Band 38_Ant 2_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)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	19.23	19.32	19.02	20.7	0
20	QPSK	1	49	18.98	19.03	19.01		
20	QPSK	1	99	18.83	18.86	18.93		
20	QPSK	50	0	19.11	19.15	19.01	20.7	0
20	QPSK	50	24	19.05	19.07	18.96		
20	QPSK	50	50	18.94	18.97	18.92		
20	QPSK	100	0	19.05	19.10	18.93		
20	16QAM	1	0	19.19	19.14	19.23	20.7	0
20	16QAM	1	49	19.12	19.16	19.15		
20	16QAM	1	99	18.99	19.04	18.98		
20	16QAM	50	0	19.23	19.15	19.14	20.7	0
20	16QAM	50	24	19.13	19.19	19.09		
20	16QAM	50	50	19.08	19.13	19.03		
20	16QAM	100	0	19.24	19.16	19.05		
20	64QAM	1	0	19.19	18.94	19.03	20.7	0
20	64QAM	1	49	18.92	18.96	18.95		
20	64QAM	1	99	18.99	18.94	18.98		
20	64QAM	50	0	19.29	19.16	19.14	20.7	0
20	64QAM	50	24	19.14	19.18	19.09		
20	64QAM	50	50	19.06	19.09	19.00		
20	64QAM	100	0	19.21	19.19	19.10		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	19.22	19.07	19.10	20.7	0
15	QPSK	1	37	18.99	19.01	18.90		
15	QPSK	1	74	18.95	18.96	18.88		
15	QPSK	36	0	19.19	19.06	18.96	20.7	0
15	QPSK	36	20	19.11	19.02	18.92		
15	QPSK	36	39	18.96	18.97	18.88		
15	QPSK	75	0	19.13	19.01	18.89		
15	16QAM	1	0	19.28	19.22	19.26	20.7	0
15	16QAM	1	37	19.13	19.18	19.07		
15	16QAM	1	74	19.08	19.11	19.04		
15	16QAM	36	0	19.27	19.06	19.05	20.7	0
15	16QAM	36	20	19.20	19.13	19.03		
15	16QAM	36	39	19.04	19.06	18.96		
15	16QAM	75	0	19.24	19.14	19.04		
15	64QAM	1	0	18.98	19.03	18.87	20.7	0
15	64QAM	1	37	18.95	18.97	18.98		
15	64QAM	1	74	19.01	18.97	19.03		
15	64QAM	36	0	19.27	19.11	19.06	20.7	0
15	64QAM	36	20	19.25	19.18	19.06		
15	64QAM	36	39	19.04	19.12	18.99		
15	64QAM	75	0	19.23	19.19	19.07		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	19.17	19.24	18.93	20.7	0
10	QPSK	1	25	18.96	19.00	19.07		
10	QPSK	1	49	18.95	18.95	18.97		
10	QPSK	25	0	19.14	19.21	19.02	20.7	0
10	QPSK	25	12	19.14	19.01	18.80		
10	QPSK	25	25	19.00	18.98	19.07		
10	QPSK	50	0	19.14	19.04	19.04		
10	16QAM	1	0	19.27	19.16	19.10	20.7	0
10	16QAM	1	25	19.19	19.17	19.05		
10	16QAM	1	49	19.10	19.10	18.90		
10	16QAM	25	0	19.27	19.17	19.03	20.7	0
10	16QAM	25	12	19.28	19.16	19.01		
10	16QAM	25	25	19.10	19.13	18.89		
10	16QAM	50	0	19.26	19.16	18.96		
10	64QAM	1	0	18.98	19.06	18.91	20.7	0
10	64QAM	1	25	18.99	18.96	19.05		
10	64QAM	1	49	19.04	18.98	19.03		
10	64QAM	25	0	19.13	19.03	18.87	20.7	0
10	64QAM	25	12	19.10	19.01	18.84		
10	64QAM	25	25	18.96	18.93	18.86		
10	64QAM	50	0	19.06	18.96	18.86		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	19.13	19.25	19.01	20.7	0
5	QPSK	1	12	19.09	18.95	19.03		
5	QPSK	1	24	18.94	18.89	18.93		
5	QPSK	12	0	19.14	19.02	18.96	20.7	0
5	QPSK	12	7	19.16	19.01	18.99		
5	QPSK	12	13	19.02	19.01	18.98		
5	QPSK	25	0	19.14	18.98	18.98		
5	16QAM	1	0	19.22	19.06	19.03	20.7	0
5	16QAM	1	12	19.10	19.13	19.02		
5	16QAM	1	24	19.03	19.13	18.90		
5	16QAM	12	0	19.20	19.08	19.04	20.7	0
5	16QAM	12	7	19.22	19.13	19.08		
5	16QAM	12	13	19.18	19.06	18.94		
5	16QAM	25	0	19.26	19.12	18.97		
5	64QAM	1	0	18.92	19.08	18.97	20.7	0
5	64QAM	1	12	19.10	18.98	19.04		
5	64QAM	1	24	19.10	19.04	19.14		
5	64QAM	12	0	19.11	18.97	18.93	20.7	0
5	64QAM	12	7	18.91	18.99	18.83		
5	64QAM	12	13	18.87	18.94	18.81		
5	64QAM	25	0	19.10	18.96	18.82		

Band 38_Ant 2_DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				37850	38000	38150		
Frequency (MHz)				2580	2595	2610		
20	QPSK	1	0	22.24	22.28	22.07	23.7	0
20	QPSK	1	49	22.02	22.04	22.05		
20	QPSK	1	99	21.86	21.94	21.87		
20	QPSK	50	0	22.23	22.24	22.05	23.7	0
20	QPSK	50	24	22.06	22.14	22.01		
20	QPSK	50	50	21.99	22.07	21.97		
20	QPSK	100	0	22.15	22.16	22.02		
20	16QAM	1	0	22.21	22.18	22.22	23.7	0
20	16QAM	1	49	22.15	22.20	22.17		
20	16QAM	1	99	21.99	22.07	21.99		
20	16QAM	50	0	22.15	22.04	21.99	23.7	0
20	16QAM	50	24	22.19	22.25	22.14		
20	16QAM	50	50	22.11	22.18	22.05		
20	16QAM	100	0	22.23	22.23	22.12		
20	64QAM	1	0	22.01	22.21	21.85	23.7	0
20	64QAM	1	49	22.12	22.12	22.13		
20	64QAM	1	99	22.21	22.12	22.21		
20	64QAM	50	0	21.31	21.17	21.14	22.7	1
20	64QAM	50	24	21.16	21.21	21.15		
20	64QAM	50	50	21.05	21.14	21.06		
20	64QAM	100	0	21.28	21.21	21.11		
Channel				37825	38000	38175	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2577.5	2595	2612.5		
15	QPSK	1	0	22.13	22.03	22.02	23.7	0
15	QPSK	1	37	22.13	22.03	21.98		
15	QPSK	1	74	22.02	22.00	22.06		
15	QPSK	36	0	22.21	22.18	22.05	23.7	0
15	QPSK	36	20	22.25	22.11	22.06		
15	QPSK	36	39	22.27	22.08	21.99		
15	QPSK	75	0	22.24	22.19	22.22		
15	16QAM	1	0	22.25	22.23	21.99	23.7	0
15	16QAM	1	37	22.21	22.12	22.07		
15	16QAM	1	74	22.20	22.16	22.24		
15	16QAM	36	0	22.10	21.92	21.88	23.7	0
15	16QAM	36	20	22.18	22.25	22.19		
15	16QAM	36	39	22.19	22.12	22.13		
15	16QAM	75	0	22.24	22.27	22.21		
15	64QAM	1	0	22.15	22.11	22.01	23.7	0
15	64QAM	1	37	21.88	22.11	22.21		
15	64QAM	1	74	22.08	21.97	21.84		
15	64QAM	36	0	21.37	21.19	21.15	22.7	1
15	64QAM	36	20	21.43	21.22	21.26		
15	64QAM	36	39	21.34	21.19	21.20		
15	64QAM	75	0	21.43	21.30	21.14		
Channel				37800	38000	38200	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2575	2595	2615		
10	QPSK	1	0	22.13	22.09	22.07	23.7	0
10	QPSK	1	25	21.96	22.08	22.02		
10	QPSK	1	49	22.01	21.95	21.97		
10	QPSK	25	0	22.14	22.05	22.03	23.7	0
10	QPSK	25	12	22.19	22.07	21.96		
10	QPSK	25	25	22.19	22.03	21.98		
10	QPSK	50	0	22.18	22.16	22.12		
10	16QAM	1	0	22.24	22.09	22.04	23.7	0
10	16QAM	1	25	22.23	22.18	21.94		
10	16QAM	1	49	22.23	22.21	22.01		
10	16QAM	25	0	22.03	22.04	22.03	23.7	0
10	16QAM	25	12	22.19	22.18	22.09		
10	16QAM	25	25	22.27	22.22	22.07		
10	16QAM	50	0	22.20	22.15	22.20		
10	64QAM	1	0	22.01	22.08	21.94	23.7	0
10	64QAM	1	25	21.81	21.97	21.89		
10	64QAM	1	49	22.03	21.83	21.82		
10	64QAM	25	0	21.21	21.13	21.21	22.7	1
10	64QAM	25	12	21.26	21.26	21.08		
10	64QAM	25	25	21.35	21.21	21.06		
10	64QAM	50	0	21.32	21.31	21.08		
Channel				37775	38000	38225	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2572.5	2595	2617.5		
5	QPSK	1	0	22.17	21.83	21.82	23.7	0
5	QPSK	1	12	22.13	22.14	21.96		
5	QPSK	1	24	22.07	21.94	21.91		
5	QPSK	12	0	22.13	22.14	22.03	23.7	0
5	QPSK	12	7	22.20	22.07	22.00		
5	QPSK	12	13	22.16	22.23	21.95		
5	QPSK	25	0	22.15	22.21	22.04		
5	16QAM	1	0	22.21	22.02	21.90	23.7	0
5	16QAM	1	12	22.20	22.24	21.99		
5	16QAM	1	24	22.19	22.10	21.97		
5	16QAM	12	0	22.11	21.99	21.82	23.7	0
5	16QAM	12	7	22.24	22.22	22.13		
5	16QAM	12	13	22.20	22.18	22.09		
5	16QAM	25	0	22.19	22.13	22.15		
5	64QAM	1	0	22.13	21.95	21.84	23.7	0
5	64QAM	1	12	22.20	21.83	21.80		
5	64QAM	1	24	22.18	21.91	21.83		
5	64QAM	12	0	21.34	21.12	21.06	22.7	1
5	64QAM	12	7	21.27	21.16	21.09		
5	64QAM	12	13	21.32	21.20	21.02		
5	64QAM	25	0	21.32	21.20	21.12		

Band 41_Ant 1_DSI 5

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40240	40500	40770	41090		
Frequency (MHz)				2555	2581	2608	2640		
20	QPSK	1	0	22.72	22.65	22.81	22.64	24.5	0
20	QPSK	1	49	22.77	22.75	22.63	22.53		
20	QPSK	1	99	22.77	22.52	22.73	22.53		
20	QPSK	50	0	22.67	22.70	22.75	22.59	24.5	0
20	QPSK	50	24	22.64	22.71	22.71	22.61		
20	QPSK	50	50	22.61	22.72	22.68	22.62		
20	QPSK	100	0	22.62	22.70	22.71	22.63		
20	16QAM	1	0	22.60	22.79	22.67	22.78	24.5	0
20	16QAM	1	49	22.68	22.80	22.74	22.64		
20	16QAM	1	99	22.71	22.67	22.80	22.64		
20	16QAM	50	0	21.93	21.78	21.76	21.72	23.5	1
20	16QAM	50	24	21.95	21.81	21.83	21.73		
20	16QAM	50	50	21.93	21.81	21.81	21.70		
20	16QAM	100	0	21.92	21.83	21.81	21.70		
20	64QAM	1	0	21.76	21.74	21.60	21.69	23.5	1
20	64QAM	1	49	21.83	21.80	21.70	21.62		
20	64QAM	1	99	21.84	21.61	21.79	21.62		
20	64QAM	50	0	20.90	20.71	20.70	20.65	22.5	2
20	64QAM	50	24	20.89	20.74	20.77	20.65		
20	64QAM	50	50	20.86	20.73	20.73	20.64		
20	64QAM	100	0	20.96	20.87	20.85	20.73		
Channel				40215	40495	40785	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2552.5	2580.5	2609.5	2642.5		
15	QPSK	1	0	22.73	22.76	22.64	22.63	24.5	0
15	QPSK	1	37	22.70	22.80	22.61	22.53		
15	QPSK	1	74	22.79	22.69	22.67	22.61		
15	QPSK	36	0	22.77	22.78	22.66	22.59	24.5	0
15	QPSK	36	20	22.68	22.79	22.71	22.62		
15	QPSK	36	39	22.73	22.80	22.63	22.59		
15	QPSK	75	0	22.68	22.79	22.67	22.61		
15	16QAM	1	0	22.80	22.69	22.76	22.74	24.5	0
15	16QAM	1	37	22.77	22.65	22.75	22.66		
15	16QAM	1	74	22.67	22.78	22.79	22.71		
15	16QAM	36	0	21.78	21.85	21.74	21.61	23.5	1
15	16QAM	36	20	21.89	21.88	21.74	21.64		
15	16QAM	36	39	21.87	21.84	21.72	21.64		
15	16QAM	75	0	21.93	21.90	21.78	21.68		
15	64QAM	1	0	21.78	21.86	21.73	21.73	23.5	1
15	64QAM	1	37	21.74	21.90	21.70	21.61		
15	64QAM	1	74	21.90	21.78	21.75	21.63		
15	64QAM	36	0	20.82	20.88	20.76	20.67	22.5	2
15	64QAM	36	20	20.92	20.92	20.76	20.67		
15	64QAM	36	39	20.91	20.88	20.75	20.62		
15	64QAM	75	0	20.91	20.91	20.75	20.68		
Channel				40190	40490	40790	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550	2580	2610	2645		
10	QPSK	1	0	22.70	22.74	22.62	22.53	24.5	0
10	QPSK	1	25	22.67	22.80	22.59	22.59		
10	QPSK	1	49	22.77	22.80	22.64	22.59		
10	QPSK	25	0	22.67	22.77	22.59	22.53	24.5	0
10	QPSK	25	12	22.73	22.77	22.64	22.59		
10	QPSK	25	25	22.77	22.73	22.63	22.58		
10	QPSK	50	0	22.71	22.79	22.64	22.55		
10	16QAM	1	0	22.70	22.68	22.78	22.63	24.5	0
10	16QAM	1	25	22.80	22.65	22.70	22.62		
10	16QAM	1	49	22.68	22.74	22.72	22.62		
10	16QAM	25	0	21.81	21.87	21.73	21.65	23.5	1
10	16QAM	25	12	21.82	21.91	21.77	21.66		
10	16QAM	25	25	21.91	21.90	21.76	21.65		
10	16QAM	50	0	21.93	21.86	21.74	21.68		
10	64QAM	1	0	21.77	21.84	21.70	21.62	23.5	1
10	64QAM	1	25	21.74	21.87	21.66	21.56		
10	64QAM	1	49	21.86	21.81	21.74	21.62		
10	64QAM	25	0	20.77	20.82	20.69	20.56	22.5	2
10	64QAM	25	12	20.77	20.86	20.72	20.62		
10	64QAM	25	25	20.86	20.86	20.71	20.61		
10	64QAM	50	0	20.87	20.81	20.69	20.62		
Channel				40165	40485	40805	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2547.5	2579.5	2611.5	2647.50		
5	QPSK	1	0	22.66	22.73	22.58	22.58	24.5	0
5	QPSK	1	12	22.65	22.79	22.58	22.52		
5	QPSK	1	24	22.64	22.79	22.56	22.59		
5	QPSK	12	0	22.72	22.75	22.63	22.55	24.5	0
5	QPSK	12	7	22.70	22.80	22.66	22.57		
5	QPSK	12	13	22.74	22.80	22.63	22.55		
5	QPSK	25	0	22.72	22.75	22.61	22.53		
5	16QAM	1	0	22.75	22.74	22.67	22.60	24.5	0
5	16QAM	1	12	22.75	22.64	22.74	22.60		
5	16QAM	1	24	22.75	22.63	22.74	22.64		
5	16QAM	12	0	21.76	21.81	21.67	21.59	23.5	1
5	16QAM	12	7	21.78	21.84	21.70	21.61		
5	16QAM	12	13	21.74	21.90	21.73	21.60		
5	16QAM	25	0	21.79	21.85	21.76	21.63		
5	64QAM	1	0	21.73	21.82	21.67	21.60	23.5	1
5	64QAM	1	12	21.75	21.90	21.68	21.56		
5	64QAM	1	24	21.72	21.87	21.70	21.60		
5	64QAM	12	0	20.74	20.80	20.64	20.56	22.5	2
5	64QAM	12	7	20.80	20.83	20.69	20.60		
5	64QAM	12	13	20.74	20.89	20.71	20.59		
5	64QAM	25	0	20.74	20.81	20.66	20.56		

Band 41_Ant 2_DSI 1									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40240	40500	40770	41090		
Frequency (MHz)				2555	2581	2608	2640		
20	QPSK	1	0	19.02	18.95	19.15	18.89	20.7	0
20	QPSK	1	49	19.07	19.00	18.88	18.76		
20	QPSK	1	99	19.05	18.81	18.99	18.81		
20	QPSK	50	0	19.06	18.98	19.07	18.87	20.7	0
20	QPSK	50	24	19.05	19.00	18.96	18.87		
20	QPSK	50	50	19.05	18.99	18.96	18.86		
20	QPSK	100	0	19.04	18.99	19.05	18.86		
20	16QAM	1	0	19.09	19.12	18.96	19.06	20.7	0
20	16QAM	1	49	19.13	19.11	19.03	18.94		
20	16QAM	1	99	19.12	18.99	19.14	18.93		
20	16QAM	50	0	19.12	19.09	19.07	18.98	20.7	0
20	16QAM	50	24	18.83	19.11	19.07	18.97		
20	16QAM	50	50	19.13	19.09	19.05	18.96		
20	16QAM	100	0	19.11	19.10	19.06	18.97		
20	64QAM	1	0	18.95	18.83	18.72	18.81	20.7	0
20	64QAM	1	49	18.98	18.90	18.77	18.86		
20	64QAM	1	99	18.95	18.74	18.88	18.88		
20	64QAM	50	0	19.10	19.06	19.00	18.93	20.7	0
20	64QAM	50	24	19.10	19.05	19.00	18.91		
20	64QAM	50	50	19.08	19.03	19.00	18.89		
20	64QAM	100	0	19.11	19.14	19.09	19.01		
Channel				40215	40495	40785	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2552.5	2580.5	2609.5	2642.5		
15	QPSK	1	0	19.06	19.08	18.92	18.91	20.7	0
15	QPSK	1	37	19.00	19.13	18.88	18.78		
15	QPSK	1	74	19.12	18.95	18.95	18.85		
15	QPSK	36	0	18.95	19.10	18.94	18.84	20.7	0
15	QPSK	36	20	19.08	19.10	18.98	18.86		
15	QPSK	36	39	19.02	19.07	18.94	18.84		
15	QPSK	75	0	19.06	19.09	18.95	18.83		
15	16QAM	1	0	19.10	19.11	19.07	19.05	20.7	0
15	16QAM	1	37	19.04	19.11	19.05	18.93		
15	16QAM	1	74	19.01	19.13	19.10	18.98		
15	16QAM	36	0	19.05	19.09	18.98	18.89	20.7	0
15	16QAM	36	20	19.15	19.13	19.02	18.92		
15	16QAM	36	39	19.09	19.12	18.97	18.91		
15	16QAM	75	0	19.12	19.11	19.05	18.95		
15	64QAM	1	0	18.96	18.99	18.84	18.83	20.7	0
15	64QAM	1	37	18.92	19.03	18.76	18.77		
15	64QAM	1	74	19.04	18.86	18.83	18.73		
15	64QAM	36	0	19.05	19.12	19.02	18.92	20.7	0
15	64QAM	36	20	19.03	19.11	19.05	18.94		
15	64QAM	36	39	19.12	19.11	19.01	18.92		
15	64QAM	75	0	19.13	19.11	19.04	18.93		
Channel				40190	40490	40790	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550	2580	2610	2645		
10	QPSK	1	0	19.02	19.03	18.88	18.77	20.7	0
10	QPSK	1	25	19.01	19.14	18.84	18.77		
10	QPSK	1	49	19.12	19.05	18.93	18.84		
10	QPSK	25	0	18.91	19.03	18.89	18.80	20.7	0
10	QPSK	25	12	18.92	19.08	18.93	18.84		
10	QPSK	25	25	19.00	19.04	18.92	18.82		
10	QPSK	50	0	19.04	19.06	18.92	18.81		
10	16QAM	1	0	19.06	19.13	19.05	18.96	20.7	0
10	16QAM	1	25	19.07	19.11	19.00	18.92		
10	16QAM	1	49	19.14	19.13	19.03	18.91		
10	16QAM	25	0	19.04	19.13	19.00	18.92	20.7	0
10	16QAM	25	12	19.09	19.13	19.04	18.92		
10	16QAM	25	25	19.13	19.12	19.03	18.93		
10	16QAM	50	0	19.14	19.11	19.03	18.91		
10	64QAM	1	0	18.93	18.94	18.77	18.72	20.7	0
10	64QAM	1	25	18.89	19.01	18.75	18.77		
10	64QAM	1	49	18.99	18.94	18.78	18.71		
10	64QAM	25	0	18.99	19.10	18.99	18.86	20.7	0
10	64QAM	25	12	19.01	19.13	18.99	18.89		
10	64QAM	25	25	19.07	19.11	19.00	18.87		
10	64QAM	50	0	19.07	19.11	18.97	18.84		
Channel				40165	40485	40805	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2547.5	2579.5	2611.5	2647.50		
5	QPSK	1	0	18.99	19.01	18.86	18.75	20.7	0
5	QPSK	1	12	19.01	19.11	18.87	18.74		
5	QPSK	1	24	18.95	19.06	18.84	18.72		
5	QPSK	12	0	19.05	19.07	18.89	18.76	20.7	0
5	QPSK	12	7	19.07	19.10	18.93	18.81		
5	QPSK	12	13	19.04	19.13	18.91	18.82		
5	QPSK	25	0	19.00	19.00	18.90	18.80		
5	16QAM	1	0	19.12	19.11	18.99	18.90	20.7	0
5	16QAM	1	12	19.13	19.14	19.00	18.89		
5	16QAM	1	24	19.13	19.13	19.04	18.92		
5	16QAM	12	0	19.11	19.11	18.92	18.83	20.7	0
5	16QAM	12	7	19.13	19.14	18.98	18.88		
5	16QAM	12	13	19.12	19.12	18.94	18.84		
5	16QAM	25	0	19.11	19.13	19.00	18.91		
5	64QAM	1	0	19.01	18.91	18.97	18.76	20.7	0
5	64QAM	1	12	18.93	19.01	18.75	18.79		
5	64QAM	1	24	18.93	19.01	18.77	18.79		
5	64QAM	12	0	19.10	19.11	18.93	18.81	20.7	0
5	64QAM	12	7	19.13	19.13	18.99	18.88		
5	64QAM	12	13	19.11	19.12	18.95	18.82		
5	64QAM	25	0	19.09	19.10	18.95	18.85		

Band 41_Ant 2_DSI 3/5									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)
Channel				40240	40500	40770	41090		
Frequency (MHz)				2555	2581	2608	2640		
20	QPSK	1	0	21.16	21.20	21.31	20.99	22.7	0
20	QPSK	1	49	21.19	21.18	20.96	20.98		
20	QPSK	1	99	21.17	20.85	20.93	20.98		
20	QPSK	50	0	21.19	21.12	21.20	21.12	22.7	0
20	QPSK	50	24	21.19	21.06	21.18	21.11		
20	QPSK	50	50	21.13	20.99	21.09	21.02		
20	QPSK	100	0	21.16	21.04	21.17	21.05		
20	16QAM	1	0	21.21	21.23	21.21	21.20	22.7	0
20	16QAM	1	49	21.24	21.16	21.26	21.15		
20	16QAM	1	99	21.19	21.00	21.18	21.19		
20	16QAM	50	0	21.11	21.03	20.98	21.06	22.7	0
20	16QAM	50	24	21.17	21.06	20.96	20.99		
20	16QAM	50	50	21.14	20.99	20.97	20.96		
20	16QAM	100	0	21.18	21.04	20.93	20.99		
20	64QAM	1	0	21.12	21.16	20.98	21.00	22.7	0
20	64QAM	1	49	21.14	21.12	20.92	21.18		
20	64QAM	1	99	21.10	21.08	21.07	20.98		
20	64QAM	50	0	21.25	21.15	21.03	20.88	22.7	0
20	64QAM	50	24	21.22	21.11	21.12	21.00		
20	64QAM	50	50	21.18	21.18	21.06	20.90		
20	64QAM	100	0	21.21	21.24	21.11	20.96		
Channel				40215	40495	40785	41115	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2552.5	2580.5	2609.5	2642.5		
15	QPSK	1	0	21.00	20.86	21.11	20.93	22.7	0
15	QPSK	1	37	21.08	20.92	21.10	20.95		
15	QPSK	1	74	20.87	20.91	20.91	20.96		
15	QPSK	36	0	20.98	20.91	21.04	21.28	22.7	0
15	QPSK	36	20	21.10	20.90	21.27	21.23		
15	QPSK	36	39	21.02	20.89	21.22	21.24		
15	QPSK	75	0	21.12	20.92	21.23	21.29		
15	16QAM	1	0	21.10	21.04	21.27	21.27	22.7	0
15	16QAM	1	37	20.96	21.03	21.25	21.28		
15	16QAM	1	74	21.07	21.11	21.18	21.22		
15	16QAM	36	0	20.95	20.71	21.07	21.04	22.7	0
15	16QAM	36	20	20.93	20.96	20.97	21.21		
15	16QAM	36	39	20.86	20.75	21.02	21.02		
15	16QAM	75	0	21.04	20.96	21.06	21.19		
15	64QAM	1	0	21.22	21.24	21.26	21.29	22.7	0
15	64QAM	1	37	20.97	21.16	21.03	21.23		
15	64QAM	1	74	21.25	21.08	21.27	21.11		
15	64QAM	36	0	21.14	21.02	21.18	21.07	22.7	0
15	64QAM	36	20	21.22	20.97	21.13	21.19		
15	64QAM	36	39	21.21	21.15	21.08	21.18		
15	64QAM	75	0	21.20	21.28	21.09	21.03		
Channel				40190	40490	40790	41140	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2550	2580	2610	2645		
10	QPSK	1	0	20.98	21.00	21.07	21.05	22.7	0
10	QPSK	1	25	20.83	20.91	20.89	20.98		
10	QPSK	1	49	20.96	20.84	20.98	20.87		
10	QPSK	25	0	20.89	20.86	20.93	21.21	22.7	0
10	QPSK	25	12	20.96	20.98	21.27	21.17		
10	QPSK	25	25	21.04	20.82	21.21	21.15		
10	QPSK	50	0	20.93	20.97	21.22	21.23		
10	16QAM	1	0	21.21	20.97	21.22	21.04	22.7	0
10	16QAM	1	25	21.08	21.09	21.25	21.30		
10	16QAM	1	49	20.98	21.12	21.27	21.27		
10	16QAM	25	0	20.80	20.98	20.96	21.14	22.7	0
10	16QAM	25	12	21.13	20.87	21.15	21.10		
10	16QAM	25	25	20.92	21.03	21.06	21.28		
10	16QAM	50	0	21.02	20.78	21.06	21.05		
10	64QAM	1	0	21.18	21.19	21.20	21.22	22.7	0
10	64QAM	1	25	20.88	21.10	20.92	21.15		
10	64QAM	1	49	21.12	20.88	21.18	20.95		
10	64QAM	25	0	21.08	20.94	21.10	20.97	22.7	0
10	64QAM	25	12	21.03	21.09	20.92	21.29		
10	64QAM	25	25	21.14	21.11	21.05	21.18		
10	64QAM	50	0	21.19	21.27	21.06	21.00		
Channel				40165	40485	40805	41165	Tune-up limit (dBm)	MPR (dB)
Frequency (MHz)				2547.5	2579.5	2611.5	2647.50		
5	QPSK	1	0	21.12	20.72	21.19	20.75	22.7	0
5	QPSK	1	12	20.98	21.05	21.02	21.00		
5	QPSK	1	24	20.94	20.77	21.00	20.84		
5	QPSK	12	0	21.13	20.93	21.15	21.26	22.7	0
5	QPSK	12	7	20.95	20.88	21.24	21.23		
5	QPSK	12	13	20.93	20.96	21.24	21.22		
5	QPSK	25	0	21.00	21.00	21.27	21.13		
5	16QAM	1	0	21.06	20.98	21.25	21.03	22.7	0
5	16QAM	1	12	20.97	20.87	21.28	21.24		
5	16QAM	1	24	21.04	20.99	21.21	21.22		
5	16QAM	12	0	20.86	20.80	21.00	21.15	22.7	0
5	16QAM	12	7	20.91	20.85	20.97	21.12		
5	16QAM	12	13	20.95	20.87	21.07	21.10		
5	16QAM	25	0	20.99	20.84	21.03	21.09		
5	64QAM	1	0	21.22	21.00	21.28	21.07	22.7	0
5	64QAM	1	12	21.25	20.94	21.29	20.97		
5	64QAM	1	24	21.25	21.04	21.29	21.09		
5	64QAM	12	0	21.13	20.87	21.19	20.94	22.7	0
5	64QAM	12	7	21.14	20.97	21.01	21.15		
5	64QAM	12	13	21.09	21.18	20.98	21.23		
5	64QAM	25	0	21.11	21.10	21.02	20.87		

CA Uplink Power

Ant 1 Full Power — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	23.67	25.5
18900	18702	QPSK	1	0	1	99	23.78	25.5
19100	18902	QPSK	1	0	1	99	23.80	25.5

Ant 1 Full Power — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	23.18	25.5
21100	20902	QPSK	1	0	1	99	23.10	25.5
21350	21152	QPSK	1	0	1	99	23.28	25.5

Ant 1 Full Power — Tune up Power (dBm)

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	0	0	0	24.03	25.5
37901	38099	QPSK	1	0	0	0	23.92	25.5
38150	37952	QPSK	1	0	1	99	23.68	25.5

Ant 2 Full Power — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	23.72	25.7
18900	18702	QPSK	1	0	1	99	23.99	25.7
19100	18902	QPSK	1	0	1	99	24.02	25.7

Ant 2 Full Power — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	24.05	25.7
21100	20902	QPSK	1	0	1	99	24.06	25.7
21350	21152	QPSK	1	0	1	99	24.08	25.7

Ant 2 Full Power — Tune up Power (dBm)

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	0	0	0	24.29	25.7
37901	38099	QPSK	1	0	0	0	24.25	25.7
38150	37952	QPSK	1	0	1	99	24.02	25.7

Ant 2 DSI1 — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	16.21	17.7
18900	18702	QPSK	1	0	1	99	16.26	17.7
19100	18902	QPSK	1	0	1	99	16.24	17.7

Ant 2 DSI1 — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	16.98	18.7
21100	20902	QPSK	1	0	1	99	16.87	18.7
21350	21152	QPSK	1	0	1	99	17.02	18.7

Ant 2 DSI1 — Tune up Power (dBm)

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	0	0	0	19.12	20.7
37901	38099	QPSK	1	0	0	0	19.16	20.7
38150	37952	QPSK	1	0	1	99	19.11	20.7

Ant 1 DSI5 — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	16.80	18.5
18900	18702	QPSK	1	0	1	99	17.04	18.5
19100	18902	QPSK	1	0	1	99	16.91	18.5

Ant 1 DSI5 — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	21.00	22.5
21100	20902	QPSK	1	0	1	99	21.11	22.5
21350	21152	QPSK	1	0	1	99	21.02	22.5

Ant 2 DSI5 — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	16.21	17.7
18900	18702	QPSK	1	0	1	99	16.26	17.7
19100	18902	QPSK	1	0	1	99	16.24	17.7

Ant 2 DSI5 — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	18.94	20.7
21100	20902	QPSK	1	0	1	99	19.06	20.7
21350	21152	QPSK	1	0	1	99	19.06	20.7

Ant 2 DSI5 — Tune up Power (dBm)

CA_38C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
37850	38048	QPSK	1	0	0	0	22.15	23.7
37901	38099	QPSK	1	0	0	0	22.18	23.7
38150	37952	QPSK	1	0	1	99	22.16	23.7

Ant 1 DSI3 — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	19.31	21
18900	18702	QPSK	1	0	1	99	19.36	21
19100	18902	QPSK	1	0	1	99	19.28	21

Ant 2 DSI3 — Tune up Power (dBm)

CA_2C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
18700	18898	QPSK	1	0	0	0	18.87	20.7
18900	18702	QPSK	1	0	1	99	19.28	20.7
19100	18902	QPSK	1	0	1	99	19.13	20.7

Ant 2 DSI3 — Tune up Power (dBm)

CA_7C								
Combination 20MHz+20MHz (100RB+100RB)								
PCC Channel	SCC Channel	Modulation	PCC		SCC		Measured Power (dBm)	Tune up Power (dBm)
			RB Size	RB offset	RB Size	RB offset		
20850	21048	QPSK	1	0	0	0	18.94	20.7
21100	20902	QPSK	1	0	1	99	19.06	20.7
21350	21152	QPSK	1	0	1	99	19.06	20.7

2CA DL

CA List	PCC								SCC				Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_2A-5A	Band 2	Ant 1	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.17	23.96
	Band 2	Ant 2	20M	1880	18900	QPSK	1	0	Band 5	10M	881.5	2525	24.14	24.30
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.11	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 2	20M	1960	900	24.15	24.12
CA_4A-5A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	24.01	24.08
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 5	10M	881.5	2525	23.72	24.18
	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.12	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 4	20M	2132.5	2175	24.15	24.12
CA_4A-7A	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	24.06	24.08
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	23.83	24.18
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	23.44	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 4	20M	2132.5	2175	23.53	24.25
CA_5A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.03	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	24.08	24.12
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	23.37	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 5	10M	881.5	2525	24.07	24.25
CA_7A-7A	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.40	23.87
CA_7A-7A	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	23.54	24.25
CA_41A-41A	Band 41	Ant 1	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	23.97	23.98
CA_41A-41A	Band 41	Ant 2	20M	2593	40620	QPSK	1	0	Band 41	5M	2687.5	41565	24.08	24.26

3CA DL

Configure	PCC								SCC1				SCC2				Power	
	LTE Band	Ant	BW (MHz)	UL Freq. (MHz)	UL Channel	Mod.	UL# RB	UL RB Offset	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	LTE Band	BW (MHz)	DL Freq. (MHz)	DL Channel	With CA Tx. Power (dBm)	Without CA Tx. Power (dBm)
CA_4A-7C	Band 4	Ant 1	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.02	24.08
	Band 4	Ant 2	20M	1732.5	20175	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.35	24.18
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.71	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 4	20M	2132.5	2175	23.88	24.25
CA_5A-7A-7A	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.08	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	5M	2687.5	3425	24.23	24.12
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.86	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	5M	2687.5	3425	Band 5	10M	881.5	2525	23.91	24.25
CA_5A-7C	Band 5	Ant 1	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.03	24.04
	Band 5	Ant 2	10M	836.5	20525	QPSK	1	0	Band 7	20M	2655	3100	Band 7	20M	2674.8	3298	24.19	24.12
	Band 7	Ant 1	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.78	23.87
	Band 7	Ant 2	20M	2535	21100	QPSK	1	0	Band 7	20M	2674.8	3298	Band 5	10M	881.5	2525	23.93	24.25

2.4GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	17.35	19.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

2.4GHz WLAN	Receiver On-For Head——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	16.57	18.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

2.4GHz WLAN	Receiver On -Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	15.67	17.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

2.4GHz WLAN	Hotspot On					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	17.35	19.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

2.4GHz WLAN	Receiver Off -For Body——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	17.35	19.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

2.4GHz WLAN	Receiver Off-For Body Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	15.06	17.00	100.00
		6	2437	15.30	17.00	
		11	2462	17.35	19.00	
	802.11g 6Mbps	1	2412	14.52	16.50	98.62
		6	2437	14.88	16.50	
		11	2462	14.47	16.00	
	802.11n-HT20 MCS0	1	2412	13.32	15.00	98.62
		6	2437	13.57	15.50	
		11	2462	13.44	15.00	
	802.11n-HT40 MCS0	3	2422	11.85	13.50	94.93
		6	2437	12.49	13.50	
		9	2452	12.11	13.50	

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.15	17.00	98.28
		40	5200	15.95	17.50	
		44	5220	16.00	17.50	
		48	5240	15.96	17.50	
	802.11n-HT20 MCS0	36	5180	15.54	17.50	97.79
		40	5200	15.87	17.50	
		44	5220	15.81	17.50	
		48	5240	15.76	17.50	
	802.11n-HT40 MCS0	38	5190	12.87	14.50	96.32
		46	5230	14.08	15.50	
	802.11ac-VHT20 MCS0	36	5180	15.41	17.00	98.16
		40	5200	15.81	17.50	
		44	5220	15.75	17.50	
		48	5240	15.70	17.50	
	802.11ac-VHT40 MCS0	38	5190	12.98	14.50	96.32
		46	5230	16.07	17.50	
	802.11ac-VHT80 MCS0	42	5210	10.21	12.00	92.77

5GHz WLAN	Receiver On-For Head——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	13.50	98.28
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11n-HT20 MCS0	36	5180		13.50	97.79
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11n-HT40 MCS0	38	5190		13.50	96.32
		46	5230		13.50	
	802.11ac-VHT20 MCS0	36	5180		13.50	98.16
		40	5200		13.50	
		44	5220		13.50	
		48	5240		13.50	
	802.11ac-VHT40 MCS0	38	5190	11.74	13.50	96.32
		46	5230	11.84	13.50	
	802.11ac-VHT80 MCS0	42	5210	Not Required	12.00	92.77

5GHz WLAN	Receiver On -Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180		10.50	98.28
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT20 MCS0	36	5180		10.50	97.79
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11n-HT40 MCS0	38	5190		10.00	96.32
		46	5230		10.00	
	802.11ac-VHT20 MCS0	36	5180		10.50	98.16
		40	5200		10.50	
		44	5220		10.50	
		48	5240		10.50	
	802.11ac-VHT40 MCS0	38	5190		10.50	96.32
		46	5230		10.50	
	802.11ac-VHT80 MCS0	42	5210		10.00	92.77

5GHz WLAN	Hotspot On					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	14.00	98.28
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11n-HT20 MCS0	36	5180		14.00	97.79
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11n-HT40 MCS0	38	5190		13.50	96.32
		46	5230		13.50	
	802.11ac-VHT20 MCS0	36	5180		14.00	98.16
		40	5200		14.00	
		44	5220		14.00	
		48	5240		14.00	
	802.11ac-VHT40 MCS0	38	5190	12.31	14.00	96.32
		46	5230	12.49	14.00	
	802.11ac-VHT80 MCS0	42	5210	Not Required	13.50	92.77

5GHz WLAN	Receiver Off -For Body——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	15.15	17.00	98.28
		40	5200	15.95	17.50	
		44	5220	16.00	17.50	
		48	5240	15.96	17.50	
	802.11n-HT20 MCS0	36	5180	15.54	17.50	97.79
		40	5200	15.87	17.50	
		44	5220	15.81	17.50	
		48	5240	15.76	17.50	
	802.11n-HT40 MCS0	38	5190	12.87	14.50	96.32
		46	5230	14.08	15.50	
	802.11ac-VHT20 MCS0	36	5180	15.41	17.00	98.16
		40	5200	15.81	17.50	
		44	5220	15.75	17.50	
		48	5240	15.70	17.50	
	802.11ac-VHT40 MCS0	38	5190	12.98	14.50	96.32
		46	5230	16.07	17.50	
	802.11ac-VHT80 MCS0	42	5210	10.21	12.00	92.77

5GHz WLAN	Receiver Off-For Body Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	Not Required	15.50	98.28
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT20 MCS0	36	5180		15.50	97.79
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11n-HT40 MCS0	38	5190		14.50	96.32
		46	5230		15.50	
	802.11ac-VHT20 MCS0	36	5180		15.50	98.16
		40	5200		15.50	
		44	5220		15.50	
		48	5240		15.50	
	802.11ac-VHT40 MCS0	38	5190		14.50	96.32
		46	5230		15.50	
	802.11ac-VHT80 MCS0	42	5210		12.00	92.77

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.01	17.50	98.28
		56	5280	16.03	17.50	
		60	5300	16.05	17.50	
		64	5320	16.01	17.50	
	802.11n-HT20 MCS0	52	5260	15.72	17.50	97.79
		56	5280	15.86	17.50	
		60	5300	15.92	17.50	
		64	5320	15.93	17.50	
	802.11n-HT40 MCS0	54	5270	14.17	15.50	96.32
		62	5310	12.98	14.50	
	802.11ac-VHT20 MCS0	52	5260	15.67	17.50	98.16
		56	5280	15.82	17.50	
		60	5300	15.89	17.50	
		64	5320	15.87	17.50	
	802.11ac-VHT40 MCS0	54	5270	16.12	17.50	96.32
		62	5310	13.00	14.50	
	802.11ac-VHT80 MCS0	58	5290	10.91	12.50	92.77

5GHz WLAN	Receiver On-For Head——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	13.50	98.28
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT20 MCS0	52	5260		13.50	97.79
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11n-HT40 MCS0	54	5270		13.50	96.32
		62	5310		13.50	
	802.11ac-VHT20 MCS0	52	5260		13.50	98.16
		56	5280		13.50	
		60	5300		13.50	
		64	5320		13.50	
	802.11ac-VHT40 MCS0	54	5270	12.22	13.50	96.32
		62	5310	12.03	13.50	
	802.11ac-VHT80 MCS0	58	5290	Not Required	12.50	92.77

5GHz WLAN	Receiver On -Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	10.50	98.28
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT20 MCS0	52	5260		10.50	97.79
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11n-HT40 MCS0	54	5270		10.00	96.32
		62	5310		10.00	
	802.11ac-VHT20 MCS0	52	5260		10.50	98.16
		56	5280		10.50	
		60	5300		10.50	
		64	5320		10.50	
	802.11ac-VHT40 MCS0	54	5270	10.25	10.50	96.32
		62	5310	10.08	10.50	
	802.11ac-VHT80 MCS0	58	5290	Not Required	10.00	92.77

5GHz WLAN	Receiver Off -For Body——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	16.01	17.50	98.28
		56	5280	16.03	17.50	
		60	5300	16.05	17.50	
		64	5320	16.01	17.50	
	802.11n-HT20 MCS0	52	5260	15.72	17.50	97.79
		56	5280	15.86	17.50	
		60	5300	15.92	17.50	
		64	5320	15.93	17.50	
	802.11n-HT40 MCS0	54	5270	14.17	15.50	96.32
		62	5310	12.98	14.50	
	802.11ac-VHT20 MCS0	52	5260	15.67	17.50	98.16
		56	5280	15.82	17.50	
		60	5300	15.89	17.50	
		64	5320	15.87	17.50	
	802.11ac-VHT40 MCS0	54	5270	16.12	17.50	96.32
		62	5310	13.00	14.50	
	802.11ac-VHT80 MCS0	58	5290	10.91	12.50	92.77

5GHz WLAN	Receiver Off-For Body Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	Not Required	15.50	98.28
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT20 MCS0	52	5260		15.50	97.79
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11n-HT40 MCS0	54	5270		15.00	96.32
		62	5310		14.50	
	802.11ac-VHT20 MCS0	52	5260		15.50	98.16
		56	5280		15.50	
		60	5300		15.50	
		64	5320		15.50	
	802.11ac-VHT40 MCS0	54	5270	14.03	15.50	96.32
		62	5310	13.00	14.50	
	802.11ac-VHT80 MCS0	58	5290	Not Required	12.50	92.77

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	15.37	17.00	98.28
		116	5580	14.81	15.50	
		124	5620	14.74	15.50	
		132	5660	15.20	17.00	
		140	5700	15.39	17.00	
	802.11n-HT20 MCS0	100	5500	15.22	17.00	97.79
		116	5580	14.51	16.50	
		124	5620	14.54	16.50	
		132	5660	14.83	16.50	
		140	5700	14.79	16.50	
	802.11n-HT40 MCS0	102	5510	13.77	15.50	96.32
		110	5550	13.60	15.50	
		126	5630	13.38	15.00	
		134	5670	13.88	15.50	
	802.11ac-VHT20 MCS0	100	5500	15.17	17.00	98.16
		116	5580	14.45	16.00	
		124	5620	14.51	16.50	
		132	5660	14.76	16.50	
		140	5700	14.73	16.50	
	802.11ac-VHT40 MCS0	102	5510	13.78	15.50	96.32
		110	5550	14.88	16.50	
		126	5630	14.80	16.50	
		134	5670	15.23	17.00	
	802.11ac-VHT80 MCS0	106	5530	10.55	12.50	92.77
		122	5610	14.21	16.00	

5GHz WLAN	Receiver On-For Head——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	13.50	98.28
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11n-HT20 MCS0	100	5500		13.50	97.79
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11n-HT40 MCS0	102	5510		13.00	96.32
		110	5550		13.00	
		126	5630		13.00	
		134	5670		13.00	
	802.11ac-VHT20 MCS0	100	5500		13.50	98.16
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11ac-VHT40 MCS0	102	5510	11.54	13.50	96.32
		110	5550	11.82	13.50	
		126	5630	11.56	13.50	
		134	5670	12.29	13.50	
	802.11ac-VHT80 MCS0	106	5530	Not Required	12.50	92.77
		122	5610		13.00	

5GHz WLAN	Receiver On -Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	10.50	98.28
		116	5580		10.50	
		124	5620		10.50	
		132	5660		10.50	
		140	5700		10.50	
	802.11n-HT20 MCS0	100	5500		10.50	97.79
		116	5580		10.50	
		124	5620		10.50	
		132	5660		10.50	
		140	5700		10.50	
	802.11n-HT40 MCS0	102	5510		10.00	96.32
		110	5550		10.00	
		126	5630		10.00	
		134	5670		10.00	
	802.11ac-VHT20 MCS0	100	5500		10.50	98.16
		116	5580		10.50	
		124	5620		10.50	
		132	5660		10.50	
		140	5700		10.50	
	802.11ac-VHT40 MCS0	102	5510	9.08	10.50	96.32
		110	5550	9.22	10.50	
		126	5630	9.17	10.50	
		134	5670	9.81	10.50	
	802.11ac-VHT80 MCS0	106	5530	Not Required	10.00	92.77
		122	5610		10.00	

5GHz WLAN	Receiver Off -For Body——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	15.00	98.28
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11n-HT20 MCS0	100	5500		15.00	97.79
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11n-HT40 MCS0	102	5510		15.00	96.32
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
	802.11ac-VHT20 MCS0	100	5500		15.00	98.16
		116	5580		15.00	
		124	5620		15.00	
		132	5660		15.00	
		140	5700		15.00	
	802.11ac-VHT40 MCS0	102	5510		15.00	96.32
		110	5550		15.00	
		126	5630		15.00	
		134	5670		15.00	
	802.11ac-VHT80 MCS0	106	5530	10.55	12.50	92.77
		122	5610	13.31	15.00	

5GHz WLAN	Receiver Off-For Body Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	Not Required	13.50	98.28
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11n-HT20 MCS0	100	5500		13.50	97.79
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11n-HT40 MCS0	102	5510		13.50	96.32
		110	5550		13.50	
		126	5630		13.50	
		134	5670		13.50	
	802.11ac-VHT20 MCS0	100	5500		13.50	98.16
		116	5580		13.50	
		124	5620		13.50	
		132	5660		13.50	
		140	5700		13.50	
	802.11ac-VHT40 MCS0	102	5510		13.50	96.32
		110	5550		13.50	
		126	5630		13.50	
		134	5670		13.50	
	802.11ac-VHT80 MCS0	106	5530	10.55	12.50	92.77
		122	5610	12.01	13.50	

5GHz WLAN	Full Power					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	14.66	16.50	98.28
		157	5785	14.41	16.00	
		165	5825	14.31	16.00	
	802.11n-HT20 MCS0	149	5745	14.12	16.00	97.79
		157	5785	14.25	16.00	
		165	5825	14.14	16.00	
	802.11n-HT40 MCS0	151	5755	13.84	15.50	96.32
		159	5795	13.63	15.50	
	802.11ac-VHT20 MCS0	149	5745	14.07	16.00	98.16
		157	5785	14.16	16.00	
		165	5825	14.09	16.00	
	802.11ac-VHT40 MCS0	151	5755	14.79	16.50	96.32
		159	5795	14.58	16.50	
	802.11ac-VHT80 MCS0	155	5775	14.35	16.00	92.77

5GHz WLAN	Receiver On-For Head——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	13.50	98.28
		157	5785		13.50	
		165	5825		13.50	
	802.11n-HT20 MCS0	149	5745		13.50	97.79
		157	5785		13.50	
		165	5825		13.50	
	802.11n-HT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT20 MCS0	149	5745		13.50	98.16
		157	5785		13.50	
		165	5825		13.50	
	802.11ac-VHT40 MCS0	151	5755	11.95	13.50	96.32
		159	5795	11.79	13.50	
	802.11ac-VHT80 MCS0	155	5775	Not Required	13.00	92.77

5GHz WLAN	Receiver On -Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	11.00	98.28
		157	5785		11.00	
		165	5825		11.00	
	802.11n-HT20 MCS0	149	5745		11.00	97.79
		157	5785		11.00	
		165	5825		11.00	
	802.11n-HT40 MCS0	151	5755		10.50	96.32
		159	5795		10.50	
	802.11ac-VHT20 MCS0	149	5745		11.00	98.16
		157	5785		11.00	
		165	5825		11.00	
	802.11ac-VHT40 MCS0	151	5755	10.44	11.00	96.32
		159	5795	10.38	11.00	
	802.11ac-VHT80 MCS0	155	5775	Not Required	10.50	92.77

5GHz WLAN	Hotspot					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	13.00	98.28
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT20 MCS0	149	5745		13.00	97.79
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT20 MCS0	149	5745		13.00	98.16
		157	5785		13.00	
		165	5825		13.00	
	802.11ac-VHT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT80 MCS0	155	5775	11.38	13.00	92.77

5GHz WLAN	Receiver Off -For Body——Standalone					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	13.00	98.28
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT20 MCS0	149	5745		13.00	97.79
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT20 MCS0	149	5745		13.00	98.16
		157	5785		13.00	
		165	5825		13.00	
	802.11ac-VHT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT80 MCS0	155	5775	11.38	13.00	92.77

5GHz WLAN	Receiver Off-For Body Simultaneous transmission					
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	Not Required	13.00	98.28
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT20 MCS0	149	5745		13.00	97.79
		157	5785		13.00	
		165	5825		13.00	
	802.11n-HT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT20 MCS0	149	5745		13.00	98.16
		157	5785		13.00	
		165	5825		13.00	
	802.11ac-VHT40 MCS0	151	5755		13.00	96.32
		159	5795		13.00	
	802.11ac-VHT80 MCS0	155	5775	11.38	13.00	92.77

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	11.25	9.26	9.25
	CH 39	2441	10.49	8.20	7.99
	CH 78	2480	11.14	9.06	9.46
Tune-up Limit			12	10	10

BLE 4.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
			GFSK
LE	CH 00	2402	5.64
	CH 19	2440	5.24
	CH 39	2480	6.80
Tune-up Limit			7

BLE 5.0

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.42
	CH 19	2440	4.94
	CH 39	2480	6.53
Tune-up Limit			7