	64QAM	8	4	19.21	19.35	19.22	
3	64QAM	8	7	19.19	19.27	19.36	
3	64QAM	15	0	19.17	19.33	19.27	
3	256QAM	1	0	17.79	17.74	17.98	18.1
3	256QAM	1	8	17.83	17.86	17.86	
3	256QAM	1	14	17.71	17.90	17.97	
3	256QAM	8	0	16.64	16.78	16.73	18.1
3	256QAM	8	4	16.71	16.85	16.81	
3	256QAM	8	7	16.71	16.94	16.85	
3	256QAM	15	0	16.73	16.89	16.86	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.03	22.23	22.22	23.1
1.4	QPSK	1	3	22.11	22.24	22.21	
1.4	QPSK	1	5	21.99	22.20	22.16	
1.4	QPSK	3	0	21.84	22.07	22.06	
1.4	QPSK	3	1	21.95	22.07	22.09	
1.4	QPSK	3	3	21.86	22.09	22.02	
1.4	QPSK	6	0	21.12	21.36	21.31	22.1
1.4	16QAM	1	0	21.15	21.33	21.29	22.1
1.4	16QAM	1	3	21.14	21.32	21.27	
1.4	16QAM	1	5	21.12	21.23	21.24	
1.4	16QAM	3	0	21.46	21.48	21.48	
1.4	16QAM	3	1	21.33	21.67	21.57	
1.4	16QAM	3	3	21.42	21.48	21.51	
1.4	16QAM	6	0	20.16	20.33	20.25	21.1
1.4	64QAM	1	0	20.23	20.28	20.27	21.1
1.4	64QAM	1	3	20.16	20.36	20.25	
1.4	64QAM	1	5	20.17	20.20	20.25	
1.4	64QAM	3	0	20.26	20.40	20.35	
1.4	64QAM	3	1	20.27	20.49	20.51	
1.4	64QAM	3	3	20.26	20.39	20.44	
1.4	64QAM	6	0	19.10	19.23	19.24	20.1
1.4	256QAM	1	0	17.78	17.81	17.94	18.1
1.4	256QAM	1	3	17.79	17.89	17.86	
1.4	256QAM	1	5	17.76	17.96	17.95	
1.4	256QAM	3	0	16.63	16.73	16.79	
1.4	256QAM	3	1	16.68	16.85	16.84	
1.4	256QAM	3	3	16.78	16.95	16.92	
1.4	256QAM	6	0	16.67	16.81	16.86	18.1



<LTE Band 25_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	22.89	22.84	22.83	
20	QPSK	1	49	22.83	22.79	22.73	23.3
20	QPSK	1	99	22.73	22.74	22.73	
20	QPSK	50	0	22.85	22.75	22.73	
20	QPSK	50	24	22.77	22.75	22.71	23.3
20	QPSK	50	50	22.83	22.75	22.75	
20	QPSK	100	0	22.82	22.83	22.81	
20	16QAM	1	0	22.81	22.72	22.73	23.3
20	16QAM	1	49	22.80	22.71	22.74	
20	16QAM	1	99	22.77	22.73	22.70	
20	16QAM	50	0	22.26	22.16	22.23	23.2
20	16QAM	50	24	22.40	22.30	22.26	
20	16QAM	50	50	22.37	22.28	22.30	
20	16QAM	100	0	22.32	22.22	22.30	23.2
20	64QAM	1	0	22.45	22.31	22.35	
20	64QAM	1	49	22.42	22.35	22.36	
20	64QAM	1	99	22.41	22.27	22.34	22.2
20	64QAM	50	0	21.19	21.06	21.08	
20	64QAM	50	24	21.25	21.21	21.19	
20	64QAM	50	50	21.16	21.13	21.13	20.2
20	64QAM	100	0	21.24	21.17	21.24	
20	256QAM	1	0	19.19	19.14	19.05	
20	256QAM	1	49	19.14	19.08	19.12	20.2
20	256QAM	1	99	19.23	19.17	19.16	
20	256QAM	50	0	19.37	19.22	19.23	
20	256QAM	50	24	19.42	19.37	19.34	20.2
20	256QAM	50	50	19.32	19.36	19.26	
20	256QAM	100	0	19.35	19.24	19.27	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	22.77	22.82	22.78	
15	QPSK	1	37	22.73	22.73	22.69	23.3
15	QPSK	1	74	22.68	22.71	22.64	
15	QPSK	36	0	22.66	22.67	22.68	
15	QPSK	36	20	22.67	22.77	22.62	23.3
15	QPSK	36	39	22.73	22.80	22.70	
15	QPSK	75	0	22.80	22.74	22.77	
15	16QAM	1	0	22.70	22.79	22.66	23.3
15	16QAM	1	37	22.69	22.77	22.69	
15	16QAM	1	74	22.70	22.74	22.67	
15	16QAM	36	0	22.12	22.21	22.16	23.2
15	16QAM	36	20	22.23	22.38	22.23	
15	16QAM	36	39	22.24	22.33	22.27	
15	16QAM	75	0	22.20	22.24	22.28	23.2
15	64QAM	1	0	22.24	22.41	22.28	
15	64QAM	1	37	22.31	22.37	22.33	
15	64QAM	1	74	22.24	22.33	22.30	22.2
15	64QAM	36	0	21.04	21.11	21.06	
15	64QAM	36	20	21.15	21.23	21.17	
15	64QAM	36	39	21.08	21.11	21.11	20.2
15	64QAM	75	0	21.15	21.22	21.19	
15	256QAM	1	0	19.11	19.17	18.98	
15	256QAM	1	37	19.06	19.05	19.06	20.2
15	256QAM	1	74	19.13	19.18	19.12	
15	256QAM	36	0	19.17	19.32	19.17	
15	256QAM	36	20	19.34	19.33	19.26	20.2



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15	256QAM	36	39	19.27	19.23	19.16	Tune-up limit (dBm)
15	256QAM	75	0	19.18	19.27	19.21	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	22.80	22.86	22.80	23.3
10	QPSK	1	25	22.74	22.75	22.68	
10	QPSK	1	49	22.66	22.69	22.67	
10	QPSK	25	0	22.68	22.73	22.66	23.3
10	QPSK	25	12	22.66	22.77	22.69	
10	QPSK	25	25	22.72	22.80	22.73	
10	QPSK	50	0	22.78	22.74	22.77	
10	16QAM	1	0	22.64	22.77	22.69	23.3
10	16QAM	1	25	22.61	22.73	22.71	
10	16QAM	1	49	22.69	22.72	22.63	
10	16QAM	25	0	22.08	22.23	22.14	23.2
10	16QAM	25	12	22.26	22.32	22.18	
10	16QAM	25	25	22.19	22.30	22.23	
10	16QAM	50	0	22.12	22.26	22.24	
10	64QAM	1	0	22.29	22.43	22.32	23.2
10	64QAM	1	25	22.28	22.40	22.31	
10	64QAM	1	49	22.25	22.32	22.25	
10	64QAM	25	0	21.04	21.16	21.03	22.2
10	64QAM	25	12	21.18	21.16	21.09	
10	64QAM	25	25	21.09	21.12	21.03	
10	64QAM	50	0	21.07	21.20	21.17	
10	256QAM	1	0	19.08	19.11	19.01	20.2
10	256QAM	1	25	18.98	19.12	19.02	
10	256QAM	1	49	19.10	19.14	19.11	
10	256QAM	25	0	19.16	19.31	19.16	20.2
10	256QAM	25	12	19.29	19.38	19.28	
10	256QAM	25	25	19.29	19.28	19.18	
10	256QAM	50	0	19.17	19.32	19.23	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	22.79	22.83	22.74	23.3
5	QPSK	1	12	22.77	22.79	22.67	
5	QPSK	1	24	22.72	22.67	22.68	
5	QPSK	12	0	22.68	22.70	22.68	23.3
5	QPSK	12	7	22.67	22.76	22.68	
5	QPSK	12	13	22.66	22.75	22.66	
5	QPSK	25	0	22.81	22.78	22.76	
5	16QAM	1	0	22.69	22.74	22.64	23.3
5	16QAM	1	12	22.68	22.78	22.71	
5	16QAM	1	24	22.63	22.74	22.67	
5	16QAM	12	0	22.07	22.24	22.19	23.2
5	16QAM	12	7	22.23	22.36	22.21	
5	16QAM	12	13	22.21	22.35	22.25	
5	16QAM	25	0	22.19	22.30	22.27	
5	64QAM	1	0	22.25	22.37	22.26	23.2
5	64QAM	1	12	22.32	22.33	22.31	
5	64QAM	1	24	22.20	22.35	22.27	
5	64QAM	12	0	21.00	21.17	21.01	22.2
5	64QAM	12	7	21.17	21.18	21.10	
5	64QAM	12	13	21.08	21.10	21.07	
5	64QAM	25	0	21.08	21.21	21.14	
5	256QAM	1	0	19.11	19.17	18.96	20.2
5	256QAM	1	12	19.02	19.04	19.10	
5	256QAM	1	24	19.12	19.13	19.09	
5	256QAM	12	0	19.17	19.30	19.20	20.2
5	256QAM	12	7	19.27	19.35	19.26	
5	256QAM	12	13	19.33	19.25	19.18	
5	256QAM	25	0	19.17	19.31	19.17	
Channel				26055	26340	26675	Tune-up limit



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Frequency (MHz)				1851.5	1880	1913.5	(dBm)
3	QPSK	1	0	22.77	22.81	22.74	23.3
3	QPSK	1	8	22.72	22.81	22.67	
3	QPSK	1	14	22.64	22.70	22.70	
3	QPSK	8	0	22.72	22.71	22.68	23.3
3	QPSK	8	4	22.66	22.80	22.66	
3	QPSK	8	7	22.66	22.77	22.73	
3	QPSK	15	0	22.74	22.74	22.75	23.3
3	16QAM	1	0	22.70	22.73	22.67	
3	16QAM	1	8	22.68	22.76	22.67	
3	16QAM	1	14	22.68	22.70	22.62	23.2
3	16QAM	8	0	22.11	22.20	22.18	
3	16QAM	8	4	22.20	22.35	22.22	
3	16QAM	8	7	22.26	22.28	22.20	23.2
3	16QAM	15	0	22.19	22.23	22.27	
3	64QAM	1	0	22.29	22.42	22.29	
3	64QAM	1	8	22.31	22.32	22.29	22.2
3	64QAM	1	14	22.21	22.38	22.29	
3	64QAM	8	0	21.03	21.13	20.99	
3	64QAM	8	4	21.15	21.20	21.12	20.2
3	64QAM	8	7	21.03	21.09	21.08	
3	64QAM	15	0	21.10	21.21	21.20	
3	256QAM	1	0	19.06	19.15	18.97	20.2
3	256QAM	1	8	19.05	19.11	19.07	
3	256QAM	1	14	19.09	19.15	19.13	
3	256QAM	8	0	19.17	19.32	19.17	20.2
3	256QAM	8	4	19.34	19.36	19.30	
3	256QAM	8	7	19.29	19.24	19.19	
3	256QAM	15	0	19.21	19.32	19.19	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	22.77	22.65	22.63	23.3
1.4	QPSK	1	3	22.69	22.59	22.59	
1.4	QPSK	1	5	22.58	22.61	22.55	
1.4	QPSK	3	0	22.63	22.49	22.46	23.3
1.4	QPSK	3	1	22.49	22.47	22.48	
1.4	QPSK	3	3	22.43	22.43	22.35	
1.4	QPSK	6	0	22.69	22.58	22.56	23.3
1.4	16QAM	1	0	22.57	22.62	22.51	23.3
1.4	16QAM	1	3	22.69	22.56	22.63	
1.4	16QAM	1	5	22.69	22.64	22.62	
1.4	16QAM	3	0	22.68	22.52	22.62	23.2
1.4	16QAM	3	1	22.60	22.53	22.63	
1.4	16QAM	3	3	22.63	22.55	22.52	
1.4	16QAM	6	0	22.14	21.97	22.10	23.2
1.4	64QAM	1	0	22.30	22.18	22.10	23.2
1.4	64QAM	1	3	22.26	22.10	22.10	
1.4	64QAM	1	5	22.16	22.10	22.19	
1.4	64QAM	3	0	22.26	22.21	22.25	22.2
1.4	64QAM	3	1	22.30	22.24	22.24	
1.4	64QAM	3	3	22.23	22.12	22.18	
1.4	64QAM	6	0	21.02	20.92	20.94	22.2
1.4	256QAM	1	0	19.05	19.01	18.89	20.2
1.4	256QAM	1	3	18.96	18.89	18.96	
1.4	256QAM	1	5	19.09	19.06	19.02	
1.4	256QAM	3	0	19.19	19.03	19.04	20.2
1.4	256QAM	3	1	19.23	19.19	19.21	
1.4	256QAM	3	3	19.14	19.21	19.13	
1.4	256QAM	6	0	19.25	19.14	19.13	20.2

**<LTE Band 26_Ant 1_DSI 3 (Wlan Off)>**

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	24.40	24.39	24.42	
15	QPSK	1	37	24.39	24.38	24.36	25.2
15	QPSK	1	74	24.34	24.30	24.34	
15	QPSK	36	0	23.47	23.38	23.46	
15	QPSK	36	20	23.48	23.51	23.47	24.2
15	QPSK	36	39	23.45	23.46	23.35	
15	QPSK	75	0	23.52	23.50	23.38	
15	16QAM	1	0	23.59	23.64	23.70	24.2
15	16QAM	1	37	23.65	23.70	23.68	
15	16QAM	1	74	23.53	23.66	23.55	
15	16QAM	36	0	22.49	22.43	22.42	23.2
15	16QAM	36	20	22.51	22.52	22.41	
15	16QAM	36	39	22.47	22.45	22.37	
15	16QAM	75	0	22.48	22.45	22.34	23.2
15	64QAM	1	0	22.56	22.55	22.57	
15	64QAM	1	37	22.73	22.72	22.71	
15	64QAM	1	74	22.53	22.47	22.50	22.2
15	64QAM	36	0	21.47	21.42	21.43	
15	64QAM	36	20	21.50	21.50	21.41	
15	64QAM	36	39	21.45	21.44	21.36	20.2
15	64QAM	75	0	21.49	21.49	21.36	
15	256QAM	1	0	19.56	19.50	19.61	
15	256QAM	1	37	19.61	19.53	19.49	20.2
15	256QAM	1	74	19.29	19.47	19.30	
15	256QAM	36	0	19.46	19.44	19.47	
15	256QAM	36	20	19.63	19.46	19.48	20.2
15	256QAM	36	39	19.66	19.43	19.43	
15	256QAM	75	0	19.70	19.47	19.44	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	24.20	24.26	24.22	
10	QPSK	1	25	24.24	24.22	24.22	25.2
10	QPSK	1	49	24.15	24.18	24.21	
10	QPSK	25	0	23.30	23.24	23.28	24.2
10	QPSK	25	12	23.30	23.35	23.28	
10	QPSK	25	25	23.26	23.28	23.23	
10	QPSK	50	0	23.37	23.31	23.23	24.2
10	16QAM	1	0	23.47	23.48	23.54	
10	16QAM	1	25	23.47	23.53	23.58	
10	16QAM	1	49	23.42	23.56	23.36	23.2
10	16QAM	25	0	22.33	22.27	22.23	
10	16QAM	25	12	22.40	22.33	22.29	
10	16QAM	25	25	22.28	22.33	22.19	23.2
10	16QAM	50	0	22.28	22.32	22.14	
10	64QAM	1	0	22.41	22.41	22.43	
10	64QAM	1	25	22.59	22.53	22.60	23.2
10	64QAM	1	49	22.34	22.34	22.31	
10	64QAM	25	0	21.36	21.25	21.24	
10	64QAM	25	12	21.31	21.36	21.21	22.2
10	64QAM	25	25	21.25	21.24	21.16	
10	64QAM	50	0	21.29	21.38	21.26	
10	256QAM	1	0	19.46	19.39	19.51	20.2
10	256QAM	1	25	19.42	19.40	19.31	
10	256QAM	1	49	19.09	19.35	19.10	
10	256QAM	25	0	19.33	19.33	19.29	20.2
10	256QAM	25	12	19.43	19.30	19.30	



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10	256QAM	25	25	19.50	19.30	19.25	Tune-up limit (dBm)
10	256QAM	50	0	19.52	19.32	19.31	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	24.23	24.28	24.22	25.2
5	QPSK	1	12	24.28	24.22	24.18	
5	QPSK	1	24	24.19	24.20	24.18	
5	QPSK	12	0	23.28	23.18	23.34	24.2
5	QPSK	12	7	23.33	23.41	23.35	
5	QPSK	12	13	23.28	23.26	23.24	
5	QPSK	25	0	23.34	23.31	23.27	
5	16QAM	1	0	23.41	23.48	23.54	24.2
5	16QAM	1	12	23.49	23.53	23.53	
5	16QAM	1	24	23.33	23.50	23.35	
5	16QAM	12	0	22.33	22.33	22.24	23.2
5	16QAM	12	7	22.34	22.38	22.27	
5	16QAM	12	13	22.34	22.34	22.23	
5	16QAM	25	0	22.37	22.31	22.23	
5	64QAM	1	0	22.38	22.42	22.46	23.2
5	64QAM	1	12	22.62	22.53	22.54	
5	64QAM	1	24	22.41	22.35	22.39	
5	64QAM	12	0	21.32	21.31	21.33	22.2
5	64QAM	12	7	21.30	21.38	21.28	
5	64QAM	12	13	21.26	21.30	21.26	
5	64QAM	25	0	21.38	21.35	21.16	
5	256QAM	1	0	19.37	19.33	19.43	20.2
5	256QAM	1	12	19.48	19.43	19.33	
5	256QAM	1	24	19.13	19.29	19.18	
5	256QAM	12	0	19.35	19.31	19.34	20.2
5	256QAM	12	7	19.52	19.32	19.29	
5	256QAM	12	13	19.55	19.25	19.30	
5	256QAM	25	0	19.52	19.33	19.27	Tune-up limit (dBm)
Channel				26705	26865	27025	
Frequency (MHz)				815.5	831.5	847.5	Tune-up limit (dBm)
3	QPSK	1	0	24.24	24.22	24.32	
3	QPSK	1	8	24.21	24.20	24.20	25.2
3	QPSK	1	14	24.21	24.13	24.18	
3	QPSK	8	0	23.27	23.22	23.33	24.2
3	QPSK	8	4	23.37	23.33	23.33	
3	QPSK	8	7	23.35	23.34	23.22	
3	QPSK	15	0	23.39	23.38	23.27	
3	16QAM	1	0	23.43	23.51	23.53	24.2
3	16QAM	1	8	23.52	23.60	23.55	
3	16QAM	1	14	23.34	23.52	23.42	
3	16QAM	8	0	22.30	22.25	22.32	23.2
3	16QAM	8	4	22.41	22.40	22.31	
3	16QAM	8	7	22.32	22.28	22.24	
3	16QAM	15	0	22.33	22.30	22.15	
3	64QAM	1	0	22.42	22.35	22.37	23.2
3	64QAM	1	8	22.57	22.60	22.52	
3	64QAM	1	14	22.39	22.28	22.40	
3	64QAM	8	0	21.29	21.32	21.26	22.2
3	64QAM	8	4	21.30	21.40	21.26	
3	64QAM	8	7	21.29	21.31	21.16	
3	64QAM	15	0	21.31	21.39	21.26	
3	256QAM	1	0	19.44	19.30	19.42	20.2
3	256QAM	1	8	19.44	19.41	19.33	
3	256QAM	1	14	19.16	19.29	19.18	
3	256QAM	8	0	19.30	19.34	19.32	20.2
3	256QAM	8	4	19.53	19.36	19.36	
3	256QAM	8	7	19.49	19.27	19.25	
3	256QAM	15	0	19.55	19.31	19.29	Tune-up limit (dBm)
Channel				26697	26865	27033	



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Frequency (MHz)				814.7	831.5	848.3	(dBm)
1.4	QPSK	1	0	24.29	24.26	24.24	25.2
1.4	QPSK	1	3	24.19	24.27	24.25	
1.4	QPSK	1	5	24.15	24.14	24.19	
1.4	QPSK	3	0	24.17	24.11	24.09	
1.4	QPSK	3	1	24.03	24.10	24.09	
1.4	QPSK	3	3	23.95	24.02	24.09	
1.4	QPSK	6	0	23.36	23.25	23.36	24.2
1.4	16QAM	1	0	23.29	23.31	23.32	24.2
1.4	16QAM	1	3	23.25	23.31	23.23	
1.4	16QAM	1	5	23.37	23.36	23.21	
1.4	16QAM	3	0	23.43	23.53	23.56	
1.4	16QAM	3	1	23.55	23.55	23.53	
1.4	16QAM	3	3	23.40	23.51	23.36	
1.4	16QAM	6	0	22.35	22.25	22.27	23.2
1.4	64QAM	1	0	22.41	22.36	22.25	23.2
1.4	64QAM	1	3	22.31	22.30	22.23	
1.4	64QAM	1	5	22.34	22.30	22.22	
1.4	64QAM	3	0	22.39	22.41	22.39	
1.4	64QAM	3	1	22.56	22.61	22.55	
1.4	64QAM	3	3	22.36	22.32	22.34	
1.4	64QAM	6	0	21.27	21.22	21.28	22.2
1.4	256QAM	1	0	19.38	19.38	19.41	20.2
1.4	256QAM	1	3	19.45	19.42	19.36	
1.4	256QAM	1	5	19.19	19.34	19.20	
1.4	256QAM	3	0	19.30	19.30	19.27	
1.4	256QAM	3	1	19.48	19.35	19.32	
1.4	256QAM	3	3	19.53	19.23	19.32	
1.4	256QAM	6	0	19.51	19.32	19.25	20.2



<LTE Band 30_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				27710			
Frequency (MHz)				2310			
10	QPSK	1	0		23.85		24.4
10	QPSK	1	25		23.79		
10	QPSK	1	49		23.74		
10	QPSK	25	0		22.89		23.4
10	QPSK	25	12		22.82		
10	QPSK	25	25		22.79		
10	QPSK	50	0		22.77		23.4
10	16QAM	1	0		23.10		
10	16QAM	1	25		23.03		
10	16QAM	1	49		22.93		22.4
10	16QAM	25	0		21.87		
10	16QAM	25	12		21.79		
10	16QAM	25	25		21.77		22.4
10	16QAM	50	0		21.76		
10	64QAM	1	0		22.05		
10	64QAM	1	25		22.04		22.4
10	64QAM	1	49		21.89		
10	64QAM	25	0		20.91		
10	64QAM	25	12		20.83		21.4
10	64QAM	25	25		20.80		
10	64QAM	50	0		20.82		
10	256QAM	1	0		18.91		19.4
10	256QAM	1	25		18.93		
10	256QAM	1	49		18.81		
10	256QAM	25	0		18.85		19.4
10	256QAM	25	12		18.85		
10	256QAM	25	25		18.78		
10	256QAM	50	0		18.80		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	23.75	23.74	23.74	24.4
5	QPSK	1	12	23.69	23.59	23.69	
5	QPSK	1	24	23.60	23.56	23.60	
5	QPSK	12	0	22.75	22.76	22.72	23.4
5	QPSK	12	7	22.71	22.72	22.64	
5	QPSK	12	13	22.64	22.67	22.63	
5	QPSK	25	0	22.58	22.61	22.57	23.4
5	16QAM	1	0	22.96	22.99	22.95	
5	16QAM	1	12	22.89	22.92	22.88	
5	16QAM	1	24	22.78	22.74	22.80	22.4
5	16QAM	12	0	21.70	21.72	21.71	
5	16QAM	12	7	21.69	21.63	21.68	
5	16QAM	12	13	21.65	21.57	21.59	22.4
5	16QAM	25	0	21.58	21.56	21.60	
5	64QAM	1	0	21.95	21.86	21.95	
5	64QAM	1	12	21.91	21.92	21.88	22.4
5	64QAM	1	24	21.76	21.77	21.74	
5	64QAM	12	0	20.76	20.71	20.76	
5	64QAM	12	7	20.70	20.69	20.72	21.4
5	64QAM	12	13	20.60	20.68	20.63	
5	64QAM	25	0	20.69	20.65	20.71	
5	256QAM	1	0	18.80	18.78	18.79	19.4
5	256QAM	1	12	18.80	18.77	18.80	
5	256QAM	1	24	18.64	18.70	18.71	
5	256QAM	12	0	18.65	18.70	18.65	19.4
5	256QAM	12	7	18.73	18.70	18.74	
5	256QAM	12	13	18.67	18.58	18.60	
5	256QAM	25	0	18.62	18.70	18.60	



<LTE Band 38_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.06	23.07	23.16	
20	QPSK	1	49	23.05	23.04	23.10	23.4
20	QPSK	1	99	23.02	23.06	23.15	
20	QPSK	50	0	22.15	22.14	22.26	
20	QPSK	50	24	22.08	22.15	22.17	23.4
20	QPSK	50	50	22.08	22.17	22.25	
20	QPSK	100	0	22.08	22.16	22.17	
20	16QAM	1	0	22.14	22.06	22.15	23.4
20	16QAM	1	49	22.10	22.08	22.14	
20	16QAM	1	99	22.06	22.14	22.18	
20	16QAM	50	0	21.14	21.14	21.13	22.4
20	16QAM	50	24	21.08	21.15	21.16	
20	16QAM	50	50	21.08	21.16	21.23	
20	16QAM	100	0	21.09	21.13	21.15	22.4
20	64QAM	1	0	21.01	20.98	21.10	
20	64QAM	1	49	21.06	21.07	20.98	
20	64QAM	1	99	20.99	21.03	21.12	21.4
20	64QAM	50	0	20.15	20.11	20.12	
20	64QAM	50	24	20.10	20.14	20.17	
20	64QAM	50	50	20.10	20.16	20.25	19.4
20	64QAM	100	0	20.08	20.14	20.14	
20	256QAM	1	0	18.21	18.14	18.24	
20	256QAM	1	49	18.08	18.04	18.10	19.4
20	256QAM	1	99	17.96	18.00	18.06	
20	256QAM	50	0	18.12	18.13	18.25	
20	256QAM	50	24	18.15	18.13	18.21	19.4
20	256QAM	50	50	18.08	18.00	18.11	
20	256QAM	100	0	18.08	18.14	18.21	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.94	22.96	23.06	
15	QPSK	1	37	22.85	22.89	22.91	23.4
15	QPSK	1	74	22.92	22.96	23.03	
15	QPSK	36	0	21.96	22.00	22.09	23.4
15	QPSK	36	20	21.91	21.98	22.07	
15	QPSK	36	39	21.93	21.97	22.12	
15	QPSK	75	0	21.92	22.01	21.98	23.4
15	16QAM	1	0	21.94	21.90	21.99	
15	16QAM	1	37	21.99	21.94	21.97	
15	16QAM	1	74	21.86	21.99	22.04	22.4
15	16QAM	36	0	21.03	21.04	20.94	
15	16QAM	36	20	20.93	20.99	21.06	
15	16QAM	36	39	20.92	20.98	21.04	22.4
15	16QAM	75	0	20.92	21.03	20.96	
15	64QAM	1	0	20.87	20.82	20.90	
15	64QAM	1	37	20.86	20.87	20.84	21.4
15	64QAM	1	74	20.79	20.84	20.94	
15	64QAM	36	0	20.03	19.97	19.96	
15	64QAM	36	20	19.92	20.04	19.97	19.4
15	64QAM	36	39	19.95	20.00	20.09	
15	64QAM	75	0	19.93	20.00	19.98	
15	256QAM	1	0	18.06	18.01	18.11	19.4
15	256QAM	1	37	17.88	17.88	17.95	
15	256QAM	1	74	17.83	17.87	17.94	
15	256QAM	36	0	17.93	17.96	18.06	19.4
15	256QAM	36	20	18.02	18.02	18.07	
15	256QAM	36	39	17.94	17.89	17.94	



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15	256QAM	75	0	17.91	17.98	18.09	Tune-up limit (dBm)
Channel				37800	38000	38200	
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.88	22.88	22.98	23.4
10	QPSK	1	25	22.93	22.89	22.98	
10	QPSK	1	49	22.92	22.95	23.04	
10	QPSK	25	0	22.02	21.98	22.06	23.4
10	QPSK	25	12	21.93	21.99	21.97	
10	QPSK	25	25	21.93	22.05	22.10	
10	QPSK	50	0	21.89	22.06	22.03	
10	16QAM	1	0	22.03	21.95	22.04	23.4
10	16QAM	1	25	21.90	21.97	21.98	
10	16QAM	1	49	21.96	22.00	22.03	
10	16QAM	25	0	21.04	20.97	21.03	22.4
10	16QAM	25	12	20.89	21.02	20.96	
10	16QAM	25	25	20.91	21.02	21.13	
10	16QAM	50	0	20.92	21.01	20.96	
10	64QAM	1	0	20.86	20.83	20.96	22.4
10	64QAM	1	25	20.87	20.95	20.83	
10	64QAM	1	49	20.82	20.89	20.92	
10	64QAM	25	0	20.05	19.95	20.02	21.4
10	64QAM	25	12	19.95	19.96	20.02	
10	64QAM	25	25	19.91	20.00	20.15	
10	64QAM	50	0	19.91	20.03	19.99	
10	256QAM	1	0	18.04	17.99	18.09	19.4
10	256QAM	1	25	17.89	17.85	17.92	
10	256QAM	1	49	17.77	17.89	17.95	
10	256QAM	25	0	17.95	18.00	18.05	19.4
10	256QAM	25	12	17.99	17.97	18.06	
10	256QAM	25	25	17.88	17.89	17.95	
10	256QAM	50	0	17.94	17.99	18.03	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.91	22.95	22.98	23.4
5	QPSK	1	12	22.93	22.93	22.90	
5	QPSK	1	24	22.92	22.95	22.97	
5	QPSK	12	0	22.03	21.98	22.08	23.4
5	QPSK	12	7	21.98	22.01	22.01	
5	QPSK	12	13	21.97	22.06	22.09	
5	QPSK	25	0	21.93	21.97	22.05	
5	16QAM	1	0	21.96	21.91	22.04	23.4
5	16QAM	1	12	21.97	21.92	21.99	
5	16QAM	1	24	21.92	22.00	22.00	
5	16QAM	12	0	20.94	20.97	20.94	22.4
5	16QAM	12	7	20.97	21.01	21.05	
5	16QAM	12	13	20.95	21.06	21.07	
5	16QAM	25	0	20.95	20.97	21.00	
5	64QAM	1	0	20.82	20.85	20.93	22.4
5	64QAM	1	12	20.93	20.97	20.82	
5	64QAM	1	24	20.83	20.85	20.94	
5	64QAM	12	0	19.97	19.91	19.97	21.4
5	64QAM	12	7	20.00	19.96	20.03	
5	64QAM	12	13	19.98	19.97	20.15	
5	64QAM	25	0	19.96	19.95	20.04	
5	256QAM	1	0	18.04	17.94	18.06	19.4
5	256QAM	1	12	17.94	17.90	17.94	
5	256QAM	1	24	17.82	17.88	17.92	
5	256QAM	12	0	17.99	18.00	18.06	19.4
5	256QAM	12	7	17.99	17.93	18.03	
5	256QAM	12	13	17.95	17.80	17.92	
5	256QAM	25	0	17.92	17.97	18.02	



<LTE Band 41_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	22.98	22.83	22.80	23.12	23.39	23.4
20	QPSK	1	49	22.95	22.81	22.80	23.13	23.36	
20	QPSK	1	99	22.92	22.75	22.88	23.31	23.38	
20	QPSK	50	0	22.11	21.87	21.92	22.27	22.52	23.4
20	QPSK	50	24	22.09	21.81	21.88	22.25	22.50	
20	QPSK	50	50	21.96	21.79	21.89	22.26	22.39	
20	QPSK	100	0	22.06	21.79	21.88	22.26	22.50	23.4
20	16QAM	1	0	21.98	21.91	21.80	22.15	22.58	
20	16QAM	1	49	22.00	21.83	21.76	22.14	22.39	
20	16QAM	1	99	21.91	21.74	21.91	22.34	22.42	22.4
20	16QAM	50	0	21.07	20.89	20.79	21.15	21.50	
20	16QAM	50	24	21.08	20.82	20.92	21.26	21.49	
20	16QAM	50	50	20.97	20.79	20.92	21.28	21.40	22.4
20	16QAM	100	0	21.06	20.80	20.89	21.26	21.49	
20	64QAM	1	0	20.92	20.86	20.75	21.17	21.47	
20	64QAM	1	49	20.94	20.85	20.81	21.12	21.37	21.4
20	64QAM	1	99	20.94	20.78	20.89	21.27	21.35	
20	64QAM	50	0	20.08	19.89	19.80	20.16	20.51	
20	64QAM	50	24	20.11	19.82	19.91	20.26	20.49	19.4
20	64QAM	50	50	19.98	19.80	19.93	20.30	20.39	
20	64QAM	100	0	20.06	19.84	19.92	20.26	20.50	
20	256QAM	1	0	18.04	17.93	17.95	18.18	18.54	19.4
20	256QAM	1	49	17.97	17.85	17.81	18.11	18.41	
20	256QAM	1	99	17.86	17.70	17.72	18.08	18.35	
20	256QAM	50	0	18.02	17.95	17.91	18.19	18.51	19.4
20	256QAM	50	24	18.03	17.88	17.82	18.19	18.49	
20	256QAM	50	50	17.92	17.79	17.81	18.06	18.41	
20	256QAM	100	0	18.06	17.84	17.91	18.16	18.50	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	22.88	22.70	22.64	23.02	23.22	23.40
15	QPSK	1	37	22.83	22.66	22.67	22.96	23.23	
15	QPSK	1	74	22.72	22.57	22.77	23.12	23.19	
15	QPSK	36	0	22.01	21.75	21.72	22.11	22.32	23.4
15	QPSK	36	20	21.97	21.71	21.72	22.06	22.30	
15	QPSK	36	39	21.77	21.68	21.75	22.13	22.23	
15	QPSK	75	0	21.94	21.69	21.78	22.08	22.35	23.4
15	16QAM	1	0	21.82	21.77	21.67	22.00	22.44	
15	16QAM	1	37	21.84	21.67	21.66	22.04	22.25	
15	16QAM	1	74	21.76	21.60	21.77	22.22	22.22	22.4
15	16QAM	36	0	20.89	20.70	20.62	20.99	21.33	
15	16QAM	36	20	20.93	20.65	20.77	21.10	21.30	
15	16QAM	36	39	20.83	20.60	20.76	21.18	21.20	22.4
15	16QAM	75	0	20.94	20.69	20.74	21.13	21.34	
15	64QAM	1	0	20.75	20.71	20.55	20.98	21.36	
15	64QAM	1	37	20.78	20.71	20.65	21.00	21.19	21.4
15	64QAM	1	74	20.75	20.58	20.73	21.11	21.22	
15	64QAM	36	0	19.94	19.75	19.66	19.97	20.33	
15	64QAM	36	20	19.91	19.62	19.79	20.07	20.38	19.4
15	64QAM	36	39	19.81	19.67	19.83	20.11	20.22	
15	64QAM	75	0	19.88	19.69	19.82	20.14	20.38	
15	256QAM	1	0	17.89	17.75	17.79	17.98	18.34	19.4
15	256QAM	1	37	17.83	17.67	17.70	17.93	18.29	
15	256QAM	1	74	17.73	17.55	17.56	17.93	18.19	
15	256QAM	36	0	17.83	17.83	17.73	18.01	18.39	19.4
15	256QAM	36	20	17.92	17.77	17.71	18.02	18.38	
15	256QAM	36	39	17.76	17.69	17.67	17.93	18.29	
15	256QAM	75	0	17.89	17.73	17.72	17.96	18.40	



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Channel				39700	40160	40620	41080	41540	Tune-up limit
Frequency (MHz)				2501	2547	2593	2639	2685	(dBm)
10	QPSK	1	0	22.87	22.63	22.63	22.98	23.28	23.40
10	QPSK	1	25	22.82	22.62	22.69	23.03	23.20	
10	QPSK	1	49	22.74	22.63	22.72	23.15	23.27	
10	QPSK	25	0	22.00	21.75	21.80	22.12	22.41	23.4
10	QPSK	25	12	21.94	21.69	21.73	22.09	22.34	
10	QPSK	25	25	21.86	21.69	21.69	22.09	22.19	
10	QPSK	50	0	21.90	21.67	21.75	22.06	22.38	23.4
10	16QAM	1	0	21.88	21.73	21.68	21.99	22.48	
10	16QAM	1	25	21.82	21.72	21.59	21.96	22.29	
10	16QAM	1	49	21.72	21.55	21.79	22.17	22.29	22.4
10	16QAM	25	0	20.93	20.74	20.60	20.97	21.36	
10	16QAM	25	12	20.95	20.71	20.74	21.15	21.36	
10	16QAM	25	25	20.78	20.59	20.73	21.16	21.20	22.4
10	16QAM	50	0	20.96	20.62	20.70	21.11	21.34	
10	64QAM	1	0	20.79	20.66	20.63	20.97	21.30	
10	64QAM	1	25	20.74	20.72	20.68	20.95	21.21	21.4
10	64QAM	1	49	20.77	20.64	20.69	21.15	21.18	
10	64QAM	25	0	19.91	19.77	19.64	20.01	20.32	
10	64QAM	25	12	19.96	19.63	19.71	20.12	20.35	19.4
10	64QAM	25	25	19.86	19.64	19.80	20.14	20.19	
10	64QAM	50	0	19.89	19.64	19.80	20.09	20.37	
10	256QAM	1	0	17.87	17.75	17.75	18.05	18.44	19.4
10	256QAM	1	25	17.79	17.67	17.66	17.98	18.24	
10	256QAM	1	49	17.71	17.57	17.52	17.94	18.22	
10	256QAM	25	0	17.88	17.84	17.74	18.05	18.31	19.4
10	256QAM	25	12	17.92	17.73	17.62	18.07	18.34	
10	256QAM	25	25	17.80	17.60	17.71	17.90	18.29	
10	256QAM	50	0	17.94	17.74	17.73	18.00	18.31	
Channel				39675	40148	40620	41093	41565	Tune-up limit
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	(dBm)
5	QPSK	1	0	22.84	22.68	22.60	23.02	23.25	23.40
5	QPSK	1	12	22.78	22.62	22.61	22.95	23.21	
5	QPSK	1	24	22.75	22.58	22.70	23.13	23.20	
5	QPSK	12	0	21.98	21.70	21.81	22.07	22.34	23.4
5	QPSK	12	7	21.92	21.66	21.75	22.13	22.33	
5	QPSK	12	13	21.77	21.59	21.75	22.14	22.22	
5	QPSK	25	0	21.96	21.64	21.78	22.15	22.32	23.4
5	16QAM	1	0	21.79	21.72	21.70	22.04	22.40	
5	16QAM	1	12	21.81	21.63	21.64	21.94	22.27	
5	16QAM	1	24	21.76	21.59	21.81	22.16	22.30	22.4
5	16QAM	12	0	20.88	20.79	20.59	20.99	21.40	
5	16QAM	12	7	20.88	20.66	20.76	21.10	21.34	
5	16QAM	12	13	20.81	20.69	20.82	21.08	21.20	22.4
5	16QAM	25	0	20.86	20.68	20.78	21.12	21.34	
5	64QAM	1	0	20.82	20.74	20.55	20.98	21.37	
5	64QAM	1	12	20.79	20.71	20.70	20.94	21.21	21.4
5	64QAM	1	24	20.75	20.59	20.70	21.17	21.18	
5	64QAM	12	0	19.90	19.75	19.69	19.99	20.36	
5	64QAM	12	7	19.96	19.65	19.74	20.08	20.33	19.4
5	64QAM	12	13	19.78	19.62	19.75	20.19	20.28	
5	64QAM	25	0	19.94	19.67	19.82	20.08	20.34	
5	256QAM	1	0	17.92	17.74	17.76	18.03	18.44	19.4
5	256QAM	1	12	17.87	17.75	17.67	17.91	18.21	
5	256QAM	1	24	17.75	17.57	17.59	17.89	18.21	
5	256QAM	12	0	17.87	17.75	17.72	18.09	18.38	19.4
5	256QAM	12	7	17.90	17.72	17.62	18.04	18.31	
5	256QAM	12	13	17.78	17.67	17.62	17.94	18.29	
5	256QAM	25	0	17.90	17.65	17.74	17.98	18.34	



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<LTE Band 41_HPUE_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	24.83	24.74	24.70	24.88	24.89	25
20	QPSK	1	49	24.83	24.68	24.70	24.69	24.76	
20	QPSK	1	99	24.81	24.65	24.61	24.70	24.68	
20	QPSK	50	0	24.04	23.84	23.86	24.23	24.46	25
20	QPSK	50	24	24.03	23.78	23.84	24.21	24.45	
20	QPSK	50	50	23.93	23.74	23.84	24.22	24.36	
20	QPSK	100	0	23.98	23.77	23.82	24.18	24.43	
20	16QAM	1	0	24.21	24.03	23.97	24.38	24.75	25
20	16QAM	1	49	24.19	24.01	23.93	24.27	24.56	
20	16QAM	1	99	24.16	23.94	24.15	24.53	24.62	
20	16QAM	50	0	23.00	22.84	22.74	23.07	23.42	24
20	16QAM	50	24	23.01	22.79	22.85	23.16	23.42	
20	16QAM	50	50	22.90	22.75	22.86	23.25	23.35	
20	16QAM	100	0	22.99	22.77	22.82	23.17	23.41	
20	64QAM	1	0	23.19	22.92	22.96	23.27	23.70	24
20	64QAM	1	49	23.16	22.98	22.94	23.22	23.71	
20	64QAM	1	99	23.08	22.82	23.03	23.51	23.57	
20	64QAM	50	0	22.02	21.87	21.76	22.07	22.43	23
20	64QAM	50	24	22.02	21.77	21.84	22.21	22.43	
20	64QAM	50	50	21.92	21.75	21.84	22.22	22.32	
20	64QAM	100	0	22.03	21.76	21.81	22.20	22.41	
20	256QAM	1	0	19.91	19.88	19.81	20.19	20.57	21
20	256QAM	1	49	19.86	19.75	19.78	20.08	20.50	
20	256QAM	1	99	19.73	19.62	19.58	20.05	20.38	
20	256QAM	50	0	19.84	19.69	19.63	20.04	20.41	21
20	256QAM	50	24	19.75	19.64	19.67	19.98	20.39	
20	256QAM	50	50	19.68	19.61	19.62	19.99	20.34	
20	256QAM	100	0	19.76	19.67	19.66	20.05	20.40	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	24.66	24.62	24.51	24.78	24.78	25
15	QPSK	1	37	24.65	24.55	24.56	24.50	24.60	
15	QPSK	1	74	24.65	24.45	24.44	24.58	24.52	
15	QPSK	36	0	23.93	23.70	23.72	24.05	24.31	25
15	QPSK	36	20	23.83	23.65	23.71	24.09	24.31	
15	QPSK	36	39	23.81	23.56	23.70	24.02	24.21	
15	QPSK	75	0	23.88	23.67	23.64	24.04	24.33	
15	16QAM	1	0	24.05	23.88	23.83	24.28	24.55	25
15	16QAM	1	37	24.07	23.88	23.81	24.15	24.39	
15	16QAM	1	74	23.96	23.79	23.95	24.38	24.48	
15	16QAM	36	0	22.88	22.70	22.55	22.87	23.26	24
15	16QAM	36	20	22.85	22.63	22.70	23.05	23.27	
15	16QAM	36	39	22.75	22.58	22.70	23.05	23.15	
15	16QAM	75	0	22.80	22.64	22.67	23.01	23.23	
15	64QAM	1	0	23.06	22.81	22.85	23.14	23.58	24
15	64QAM	1	37	23.03	22.84	22.75	23.06	23.52	
15	64QAM	1	74	22.90	22.68	22.89	23.39	23.43	
15	64QAM	36	0	21.83	21.67	21.58	21.90	22.27	23
15	64QAM	36	20	21.88	21.62	21.73	22.04	22.28	
15	64QAM	36	39	21.73	21.62	21.72	22.03	22.14	
15	64QAM	75	0	21.84	21.62	21.66	22.02	22.24	
15	256QAM	1	0	19.79	19.78	19.69	20.08	20.39	21
15	256QAM	1	37	19.73	19.58	19.66	19.91	20.40	
15	256QAM	1	74	19.56	19.48	19.43	19.86	20.19	
15	256QAM	36	0	19.74	19.50	19.44	19.87	20.29	21
15	256QAM	36	20	19.57	19.48	19.50	19.86	20.28	
15	256QAM	36	39	19.58	19.46	19.50	19.85	20.15	



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15	256QAM	75	0	19.66	19.49	19.56	19.89	20.22	Tune-up limit (dBm)
Channel				39700	40160	40620	41080	41540	
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.70	24.61	24.60	24.74	24.75	25
10	QPSK	1	25	24.72	24.49	24.51	24.50	24.59	
10	QPSK	1	49	24.61	24.49	24.49	24.55	24.50	
10	QPSK	25	0	23.90	23.73	23.73	24.08	24.35	25
10	QPSK	25	12	23.84	23.60	23.64	24.03	24.27	
10	QPSK	25	25	23.79	23.59	23.70	24.12	24.22	
10	QPSK	50	0	23.81	23.67	23.63	23.98	24.25	
10	16QAM	1	0	24.02	23.83	23.78	24.22	24.64	25
10	16QAM	1	25	24.09	23.83	23.75	24.12	24.37	
10	16QAM	1	49	24.00	23.81	24.04	24.38	24.45	
10	16QAM	25	0	22.82	22.67	22.55	22.89	23.22	24
10	16QAM	25	12	22.91	22.67	22.73	23.04	23.32	
10	16QAM	25	25	22.75	22.62	22.68	23.12	23.20	
10	16QAM	50	0	22.82	22.63	22.66	22.99	23.24	
10	64QAM	1	0	23.00	22.75	22.85	23.09	23.54	24
10	64QAM	1	25	23.06	22.88	22.80	23.11	23.54	
10	64QAM	1	49	22.93	22.72	22.93	23.35	23.39	
10	64QAM	25	0	21.86	21.70	21.58	21.89	22.33	23
10	64QAM	25	12	21.86	21.57	21.64	22.04	22.23	
10	64QAM	25	25	21.74	21.64	21.71	22.05	22.12	
10	64QAM	50	0	21.84	21.63	21.63	22.00	22.22	
10	256QAM	1	0	19.71	19.75	19.61	20.07	20.45	21
10	256QAM	1	25	19.73	19.62	19.64	19.98	20.38	
10	256QAM	1	49	19.57	19.52	19.40	19.93	20.21	
10	256QAM	25	0	19.71	19.58	19.49	19.84	20.26	21
10	256QAM	25	12	19.65	19.50	19.56	19.86	20.24	
10	256QAM	25	25	19.57	19.47	19.44	19.79	20.23	
10	256QAM	50	0	19.56	19.52	19.55	19.87	20.26	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	24.65	24.64	24.54	24.77	24.72	25
5	QPSK	1	12	24.71	24.49	24.53	24.59	24.65	
5	QPSK	1	24	24.67	24.49	24.44	24.52	24.55	
5	QPSK	12	0	23.92	23.74	23.71	24.10	24.34	25
5	QPSK	12	7	23.85	23.64	23.67	24.01	24.25	
5	QPSK	12	13	23.80	23.63	23.70	24.04	24.20	
5	QPSK	25	0	23.88	23.65	23.63	24.02	24.23	
5	16QAM	1	0	24.11	23.85	23.82	24.22	24.56	25
5	16QAM	1	12	24.06	23.82	23.82	24.09	24.41	
5	16QAM	1	24	23.99	23.79	23.99	24.37	24.46	
5	16QAM	12	0	22.85	22.72	22.55	22.95	23.30	24
5	16QAM	12	7	22.86	22.66	22.70	23.05	23.30	
5	16QAM	12	13	22.78	22.56	22.74	23.12	23.18	
5	16QAM	25	0	22.87	22.61	22.63	22.97	23.21	
5	64QAM	1	0	23.05	22.76	22.80	23.11	23.60	24
5	64QAM	1	12	23.01	22.79	22.78	23.02	23.60	
5	64QAM	1	24	22.92	22.70	22.93	23.41	23.45	
5	64QAM	12	0	21.89	21.75	21.66	21.91	22.25	23
5	64QAM	12	7	21.92	21.65	21.67	22.11	22.25	
5	64QAM	12	13	21.82	21.55	21.67	22.08	22.18	
5	64QAM	25	0	21.83	21.56	21.70	22.10	22.30	
5	256QAM	1	0	19.79	19.72	19.70	20.02	20.39	21
5	256QAM	1	12	19.76	19.61	19.59	19.90	20.31	
5	256QAM	1	24	19.60	19.43	19.45	19.94	20.24	
5	256QAM	12	0	19.65	19.56	19.45	19.87	20.27	21
5	256QAM	12	7	19.62	19.54	19.47	19.86	20.27	
5	256QAM	12	13	19.58	19.41	19.48	19.79	20.18	
5	256QAM	25	0	19.66	19.47	19.49	19.94	20.21	

<LTE Band 48_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.26	22.39	22.39	22.46	24
20	QPSK	1	49	22.24	22.37	22.38	22.36	
20	QPSK	1	99	22.25	22.31	22.33	22.37	
20	QPSK	50	0	21.27	21.34	21.35	21.44	23
20	QPSK	50	24	21.33	21.45	21.38	21.50	
20	QPSK	50	50	21.34	21.45	21.45	21.51	
20	QPSK	100	0	21.31	21.40	21.35	21.51	
20	16QAM	1	0	21.19	21.35	21.32	21.41	23
20	16QAM	1	49	21.26	21.38	21.42	21.45	
20	16QAM	1	99	21.26	21.37	21.39	21.42	
20	16QAM	50	0	20.28	20.35	20.33	20.40	22
20	16QAM	50	24	20.33	20.43	20.36	20.48	
20	16QAM	50	50	20.35	20.45	20.43	20.49	
20	16QAM	100	0	20.31	20.43	20.34	20.49	
20	64QAM	1	0	20.12	20.32	20.28	20.34	22
20	64QAM	1	49	20.17	20.36	20.34	20.41	
20	64QAM	1	99	20.28	20.26	20.34	20.33	
20	64QAM	50	0	19.27	19.32	19.30	19.40	21
20	64QAM	50	24	19.30	19.44	19.34	19.48	
20	64QAM	50	50	19.34	19.43	19.42	19.48	
20	64QAM	100	0	19.30	19.44	19.33	19.48	
20	256QAM	1	0	17.25	17.38	17.38	17.49	19
20	256QAM	1	49	17.44	17.42	17.37	17.52	
20	256QAM	1	99	17.49	17.45	17.45	17.56	
20	256QAM	50	0	17.34	17.36	17.44	17.32	19
20	256QAM	50	24	17.42	17.49	17.46	17.49	
20	256QAM	50	50	17.47	17.48	17.51	17.50	
20	256QAM	100	0	17.50	17.48	17.45	17.43	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.13	22.21	22.28	22.27	24
15	QPSK	1	37	22.04	22.25	22.20	22.25	
15	QPSK	1	74	22.13	22.17	22.21	22.17	
15	QPSK	36	0	21.14	21.22	21.16	21.34	23
15	QPSK	36	20	21.23	21.27	21.24	21.38	
15	QPSK	36	39	21.16	21.35	21.28	21.34	
15	QPSK	75	0	21.11	21.27	21.20	21.37	
15	16QAM	1	0	21.07	21.18	21.20	21.22	23
15	16QAM	1	37	21.11	21.23	21.26	21.35	
15	16QAM	1	74	21.10	21.26	21.22	21.31	
15	16QAM	36	0	20.15	20.19	20.16	20.22	22
15	16QAM	36	20	20.14	20.32	20.20	20.33	
15	16QAM	36	39	20.20	20.32	20.25	20.37	
15	16QAM	75	0	20.20	20.30	20.20	20.39	
15	64QAM	1	0	20.01	20.19	20.15	20.16	22
15	64QAM	1	37	20.06	20.24	20.14	20.25	
15	64QAM	1	74	20.10	20.11	20.15	20.15	
15	64QAM	36	0	19.08	19.15	19.11	19.28	21
15	64QAM	36	20	19.15	19.32	19.24	19.36	
15	64QAM	36	39	19.21	19.33	19.28	19.28	
15	64QAM	75	0	19.16	19.27	19.14	19.38	
15	256QAM	1	0	17.11	17.27	17.21	17.39	19
15	256QAM	1	37	17.24	17.22	17.21	17.39	
15	256QAM	1	74	17.38	17.30	17.26	17.44	
15	256QAM	36	0	17.14	17.20	17.28	17.17	19
15	256QAM	36	20	17.31	17.35	17.26	17.39	
15	256QAM	36	39	17.31	17.34	17.40	17.34	



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15	256QAM	75	0	17.31	17.30	17.31	17.23	Tune-up limit (dBm)
Channel				55290	55815	56165	56690	
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	22.16	22.28	22.22	22.27	24
10	QPSK	1	25	22.09	22.22	22.23	22.23	
10	QPSK	1	49	22.06	22.17	22.17	22.23	
10	QPSK	25	0	21.17	21.16	21.15	21.30	23
10	QPSK	25	12	21.20	21.34	21.20	21.40	
10	QPSK	25	25	21.20	21.26	21.30	21.40	
10	QPSK	50	0	21.18	21.27	21.25	21.37	
10	16QAM	1	0	21.09	21.24	21.17	21.27	23
10	16QAM	1	25	21.06	21.21	21.25	21.27	
10	16QAM	1	49	21.09	21.25	21.28	21.28	
10	16QAM	25	0	20.16	20.23	20.19	20.26	22
10	16QAM	25	12	20.16	20.26	20.23	20.37	
10	16QAM	25	25	20.24	20.25	20.30	20.32	
10	16QAM	50	0	20.13	20.27	20.19	20.33	
10	64QAM	1	0	20.16	20.17	20.16	20.17	22
10	64QAM	1	25	20.00	20.25	20.23	20.31	
10	64QAM	1	49	20.16	20.07	20.24	20.16	
10	64QAM	25	0	19.12	19.20	19.16	19.21	21
10	64QAM	25	12	19.13	19.33	19.14	19.28	
10	64QAM	25	25	19.21	19.26	19.26	19.28	
10	64QAM	50	0	19.18	19.33	19.16	19.38	
10	256QAM	1	0	17.08	17.22	17.18	17.38	19
10	256QAM	1	25	17.29	17.31	17.22	17.32	
10	256QAM	1	49	17.32	17.31	17.26	17.41	
10	256QAM	25	0	17.16	17.17	17.29	17.17	19
10	256QAM	25	12	17.26	17.37	17.26	17.39	
10	256QAM	25	25	17.31	17.31	17.40	17.30	
10	256QAM	50	0	17.34	17.28	17.31	17.30	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	22.06	22.25	22.22	22.36	24
5	QPSK	1	12	22.05	22.27	22.20	22.24	
5	QPSK	1	24	22.13	22.11	22.14	22.22	
5	QPSK	12	0	21.13	21.14	21.15	21.26	23
5	QPSK	12	7	21.21	21.27	21.19	21.39	
5	QPSK	12	13	21.20	21.27	21.33	21.33	
5	QPSK	25	0	21.19	21.27	21.18	21.40	
5	16QAM	1	0	21.02	21.20	21.17	21.22	23
5	16QAM	1	12	21.15	21.21	21.24	21.31	
5	16QAM	1	24	21.08	21.25	21.20	21.31	
5	16QAM	12	0	20.09	20.25	20.19	20.22	22
5	16QAM	12	7	20.17	20.31	20.19	20.30	
5	16QAM	12	13	20.24	20.33	20.23	20.39	
5	16QAM	25	0	20.18	20.25	20.21	20.38	
5	64QAM	1	0	20.15	20.14	20.11	20.18	22
5	64QAM	1	12	20.02	20.21	20.23	20.31	
5	64QAM	1	24	20.15	20.15	20.15	20.17	
5	64QAM	12	0	19.10	19.17	19.19	19.25	
5	64QAM	12	7	19.12	19.34	19.17	19.35	21
5	64QAM	12	13	19.19	19.27	19.31	19.37	
5	64QAM	25	0	19.16	19.32	19.23	19.32	
5	256QAM	1	0	17.07	17.26	17.19	17.35	
5	256QAM	1	12	17.29	17.28	17.26	17.36	19
5	256QAM	1	24	17.30	17.28	17.33	17.46	
5	256QAM	12	0	17.23	17.23	17.33	17.21	
5	256QAM	12	7	17.23	17.31	17.30	17.38	19
5	256QAM	12	13	17.28	17.37	17.34	17.33	
5	256QAM	25	0	17.37	17.28	17.25	17.33	



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<LTE Band 48_Ant 9_DSI 0>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	22.39	22.71	22.87	23.00	23.2
20	QPSK	1	49	22.66	22.68	22.73	22.83	
20	QPSK	1	99	22.69	22.68	22.65	22.74	
20	QPSK	50	0	21.69	21.74	21.70	21.84	22.2
20	QPSK	50	24	21.65	21.65	21.70	21.83	
20	QPSK	50	50	21.64	21.62	21.67	21.75	
20	QPSK	100	0	21.66	21.75	21.73	21.78	
20	16QAM	1	0	21.89	21.95	21.93	22.02	22.2
20	16QAM	1	49	22.03	21.99	21.96	22.06	
20	16QAM	1	99	21.93	21.91	21.94	21.96	
20	16QAM	50	0	20.68	20.74	20.74	20.81	
20	16QAM	50	24	20.72	20.66	20.65	20.81	21.2
20	16QAM	50	50	20.60	20.64	20.61	20.75	
20	16QAM	100	0	20.62	20.63	20.66	20.79	
20	64QAM	1	0	21.00	20.96	20.93	21.07	21.2
20	64QAM	1	49	20.94	21.00	20.95	21.07	
20	64QAM	1	99	20.86	20.88	20.86	20.97	
20	64QAM	50	0	19.75	19.74	19.78	19.83	20.2
20	64QAM	50	24	19.65	19.62	19.62	19.77	
20	64QAM	50	50	19.60	19.58	19.67	19.68	
20	64QAM	100	0	19.68	19.68	19.72	19.81	
20	256QAM	1	0	17.52	17.49	17.54	17.67	18.2
20	256QAM	1	49	17.61	17.61	17.56	17.70	
20	256QAM	1	99	17.68	17.68	17.73	17.80	
20	256QAM	50	0	17.70	17.61	17.67	17.71	18.2
20	256QAM	50	24	17.69	17.76	17.71	17.87	
20	256QAM	50	50	17.71	17.79	17.80	17.85	
20	256QAM	100	0	17.74	17.76	17.75	17.94	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	22.24	22.59	22.75	22.88	23.2
15	QPSK	1	37	22.53	22.56	22.59	22.70	
15	QPSK	1	74	22.51	22.50	22.52	22.64	
15	QPSK	36	0	21.59	21.54	21.53	21.74	22.2
15	QPSK	36	20	21.51	21.53	21.58	21.70	
15	QPSK	36	39	21.49	21.50	21.53	21.55	
15	QPSK	75	0	21.56	21.55	21.54	21.61	
15	16QAM	1	0	21.74	21.77	21.78	21.82	22.2
15	16QAM	1	37	21.91	21.82	21.86	21.89	
15	16QAM	1	74	21.75	21.71	21.84	21.81	
15	16QAM	36	0	20.53	20.54	20.54	20.68	21.2
15	16QAM	36	20	20.56	20.51	20.55	20.62	
15	16QAM	36	39	20.48	20.44	20.49	20.58	
15	16QAM	75	0	20.44	20.48	20.53	20.68	
15	64QAM	1	0	20.87	20.83	20.82	20.88	21.2
15	64QAM	1	37	20.81	20.81	20.85	20.92	
15	64QAM	1	74	20.75	20.68	20.70	20.86	
15	64QAM	36	0	19.65	19.59	19.61	19.71	20.2
15	64QAM	36	20	19.54	19.47	19.49	19.63	
15	64QAM	36	39	19.42	19.39	19.53	19.57	
15	64QAM	75	0	19.56	19.55	19.53	19.65	
15	256QAM	1	0	17.41	17.35	17.44	17.50	18.2
15	256QAM	1	37	17.43	17.50	17.46	17.50	
15	256QAM	1	74	17.58	17.56	17.59	17.62	
15	256QAM	36	0	17.55	17.47	17.48	17.60	18.2
15	256QAM	36	20	17.55	17.57	17.57	17.75	
15	256QAM	36	39	17.59	17.64	17.60	17.69	



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15	256QAM	75	0	17.56	17.61	17.61	17.81	
Channel				55290	55815	56165	56690	Tune-up limit
Frequency (MHz)				3555	3607.5	3642.5	3695	(dBm)
10	QPSK	1	0	22.22	22.51	22.73	22.83	23.2
10	QPSK	1	25	22.48	22.48	22.61	22.67	
10	QPSK	1	49	22.53	22.51	22.49	22.64	
10	QPSK	25	0	21.54	21.57	21.50	21.70	22.2
10	QPSK	25	12	21.46	21.45	21.59	21.67	
10	QPSK	25	25	21.54	21.48	21.55	21.65	
10	QPSK	50	0	21.48	21.56	21.62	21.64	
10	16QAM	1	0	21.75	21.77	21.76	21.88	22.2
10	16QAM	1	25	21.86	21.80	21.80	21.95	
10	16QAM	1	49	21.78	21.78	21.79	21.77	
10	16QAM	25	0	20.56	20.63	20.56	20.70	21.2
10	16QAM	25	12	20.56	20.49	20.45	20.66	
10	16QAM	25	25	20.44	20.48	20.42	20.62	
10	16QAM	50	0	20.45	20.53	20.53	20.65	
10	64QAM	1	0	20.86	20.76	20.80	20.97	21.2
10	64QAM	1	25	20.83	20.86	20.80	20.94	
10	64QAM	1	49	20.73	20.70	20.69	20.78	
10	64QAM	25	0	19.56	19.54	19.59	19.66	20.2
10	64QAM	25	12	19.48	19.51	19.51	19.65	
10	64QAM	25	25	19.43	19.40	19.53	19.50	
10	64QAM	50	0	19.57	19.54	19.61	19.66	
10	256QAM	1	0	17.39	17.31	17.35	17.57	18.2
10	256QAM	1	25	17.44	17.51	17.38	17.56	
10	256QAM	1	49	17.52	17.49	17.53	17.70	
10	256QAM	25	0	17.51	17.43	17.49	17.57	18.2
10	256QAM	25	12	17.56	17.62	17.51	17.71	
10	256QAM	25	25	17.55	17.67	17.63	17.71	
10	256QAM	50	0	17.58	17.66	17.63	17.79	
Channel				55265	55810	56170	56715	Tune-up limit
Frequency (MHz)				3552.5	3607	3643	3697.5	(dBm)
5	QPSK	1	0	22.22	22.59	22.74	22.88	23.2
5	QPSK	1	12	22.47	22.56	22.56	22.70	
5	QPSK	1	24	22.51	22.57	22.50	22.59	
5	QPSK	12	0	21.49	21.54	21.58	21.65	22.2
5	QPSK	12	7	21.52	21.54	21.57	21.70	
5	QPSK	12	13	21.54	21.48	21.55	21.55	
5	QPSK	25	0	21.50	21.61	21.55	21.64	
5	16QAM	1	0	21.77	21.75	21.73	21.91	22.2
5	16QAM	1	12	21.86	21.79	21.79	21.88	
5	16QAM	1	24	21.83	21.74	21.80	21.81	
5	16QAM	12	0	20.50	20.55	20.57	20.69	21.2
5	16QAM	12	7	20.62	20.47	20.52	20.70	
5	16QAM	12	13	20.45	20.45	20.51	20.61	
5	16QAM	25	0	20.45	20.45	20.47	20.62	
5	64QAM	1	0	20.88	20.81	20.81	20.95	21.2
5	64QAM	1	12	20.74	20.86	20.77	20.95	
5	64QAM	1	24	20.70	20.72	20.75	20.84	
5	64QAM	12	0	19.58	19.64	19.68	19.67	20.2
5	64QAM	12	7	19.53	19.52	19.45	19.57	
5	64QAM	12	13	19.48	19.40	19.57	19.57	
5	64QAM	25	0	19.51	19.48	19.53	19.62	
5	256QAM	1	0	17.37	17.32	17.43	17.53	18.2
5	256QAM	1	12	17.46	17.51	17.43	17.57	
5	256QAM	1	24	17.54	17.50	17.55	17.60	
5	256QAM	12	0	17.53	17.50	17.57	17.59	18.2
5	256QAM	12	7	17.54	17.60	17.53	17.74	
5	256QAM	12	13	17.60	17.67	17.69	17.68	
5	256QAM	25	0	17.60	17.61	17.59	17.81	

<LTE Band 66_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.89	20.15	20.11	21.7
20	QPSK	1	49	19.82	20.12	20.10	
20	QPSK	1	99	19.96	20.12	19.98	
20	QPSK	50	0	18.85	19.14	19.12	20.7
20	QPSK	50	24	18.94	19.15	19.11	
20	QPSK	50	50	18.93	19.18	19.14	
20	QPSK	100	0	18.91	19.12	19.11	
20	16QAM	1	0	19.21	19.43	19.38	20.7
20	16QAM	1	49	19.14	19.50	19.39	
20	16QAM	1	99	19.24	19.46	19.35	
20	16QAM	50	0	17.84	18.16	18.15	19.7
20	16QAM	50	24	17.94	18.16	18.13	
20	16QAM	50	50	17.93	18.23	18.19	
20	16QAM	100	0	17.93	18.15	18.13	
20	64QAM	1	0	18.05	18.23	18.23	19.7
20	64QAM	1	49	18.06	18.22	18.25	
20	64QAM	1	99	18.13	18.21	18.15	
20	64QAM	50	0	16.83	17.17	17.13	18.7
20	64QAM	50	24	16.92	17.15	17.12	
20	64QAM	50	50	16.93	17.21	17.17	
20	64QAM	100	0	16.92	17.14	17.13	
20	256QAM	1	0	16.20	16.38	16.36	16.7
20	256QAM	1	49	16.16	16.32	16.36	
20	256QAM	1	99	16.30	16.40	16.34	
20	256QAM	50	0	15.00	15.36	15.30	16.7
20	256QAM	50	24	15.02	15.28	15.28	
20	256QAM	50	50	15.06	15.40	15.34	
20	256QAM	100	0	15.11	15.30	15.24	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.75	20.05	19.94	21.7
15	QPSK	1	37	19.74	19.98	20.00	
15	QPSK	1	74	19.84	19.97	19.79	
15	QPSK	36	0	18.79	19.01	18.97	20.7
15	QPSK	36	20	18.76	19.05	18.94	
15	QPSK	36	39	18.75	18.98	18.97	
15	QPSK	75	0	18.75	18.98	18.99	
15	16QAM	1	0	19.10	19.25	19.27	20.7
15	16QAM	1	37	19.02	19.38	19.20	
15	16QAM	1	74	19.11	19.36	19.20	
15	16QAM	36	0	17.70	17.99	17.98	19.7
15	16QAM	36	20	17.75	18.03	17.97	
15	16QAM	36	39	17.76	18.10	18.01	
15	16QAM	75	0	17.77	17.96	17.95	
15	64QAM	1	0	17.87	18.03	18.03	19.7
15	64QAM	1	37	17.86	18.10	18.15	
15	64QAM	1	74	17.98	18.05	18.03	
15	64QAM	36	0	16.78	17.06	17.01	18.7
15	64QAM	36	20	16.81	17.00	16.99	
15	64QAM	36	39	16.76	17.10	17.01	
15	64QAM	75	0	16.73	16.99	16.98	
15	256QAM	1	0	16.00	16.18	16.17	16.7
15	256QAM	1	37	16.00	16.21	16.16	
15	256QAM	1	74	16.14	16.23	16.23	
15	256QAM	36	0	14.90	15.18	15.12	16.7



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15	256QAM	36	20	14.88	15.10	15.15	
15	256QAM	36	39	14.93	15.29	15.19	
15	256QAM	75	0	14.99	15.10	15.06	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.74	20.05	19.96	21.7
10	QPSK	1	25	19.72	20.01	19.90	
10	QPSK	1	49	19.77	19.92	19.85	
10	QPSK	25	0	18.78	19.00	18.94	20.7
10	QPSK	25	12	18.82	18.98	18.97	
10	QPSK	25	25	18.81	18.98	19.03	
10	QPSK	50	0	18.79	18.98	18.93	
10	16QAM	1	0	19.08	19.23	19.21	20.7
10	16QAM	1	25	18.94	19.37	19.29	
10	16QAM	1	49	19.13	19.34	19.23	
10	16QAM	25	0	17.89	18.06	18.03	19.7
10	16QAM	25	12	17.84	17.99	17.94	
10	16QAM	25	25	17.82	18.13	18.02	
10	16QAM	50	0	17.80	17.98	18.02	
10	64QAM	1	0	17.89	18.04	18.06	19.7
10	64QAM	1	25	17.92	18.03	18.13	
10	64QAM	1	49	18.01	18.06	17.99	
10	64QAM	25	0	16.70	17.02	16.93	18.7
10	64QAM	25	12	16.82	16.96	17.00	
10	64QAM	25	25	16.80	17.01	17.01	
10	64QAM	50	0	16.80	16.99	17.00	
10	256QAM	1	0	16.02	16.22	16.18	16.7
10	256QAM	1	25	16.02	16.13	16.26	
10	256QAM	1	49	16.19	16.29	16.24	
10	256QAM	25	0	14.83	15.22	15.14	16.7
10	256QAM	25	12	14.85	15.15	15.14	
10	256QAM	25	25	14.92	15.20	15.21	
10	256QAM	50	0	14.95	15.10	15.04	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.73	20.04	19.92	21.7
5	QPSK	1	12	19.74	20.01	19.95	
5	QPSK	1	24	19.83	19.95	19.84	
5	QPSK	12	0	18.71	18.94	18.93	20.7
5	QPSK	12	7	18.77	18.95	18.93	
5	QPSK	12	13	18.76	18.99	18.98	
5	QPSK	25	0	18.78	18.95	18.98	
5	16QAM	1	0	19.08	19.27	19.18	20.7
5	16QAM	1	12	19.00	19.40	19.19	
5	16QAM	1	24	19.07	19.26	19.22	
5	16QAM	12	0	17.77	18.02	17.98	19.7
5	16QAM	12	7	17.77	18.05	17.96	
5	16QAM	12	13	17.81	18.03	18.07	
5	16QAM	25	0	17.81	17.95	18.02	
5	64QAM	1	0	17.93	18.06	18.03	19.7
5	64QAM	1	12	17.89	18.10	18.12	
5	64QAM	1	24	17.95	18.01	17.98	
5	64QAM	12	0	16.70	17.01	16.95	18.7
5	64QAM	12	7	16.72	16.99	16.94	
5	64QAM	12	13	16.82	17.01	17.00	
5	64QAM	25	0	16.77	17.03	17.00	
5	256QAM	1	0	16.03	16.18	16.17	16.7
5	256QAM	1	12	16.00	16.13	16.20	
5	256QAM	1	24	16.16	16.21	16.22	
5	256QAM	12	0	14.82	15.17	15.13	16.7
5	256QAM	12	7	14.84	15.10	15.08	
5	256QAM	12	13	14.90	15.27	15.14	
5	256QAM	25	0	14.99	15.16	15.05	



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Channel				131987	132322	132657	Tune-up limit
Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	19.70	20.05	19.96	21.7
3	QPSK	1	8	19.70	19.97	19.93	
3	QPSK	1	14	19.83	19.92	19.87	
3	QPSK	8	0	18.80	19.00	19.02	20.7
3	QPSK	8	4	18.78	19.04	18.92	
3	QPSK	8	7	18.81	19.03	18.95	
3	QPSK	15	0	18.74	18.98	18.97	20.7
3	16QAM	1	0	19.01	19.28	19.20	
3	16QAM	1	8	18.96	19.35	19.20	
3	16QAM	1	14	19.11	19.30	19.22	19.7
3	16QAM	8	0	17.72	18.05	17.95	
3	16QAM	8	4	17.78	18.03	18.01	
3	16QAM	8	7	17.74	18.07	18.05	19.7
3	16QAM	15	0	17.74	17.97	17.97	
3	64QAM	1	0	17.85	18.13	18.05	
3	64QAM	1	8	17.89	18.12	18.08	18.7
3	64QAM	1	14	17.97	18.04	17.97	
3	64QAM	8	0	16.86	16.98	16.97	
3	64QAM	8	4	16.79	17.01	16.94	16.7
3	64QAM	8	7	16.79	17.03	16.99	
3	64QAM	15	0	16.75	16.97	16.93	
3	256QAM	1	0	16.09	16.24	16.21	16.7
3	256QAM	1	8	16.00	16.22	16.25	
3	256QAM	1	14	16.19	16.20	16.21	
3	256QAM	8	0	14.82	15.21	15.13	16.7
3	256QAM	8	4	14.83	15.08	15.09	
3	256QAM	8	7	14.87	15.23	15.14	
3	256QAM	15	0	14.93	15.12	15.08	
Channel				131979	132322	132665	Tune-up limit
Frequency (MHz)				1710.7	1745	1779.3	(dBm)
1.4	QPSK	1	0	19.90	20.10	20.09	21.7
1.4	QPSK	1	3	19.86	20.04	20.14	
1.4	QPSK	1	5	19.97	20.10	19.91	
1.4	QPSK	3	0	19.92	20.08	20.07	
1.4	QPSK	3	1	19.73	20.13	20.05	
1.4	QPSK	3	3	19.92	20.10	20.05	
1.4	QPSK	6	0	18.84	19.09	19.12	20.7
1.4	16QAM	1	0	18.95	19.09	19.07	20.7
1.4	16QAM	1	3	18.97	19.24	19.24	
1.4	16QAM	1	5	18.82	19.21	19.05	
1.4	16QAM	3	0	19.17	19.49	19.43	
1.4	16QAM	3	1	19.20	19.57	19.30	
1.4	16QAM	3	3	19.25	19.42	19.38	
1.4	16QAM	6	0	17.79	18.09	18.06	19.7
1.4	64QAM	1	0	18.03	18.07	18.15	19.7
1.4	64QAM	1	3	17.97	18.23	18.28	
1.4	64QAM	1	5	17.89	18.23	18.17	
1.4	64QAM	3	0	18.05	18.21	18.25	
1.4	64QAM	3	1	18.10	18.25	18.32	
1.4	64QAM	3	3	18.09	18.30	18.09	
1.4	64QAM	6	0	16.85	17.11	17.21	18.7
1.4	256QAM	1	0	14.93	15.30	15.38	16.7
1.4	256QAM	1	3	14.96	15.38	15.19	
1.4	256QAM	1	5	15.07	15.49	15.25	
1.4	256QAM	3	0	15.08	15.28	15.40	
1.4	256QAM	3	1	14.92	15.18	15.26	
1.4	256QAM	3	3	15.06	15.35	15.38	
1.4	256QAM	6	0	15.12	15.20	15.14	16.7



<LTE Band 66_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.14	22.40	22.51	
20	QPSK	1	49	22.00	22.21	22.34	23.6
20	QPSK	1	99	21.97	22.24	22.40	
20	QPSK	50	0	22.00	22.20	22.35	
20	QPSK	50	24	21.94	22.17	22.25	23.6
20	QPSK	50	50	21.91	22.12	22.24	
20	QPSK	100	0	21.93	22.17	22.33	
20	16QAM	1	0	21.90	22.25	22.35	23.6
20	16QAM	1	49	22.01	22.34	22.46	
20	16QAM	1	99	21.98	22.20	22.36	
20	16QAM	50	0	21.88	22.11	22.32	23.6
20	16QAM	50	24	21.96	22.18	22.29	
20	16QAM	50	50	21.88	22.21	22.32	
20	16QAM	100	0	21.90	22.21	22.31	23.2
20	64QAM	1	0	22.03	22.27	22.43	
20	64QAM	1	49	21.98	22.24	22.36	
20	64QAM	1	99	21.91	22.17	22.33	22.2
20	64QAM	50	0	20.80	21.07	21.13	
20	64QAM	50	24	20.83	21.09	21.14	
20	64QAM	50	50	20.87	21.10	21.28	20.2
20	64QAM	100	0	20.83	21.13	21.29	
20	256QAM	1	0	18.69	18.89	19.06	
20	256QAM	1	49	18.81	19.08	19.17	20.2
20	256QAM	1	99	18.89	19.20	19.30	
20	256QAM	50	0	18.93	19.24	19.34	
20	256QAM	50	24	18.88	19.16	19.25	20.2
20	256QAM	50	50	18.88	19.10	19.25	
20	256QAM	100	0	18.90	19.14	19.31	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.06	22.33	22.45	
15	QPSK	1	37	21.92	22.17	22.30	23.6
15	QPSK	1	74	21.89	22.14	22.36	
15	QPSK	36	0	21.91	22.14	22.28	23.6
15	QPSK	36	20	21.88	22.08	22.16	
15	QPSK	36	39	21.87	22.04	22.15	
15	QPSK	75	0	21.84	22.10	22.30	23.6
15	16QAM	1	0	21.89	22.19	22.25	
15	16QAM	1	37	21.91	22.32	22.37	
15	16QAM	1	74	21.95	22.16	22.27	23.6
15	16QAM	36	0	21.86	22.07	22.27	
15	16QAM	36	20	21.94	22.15	22.27	
15	16QAM	36	39	21.82	22.20	22.23	23.2
15	16QAM	75	0	21.85	22.15	22.22	
15	64QAM	1	0	22.00	22.24	22.42	
15	64QAM	1	37	21.94	22.23	22.26	22.2
15	64QAM	1	74	21.82	22.13	22.23	
15	64QAM	36	0	20.77	20.97	21.08	
15	64QAM	36	20	20.79	21.05	21.04	20.2
15	64QAM	36	39	20.80	21.09	21.26	
15	64QAM	75	0	20.80	21.03	21.22	
15	256QAM	1	0	18.67	18.84	19.04	20.2
15	256QAM	1	37	18.71	19.01	19.10	
15	256QAM	1	74	18.88	19.10	19.22	
15	256QAM	36	0	18.87	19.15	19.26	20.2
15	256QAM	36	20	18.82	19.10	19.18	



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15	256QAM	36	39	18.87	19.09	19.18	Tune-up limit (dBm)
15	256QAM	75	0	18.88	19.05	19.22	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.13	22.31	22.45	23.6
10	QPSK	1	25	21.92	22.15	22.28	
10	QPSK	1	49	21.94	22.15	22.35	
10	QPSK	25	0	21.92	22.16	22.33	23.6
10	QPSK	25	12	21.92	22.07	22.17	
10	QPSK	25	25	21.89	22.03	22.23	
10	QPSK	50	0	21.89	22.15	22.32	
10	16QAM	1	0	21.82	22.17	22.34	23.6
10	16QAM	1	25	21.96	22.33	22.38	
10	16QAM	1	49	21.89	22.13	22.33	
10	16QAM	25	0	21.81	22.09	22.26	23.6
10	16QAM	25	12	21.92	22.08	22.27	
10	16QAM	25	25	21.84	22.11	22.28	
10	16QAM	50	0	21.82	22.16	22.21	
10	64QAM	1	0	21.99	22.20	22.42	23.2
10	64QAM	1	25	21.89	22.23	22.28	
10	64QAM	1	49	21.87	22.16	22.27	
10	64QAM	25	0	20.70	21.04	21.04	22.2
10	64QAM	25	12	20.74	21.02	21.04	
10	64QAM	25	25	20.77	21.01	21.23	
10	64QAM	50	0	20.82	21.08	21.20	
10	256QAM	1	0	18.67	18.88	18.98	20.2
10	256QAM	1	25	18.79	19.02	19.09	
10	256QAM	1	49	18.86	19.14	19.20	
10	256QAM	25	0	18.92	19.16	19.27	20.2
10	256QAM	25	12	18.87	19.14	19.24	
10	256QAM	25	25	18.81	19.05	19.20	
10	256QAM	50	0	18.89	19.10	19.23	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.13	22.38	22.50	23.6
5	QPSK	1	12	21.99	22.19	22.27	
5	QPSK	1	24	21.90	22.15	22.36	
5	QPSK	12	0	21.99	22.14	22.34	23.6
5	QPSK	12	7	21.87	22.12	22.22	
5	QPSK	12	13	21.81	22.04	22.17	
5	QPSK	25	0	21.89	22.11	22.27	
5	16QAM	1	0	21.88	22.22	22.31	23.6
5	16QAM	1	12	21.91	22.31	22.42	
5	16QAM	1	24	21.89	22.10	22.34	
5	16QAM	12	0	21.81	22.02	22.24	23.6
5	16QAM	12	7	21.90	22.10	22.22	
5	16QAM	12	13	21.78	22.16	22.25	
5	16QAM	25	0	21.83	22.11	22.24	
5	64QAM	1	0	21.95	22.17	22.39	23.2
5	64QAM	1	12	21.95	22.16	22.31	
5	64QAM	1	24	21.89	22.13	22.31	
5	64QAM	12	0	20.77	21.04	21.03	22.2
5	64QAM	12	7	20.82	21.02	21.13	
5	64QAM	12	13	20.83	21.02	21.21	
5	64QAM	25	0	20.81	21.04	21.22	
5	256QAM	1	0	18.61	18.82	19.05	20.2
5	256QAM	1	12	18.73	18.98	19.13	
5	256QAM	1	24	18.88	19.10	19.22	
5	256QAM	12	0	18.83	19.20	19.31	20.2
5	256QAM	12	7	18.78	19.09	19.17	
5	256QAM	12	13	18.86	19.08	19.15	
5	256QAM	25	0	18.88	19.04	19.27	
Channel				131987	132322	132657	Tune-up limit



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Frequency (MHz)				1711.5	1745	1778.5	(dBm)
3	QPSK	1	0	22.09	22.32	22.43	23.6
3	QPSK	1	8	21.93	22.15	22.29	
3	QPSK	1	14	21.90	22.14	22.30	
3	QPSK	8	0	21.94	22.13	22.33	23.6
3	QPSK	8	4	21.91	22.14	22.24	
3	QPSK	8	7	21.81	22.04	22.17	
3	QPSK	15	0	21.84	22.11	22.25	
3	16QAM	1	0	21.89	22.15	22.27	23.6
3	16QAM	1	8	21.98	22.25	22.45	
3	16QAM	1	14	21.96	22.18	22.29	
3	16QAM	8	0	21.81	22.07	22.29	23.6
3	16QAM	8	4	21.93	22.17	22.20	
3	16QAM	8	7	21.85	22.19	22.22	
3	16QAM	15	0	21.84	22.13	22.23	
3	64QAM	1	0	21.95	22.17	22.41	23.2
3	64QAM	1	8	21.89	22.18	22.26	
3	64QAM	1	14	21.84	22.08	22.25	
3	64QAM	8	0	20.77	21.05	21.04	22.2
3	64QAM	8	4	20.73	21.01	21.08	
3	64QAM	8	7	20.80	21.03	21.19	
3	64QAM	15	0	20.81	21.09	21.19	
3	256QAM	1	0	18.63	18.84	19.05	20.2
3	256QAM	1	8	18.71	19.02	19.13	
3	256QAM	1	14	18.88	19.18	19.23	
3	256QAM	8	0	18.87	19.15	19.31	20.2
3	256QAM	8	4	18.80	19.12	19.19	
3	256QAM	8	7	18.81	19.06	19.22	
3	256QAM	15	0	18.85	19.09	19.23	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.08	22.37	22.45	23.6
1.4	QPSK	1	3	21.93	22.20	22.31	
1.4	QPSK	1	5	21.95	22.16	22.34	
1.4	QPSK	3	0	21.91	22.11	22.29	
1.4	QPSK	3	1	21.89	22.12	22.20	
1.4	QPSK	3	3	21.83	22.02	22.21	
1.4	QPSK	6	0	21.90	22.08	22.30	23.6
1.4	16QAM	1	0	21.83	22.24	22.31	23.6
1.4	16QAM	1	3	21.99	22.30	22.43	
1.4	16QAM	1	5	21.93	22.10	22.26	
1.4	16QAM	3	0	21.78	22.01	22.22	
1.4	16QAM	3	1	21.90	22.15	22.22	
1.4	16QAM	3	3	21.82	22.20	22.25	
1.4	16QAM	6	0	21.84	22.14	22.27	23.6
1.4	64QAM	1	0	21.97	22.18	22.37	23.2
1.4	64QAM	1	3	21.96	22.15	22.26	
1.4	64QAM	1	5	21.90	22.15	22.32	
1.4	64QAM	3	0	21.29	21.47	21.55	
1.4	64QAM	3	1	21.27	21.49	21.57	
1.4	64QAM	3	3	21.32	21.57	21.77	
1.4	64QAM	6	0	20.76	21.10	21.21	22.2
1.4	256QAM	1	0	18.61	18.82	19.00	20.2
1.4	256QAM	1	3	18.74	19.06	19.14	
1.4	256QAM	1	5	18.84	19.13	19.21	
1.4	256QAM	3	0	18.83	19.15	19.29	
1.4	256QAM	3	1	18.85	19.09	19.21	
1.4	256QAM	3	3	18.79	19.05	19.15	
1.4	256QAM	6	0	18.87	19.07	19.27	20.2



<LTE Band 71_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.54	23.65	23.64	
20	QPSK	1	49	23.48	23.60	23.62	25.2
20	QPSK	1	99	23.50	23.56	23.58	
20	QPSK	50	0	22.53	22.63	22.66	
20	QPSK	50	24	22.58	22.58	22.67	24.2
20	QPSK	50	50	22.60	22.69	22.68	
20	QPSK	100	0	22.57	22.65	22.64	
20	16QAM	1	0	22.76	22.92	22.89	24.2
20	16QAM	1	49	22.72	23.00	22.93	
20	16QAM	1	99	22.82	22.93	22.93	
20	16QAM	50	0	21.50	21.58	21.60	23.2
20	16QAM	50	24	21.58	21.69	21.66	
20	16QAM	50	50	21.58	21.69	21.75	
20	16QAM	100	0	21.59	21.67	21.70	23.2
20	64QAM	1	0	21.75	21.65	21.81	
20	64QAM	1	49	21.58	21.82	21.91	
20	64QAM	1	99	21.61	21.85	21.73	22.2
20	64QAM	50	0	20.50	20.59	20.64	
20	64QAM	50	24	20.58	20.66	20.65	
20	64QAM	50	50	20.55	20.70	20.74	20.2
20	64QAM	100	0	20.57	20.61	20.74	
20	256QAM	1	0	18.64	18.67	18.75	
20	256QAM	1	49	18.60	18.68	18.82	20.2
20	256QAM	1	99	18.75	18.87	18.89	
20	256QAM	50	0	18.55	18.67	18.72	
20	256QAM	50	24	18.56	18.70	18.75	20.2
20	256QAM	50	50	18.61	18.75	18.78	
20	256QAM	100	0	18.66	18.69	18.77	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.38	23.46	23.54	
15	QPSK	1	37	23.37	23.45	23.47	25.2
15	QPSK	1	74	23.34	23.39	23.43	
15	QPSK	36	0	22.33	22.50	22.51	
15	QPSK	36	20	22.44	22.46	22.55	24.2
15	QPSK	36	39	22.45	22.51	22.49	
15	QPSK	75	0	22.37	22.54	22.54	
15	16QAM	1	0	22.65	22.75	22.71	24.2
15	16QAM	1	37	22.57	22.89	22.76	
15	16QAM	1	74	22.69	22.76	22.77	
15	16QAM	36	0	21.40	21.46	21.46	23.2
15	16QAM	36	20	21.48	21.52	21.55	
15	16QAM	36	39	21.46	21.59	21.62	
15	16QAM	75	0	21.44	21.55	21.53	23.2
15	64QAM	1	0	21.57	21.51	21.69	
15	64QAM	1	37	21.45	21.72	21.79	
15	64QAM	1	74	21.51	21.69	21.55	22.2
15	64QAM	36	0	20.32	20.49	20.46	
15	64QAM	36	20	20.41	20.53	20.45	
15	64QAM	36	39	20.42	20.50	20.55	20.2
15	64QAM	75	0	20.38	20.48	20.63	
15	256QAM	1	0	18.50	18.47	18.59	
15	256QAM	1	37	18.40	18.54	18.62	20.2
15	256QAM	1	74	18.55	18.76	18.71	
15	256QAM	36	0	18.36	18.53	18.53	
15	256QAM	36	20	18.37	18.56	18.60	20.2
15	256QAM	36	39	18.43	18.65	18.61	
15	256QAM	75	0	18.49	18.55	18.64	



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Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.40	23.54	23.47	25.2
10	QPSK	1	25	23.36	23.49	23.49	
10	QPSK	1	49	23.32	23.37	23.46	
10	QPSK	25	0	22.35	22.44	22.49	24.2
10	QPSK	25	12	22.48	22.45	22.54	
10	QPSK	25	25	22.45	22.52	22.57	
10	QPSK	50	0	22.43	22.53	22.50	24.2
10	16QAM	1	0	22.63	22.72	22.77	
10	16QAM	1	25	22.55	22.90	22.74	
10	16QAM	1	49	22.67	22.76	22.80	23.2
10	16QAM	25	0	21.35	21.42	21.40	
10	16QAM	25	12	21.45	21.53	21.49	
10	16QAM	25	25	21.40	21.51	21.65	23.2
10	16QAM	50	0	21.49	21.53	21.52	
10	64QAM	1	0	21.55	21.47	21.62	
10	64QAM	1	25	21.42	21.72	21.76	22.2
10	64QAM	1	49	21.42	21.74	21.55	
10	64QAM	25	0	20.36	20.42	20.49	
10	64QAM	25	12	20.40	20.55	20.48	20.2
10	64QAM	25	25	20.42	20.60	20.59	
10	64QAM	50	0	20.47	20.48	20.59	
10	256QAM	1	0	18.53	18.53	18.64	20.2
10	256QAM	1	25	18.47	18.57	18.66	
10	256QAM	1	49	18.62	18.72	18.77	
10	256QAM	25	0	18.38	18.52	18.62	20.2
10	256QAM	25	12	18.40	18.51	18.59	
10	256QAM	25	25	18.51	18.61	18.66	
10	256QAM	50	0	18.46	18.52	18.61	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.35	23.48	23.49	25.2
5	QPSK	1	12	23.35	23.50	23.50	
5	QPSK	1	24	23.31	23.46	23.48	
5	QPSK	12	0	22.43	22.52	22.56	24.2
5	QPSK	12	7	22.46	22.40	22.52	
5	QPSK	12	13	22.48	22.56	22.50	
5	QPSK	25	0	22.38	22.45	22.45	24.2
5	16QAM	1	0	22.64	22.80	22.73	
5	16QAM	1	12	22.52	22.89	22.78	
5	16QAM	1	24	22.66	22.73	22.73	23.2
5	16QAM	12	0	21.34	21.40	21.49	
5	16QAM	12	7	21.48	21.54	21.51	
5	16QAM	12	13	21.44	21.56	21.58	23.2
5	16QAM	25	0	21.40	21.50	21.53	
5	64QAM	1	0	21.64	21.47	21.64	
5	64QAM	1	12	21.42	21.67	21.78	22.2
5	64QAM	1	24	21.48	21.72	21.57	
5	64QAM	12	0	20.36	20.44	20.46	
5	64QAM	12	7	20.48	20.48	20.47	20.2
5	64QAM	12	13	20.44	20.56	20.62	
5	64QAM	25	0	20.37	20.46	20.57	
5	256QAM	1	0	18.49	18.49	18.55	20.2
5	256QAM	1	12	18.41	18.49	18.63	
5	256QAM	1	24	18.62	18.73	18.74	
5	256QAM	12	0	18.35	18.48	18.58	20.2
5	256QAM	12	7	18.36	18.52	18.63	
5	256QAM	12	13	18.41	18.64	18.64	
5	256QAM	25	0	18.55	18.52	18.60	

<FR1 n2_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	23.10	23.22	23.23	23.8
20	PI/2 BPSK	1	53	22.80	22.99	22.82	
20	PI/2 BPSK	1	104	23.02	23.16	23.05	
20	PI/2 BPSK	50	0	22.90	23.04	22.98	23.8
20	PI/2 BPSK	50	28	22.95	23.09	23.07	23.8
20	PI/2 BPSK	50	56	22.91	23.04	22.98	23.8
20	PI/2 BPSK	100	0	22.87	22.99	22.93	
20	QPSK	1	1	23.00	23.04	22.93	23.8
20	QPSK	1	53	22.93	23.05	22.90	
20	QPSK	1	104	23.00	23.18	23.07	
20	QPSK	50	0	22.83	22.98	22.99	23.8
20	QPSK	50	28	22.98	23.06	23.03	23.8
20	QPSK	50	56	22.87	23.01	23.03	23.8
20	QPSK	100	0	22.91	23.04	22.98	
20	16QAM	1	1	22.04	22.19	22.05	23.8
20	64QAM	1	1	21.80	21.93	21.88	22.7
20	256QAM	1	1	19.76	19.87	19.84	20.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.09	23.19	23.17	23.8
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.00	23.16	23.21	23.8
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.07	23.15	23.15	23.8



<FR1 n2_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	Tune-up limit (dBm)
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.51	21.44	21.45	22.4
20	PI/2 BPSK	1	53	21.42	21.36	21.31	
20	PI/2 BPSK	1	104	21.34	21.33	21.35	
20	PI/2 BPSK	50	0	21.42	21.26	21.33	22.4
20	PI/2 BPSK	50	28	21.48	21.37	21.41	22.4
20	PI/2 BPSK	50	56	21.46	21.38	21.34	22.4
20	PI/2 BPSK	100	0	21.36	21.32	21.32	
20	QPSK	1	1	21.29	21.22	21.16	22.4
20	QPSK	1	53	21.20	21.17	21.22	
20	QPSK	1	104	21.28	21.08	21.20	
20	QPSK	50	0	21.31	21.21	21.26	22.4
20	QPSK	50	28	21.29	21.23	21.24	22.4
20	QPSK	50	56	21.40	21.27	21.28	22.4
20	QPSK	100	0	21.36	21.30	21.28	
20	16QAM	1	1	21.35	21.31	21.26	22.4
20	64QAM	1	1	21.41	21.27	21.30	22.4
20	256QAM	1	1	20.23	20.40	20.31	20.7
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.35	21.34	21.25	22.4
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.33	21.34	21.32	22.4
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.40	21.25	21.30	22.4



<FR1 n5_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.84	24.88	24.79	
20	PI/2 BPSK	1	53	24.62	24.82	24.72	25.2
20	PI/2 BPSK	1	104	24.46	24.60	24.40	
20	PI/2 BPSK	50	0	24.10	24.29	24.12	
20	PI/2 BPSK	50	28	24.71	24.81	24.69	24.7
20	PI/2 BPSK	50	56	24.04	24.14	24.01	25.2
20	PI/2 BPSK	100	0	24.11	24.27	24.09	
20	QPSK	1	1	24.59	24.76	24.62	
20	QPSK	1	53	24.61	24.79	24.63	25.2
20	QPSK	1	104	24.39	24.59	24.45	
20	QPSK	50	0	23.59	23.79	23.69	
20	QPSK	50	28	24.68	24.86	24.76	24.2
20	QPSK	50	56	23.50	23.69	23.57	25.2
20	QPSK	100	0	23.63	23.75	23.63	
20	16QAM	1	1	23.86	24.00	23.84	
20	64QAM	1	1	22.46	22.57	22.43	24.2
20	256QAM	1	1	20.38	20.58	20.44	22.7
Channel				166300	167300	168300	20.7
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.69	24.69	24.63	
Channel				165800	167300	168800	25.2
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.71	24.74	24.66	
Channel				165300	167300	169300	25.2
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.68	24.75	24.68	



<FR1 n7_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.04	24.19	24.01	
40	PI/2 BPSK	1	108	23.79	23.96	23.81	24.3
40	PI/2 BPSK	1	214	23.64	23.80	23.60	
40	PI/2 BPSK	108	0	23.29	23.49	23.37	
40	PI/2 BPSK	108	54	23.87	24.01	23.85	23.8
40	PI/2 BPSK	108	108	23.29	23.48	23.28	24.3
40	PI/2 BPSK	216	0	23.30	23.49	23.37	
40	QPSK	1	1	24.00	24.15	24.01	
40	QPSK	1	108	23.92	24.07	23.95	24.3
40	QPSK	1	214	23.67	23.83	23.70	
40	QPSK	108	0	22.80	22.98	22.83	
40	QPSK	108	54	23.95	24.05	23.89	23.3
40	QPSK	108	108	22.76	22.96	22.81	24.3
40	QPSK	216	0	22.82	22.98	22.83	
40	16QAM	1	1	22.97	23.14	23.04	
40	64QAM	1	1	21.65	21.78	21.60	23.3
40	256QAM	1	1	19.53	19.66	19.52	21.8
Channel				503000	507000	511000	19.8
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.94	24.07	23.84	
Channel				502500	507000	511500	24.3
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.89	23.99	23.83	
Channel				502000	507000	512000	24.3
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.86	24.07	23.91	
Channel				501500	507000	512500	24.3
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.89	24.03	23.85	
Channel				501000	507000	513000	24.3
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.87	24.06	23.88	
Channel				500500	507000	513500	24.3
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.87	24.04	23.82	

<FR1 n12_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.85	24.76	24.80	
15	PI/2 BPSK	1	40	24.58	24.72	24.55	25.2
15	PI/2 BPSK	1	77	24.30	24.50	24.33	
15	PI/2 BPSK	36	0	23.97	24.08	23.93	
15	PI/2 BPSK	36	22	24.33	24.52	24.41	25.2
15	PI/2 BPSK	36	43	23.89	24.01	23.81	24.7
15	PI/2 BPSK	75	0	23.96	24.08	23.92	
15	QPSK	1	1	24.50	24.66	24.53	
15	QPSK	1	40	24.55	24.68	24.53	25.2
15	QPSK	1	77	24.32	24.47	24.34	
15	QPSK	36	0	23.43	23.59	23.42	
15	QPSK	36	22	24.40	24.51	24.31	25.2
15	QPSK	36	43	23.30	23.50	23.39	24.2
15	QPSK	75	0	23.44	23.62	23.43	
15	16QAM	1	1	23.72	23.83	23.72	
15	64QAM	1	1	22.19	22.32	22.12	22.7
15	256QAM	1	1	20.23	20.35	20.21	20.7
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.74	24.63	24.64	
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.74	24.59	24.65	

<FR1 n13_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		24.66		
10	PI/2 BPSK	1	26		24.55		25.2
10	PI/2 BPSK	1	50		24.62		
10	PI/2 BPSK	25	0		23.97		
10	PI/2 BPSK	25	14		24.50		24.7
10	PI/2 BPSK	25	27		23.95		25.2
10	PI/2 BPSK	50	0		24.04		
10	QPSK	1	1		24.50		
10	QPSK	1	26		24.53		25.2
10	QPSK	1	50		24.60		
10	QPSK	25	0		23.48		
10	QPSK	25	14		24.45		24.2
10	QPSK	25	27		23.47		25.2
10	QPSK	50	0		23.55		
10	16QAM	1	1		23.61		
10	64QAM	1	1		22.08		22.7
10	256QAM	1	1		20.10		20.7
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	24.43	24.45	24.32	



<FR1 n14_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.16		25.2
10	PI/2 BPSK	1	26		24.12		
10	PI/2 BPSK	1	50		24.06		
10	PI/2 BPSK	25	0		23.48		24.7
10	PI/2 BPSK	25	14		24.09		25.2
10	PI/2 BPSK	25	27		23.50		24.7
10	PI/2 BPSK	50	0		23.59		
10	QPSK	1	1		24.11		25.2
10	QPSK	1	26		24.10		
10	QPSK	1	50		24.08		
10	QPSK	25	0		23.14		24.2
10	QPSK	25	14		24.04		25.2
10	QPSK	25	27		23.03		24.2
10	QPSK	50	0		23.05		
10	16QAM	1	1		23.17		24.2
10	64QAM	1	1		21.74		22.7
10	256QAM	1	1		19.60		20.7
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.03	24.12	23.98	25.2



<FR1 n25_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	23.8
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	22.43	22.59	22.52	
40	PI/2 BPSK	1	108	22.30	22.52	22.37	23.8
40	PI/2 BPSK	1	214	22.40	22.58	22.41	
40	PI/2 BPSK	108	0	22.33	22.48	22.45	
40	PI/2 BPSK	108	54	22.40	22.53	22.49	23.8
40	PI/2 BPSK	108	108	22.36	22.49	22.46	23.8
40	PI/2 BPSK	216	0	22.37	22.47	22.40	
40	QPSK	1	1	22.41	22.50	22.46	
40	QPSK	1	108	22.40	22.45	22.35	23.8
40	QPSK	1	214	22.38	22.50	22.32	
40	QPSK	108	0	22.29	22.41	22.41	
40	QPSK	108	54	22.33	22.47	22.45	23.8
40	QPSK	108	108	22.29	22.42	22.41	23.8
40	QPSK	216	0	22.28	22.38	22.38	
40	16QAM	1	1	21.94	21.99	21.95	
40	64QAM	1	1	21.66	21.89	21.65	22.7
40	256QAM	1	1	19.87	19.90	19.84	20.7
Channel				373000		380000	23.8
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	22.40	22.49	22.48	
Channel				372500	376500	380500	23.8
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	22.38	22.52	22.50	
Channel				372000	376500	381000	23.8
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	22.41	22.53	22.42	
Channel				371500	376500	381500	23.8
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	22.35	22.56	22.42	
Channel				371000	376500	382000	23.8
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	22.34	22.56	22.49	
Channel				370500	376500	382500	23.8
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	22.33	22.52	22.43	

<FR1 n25_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	22.9
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	21.63	21.69	21.20	
40	PI/2 BPSK	1	108	21.43	21.57	21.09	22.9
40	PI/2 BPSK	1	214	21.59	21.63	21.12	
40	PI/2 BPSK	108	0	21.37	21.50	20.99	
40	PI/2 BPSK	108	54	21.46	21.56	21.07	22.9
40	PI/2 BPSK	108	108	21.44	21.50	21.05	22.9
40	PI/2 BPSK	216	0	21.48	21.48	21.04	
40	QPSK	1	1	21.51	21.52	21.04	
40	QPSK	1	108	21.29	21.46	20.92	22.9
40	QPSK	1	214	21.44	21.45	20.93	
40	QPSK	108	0	21.18	21.33	21.20	
40	QPSK	108	54	21.30	21.37	20.92	22.9
40	QPSK	108	108	21.24	21.34	20.91	22.9
40	QPSK	216	0	21.38	21.34	21.06	
40	16QAM	1	1	21.33	21.29	21.16	
40	64QAM	1	1	21.43	21.50	21.26	22.7
40	256QAM	1	1	19.38	19.61	19.45	21.2
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.45	21.52	21.07	
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.48	21.49	21.01	
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.44	21.58	21.09	
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.46	21.51	21.01	
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.44	21.57	21.03	
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.47	21.51	21.08	



<FR1 n26_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	25.2
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	24.79	24.81	24.80	
20	PI/2 BPSK	1	53	24.64	24.74	24.64	24.7
20	PI/2 BPSK	1	104	24.42	24.60	24.43	
20	PI/2 BPSK	50	0	24.15	24.26	24.07	
20	PI/2 BPSK	50	28	24.59	24.70	24.58	24.7
20	PI/2 BPSK	50	56	23.97	24.11	23.94	
20	PI/2 BPSK	100	0	24.00	24.20	24.08	
20	QPSK	1	1	24.53	24.70	24.55	25.2
20	QPSK	1	53	24.53	24.73	24.57	
20	QPSK	1	104	24.46	24.58	24.44	
20	QPSK	50	0	23.62	23.75	23.62	24.2
20	QPSK	50	28	24.50	24.69	24.58	
20	QPSK	50	56	23.52	23.68	23.55	
20	QPSK	100	0	23.55	23.71	23.51	22.7
20	16QAM	1	1	23.62	23.82	23.62	
20	64QAM	1	1	22.16	22.35	22.19	
20	256QAM	1	1	20.22	20.35	20.22	20.7
Channel				164300	166300	168300	25.2
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	24.54	24.62	24.46	
Channel				163800	166300	168800	25.2
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	24.47	24.56	24.51	
Channel				163300	166300	169300	25.2
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	24.52	24.64	24.49	



<FR1 n30_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.08		24.2
10	PI/2 BPSK	1	26		23.06		
10	PI/2 BPSK	1	50		23.02		
10	PI/2 BPSK	25	0		22.98		24.2
10	PI/2 BPSK	25	14		23.02		24.2
10	PI/2 BPSK	25	27		22.93		24.2
10	PI/2 BPSK	50	0		22.94		
10	QPSK	1	1		22.98		24.2
10	QPSK	1	26		22.96		
10	QPSK	1	50		22.83		
10	QPSK	25	0		22.81		24.2
10	QPSK	25	14		22.88		24.2
10	QPSK	25	27		22.77		24.2
10	QPSK	50	0		22.77		
10	16QAM	1	1		23.00		24.2
10	64QAM	1	1		22.23		22.7
10	256QAM	1	1		20.06		20.7
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.04	23.06	23.03	24.2



<FR1 n38_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	23.46	23.66	23.51	
40	PI/2 BPSK	1	53	23.22	23.31	23.26	24.1
40	PI/2 BPSK	1	104	23.39	23.61	23.37	
40	PI/2 BPSK	50	0	22.75	22.88	22.73	
40	PI/2 BPSK	50	28	23.24	23.39	23.27	24.1
40	PI/2 BPSK	50	56	22.71	22.96	22.73	24.1
40	PI/2 BPSK	100	0	22.71	22.89	22.73	
40	QPSK	1	1	23.31	23.58	23.37	
40	QPSK	1	53	23.27	23.47	23.23	24.1
40	QPSK	1	104	23.35	23.56	23.34	
40	QPSK	50	0	22.21	22.36	22.25	
40	QPSK	50	28	23.24	23.32	23.21	24.1
40	QPSK	50	56	22.22	22.44	22.20	24.1
40	QPSK	100	0	22.21	22.36	22.26	
40	16QAM	1	1	22.31	22.59	22.41	
40	64QAM	1	1	20.96	21.11	20.95	22.7
40	256QAM	1	1	18.73	19.02	18.85	20.7
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	22.96	23.06	23.09	
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.93	22.99	23.00	



<FR1 n41_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.30	23.33	23.22	
100	PI/2 BPSK	1	137	23.12	23.21	22.99	24.1
100	PI/2 BPSK	1	271	23.22	23.26	23.20	
100	PI/2 BPSK	135	0	23.15	23.22	22.97	
100	PI/2 BPSK	135	69	23.22	23.29	23.15	24.1
100	PI/2 BPSK	135	138	23.13	23.21	22.93	24.1
100	PI/2 BPSK	270	0	23.21	23.26	23.07	
100	QPSK	1	1	23.01	23.06	22.81	
100	QPSK	1	137	23.08	23.11	22.92	24.1
100	QPSK	1	271	23.04	23.14	22.89	
100	QPSK	135	0	23.00	22.97	22.82	
100	QPSK	135	69	23.05	23.16	22.84	24.1
100	QPSK	135	138	22.77	22.75	22.43	24.1
100	QPSK	270	0	22.55	22.56	22.24	
100	16QAM	1	1	22.48	22.45	22.30	
100	64QAM	1	1	21.03	20.99	20.96	22.7
100	256QAM	1	1	18.93	18.95	18.70	20.7
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.17	23.07	23.12	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.25	23.13	23.01	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.11	23.19	23.06	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.11	23.16	23.01	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.06	23.03	23.07	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.15	23.17	22.98	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.19	23.21	22.99	



<FR1 n41_Ant 2_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.16	21.55	21.03	
100	PI/2 BPSK	1	137	21.02	21.47	20.89	22.0
100	PI/2 BPSK	1	271	20.96	21.43	20.90	
100	PI/2 BPSK	135	0	20.95	21.39	20.80	
100	PI/2 BPSK	135	69	20.97	21.43	20.88	22.0
100	PI/2 BPSK	135	138	20.93	21.42	20.80	22.0
100	PI/2 BPSK	270	0	20.92	21.38	20.85	
100	QPSK	1	1	21.01	21.41	20.83	
100	QPSK	1	137	20.96	21.44	20.91	22.0
100	QPSK	1	271	21.01	21.48	20.91	
100	QPSK	135	0	21.03	21.43	20.86	
100	QPSK	135	69	20.88	21.36	20.77	22.0
100	QPSK	135	138	21.00	21.44	20.82	22.0
100	QPSK	270	0	21.08	21.48	20.87	
100	16QAM	1	1	20.97	21.43	20.87	
100	64QAM	1	1	20.70	21.17	20.60	22.0
100	256QAM	1	1	19.12	19.56	19.03	20.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.96	21.35	20.87	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.96	21.35	20.93	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.39	20.89	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.98	21.38	20.92	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.43	20.89	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.05	21.43	20.83	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.97	21.38	20.89	



<FR1 n41_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.98	21.16	21.58	
100	PI/2 BPSK	1	137	20.53	20.66	21.09	22.0
100	PI/2 BPSK	1	271	20.77	20.87	21.29	
100	PI/2 BPSK	135	0	19.83	20.01	20.48	
100	PI/2 BPSK	135	69	20.12	20.09	20.52	22.0
100	PI/2 BPSK	135	138	19.67	19.85	20.32	21.5
100	PI/2 BPSK	270	0	19.54	19.60	20.02	
100	QPSK	1	1	20.16	20.06	20.56	
100	QPSK	1	137	20.02	20.19	20.59	22.0
100	QPSK	1	271	20.80	20.98	21.48	
100	QPSK	135	0	20.45	20.57	19.82	
100	QPSK	135	69	20.00	20.10	20.54	22.0
100	QPSK	135	138	19.26	19.36	19.85	21.0
100	QPSK	270	0	19.06	19.17	19.61	
100	16QAM	1	1	20.17	20.36	20.85	
100	64QAM	1	1	18.89	19.08	19.46	19.5
100	256QAM	1	1	17.12	17.30	17.48	17.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.83	20.94	21.41	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.85	20.96	21.44	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.86	20.97	21.47	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.83	20.89	21.47	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.80	20.97	21.48	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.85	20.89	21.42	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.78	20.95	21.39	



<FR1 n41_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.08	21.87	20.12	
100	PI/2 BPSK	1	137	20.04	21.80	20.06	22.0
100	PI/2 BPSK	1	271	20.06	21.83	20.07	
100	PI/2 BPSK	135	0	20.03	21.85	20.07	
100	PI/2 BPSK	135	69	20.01	21.77	20.04	22.0
100	PI/2 BPSK	135	138	20.09	21.84	20.08	22.0
100	PI/2 BPSK	270	0	20.06	21.79	20.01	
100	QPSK	1	1	20.02	21.82	20.08	
100	QPSK	1	137	20.03	21.82	20.10	22.0
100	QPSK	1	271	20.01	21.84	20.00	
100	QPSK	135	0	20.06	21.84	20.04	
100	QPSK	135	69	20.02	21.83	20.08	22.0
100	QPSK	135	138	20.02	21.77	20.09	22.0
100	QPSK	270	0	20.06	21.76	20.07	
100	16QAM	1	1	20.00	21.78	20.03	
100	64QAM	1	1	20.03	20.66	20.10	21.0
100	256QAM	1	1	18.19	18.85	18.27	20.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.20	21.70	20.23	
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.26	21.70	20.31	
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.11	21.74	20.10	
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.16	21.70	20.13	
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.20	21.77	20.20	
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.13	21.75	20.01	
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.10	21.67	20.16	



<FR1 n41_HPUE_Ant 5_DSI 3
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.22	25.58	25.43	27.0
100	PI/2 BPSK	1	137	25.04	25.46	25.29	
100	PI/2 BPSK	1	271	25.01	25.04	25.08	
100	PI/2 BPSK	135	0	24.58	24.81	24.65	26.5
100	PI/2 BPSK	135	69	25.07	25.49	25.29	27.0
100	PI/2 BPSK	135	138	24.51	24.51	24.52	26.5
100	PI/2 BPSK	270	0	24.53	24.76	24.52	
100	QPSK	1	1	25.08	25.44	25.27	27.0
100	QPSK	1	137	25.02	25.44	25.26	
100	QPSK	1	271	25.06	25.15	25.03	
100	QPSK	135	0	24.95	25.33	25.17	26.0
100	QPSK	135	69	25.03	25.14	25.03	27.0
100	QPSK	135	138	24.64	25.04	24.82	26.0
100	QPSK	270	0	24.05	24.35	24.18	
100	16QAM	1	1	24.06	24.52	24.35	26.0
100	64QAM	1	1	22.75	23.14	22.94	24.5
100	256QAM	1	1	20.62	21.07	20.92	22.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.10	25.31	25.14	27.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.19	25.26	25.12	27.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.20	25.30	25.16	27.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.16	25.28	25.16	27.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.17	25.34	25.16	27.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.09	25.26	25.16	27.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.07	25.18	25.20	27.0



<FR1 n48_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	22.28	22.38	22.31	22.8
40	PI/2 BPSK	1	53	22.02	22.20	22.19	
40	PI/2 BPSK	1	104	22.21	22.31	22.30	
40	PI/2 BPSK	50	0	22.10	22.22	22.10	22.3
40	PI/2 BPSK	50	28	22.08	22.28	22.15	22.8
40	PI/2 BPSK	50	56	21.99	22.19	22.05	22.3
40	PI/2 BPSK	100	0	22.05	22.20	22.11	
40	QPSK	1	1	22.18	22.29	22.28	22.8
40	QPSK	1	53	21.81	22.06	22.00	
40	QPSK	1	104	22.01	22.21	22.10	
40	QPSK	50	0	21.83	22.16	21.96	22.3
40	QPSK	50	28	21.86	22.24	21.97	22.8
40	QPSK	50	56	21.77	21.99	21.88	22.3
40	QPSK	100	0	21.86	22.03	21.89	
40	16QAM	1	1	21.58	21.97	21.82	22.3
40	64QAM	1	1	20.20	20.47	20.27	21.5
40	256QAM	1	1	18.14	18.46	18.29	19.8
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	22.21	22.31	22.29	22.8
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	22.23	22.32	22.22	22.8
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	22.23	22.29	22.29	22.8



<FR1 n48_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.31	21.62	21.48	22.7
40	PI/2 BPSK	1	53	21.07	21.41	21.25	
40	PI/2 BPSK	1	104	21.15	21.53	21.39	
40	PI/2 BPSK	50	0	21.01	21.38	21.29	22.7
40	PI/2 BPSK	50	28	21.01	21.60	21.29	22.7
40	PI/2 BPSK	50	56	20.98	21.39	21.22	22.7
40	PI/2 BPSK	100	0	21.06	21.38	21.26	
40	QPSK	1	1	20.92	21.30	21.06	22.7
40	QPSK	1	53	21.04	21.38	21.29	
40	QPSK	1	104	20.95	21.31	21.14	
40	QPSK	50	0	21.05	21.41	21.24	22.7
40	QPSK	50	28	20.88	21.20	21.14	22.7
40	QPSK	50	56	20.86	21.49	21.17	22.7
40	QPSK	100	0	20.83	21.19	21.07	
40	16QAM	1	1	20.86	21.27	21.15	22.7
40	64QAM	1	1	20.42	20.58	20.51	21.5
40	256QAM	1	1	18.23	18.42	18.33	19.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.45	21.58	21.40	22.7
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.36	21.48	21.43	22.7

<FR1 n66_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	20.36	20.56	20.55	21.6
20	PI/2 BPSK	1	53	20.29	20.41	20.43	
20	PI/2 BPSK	1	104	20.28	20.46	20.42	
20	PI/2 BPSK	50	0	20.21	20.39	20.43	21.6
20	PI/2 BPSK	50	28	20.22	20.45	20.41	21.6
20	PI/2 BPSK	50	56	20.19	20.36	20.45	21.6
20	PI/2 BPSK	100	0	20.18	20.38	20.35	
20	QPSK	1	1	20.21	20.42	20.36	21.6
20	QPSK	1	53	20.14	20.24	20.31	
20	QPSK	1	104	20.11	20.33	20.23	
20	QPSK	50	0	20.02	20.23	20.33	21.6
20	QPSK	50	28	20.08	20.28	20.30	21.6
20	QPSK	50	56	20.05	20.26	20.29	21.6
20	QPSK	100	0	19.98	20.19	20.25	
20	16QAM	1	1	20.10	20.27	20.31	21.6
20	64QAM	1	1	20.15	20.33	20.29	21.6
20	256QAM	1	1	18.93	19.03	19.00	20.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	20.18	20.25	20.29	21.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	20.18	20.28	20.23	21.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	20.12	20.26	20.26	21.6



<FR1 n66_Ant 5_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.63	22.64	22.93	23.6
20	PI/2 BPSK	1	53	22.52	22.46	22.83	
20	PI/2 BPSK	1	104	22.45	22.48	22.85	
20	PI/2 BPSK	50	0	22.43	22.41	22.79	23.6
20	PI/2 BPSK	50	28	22.55	22.52	22.87	23.6
20	PI/2 BPSK	50	56	22.45	22.55	22.85	23.6
20	PI/2 BPSK	100	0	22.45	22.49	22.84	
20	QPSK	1	1	22.54	22.61	22.90	23.6
20	QPSK	1	53	22.51	22.41	22.70	
20	QPSK	1	104	22.45	22.46	22.70	
20	QPSK	50	0	22.38	22.34	22.67	23.6
20	QPSK	50	28	22.53	22.46	22.79	23.6
20	QPSK	50	56	22.35	22.45	22.79	23.6
20	QPSK	100	0	22.37	22.48	22.72	
20	16QAM	1	1	22.45	22.79	22.84	23.2
20	64QAM	1	1	21.11	21.58	21.44	22.7
20	256QAM	1	1	19.06	19.53	19.42	20.7
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.61	22.89	22.24	23.6
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.59	22.87	22.33	23.6
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.63	22.86	22.32	23.6

<FR1 n71_Ant 1_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	25.2
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.69	24.75	24.61	
20	PI/2 BPSK	1	53	24.47	24.66	24.52	24.7
20	PI/2 BPSK	1	104	24.62	24.73	24.54	
20	PI/2 BPSK	50	0	23.93	24.08	23.95	
20	PI/2 BPSK	50	28	24.41	24.58	24.41	24.7
20	PI/2 BPSK	50	56	24.01	24.12	23.93	
20	PI/2 BPSK	100	0	23.83	24.03	23.93	
20	QPSK	1	1	24.53	24.66	24.52	25.2
20	QPSK	1	53	24.53	24.65	24.50	
20	QPSK	1	104	24.56	24.74	24.64	
20	QPSK	50	0	23.37	23.56	23.37	24.2
20	QPSK	50	28	24.47	24.58	24.47	
20	QPSK	50	56	23.43	23.63	23.45	
20	QPSK	100	0	23.37	23.54	23.42	24.2
20	16QAM	1	1	23.51	23.69	23.53	
20	64QAM	1	1	22.06	22.18	22.02	
20	256QAM	1	1	19.75	19.93	19.80	20.7
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.37	24.53	24.37	25.2
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.29	24.51	24.34	25.2
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.32	24.53	24.33	25.2



<FR1 n77_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	21.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	20.60	20.74	20.70	
100	PI/2 BPSK	1	137	20.56	20.72	20.62	21.5
100	PI/2 BPSK	1	271	20.50	20.58	20.60	
100	PI/2 BPSK	135	0	20.44	20.56	20.57	
100	PI/2 BPSK	135	69	20.43	20.58	20.52	21.5
100	PI/2 BPSK	135	138	20.37	20.60	20.54	21.5
100	PI/2 BPSK	270	0	20.43	20.62	20.59	
100	QPSK	1	1	20.46	20.60	20.53	
100	QPSK	1	137	20.45	20.60	20.46	21.5
100	QPSK	1	271	20.33	20.45	20.49	
100	QPSK	135	0	20.41	20.64	20.52	
100	QPSK	135	69	20.39	20.56	20.52	21.5
100	QPSK	135	138	20.34	20.41	20.43	21.5
100	QPSK	270	0	20.27	20.45	20.46	
100	16QAM	1	1	20.24	20.40	20.40	
100	64QAM	1	1	20.18	20.47	20.39	21.5
100	256QAM	1	1	19.25	19.48	19.42	20.7
Channel				649668	656000	662332	21.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	20.51	20.65	20.73	
Channel				649334	656000	662666	21.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	20.50	20.63	20.60	
Channel				649000	656000	663000	21.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	20.42	20.52	20.52	
Channel				648668	656000	663332	21.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	20.41	20.52	20.52	
Channel				648334	656000	663666	21.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	20.39	20.54	20.59	
Channel				648000	656000	664000	21.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	20.27	20.48	20.50	
Channel				647668	656000	664332	21.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	20.39	20.43	20.48	
Channel				647334	656000	664666	21.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	20.44	20.49	20.53	
Channel				647168	656000	664832	21.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	20.45	20.43	20.47	
Channel				647000	656000	665000	21.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	20.41	20.51	20.50	



<FR1 n77_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	17.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.11	17.25	17.24	
100	PI/2 BPSK	1	137	17.06	17.23	17.19	17.9
100	PI/2 BPSK	1	271	17.07	17.24	17.13	
100	PI/2 BPSK	135	0	16.90	17.11	17.07	
100	PI/2 BPSK	135	69	16.94	17.16	17.09	17.9
100	PI/2 BPSK	135	138	16.97	17.14	17.10	17.9
100	PI/2 BPSK	270	0	16.95	17.16	17.11	
100	QPSK	1	1	16.87	17.12	17.05	
100	QPSK	1	137	16.89	17.04	16.94	17.9
100	QPSK	1	271	16.71	16.94	16.95	
100	QPSK	135	0	16.84	16.99	16.92	
100	QPSK	135	69	16.80	16.94	16.98	17.9
100	QPSK	135	138	16.84	17.02	16.98	17.9
100	QPSK	270	0	16.95	17.12	17.04	
100	16QAM	1	1	16.86	17.13	17.09	
100	64QAM	1	1	16.87	17.09	16.97	17.9
100	256QAM	1	1	16.70	16.99	16.96	17.9
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.94	17.12	16.99	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.88	17.12	17.09	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.95	17.07	17.08	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.90	17.06	17.08	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.90	17.07	17.03	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.93	17.12	17.06	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	16.89	17.10	16.99	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.93	17.11	17.06	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.94	17.12	17.04	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.85	16.99	16.92	



<FR1 n77_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	19.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.32	18.51	18.49	
100	PI/2 BPSK	1	137	18.18	18.29	18.46	19.5
100	PI/2 BPSK	1	271	18.20	18.38	18.47	
100	PI/2 BPSK	135	0	18.26	18.43	18.40	
100	PI/2 BPSK	135	69	18.29	18.45	18.42	19.5
100	PI/2 BPSK	135	138	18.16	18.37	18.32	19.5
100	PI/2 BPSK	270	0	18.25	18.47	18.37	
100	QPSK	1	1	18.22	18.39	18.35	
100	QPSK	1	137	18.01	18.16	18.33	19.5
100	QPSK	1	271	18.04	18.20	18.28	
100	QPSK	135	0	18.18	18.39	18.33	
100	QPSK	135	69	18.01	18.18	18.28	19.5
100	QPSK	135	138	18.04	18.19	18.37	19.5
100	QPSK	270	0	18.13	18.33	18.22	
100	16QAM	1	1	18.19	18.31	18.32	
100	64QAM	1	1	18.05	18.23	18.15	19.5
100	256QAM	1	1	17.76	17.85	17.83	19.5
Channel				649668	656000	662332	19.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.28	18.29	18.25	
Channel				649334	656000	662666	19.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.23	18.28	18.26	
Channel				649000	656000	663000	19.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.22	18.26	18.25	
Channel				648668	656000	663332	19.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.21	18.25	18.26	
Channel				648334	656000	663666	19.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.23	18.26	18.28	
Channel				648000	656000	664000	19.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.22	18.26	18.28	
Channel				647668	656000	664332	19.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.29	18.29	18.29	
Channel				647334	656000	664666	19.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.27	18.25	18.27	
Channel				647168	656000	664832	19.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.21	18.23	18.29	
Channel				647000	656000	665000	19.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.26	18.28	18.25	



<FR1 n77_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	20.3
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.91	18.79	19.02	
100	PI/2 BPSK	1	137	18.78	18.70	18.87	20.3
100	PI/2 BPSK	1	271	18.84	18.78	18.98	
100	PI/2 BPSK	135	0	18.76	18.60	18.85	
100	PI/2 BPSK	135	69	18.76	18.69	18.82	20.3
100	PI/2 BPSK	135	138	18.74	18.61	18.86	20.3
100	PI/2 BPSK	270	0	18.73	18.59	18.86	
100	QPSK	1	1	18.81	18.62	18.82	
100	QPSK	1	137	18.64	18.57	18.73	20.3
100	QPSK	1	271	18.73	18.65	18.88	
100	QPSK	135	0	18.75	18.64	18.91	
100	QPSK	135	69	18.63	18.52	18.70	20.3
100	QPSK	135	138	18.68	18.61	18.85	20.3
100	QPSK	270	0	18.58	18.47	18.69	
100	16QAM	1	1	18.61	18.59	18.67	
100	64QAM	1	1	18.62	18.42	18.66	20.3
100	256QAM	1	1	18.54	18.43	18.68	20.3
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.73	18.60	18.91	
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.81	18.65	18.87	
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.79	18.68	18.84	
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.76	18.68	18.92	
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.80	18.62	18.85	
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.73	18.65	18.90	
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.78	18.64	18.90	
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.71	18.69	18.87	
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.76	18.61	18.85	
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.78	18.69	18.82	



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n77_HPUE_Ant 8_DSI 3
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	24.5
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.71	24.01	23.88	
100	PI/2 BPSK	1	137	23.57	23.87	23.71	24.5
100	PI/2 BPSK	1	271	23.60	23.83	23.76	
100	PI/2 BPSK	135	0	23.54	23.87	23.66	
100	PI/2 BPSK	135	69	23.53	23.77	23.61	24.5
100	PI/2 BPSK	135	138	23.52	23.76	23.64	
100	PI/2 BPSK	270	0	23.55	23.89	23.74	
100	QPSK	1	1	23.56	23.72	23.85	24.5
100	QPSK	1	137	23.41	23.54	23.68	
100	QPSK	1	271	23.59	23.74	23.87	
100	QPSK	135	0	23.39	23.61	23.67	24.5
100	QPSK	135	69	23.40	23.57	23.68	
100	QPSK	135	138	23.43	23.46	23.71	
100	QPSK	270	0	23.40	23.51	23.57	24.5
100	16QAM	1	1	23.37	23.49	23.60	
100	64QAM	1	1	23.43	23.55	23.79	
100	256QAM	1	1	22.16	22.38	22.15	22.5
Channel				649668	656000	662332	24.5
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.54	23.77	23.86	
Channel				649334	656000	662666	24.5
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.59	23.73	23.91	
Channel				649000	656000	663000	24.5
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.51	23.72	23.87	
Channel				648668	656000	663332	24.5
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.58	23.71	23.81	
Channel				648334	656000	663666	24.5
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.59	23.75	23.90	
Channel				648000	656000	664000	24.5
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.59	23.73	23.83	
Channel				647668	656000	664332	24.5
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.58	23.73	23.87	
Channel				647334	656000	664666	24.5
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.52	23.75	23.83	
Channel				647168	656000	664832	24.5
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.61	23.69	23.87	
Channel				647000	656000	665000	24.5
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.55	23.76	23.81	



<FR1 n77_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.56		21.5
100	PI/2 BPSK	1	137		20.55		
100	PI/2 BPSK	1	271		20.53		
100	PI/2 BPSK	135	0		20.50		21.5
100	PI/2 BPSK	135	69		20.51		21.5
100	PI/2 BPSK	135	138		20.42		21.5
100	PI/2 BPSK	270	0		20.39		
100	QPSK	1	1		20.38		21.5
100	QPSK	1	137		20.44		
100	QPSK	1	271		20.41		
100	QPSK	135	0		20.44		21.5
100	QPSK	135	69		20.34		21.5
100	QPSK	135	138		20.39		21.5
100	QPSK	270	0		20.38		
100	16QAM	1	1		20.24		21.5
100	64QAM	1	1		20.22		21.5
100	256QAM	1	1		19.47		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.36	20.42	20.42	21.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.36	20.43	20.42	21.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.35	20.42	20.38	21.5
Channel				632001	633333	634667	Tune-up limit (dBm)
Frequency (MHz)				3480.015	3499.995	3520.005	
60	PI/2 BPSK	1	1	20.43	20.38	20.42	21.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.35	20.43	20.35	21.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.39	20.42	20.42	21.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.43	20.42	20.43	21.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.40	20.38	20.41	21.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.38	20.40	20.37	21.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.44	20.45	20.40	21.5



<FR1 n77_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.80		17.9
100	PI/2 BPSK	1	137		16.62		
100	PI/2 BPSK	1	271		16.55		
100	PI/2 BPSK	135	0		16.72		17.9
100	PI/2 BPSK	135	69		16.66		17.9
100	PI/2 BPSK	135	138		16.50		17.9
100	PI/2 BPSK	270	0		16.61		
100	QPSK	1	1		16.70		17.9
100	QPSK	1	137		16.46		
100	QPSK	1	271		16.38		
100	QPSK	135	0		16.55		17.9
100	QPSK	135	69		16.54		17.9
100	QPSK	135	138		16.40		17.9
100	QPSK	270	0		16.51		
100	16QAM	1	1		16.67		17.9
100	64QAM	1	1		16.55		17.9
100	256QAM	1	1		16.53		17.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.68	16.71	16.48	17.9
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.61	16.60	16.63	17.9
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.68	16.68	16.64	17.9
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.69	16.68	16.65	17.9
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.64	16.60	16.63	17.9
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.61	16.65	16.60	17.9
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.69	16.62	16.62	17.9
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.60	16.64	16.64	17.9
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.67	16.61	16.60	17.9
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.61	16.63	16.64	17.9



<FR1 n77_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.55		
100	PI/2 BPSK	1	137		18.51		19.5
100	PI/2 BPSK	1	271		18.52		
100	PI/2 BPSK	135	0		18.52		
100	PI/2 BPSK	135	69		18.60		19.5
100	PI/2 BPSK	135	138		18.53		19.5
100	PI/2 BPSK	270	0		18.44		
100	QPSK	1	1		18.47		
100	QPSK	1	137		18.40		19.5
100	QPSK	1	271		18.37		
100	QPSK	135	0		18.46		
100	QPSK	135	69		18.32		19.5
100	QPSK	135	138		18.42		19.5
100	QPSK	270	0		18.47		
100	16QAM	1	1		18.42		
100	64QAM	1	1		18.40		19.5
100	256QAM	1	1		17.73		19.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.13	18.25	18.13	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.14	18.30	18.27	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.14	18.24	18.30	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.30	18.13	18.22	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.16	18.29	18.30	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.28	18.14	18.11	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465.3	3500.28	3535.29	
30	PI/2 BPSK	1	1	18.11	18.21	18.10	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.13	18.23	18.12	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.13	18.13	18.26	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.13	18.12	18.20	



<FR1 n77_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.79		20.3
100	PI/2 BPSK	1	137		18.64		
100	PI/2 BPSK	1	271		18.57		
100	PI/2 BPSK	135	0		18.59		20.3
100	PI/2 BPSK	135	69		18.62		20.3
100	PI/2 BPSK	135	138		18.55		20.3
100	PI/2 BPSK	270	0		18.56		
100	QPSK	1	1		18.68		20.3
100	QPSK	1	137		18.54		
100	QPSK	1	271		18.45		
100	QPSK	135	0		18.67		20.3
100	QPSK	135	69		18.52		20.3
100	QPSK	135	138		18.41		20.3
100	QPSK	270	0		18.46		
100	16QAM	1	1		18.47		20.3
100	64QAM	1	1		18.42		20.3
100	256QAM	1	1		18.44		20.3
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.57	18.55	18.56	20.3
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.59	18.62	18.62	20.3
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.59	18.61	18.64	20.3
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.63	18.64	18.64	20.3
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.64	18.61	18.57	20.3
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.59	18.63	18.64	20.3
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.57	18.64	18.55	20.3
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.58	18.60	18.65	20.3
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.56	18.55	18.55	20.3
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.55	18.57	18.59	20.3



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n77_HPUE_Ant 8_DSI 3
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.57		24.5
100	PI/2 BPSK	1	137		23.55		
100	PI/2 BPSK	1	271		23.53		
100	PI/2 BPSK	135	0		23.50		24.5
100	PI/2 BPSK	135	69		23.51		24.5
100	PI/2 BPSK	135	138		23.42		24.5
100	PI/2 BPSK	270	0		23.39		
100	QPSK	1	1		23.41		24.5
100	QPSK	1	137		23.35		
100	QPSK	1	271		23.45		
100	QPSK	135	0		23.45		24.5
100	QPSK	135	69		23.37		24.5
100	QPSK	135	138		23.32		24.5
100	QPSK	270	0		23.36		
100	16QAM	1	1		23.28		24.5
100	64QAM	1	1		23.26		24.5
100	256QAM	1	1		21.60		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.37	23.42	23.34	24.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.36	23.36	23.39	24.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.44	23.39	23.42	24.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.44	23.36	23.41	24.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.41	23.42	23.33	24.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.39	23.39	23.36	24.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.44	23.38	23.41	24.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.40	23.37	23.40	24.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.41	23.39	23.34	24.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.45	23.44	23.41	24.5



<FR1 n77/n78_Ant 8_DSI 3 (Wlan
Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	21.5
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	20.44	20.56	20.51	
100	PI/2 BPSK	1	137	20.31	20.47	20.41	21.5
100	PI/2 BPSK	1	271	20.33	20.44	20.47	
100	PI/2 BPSK	135	0	20.20	20.40	20.40	
100	PI/2 BPSK	135	69	20.28	20.45	20.43	21.5
100	PI/2 BPSK	135	138	20.27	20.36	20.38	21.5
100	PI/2 BPSK	270	0	20.36	20.46	20.36	
100	QPSK	1	1	20.31	20.44	20.41	
100	QPSK	1	137	20.21	20.32	20.30	21.5
100	QPSK	1	271	20.18	20.29	20.27	
100	QPSK	135	0	20.30	20.46	20.34	
100	QPSK	135	69	20.13	20.33	20.26	21.5
100	QPSK	135	138	20.18	20.32	20.33	21.5
100	QPSK	270	0	20.20	20.30	20.22	
100	16QAM	1	1	20.15	20.28	20.24	
100	64QAM	1	1	20.15	20.20	20.19	21.5
100	256QAM	1	1	19.42	19.48	19.38	20.7
Channel				639668	641666	643666	21.5
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	20.18	20.33	20.29	
Channel				639334	641666	644000	21.5
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	20.25	20.28	20.24	
Channel				639000	641666	644332	21.5
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	20.21	20.34	20.36	
Channel				638668	641666	644666	21.5
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	20.17	20.41	20.23	
Channel				638334	641666	645000	21.5
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	20.28	20.41	20.28	
Channel				638000	641666	645332	21.5
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.21	20.35	20.32	
Channel				637668	641666	645666	21.5
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.21	20.29	20.36	
Channel				637334	641666	646000	21.5
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	20.31	20.32	20.28	
Channel				637168	641666	646166	21.5
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.20	20.36	20.35	
Channel				637000	641666	646332	21.5
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.33	20.41	20.37	



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n77/n78_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	17.9
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	16.73	16.84	16.81	
100	PI/2 BPSK	1	137	16.62	16.79	16.66	17.9
100	PI/2 BPSK	1	271	16.55	16.67	16.54	
100	PI/2 BPSK	135	0	16.60	16.71	16.63	
100	PI/2 BPSK	135	69	16.53	16.70	16.65	17.9
100	PI/2 BPSK	135	138	16.49	16.69	16.58	
100	PI/2 BPSK	270	0	16.57	16.73	16.68	
100	QPSK	1	1	16.57	16.69	16.65	17.9
100	QPSK	1	137	16.50	16.62	16.52	
100	QPSK	1	271	16.43	16.48	16.44	
100	QPSK	135	0	16.57	16.68	16.64	17.9
100	QPSK	135	69	16.51	16.64	16.49	
100	QPSK	135	138	16.45	16.53	16.36	
100	QPSK	270	0	16.50	16.56	16.49	17.9
100	16QAM	1	1	16.38	16.57	16.55	
100	64QAM	1	1	16.34	16.56	16.47	
100	256QAM	1	1	16.47	16.58	16.52	17.9
Channel				639668	641666	643666	17.9
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	16.49	16.67	16.56	
Channel				639334	641666	644000	17.9
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	16.51	16.68	16.56	
Channel				639000	641666	644332	17.9
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	16.48	16.65	16.54	
Channel				638668	641666	644666	17.9
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	16.52	16.59	16.53	
Channel				638334	641666	645000	17.9
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	16.43	16.68	16.48	
Channel				638000	641666	645332	17.9
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.43	16.69	16.56	
Channel				637668	641666	645666	17.9
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.43	16.66	16.49	
Channel				637334	641666	646000	17.9
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.52	16.69	16.49	
Channel				637168	641666	646166	17.9
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	16.42	16.65	16.55	
Channel				637000	641666	646332	17.9
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.42	16.66	16.48	



FCC SAR TEST REPORT

Report No. : FA411111B

<FR1 n77/n78_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	18.22	18.24	18.23	
100	PI/2 BPSK	1	137	18.17	18.20	18.18	19.5
100	PI/2 BPSK	1	271	18.17	18.19	18.14	
100	PI/2 BPSK	135	0	17.93	18.05	17.97	
100	PI/2 BPSK	135	69	18.16	18.19	18.13	19.5
100	PI/2 BPSK	135	138	18.08	18.15	18.08	19.5
100	PI/2 BPSK	270	0	18.00	18.11	18.10	
100	QPSK	1	1	18.09	18.10	18.08	
100	QPSK	1	137	17.97	18.05	18.02	19.5
100	QPSK	1	271	17.97	18.04	17.97	
100	QPSK	135	0	18.05	18.07	18.08	
100	QPSK	135	69	17.97	18.10	18.06	19.5
100	QPSK	135	138	17.98	18.01	17.96	19.5
100	QPSK	270	0	17.75	17.88	17.81	
100	16QAM	1	1	18.03	18.06	18.02	
100	64QAM	1	1	17.95	17.99	17.95	19.5
100	256QAM	1	1	17.84	17.97	17.97	19.5
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	18.16	18.20	18.15	
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	18.06	18.04	18.07	
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	18.02	18.13	18.04	
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	18.07	18.12	18.13	
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	18.04	18.05	18.11	
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.10	18.09	18.05	
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.10	18.09	18.07	
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.07	18.08	18.07	
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.10	18.14	18.07	
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.12	18.16	18.20	



<FR1 n77/n78_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				640000	641666	643332	
Frequency (MHz)				3600	3624.99	3649.98	
100	PI/2 BPSK	1	1	18.60	18.78	18.61	20.3
100	PI/2 BPSK	1	137	18.45	18.65	18.49	
100	PI/2 BPSK	1	271	18.43	18.62	18.52	
100	PI/2 BPSK	135	0	18.53	18.65	18.48	20.3
100	PI/2 BPSK	135	69	18.52	18.68	18.56	20.3
100	PI/2 BPSK	135	138	18.45	18.57	18.42	20.3
100	PI/2 BPSK	270	0	18.45	18.63	18.53	
100	QPSK	1	1	18.60	18.65	18.42	20.3
100	QPSK	1	137	18.42	18.54	18.36	
100	QPSK	1	271	18.36	18.51	18.34	
100	QPSK	135	0	18.54	18.60	18.45	20.3
100	QPSK	135	69	18.36	18.52	18.32	20.3
100	QPSK	135	138	18.39	18.48	18.41	20.3
100	QPSK	270	0	18.53	18.53	18.36	
100	16QAM	1	1	18.43	18.54	18.37	20.3
100	64QAM	1	1	18.43	18.40	18.30	20.3
100	256QAM	1	1	18.35	18.47	18.41	20.3
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	18.59	18.60	18.51	20.3
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	18.50	18.52	18.50	20.3
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	18.57	18.56	18.59	20.3
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	18.56	18.51	18.60	20.3
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	18.60	18.55	18.55	20.3
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.56	18.57	18.59	20.3
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.51	18.58	18.59	20.3
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.54	18.50	18.55	20.3
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.54	18.59	18.54	20.3
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.59	18.53	18.51	20.3



<FR1 n78_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		20.98		
100	PI/2 BPSK	1	137		20.92		21.5
100	PI/2 BPSK	1	271		20.97		
100	PI/2 BPSK	135	0		20.90		
100	PI/2 BPSK	135	69		20.97		21.5
100	PI/2 BPSK	135	138		20.94		21.5
100	PI/2 BPSK	270	0		20.94		
100	QPSK	1	1		20.87		
100	QPSK	1	137		20.80		21.5
100	QPSK	1	271		20.83		
100	QPSK	135	0		20.73		
100	QPSK	135	69		20.78		21.5
100	QPSK	135	138		20.84		21.5
100	QPSK	270	0		20.81		
100	16QAM	1	1		20.76		
100	64QAM	1	1		20.68		21.5
100	256QAM	1	1		19.90		20.7
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.68	20.65	20.78	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.59	20.69	20.82	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.62	20.60	20.86	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.60	20.62	20.84	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	20.66	20.69	20.83	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.60	20.66	20.77	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.65	20.64	20.85	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.58	20.64	20.86	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.59	20.60	20.84	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.67	20.67	20.82	



<FR1 n78_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.21		17.9
100	PI/2 BPSK	1	137		17.18		
100	PI/2 BPSK	1	271		17.12		
100	PI/2 BPSK	135	0		17.14		17.9
100	PI/2 BPSK	135	69		17.17		17.9
100	PI/2 BPSK	135	138		17.07		17.9
100	PI/2 BPSK	270	0		17.08		
100	QPSK	1	1		17.11		17.9
100	QPSK	1	137		17.00		
100	QPSK	1	271		16.96		
100	QPSK	135	0		17.02		17.9
100	QPSK	135	69		17.02		17.9
100	QPSK	135	138		17.00		17.9
100	QPSK	270	0		17.02		
100	16QAM	1	1		17.06		17.9
100	64QAM	1	1		16.88		17.9
100	256QAM	1	1		16.96		17.9
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.10	17.00	17.06	17.9
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.00	17.08	17.08	17.9
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.06	17.07	17.04	17.9
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.03	17.02	17.05	17.9
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.02	17.07	17.04	17.9
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.02	17.01	17.10	17.9
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	17.02	17.00	17.03	17.9
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.02	17.01	17.03	17.9
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.05	17.06	17.10	17.9
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.04	17.08	17.01	17.9



<FR1 n78_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.54		19.5
100	PI/2 BPSK	1	137		18.52		
100	PI/2 BPSK	1	271		18.45		
100	PI/2 BPSK	135	0		18.29		19.5
100	PI/2 BPSK	135	69		18.36		19.5
100	PI/2 BPSK	135	138		18.33		19.5
100	PI/2 BPSK	270	0		18.31		
100	QPSK	1	1		18.37		19.5
100	QPSK	1	137		18.32		
100	QPSK	1	271		18.34		
100	QPSK	135	0		18.36		19.5
100	QPSK	135	69		18.37		19.5
100	QPSK	135	138		18.32		19.5
100	QPSK	270	0		18.13		
100	16QAM	1	1		18.18		19.5
100	64QAM	1	1		18.15		19.5
100	256QAM	1	1		18.20		19.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.39	18.39	18.32	19.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.38	18.37	18.37	19.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.39	18.40	18.34	19.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.35	18.32	18.40	19.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.39	18.40	18.33	19.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.36	18.37	18.39	19.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.35	18.35	18.37	19.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.38	18.36	18.34	19.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.30	18.36	18.31	19.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.36	18.37	18.32	19.5



<FR1 n78_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.85		20.3
100	PI/2 BPSK	1	137		18.80		
100	PI/2 BPSK	1	271		18.79		
100	PI/2 BPSK	135	0		18.81		20.3
100	PI/2 BPSK	135	69		18.82		20.3
100	PI/2 BPSK	135	138		18.72		20.3
100	PI/2 BPSK	270	0		18.73		
100	QPSK	1	1		18.66		20.3
100	QPSK	1	137		18.69		
100	QPSK	1	271		18.69		
100	QPSK	135	0		18.66		20.3
100	QPSK	135	69		18.64		20.3
100	QPSK	135	138		18.60		20.3
100	QPSK	270	0		18.61		
100	16QAM	1	1		18.68		20.3
100	64QAM	1	1		18.53		20.3
100	256QAM	1	1		18.55		20.3
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.72	18.77	18.72	20.3
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.67	18.75	18.74	20.3
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.77	18.73	18.71	20.3
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.77	18.73	18.77	20.3
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.74	18.67	18.69	20.3
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.70	18.68	18.70	20.3
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.69	18.67	18.73	20.3
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.75	18.73	18.71	20.3
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.72	18.70	18.68	20.3
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.76	18.73	18.73	20.3



<FR1 n78_HPUE_Ant 8_DSI 3
(Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		23.97		24.5
100	PI/2 BPSK	1	137		23.92		
100	PI/2 BPSK	1	271		23.96		
100	PI/2 BPSK	135	0		23.91		24.5
100	PI/2 BPSK	135	69		23.95		24.5
100	PI/2 BPSK	135	138		23.92		24.5
100	PI/2 BPSK	270	0		23.93		
100	QPSK	1	1		23.87		24.5
100	QPSK	1	137		23.69		
100	QPSK	1	271		23.77		
100	QPSK	135	0		23.64		24.5
100	QPSK	135	69		23.79		24.5
100	QPSK	135	138		23.69		24.5
100	QPSK	270	0		23.69		
100	16QAM	1	1		23.58		24.5
100	64QAM	1	1		23.71		24.5
100	256QAM	1	1		22.19		22.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	23.73	23.82	23.79	24.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	23.76	23.67	23.79	24.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	23.78	23.72	23.81	24.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	23.85	23.66	23.78	24.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	23.73	23.67	23.66	24.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	23.65	23.83	23.65	24.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	23.73	23.83	23.79	24.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	23.72	23.73	23.84	24.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.77	23.72	23.70	24.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	23.65	23.78	23.85	24.5



<FR1 n78_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.70		21.5
100	PI/2 BPSK	1	137		20.57		
100	PI/2 BPSK	1	271		20.56		
100	PI/2 BPSK	135	0		20.59		21.5
100	PI/2 BPSK	135	69		20.68		21.5
100	PI/2 BPSK	135	138		20.64		21.5
100	PI/2 BPSK	270	0		20.65		
100	QPSK	1	1		20.54		21.5
100	QPSK	1	137		20.39		
100	QPSK	1	271		20.46		
100	QPSK	135	0		20.41		21.5
100	QPSK	135	69		20.50		21.5
100	QPSK	135	138		20.54		21.5
100	QPSK	270	0		20.51		
100	16QAM	1	1		20.48		21.5
100	64QAM	1	1		20.63		21.5
100	256QAM	1	1		20.03		20.7
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.63	20.64	20.58	21.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.58	20.37	20.51	21.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.39	20.45	20.53	21.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.49	20.33	20.56	21.5
Channel				631669	633333	635001	Tune-up limit (dBm)
Frequency (MHz)				3475.035	3499.995	3525.015	
50	PI/2 BPSK	1	1	20.46	20.31	20.56	21.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.43	20.50	20.44	21.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.57	20.49	20.56	21.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.54	20.36	20.54	21.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.52	20.39	20.54	21.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.60	20.63	20.58	21.5



<FR1 n78_Ant 9_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.88		
100	PI/2 BPSK	1	137		16.84		17.9
100	PI/2 BPSK	1	271		16.87		
100	PI/2 BPSK	135	0		16.75		
100	PI/2 BPSK	135	69		16.83		17.9
100	PI/2 BPSK	135	138		16.76		17.9
100	PI/2 BPSK	270	0		16.74		
100	QPSK	1	1		16.70		
100	QPSK	1	137		16.74		17.9
100	QPSK	1	271		16.74		
100	QPSK	135	0		16.72		
100	QPSK	135	69		16.70		17.9
100	QPSK	135	138		16.72		17.9
100	QPSK	270	0		16.62		
100	16QAM	1	1		16.69		
100	64QAM	1	1		16.62		17.9
100	256QAM	1	1		16.60		17.9
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.57	16.60	16.56	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.58	16.59	16.57	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.57	16.52	16.53	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.56	16.60	16.57	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.52	16.60	16.55	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.60	16.50	16.53	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.58	16.60	16.60	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.54	16.55	16.59	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.53	16.57	16.55	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.50	16.52	16.54	



<FR1 n78_Ant 4_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.28		19.5
100	PI/2 BPSK	1	137		18.23		
100	PI/2 BPSK	1	271		18.26		
100	PI/2 BPSK	135	0		18.19		19.5
100	PI/2 BPSK	135	69		18.23		19.5
100	PI/2 BPSK	135	138		18.21		19.5
100	PI/2 BPSK	270	0		18.17		
100	QPSK	1	1		18.08		19.5
100	QPSK	1	137		18.05		
100	QPSK	1	271		18.11		
100	QPSK	135	0		18.13		19.5
100	QPSK	135	69		18.03		19.5
100	QPSK	135	138		18.06		19.5
100	QPSK	270	0		18.09		
100	16QAM	1	1		18.12		19.5
100	64QAM	1	1		18.06		19.5
100	256QAM	1	1		18.05		19.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.16	18.19	18.14	19.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.16	18.16	18.11	19.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.14	18.19	18.19	19.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.17	18.18	18.15	19.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.17	18.15	18.17	19.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.15	18.20	18.15	19.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.17	18.10	18.20	19.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.14	18.18	18.17	19.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.19	18.10	18.13	19.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.13	18.19	18.18	19.5



<FR1 n78_Ant 3_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.68		20.3
100	PI/2 BPSK	1	137		18.57		
100	PI/2 BPSK	1	271		18.54		
100	PI/2 BPSK	135	0		18.53		20.3
100	PI/2 BPSK	135	69		18.60		20.3
100	PI/2 BPSK	135	138		18.53		20.3
100	PI/2 BPSK	270	0		18.56		
100	QPSK	1	1		18.57		20.3
100	QPSK	1	137		18.46		
100	QPSK	1	271		18.41		
100	QPSK	135	0		18.51		20.3
100	QPSK	135	69		18.44		20.3
100	QPSK	135	138		18.44		20.3
100	QPSK	270	0		18.45		
100	16QAM	1	1		18.41		20.3
100	64QAM	1	1		18.44		20.3
100	256QAM	1	1		18.48		20.3
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.52	18.54	18.60	20.3
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.59	18.57	18.58	20.3
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.51	18.55	18.55	20.3
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.51	18.53	18.57	20.3
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.59	18.57	18.59	20.3
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.58	18.56	18.56	20.3
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.58	18.50	18.50	20.3
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.51	18.53	18.51	20.3
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.58	18.60	18.57	20.3
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.54	18.53	18.54	20.3



<FR1 n78_HPUE_Ant 8_DSI 3 (Wlan Off)>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.69		24.5
100	PI/2 BPSK	1	137		23.56		
100	PI/2 BPSK	1	271		23.57		
100	PI/2 BPSK	135	0		23.54		24.5
100	PI/2 BPSK	135	69		23.66		24.5
100	PI/2 BPSK	135	138		23.58		24.5
100	PI/2 BPSK	270	0		23.65		
100	QPSK	1	1		23.40		24.5
100	QPSK	1	137		23.39		
100	QPSK	1	271		23.40		
100	QPSK	135	0		23.48		24.5
100	QPSK	135	69		23.40		24.5
100	QPSK	135	138		23.50		24.5
100	QPSK	270	0		23.49		
100	16QAM	1	1		23.41		24.5
100	64QAM	1	1		23.38		24.5
100	256QAM	1	1		22.03		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.60	23.58	23.47	24.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.41	23.43	23.45	24.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.39	23.40	23.43	24.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.34	23.39	23.43	24.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.52	23.44	23.41	24.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.46	23.41	23.52	24.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.50	23.49	23.50	24.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.45	23.41	23.34	24.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.51	23.53	23.45	24.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.34	23.41	23.48	24.5



<2.4GHz WLAN_Power table 0 _Non-DBS / DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.90	21.00	85.60	20.70	21.00	85.60	20.20	21.00	20.60	21.00	23.41	24.00	85.84
		6	2437	20.60	21.00		20.50	21.00		19.30	21.00	19.60	21.00	22.46	24.00	
		11	2462	20.80	21.00		20.70	21.00		19.60	21.00	19.90	21.00	22.76	24.00	
	802.11g 6Mbps	1	2412	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		6	2437		21.00			21.00			21.00		21.00		24.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	



<5.2GHz WLAN_Power table 0 _Non-DBS / DBS>

5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	Not required	18.00	Not required	Not required	18.00	Not required	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		18.50			18.50			18.50		18.50		21.50	
		44	5220		18.50			18.50			18.50		18.50		21.50	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	36	5180		18.00			18.00		17.40	18.00	16.50	18.00	19.98	21.00	86.14
		40	5200		19.00			19.00		18.30	19.00	18.20	19.00	21.26	22.00	
		44	5220		19.00			19.00		18.50	19.00	18.20	19.00	21.36	22.00	
		48	5240		18.50			18.50		18.20	18.50	17.70	18.50	20.97	21.50	
	802.11n-HT40 MCS0	38	5190		17.00			17.00		16.70	17.00	16.20	17.00	19.47	20.00	85.87
		46	5230		19.00			19.00		18.30	19.00	18.10	19.00	21.21	22.00	
	802.11ac-VHT20 MCS0	36	5180		18.00			18.00		Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	38	5190		17.00			17.00			17.00		17.00		20.00	
		46	5230		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	42	5210		17.00			17.00			17.00		17.00		20.00	
		36	5180		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE20 MCS0	40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		18.50			18.50			18.50		18.50		21.50	
		38	5190		17.00			17.00			17.00		17.00		20.00	
	802.11ax-HE40 MCS0	46	5230		19.00			19.00			19.00		19.00		22.00	
		42	5210		17.00			17.00			17.00		17.00		20.00	



<5.3GHz WLAN Power table 0 _Non-DBS / DBS>

5.3GHz WLAN Power Table 6 (Not 6+7, 6+7, 6+7)				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	18.00	Not required	Not required	18.00	Not required	17.90	18.00	17.80	18.00	20.86	21.00	86.07
		56	5280		18.50			18.50		18.10	18.50	17.80	18.50	20.96	21.50	
		60	5300		18.50			18.50		18.20	18.50	17.90	18.50	21.06	21.50	
		64	5320		18.50			18.50		18.10	18.50	17.90	18.50	21.01	21.50	
	802.11n-HT20 MCS0	52	5260		18.00			18.00		17.90	18.00	17.60	18.00	20.76	21.00	86.14
		56	5280		19.00			19.00		18.70	19.00	18.10	19.00	21.42	22.00	
		60	5300		19.00			19.00		18.80	19.00	18.20	19.00	21.52	22.00	
		64	5320		18.50			18.50		18.10	18.50	17.70	18.50	20.91	21.50	
	802.11n-HT40 MCS0	54	5270		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		62	5310		17.00			17.00			16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	52	5260		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	
		56	5280		19.00			19.00			19.00		19.00		22.00	
		60	5300		19.00			19.00			19.00		19.00		22.00	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	54	5270		18.50			18.50			18.50		18.50		21.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	58	5290		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT160 MCS0	50	5250		12.00			12.00			Not required	Not required	12.00	Not required	15.00	
	802.11ax-HE20 MCS0	52	5260		18.50			18.50			18.50	18.50	21.50			
		56	5280		19.00			19.00			19.00	19.00	22.00			
		60	5300		19.00			19.00			19.00	19.00	22.00			
		64	5320		18.50			18.50			18.50	18.50	21.50			
	802.11ax-HE40 MCS0	54	5270		18.50			18.50			18.50	18.50	21.50			
		62	5310		16.00			16.00			16.00	16.00	19.00			
	802.11ax-HE80 MCS0	58	5290		16.50			16.50			16.50	16.50	19.50			
	802.11ax-HE160 MCS0	50	5250		12.00			12.00			12.00	12.00	15.00			



<5.5GHz WLAN Power table 0 _Non-DBS / DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	18.50	Not required	Not required	18.50	Not required	Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	100	5500		18.50			18.50			18.50		18.50		21.50	
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT40 MCS0	102	5510		19.00			19.00		17.70	19.00	17.50	19.00	20.61	22.00	85.87
		110	5550		19.00			19.00		18.10	19.00	17.80	19.00	21.06	22.00	
		126	5630		19.00			19.00		17.90	19.00	17.80	19.00	20.86	22.00	
		134	5670		19.00			19.00		18.00	19.00	17.80	19.00	20.91	22.00	
		142	5710		19.00			19.00		17.80	19.00	17.80	19.00	20.81	22.00	
	802.11ac-VHT20 MCS0	100	5500		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	102	5510		19.00			19.00			19.00		19.00		22.00	
		110	5550		19.00			19.00			19.00		19.00		22.00	
		126	5630		19.00			19.00			19.00		19.00		22.00	
		134	5670		19.00			19.00			19.00		19.00		22.00	
		142	5710		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	106	5530		18.00			18.00		17.40	18.00	17.30	18.00	20.36	21.00	86.15
		122	5610		18.00			18.00		17.50	18.00	17.30	18.00	20.41	21.00	
		138	5690		18.00			18.00		17.40	18.00	17.20	18.00	20.31	21.00	
	802.11ac-VHT160 MCS0	114	5570		15.00			15.00		Not required	15.00	Not required	15.00	Not required	18.00	Not required
	802.11ax-HE20 MCS0	100	5500		18.50			18.50			18.50		18.50		21.50	
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	102	5510		19.00			19.00			19.00		19.00		22.00	
		110	5550		19.00			19.00			19.00		19.00		22.00	
		126	5630		19.00			19.00			19.00		19.00		22.00	
		134	5670		19.00			19.00			19.00		19.00		22.00	
		142	5710		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE80 MCS0	106	5530		18.00			18.00			18.00		18.00		21.00	
		122	5610		18.00			18.00			18.00		18.00		21.00	
		138	5690		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE160 MCS0	114	5570		15.00			15.00			15.00		15.00		18.00	



<5.8GHz WLAN Power table 0 _Non-DBS / DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	21.00	Not required	Not required	21.00	Not required	Not required	21.00	Not required	21.00	Not required	24.00	Not required
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11n-HT20 MCS0	149	5745		21.00			21.00			21.00		21.00		24.00	
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11n-HT40 MCS0	151	5755		21.00			21.00		20.20	21.00	20.50	21.00	23.36	24.00	85.87
		159	5795		21.00			21.00		20.40	21.00	20.50	21.00	23.46	24.00	
	802.11ac-VHT20 MCS0	149	5745		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	Not required
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11ac-VHT40 MCS0	151	5755		21.00			21.00			21.00		21.00		24.00	
		159	5795		21.00			21.00			21.00		21.00		24.00	
	802.11ac-VHT80 MCS0	155	5775		21.00			21.00		20.40	21.00	20.70	21.00	23.56	24.00	86.15
	802.11ax-HE20 MCS0	149	5745		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	Not required
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11ax-HE40 MCS0	151	5755		21.00			21.00			21.00		21.00		24.00	
		159	5795		21.00			21.00			21.00		21.00		24.00	
	802.11ax-HE80 MCS0	155	5775		21.00			21.00			21.00		21.00		24.00	

<WiFi 6E Power table 0 _Non-DBS / DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	15.50	Not required	Not required	15.50	Not required	15.20	15.50	15.30	15.50	18.26	18.50	86.00
		57	6235		15.50			15.50		14.70	15.50	14.70	15.50	17.71	18.50	
		113	6515		12.50			12.50		-0.10	2.00	1.10	2.00	3.55	5.00	
		173	6815		19.00			19.00		18.70	19.00	18.80	19.00	21.76	22.00	
		233	7115		13.00			13.00		1.70	2.00	1.80	2.00	4.76	5.00	
	802.11ax-HE20 MCS0	1	5955		15.50			15.50		Not required	15.50	Not required	15.50	Not required	18.50	Not required
		57	6235		15.50			15.50			15.50		15.50		18.50	
		113	6515		12.50			12.50			4.50		4.50		7.50	
		173	6815		19.00			19.00			19.00		19.00		22.00	
		233	7115		13.00			13.00			5.00		5.00		8.00	
	802.11ax-HE40 MCS0	3	5965		15.50			15.50			15.50		15.50		18.50	
		59	6245		15.50			15.50			15.50		15.50		18.50	
		107	6485		12.50			12.50			8.50		8.50		11.50	
		171	6805		16.00			16.00			16.00		16.00		19.00	
		227	7085		13.00			13.00			7.50		7.50		10.50	
	802.11ax-HE80 MCS0	7	5985		15.50			15.50			15.50		15.50		18.50	
		71	6305		16.00			16.00			16.00		16.00		19.00	
		119	6545		12.50			12.50			9.50		9.50		12.50	
		167	6785		16.00			16.00			16.00		16.00		19.00	
		215	7025		13.00			13.00			10.00		10.00		13.00	
	802.11ax-HE160 MCS0	15	6025		15.50			15.50		15.10	15.50	15.40	15.50	18.26	18.50	85.76
		47	6185		15.50			15.50		14.80	15.50	14.80	15.50	17.81	18.50	
		111	6505		12.50			12.50		12.20	12.50	12.10	12.50	15.16	15.50	
		143	6665		16.00			16.00		15.80	16.00	16.00	16.00	18.91	19.00	
		207	6985		13.00			13.00		12.70	13.00	12.30	13.00	15.51	16.00	

Non-DBS

<2.4GHz WLAN_Power table 1 _Non-DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.90	21.00	85.60	20.70	21.00	85.60	20.20	21.00	20.60	21.00	23.41	24.00	85.84
		6	2437	20.60	21.00		20.50	21.00		19.30	21.00	19.60	21.00	22.46	24.00	
		11	2462	20.80	21.00		20.70	21.00		19.60	21.00	19.90	21.00	22.76	24.00	
	802.11g 6Mbps	1	2412	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		6	2437		21.00			21.00			21.00		21.00		24.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN_Power table 1 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	18.00	Not required	Not required	18.00	Not required	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		18.50			18.50			18.50		18.50		21.50	
		44	5220		18.50			18.50			18.50		18.50		21.50	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	36	5180		18.00			18.00		17.10	18.00	16.90	18.00	20.01	21.00	86.14
		40	5200		19.00			19.00		18.30	19.00	18.20	19.00	21.26	22.00	
		44	5220		19.00			19.00		18.50	19.00	18.20	19.00	21.36	22.00	
		48	5240		18.50			18.50		18.20	18.50	17.70	18.50	20.97	21.50	
	802.11n-HT40 MCS0	38	5190		17.00			17.00		16.70	17.00	16.20	17.00	19.47	20.00	85.87
		46	5230		19.00			19.00		18.30	19.00	18.10	19.00	21.21	22.00	
	802.11ac-VHT20 MCS0	36	5180		18.00			18.00		Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	38	5190		17.00			17.00			17.00		17.00		21.00	
		46	5230		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	42	5210		17.00			17.00			17.00		17.00		20.00	
	802.11ax-HE20 MCS0	36	5180		18.00			18.00			18.00		18.00		21.00	
		40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	38	5190		17.00			17.00			17.00		17.00		20.00	
		46	5230		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE80 MCS0	42	5210		17.00			17.00			17.00		17.00		20.00	

<5.3GHz WLAN_Power table 1 _Non-DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	18.00	Not required	Not required	18.00	Not required	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		56	5280		18.50			18.50			18.50		18.50		21.50	
		60	5300		18.50			18.50			18.50		18.50		21.50	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	52	5260		18.00			18.00		17.90	18.00	17.60	18.00	20.76	21.00	86.14
		56	5280		19.00			19.00		18.70	19.00	18.10	19.00	21.42	22.00	
		60	5300		19.00			19.00		18.80	19.00	18.20	19.00	21.52	22.00	
		64	5320		18.50			18.50		18.10	18.50	17.70	18.50	20.91	21.50	
	802.11n-HT40 MCS0	54	5270		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		62	5310		17.00			17.00			16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	52	5260		18.50			18.50			18.50		18.50		21.50	
		56	5280		19.00			19.00			19.00		19.00		22.00	
		60	5300		19.00			19.00			19.00		19.00		22.00	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	54	5270		18.50			18.50			18.50		18.50		21.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	58	5290		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT160 MCS0	50	5250		12			12			12.00		12.00		15.00	
	802.11ax-HE20 MCS0	52	5260		18.50			18.50			18.50		18.50		21.50	
		56	5280		19.00			19.00			19.00		19.00		22.00	
		60	5300		19.00			19.00			19.00		19.00		22.00	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	54	5270		18.50			18.50			18.50		18.50		21.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ax-HE80 MCS0	58	5290		16.50			16.50			16.50		16.50		19.50	
	802.11ax-HE160 MCS0	50	5250		12			12			12.00		12.00		15.00	

<5.5GHz WLAN_Power table 1 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	18.50	Not required	Not required	18.50	Not required	Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	100	5500		18.50			18.50			18.50		18.50		21.50	
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT40 MCS0	102	5510		19.00			19.00		17.70	19.00	17.50	19.00	20.61	22.00	85.87
		110	5550		19.00			19.00		18.10	19.00	17.80	19.00	21.06	22.00	
		126	5630		19.00			19.00		17.90	19.00	17.80	19.00	20.86	22.00	
		134	5670		19.00			19.00		18.00	19.00	17.80	19.00	20.91	22.00	
		142	5710		19.00			19.00		17.80	19.00	17.80	19.00	20.81	22.00	
	802.11ac-VHT20 MCS0	100	5500		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	102	5510		19.00			19.00			19.00	Not required	19.00	Not required	22.00	Not required
		110	5550		19.00			19.00			19.00		19.00		22.00	
		126	5630		19.00			19.00			19.00		19.00		22.00	
		134	5670		19.00			19.00			19.00		19.00		22.00	
		142	5710		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	106	5530		18.00			18.00		17.40	18.00	17.30	18.00	20.36	21.00	86.15
		122	5610		18.00			18.00		17.50	18.00	17.30	18.00	20.41	21.00	
		138	5690		18.00			18.00		17.40	18.00	17.20	18.00	20.31	21.00	
	802.11ac-VHT160 MCS0	114	5570		15.00			15.00		Not required	15.00	Not required	15.00	Not required	18.00	Not required
	802.11ax-HE20 MCS0	100	5500		18.50			18.50			18.50		18.50		21.50	
		116	5580		18.50			18.50			18.50		18.50		21.50	
		124	5620		18.50			18.50			18.50		18.50		21.50	
		132	5660		18.50			18.50			18.50		18.50		21.50	
		144	5720		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	102	5510		19.00			19.00			19.00		19.00		22.00	
		110	5550		19.00			19.00			19.00		19.00		22.00	
		126	5630		19.00			19.00			19.00		19.00		22.00	
		134	5670		19.00			19.00			19.00		19.00		22.00	
		142	5710		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE80 MCS0	106	5530		18.00			18.00			18.00		18.00		21.00	
		122	5610		18.00			18.00			18.00		18.00		21.00	
		138	5690		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE160 MCS0	114	5570		15.00			15.00			15.00		15.00		18.00	

<5.8GHz WLAN_Power table 1 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	21.00	Not required	Not required	21.00	Not required	Not required	21.00	Not required	21.00	Not required	24.00	86.07
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11n-HT20 MCS0	149	5745		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	86.14
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11n-HT40 MCS0	151	5755		21.00			21.00		20.20	21.00	20.50	21.00	23.36	24.00	85.87
		159	5795		21.00			21.00		20.40	21.00	20.50	21.00	23.46	24.00	
	802.11ac-VHT20 MCS0	149	5745		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	86.14
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11ac-VHT40 MCS0	151	5755		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	85.87
		159	5795		21.00			21.00			21.00		21.00		24.00	
	802.11ac-VHT80 MCS0	155	5775		21.00			21.00		20.40	21.00	20.70	21.00	23.56	24.00	86.15
	802.11ax-HE20 MCS0	149	5745		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	Not required
		157	5785		21.00			21.00			21.00		21.00		24.00	
		165	5825		21.00			21.00			21.00		21.00		24.00	
	802.11ax-HE40 MCS0	151	5755		21.00			21.00		Not required	21.00	Not required	21.00	Not required	24.00	Not required
		159	5795		21.00			21.00			21.00		21.00		24.00	
	802.11ax-HE80 MCS0	155	5775		21.00			21.00			21.00		21.00		24.00	

<6GHz WLAN_Power table 1 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	17.00	Not required	Not required	17.00	Not required	16.80	17.00	16.90	17.00	19.86	20.00	86.00
		57	6235		17.00			17.00		16.30	17.00	16.60	17.00	19.46	20.00	
		113	6515		2.00			2.00		-0.10	2.00	1.10	2.00	3.55	5.00	
		173	6815		18.50			18.50		17.50	18.50	17.60	18.50	20.56	21.50	
		233	7115		2.00			2.00		1.70	2.00	1.80	2.00	4.76	5.00	
	802.11ax-HE20 MCS0	1	5955		17.00			17.00		Not required	17.00	Not required	17.00	Not required	20.00	Not required
		57	6235		17.00			17.00			17.00		17.00		20.00	
		113	6515		12.50			12.50			12.50		12.50		15.50	
		173	6815		18.50			18.50			18.50		18.50		21.50	
		233	7115		13.00			13.00			13.00		13.00		16.00	
	802.11ax-HE40 MCS0	3	5965		17.00			17.00		Not required	17.00	Not required	17.00	Not required	20.00	Not required
		59	6245		17.00			17.00			17.00		17.00		20.00	
		107	6485		17.50			17.50			17.50		17.50		20.50	
		171	6805		17.00			17.00			17.00		17.00		20.00	
	802.11ax-HE80 MCS0	227	7085		13.00			13.00		Not required	13.00	Not required	13.00	Not required	16.00	Not required
		7	5985		17.00			17.00			17.00		17.00		20.00	
		71	6305		17.00			17.00			17.00		17.00		20.00	
		119	6545		17.50			17.50			17.50		17.50		20.50	
		167	6785		17.50			17.50			17.50		17.50		20.50	
	802.11ax-HE160 MCS0	215	7025		13.00			13.00			13.00		13.00		16.00	
		15	6025		17.00			17.00		15.60	17.00	16.20	17.00	18.92	20.00	85.76
		47	6185		17.00			17.00		15.90	17.00	16.40	17.00	19.17	20.00	
		111	6505		12.50			12.50		12.20	12.50	12.10	12.50	15.16	15.50	
		143	6665		16.00			16.00		15.80	16.00	16.00	16.00	18.91	19.00	
		207	6985		13.00			13.00		12.70	13.00	12.30	13.00	15.51	16.00	

<2.4GHz WLAN Power table 2 _Non-DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.90	21.00	85.60	20.70	21.00	85.60	20.20	21.00	20.60	21.00	23.41	24.00	85.84
		6	2437	20.60	21.00		20.50	21.00		19.30	21.00	19.60	21.00	22.46	24.00	
		11	2462	20.80	21.00		20.70	21.00		19.60	21.00	19.90	21.00	22.76	24.00	
	802.11g 6Mbps	1	2412	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		6	2437		21.00			21.00			21.00		21.00		24.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412	Not required	17.50	Not required	Not required	17.50	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422	Not required	13.50	Not required	Not required	13.50	Not required	Not required	13.50	Not required	13.50	Not required	16.50	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN_Power table 2 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	18.00	Not required	Not required	18.00	Not required	17.50	18.00	17.10	18.00	20.31	21.00	86.07
		40	5200		18.00			18.00		17.50	18.00	17.00	18.00	20.27	21.00	
		44	5220		18.00			18.00		17.40	18.00	16.80	18.00	20.12	21.00	
		48	5240		18.00			18.00		17.40	18.00	16.60	18.00	20.03	21.00	
	802.11n-HT20 MCS0	36	5180		18.00			18.00		Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		18.00			18.00			18.00		18.00		21.00	
		44	5220		18.00			18.00			18.00		18.00		21.00	
		48	5240		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT40 MCS0	38	5190		17.00			17.00		16.70	17.00	16.20	17.00	19.47	20.00	85.87
		46	5230		18.00			18.00		17.70	18.00	17.40	18.00	20.56	21.00	
	802.11ac-VHT20 MCS0	36	5180		18.00			18.00	Not required	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		18.00			18.00			18.00		18.00		21.00	
		44	5220		18.00			18.00			18.00		18.00		21.00	
		48	5240		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	38	5190		18.00			18.00			18.00		18.00		21.00	86.15
		46	5230		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	42	5210		17.00			17.00		16.80	17.00	16.20	17.00	19.52	20.00	86.15
	802.11ax-HE20 MCS0	36	5180		18.00			18.00		Not required	18.00	Not required	18.00	Not required	21.00	
		40	5200		18.00			18.00			18.00		18.00		21.00	
		44	5220		18.00			18.00			18.00		18.00		21.00	
		48	5240		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE40 MCS0	38	5190		17.50			17.50			17.00		17.00		20.00	Not required
		46	5230		17.50			17.50			18.00		18.00		21.00	
	802.11ax-HE80 MCS0	42	5210		17.00			17.00			17.00		17.00		20.00	

<5.8GHz WLAN_Power table 2 _Non-DBS>																
				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	Not required	16.00	Not required	Not required	16.00	Not required	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00			16.00			16.00		19.00			
		165	5825		16.00			16.00			16.00		19.00			
	802.11n-HT20 MCS0	149	5745		16.00			16.00			16.00		19.00			
		157	5785		16.00			16.00			16.00		19.00			
		165	5825		16.00			16.00			16.00		19.00			
	802.11n-HT40 MCS0	151	5755		16.00			16.00		15.70	16.00	15.50	16.00	18.61	19.00	85.87
		159	5795		16.00			16.00		15.30	16.00	15.10	16.00	18.21	19.00	
	802.11ac-VHT20 MCS0	149	5745		16.00			16.00		Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00			16.00			16.00		19.00			
		165	5825		16.00			16.00			16.00		19.00			
	802.11ac-VHT40 MCS0	151	5755		16.00			16.00			16.00		16.00		19.00	
		159	5795		16.00			16.00			16.00		19.00			
	802.11ac-VHT80 MCS0	155	5775		16.00			16.00			15.10		16.00		15.00	
	802.11ax-HE20 MCS0	149	5745		16.00			16.00		Not required	16.00	Not required	16.00	Not required	19.00	Not required
		157	5785		16.00			16.00			16.00		19.00			
		165	5825		16.00			16.00			16.00		19.00			
	802.11ax-HE40 MCS0	151	5755		16.00			16.00			16.00		16.00		19.00	
		159	5795		16.00			16.00			16.00		19.00			
	802.11ax-HE80 MCS0	155	5775		16.00			16.00			16.00		16.00		19.00	
		155	5775		16.00			16.00			16.00		16.00		19.00	

<2.4GHz WLAN_Power table 3 _Non-DBS>																
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	20.90	21.00	85.60	20.70	21.00	85.60	20.20	21.00	20.60	21.00	23.41	24.00	85.84
		6	2437	20.60	21.00		20.50	21.00		19.30	21.00	19.60	21.00	22.46	24.00	
		11	2462	20.80	21.00		20.70	21.00		19.60	21.00	19.90	21.00	22.76	24.00	
	802.11g 6Mbps	1	2412	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		6	2437		21.00			21.00			21.00		21.00		24.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN_Power table 3 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	18.00	Not required	Not required	18.00	Not required	Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		18.50			18.50			18.50		18.50		21.50	
		44	5220		18.50			18.50			18.50		18.50		21.50	
		48	5240		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	36	5180		18.00			18.00		17.10	18.00	16.90	18.00	20.01	21.00	86.14
		40	5200		19.00			19.00		18.30	19.00	18.20	19.00	21.26	22.00	
		44	5220		19.00			19.00		18.50	19.00	18.20	19.00	21.36	22.00	
		48	5240		19.00			19.00		18.20	19.00	17.70	19.00	20.97	22.00	
	802.11n-HT40 MCS0	38	5190		17.00			17.00		16.70	17.00	16.20	17.00	19.47	20.00	85.87
		46	5230		19.00			19.00		18.30	19.00	18.10	19.00	21.21	22.00	
	802.11ac-VHT20 MCS0	36	5180		18.00			18.00		Not required	18.00	Not required	18.00	Not required	21.00	Not required
		40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		19.00			19.00			19.00		18.00		22.00	
	802.11ac-VHT40 MCS0	38	5190		18.00			18.00			18.00		17.00		21.00	
		46	5230		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	42	5210		17.00			17.00			17.00		17.00		20.00	
		36	5180		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE20 MCS0	40	5200		19.00			19.00			19.00		19.00		22.00	
		44	5220		19.00			19.00			19.00		19.00		22.00	
		48	5240		19.00			19.00			19.00		18.00		22.00	
		38	5190		17.00			17.00			17.00		17.00		20.00	
	802.11ax-HE40 MCS0	46	5230		19.00			19.00			19.00		19.00		22.00	
		42	5210		17.00			17.00			17.00		17.00		20.00	

<5.3GHz WLAN_Power table 3 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	18.00	Not required	Not required	18.00	Not required	17.90	18.00	17.80	18.00	20.86	21.00	86.07
		56	5280		18.50			18.50		18.10	18.50	17.80	18.50	20.96	21.50	
		60	5300		18.50			18.50		18.20	18.50	17.90	18.50	21.06	21.50	
		64	5320		18.50			18.50		18.10	18.50	17.90	18.50	21.01	21.50	
	802.11n-HT20 MCS0	52	5260		18.00			18.00		17.90	18.00	17.60	18.00	20.76	21.00	86.14
		56	5280		19.00			19.00		18.70	19.00	18.10	19.00	21.42	22.00	
		60	5300		19.00			19.00		18.80	19.00	18.20	19.00	21.52	22.00	
		64	5320		18.50			18.50		18.10	18.50	17.70	18.50	20.91	21.50	
	802.11n-HT40 MCS0	54	5270		18.50			18.50		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		62	5310		17.00			17.00			16.00		16.00		19.00	
	802.11ac-VHT20 MCS0	52	5260		18.00			18.00			18.50		18.50		21.50	
		56	5280		19.00			19.00			19.00		19.00		22.00	
		60	5300		19.00			19.00			19.00		19.00		22.00	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	54	5270		18.50			18.50			18.50		18.50		21.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	58	5290		16.50			16.50		16.30	16.50	16.20	16.50	19.26	19.50	86.15
	802.11ac-VHT160 MCS0	50	5250		12			12		Not required	12.00	Not required	12.00	Not required	15.00	Not required
	802.11ax-HE20 MCS0	52	5260		18.50			18.50			18.50		18.50		21.50	
		56	5280		19.00			19.00			19.00		19.00		22.00	
		60	5300		19.00			19.00			19.00		19.00		22.00	
		64	5320		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	54	5270		18.50			18.50			18.50		18.50		21.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ax-HE80 MCS0	58	5290		16.50			16.50			16.50		16.50		19.50	
	802.11ax-HE160 MCS0	50	5250		12			12			12.00		12.00		15.00	

<5.5GHz WLAN_Power table 3 _Non-DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	19.00	Not required	Not required	19.00	Not required	Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		19.00			19.00			18.50		18.50		21.50	
		124	5620		19.00			19.00			18.50		18.50		21.50	
		132	5660		19.00			19.00			18.50		18.50		21.50	
		144	5720		19.00			19.00			18.50		18.50		21.50	
	802.11n-HT20 MCS0	100	5500		20.00			20.00			18.50		18.50		21.50	
		116	5580		20.00			20.00			18.50		18.50		21.50	
		124	5620		20.00			20.00			18.50		18.50		21.50	
		132	5660		20.00			20.00			18.50		18.50		21.50	
		144	5720		20.00			20.00			18.50		18.50		21.50	
	802.11n-HT40 MCS0	102	5510		18.50			18.50		17.70	18.00	17.50	18.00	20.61	21.00	85.87
		110	5550		18.50			18.50		18.10	18.50	17.80	18.50	21.06	21.50	
		126	5630		18.50			18.50		17.90	18.50	17.80	18.50	20.86	21.50	
		134	5670		18.50			18.50		18.00	18.50	17.80	18.50	20.91	21.50	
		142	5710		18.50			18.50		17.80	18.50	17.80	18.50	20.81	21.50	
	802.11ac-VHT20 MCS0	100	5500		19.00			19.00		Not required	18.50	Not required	18.50	Not required	21.50	Not required
		116	5580		19.00			19.00			18.50		18.50		21.50	
		124	5620		19.00			19.00			18.50		18.50		21.50	
		132	5660		19.00			19.00			18.50		18.50		21.50	
		144	5720		19.00			19.00			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	102	5510		18.00			18.00			18.00	Not required	18.00	Not required	21.00	Not required
		110	5550		18.00			18.00			18.50		18.50		21.50	
		126	5630		18.00			18.00			18.50		18.50		21.50	
		134	5670		18.00			18.00			18.50		18.50		21.50	
		142	5710		18.00			18.00			18.50		18.50		21.50	
	802.11ac-VHT80 MCS0	106	5530		18.00			18.00		17.40	18.00	17.30	18.00	20.36	21.00	86.15
		122	5610		18.00			18.00		17.50	18.00	17.30	18.00	20.41	21.00	
		138	5690		18.00			18.00		17.40	18.00	17.20	18.00	20.31	21.00	
	802.11ac-VHT160 MCS0	114	5570		16.50			16.50		Not required	15.00	Not required	15.00	Not required	18.00	Not required
	802.11ax-HE20 MCS0	100	5500		18.00			18.00			18.50		18.50		21.50	
		116	5580		18.00			18.00			18.50		18.50		21.50	
		124	5620		18.00			18.00			18.50		18.50		21.50	
		132	5660		18.00			18.00			18.50		18.50		21.50	
		144	5720		18.00			18.00			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	102	5510		17.50			17.50			18.00		18.00		21.00	
		110	5550		17.50			17.50			18.50		18.50		21.50	
		126	5630		17.50			17.50			18.50		18.50		21.50	
		134	5670		17.50			17.50			18.50		18.50		21.50	
		142	5710		17.50			17.50			18.50		18.50		21.50	
	802.11ax-HE80 MCS0	106	5530		17.50			17.50			18.00		18.00		21.00	
		122	5610		17.50			17.50			18.00		18.00		21.00	
		138	5690		17.50			17.50			18.00		18.00		21.00	
	802.11ax-HE160 MCS0	114	5570		17.00			17.00			15.00		15.00		18.00	

<5.8GHz WLAN_Power table 3 _Non-DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		157	5785		19.00			19.00			19.00		19.00		22.00	
		165	5825		19.00			19.00			19.00		19.00		22.00	
	802.11n-HT20 MCS0	149	5745		20.00			20.00			19.00		19.00		22.00	
		157	5785		20.00			20.00			19.00		19.00		22.00	
		165	5825		20.00			20.00			19.00		19.00		22.00	
	802.11n-HT40 MCS0	151	5755		18.50			18.50		18.40	19.00	18.50	19.00	21.46	22.00	85.87
		159	5795		18.50			18.50		18.10	19.00	18.30	19.00	21.21	22.00	
	802.11ac-VHT20 MCS0	149	5745		19.00			19.00		Not required	19.00	Not required	19.00	Not required	22.00	Not required
		157	5785		19.00			19.00			19.00		19.00		22.00	
		165	5825		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT40 MCS0	151	5755		18.00			18.00			19.00		19.00		22.00	
		159	5795		18.00			18.00			19.00		19.00		22.00	
		155	5775		18.00			18.00			18.40	19.00	18.60	19.00	21.51	22.00
	802.11ax-HE20 MCS0	149	5745		18.00			18.00		Not required	19.00	Not required	19.00	Not required	22.00	Not required
		157	5785		18.00			18.00			19.00		19.00		22.00	
		165	5825		18.00			18.00			19.00		19.00		22.00	
	802.11ax-HE40 MCS0	151	5755		17.50			17.50			19.00		19.00		22.00	
		159	5795		17.50			17.50			19.00		19.00		22.00	
	802.11ax-HE80 MCS0	155	5775		17.50			17.50			19.00		19.00		22.00	

<6GHz WLAN_Power table 3 _Non-DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	9.50	Not required	Not required	9.50	Not required	Not required	9.50	Not required	9.50	Not required	12.50	86.00
		57	6235		9.50			9.50			9.50		9.50		12.50	
		113	6515		11.50			11.50			11.50		11.50		14.50	
		173	6815		10.00			10.00			10.00		10.00		13.00	
		233	7115		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE20 MCS0	1	5955		9.50			9.50			9.50		9.50		12.50	Not required
		57	6235		9.50			9.50			9.50		9.50		12.50	
		113	6515		11.50			11.50			11.50		11.50		14.50	
		173	6815		10.00			10.00			10.00		10.00		13.00	
		233	7115		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE40 MCS0	3	5965		9.50			9.50			9.50		9.50		12.50	
		59	6245		9.50			9.50			9.50		9.50		12.50	
		107	6485		11.50			11.50			11.50		11.50		14.50	
		171	6805		10.00			10.00			10.00		10.00		13.00	
		227	7085		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE80 MCS0	7	5985		9.50			9.50			9.50		9.50		12.50	
		71	6305		9.50			9.50			9.50		9.50		12.50	
		119	6545		11.50			11.50			11.50		11.50		14.50	
		167	6785		10.00			10.00			10.00		10.00		13.00	
		215	7025		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE160 MCS0	15	6025		9.50			9.50		9.10	9.50	9.50	9.50	12.31	12.50	85.76
		47	6185		9.50			9.50		8.60	9.50	8.35	9.50	11.49	12.50	
		111	6505		11.50			11.50		11.30	11.50	11.10	11.50	14.21	14.50	
		143	6665		10.00			10.00		10.00	10.00	9.90	10.00	12.96	13.00	
		207	6985		11.00			11.00		10.40	11.00	9.90	11.00	13.17	14.00	

**DBS**

<2.4GHz WLAN_Power table 1 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.70	19.50	85.60	18.70	19.50	85.60	18.80	19.50	18.70	19.50	21.76	22.50	85.84
		6	2437	18.60	19.50		18.60	19.50		18.20	19.50	18.30	19.50	21.26	22.50	
		11	2462	18.60	19.50		18.60	19.50		18.70	19.50	18.60	19.50	21.66	22.50	
	802.11g 6Mbps	1	2412	Not required	19.00	Not required	Not required	19.00	Not required	Not required	19.00	Not required	19.00	Not required	22.00	Not required
		6	2437		19.50			19.50			19.50		19.50		22.50	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		20.50			20.50			20.50		20.50		23.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		17.50			17.50			17.50		17.50		20.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		19.50			19.50			19.50		19.50		22.50	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN Power table 1 DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	16.50	Not required	Not required	16.50	Not required	Not required	16.50	Not required	16.50	Not required	19.50	Not required
		40	5200		16.50			16.50			16.50		16.50		19.50	
		44	5220		16.50			16.50			16.50		16.50		19.50	
		48	5240		16.50			16.50			16.50		16.50		19.50	
	802.11n-HT20 MCS0	36	5180		16.50			16.50			16.50		16.50		19.50	
		40	5200		16.50			16.50			16.50		16.50		19.50	
		44	5220		16.50			16.50			16.50		16.50		19.50	
		48	5240		16.50			16.50			16.50		16.50		19.50	
	802.11n-HT40 MCS0	38	5190		16.50			16.50			16.50		16.50		19.50	
		46	5230		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	36	5180		16.50			16.50			16.50		16.50		19.50	
		40	5200		16.50			16.50			16.50		16.50		19.50	
		44	5220		16.50			16.50			16.50		16.50		19.50	
		48	5240		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	38	5190		16.50			16.50			16.50		16.50		19.50	
		46	5230		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT80 MCS0	42	5210		16.50			16.50		16.80	16.50	16.20	16.50	19.52	19.50	86.15
	802.11ax-HE20 MCS0	36	5180		16.50			16.50		Not required	16.50	Not required	16.50	Not required	19.50	Not required
		40	5200		16.50			16.50			16.50		16.50		19.50	
		44	5220		16.50			16.50			16.50		16.50		19.50	
		48	5240		16.50			16.50			16.50		16.50		19.50	
	802.11ax-HE40 MCS0	38	5190		16.50			16.50			16.50		16.50		19.50	
		46	5230		16.50			16.50			16.50		16.50		19.50	
	802.11ax-HE80 MCS0	42	5210		16.50			16.50			16.50		16.50		19.50	

<5.3GHz WLAN Power table 1 DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	16.50	Not required	Not required	16.50	Not required	Not required	16.50	Not required	16.50	Not required	19.50	Not required
		56	5280		16.50			16.50			16.50		16.50		19.50	
		60	5300		16.50			16.50			16.50		16.50		19.50	
		64	5320		16.50			16.50			16.50		16.50		19.50	
	802.11n-HT20 MCS0	52	5260		16.50			16.50			16.50		16.50		19.50	
		56	5280		16.50			16.50			16.50		16.50		19.50	
		60	5300		16.50			16.50			16.50		16.50		19.50	
		64	5320		16.00			16.00			16.00		16.00		19.00	
	802.11n-HT40 MCS0	54	5270		16.50			16.50			16.50		16.50		19.50	
		62	5310		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	52	5260		16.50			16.50			16.50		16.50		19.50	
		56	5280		16.50			16.50			16.50		16.50		19.50	
		60	5300		16.50			16.50			16.50		16.50		19.50	
		64	5320		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	54	5270		16.50			16.50			16.50		16.50		19.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ac-VHT80 MCS0	58	5290		16.50			16.50		16.30	16.50	16.20	16.50	19.26	19.50	85.38
	802.11ac-VHT160 MCS0	50	5250		12.00			12.00		Not required	12.00	Not required	12.00	Not required	15.00	Not required
	802.11ax-HE20 MCS0	52	5260		16.50			16.50			16.50		16.50		19.50	
		56	5280		16.50			16.50			16.50		16.50		19.50	
		60	5300		16.50			16.50			16.50		16.50		19.50	
		64	5320		16.50			16.50			16.50		16.50		19.50	
	802.11ax-HE40 MCS0	54	5270		16.50			16.50			16.50		16.50		19.50	
		62	5310		16.00			16.00			16.00		16.00		19.00	
	802.11ax-HE80 MCS0	58	5290		16.00			16.00			16.00		16.00		19.00	
	802.11ax-HE160 MCS0	50	5250		12.00			12.00			12.00		12.00		15.00	



<5.5GHz WLAN Power table 1 DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not required	16.50	Not required	Not required	16.50	Not required	Not required	16.50	Not required	16.50	Not required	19.50	Not required
		116	5580		16.50			16.50			16.50		16.50		19.50	
		124	5620		16.50			16.50			16.50		16.50		19.50	
		132	5660		16.50			16.50			16.50		16.50		19.50	
		144	5720		16.50			16.50			16.50		16.50		19.50	
	802.11n-HT20 MCS0	100	5500		16.50			16.50			16.50		16.50		19.50	
		116	5580		16.50			16.50			16.50		16.50		19.50	
		124	5620		16.50			16.50			16.50		16.50		19.50	
		132	5660		16.50			16.50			16.50		16.50		19.50	
		144	5720		16.50			16.50			16.50		16.50		19.50	
	802.11n-HT40 MCS0	102	5510		16.50			16.50			16.50		16.50		19.50	
		110	5550		16.50			16.50			16.50		16.50		19.50	
		126	5630		16.50			16.50			16.50		16.50		19.50	
		134	5670		16.50			16.50			16.50		16.50		19.50	
		142	5710		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	100	5500		16.50			16.50			16.50		16.50		19.50	
		116	5580		16.50			16.50			16.50		16.50		19.50	
		124	5620		16.50			16.50			16.50		16.50		19.50	
		132	5660		16.50			16.50			16.50		16.50		19.50	
		144	5720		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT40 MCS0	102	5510		16.50			16.50			16.50		16.50		19.50	
		110	5550		16.50			16.50			16.50		16.50		19.50	
		126	5630		16.50			16.50			16.50		16.50		19.50	
		134	5670		16.50			16.50			16.50		16.50		19.50	
		142	5710		16.50			16.50			16.50		16.50		19.50	
	802.11ac-VHT80 MCS0	106	5530		16.50			16.50			16.40	16.50	16.10	16.50	19.26	19.50
		122	5610		16.50			16.50			16.40	16.50	15.70	16.50	19.07	19.50
		138	5690		16.50			16.50			16.60	16.50	16.20	16.50	19.41	19.50
	802.11ac-VHT160 MCS0	114	5570		15.00			15.00			Not required	Not required	Not required	Not required	18.00	Not required
	802.11ax-HE20 MCS0	100	5500		16.50			16.50							19.50	
		116	5580		16.50			16.50							19.50	
		124	5620		16.50			16.50							19.50	
		132	5660		16.50			16.50							19.50	
		144	5720		16.50			16.50							19.50	
	802.11ax-HE40 MCS0	102	5510		16.50			16.50							19.50	
		110	5550		16.50			16.50							19.50	
		126	5630		16.50			16.50							19.50	
		134	5670		16.50			16.50							19.50	
		142	5710		16.50			16.50							19.50	
	802.11ax-HE80 MCS0	106	5530		16.50			16.50							19.50	
		122	5610		16.50			16.50							19.50	
		138	5690		16.50			16.50							19.50	
	802.11ax-HE160 MCS0	114	5570		15.00			15.00							18.00	



<5.8GHz WLAN Power table 1 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	16.50	Not required	Not required	16.50	Not required	Not required	16.50	Not required	16.50	Not required	19.50	Not required
		157	5785		16.50			16.50			16.50		19.50			
		165	5825		16.50			16.50			16.50		19.50			
	802.11n-HT20 MCS0	149	5745		16.50			16.50			16.50		19.50			
		157	5785		16.50			16.50			16.50		19.50			
		165	5825		16.50			16.50			16.50		19.50			
	802.11n-HT40 MCS0	151	5755		16.50			16.50			16.50		19.50			
		159	5795		16.50			16.50			16.50		19.50			
	802.11ac-VHT20 MCS0	149	5745		16.50			16.50			16.50		19.50			
		157	5785		16.50			16.50			16.50		19.50			
		165	5825		16.50			16.50			16.50		19.50			
	802.11ac-VHT40 MCS0	151	5755		16.50			16.50			16.50		19.50			
		159	5795		16.50			16.50			16.50		19.50			
	802.11ac-VHT80 MCS0	155	5775		16.50			16.50		16.00	16.50	15.80	16.50	18.91	19.50	
	802.11ax-HE20 MCS0	149	5745		16.50			16.50		Not required	16.50	Not required	16.50	Not required	19.50	Not required
		157	5785		16.50			16.50			16.50		19.50			
		165	5825		16.50			16.50			16.50		19.50			
	802.11ax-HE40 MCS0	151	5755		16.50			16.50			16.50		19.50			
		159	5795		16.50			16.50			16.50		19.50			
	802.11ax-HE80 MCS0	155	5775		16.50			16.50			16.50		16.50		19.50	

<WiFi 6E Power table 1 _DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	17.00	Not required	Not required	17.00	Not required	16.80	17.00	16.90	17.00	19.86	20.00	86.00
		57	6235		17.00			17.00		16.30	17.00	16.60	17.00	19.46	20.00	
		113	6515		12.50			12.50		12.00	12.50	12.10	12.50	15.06	15.50	
		173	6815		18.50			18.50		17.50	18.50	17.60	18.50	20.56	21.50	
		233	7115		13.00			13.00		12.50	13.00	12.60	13.00	15.56	16.00	
	802.11ax-HE20 MCS0	1	5955		17.00			17.00		Not required	17.00	Not required	17.00	Not required	20.00	Not required
		57	6235		17.00			17.00			17.00		17.00		20.00	
		113	6515		12.50			12.50			12.50		12.50		15.50	
		173	6815		17.00			17.00			17.00		17.00		20.00	
		233	7115		13.00			13.00			13.00		13.00		16.00	
	802.11ax-HE40 MCS0	3	5965		17.00			17.00			17.00		17.00		20.00	
		59	6245		17.00			17.00			17.00		17.00		20.00	
		107	6485		12.50			12.50			12.50		12.50		15.50	
		171	6805		17.00			17.00			17.00		17.00		20.00	
		227	7085		13.00			13.00			13.00		13.00		16.00	
	802.11ax-HE80 MCS0	7	5985		17.00			17.00			17.00		17.00		20.00	
		71	6305		17.00			17.00			17.00		17.00		20.00	
		119	6545		12.50			12.50			12.50		12.50		15.50	
		167	6785		17.00			17.00			17.00		17.00		20.00	
		215	7025		13.00			13.00			13.00		13.00		16.00	
	802.11ax-HE160 MCS0	15	6025		17.00			17.00		15.60	17.00	16.20	17.00	18.92	20.00	85.76
		47	6185		17.00			17.00		15.90	17.00	16.40	17.00	19.17	20.00	
		111	6505		12.50			12.50		12.20	12.50	12.10	12.50	15.16	15.50	
		143	6665		16.00			16.00		15.80	16.00	16.00	16.00	18.91	19.00	
		207	6985		13.00			13.00		12.70	13.00	12.30	13.00	15.51	16.00	



FCC SAR TEST REPORT

Report No. : FA411111B

<2.4GHz WLAN Power table 2 _DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.70	16.00	85.60	15.80	16.00	85.60	15.30	16.00	15.80	16.00	18.57	19.00	85.84
		6	2437	15.50	16.00		15.70	16.00		15.20	16.00	15.50	16.00	18.36	19.00	
		11	2462	15.60	16.00		15.70	16.00		15.20	16.00	15.70	16.00	18.47	19.00	
	802.11g 6Mbps	1	2412	Not required	16.00	Not required	Not required	16.00	Not required	Not required	16.00	Not required	16.00	Not required	19.00	Not required
		6	2437		16.00			16.00			16.00		16.00		19.00	
		11	2462		16.00			16.00			16.00		16.00		19.00	
	802.11n-HT20 MCS0	1	2412		16.00			16.00			16.00		16.00		19.00	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412		16.00			16.00			16.00		16.00		19.00	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		16.00			16.00			16.00		16.00		19.00	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		16.00			16.00			16.00		16.00		19.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN Power table 2 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7									
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %							
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	14.00	Not required	Not required	14.00	Not required	Not required	14.00	Not required	14.00	Not required	17.00	Not required							
		40	5200		14.00			14.00			14.00		14.00		17.00								
		44	5220		14.00			14.00			14.00		14.00		17.00								
		48	5240		14.00			14.00			14.00		14.00		17.00								
	802.11n-HT20 MCS0	36	5180		14.00			14.00			14.00		14.00		17.00								
		40	5200		14.00			14.00			14.00		14.00		17.00								
		44	5220		14.00			14.00			14.00		14.00		17.00								
		48	5240		14.00			14.00			14.00		14.00		17.00								
	802.11n-HT40 MCS0	38	5190		14.00			14.00			14.00		14.00		17.00								
		46	5230		14.00			14.00			14.00		14.00		17.00								
	802.11ac-VHT20 MCS0	36	5180		14.00			14.00			14.00		14.00		17.00								
		40	5200		14.00			14.00			14.00		14.00		17.00								
		44	5220		14.00			14.00			14.00		14.00		17.00								
		48	5240		14.00			14.00			14.00		14.00		17.00								
	802.11ac-VHT40 MCS0	38	5190		14.00			14.00			14.00		14.00		17.00								
		46	5230		14.00			14.00			14.00		14.00		17.00								
	802.11ac-VHT80 MCS0	42	5210		14.00			14.00			13.90	14.00	13.50	14.00	16.71	17.00	86.15						
	802.11ax-HE20 MCS0	36	5180		14.00			14.00			Not required	14.00	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required	Not required		
		40	5200		14.00			14.00				14.00											
		44	5220		14.00			14.00				14.00											
		48	5240		14.00			14.00				14.00											
	802.11ax-HE40 MCS0	38	5190		14.00			14.00				14.00										14.00	17.00
		46	5230		14.00			14.00				14.00										14.00	17.00
	802.11ax-HE80 MCS0	42	5210		14.00			14.00				14.00										14.00	17.00

<5.8GHz WLAN Power table 2 _DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	11.00	Not required	Not required	11.00	Not required	Not required	11.00	Not required	11.00	Not required	14.00	Not required
		157	5785		11.00			11.00			11.00		11.00		14.00	
		165	5825		11.00			11.00			11.00		11.00		14.00	
	802.11n-HT20 MCS0	149	5745		11.00			11.00			11.00		11.00		14.00	
		157	5785		11.00			11.00			11.00		11.00		14.00	
		165	5825		11.00			11.00			11.00		11.00		14.00	
	802.11n-HT40 MCS0	151	5755		11.00			11.00			11.00		11.00		14.00	
		159	5795		11.00			11.00			11.00		11.00		14.00	
		149	5745		11.00			11.00			11.00		11.00		14.00	
	802.11ac-VHT20 MCS0	157	5785		11.00			11.00			11.00		11.00		14.00	
		165	5825		11.00			11.00			11.00		11.00		14.00	
		151	5755		11.00			11.00			11.00		11.00		14.00	
	802.11ac-VHT40 MCS0	159	5795		11.00			11.00			11.00		11.00		14.00	
		155	5775		11.00			11.00		10.60	11.00	10.70	11.00	13.66	14.00	86.15
		149	5745		11.00			11.00		Not required	11.00	Not required	11.00	Not required	14.00	Not required
	802.11ax-HE20 MCS0	157	5785		11.00			11.00			11.00		11.00		14.00	
		165	5825		11.00			11.00			11.00		11.00		14.00	
		151	5755		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE40 MCS0	159	5795		11.00			11.00			11.00		11.00		14.00	
		155	5775		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE80 MCS0	155	5775		11.00			11.00			11.00		11.00		14.00	

<2.4GHz WLAN Power table 3 _DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.80	17.00	85.60	16.90	17.00	85.60	16.50	17.00	16.80	17.00	19.66	20.00	85.84
		6	2437	16.40	17.00		16.80	17.00		16.00	17.00	16.60	17.00	19.32	20.00	
		11	2462	16.60	17.00		16.80	17.00		16.40	17.00	16.70	17.00	19.56	20.00	
	802.11g 6Mbps	1	2412		17.00			17.00			17.00		17.00		20.00	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT20 MCS0	1	2412		17.00			17.00			17.00		17.00		20.00	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11n-HT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ac-VHT20 MCS0	1	2412	Not required	17.00	Not required	Not required	17.00	Not required	Not required	17.00	Not required	17.00	Not required	20.00	Not required
		6	2437		17.00			17.00			17.00		17.00		20.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ac-VHT40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	
	802.11ax-HE20 MCS0	1	2412		17.00			17.00			17.00		17.00		20.00	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		11	2462		15.00			15.00			15.00		15.00		18.00	
	802.11ax-HE40 MCS0	3	2422		13.50			13.50			13.50		13.50		16.50	
		6	2437		17.00			17.00			17.00		17.00		20.00	
		9	2452		10.50			10.50			10.50		10.50		13.50	

<5.2GHz WLAN Power table 3 _DBS>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not required	15.50	Not required	Not required	15.50	Not required	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50			15.50			15.50		15.50		18.50	
		44	5220		15.50			15.50			15.50		15.50		18.50	
		48	5240		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT20 MCS0	36	5180		15.50			15.50			15.50		15.50		18.50	
		40	5200		15.50			15.50			15.50		15.50		18.50	
		44	5220		15.50			15.50			15.50		15.50		18.50	
		48	5240		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT40 MCS0	38	5190		15.50			15.50			15.50		15.50		18.50	
		46	5230		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	36	5180		15.50			15.50			15.50		15.50		18.50	
		40	5200		15.50			15.50			15.50		15.50		18.50	
		44	5220		15.50			15.50			15.50		15.50		18.50	
		48	5240		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	38	5190		15.50			15.50			15.50		15.50		18.50	
		46	5230		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT80 MCS0	42	5210		15.50			15.50		15.40	15.50	15.20	15.50	18.31	18.50	86.15
	802.11ax-HE20 MCS0	36	5180		15.50			15.50		Not required	15.50	Not required	15.50	Not required	18.50	Not required
		40	5200		15.50			15.50			15.50		15.50		18.50	
		44	5220		15.50			15.50			15.50		15.50		18.50	
		48	5240		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE40 MCS0	38	5190		15.50			15.50			15.50		15.50		18.50	
		46	5230		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE80 MCS0	42	5210		15.50			15.50			15.50		15.50		18.50	

<5.3GHz WLAN Power table 3 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not required	15.50	Not required	Not required	15.50	Not required	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		56	5280		15.50			15.50			15.50		15.50		18.50	
		60	5300		15.50			15.50			15.50		15.50		18.50	
		64	5320		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT20 MCS0	52	5260		15.50			15.50			15.50		15.50		18.50	
		56	5280		15.50			15.50			15.50		15.50		18.50	
		60	5300		15.50			15.50			15.50		15.50		18.50	
		64	5320		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT40 MCS0	54	5270		15.50			15.50			15.50		15.50		18.50	
		62	5310		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	52	5260		15.50			15.50			15.50		15.50		18.50	
		56	5280		15.50			15.50			15.50		15.50		18.50	
		60	5300		15.50			15.50			15.50		15.50		18.50	
		64	5320		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	54	5270		15.50			15.50			15.50		15.50		18.50	
		62	5310		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT80 MCS0	58	5290		15.50			15.50		15.20	15.50	15.00	15.50	18.11	18.50	86.15
	802.11ac-VHT160 MCS0	50	5250		12.00			12.00		Not required	12.00	Not required	12.00	Not required	15.00	Not required
	802.11ax-HE20 MCS0	52	5260		15.50			15.50			15.50		15.50		18.50	
		56	5280		15.50			15.50			15.50		15.50		18.50	
		60	5300		15.50			15.50			15.50		15.50		18.50	
		64	5320		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE40 MCS0	54	5270		15.50			15.50			15.50		15.50		18.50	
		62	5310		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE80 MCS0	58	5290		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE160 MCS0	50	5250		12.00			12.00			12.00		12.00		15.00	

<5.5GHz WLAN Power table 3 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7			
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %	
	802.11a 6Mbps	100	5500	Not required	17.50	Not required	Not required	17.50	Not required	Not required	Not required	17.50	Not required	17.50	Not required	20.50	Not required
		116	5580		17.50			17.50				17.50		20.50			
		124	5620		17.50			17.50				17.50		20.50			
		132	5660		17.50			17.50				17.50		20.50			
		144	5720		17.50			17.50				17.50		20.50			
	802.11n-HT20 MCS0	100	5500		17.50			17.50				17.50		20.50			
		116	5580		17.50			17.50				17.50		20.50			
		124	5620		17.50			17.50				17.50		20.50			
		132	5660		17.50			17.50				17.50		20.50			
		144	5720		17.50			17.50				17.50		20.50			
	802.11n-HT40 MCS0	102	5510		17.50			17.50				17.50		20.50			
		110	5550		17.50			17.50				17.50		20.50			
		126	5630		17.50			17.50				17.50		20.50			
		134	5670		17.50			17.50				17.50		20.50			
	802.11ac-VHT20 MCS0	100	5500		17.50			17.50				17.50		20.50			
		116	5580		17.50			17.50			17.50	20.50					
		124	5620		17.50			17.50			17.50	20.50					
		132	5660		17.50			17.50			17.50	20.50					
		144	5720		17.50			17.50			17.50	20.50					
	802.11ac-VHT40 MCS0	102	5510		17.50			17.50			17.50	20.50					
		110	5550		17.50			17.50			17.50	20.50					
		126	5630		17.50			17.50			17.50	20.50					
		134	5670		17.50			17.50			17.50	20.50					
	802.11ac-VHT80 MCS0	106	5530		17.50			17.50			17.10	17.50	16.50	17.50	19.82	20.50	
		122	5610		17.50			17.50			17.00	17.50	16.40	17.50	19.72	20.50	
		138	5690		17.50			17.50			17.20	17.50	16.70	17.50	19.97	20.50	
	802.11ac-VHT160 MCS0	114	5570		15.00			15.00			Not required	15.00	Not required	15.00	Not required	18.00	
802.11ax-HE20 MCS0	100	5500	17.50		17.50			17.50				20.50					
	116	5580	17.50	17.50	17.50	20.50											
	124	5620	17.50	17.50	17.50	20.50											
	132	5660	17.50	17.50	17.50	20.50											
	144	5720	17.50	17.50	17.50	20.50											
802.11ax-HE40 MCS0	102	5510	17.50	17.50	17.50	20.50											
	110	5550	17.50	17.50	17.50	20.50											
	126	5630	17.50	17.50	17.50	20.50											
	134	5670	17.50	17.50	17.50	20.50											
802.11ax-HE80 MCS0	106	5530	17.50	17.50	17.50	20.50											
	122	5610	17.50	17.50	17.50	20.50											
	138	5690	17.50	17.50	17.50	20.50											
802.11ax-HE160 MCS0	114	5570	15.00	15.00	15.00	15.00	18.00										

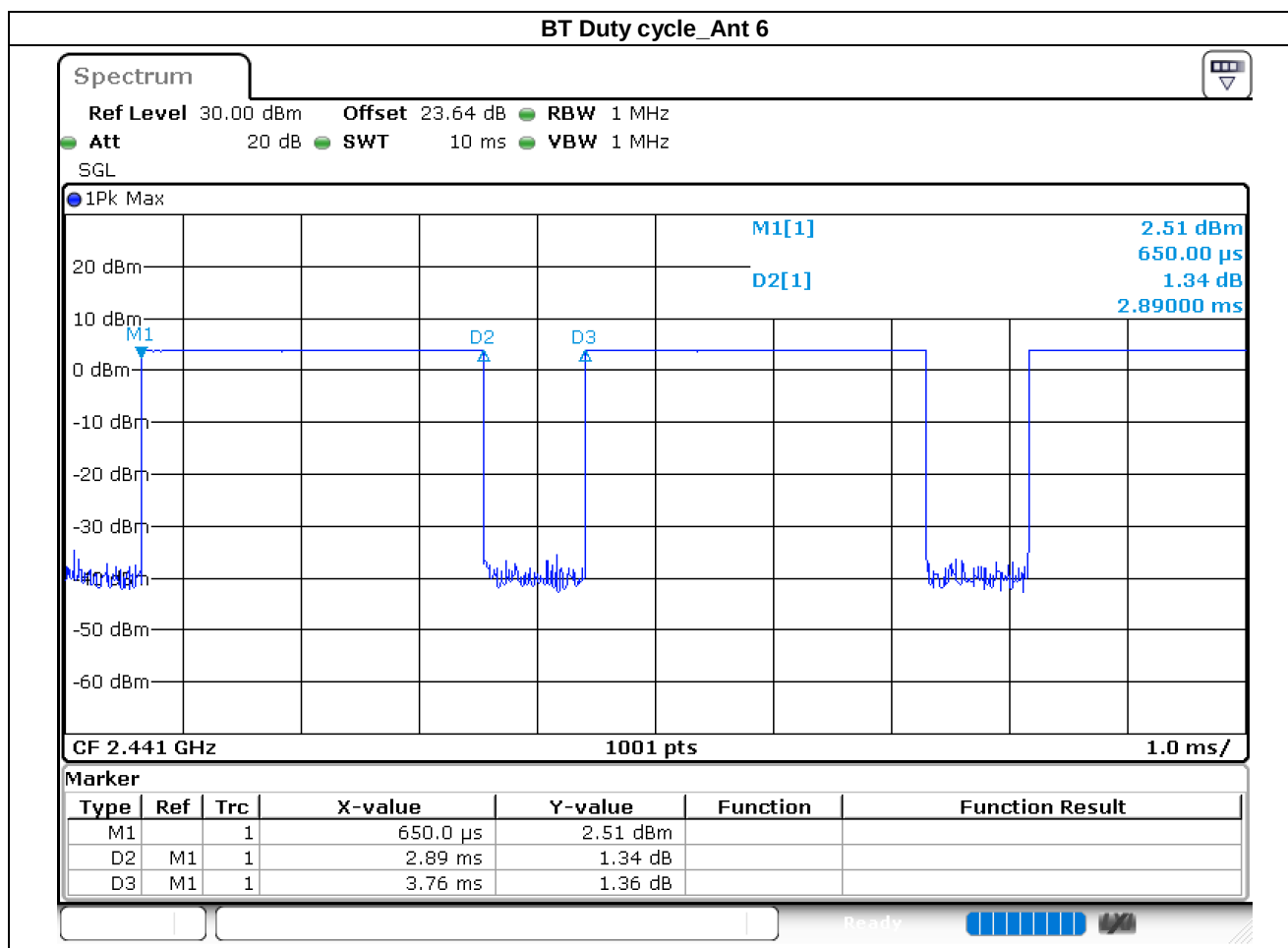
<5.8GHz WLAN Power table 3 _DBS>

				Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not required	15.50	Not required	Not required	15.50	Not required	Not required	15.50	Not required	15.50	Not required	18.50	Not required
		157	5785		15.50			15.50			15.50		15.50		18.50	
		165	5825		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT20 MCS0	149	5745		15.50			15.50			15.50		15.50		18.50	
		157	5785		15.50			15.50			15.50		15.50		18.50	
		165	5825		15.50			15.50			15.50		15.50		18.50	
	802.11n-HT40 MCS0	151	5755		15.50			15.50			15.50		15.50		18.50	
		159	5795		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT20 MCS0	149	5745		15.50			15.50			15.50		15.50		18.50	
		157	5785		15.50			15.50			15.50		15.50		18.50	
		165	5825		15.50			15.50			15.50		15.50		18.50	
	802.11ac-VHT40 MCS0	151	5755		15.50			15.50			15.50		15.50		18.50	
		159	5795		15.50			15.50			15.50		15.50		18.50	
		155	5775		15.50			15.50		15.30	15.50	15.20	15.50	18.26	18.50	86.15
	802.11ax-HE20 MCS0	149	5745		15.50			15.50		Not required	15.50	Not required	15.50	Not required	18.50	Not required
		157	5785		15.50			15.50			15.50		15.50		18.50	
		165	5825		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE40 MCS0	151	5755		15.50			15.50			15.50		15.50		18.50	
		159	5795		15.50			15.50			15.50		15.50		18.50	
	802.11ax-HE80 MCS0	155	5775		15.50			15.50			15.50		15.50		18.50	

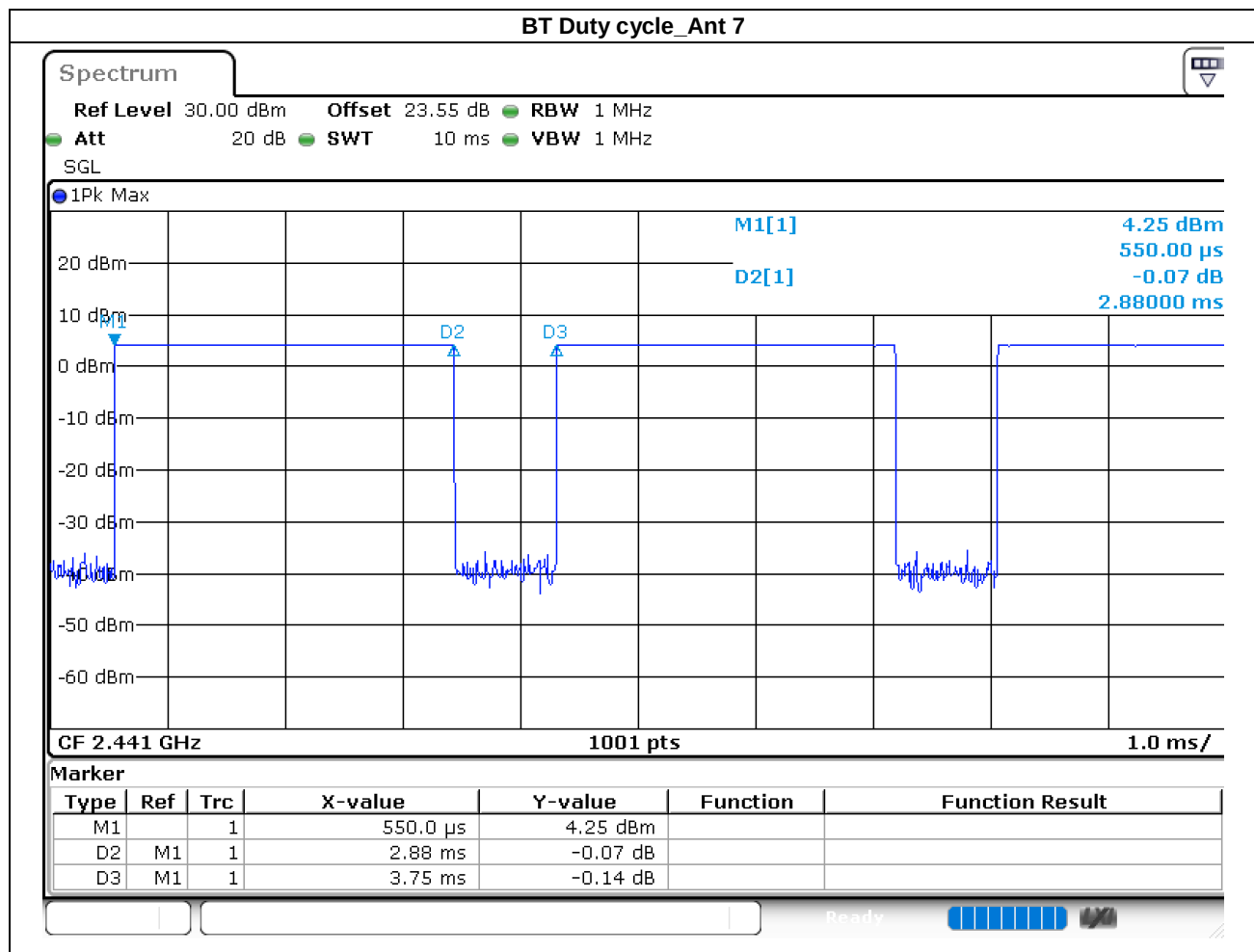
<WiFi 6E_Power table 3_DB5>

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7			Ant 6+7 (6)		Ant 6+7 (7)		Ant 6+7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Average power (dBm)	Tune-Up Limit	Duty Cycle %
WiFi 6E	802.11a 6Mbps	1	5955	Not required	9.50	Not required	Not required	9.50	Not required	Not required	9.50	Not required	9.50	Not required	12.50	Not required
		57	6235		9.50			9.50			9.50		9.50		12.50	
		113	6515		11.50			11.50			11.50		11.50		14.50	
		173	6815		10.00			10.00			10.00		10.00		13.00	
		233	7115		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE20 MCS0	1	5955		9.50			9.50			9.50		9.50		12.50	
		57	6235		9.50			9.50			9.50		9.50		12.50	
		113	6515		11.50			11.50			11.50		11.50		14.50	
		173	6815		10.00			10.00			10.00		10.00		13.00	
		233	7115		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE40 MCS0	3	5965		9.50			9.50			9.50		9.50		12.50	
		59	6245		9.50			9.50			9.50		9.50		12.50	
		107	6485		11.50			11.50			11.50		11.50		14.50	
		171	6805		10.00			10.00			10.00		10.00		13.00	
		227	7085		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE80 MCS0	7	5985		9.50			9.50			9.50		9.50		12.50	
		71	6305		9.50			9.50			9.50		9.50		12.50	
		119	6545		11.50			11.50			11.50		11.50		14.50	
		167	6785		10.00			10.00			10.00		10.00		13.00	
		215	7025		11.00			11.00			11.00		11.00		14.00	
	802.11ax-HE160 MCS0	15	6025		9.50			9.50			9.10	9.50	9.50	9.50	12.31	85.76
		47	6185		9.50			9.50			8.60	9.50	8.35	9.50	11.49	
		111	6505		11.50			11.50			11.30	11.50	11.10	11.50	14.21	
		143	6665		10.00			10.00			10.00	10.00	9.90	10.00	12.96	
		207	6985		11.00			11.00			10.40	11.00	9.90	11.00	13.17	

	Mode	Channel	Frequency (MHz)	Ant 6			Ant 7		
				Average power (dBm)	Tune-Up Limit	Duty Cycle %	Average power (dBm)	Tune-Up Limit	Duty Cycle %
Bluetooth	BR / EDR 1Mbps	0	2402	5.98	6.50	76.86	5.97	6.50	76.80
		39	2441	5.95	6.50		6.45	6.50	
		78	2480	5.57	6.50		5.75	6.50	
	BR / EDR 2Mbps	0	2402	Not Required	5.00	Not Required	Not Required	5.00	Not Required
		39	2441		5.00			5.00	
		78	2480		5.00			5.00	
	BR / EDR 3Mbps	0	2402		5.00			5.00	
		39	2441		5.00			5.00	
		78	2480		5.00			5.00	
	LE 1Mbps	0	2402		6.00			6.00	
		19	2440		6.00			6.00	
		39	2480		6.00			6.00	
	LE 2Mbps	0	2402		6.00			6.00	
		19	2440		6.00			6.00	
		39	2480		6.00			6.00	


General Note:

- For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.86% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.



General Note:

- For 2.4GHz Bluetooth SAR testing was selected 1Mbps due to its highest average power and duty cycle is 76.80% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.