

<FR1 n77/n78_Ant 9_WiFi off_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.59	21.69	21.58	22.0
40	PI/2 BPSK	1	53	21.37	21.47	21.44	
40	PI/2 BPSK	1	104	21.64	21.69	21.65	
40	PI/2 BPSK	50	0	21.45	21.55	21.47	22.0
40	PI/2 BPSK	50	28	21.41	21.50	21.44	22.0
40	PI/2 BPSK	50	56	21.49	21.49	21.46	22.0
40	PI/2 BPSK	100	0	21.48	21.54	21.45	
40	QPSK	1	1	21.55	21.52	21.67	22.0
40	QPSK	1	53	21.52	21.62	21.52	
40	QPSK	1	104	21.61	21.68	21.62	
40	QPSK	50	0	21.46	21.56	21.51	22.0
40	QPSK	50	28	21.47	21.51	21.45	
40	QPSK	50	56	21.53	21.55	21.51	
40	QPSK	100	0	21.51	21.57	21.56	22.0
40	16QAM	1	1	21.64	21.64	21.59	22.0
40	64QAM	1	1	21.46	21.55	21.51	22.0
40	256QAM	1	1	20.23	20.30	20.29	20.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.39	21.47	21.40	22.0
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	21.48	21.48	21.46	22.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.45	21.39	21.46	22.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.45	21.44	21.41	22.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.42	21.40	21.41	22.0

<FR1 n77/n78_Ant 4_WiFi off_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.35	21.45	21.34	22.0
40	PI/2 BPSK	1	53	21.11	21.21	21.19	
40	PI/2 BPSK	1	104	21.44	21.43	21.39	
40	PI/2 BPSK	50	0	21.16	21.33	21.22	22.0
40	PI/2 BPSK	50	28	21.17	21.20	21.18	22.0
40	PI/2 BPSK	50	56	21.28	21.28	21.26	22.0
40	PI/2 BPSK	100	0	21.25	21.34	21.18	
40	QPSK	1	1	21.25	21.31	21.41	22.0
40	QPSK	1	53	21.28	21.37	21.26	
40	QPSK	1	104	21.37	21.44	21.35	
40	QPSK	50	0	21.18	21.34	21.22	22.0
40	QPSK	50	28	21.23	21.27	21.22	
40	QPSK	50	56	21.27	21.35	21.25	
40	QPSK	100	0	21.30	21.29	21.26	22.0
40	16QAM	1	1	21.43	21.24	21.34	22.0
40	64QAM	1	1	21.21	21.27	21.30	22.0
40	256QAM	1	1	19.98	20.03	20.07	20.5
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	21.24	21.32	21.20	22.0
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	21.25	21.25	21.17	22.0
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	21.21	21.29	21.24	22.0
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	21.18	21.34	21.18	22.0
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	21.27	21.32	21.23	22.0
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.20	21.30	21.25	22.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.24	21.32	21.17	22.0
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	21.22	21.32	21.23	22.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.25	21.25	21.18	22.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.26	21.34	21.15	22.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.20	21.30	21.24	22.0





<FR1 n77/n78_Ant 3_WiFi off_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.31	21.41	21.30	22.0
40	PI/2 BPSK	1	53	21.01	21.21	21.14	
40	PI/2 BPSK	1	104	21.38	21.40	21.30	
40	PI/2 BPSK	50	0	21.16	21.27	21.18	22.0
40	PI/2 BPSK	50	28	21.13	21.11	21.08	22.0
40	PI/2 BPSK	50	56	21.22	21.24	21.17	22.0
40	PI/2 BPSK	100	0	21.19	21.34	21.09	
40	QPSK	1	1	21.19	21.28	21.32	22.0
40	QPSK	1	53	21.26	21.36	21.17	
40	QPSK	1	104	21.28	21.41	21.30	
40	QPSK	50	0	21.14	21.31	21.20	22.0
40	QPSK	50	28	21.23	21.20	21.15	
40	QPSK	50	56	21.21	21.26	21.23	
40	QPSK	100	0	21.28	21.20	21.26	22.0
40	16QAM	1	1	21.36	21.22	21.27	22.0
40	64QAM	1	1	21.19	21.20	21.29	22.0
40	256QAM	1	1	19.96	19.95	20.04	20.5
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	21.06	21.13	21.10	22.0
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	21.08	21.11	21.09	22.0
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	21.04	21.11	21.09	22.0
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	21.07	21.21	21.16	22.0
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	21.11	21.12	21.10	22.0
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	21.07	21.11	21.11	22.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	21.04	21.12	21.09	22.0
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	21.06	21.17	21.16	22.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	21.02	21.14	21.11	22.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	21.08	21.17	21.18	22.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	21.04	21.16	21.14	22.0

<FR1 n77/n78_Ant 8_WiFi on_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.40	19.00	18.64	19.5
40	PI/2 BPSK	1	53	18.42	18.25	18.64	
40	PI/2 BPSK	1	104	18.24	18.37	18.44	
40	PI/2 BPSK	50	0	18.12	18.66	18.35	19.5
40	PI/2 BPSK	50	28	18.07	18.17	18.40	19.5
40	PI/2 BPSK	50	56	18.33	18.46	18.48	19.5
40	PI/2 BPSK	100	0	18.25	18.32	18.30	
40	QPSK	1	1	18.27	17.97	18.30	19.5
40	QPSK	1	53	18.20	18.25	18.42	
40	QPSK	1	104	18.29	18.38	18.56	
40	QPSK	50	0	18.10	18.08	18.46	19.5
40	QPSK	50	28	17.91	18.04	18.27	
40	QPSK	50	56	18.14	18.20	18.58	
40	QPSK	100	0	18.11	18.10	18.31	19.5
40	16QAM	1	1	17.86	17.91	18.25	19.5
40	64QAM	1	1	18.14	18.15	18.22	19.5
40	256QAM	1	1	18.34	18.36	18.73	19.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	18.21	18.44	18.51	19.5
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	18.21	18.47	18.53	19.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	18.20	18.42	18.53	19.5
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	18.19	18.42	18.50	19.5
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	18.23	18.42	18.51	19.5

<FR1 n77/n78_Ant 9_WiFi on_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	18.03	18.12	17.79	19.5
40	PI/2 BPSK	1	53	18.00	17.97	18.07	
40	PI/2 BPSK	1	104	18.01	18.01	17.97	
40	PI/2 BPSK	50	0	17.89	18.01	17.99	19.5
40	PI/2 BPSK	50	28	17.91	17.97	17.87	19.5
40	PI/2 BPSK	50	56	17.94	17.92	17.86	19.5
40	PI/2 BPSK	100	0	17.85	17.97	17.96	
40	QPSK	1	1	17.96	18.05	17.99	19.5
40	QPSK	1	53	17.92	18.01	17.95	
40	QPSK	1	104	18.01	18.09	17.97	
40	QPSK	50	0	17.95	17.88	17.92	19.5
40	QPSK	50	28	17.95	17.87	17.92	
40	QPSK	50	56	17.84	17.92	17.76	
40	QPSK	100	0	17.81	17.91	17.75	19.5
40	16QAM	1	1	17.97	18.04	18.01	19.5
40	64QAM	1	1	18.00	18.02	17.97	19.5
40	256QAM	1	1	17.82	17.83	17.75	19.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.75	17.81	17.84	19.5
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	17.79	17.80	17.83	19.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.85	17.76	17.79	19.5
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	17.75	17.82	17.82	19.5
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.82	17.76	17.79	19.5



<FR1 n77/n78_Ant 4_WiFi on_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.38	20.53	20.39	21.0
40	PI/2 BPSK	1	53	20.08	20.17	20.27	
40	PI/2 BPSK	1	104	20.45	20.50	20.43	
40	PI/2 BPSK	50	0	20.09	20.43	20.29	21.0
40	PI/2 BPSK	50	28	20.21	20.26	20.16	21.0
40	PI/2 BPSK	50	56	20.29	20.34	20.21	21.0
40	PI/2 BPSK	100	0	20.27	20.30	20.22	
40	QPSK	1	1	20.27	20.34	20.45	21.0
40	QPSK	1	53	20.34	20.47	20.19	
40	QPSK	1	104	20.33	20.50	20.31	
40	QPSK	50	0	20.19	20.37	20.31	21.0
40	QPSK	50	28	20.33	20.21	20.26	
40	QPSK	50	56	20.18	20.32	20.17	
40	QPSK	100	0	20.36	20.32	20.25	21.0
40	16QAM	1	1	20.46	20.18	20.43	21.0
40	64QAM	1	1	20.20	20.31	20.28	21.0
40	256QAM	1	1	19.85	19.95	19.89	20.5
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	19.98	20.37	20.09	21.0
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	19.93	20.23	20.09	21.0
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	20.15	20.15	20.18	21.0
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	20.32	20.11	20.20	21.0
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	19.98	20.24	20.28	21.0
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	20.09	20.33	20.10	21.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	20.25	20.13	20.06	21.0
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	20.31	20.07	20.05	21.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.89	20.37	20.19	21.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	20.03	20.41	20.14	21.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	20.32	20.08	20.13	21.0





<FR1 n77/n78_Ant 3 WiFi on_DSI 1>							
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	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.43	19.48	19.40	20.0
40	PI/2 BPSK	1	53	19.18	19.36	19.21	
40	PI/2 BPSK	1	104	19.42	19.37	19.31	
40	PI/2 BPSK	50	0	19.28	19.45	19.27	20.0
40	PI/2 BPSK	50	28	19.24	19.16	19.11	20.0
40	PI/2 BPSK	50	56	19.26	19.39	19.32	20.0
40	PI/2 BPSK	100	0	19.23	19.37	19.14	
40	QPSK	1	1	19.23	19.29	19.47	20.0
40	QPSK	1	53	19.42	19.45	19.31	
40	QPSK	1	104	19.42	19.42	19.43	
40	QPSK	50	0	19.31	19.41	19.22	20.0
40	QPSK	50	28	19.33	19.38	19.32	
40	QPSK	50	56	19.40	19.38	19.41	
40	QPSK	100	0	19.31	19.20	19.26	20.0
40	16QAM	1	1	19.33	19.34	19.40	20.0
40	64QAM	1	1	19.31	19.30	19.33	20.0
40	256QAM	1	1	19.05	19.11	19.24	20.0
Channel				639668	641666	643666	Tune-up limit (dBm)
Frequency (MHz)				3595.02	3624.99	3654.99	
90	PI/2 BPSK	1	1	19.43	19.43	19.21	20.0
Channel				639334	641666	644000	Tune-up limit (dBm)
Frequency (MHz)				3590.01	3624.99	3660	
80	PI/2 BPSK	1	1	19.28	19.36	19.36	20.0
Channel				639000	641666	644332	Tune-up limit (dBm)
Frequency (MHz)				3585	3624.99	3664.98	
70	PI/2 BPSK	1	1	19.36	19.34	19.30	20.0
Channel				638668	641666	644666	Tune-up limit (dBm)
Frequency (MHz)				3580.02	3624.99	3669.99	
60	PI/2 BPSK	1	1	19.29	19.48	19.28	20.0
Channel				638334	641666	645000	Tune-up limit (dBm)
Frequency (MHz)				3575.01	3624.99	3675	
50	PI/2 BPSK	1	1	19.23	19.39	19.20	20.0
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	19.33	19.29	19.35	20.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	19.30	19.31	19.24	20.0
Channel				637500	641666	645832	Tune-up limit (dBm)
Frequency (MHz)				3562.5	3624.99	3687.48	
25	PI/2 BPSK	1	1	19.39	19.41	19.28	20.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	19.26	19.32	19.32	20.0
Channel				637168	641666	646166	Tune-up limit (dBm)
Frequency (MHz)				3557.52	3624.99	3692.49	
15	PI/2 BPSK	1	1	19.34	19.28	19.25	20.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	19.41	19.37	19.34	20.0

<FR1 n78_Ant 8_DSI 0>							
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		24.69		25.0
100	PI/2 BPSK	1	137		24.72		
100	PI/2 BPSK	1	271		24.61		
100	PI/2 BPSK	135	0		24.18		24.5
100	PI/2 BPSK	135	69		24.60		25.0
100	PI/2 BPSK	135	138		24.12		24.5
100	PI/2 BPSK	270	0		24.13		
100	QPSK	1	1		24.67		25.0
100	QPSK	1	137		24.68		
100	QPSK	1	271		24.62		
100	QPSK	135	0		23.65		25.0
100	QPSK	135	69		24.68		
100	QPSK	135	138		23.55		
100	QPSK	270	0		23.61		24.0
100	16QAM	1	1		23.89		24.0
100	64QAM	1	1		22.38		22.5
100	256QAM	1	1		20.28		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.55	24.59	24.54	25.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.57	24.61	24.60	25.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.52	24.57	24.55	25.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.55	24.61	24.51	25.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.57	24.58	24.51	25.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.51	24.58	24.55	25.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.56	24.59	24.56	25.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.52	24.53	24.60	25.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.60	24.59	24.60	25.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.54	24.54	24.58	25.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.59	24.61	24.53	25.0



<FR1 n78_Ant 9_DSI 0>							
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		24.26		25.0
100	PI/2 BPSK	1	137		24.38		
100	PI/2 BPSK	1	271		24.44		
100	PI/2 BPSK	135	0		23.82		24.5
100	PI/2 BPSK	135	69		24.36		25.0
100	PI/2 BPSK	135	138		23.81		24.5
100	PI/2 BPSK	270	0		23.88		
100	QPSK	1	1		24.16		25.0
100	QPSK	1	137		24.25		
100	QPSK	1	271		24.40		
100	QPSK	135	0		23.25		25.0
100	QPSK	135	69		24.32		
100	QPSK	135	138		23.33		
100	QPSK	270	0		23.31		24.0
100	16QAM	1	1		23.42		24.0
100	64QAM	1	1		21.98		22.5
100	256QAM	1	1		19.89		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.16	24.18	24.25	25.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.26	24.17	24.20	25.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.22	24.20	24.17	25.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.16	24.24	24.21	25.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.22	24.22	24.24	25.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.23	24.25	24.23	25.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.22	24.23	24.20	25.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.22	24.17	24.26	25.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.26	24.18	24.22	25.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.24	24.23	24.26	25.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.21	24.21	24.20	25.0



<FR1 n78_Ant 4_DSI 0>							
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		22.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.09		
100	PI/2 BPSK	1	137		21.21		22.0
100	PI/2 BPSK	1	271		21.02		
100	PI/2 BPSK	135	0		20.67		
100	PI/2 BPSK	135	69		21.12		22.0
100	PI/2 BPSK	135	138		20.65		22.0
100	PI/2 BPSK	270	0		20.66		
100	QPSK	1	1		21.12		
100	QPSK	1	137		21.08		22.0
100	QPSK	1	271		21.08		
100	QPSK	135	0		20.13		
100	QPSK	135	69		21.06		22.0
100	QPSK	135	138		20.16		
100	QPSK	270	0		20.06		
100	16QAM	1	1		20.32		22.0
100	64QAM	1	1		20.95		22.0
100	256QAM	1	1		19.89		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.00	20.94	21.02	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.99	20.98	20.95	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.98	20.92	21.00	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.96	20.94	21.02	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.01	20.98	20.97	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.96	20.97	20.92	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.98	20.99	21.02	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.93	21.02	21.01	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.98	21.01	20.97	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.02	21.00	20.95	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.98	21.00	20.97	

<FR1 n78_Ant 3_DSI 0>							
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		22.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.12		
100	PI/2 BPSK	1	137		21.39		22.0
100	PI/2 BPSK	1	271		21.34		
100	PI/2 BPSK	135	0		20.71		
100	PI/2 BPSK	135	69		21.32		22.0
100	PI/2 BPSK	135	138		20.74		22.0
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		21.27		
100	QPSK	1	137		21.30		22.0
100	QPSK	1	271		21.30		
100	QPSK	135	0		20.20		
100	QPSK	135	69		21.24		22.0
100	QPSK	135	138		20.21		
100	QPSK	270	0		20.21		
100	16QAM	1	1		20.43		22.0
100	64QAM	1	1		20.91		22.0
100	256QAM	1	1		19.86		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.08	21.09	21.04	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.11	21.03	21.11	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.02	21.12	21.04	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.06	21.07	21.07	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.05	21.03	21.10	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.07	21.02	21.02	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.02	21.03	21.04	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.06	21.11	21.05	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.07	21.08	21.07	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.02	21.12	21.10	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.04	21.09	21.10	



<FR1 n78_Ant 8_DSI 3>							
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		18.69		19.8
100	PI/2 BPSK	1	137		18.74		
100	PI/2 BPSK	1	271		18.95		
100	PI/2 BPSK	135	0		18.72		19.8
100	PI/2 BPSK	135	69		18.74		19.8
100	PI/2 BPSK	135	138		18.74		19.8
100	PI/2 BPSK	270	0		18.73		
100	QPSK	1	1		18.73		19.8
100	QPSK	1	137		18.82		
100	QPSK	1	271		18.68		
100	QPSK	135	0		18.94		19.8
100	QPSK	135	69		18.89		
100	QPSK	135	138		18.65		
100	QPSK	270	0		18.86		19.8
100	16QAM	1	1		18.44		19.8
100	64QAM	1	1		18.70		19.8
100	256QAM	1	1		18.73		19.8
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.78	18.84	18.92	19.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.89	18.83	18.82	19.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.89	18.93	18.92	19.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.76	18.81	18.90	19.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.90	18.79	18.84	19.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.81	18.82	18.85	19.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.84	18.76	18.94	19.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.84	18.91	18.86	19.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.87	18.76	18.87	19.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.84	18.82	18.92	19.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.81	18.94	18.90	19.8



<FR1 n78_Ant 9_DSI 3>							
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		19.13		20.0
100	PI/2 BPSK	1	137		18.96		
100	PI/2 BPSK	1	271		18.92		
100	PI/2 BPSK	135	0		18.86		20.0
100	PI/2 BPSK	135	69		19.04		20.0
100	PI/2 BPSK	135	138		18.83		20.0
100	PI/2 BPSK	270	0		18.82		
100	QPSK	1	1		18.76		20.0
100	QPSK	1	137		18.82		
100	QPSK	1	271		18.62		
100	QPSK	135	0		19.08		20.0
100	QPSK	135	69		18.94		
100	QPSK	135	138		18.99		
100	QPSK	270	0		18.82		20.0
100	16QAM	1	1		18.80		20.0
100	64QAM	1	1		18.55		20.0
100	256QAM	1	1		19.10		20.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.96	18.96	18.94	20.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.82	18.96	18.95	20.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.79	18.83	18.78	20.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.88	18.91	18.86	20.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.65	18.67	18.73	20.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.08	19.06	18.91	20.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.91	18.83	18.82	20.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	18.89	18.89	18.81	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.03	19.05	18.91	20.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.93	18.99	18.97	20.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.94	19.04	19.02	20.0



<FR1 n78_Ant 4_DSI 3>							
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		19.10		20.0
100	PI/2 BPSK	1	137		19.03		
100	PI/2 BPSK	1	271		19.27		
100	PI/2 BPSK	135	0		19.16		20.0
100	PI/2 BPSK	135	69		19.09		20.0
100	PI/2 BPSK	135	138		19.02		20.0
100	PI/2 BPSK	270	0		18.99		
100	QPSK	1	1		19.20		20.0
100	QPSK	1	137		19.16		
100	QPSK	1	271		19.26		
100	QPSK	135	0		19.09		20.0
100	QPSK	135	69		19.14		
100	QPSK	135	138		19.15		
100	QPSK	270	0		19.18		20.0
100	16QAM	1	1		19.15		20.0
100	64QAM	1	1		19.19		20.0
100	256QAM	1	1		19.00		20.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.97	19.19	19.16	20.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.01	19.11	19.10	20.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.96	19.15	19.13	20.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.95	19.09	18.99	20.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.97	19.21	19.00	20.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.15	19.22	19.00	20.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.13	19.05	19.03	20.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	19.10	19.08	19.08	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.00	19.04	19.12	20.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.99	19.19	19.11	20.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.98	19.05	19.06	20.0



<FR1 n78_Ant 3_DSI 3>							
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		21.12		22.0
100	PI/2 BPSK	1	137		21.39		
100	PI/2 BPSK	1	271		21.34		
100	PI/2 BPSK	135	0		20.71		22.0
100	PI/2 BPSK	135	69		21.32		22.0
100	PI/2 BPSK	135	138		20.74		22.0
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		21.27		22.0
100	QPSK	1	137		21.30		
100	QPSK	1	271		21.30		
100	QPSK	135	0		20.20		22.0
100	QPSK	135	69		21.24		
100	QPSK	135	138		20.21		
100	QPSK	270	0		20.21		22.0
100	16QAM	1	1		20.43		22.0
100	64QAM	1	1		20.91		22.0
100	256QAM	1	1		19.86		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.08	21.09	21.04	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.11	21.03	21.11	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.02	21.12	21.04	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.06	21.07	21.07	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.05	21.03	21.10	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.07	21.02	21.02	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.02	21.03	21.04	22.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.06	21.11	21.05	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.07	21.08	21.07	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.02	21.12	21.10	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.04	21.09	21.10	22.0



<FR1 n78_Ant 8_WiFi off_DSI 1>							
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		21.73		22.0
100	PI/2 BPSK	1	137		21.92		
100	PI/2 BPSK	1	271		21.91		
100	PI/2 BPSK	135	0		21.12		22.0
100	PI/2 BPSK	135	69		21.78		22.0
100	PI/2 BPSK	135	138		21.15		22.0
100	PI/2 BPSK	270	0		21.15		
100	QPSK	1	1		21.58		22.0
100	QPSK	1	137		21.73		
100	QPSK	1	271		21.86		
100	QPSK	135	0		20.83		22.0
100	QPSK	135	69		21.54		
100	QPSK	135	138		20.96		
100	QPSK	270	0		21.07		22.0
100	16QAM	1	1		20.93		22.0
100	64QAM	1	1		21.07		22.0
100	256QAM	1	1		19.56		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	20.99	20.83	21.01	22.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.89	20.77	20.87	22.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.97	20.90	20.96	22.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.97	20.91	20.92	22.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.02	20.93	21.06	22.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.99	20.80	21.07	22.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.90	20.76	21.08	22.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.04	20.87	20.92	22.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.99	20.90	20.92	22.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	20.89	20.77	20.99	22.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.90	20.76	20.97	22.0



<FR1 n78_Ant 9_WiFi off_DSI 0>							
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		24.26		24.4
100	PI/2 BPSK	1	137		24.38		
100	PI/2 BPSK	1	271		24.44		
100	PI/2 BPSK	135	0		23.82		24.4
100	PI/2 BPSK	135	69		24.36		24.4
100	PI/2 BPSK	135	138		23.81		24.4
100	PI/2 BPSK	270	0		23.88		
100	QPSK	1	1		24.16		24.4
100	QPSK	1	137		24.25		
100	QPSK	1	271		24.40		
100	QPSK	135	0		23.25		24.4
100	QPSK	135	69		24.32		
100	QPSK	135	138		23.33		
100	QPSK	270	0		23.31		24.0
100	16QAM	1	1		23.42		24.0
100	64QAM	1	1		21.98		22.5
100	256QAM	1	1		19.89		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.16	24.18	24.25	24.4
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.26	24.17	24.20	24.4
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.22	24.20	24.17	24.4
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.16	24.24	24.21	24.4
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.22	24.22	24.24	24.4
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.23	24.25	24.23	24.4
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.22	24.23	24.20	24.4
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.22	24.17	24.26	24.4
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.26	24.18	24.22	24.4
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	24.24	24.23	24.26	24.4
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.21	24.21	24.20	24.4

<FR1 n78_Ant 4_WiFi off_DSI 0>							
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		22.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.09		
100	PI/2 BPSK	1	137		21.21		22.0
100	PI/2 BPSK	1	271		21.02		
100	PI/2 BPSK	135	0		20.67		
100	PI/2 BPSK	135	69		21.12		22.0
100	PI/2 BPSK	135	138		20.65		22.0
100	PI/2 BPSK	270	0		20.66		
100	QPSK	1	1		21.12		
100	QPSK	1	137		21.08		22.0
100	QPSK	1	271		21.08		
100	QPSK	135	0		20.13		
100	QPSK	135	69		21.06		22.0
100	QPSK	135	138		20.16		
100	QPSK	270	0		20.06		
100	16QAM	1	1		20.32		22.0
100	64QAM	1	1		20.95		22.0
100	256QAM	1	1		19.89		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.00	20.94	21.02	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	20.99	20.98	20.95	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	20.98	20.92	21.00	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	20.96	20.94	21.02	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.01	20.98	20.97	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	20.96	20.97	20.92	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	20.98	20.99	21.02	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	20.93	21.02	21.01	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	20.98	21.01	20.97	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.02	21.00	20.95	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	20.98	21.00	20.97	

<FR1 n78_Ant 3_WiFi off_DSI 0>							
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		22.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		21.12		
100	PI/2 BPSK	1	137		21.39		22.0
100	PI/2 BPSK	1	271		21.34		
100	PI/2 BPSK	135	0		20.71		
100	PI/2 BPSK	135	69		21.32		22.0
100	PI/2 BPSK	135	138		20.74		22.0
100	PI/2 BPSK	270	0		20.70		
100	QPSK	1	1		21.27		
100	QPSK	1	137		21.30		22.0
100	QPSK	1	271		21.30		
100	QPSK	135	0		20.20		
100	QPSK	135	69		21.24		22.0
100	QPSK	135	138		20.21		
100	QPSK	270	0		20.21		
100	16QAM	1	1		20.43		22.0
100	64QAM	1	1		20.91		22.0
100	256QAM	1	1		19.86		20.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.08	21.09	21.04	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.11	21.03	21.11	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.02	21.12	21.04	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.06	21.07	21.07	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.05	21.03	21.10	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.07	21.02	21.02	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.02	21.03	21.04	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.06	21.11	21.05	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.07	21.08	21.07	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.02	21.12	21.10	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.04	21.09	21.10	



<FR1 n78_HPUE_Ant 8_DSI 0>							
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		26.66		27.0
100	PI/2 BPSK	1	137		26.73		
100	PI/2 BPSK	1	271		26.64		
100	PI/2 BPSK	135	0		26.16		26.5
100	PI/2 BPSK	135	69		26.72		27.0
100	PI/2 BPSK	135	138		26.08		26.5
100	PI/2 BPSK	270	0		26.11		
100	QPSK	1	1		26.46		27.0
100	QPSK	1	137		26.62		
100	QPSK	1	271		26.66		
100	QPSK	135	0		25.69		27.0
100	QPSK	135	69		26.67		
100	QPSK	135	138		25.63		
100	QPSK	270	0		25.71		26.0
100	16QAM	1	1		26.00		26.0
100	64QAM	1	1		24.44		24.5
100	256QAM	1	1		22.38		22.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.56	26.55	26.54	27.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.54	26.64	26.60	27.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.54	26.62	26.59	27.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.62	26.61	26.62	27.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.57	26.58	26.60	27.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.61	26.64	26.57	27.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	26.60	26.64	26.55	27.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	26.60	26.55	26.63	27.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.58	26.55	26.54	27.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.54	26.59	26.62	27.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.58	26.57	26.62	27.0

<FR1 n78_HPUE_Ant 9_DSI 0>							
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		0.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.15		
100	PI/2 BPSK	1	137		26.38		-0.5
100	PI/2 BPSK	1	271		26.39		
100	PI/2 BPSK	135	0		25.82		
100	PI/2 BPSK	135	69		26.34		0.0
100	PI/2 BPSK	135	138		25.85		-0.5
100	PI/2 BPSK	270	0		25.81		
100	QPSK	1	1		26.02		
100	QPSK	1	137		26.06		0.0
100	QPSK	1	271		26.24		
100	QPSK	135	0		25.26		
100	QPSK	135	69		26.30		0.0
100	QPSK	135	138		25.37		
100	QPSK	270	0		25.32		
100	16QAM	1	1		25.50		-1.0
100	64QAM	1	1		24.02		-2.5
100	256QAM	1	1		21.91		-4.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.15	26.05	26.09	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.10	26.13	26.15	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.07	26.09	26.10	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.14	26.06	26.14	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.07	26.07	26.15	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.07	26.09	26.15	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	26.11	26.05	26.13	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	26.15	26.15	26.11	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.06	26.08	26.15	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.06	26.05	26.08	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.14	26.06	26.09	



<FR1 n78_HPUE_Ant 8_DSI 3>							
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		21.88		22.8
100	PI/2 BPSK	1	137		21.93		
100	PI/2 BPSK	1	271		21.97		
100	PI/2 BPSK	135	0		21.80		22.8
100	PI/2 BPSK	135	69		21.89		22.8
100	PI/2 BPSK	135	138		21.75		22.8
100	PI/2 BPSK	270	0		21.77		
100	QPSK	1	1		21.80		22.8
100	QPSK	1	137		21.96		
100	QPSK	1	271		21.70		
100	QPSK	135	0		21.94		22.8
100	QPSK	135	69		21.91		
100	QPSK	135	138		21.85		
100	QPSK	270	0		21.90		22.8
100	16QAM	1	1		21.63		22.8
100	64QAM	1	1		21.73		22.8
100	256QAM	1	1		21.80		22.8
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	21.76	21.85	21.78	22.8
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.76	21.84	21.90	22.8
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.74	21.90	21.81	22.8
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	21.85	21.82	21.92	22.8
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.88	21.81	21.80	22.8
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.88	21.77	21.79	22.8
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.83	21.87	21.86	22.8
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.74	21.78	21.92	22.8
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	21.79	21.87	21.93	22.8
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.80	21.87	21.84	22.8
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.81	21.84	21.84	22.8



<FR1 n78_HPUE_Ant 9_DSI 3>							
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		22.20		23.0
100	PI/2 BPSK	1	137		22.12		
100	PI/2 BPSK	1	271		22.11		
100	PI/2 BPSK	135	0		21.96		23.0
100	PI/2 BPSK	135	69		22.09		23.0
100	PI/2 BPSK	135	138		21.91		23.0
100	PI/2 BPSK	270	0		21.99		
100	QPSK	1	1		21.93		23.0
100	QPSK	1	137		22.00		
100	QPSK	1	271		21.67		
100	QPSK	135	0		22.11		23.0
100	QPSK	135	69		22.09		
100	QPSK	135	138		22.14		
100	QPSK	270	0		21.97		23.0
100	16QAM	1	1		21.84		23.0
100	64QAM	1	1		21.71		23.0
100	256QAM	1	1		22.17		23.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	22.06	21.97	22.02	23.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	21.98	22.11	22.07	23.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	21.81	21.95	21.95	23.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	22.05	22.00	22.01	23.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	21.90	21.84	21.85	23.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	21.95	21.82	21.89	23.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	21.91	21.99	21.88	23.0
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	21.86	21.82	21.91	23.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	22.01	22.07	22.06	23.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	21.90	21.92	21.91	23.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	21.81	21.78	21.84	23.0



<FR1 n78_HPUE_Ant 8_WiFi off_DSI 1>							
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		25.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		24.86		
100	PI/2 BPSK	1	137		24.99		25.0
100	PI/2 BPSK	1	271		24.95		
100	PI/2 BPSK	135	0		24.01		
100	PI/2 BPSK	135	69		24.66		25.0
100	PI/2 BPSK	135	138		24.27		25.0
100	PI/2 BPSK	270	0		24.04		
100	QPSK	1	1		24.44		
100	QPSK	1	137		24.83		25.0
100	QPSK	1	271		24.94		
100	QPSK	135	0		23.80		
100	QPSK	135	69		24.71		25.0
100	QPSK	135	138		23.88		
100	QPSK	270	0		23.99		
100	16QAM	1	1		23.94		25.0
100	64QAM	1	1		23.90		24.5
100	256QAM	1	1		21.06		22.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	24.18	24.15	24.12	
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	24.09	24.13	24.25	
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	24.21	24.19	24.17	
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	24.11	24.17	24.08	
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	24.15	24.15	24.26	
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	24.21	24.22	24.23	
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	24.21	24.20	24.21	
Channel				647500	650000	652500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	24.17	24.16	24.09	
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	24.15	24.20	24.24	
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	23.97	23.82	24.05	
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	24.26	24.09	24.07	

<FR1 n78_HPUE_Ant 9_WiFi off_DSI 0>							
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		27.0
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		26.15		
100	PI/2 BPSK	1	137		26.38		26.5
100	PI/2 BPSK	1	271		26.39		
100	PI/2 BPSK	135	0		25.82		
100	PI/2 BPSK	135	69		26.34		26.5
100	PI/2 BPSK	135	138		25.85		
100	PI/2 BPSK	270	0		25.81		
100	QPSK	1	1		26.02		27.0
100	QPSK	1	137		26.06		
100	QPSK	1	271		26.24		
100	QPSK	135	0		25.26		27.0
100	QPSK	135	69		26.30		
100	QPSK	135	138		25.37		
100	QPSK	270	0		25.32		26.0
100	16QAM	1	1		25.50		26.0
100	64QAM	1	1		24.02		24.5
100	256QAM	1	1		21.91		22.5
Channel				649668	650000	650332	27.0
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	26.38	26.42	26.44	
Channel				649334	650000	650666	27.0
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	26.38	26.43	26.45	
Channel				649000	650000	651000	27.0
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	26.37	26.44	26.40	
Channel				648668	650000	651332	27.0
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	26.38	26.38	26.41	
Channel				648334	650000	651666	27.0
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	26.39	26.42	26.45	
Channel				648000	650000	652000	27.0
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	26.35	26.37	26.41	
Channel				647668	650000	652332	27.0
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	26.40	26.38	26.45	
Channel				647500	650000	652500	27.0
Frequency (MHz)				3712.5	3750.00	3787.50	
25	PI/2 BPSK	1	1	26.44	26.41	26.42	
Channel				647334	650000	652666	27.0
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	26.43	26.40	26.38	
Channel				647168	650000	652832	27.0
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	26.39	26.37	26.40	
Channel				647000	650000	653000	27.0
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	26.36	26.44	26.45	



<FR1 n78_Ant 8_DSI 0>							
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		25.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.38		
100	PI/2 BPSK	1	137		24.45		24.5
100	PI/2 BPSK	1	271		24.10		
100	PI/2 BPSK	135	0		23.92		
100	PI/2 BPSK	135	69		24.40		24.5
100	PI/2 BPSK	135	138		23.95		
100	PI/2 BPSK	270	0		23.96		
100	QPSK	1	1		24.44		25.0
100	QPSK	1	137		24.42		
100	QPSK	1	271		23.98		
100	QPSK	135	0		23.42		25.0
100	QPSK	135	69		24.42		
100	QPSK	135	138		23.42		
100	QPSK	270	0		23.48		24.0
100	16QAM	1	1		23.51		24.0
100	64QAM	1	1		21.95		22.5
100	256QAM	1	1		19.98		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	24.03	24.08	24.10	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	24.02	24.10	24.03	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	24.06	24.02	24.01	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	24.05	24.05	24.02	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	24.02	24.05	24.08	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	24.00	24.04	24.03	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	24.04	24.07	24.06	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	24.01	24.01	24.07	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	24.03	24.10	24.07	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	24.09	24.08	24.07	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	24.09	24.07	24.00	



<FR1 n78_Ant 9_DSI 0>							
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		25.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.46		
100	PI/2 BPSK	1	137		23.28		24.5
100	PI/2 BPSK	1	271		23.14		
100	PI/2 BPSK	135	0		22.97		
100	PI/2 BPSK	135	69		23.26		24.5
100	PI/2 BPSK	135	138		22.69		
100	PI/2 BPSK	270	0		22.86		
100	QPSK	1	1		23.45		25.0
100	QPSK	1	137		23.27		
100	QPSK	1	271		23.15		
100	QPSK	135	0		23.15		25.0
100	QPSK	135	69		23.21		
100	QPSK	135	138		23.02		
100	QPSK	270	0		22.41		24.0
100	16QAM	1	1		22.82		24.0
100	64QAM	1	1		21.53		22.5
100	256QAM	1	1		19.59		20.5
Channel				633000	633332	633666	25.0
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.08	23.08	23.08	
Channel				632668	633332	634000	25.0
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.10	23.11	23.10	
Channel				632334	633332	634332	25.0
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.08	23.14	23.12	
Channel				632000	633332	634666	25.0
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.14	23.13	23.04	
Channel				631668	633332	635000	25.0
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.07	23.08	23.07	
Channel				631334	633332	635332	25.0
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.13	23.14	23.05	
Channel				631000	633332	635666	25.0
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.09	23.11	23.11	
Channel				630834	633332	635832	25.0
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.09	23.13	23.10	
Channel				630668	633332	636000	25.0
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.08	23.11	23.13	
Channel				630500	633332	636166	25.0
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.04	23.12	23.06	
Channel				630334	633332	636332	25.0
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.08	23.08	23.06	



<FR1 n78_Ant 4_DSI 0>							
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		20.97		22.0
100	PI/2 BPSK	1	137		21.10		
100	PI/2 BPSK	1	271		20.90		
100	PI/2 BPSK	135	0		20.43		22.0
100	PI/2 BPSK	135	69		20.99		22.0
100	PI/2 BPSK	135	138		20.50		22.0
100	PI/2 BPSK	270	0		20.53		
100	QPSK	1	1		21.01		22.0
100	QPSK	1	137		20.96		
100	QPSK	1	271		20.78		
100	QPSK	135	0		20.06		22.0
100	QPSK	135	69		20.98		
100	QPSK	135	138		20.00		
100	QPSK	270	0		20.05		22.0
100	16QAM	1	1		20.13		22.0
100	64QAM	1	1		20.64		22.0
100	256QAM	1	1		19.60		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.88	20.80	20.88	22.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.82	20.86	20.89	22.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.88	20.83	20.83	22.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.80	20.90	20.82	22.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.82	20.86	20.86	22.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.90	20.89	20.81	22.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.83	20.87	20.80	22.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.84	20.86	20.88	22.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.81	20.85	20.86	22.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.85	20.85	20.81	22.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.80	20.90	20.90	22.0



FCC SAR TEST REPORT

Report No. : FA3N2802B

<FR1 n78_Ant 3_DSI 0>							
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		22.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.88		
100	PI/2 BPSK	1	137		20.82		22.0
100	PI/2 BPSK	1	271		20.34		
100	PI/2 BPSK	135	0		20.42		
100	PI/2 BPSK	135	69		20.61		22.0
100	PI/2 BPSK	135	138		20.07		22.0
100	PI/2 BPSK	270	0		20.23		
100	QPSK	1	1		20.70		
100	QPSK	1	137		20.68		22.0
100	QPSK	1	271		20.14		
100	QPSK	135	0		20.13		
100	QPSK	135	69		20.46		22.0
100	QPSK	135	138		20.20		
100	QPSK	270	0		20.02		
100	16QAM	1	1		20.85		22.0
100	64QAM	1	1		20.55		22.0
100	256QAM	1	1		19.50		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.30	20.26	20.27	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.26	20.30	20.24	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.27	20.25	20.31	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.24	20.25	20.32	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.34	20.26	20.27	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.29	20.27	20.30	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.27	20.30	20.26	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.31	20.31	20.24	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.34	20.24	20.24	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.29	20.33	20.31	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.31	20.26	20.32	



<FR1 n78_Ant 8_DSI 3>							
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		19.05		19.8
100	PI/2 BPSK	1	137		19.01		
100	PI/2 BPSK	1	271		18.92		
100	PI/2 BPSK	135	0		19.03		19.8
100	PI/2 BPSK	135	69		18.94		19.8
100	PI/2 BPSK	135	138		19.00		19.8
100	PI/2 BPSK	270	0		18.85		
100	QPSK	1	1		18.74		19.8
100	QPSK	1	137		19.00		
100	QPSK	1	271		18.91		
100	QPSK	135	0		18.95		19.8
100	QPSK	135	69		18.70		
100	QPSK	135	138		19.00		
100	QPSK	270	0		18.83		19.8
100	16QAM	1	1		18.66		19.8
100	64QAM	1	1		18.57		19.8
100	256QAM	1	1		18.90		19.8
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.95	18.87	18.84	19.8
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.89	18.98	18.95	19.8
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.87	18.98	18.97	19.8
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.91	18.89	18.78	19.8
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.94	18.87	18.79	19.8
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.86	18.97	18.98	19.8
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.78	19.00	18.81	19.8
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.92	19.03	18.91	19.8
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.78	18.96	18.81	19.8
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.78	19.00	18.96	19.8
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.76	19.01	18.98	19.8



<FR1 n78_Ant 9_DSI 3>							
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		18.92		20.0
100	PI/2 BPSK	1	137		18.90		
100	PI/2 BPSK	1	271		18.79		
100	PI/2 BPSK	135	0		18.68		20.0
100	PI/2 BPSK	135	69		18.79		20.0
100	PI/2 BPSK	135	138		18.77		20.0
100	PI/2 BPSK	270	0		18.68		
100	QPSK	1	1		18.56		20.0
100	QPSK	1	137		18.68		
100	QPSK	1	271		18.58		
100	QPSK	135	0		18.65		20.0
100	QPSK	135	69		18.86		
100	QPSK	135	138		18.90		
100	QPSK	270	0		18.79		20.0
100	16QAM	1	1		18.70		20.0
100	64QAM	1	1		18.41		20.0
100	256QAM	1	1		18.84		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.60	18.74	18.71	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.51	18.51	18.55	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.50	18.44	18.55	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.75	18.80	18.78	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.65	18.67	18.70	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.42	18.53	18.41	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.61	18.66	18.58	20.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	18.54	18.58	18.58	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.70	18.66	18.62	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.48	18.61	18.51	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.42	18.53	18.46	20.0



<FR1 n78_Ant 4_DSI 3>							
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		19.27		20.0
100	PI/2 BPSK	1	137		18.93		
100	PI/2 BPSK	1	271		19.35		
100	PI/2 BPSK	135	0		18.99		20.0
100	PI/2 BPSK	135	69		18.92		20.0
100	PI/2 BPSK	135	138		19.11		20.0
100	PI/2 BPSK	270	0		19.00		
100	QPSK	1	1		19.05		20.0
100	QPSK	1	137		19.24		
100	QPSK	1	271		19.16		
100	QPSK	135	0		19.03		20.0
100	QPSK	135	69		19.14		
100	QPSK	135	138		19.20		
100	QPSK	270	0		19.11		20.0
100	16QAM	1	1		19.30		20.0
100	64QAM	1	1		19.19		20.0
100	256QAM	1	1		19.14		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.00	19.20	18.96	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.12	19.14	18.99	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.05	19.22	19.00	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.07	19.22	18.94	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.15	19.25	19.10	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.20	19.16	18.95	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.16	19.29	18.90	20.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	19.11	19.14	19.03	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.20	19.31	18.90	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.10	19.29	18.97	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.19	19.29	18.94	20.0



<FR1 n78_Ant 3_DSI 3>							
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		22.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.88		
100	PI/2 BPSK	1	137		20.82		22.0
100	PI/2 BPSK	1	271		20.34		
100	PI/2 BPSK	135	0		20.42		
100	PI/2 BPSK	135	69		20.61		22.0
100	PI/2 BPSK	135	138		20.07		22.0
100	PI/2 BPSK	270	0		20.23		
100	QPSK	1	1		20.70		
100	QPSK	1	137		20.68		22.0
100	QPSK	1	271		20.14		
100	QPSK	135	0		20.13		
100	QPSK	135	69		20.46		22.0
100	QPSK	135	138		20.20		
100	QPSK	270	0		20.02		
100	16QAM	1	1		20.85		22.0
100	64QAM	1	1		20.55		22.0
100	256QAM	1	1		19.50		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.30	20.26	20.27	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.26	20.30	20.24	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.27	20.25	20.31	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.24	20.25	20.32	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.34	20.26	20.27	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.29	20.27	20.30	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.27	20.30	20.26	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.31	20.31	20.24	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.34	20.24	20.24	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.29	20.33	20.31	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.31	20.26	20.32	



<FR1 n78_Ant 8_WiFi off_DSI 1>							
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		22.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.50		
100	PI/2 BPSK	1	137		21.40		22.0
100	PI/2 BPSK	1	271		21.37		
100	PI/2 BPSK	135	0		21.26		
100	PI/2 BPSK	135	69		21.32		22.0
100	PI/2 BPSK	135	138		21.12		22.0
100	PI/2 BPSK	270	0		21.31		
100	QPSK	1	1		21.26		
100	QPSK	1	137		21.32		22.0
100	QPSK	1	271		21.10		
100	QPSK	135	0		21.17		
100	QPSK	135	69		21.47		22.0
100	QPSK	135	138		21.22		
100	QPSK	270	0		20.76		
100	16QAM	1	1		20.87		22.0
100	64QAM	1	1		21.37		22.0
100	256QAM	1	1		20.18		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.68	20.78	20.61	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.69	20.79	20.61	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.63	20.64	20.60	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.68	20.76	20.72	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.68	20.69	20.64	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.70	20.60	20.74	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.69	20.56	20.62	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.67	20.75	20.61	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.75	20.79	20.62	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.68	20.68	20.59	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.51	20.74	20.61	



<FR1 n78_Ant 9_WiFi off_DSI 0>							
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		24.4
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		23.46		
100	PI/2 BPSK	1	137		23.28		24.4
100	PI/2 BPSK	1	271		23.14		
100	PI/2 BPSK	135	0		22.97		
100	PI/2 BPSK	135	69		23.26		24.4
100	PI/2 BPSK	135	138		22.69		24.4
100	PI/2 BPSK	270	0		22.86		
100	QPSK	1	1		23.45		
100	QPSK	1	137		23.27		24.4
100	QPSK	1	271		23.15		
100	QPSK	135	0		23.15		
100	QPSK	135	69		23.21		24.4
100	QPSK	135	138		23.02		
100	QPSK	270	0		22.41		
100	16QAM	1	1		22.82		24.0
100	64QAM	1	1		21.53		22.5
100	256QAM	1	1		19.59		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.08	23.08	23.08	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.10	23.11	23.10	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.08	23.14	23.12	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.14	23.13	23.04	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.07	23.08	23.07	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.13	23.14	23.05	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.09	23.11	23.11	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.09	23.13	23.10	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.08	23.11	23.13	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.04	23.12	23.06	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.08	23.08	23.06	



<FR1 n78_Ant 4_WiFi off_DSI 0>							
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		22.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.97		
100	PI/2 BPSK	1	137		21.10		22.0
100	PI/2 BPSK	1	271		20.90		
100	PI/2 BPSK	135	0		20.43		
100	PI/2 BPSK	135	69		20.99		22.0
100	PI/2 BPSK	135	138		20.50		
100	PI/2 BPSK	270	0		20.53		
100	QPSK	1	1		21.01		22.0
100	QPSK	1	137		20.96		
100	QPSK	1	271		20.78		
100	QPSK	135	0		20.06		22.0
100	QPSK	135	69		20.98		
100	QPSK	135	138		20.00		
100	QPSK	270	0		20.05		22.0
100	16QAM	1	1		20.13		22.0
100	64QAM	1	1		20.64		22.0
100	256QAM	1	1		19.60		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.88	20.80	20.88	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.82	20.86	20.89	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.88	20.83	20.83	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.80	20.90	20.82	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.82	20.86	20.86	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.90	20.89	20.81	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.83	20.87	20.80	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.84	20.86	20.88	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.81	20.85	20.86	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.85	20.85	20.81	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.80	20.90	20.90	



<FR1 n78_Ant 3_WiFi off_DSI 0>							
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		22.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		20.88		
100	PI/2 BPSK	1	137		20.82		22.0
100	PI/2 BPSK	1	271		20.34		
100	PI/2 BPSK	135	0		20.42		
100	PI/2 BPSK	135	69		20.61		22.0
100	PI/2 BPSK	135	138		20.07		22.0
100	PI/2 BPSK	270	0		20.23		
100	QPSK	1	1		20.70		
100	QPSK	1	137		20.68		22.0
100	QPSK	1	271		20.14		
100	QPSK	135	0		20.13		
100	QPSK	135	69		20.46		22.0
100	QPSK	135	138		20.20		
100	QPSK	270	0		20.02		
100	16QAM	1	1		20.85		22.0
100	64QAM	1	1		20.55		22.0
100	256QAM	1	1		19.50		20.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	20.30	20.26	20.27	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	20.26	20.30	20.24	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	20.27	20.25	20.31	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	20.24	20.25	20.32	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	20.34	20.26	20.27	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	20.29	20.27	20.30	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	20.27	20.30	20.26	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	20.31	20.31	20.24	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	20.34	20.24	20.24	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	20.29	20.33	20.31	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	20.31	20.26	20.32	



<FR1 n78_HPUE_Ant 8_DSI 0>							
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		26.00		27.0
100	PI/2 BPSK	1	137		25.68		
100	PI/2 BPSK	1	271		25.05		
100	PI/2 BPSK	135	0		25.42		26.5
100	PI/2 BPSK	135	69		25.59		27.0
100	PI/2 BPSK	135	138		24.82		26.5
100	PI/2 BPSK	270	0		25.14		
100	QPSK	1	1		25.99		27.0
100	QPSK	1	137		25.70		
100	QPSK	1	271		25.05		
100	QPSK	135	0		25.42		27.0
100	QPSK	135	69		25.58		
100	QPSK	135	138		25.03		
100	QPSK	270	0		24.74		26.0
100	16QAM	1	1		24.54		26.0
100	64QAM	1	1		23.33		24.5
100	256QAM	1	1		21.95		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.61	25.60	25.64	27.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.59	25.58	25.67	27.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.66	25.62	25.65	27.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.67	25.61	25.66	27.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.65	25.66	25.66	27.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.59	25.60	25.64	27.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.58	25.64	25.67	27.0
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.67	25.66	25.60	27.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.67	25.64	25.67	27.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.65	25.61	25.63	27.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.60	25.65	25.58	27.0



<FR1 n78_HPUE_Ant 9_DSI 0>							
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		27.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.92		
100	PI/2 BPSK	1	137		26.22		26.5
100	PI/2 BPSK	1	271		26.19		
100	PI/2 BPSK	135	0		25.55		
100	PI/2 BPSK	135	69		26.18		26.5
100	PI/2 BPSK	135	138		25.56		
100	PI/2 BPSK	270	0		25.61		
100	QPSK	1	1		25.94		27.0
100	QPSK	1	137		26.07		
100	QPSK	1	271		25.92		
100	QPSK	135	0		25.05		27.0
100	QPSK	135	69		26.08		
100	QPSK	135	138		25.10		
100	QPSK	270	0		25.13		26.0
100	16QAM	1	1		25.27		26.0
100	64QAM	1	1		23.76		24.5
100	256QAM	1	1		21.52		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.09	26.09	26.13	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.15	26.09	26.19	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.16	26.12	26.18	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.15	26.12	26.15	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.10	26.18	26.12	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.17	26.12	26.12	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.13	26.09	26.18	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.09	26.15	26.18	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.16	26.10	26.14	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.09	26.16	26.14	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.17	26.18	26.15	



<FR1 n78_HPUE_Ant 8_DSI 3>							
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		22.8
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		22.06		
100	PI/2 BPSK	1	137		22.03		22.8
100	PI/2 BPSK	1	271		22.00		
100	PI/2 BPSK	135	0		21.86		
100	PI/2 BPSK	135	69		21.82		22.8
100	PI/2 BPSK	135	138		22.01		
100	PI/2 BPSK	270	0		21.83		
100	QPSK	1	1		21.74		22.8
100	QPSK	1	137		21.98		
100	QPSK	1	271		21.89		
100	QPSK	135	0		21.82		22.8
100	QPSK	135	69		21.69		
100	QPSK	135	138		21.90		
100	QPSK	270	0		21.77		22.8
100	16QAM	1	1		21.60		22.8
100	64QAM	1	1		21.67		22.8
100	256QAM	1	1		22.01		22.8
Channel				633000	633332	633666	22.8
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.76	21.89	22.02	
Channel				632668	633332	634000	22.8
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.95	22.04	22.03	
Channel				632334	633332	634332	22.8
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.82	21.96	22.00	
Channel				632000	633332	634666	22.8
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.78	21.99	22.05	
Channel				631668	633332	635000	22.8
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.85	21.94	22.00	
Channel				631334	633332	635332	22.8
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.95	21.90	21.90	
Channel				631000	633332	635666	22.8
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.82	21.91	22.01	
Channel				630834	633332	635832	22.8
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.83	21.90	22.00	
Channel				630668	633332	636000	22.8
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.94	21.90	21.99	
Channel				630500	633332	636166	22.8
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.76	21.94	21.90	
Channel				630334	633332	636332	22.8
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.92	22.01	21.95	



<FR1 n78_HPUE_Ant 9_DSI 3>							
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		23.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		21.93		
100	PI/2 BPSK	1	137		21.80		23.0
100	PI/2 BPSK	1	271		21.66		
100	PI/2 BPSK	135	0		21.55		
100	PI/2 BPSK	135	69		21.80		23.0
100	PI/2 BPSK	135	138		21.70		
100	PI/2 BPSK	270	0		21.56		
100	QPSK	1	1		21.49		23.0
100	QPSK	1	137		21.50		
100	QPSK	1	271		21.48		
100	QPSK	135	0		21.77		23.0
100	QPSK	135	69		21.71		
100	QPSK	135	138		21.82		
100	QPSK	270	0		21.65		23.0
100	16QAM	1	1		21.61		23.0
100	64QAM	1	1		21.87		23.0
100	256QAM	1	1		21.92		23.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	21.78	21.70	21.60	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	21.60	21.61	21.60	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	21.49	21.41	21.55	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	21.62	21.69	21.64	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	21.53	21.59	21.53	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	21.48	21.42	21.42	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	21.45	21.32	21.31	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	21.33	21.38	21.49	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	21.36	21.30	21.40	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	21.66	21.75	21.66	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	21.82	21.82	21.77	

<FR1 n78_HPUE_Ant 8_WiFi off_DSI 1>							
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		25.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		24.62		
100	PI/2 BPSK	1	137		24.37		25.0
100	PI/2 BPSK	1	271		24.32		
100	PI/2 BPSK	135	0		24.32		
100	PI/2 BPSK	135	69		24.47		25.0
100	PI/2 BPSK	135	138		24.13		25.0
100	PI/2 BPSK	270	0		24.27		
100	QPSK	1	1		24.13		
100	QPSK	1	137		24.23		25.0
100	QPSK	1	271		24.16		
100	QPSK	135	0		24.13		
100	QPSK	135	69		24.45		25.0
100	QPSK	135	138		24.12		
100	QPSK	270	0		23.88		
100	16QAM	1	1		23.76		25.0
100	64QAM	1	1		24.23		24.5
100	256QAM	1	1		21.17		22.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.53	23.69	23.43	
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.67	23.66	23.48	
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.54	23.51	23.58	
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.53	23.62	23.52	
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.61	23.60	23.52	
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.66	23.72	23.52	
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.48	23.53	23.52	
Channel				630834	633332	635832	Tune-up limit (dBm)
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.67	23.58	23.57	
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.58	23.68	23.51	
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.56	23.79	23.42	
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.47	23.61	23.59	

<FR1 n78_HPUE_Ant 9_WiFi off_DSI 0>							
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		27.0
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		25.92		
100	PI/2 BPSK	1	137		26.22		26.5
100	PI/2 BPSK	1	271		26.19		
100	PI/2 BPSK	135	0		25.55		
100	PI/2 BPSK	135	69		26.18		26.5
100	PI/2 BPSK	135	138		25.56		
100	PI/2 BPSK	270	0		25.61		
100	QPSK	1	1		25.94		27.0
100	QPSK	1	137		26.07		
100	QPSK	1	271		25.92		
100	QPSK	135	0		25.05		27.0
100	QPSK	135	69		26.08		
100	QPSK	135	138		25.10		
100	QPSK	270	0		25.13		26.0
100	16QAM	1	1		25.27		
100	64QAM	1	1		23.76		
100	256QAM	1	1		21.52		22.5
Channel				633000	633332	633666	27.0
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.31	26.24	26.22	
Channel				632668	633332	634000	27.0
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.25	26.20	26.25	
Channel				632334	633332	634332	27.0
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.24	26.22	26.24	
Channel				632000	633332	634666	27.0
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.32	26.20	26.24	
Channel				631668	633332	635000	27.0
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.22	26.15	26.15	
Channel				631334	633332	635332	27.0
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.32	26.24	26.25	
Channel				631000	633332	635666	27.0
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.27	26.17	26.18	
Channel				630834	633332	635832	27.0
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.26	26.22	26.22	
Channel				630668	633332	636000	27.0
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.32	26.21	26.17	
Channel				630500	633332	636166	27.0
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.30	26.17	26.21	
Channel				630334	633332	636332	27.0
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.27	26.22	26.18	



4. WiFi/Bluetooth Output Power (Unit: dBm)

General Note:

1. For each antenna, transmit power in SISO operation is equal to the power in MIMO operation, therefore, for RF exposure evaluation was performed by MIMO operation.
2. The maximum output power specified for production units are determined for all applicable 802.11 transmission modes in each standalone and aggregated frequency band. Maximum output power is measured for the highest maximum output power configuration(s) in each frequency band according to the default power measurement procedures. For "Not required", SAR Test reduction was applied from KDB 248227 guidance, Sec. 2.1, b), 1) when the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel in the initial test configuration, additional output power measurements were not necessary.
3. Per KDB 248227 D01v02r02, SAR test reduction is determined according to 802.11 transmission mode configurations and certain exposure conditions with multiple test positions. In the 2.4 GHz band, separate SAR procedures are applied to DSSS and OFDM configurations to simplify DSSS test requirements. For OFDM, in both 2.4 and 5 GHz bands, an initial test configuration must be determined for each standalone and aggregated frequency band, according to the transmission mode configuration with the highest maximum output power specified for production units to perform SAR measurements. If the same highest maximum output power applies to different combinations of channel bandwidths, modulations and data rates, additional procedures are applied to determine which test configurations require SAR measurement. When applicable, an initial test position may be applied to reduce the number of SAR measurements required for next to the ear, UMPC mini-tablet or hotspot mode configurations with multiple test positions.
4. For 2.4 GHz 802.11b DSSS, either the initial test position procedure for multiple exposure test positions or the DSSS procedure for fixed exposure position is applied; these are mutually exclusive. For 2.4 GHz and 5 GHz OFDM configurations, the initial test configuration is applied to measure SAR using either the initial test position procedure for multiple exposure test position configurations or the initial test configuration procedures for fixed exposure test conditions. Based on the reported SAR of the measured configurations and maximum output power of the transmission mode configurations that are not included in the initial test configuration, the subsequent test configuration and initial test position procedures are applied to determine if SAR measurements are required for the remaining OFDM transmission configurations. In general, the number of test channels that require SAR measurement is minimized based on maximum output power measured for the test sample(s).
5. For OFDM transmission configurations in the 2.4 GHz and 5 GHz bands, When the same maximum power is specified for multiple transmission modes in a frequency band, the largest channel bandwidth, lowest order modulation, lowest data rate and lowest order 802.11a/g/n/ac mode is used for SAR measurement, on the highest measured output power channel for each frequency band.
6. DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures. 18 The initial test position procedure is described in the following:
 - a. When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band.
 - b. When the reported SAR of the test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position to measure the subsequent next closet/smallest test separation distance and maximum coupling test position on the highest maximum output power channel, until the report SAR is ≤ 0.8 W/kg or all required test position are tested.
 - c. For all positions/configurations, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested.
7. Per 201904 TCBC workshops, General principles of FCC KDB Publication 248227 D01 can be applied to determine the SAR Initial Test Configurations and test reduction for 802.11ax SAR testing. For the table below the 802.11ax maximum power is SU (non-OFDMA), and the SU maximum power also higher than RU (OFDMA)
8. In applying the test guidance, the IEEE 802.11 mode with the maximum output power (out of all modes) should be considered for testing
9. For modes with the same maximum output power, the guidance from section 5.3.2 a) of FCC KDB Publication 248227 D01 should be applied, with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency bands
10. When SAR testing for 802.11ax is required
 - a. If the maximum output power is highest for OFDMA scenarios, choose the tone size with the maximum number of tones and the highest maximum output power
 - b. Otherwise, consider the fully allocated channel for SAR testing
 - c. When SAR testing is required on RU sizes less than the fully allocated channel, use the RU number closest to the middle of the channel, choosing the higher RU number when two RUs are equidistant to the middle of the channel

<WWAN off / non DBS>

<2.4GHz WLAN>																
				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	20.10	21.50	85.71	20.70	21.50	85.71	21.00	21.50	21.00	21.50	24.01	24.50	85.71
		6	2437	20.30	21.50		21.00	21.50		20.80	21.50	21.50	21.50	24.17	24.50	
		11	2462	20.00	20.00		20.00	20.00		19.10	20.00	19.90	20.00	22.53	23.00	
	802.11g 6Mbps	1	2412	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
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		18.50			18.50			18.50		18.50		21.50	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.50			17.50			17.50		17.50		20.50	
	802.11ax-HE40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	

<5.2GHz WLAN>																
				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	18.00	Not Required	Not Required	18.00	Not Required	17.80	18.00	16.80	18.00	20.34	21.00	85.66
		40	5200							19.00	19.00	18.50	18.50	21.77	21.80	
		44	5220							18.90	19.00	18.50	18.50	21.71	21.80	
		48	5240							18.60	19.00	17.50	18.50	21.10	21.80	
	802.11n-HT20 MCS0	36	5180							Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
		40	5200								19.00		18.50		21.80	
		44	5220								19.00		18.50		21.80	
		48	5240								19.00		18.50		21.80	
	802.11n-HT40 MCS0	38	5190							15.80	16.00	15.20	16.00	18.52	19.00	85.51
		46	5230							18.90	19.00	17.60	18.50	21.31	21.80	
	802.11ac-VHT20 MCS0	36	5180							Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
		40	5200								19.00		18.50		21.80	
		44	5220								19.00		18.50		21.80	
		48	5240								19.00		18.50		21.80	
	802.11ac-VHT40 MCS0	38	5190								16.00		16.00		19.00	
		46	5230								19.00		18.50		21.80	
	802.11ac-VHT80 MCS0	42	5210							Not Required	17.00	Not Required	17.00	Not Required	20.00	Not Required
	802.11ax-HE20 MCS0	36	5180								18.00		18.00		21.00	
		40	5200								18.50		18.50		21.80	
		44	5220								18.50		18.50		21.80	
		48	5240								18.50		18.50		21.80	
	802.11ax-HE40 MCS0	38	5190								16.00		16.00		19.00	
		46	5230								18.50		18.50		21.80	
	802.11ax-HE80 MCS0	42	5210								17.00		17.00		20.00	

<5.3GHz WLAN>																
				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	19.00	Not Required	Not Required	19.00	Not Required	18.80	19.00	17.90	19.00	21.38	22.00	85.66
		56	5280							18.70	19.00	17.90	19.00	21.33	22.00	
		60	5300							18.80	19.00	18.20	19.00	21.52	22.00	
		64	5320							17.90	18.00	17.20	18.00	20.57	21.00	
	802.11n-HT20 MCS0	52	5260							Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
		56	5280								19.00		19.00		22.00	
		60	5300								19.00		19.00		22.00	
		64	5320								17.50		17.50		20.50	
	802.11n-HT40 MCS0	54	5270								18.00		18.00		21.00	
		62	5310								16.50		16.50		19.50	
	802.11ac-VHT20 MCS0	52	5260								19.00		19.00		22.00	
		56	5280								19.00		19.00		22.00	
		60	5300								19.00		19.00		22.00	
		64	5320								17.50		17.50		20.50	
	802.11ac-VHT40 MCS0	54	5270								18.00		18.00		21.00	
		62	5310								16.50		16.50		19.50	
	802.11ac-VHT80 MCS0	58	5290								15.00		15.00		18.00	
	802.11ac-VHT160 MCS0	50	5250								13.00		13.00		16.00	
	802.11ax-HE20 MCS0	52	5260								19.00		19.00		22.00	
		56	5280								19.00		19.00		22.00	
		60	5300								19.00		19.00		22.00	
		64	5320								17.50		17.50		20.50	
	802.11ax-HE40 MCS0	54	5270								18.00		18.00		21.00	
		62	5310								16.50		16.50		19.50	
	802.11ax-HE80 MCS0	58	5290								15.00		15.00		18.00	
	802.11ax-HE160 MCS0	50	5250								13.00		13.00		16.00	

<5.5GHz 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 %
5.5GHz WLAN	802.11a 6Mbps	100	5500	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
		116	5580		19.00			19.00			19.00		19.00		22.00	
		124	5620		19.00			19.00			19.00		19.00		22.00	
		132	5660		19.00			19.00			19.00		19.00		22.00	
		140	5700		18.00			18.00			18.00		18.00		21.00	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11n-HT20 MCS0	100	5500		19.00			19.00		Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
		116	5580		19.00			19.00			19.00		19.00		22.00	
		124	5620		19.00			19.00			19.00		19.00		22.00	
		132	5660		19.00			19.00			19.00		19.00		22.00	
		140	5700		17.50			17.50			17.50		17.50		20.50	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11n-HT40 MCS0	102	5510		17.50			17.50		Not Required	17.20	Not Required	17.50	Not Required	20.50	85.51
		110	5550		19.00			19.00			18.60		19.00		21.18	
		126	5630		19.00			19.00			18.90		19.00		21.86	
		134	5670		17.50			17.50			17.80		17.50		20.81	
		142	5710		19.00			19.00			18.60		19.00		21.76	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT20 MCS0	100	5500		19.00			19.00		Not Required	19.00	Not Required	19.00	Not Required	22.00	Not Required
		116	5580		19.00			19.00			19.00		19.00		22.00	
		124	5620		19.00			19.00			19.00		19.00		22.00	
		132	5660		19.00			19.00			19.00		19.00		22.00	
		140	5700		17.50			17.50			17.50		17.50		20.50	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT40 MCS0	102	5510		17.50			17.50		Not Required	17.50	Not Required	17.50	Not Required	20.50	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		17.50			17.50			17.50		17.50		20.50	
		142	5710		19.00			19.00			19.00		19.00		22.00	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11ac-VHT80 MCS0	106	5530		16.50			16.50		Not Required	16.20	Not Required	16.50	Not Required	19.50	85.71
		122	5610		17.50			17.50			17.40		17.50		20.31	
		138	5690		19.00			19.00			18.60		19.00		21.66	
	802.11ac-VHT160 MCS0	114	5570		13.50			13.50		Not Required	13.50	Not Required	13.50	Not Required	16.50	Not Required
	802.11ax-HE20 MCS0	100	5500		19.00			19.00			19.00		19.00		22.00	
		116	5580		19.00			19.00			19.00		19.00		22.00	
		124	5620		19.00			19.00			19.00		19.00		22.00	
		132	5660		19.00			19.00			19.00		19.00		22.00	
		140	5700		17.50			17.50			17.50		17.50		20.50	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE40 MCS0	102	5510		17.50			17.50			17.50		17.50		20.50	
		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		17.50			17.50			17.50		17.50		20.50	
		142	5710		19.00			19.00			19.00		19.00		22.00	
		144	5720		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE80 MCS0	106	5530		16.50			16.50			16.50	Not Required	16.50	Not Required	19.50	Not Required
		122	5610		17.50			17.50			17.50		17.50		20.50	
		138	5690		19.00			19.00			19.00		19.00		22.00	
	802.11ax-HE160 MCS0	114	5570		14.00			14.00			14.00		14.00		17.00	

<5.8GHz 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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	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
		157	5785		18.50			18.50			18.50		18.50		21.50	
		165	5825		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT20 MCS0	149	5745		18.50			18.50			18.50		18.50		21.50	
		157	5785		18.50			18.50			18.50		18.50		21.50	
		165	5825		18.50			18.50			18.50		18.50		21.50	
	802.11n-HT40 MCS0	151	5755		18.50			18.50		18.40	18.50	18.30	18.50	21.36	21.50	85.51
		159	5795		18.50			18.50		18.40	18.50	18.20	18.50	21.31	21.50	
	802.11ac-VHT20 MCS0	149	5745		18.50			18.50		Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
		157	5785		18.50			18.50			18.50		18.50		21.50	
		165	5825		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT40 MCS0	151	5755		18.50			18.50			18.50		18.50		21.50	
		159	5795		18.50			18.50			18.50		18.50		21.50	
	802.11ac-VHT80 MCS0	155	5775		18.50			18.50		18.30	18.50	18.50	18.50	21.41	21.50	85.71
	802.11ax-HE20 MCS0	149	5745		18.50			18.50		Not Required	18.50	Not Required	18.50	Not Required	21.50	Not Required
		157	5785		18.50			18.50			18.50		18.50		21.50	
		165	5825		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE40 MCS0	151	5755		18.50			18.50			18.50		18.50		21.50	
		159	5795		18.50			18.50			18.50		18.50		21.50	
	802.11ax-HE80 MCS0	155	5775		18.50			18.50			18.50		18.50		21.50	

<WWAN on / 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.10	20.00	85.71	19.90	20.00	85.71	19.00	20.00	19.50	20.00	22.27	23.00	85.71
		6	2437	19.20	20.00		20.00	20.00		19.30	20.00	20.00	20.00	22.67	23.00	
		11	2462	18.90	20.00		19.70	20.00		18.90	20.00	19.70	20.00	22.33	23.00	
	802.11g 6Mbps	1	2412	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
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		18.50			18.50			18.50		18.50		21.50	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.50			17.50			17.50		17.50		20.50	
	802.11ax-HE40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	

<5.2GHz WLAN>																
				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	17.50	Not Required	Not Required	17.50	Not Required	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
		40	5200								17.50		17.50		20.50	
		44	5220								17.50		17.50		20.50	
		48	5240								17.50		17.50		20.50	
	802.11n-HT20 MCS0	36	5180								17.50		17.50		20.50	
		40	5200								17.50		17.50		20.50	
		44	5220								17.50		17.50		20.50	
		48	5240								17.50		17.50		20.50	
	802.11n-HT40 MCS0	38	5190							15.80	16.00	15.20	16.00	18.52	19.00	85.51
		46	5230							17.00	17.50	16.90	17.50	19.96	20.50	
	802.11ac-VHT20 MCS0	36	5180							Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
		40	5200								17.50		17.50		20.50	
		44	5220								17.50		17.50		20.50	
		48	5240								17.50		17.50		20.50	
	802.11ac-VHT40 MCS0	38	5190								16.00		16.00		19.00	
		46	5230								17.50		17.50		20.50	
	802.11ac-VHT80 MCS0	42	5210								17.00		17.00		20.00	
	802.11ax-HE20 MCS0	36	5180							Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
		40	5200								17.50		17.50		20.50	
		44	5220								17.50		17.50		20.50	
		48	5240								17.50		17.50		20.50	
	802.11ax-HE40 MCS0	38	5190								16.00		16.00		19.00	
		46	5230								17.50		17.50		20.50	
	802.11ax-HE80 MCS0	42	5210								17.00		17.00		20.00	

<5.3GHz WLAN>																
				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	17.50	Not Required	Not Required	17.50	Not Required	Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
		56	5280													
		60	5300													
		64	5320													
	802.11n-HT20 MCS0	52	5260								17.50	Not Required	17.50	Not Required	20.50	Not Required
		56	5280													
		60	5300													
		64	5320													
	802.11n-HT40 MCS0	54	5270							17.20	17.50	16.50	17.50	19.87	20.50	85.51
		62	5310							16.20	16.50	15.10	16.50	18.70	19.50	
	802.11ac-VHT20 MCS0	52	5260							Not Required	17.50	Not Required	17.50	Not Required	20.50	Not Required
		56	5280													
		60	5300													
		64	5320													
	802.11ac-VHT40 MCS0	54	5270													
		62	5310													
	802.11ac-VHT80 MCS0	58	5290													
		50	5250													
	802.11ac-VHT160 MCS0	52	5260								Not Required	17.50	Not Required	17.50	Not Required	20.50
		56	5280													
		60	5300													
		64	5320													
	802.11ax-HE20 MCS0	54	5270													
		62	5310													
	802.11ax-HE40 MCS0	58	5290													
		50	5250													
		52	5260													
		56	5280													
	802.11ax-HE80 MCS0	60	5300													
		64	5320													
		54	5270													
		62	5310													
	802.11ax-HE160 MCS0	58	5290													
		50	5250													

<5.5GHz WLAN>																
				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	18.00	Not Required	Not Required	18.00	Not Required	Not Required	18.00	Not Required	18.00	Not Required	18.00	Not Required
		116	5580		18.00			18.00			18.00		18.00			
		124	5620		18.00			18.00			18.00		18.00			
		132	5660		18.00			18.00			18.00		18.00			
		140	5700		18.00			18.00			18.00		18.00			
		144	5720		18.00			18.00			18.00		18.00			
	802.11n-HT20 MCS0	100	5500		18.00			18.00			18.00		18.00		21.00	
		116	5580		18.00			18.00			18.00		18.00		21.00	
		124	5620		18.00			18.00			18.00		18.00		21.00	
		132	5660		18.00			18.00			18.00		18.00		21.00	
		140	5700		17.50			17.50			17.50		17.50		20.50	
		144	5720		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT40 MCS0	102	5510		17.50			17.50			17.50		17.50		20.50	
		110	5550		18.00			18.00			18.00		18.00		21.00	
		126	5630		18.00			18.00			18.00		18.00		21.00	
		134	5670		17.50			17.50			17.50		17.50		20.50	
		142	5710		18.00			18.00			18.00		18.00		21.00	
					18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	100	5500		18.00			18.00			18.00		18.00		21.00	
		116	5580		18.00			18.00			18.00		18.00		21.00	
		124	5620		18.00			18.00			18.00		18.00		21.00	
		132	5660		18.00			18.00			18.00		18.00		21.00	
		140	5700		17.50			17.50			17.50		17.50		20.50	
		144	5720		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	102	5510		17.50			17.50			17.50		17.50		20.50	
		110	5550		18.00			18.00			18.00		18.00		21.00	
		126	5630		18.00			18.00			18.00		18.00		21.00	
		134	5670		17.50			17.50			17.50		17.50		20.50	
		142	5710		18.00			18.00			18.00		18.00		21.00	
			18.00		18.00			18.00			18.00		21.00			
802.11ac-VHT80 MCS0	106	5530	16.50	16.50	16.20	16.50	15.60	16.50	18.92	19.50						
	122	5610	17.50	17.50	17.40	17.50	17.20	17.50	20.31	20.50						
	138	5690	18.00	18.00	17.50	18.00	18.00	20.77	21.00	85.71						
802.11ac-VHT160 MCS0	114	5570	13.50	13.50		13.50		13.50		16.50						
802.11ax-HE20 MCS0	100	5500	18.00	18.00		18.00	18.00	21.00								
	116	5580	18.00	18.00		18.00	18.00	21.00								
	124	5620	18.00	18.00		18.00	18.00	21.00								
	132	5660	18.00	18.00		18.00	18.00	21.00								
	140	5700	17.50	17.50		17.50	17.50	20.50								
	144	5720	18.00	18.00		18.00	18.00	21.00								
802.11ax-HE40 MCS0	102	5510	17.50	17.50	Not Required	17.50	Not Required	17.50	Not Required	20.50						
	110	5550	18.00	18.00	Not Required	18.00	Not Required	18.00	Not Required	21.00						
	126	5630	18.00	18.00	Not Required	18.00	Not Required	18.00	Not Required	21.00						
	134	5670	17.50	17.50	Not Required	17.50	Not Required	17.50	Not Required	20.50						
	142	5710	18.00	18.00	Not Required	18.00	Not Required	18.00	Not Required	21.00						
			18.00	18.00	Not Required	18.00	Not Required	18.00	Not Required	21.00						
802.11ax-HE80 MCS0	106	5530	16.50	16.50		16.50	16.50	19.50								
	122	5610	17.50	17.50		17.50	17.50	20.50								
	138	5690	18.00	18.00		18.00	18.00	21.00								
802.11ax-HE160 MCS0	114	5570	14.00	14.00		14.00	14.00	17.00								

<5.8GHz 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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	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
		157	5785		18.00			18.00			18.00		18.00		21.00	
		165	5825		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	149	5745		18.00			18.00			18.00		18.00		21.00	
		157	5785		18.00			18.00			18.00		18.00		21.00	
		165	5825		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT40 MCS0	151	5755		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT20 MCS0	149	5745		18.00			18.00			18.00		18.00		21.00	
		157	5785		18.00			18.00			18.00		18.00		21.00	
		165	5825		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT40 MCS0	151	5755		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
	802.11ac-VHT80 MCS0	155	5775		18.00			18.00		18.00	18.00	17.30	18.00	20.67	21.00	85.71
	802.11ax-HE20 MCS0	149	5745		18.00			18.00		Not Required	18.00	Not Required	18.00	Not Required	21.00	Not Required
		157	5785		18.00			18.00			18.00		18.00		21.00	
		165	5825		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE40 MCS0	151	5755		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
		159	5795		18.00			18.00			18.00		18.00		21.00	
	802.11ax-HE80 MCS0	155	5775		18.00			18.00			18.00		18.00		21.00	

<WWAN off / 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.10	21.50	85.71	20.70	21.50	85.71	21.00	21.50	21.00	21.50	24.01	24.50	85.71
		6	2437	20.30	21.50		21.00	21.50		20.80	21.50	21.50	21.50	24.17	24.50	
		11	2462	20.00	20.00		20.00	20.00		19.10	20.00	19.90	20.00	22.53	23.00	
	802.11g 6Mbps	1	2412	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
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		18.50			18.50			18.50		18.50		21.50	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.50			17.50			17.50		17.50		20.50	
	802.11ax-HE40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	

<5.2GHz WLAN>																
				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	17.00	Not Required	Not Required	17.00	Not Required	Not Required	17.00	Not Required	17.00	Not Required	20.00	Not Required
		40	5200													
		44	5220													
		48	5240													
	802.11n-HT20 MCS0	36	5180													
		40	5200													
		44	5220													
		48	5240													
	802.11n-HT40 MCS0	38	5190													
		46	5230													
	802.11ac-VHT20 MCS0	36	5180													
		40	5200													
		44	5220													
		48	5240													
	802.11ac-VHT40 MCS0	38	5190													
		46	5230													
	802.11ac-VHT80 MCS0	42	5210							16.90	17.00	16.00	17.00	19.48	20.00	85.71
	802.11ax-HE20 MCS0	36	5180							Not Required	17.00	Not Required	17.00	Not Required	20.00	Not Required
		40	5200													
		44	5220													
		48	5240													
	802.11ax-HE40 MCS0	38	5190													
		46	5230													
	802.11ax-HE80 MCS0	38	5190													
		42	5210													

<5.3GHz WLAN>																							
				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	17.00	Not Required	Not Required	17.00	Not Required	Not Required	17.00	Not Required	17.00	Not Required	20.00	Not Required							
		56	5280								17.00		17.00		20.00								
		60	5300								17.00		17.00		17.00		20.00						
		64	5320								17.00		17.00		17.00		20.00						
	802.11n-HT20 MCS0	52	5260								17.00		17.00		17.00		20.00						
		56	5280								17.00		17.00		17.00		20.00						
		60	5300								17.00		17.00		17.00		20.00						
		64	5320								17.00		17.00		17.00		20.00						
	802.11n-HT40 MCS0	54	5270							16.80	17.00	15.90	17.00	19.38	20.00	85.51							
		62	5310							16.20	16.50	15.10	16.50	18.70	19.50								
	802.11ac-VHT20 MCS0	52	5260							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	
		56	5280														17.00		17.00		17.00		20.00
		60	5300														17.00		17.00		17.00		20.00
		64	5320														17.00		17.00		17.00		20.00
	802.11ac-VHT40 MCS0	54	5270														17.00		17.00		17.00		20.00
		62	5310														16.50		16.50		16.50		19.50
	802.11ac-VHT80 MCS0	58	5290														15.00		15.00		15.00		18.00
		802.11ac-VHT160 MCS0	50														5250		13.00		13.00		13.00
	802.11ax-HE20 MCS0	52	5260													17.00	17.00	17.00	20.00				
		56	5280													17.00	17.00	17.00	20.00				
		60	5300													17.00	17.00	17.00	20.00				
		64	5320													17.00	17.00	17.00	20.00				
	802.11ax-HE40 MCS0	54	5270													17.00	17.00	17.00	20.00				
		62	5310													16.50	16.50	16.50	19.50				
	802.11ax-HE80 MCS0	58	5290													15.00	15.00	15.00	18.00				
		802.11ax-HE160 MCS0	50													5250	13.00	13.00	13.00	16.00			

<5.5GHz WLAN>																
				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 %
5.5GHz WLAN	802.11a 6Mbps	100	5500	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
		116	5580													
		124	5620													
		132	5660													
		140	5700													
		144	5720													
	802.11n-HT20 MCS0	100	5500													
		116	5580													
		124	5620													
		132	5660													
		140	5700													
		144	5720													
	802.11n-HT40 MCS0	102	5510													
		110	5550													
		126	5630													
		134	5670													
	802.11ac-VHT20 MCS0	100	5500													
		116	5580													
		124	5620													
		132	5660													
		140	5700													
		144	5720													
	802.11ac-VHT40 MCS0	102	5510													
		110	5550													
		126	5630													
		134	5670													
	802.11ac-VHT80 MCS0	106	5530													
		122	5610													
		138	5690													
	802.11ac-VHT160 MCS0	114	5570													
	802.11ax-HE20 MCS0	100	5500													
		116	5580													
		124	5620													
		132	5660													
		140	5700													
		144	5720													
	802.11ax-HE40 MCS0	102	5510													
		110	5550													
		126	5630													
		134	5670													
	802.11ax-HE80 MCS0	106	5530													
		122	5610													
		138	5690													
	802.11ax-HE160 MCS0	114	5570													

<5.8GHz 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 %
5.8GHz WLAN	802.11a 6Mbps	149	5745	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
		157	5785		17.00			17.00			17.00		17.00		20.00	
		165	5825		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT20 MCS0	149	5745		17.00			17.00			17.00		17.00		20.00	
		157	5785		17.00			17.00			17.00		17.00		20.00	
		165	5825		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT40 MCS0	151	5755		17.00			17.00			17.00		17.00		20.00	
		159	5795		17.00			17.00			17.00		17.00		20.00	
		149	5745		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT20 MCS0	157	5785		17.00			17.00			17.00		17.00		20.00	
		165	5825		17.00			17.00			17.00		17.00		20.00	
		151	5755		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	159	5795		17.00			17.00			17.00		17.00		20.00	
		155	5775		17.00			17.00		15.70	17.00	16.30	17.00	19.02	20.00	85.71
		149	5745		17.00			17.00		Not Required	17.00	Not Required	17.00	Not Required	20.00	85.65
	802.11ax-HE20 MCS0	157	5785		17.00			17.00			17.00		17.00		20.00	
		165	5825		17.00			17.00			17.00		17.00		20.00	
		151	5755		17.00			17.00			17.00		17.00		20.00	
	802.11ax-HE40 MCS0	159	5795		17.00			17.00			17.00		17.00		20.00	
		155	5775		17.00			17.00			17.00		17.00		20.00	
		149	5745		17.00			17.00			17.00		17.00		20.00	

<WWAN on / 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 %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.10	20.00	85.71	19.90	20.00	85.71	19.00	20.00	19.50	20.00	22.27	23.00	85.71
		6	2437	19.20	20.00		20.00	20.00		19.30	20.00	20.00	20.00	22.67	23.00	
		11	2462	18.90	20.00		19.70	20.00		18.90	20.00	19.70	20.00	22.33	23.00	
	802.11g 6Mbps	1	2412	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
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		18.00			18.00			18.00		18.00		21.00	
	802.11n-HT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11n-HT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ac-VHT20 MCS0	1	2412		18.00			18.00			18.00		18.00		21.00	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.00			17.00			17.00		17.00		20.00	
	802.11ac-VHT40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	
	802.11ax-HE20 MCS0	1	2412		18.50			18.50			18.50		18.50		21.50	
		6	2437		20.00			20.00			20.00		20.00		23.00	
		11	2462		17.50			17.50			17.50		17.50		20.50	
	802.11ax-HE40 MCS0	3	2422		16.00			16.00			16.00		16.00		19.00	
		6	2437		15.50			15.50			15.50		15.50		18.50	
		9	2452		9.50			9.50			9.50		9.50		12.50	

<5.2GHz WLAN>																
				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	15.00	Not Required	Not Required	15.00	Not Required	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required
		40	5200													
		44	5220													
		48	5240													
	802.11n-HT20 MCS0	36	5180													
		40	5200													
		44	5220													
		48	5240													
	802.11n-HT40 MCS0	38	5190													
		46	5230													
	802.11ac-VHT20 MCS0	36	5180													
		40	5200													
		44	5220													
		48	5240													
	802.11ac-VHT40 MCS0	38	5190													
		46	5230													
	802.11ac-VHT80 MCS0	42	5210							14.50	15.00	14.40	15.00	17.46	18.00	85.71
	802.11ax-HE20 MCS0	36	5180							Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required
		40	5200													
		44	5220													
		48	5240													
	802.11ax-HE40 MCS0	38	5190													
		46	5230													
	802.11ax-HE80 MCS0	38	5190													
		42	5210													

<5.3GHz WLAN>																
				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	15.00	Not Required	Not Required	15.00	Not Required	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required
		56	5280													
		60	5300													
		64	5320													
	802.11n-HT20 MCS0	52	5260													
		56	5280													
		60	5300													
		64	5320													
	802.11n-HT40 MCS0	54	5270													
		62	5310													
	802.11ac-VHT20 MCS0	52	5260													
		56	5280													
		60	5300													
		64	5320													
	802.11ac-VHT40 MCS0	54	5270													
		62	5310													
	802.11ac-VHT80 MCS0	58	5290							15.00	15.00	14.30	15.00	17.67	18.00	85.71
	802.11ac-VHT160 MCS0	50	5250							Not Required	13.00	Not Required	13.00	Not Required	16.00	Not Required
	802.11ax-HE20 MCS0	52	5260													
		56	5280													
		60	5300													
		64	5320													
	802.11ax-HE40 MCS0	54	5270													
		62	5310													
	802.11ax-HE80 MCS0	58	5290													
	802.11ax-HE160 MCS0	50	5250													

<5.5GHz WLAN>																
				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 %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	14.50	Not Required	Not Required	14.50	Not Required	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
		116	5580		14.50			14.50			14.50		14.50		17.50	
		124	5620		14.50			14.50			14.50		14.50		17.50	
		132	5660		14.50			14.50			14.50		14.50		17.50	
		140	5700		14.50			14.50			14.50		14.50		17.50	
		144	5720		14.50			14.50			14.50		14.50		17.50	
	802.11n-HT20 MCS0	100	5500		14.50			14.50			14.50		14.50		17.50	
		116	5580		14.50			14.50			14.50		14.50		17.50	
		124	5620		14.50			14.50			14.50		14.50		17.50	
		132	5660		14.50			14.50			14.50		14.50		17.50	
		140	5700		14.50			14.50			14.50		14.50		17.50	
		144	5720		14.50			14.50			14.50		14.50		17.50	
	802.11n-HT40 MCS0	102	5510		14.50			14.50			14.50		14.50		17.50	
		110	5550		14.50			14.50			14.50		14.50		17.50	
		126	5630		14.50			14.50			14.50		14.50		17.50	
		134	5670		14.50			14.50			14.50		14.50		17.50	
	802.11ac-VHT20 MCS0	100	5500		14.50			14.50			14.50		14.50		17.50	
		116	5580		14.50			14.50			14.50		14.50		17.50	
		124	5620		14.50			14.50			14.50		14.50		17.50	
		132	5660		14.50			14.50			14.50		14.50		17.50	
		140	5700		14.50			14.50			14.50		14.50		17.50	
		144	5720		14.50			14.50			14.50		14.50		17.50	
	802.11ac-VHT40 MCS0	102	5510		14.50			14.50			14.50		14.50		17.50	
		110	5550		14.50			14.50			14.50		14.50		17.50	
		126	5630		14.50			14.50			14.50		14.50		17.50	
		134	5670		14.50			14.50			14.50		14.50		17.50	
	802.11ac-VHT80 MCS0	106	5530		14.50			14.50			14.20	14.50	14.00	14.50	17.11	17.50
		122	5610		14.50			14.50			14.30	14.50	14.10	14.50	17.21	17.50
		138	5690		14.50			14.50			14.40	14.50	14.50	14.50	17.46	17.50
	802.11ac-VHT160 MCS0	114	5570		13.50			13.50			Not Required	13.50	Not Required	13.50	Not Required	16.50
	802.11ax-HE20 MCS0	100	5500		14.50			14.50				14.50		14.50		17.50
		116	5580		14.50			14.50				14.50		14.50		17.50
		124	5620		14.50			14.50				14.50		14.50		17.50
		132	5660		14.50			14.50				14.50		14.50		17.50
		140	5700		14.50			14.50				14.50		14.50		17.50
		144	5720		14.50			14.50				14.50		14.50		17.50
	802.11ax-HE40 MCS0	102	5510		14.50			14.50				14.50		14.50		17.50
		110	5550		14.50			14.50				14.50		14.50		17.50
		126	5630		14.50			14.50				14.50		14.50		17.50
		134	5670		14.50			14.50				14.50		14.50		17.50
	802.11ax-HE80 MCS0	106	5530		14.50			14.50				14.50		14.50		17.50
		122	5610		14.50			14.50				14.50		14.50		17.50
		138	5690		14.50			14.50				14.50		14.50		17.50
	802.11ax-HE160 MCS0	114	5570		14.00			14.00				14.00		14.00		17.00

<5.8GHz WLAN>																
				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	14.50	Not Required	Not Required	14.50	Not Required	Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
		157	5785													
		165	5825													
	802.11n-HT20 MCS0	149	5745													
		157	5785													
		165	5825													
	802.11n-HT40 MCS0	151	5755													
		159	5795													
	802.11ac-VHT20 MCS0	149	5745													
		157	5785													
		165	5825													
	802.11ac-VHT40 MCS0	151	5755													
		159	5795													
	802.11ac-VHT80 MCS0	155	5775							14.40	14.50	14.50	14.50	17.46	17.50	85.71
	802.11ax-HE20 MCS0	149	5745							Not Required	14.50	Not Required	14.50	Not Required	17.50	Not Required
		157	5785													
		165	5825													
	802.11ax-HE40 MCS0	151	5755													
		159	5795													
	802.11ax-HE80 MCS0	155	5775													

<WWAN on/off, non-DBS, DBS, Standard>

<WiFi 6E>																
				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	15.00	Not Required	Not Required	15.00	Not Required	Not Required	15.00	Not Required	15.00	Not Required	18.00	Not Required
		57	6235													
		173	6815													
	802.11ax-HE20 MCS0	1	5955													
		57	6235													
		173	6815													
	802.11ax-HE40 MCS0	3	5965													
		59	6245													
		171	6805													
	802.11ax-HE80 MCS0	7	5985													
		71	6305													
		167	6785													
	802.11ax-HE160 MCS0	15	6025							13.90	15.50	14.20	15.50	17.06	18.50	86.05
		47	6185							15.10	15.50	15.20	15.50	18.16	18.50	
		143	6665							14.50	15.00	14.40	15.00	17.46	18.00	

<WWAN on/off, non-DBS, DBS, Indoor>

<WiFi 6E>																
				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	2.00	Not Required	2.00	2.00	Not Required	2.00	2.00	2.00	2.00	2.00	2.00	5.00
		57	6235													
		113	6515													
		173	6815													
		233	7115													
	802.11ax-HE20 MCS0	1	5955													
		57	6235													
		113	6515													
		173	6815													
		233	7115													
	802.11ax-HE40 MCS0	3	5965							Not Required	8.00	Not Required	8.00	Not Required	11.00	Not Required
		59	6245													
		107	6485													
		171	6805													
		227	7085													
	802.11ax-HE80 MCS0	7	5985													
		71	6305													
		119	6545													
		167	6785													
		215	7025													
	802.11ax-HE160 MCS0	15	6025								13.10	13.50	12.90	13.50	16.01	16.50
		47	6185								12.80	13.50	12.40	13.50	15.61	16.50
		111	6505								12.80	13.00	12.50	13.00	15.66	16.00
		143	6665								12.60	13.00	12.90	13.00	15.61	16.00
		207	6985								13.00	13.50	13.00	13.50	16.01	16.50

	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	1.77	2.00	76.80	1.92	2.00	77.01
		39	2441	1.33	1.50		0.24	0.50	
		78	2480	2.40	2.50		1.14	1.50	
	BR / EDR 2Mbps	0	2402	2.48	2.50	76.97	2.53	3.00	77.13
		39	2441	2.27	2.50		1.12	1.50	
		78	2480	3.11	3.50		1.84	2.00	
	BR / EDR 3Mbps	0	2402	2.48	2.50	77.03	2.59	3.00	77.01
		39	2441	2.28	2.50		1.19	1.50	
		78	2480	3.20	3.50		1.85	2.00	
	LE 1Mbps	0	2402	Not Required	2.00	Not Required	Not Required	2.00	Not Required
		19	2440		1.00			0.00	
		39	2480		2.50			1.00	
	LE 2Mbps	0	2402		1.50			2.00	
		19	2440		1.00			0.00	
		39	2480		2.00			1.00	

General Note:

- For 2.4GHz Bluetooth SAR testing was selected BR/EDR 3Mbps due to its highest average power and duty cycle is 76.8% and 77.01% considered in SAR testing, and the duty cycle would be scaled to theoretical 83.3% in reported SAR calculation.



