

Band 5_Ant 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				20460	20520	20600			
Frequency (MHz)				829	836.5	844			
10	QPSK	1	0	24.49	24.49	24.24	25.2		
10	QPSK	1	25	24.36	24.27	24.25			
10	QPSK	1	49	24.30	24.26	24.24			
10	QPSK	25	0	23.62	23.63	23.45			
10	QPSK	25	12	23.60	23.49	23.38	24.2		
10	QPSK	25	25	23.60	23.45	23.34			
10	QPSK	50	0	23.56	23.60	23.45			
10	16QAM	1	0	23.80	23.61	23.71			
10	16QAM	1	25	23.70	23.57	23.59	24.2		
10	16QAM	1	49	23.72	23.72	23.50			
10	16QAM	25	0	22.58	22.43	22.47			
10	16QAM	25	12	22.60	22.46	22.40			
10	16QAM	25	25	22.58	22.41	22.42	23.2		
10	16QAM	50	0	22.65	22.48	22.44			
10	64QAM	1	0	22.75	22.68	22.72			
10	64QAM	1	25	22.77	22.62	22.75			
10	64QAM	1	49	22.69	22.73	22.54	23.2		
10	64QAM	25	0	21.59	21.50	21.49			
10	64QAM	25	12	21.56	21.51	21.41			
10	64QAM	25	25	21.59	21.45	21.45			
10	64QAM	50	0	21.61	21.54	21.57	22.2		
10	256QAM	1	0	19.74	19.64	19.69			
10	256QAM	1	25	19.59	19.70	19.57			
10	256QAM	1	49	19.57	19.60	19.50			
10	256QAM	25	0	19.63	19.69	19.66	20.2		
10	256QAM	25	12	19.66	19.64	19.52			
10	256QAM	25	25	19.64	19.54	19.54			
10	256QAM	50	0	19.62	19.62	19.61			
Channel				825.5	836.5	846.5	Tune-up limit (dBm)		
Frequency (MHz)				825.5	836.5	846.5			
5	QPSK	1	0	24.31	24.31	24.29	25.2		
5	QPSK	1	12	24.30	24.28	24.27			
5	QPSK	1	24	24.34	24.18	24.15			
5	QPSK	12	0	23.41	23.23	23.35			
5	QPSK	12	7	23.41	23.23	23.30	24.2		
5	QPSK	12	13	23.35	23.31	23.31			
5	QPSK	25	0	23.41	23.27	23.36			
5	16QAM	1	0	23.54	23.48	23.63			
5	16QAM	1	12	23.61	23.58	23.59	24.2		
5	16QAM	1	24	23.61	23.58	23.45			
5	16QAM	12	0	22.42	22.35	22.40			
5	16QAM	12	7	22.45	22.42	22.32			
5	16QAM	12	13	22.38	22.37	22.34	23.2		
5	16QAM	25	0	22.40	22.34	22.29			
5	64QAM	1	0	22.56	22.52	22.56			
5	64QAM	1	12	22.38	22.37	22.39			
5	64QAM	1	24	22.58	22.45	22.48	23.2		
5	64QAM	12	0	21.50	21.40	21.40			
5	64QAM	12	7	21.50	21.45	21.36			
5	64QAM	12	13	21.39	21.48	21.39			
5	64QAM	25	0	21.38	21.38	21.31	22.2		
5	256QAM	1	0	19.71	19.57	19.64			
5	256QAM	1	12	19.48	19.75	19.45			
5	256QAM	1	24	19.55	19.62	19.48			
5	256QAM	12	0	19.66	19.63	19.70	20.2		
5	256QAM	12	7	19.61	19.52	19.51			
5	256QAM	12	13	19.55	19.48	19.52			
5	256QAM	25	0	19.31	19.58	19.49			
Channel				825.5	836.5	847.5	Tune-up limit (dBm)		
Frequency (MHz)				825.5	836.5	847.5			
3	QPSK	1	0	24.34	24.27	24.30	25.2		
3	QPSK	1	8	24.24	24.26	24.19			
3	QPSK	1	14	24.32	24.27	24.22			
3	QPSK	8	0	23.35	23.24	23.35			
3	QPSK	8	4	23.41	23.32	23.24	24.2		
3	QPSK	8	7	23.35	23.33	23.30			
3	QPSK	15	0	23.34	23.26	23.33			
3	16QAM	1	0	23.67	23.54	23.60			
3	16QAM	1	8	23.59	23.50	23.51	24.2		
3	16QAM	1	14	23.65	23.56	23.46			
3	16QAM	8	0	22.45	22.39	22.40			
3	16QAM	8	4	22.41	22.35	22.44			
3	16QAM	8	7	22.45	22.50	22.49	23.2		
3	16QAM	15	0	22.43	22.34	22.42			
3	64QAM	1	0	22.67	22.60	22.59			
3	64QAM	1	8	22.63	22.55	22.53			
3	64QAM	1	14	22.52	22.57	22.51	23.2		
3	64QAM	8	0	21.38	21.42	21.45			
3	64QAM	8	4	21.37	21.43	21.45			
3	64QAM	8	7	21.48	21.51	21.47			
3	64QAM	15	0	21.41	21.48	21.48	22.2		
3	256QAM	1	0	19.70	19.66	19.61			
3	256QAM	1	8	19.55	19.77	19.60			
3	256QAM	1	14	19.61	19.57	19.44			
3	256QAM	8	0	19.56	19.60	19.63	20.2		
3	256QAM	8	4	19.60	19.59	19.49			
3	256QAM	8	7	19.49	19.56	19.44			
3	256QAM	15	0	19.68	19.62	19.52			
Channel				20407	20525	20643	Tune-up limit (dBm)		
Frequency (MHz)				824.7	836.5	848.3			
1.4	QPSK	1	0	24.32	24.26	24.30	25.2		
1.4	QPSK	1	3	24.22	24.31	24.18			
1.4	QPSK	1	5	24.23	24.32	24.20			
1.4	QPSK	3	0	24.24	24.29	24.28			
1.4	QPSK	3	1	24.27	24.25	24.22	24.2		
1.4	QPSK	3	3	24.23	24.26	24.22			
1.4	QPSK	6	0	23.21	23.30	23.27			
1.4	16QAM	1	0	23.56	23.54	23.48			
1.4	16QAM	1	3	23.44	23.48	23.34	24.2		
1.4	16QAM	1	5	23.55	23.51	23.44			
1.4	16QAM	3	0	23.33	23.46	23.33			
1.4	16QAM	3	1	23.43	23.44	23.33			
1.4	16QAM	3	3	23.42	23.44	23.37	23.2		
1.4	16QAM	6	0	22.37	22.33	22.38			
1.4	64QAM	1	0	22.43	22.49	22.47			
1.4	64QAM	1	3	22.41	22.52	22.46			
1.4	64QAM	1	5	22.53	22.60	22.55	23.2		
1.4	64QAM	3	0	22.38	22.47	22.41			
1.4	64QAM	3	1	22.36	22.48	22.48			
1.4	64QAM	3	3	22.42	22.48	22.39			
1.4	64QAM	6	0	21.39	21.37	21.33	22.2		
1.4	256QAM	1	0	19.55	19.57	19.59			
1.4	256QAM	1	3	19.49	19.70	19.41			
1.4	256QAM	1	5	19.44	19.58	19.43			
1.4	256QAM	3	0	19.64	19.60	19.71	20.2		
1.4	256QAM	3	1	19.68	19.51	19.53			
1.4	256QAM	3	3	19.63	19.56	19.51			
1.4	256QAM	6	0	19.67	19.58	19.52			

Band 12_Ant 1											
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up (dBm)				
Channel				23060	23095	23130					
Frequency (MHz)				704	707.5	711					
10	QPSK	1	0	23.87	23.94	23.89	25.2				
10	QPSK	1	25	23.80	23.93	23.89					
10	QPSK	1	49	23.86	23.93	23.89					
10	QPSK	25	0	23.02	23.07	23.02	24.2				
10	QPSK	25	12	23.00	23.03	23.00					
10	QPSK	25	25	23.02	22.99	22.94					
10	QPSK	50	0	23.01	23.09	22.98	24.2				
10	16QAM	1	0	23.26	23.30	23.26					
10	16QAM	1	25	23.25	23.25	23.20					
10	16QAM	1	49	23.33	23.24	23.28	23.2				
10	16QAM	25	0	22.00	22.03	21.94					
10	16QAM	25	12	21.96	22.10	21.98					
10	16QAM	25	25	22.03	22.02	22.07	23.2				
10	16QAM	50	0	22.16	22.18	22.19					
10	64QAM	1	0	22.16	22.18	22.19	23.2				
10	64QAM	1	25	22.26	22.26	22.16					
10	64QAM	1	49	22.32	22.19	22.18					
10	64QAM	25	0	21.06	21.03	21.05	22.2				
10	64QAM	25	12	21.09	21.14	21.04					
10	64QAM	25	25	21.05	21.13	21.04					
10	64QAM	50	0	21.08	21.16	21.05	20.2				
10	256QAM	1	0	19.37	19.26	19.35					
10	256QAM	1	25	19.23	19.32	19.31					
10	256QAM	1	49	19.22	19.16	19.24	20.2				
10	256QAM	25	0	19.52	19.54	19.51					
10	256QAM	25	12	19.41	19.43	19.40					
10	256QAM	25	25	19.43	19.44	19.46	20.2				
10	256QAM	50	0	19.43	19.38	19.37					
Channel				23075	23102	23135	Tune-up (dBm)				
Frequency (MHz)				701.5	707.5	713.5					
5	QPSK	1	0	23.86	23.88	23.89	25.2				
5	QPSK	1	12	23.87	23.88	23.89					
5	QPSK	1	24	23.84	23.88	23.86					
5	QPSK	12	0	22.86	23.88	23.84	24.2				
5	QPSK	12	7	22.96	23.05	23.02					
5	QPSK	12	13	22.99	23.03	22.94					
5	QPSK	25	0	22.85	22.99	22.95	24.2				
5	16QAM	1	0	23.14	23.24	23.16					
5	16QAM	1	12	23.28	23.33	23.31					
5	16QAM	1	24	23.32	23.24	23.17	23.2				
5	16QAM	12	0	21.85	22.00	21.89					
5	16QAM	12	7	21.98	22.06	22.03					
5	16QAM	12	13	22.03	21.99	21.96	23.2				
5	16QAM	25	0	21.88	22.05	21.88					
5	64QAM	1	0	22.14	22.16	22.04					
5	64QAM	1	12	22.01	22.02	22.07	23.2				
5	64QAM	1	24	22.18	22.16	22.14					
5	64QAM	12	0	21.02	21.04	21.02					
5	64QAM	12	7	21.08	20.99	20.99	22.2				
5	64QAM	12	13	21.14	21.10	21.03					
5	64QAM	25	0	21.04	21.08	21.01					
5	256QAM	1	0	19.38	19.25	19.39	20.2				
5	256QAM	1	12	19.22	19.28	19.22					
5	256QAM	1	24	19.19	19.09	19.14					
5	256QAM	12	0	19.46	19.55	19.48	20.2				
5	256QAM	12	7	19.34	19.43	19.34					
5	256QAM	12	13	19.37	19.41	19.42					
5	256QAM	25	0	19.26	19.41	19.26	Tune-up (dBm)				
Channel				23095	23095	23105					
Frequency (MHz)				700.5	707.5	714.5					
3	QPSK	1	0	23.86	23.88	23.88	25.2				
3	QPSK	1	8	23.86	23.88	23.90					
3	QPSK	1	14	23.84	23.86	23.86					
3	QPSK	8	0	22.96	22.92	22.96	24.2				
3	QPSK	8	4	22.91	22.94	22.96					
3	QPSK	8	7	22.99	22.99	22.92					
3	QPSK	15	0	22.86	23.02	22.89	24.2				
3	16QAM	1	0	23.23	23.31	23.18					
3	16QAM	1	8	23.20	23.24	23.10					
3	16QAM	1	14	23.31	23.26	23.23	24.2				
3	16QAM	8	0	22.02	22.07	21.97					
3	16QAM	8	4	22.05	22.07	22.09					
3	16QAM	8	7	22.10	22.11	22.02	23.2				
3	16QAM	15	0	22.07	22.00	22.08					
3	QPSK	1	0	22.21	22.18	22.22					
3	64QAM	1	8	22.26	22.11	22.13	23.2				
3	64QAM	1	14	22.32	22.15	22.20					
3	64QAM	8	0	21.06	21.03	21.05					
3	64QAM	8	4	21.13	21.11	21.05	22.2				
3	64QAM	8	7	21.09	21.13	21.05					
3	64QAM	15	0	21.02	21.11	21.01					
3	256QAM	1	0	19.24	19.21	19.21	20.2				
3	256QAM	1	8	19.08	19.07	19.10					
3	256QAM	1	14	19.01	19.94	19.99					
3	256QAM	8	0	19.36	19.31	19.26	20.2				
3	256QAM	8	4	19.22	19.25	19.17					
3	256QAM	8	7	19.15	19.16	19.17					
3	256QAM	15	0	19.09	19.27	19.17	Tune-up (dBm)				
Channel				23017	23095	23173					
Frequency (MHz)				699.7	707.5	715.3					
1.4	QPSK	1	0	23.84	23.84	23.90	25.2				
1.4	QPSK	1	3	23.87	23.89	23.85					
1.4	QPSK	1	5	23.85	23.90	23.91					
1.4	QPSK	3	0	23.84	23.85	23.84	24.2				
1.4	QPSK	3	1	23.88	23.87	23.90					
1.4	QPSK	3	3	23.81	23.88	23.84					
1.4	QPSK	6	0	22.98	22.92	22.99	24.2				
1.4	16QAM	1	0	23.24	23.30	23.15					
1.4	16QAM	1	3	23.11	23.15	23.02					
1.4	16QAM	1	5	23.26	23.18	23.18	24.2				
1.4	16QAM	3	0	23.08	23.02	23.07					
1.4	16QAM	3	1	23.12	23.13	23.08					
1.4	16QAM	3	3	23.13	23.08	23.04	23.2				
1.4	16QAM	6	0	22.02	22.01	22.02					
1.4	64QAM	1	0	22.02	22.12	22.13					
1.4	64QAM	1	3	22.09	22.04	22.10	23.2				
1.4	64QAM	1	5	22.27	22.17	22.15					
1.4	64QAM	3	0	22.13	22.06	22.11					
1.4	64QAM	3	1	22.07	22.10	22.03	23.2				
1.4	64QAM	3	3	22.07	22.10	22.08					
1.4	64QAM	6	0	21.09	20.96	20.96					
1.4	256QAM	1	0	19.20	19.17	19.13	20.2				
1.4	256QAM	1	3	18.96	19.03	19.15					
1.4	256QAM	1	5	19.02	19.90	19.93					
1.4	256QAM	3	0	19.29	19.20	19.16	20.2				
1.4	256QAM	3	1	19.13	19.21	19.16					
1.4	256QAM	3	3	19.10	19.10	19.20					
1.4	256QAM	6	0	18.95	19.19	19.08	20.2				

Band 13_Ant 1								
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq.	Power Middle Ch / Freq.	Power High Ch / Freq.	Tune-up (dbm)	
Channel				23230				
Frequency (MHz)				762				
10	QPSK	1	0		24.02		25.2	
10	QPSK	1	25		23.89			
10	QPSK	1	49		23.97			
10	QPSK	25	0		23.12		24.2	
10	QPSK	25	12		23.11			
10	QPSK	25	25		23.03			
10	QPSK	50	0		23.14		24.2	
10	16QAM	1	0		23.30			
10	16QAM	1	25		23.34			
10	16QAM	1	49		23.27		23.2	
10	16QAM	25	0		22.07			
10	16QAM	25	12		22.07			
10	16QAM	25	25		22.11		23.2	
10	16QAM	50	0		22.10			
10	64QAM	1	0		22.23			
10	64QAM	1	25		22.26		23.2	
10	64QAM	1	49		22.20			
10	64QAM	25	0		21.11			
10	64QAM	25	12		21.09		22.2	
10	64QAM	25	25		21.06			
10	64QAM	50	0		21.12			
10	256QAM	1	0		19.48		20.2	
10	256QAM	1	25		19.53			
10	256QAM	1	49		19.39			
10	256QAM	25	0		19.47		20.2	
10	256QAM	25	12		19.50			
10	256QAM	25	25		19.40			
10	256QAM	50	0		19.44		Tune-up (dbm)	
Channel				23205				
Frequency (MHz)				779.5				
5	QPSK	1	0	24.00	23.96	23.98	25.2	
5	QPSK	1	12	23.99	23.98	24.01		
5	QPSK	1	24	23.97	23.90	23.99		
5	QPSK	12	0	23.09	23.95	22.95	24.2	
5	QPSK	12	7	23.07	23.06	23.02		
5	QPSK	12	13	23.03	23.03	23.01		
5	QPSK	25	0	23.01	22.92	22.98	24.2	
5	16QAM	1	0	23.31	23.27	23.26		
5	16QAM	1	12	23.25	23.30	23.30		
5	16QAM	1	24	23.39	23.37	23.30	23.2	
5	16QAM	12	0	22.02	22.14	22.18		
5	16QAM	12	7	22.09	22.05	22.12		
5	16QAM	12	13	22.14	22.05	22.15	23.2	
5	16QAM	25	0	22.13	22.07	22.03		
5	64QAM	1	0	22.12	22.20	22.16		
5	64QAM	1	12	22.06	22.09	22.04	23.2	
5	64QAM	1	24	22.27	22.28	22.18		
5	64QAM	12	0	21.08	21.12	21.07		
5	64QAM	12	7	21.11	21.13	21.10	22.2	
5	64QAM	12	13	21.13	21.17	21.09		
5	64QAM	25	0	21.10	21.07	21.04		
5	256QAM	1	0	19.30	19.40	19.29	20.2	
5	256QAM	1	12	19.34	19.42	19.36		
5	256QAM	1	24	19.25	19.27	19.24		
5	256QAM	12	0	19.35	19.43	19.41	20.2	
5	256QAM	12	7	19.25	19.39	19.23		
5	256QAM	12	13	19.38	19.43	19.36		
5	256QAM	25	0	19.40	19.32	19.33		

Band 14_Ant 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				233.9				
Frequency (MHz)				793				
10	QPSK	1	0		23.94		25.2	
10	QPSK	1	25		23.79			
10	QPSK	1	49		23.62			
10	QPSK	25	0		22.97		24.2	
10	QPSK	25	12		22.91			
10	QPSK	25	25		22.87			
10	QPSK	50	0		23.01		24.2	
10	16QAM	1	0		23.19			
10	16QAM	1	25		23.25			
10	16QAM	1	49		23.20		23.2	
10	16QAM	25	0		21.98			
10	16QAM	25	12		21.94			
10	16QAM	25	25		21.92		23.2	
10	16QAM	50	0		22.04			
10	64QAM	1	0		22.04			
10	64QAM	1	25		22.11		23.2	
10	64QAM	1	49		22.13			
10	64QAM	25	0		20.97			
10	64QAM	25	12		21.05		22.2	
10	64QAM	25	25		21.01			
10	64QAM	50	0		21.03			
10	256QAM	1	0		19.12		20.2	
10	256QAM	1	25		19.29			
10	256QAM	1	49		19.19			
10	256QAM	25	0		19.25		20.2	
10	256QAM	25	12		19.25			
10	256QAM	25	25		19.14			
10	256QAM	50	0		19.23		Tune-up limit (dBm)	
Channel				233.95				
Frequency (MHz)				790.5				
5	QPSK	1	0	23.80	23.88	23.90	25.2	
5	QPSK	1	12	23.83	23.90	23.90		
5	QPSK	1	24	23.80	23.85	23.85		
5	QPSK	12	0	22.85	22.94	22.93	24.2	
5	QPSK	12	7	22.89	22.93	22.90		
5	QPSK	12	13	22.86	22.86	22.94		
5	QPSK	25	0	22.83	22.90	22.94	24.2	
5	16QAM	1	0	23.02	23.15	23.21		
5	16QAM	1	12	23.17	23.23	23.23		
5	16QAM	1	24	23.22	23.17	23.19	23.2	
5	16QAM	12	0	21.96	22.01	22.04		
5	16QAM	12	7	22.03	21.94	21.99		
5	16QAM	12	13	21.99	21.97	22.05	23.2	
5	16QAM	25	0	21.87	21.91	22.00		
5	64QAM	1	0	22.01	22.07	22.10		
5	64QAM	1	12	21.85	21.96	21.97	22.2	
5	64QAM	1	24	22.13	22.05	22.00		
5	64QAM	12	0	20.94	20.97	21.00		
5	64QAM	12	7	21.04	21.01	21.08	22.2	
5	64QAM	12	13	21.05	20.98	20.97		
5	64QAM	25	0	20.94	20.95	21.03		
5	256QAM	1	0	19.17	19.11	19.14	20.2	
5	256QAM	1	12	19.19	19.16	19.22		
5	256QAM	1	24	19.21	19.13	19.18		
5	256QAM	12	0	19.15	19.28	19.12	20.2	
5	256QAM	12	7	19.14	19.19	19.20		
5	256QAM	12	13	19.15	19.09	19.10		
5	256QAM	25	0	19.26	19.13	19.26		

Band 17_Ant 1									
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Time (limit (min))		
Channel				23780	23790	23800			
Frequency (MHz)				706	710	714			
10	QPSK	1	0	23.97	23.99	23.94	25.2		
10	QPSK	1	25	23.92	23.94	23.84			
10	QPSK	1	49	23.94	23.98	23.96			
10	QPSK	25	0	22.99	23.07	23.05			
10	QPSK	25	12	23.01	23.06	23.05			
10	QPSK	25	25	23.03	23.06	23.01	24.2		
10	QPSK	50	0	23.02	23.10	22.99			
10	16QAM	1	0	23.28	23.36	23.29			
10	16QAM	1	25	23.26	23.28	23.22			
10	16QAM	1	49	23.28	23.28	23.26			
10	16QAM	25	0	22.01	21.98	21.96	23.2		
10	16QAM	25	12	22.06	22.06	21.96			
10	16QAM	25	25	22.10	22.05	21.99			
10	16QAM	50	0	22.15	22.15	22.06			
10	64QAM	1	0	22.28	22.12	22.16			
10	64QAM	1	25	22.17	22.10	22.13	23.2		
10	64QAM	1	49	22.20	22.22	22.21			
10	64QAM	25	0	21.07	21.12	21.02			
10	64QAM	25	12	21.00	21.02	21.02			
10	64QAM	25	25	21.13	21.13	21.02			
10	64QAM	50	0	21.13	21.16	21.08	22.2		
10	256QAM	1	0	19.28	19.19	19.35			
10	256QAM	1	25	19.23	19.28	19.22			
10	256QAM	1	49	19.10	19.13	19.16			
10	256QAM	25	0	19.44	19.41	19.45			
10	256QAM	25	12	19.34	19.36	19.38	20.2		
10	256QAM	25	25	19.33	19.29	19.34			
10	256QAM	50	0	19.41	19.40	19.33			
Channel				706.5	710	713.5	Time (limit (min))		
Frequency (MHz)				706.5	710	713.5			
5	QPSK	1	0	23.92	23.96	23.91	25.2		
5	QPSK	1	12	23.98	23.95	23.97			
5	QPSK	1	24	23.90	23.93	23.86			
5	QPSK	12	0	22.95	23.01	22.99			
5	QPSK	12	7	23.05	23.03	22.96			
5	QPSK	12	13	22.97	23.04	22.93	24.2		
5	QPSK	25	0	23.00	23.00	22.94			
5	16QAM	1	0	23.15	23.30	23.19			
5	16QAM	1	12	23.29	23.41	23.20			
5	16QAM	1	24	23.21	23.30	23.12			
5	16QAM	12	0	22.05	22.04	21.96	23.2		
5	16QAM	12	7	21.98	22.09	22.04			
5	16QAM	12	13	22.08	22.16	22.03			
5	16QAM	25	0	22.01	22.03	21.98			
5	64QAM	1	0	22.13	22.21	22.14			
5	64QAM	1	24	22.13	22.23	22.13	23.2		
5	64QAM	12	0	21.02	21.11	21.04			
5	64QAM	12	7	21.07	21.13	21.05			
5	64QAM	12	13	21.02	21.06	20.97			
5	64QAM	25	0	21.04	21.11	21.03			
5	256QAM	1	0	19.34	19.22	19.26	22.2		
5	256QAM	1	12	19.19	19.18	19.21			
5	256QAM	1	24	19.06	19.04	19.12			
5	256QAM	12	0	19.45	19.36	19.38			
5	256QAM	12	7	19.29	19.31	19.30			
5	256QAM	12	13	19.25	19.21	19.39	20.2		
5	256QAM	25	0	19.41	19.27	19.30			



Band 26_Ant 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				26765	26965	26965					
Frequency (MHz)				831.5	831.5	841.5					
15	QPSK	1	0	24.52	24.55	24.34	25.2				
15	QPSK	1	37	24.25	24.28	24.13					
15	QPSK	1	74	24.48	24.33	24.04					
15	QPSK	36	0	23.46	23.54	23.37	24.2				
15	QPSK	36	20	23.47	23.36	23.26					
15	QPSK	36	39	23.48	23.30	23.29					
15	QPSK	75	0	23.52	23.47	23.29	24.2				
15	16QAM	1	0	23.79	23.79	23.66					
15	16QAM	1	37	23.42	23.37	23.70					
15	16QAM	1	74	23.59	23.56	23.46	23.2				
15	16QAM	36	0	22.56	22.40	22.18					
15	16QAM	36	20	22.56	22.41	22.16					
15	16QAM	36	39	22.42	22.30	22.28	23.2				
15	16QAM	75	0	22.41	22.32	22.27					
15	64QAM	1	0	22.51	22.72	22.53	23.2				
15	64QAM	1	37	22.57	22.52	22.36					
15	64QAM	1	74	22.70	22.62	22.17					
15	64QAM	36	0	21.43	21.35	21.33	22.2				
15	64QAM	36	20	21.46	21.48	21.28					
15	64QAM	36	39	21.48	21.50	21.28					
15	64QAM	75	0	21.42	21.31	21.29	20.2				
15	256QAM	1	0	18.58	19.68	19.61					
15	256QAM	1	37	19.53	19.68	19.38					
15	256QAM	1	74	19.57	19.51	19.56	20.2				
15	256QAM	36	0	19.54	19.75	19.54					
15	256QAM	36	20	19.55	19.45	19.46					
15	256QAM	36	39	19.46	19.49	19.40	20.2				
15	256QAM	75	0	19.56	19.59	19.63					
Channel				819	831.5	844	Tune-up limit (dBm)				
Frequency (MHz)				819	831.5	844					
10	QPSK	1	0	24.26	24.12	24.15	25.2				
10	QPSK	1	25	23.97	24.02	24.11					
10	QPSK	1	49	24.23	24.04	23.90					
10	QPSK	25	0	23.34	23.14	23.11	24.2				
10	QPSK	25	12	23.25	23.18	23.12					
10	QPSK	25	25	23.26	23.20	22.99					
10	QPSK	50	0	23.32	23.20	23.15	24.2				
10	16QAM	1	0	23.67	23.57	23.02					
10	16QAM	1	25	22.96	23.52	22.91					
10	16QAM	1	49	23.53	23.37	23.06	23.2				
10	16QAM	25	0	22.26	22.22	22.25					
10	16QAM	25	12	22.35	22.30	22.09					
10	16QAM	25	25	22.29	22.10	22.10	23.2				
10	16QAM	50	0	22.29	22.27	22.28					
10	64QAM	1	0	22.79	22.23	22.24					
10	64QAM	1	25	22.24	22.36	22.44	22.2				
10	64QAM	1	49	22.45	22.26	22.53					
10	64QAM	25	0	21.33	21.36	21.25					
10	64QAM	25	12	21.39	21.37	21.16	20.2				
10	64QAM	25	25	21.30	21.28	21.12					
10	64QAM	50	0	21.35	21.24	21.11					
10	256QAM	1	0	18.67	19.67	19.63	20.2				
10	256QAM	1	25	19.60	19.72	19.38					
10	256QAM	1	49	19.65	19.53	19.54					
10	256QAM	25	0	19.59	19.76	19.57	20.2				
10	256QAM	25	12	19.42	19.50	19.44					
10	256QAM	25	25	19.55	19.51	19.40					
10	256QAM	50	0	19.61	19.64	19.61	Tune-up limit (dBm)				
Channel				26715	26965	27035					
Frequency (MHz)				816.5	831.5	846.5					
5	QPSK	1	0	24.25	24.15	24.08	25.2				
5	QPSK	1	12	24.27	24.20	24.10					
5	QPSK	1	24	24.18	24.27	24.09					
5	QPSK	12	0	23.30	23.32	23.15	24.2				
5	QPSK	12	7	23.38	23.23	23.13					
5	QPSK	12	13	23.20	23.23	23.03					
5	QPSK	25	0	23.23	23.16	23.06	24.2				
5	16QAM	1	0	23.17	23.20	23.45					
5	16QAM	1	12	23.85	23.68	23.33					
5	16QAM	1	24	23.44	23.72	23.61	23.2				
5	16QAM	12	0	22.22	22.40	22.96					
5	16QAM	12	7	22.17	22.45	22.11					
5	16QAM	12	13	22.30	22.29	22.19	23.2				
5	16QAM	25	0	22.29	22.24	22.10					
5	64QAM	1	0	22.56	22.46	22.88					
5	64QAM	1	12	22.51	22.54	22.22	22.2				
5	64QAM	1	24	22.38	22.53	22.50					
5	64QAM	12	0	21.45	21.36	21.34					
5	64QAM	12	7	21.46	21.51	21.28	20.2				
5	64QAM	12	13	21.36	21.26	21.22					
5	64QAM	25	0	21.20	21.14	21.09					
5	256QAM	1	0	18.64	19.56	19.58	20.2				
5	256QAM	1	12	19.54	19.71	19.40					
5	256QAM	1	24	19.54	19.52	19.58					
5	256QAM	12	0	19.58	19.72	19.62	20.2				
5	256QAM	12	7	19.53	19.52	19.40					
5	256QAM	12	13	19.57	19.47	19.35					
5	256QAM	25	0	19.63	19.56	19.50	Tune-up limit (dBm)				
Channel				26705	26965	27035					
Frequency (MHz)				816.5	831.5	847.5					
3	QPSK	1	0	24.02	24.26	24.16	25.2				
3	QPSK	1	8	24.06	24.18	23.86					
3	QPSK	1	14	24.14	24.12	23.96					
3	QPSK	8	0	23.21	23.10	23.15	24.2				
3	QPSK	8	4	23.10	23.25	23.08					
3	QPSK	8	7	23.24	23.19	23.05					
3	QPSK	16	0	23.22	23.15	23.09	24.2				
3	16QAM	1	0	23.93	23.22	23.24					
3	16QAM	1	8	23.63	23.61	23.25					
3	16QAM	1	14	23.62	23.30	23.17	23.2				
3	16QAM	8	0	22.27	22.28	22.16					
3	16QAM	8	4	22.30	22.34	22.28					
3	16QAM	8	7	22.46	22.28	22.20	23.2				
3	16QAM	15	0	22.23	22.18	22.11					
3	64QAM	1	0	22.52	22.14	22.21					
3	64QAM	1	8	22.62	22.48	22.20	22.2				
3	64QAM	1	14	22.30	22.59	22.14					
3	64QAM	8	0	21.33	21.33	21.22					
3	64QAM	8	4	21.31	21.39	21.21	20.2				
3	64QAM	8	7	21.43	21.18	21.07					
3	64QAM	15	0	21.23	21.26	21.23					
3	256QAM	1	0	18.70	19.69	19.55	20.2				
3	256QAM	1	8	19.55	19.60	19.44					
3	256QAM	1	14	19.47	19.58	19.54					
3	256QAM	8	0	19.59	19.65	19.59	20.2				
3	256QAM	8	4	19.51	19.42	19.47					
3	256QAM	8	7	19.47	19.50	19.32					
3	256QAM	15	0	19.53	19.56	19.61	Tune-up limit (dBm)				
Channel				26697	26965	27033					
Frequency (MHz)				814.7	831.5	848.3					
1.4	QPSK	1	0	24.09	24.06	23.95	25.2				
1.4	QPSK	1	3	24.05	24.06	23.91					
1.4											



Band 71_Ant 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				133222	133302	133372					
Frequency (MHz)				673	683	686					
20	QPSK	1	0	24.07	24.08	24.08	25.2				
20	QPSK	1	49	24.03	23.98	23.91					
20	QPSK	1	99	24.04	24.00	23.92					
20	QPSK	50	0	23.21	23.28	23.05					
20	QPSK	50	24	23.24	23.17	22.98					
20	QPSK	50	50	23.17	23.12	22.84	24.2				
20	QPSK	100	0	23.16	23.26	22.98					
20	16QAM	1	0	23.34	23.32	23.27					
20	16QAM	1	49	23.42	23.30	23.31					
20	16QAM	1	99	23.38	23.37	23.25					
20	16QAM	50	0	22.30	21.87	22.02	23.2				
20	16QAM	50	24	22.22	22.06	22.06					
20	16QAM	50	50	22.22	22.15	22.01					
20	16QAM	100	0	22.15	22.01	22.07					
20	64QAM	1	0	22.36	22.18	22.20					
20	64QAM	1	49	22.37	22.33	22.30	23.2				
20	64QAM	1	99	22.38	22.25	22.18					
20	64QAM	50	0	21.25	21.08	21.03					
20	64QAM	50	24	21.21	21.08	21.10					
20	64QAM	50	50	21.24	21.08	21.10					
20	64QAM	100	0	21.24	21.12	21.05	22.2				
20	256QAM	1	0	19.32	19.27	19.46					
20	256QAM	1	49	19.21	19.25	19.37					
20	256QAM	1	99	19.16	19.17	19.21					
20	256QAM	50	0	19.41	19.54	19.44					
20	256QAM	50	24	19.40	19.30	19.41	20.2				
20	256QAM	50	50	19.41	19.28	19.32					
20	256QAM	100	0	19.50	19.40	19.45					
Channel				133107	133202	133277	Tune-up limit (dBm)				
Frequency (MHz)				670.5	680.5	690.5					
15	QPSK	1	0	23.95	23.92	23.96	25.2				
15	QPSK	1	37	23.85	23.83	23.90					
15	QPSK	1	74	23.98	23.94	23.89					
15	QPSK	36	0	23.00	23.01	22.98					
15	QPSK	36	20	23.02	22.96	23.00					
15	QPSK	36	39	22.98	23.04	23.04	24.2				
15	QPSK	75	0	23.07	22.97	23.01					
15	16QAM	1	0	23.26	23.26	23.36					
15	16QAM	1	37	23.30	23.48	23.29					
15	16QAM	1	74	23.34	23.28	23.11					
15	16QAM	36	0	22.06	22.03	22.00	23.2				
15	16QAM	36	20	22.06	22.03	22.04					
15	16QAM	36	39	22.04	22.09	22.05					
15	16QAM	75	0	21.98	21.96	22.03					
15	64QAM	1	0	22.19	22.08	22.22					
15	64QAM	1	37	22.15	22.11	22.22	23.2				
15	64QAM	1	74	22.26	22.25	22.17					
15	64QAM	36	0	21.15	21.02	21.02					
15	64QAM	36	20	21.09	21.09	21.06					
15	64QAM	36	39	21.15	21.12	21.04					
15	64QAM	75	0	21.03	21.03	21.06	22.2				
15	256QAM	1	0	19.25	19.26	19.35					
15	256QAM	1	37	19.25	19.34	19.27					
15	256QAM	1	74	19.10	19.15	19.19					
15	256QAM	36	0	19.35	19.41	19.42					
15	256QAM	36	20	19.36	19.25	19.41	20.2				
15	256QAM	36	39	19.31	19.24	19.30					
15	256QAM	75	0	19.48	19.40	19.32					
Channel				133172	133273	133423	Tune-up limit (dBm)				
Frequency (MHz)				668	678	683					
10	QPSK	1	0	23.95	23.98	23.85	25.2				
10	QPSK	1	25	23.84	23.79	23.84					
10	QPSK	1	49	23.82	23.90	23.82					
10	QPSK	25	0	22.99	23.00	22.93					
10	QPSK	25	12	22.98	23.04	22.94					
10	QPSK	25	25	22.98	22.98	22.92	24.2				
10	QPSK	50	0	22.97	23.07	22.96					
10	16QAM	1	0	23.24	23.20	23.27					
10	16QAM	1	25	23.30	23.25	23.25					
10	16QAM	1	49	23.29	23.36	23.18					
10	16QAM	25	0	22.01	21.96	21.99	23.2				
10	16QAM	25	12	22.08	21.98	21.94					
10	16QAM	25	25	22.09	22.02	22.02					
10	16QAM	50	0	22.07	22.02	21.98					
10	64QAM	1	0	22.14	22.09	22.07					
10	64QAM	1	25	22.25	22.15	22.05	23.2				
10	64QAM	1	49	22.27	22.26	22.12					
10	64QAM	25	0	21.01	20.98	20.96					
10	64QAM	25	12	21.06	20.99	20.98					
10	64QAM	25	25	21.11	21.10	21.05					
10	64QAM	50	0	21.08	21.09	21.01	22.2				
10	256QAM	1	0	19.34	19.24	19.30					
10	256QAM	1	25	19.18	19.26	19.38					
10	256QAM	1	49	19.19	19.18	19.11					
10	256QAM	25	0	19.37	19.45	19.45					
10	256QAM	25	12	19.29	19.28	19.38	20.2				
10	256QAM	25	25	19.27	19.33	19.33					
10	256QAM	50	0	19.49	19.40	19.43					
Channel				133147	133247	133447	Tune-up limit (dBm)				
Frequency (MHz)				665.5	675.5	685.5					
5	QPSK	1	0	24.00	24.02	23.96	25.2				
5	QPSK	1	12	24.03	24.04	24.04					
5	QPSK	1	24	24.02	24.05	24.00					
5	QPSK	12	0	23.02	23.11	22.99					
5	QPSK	12	7	23.13	23.05	23.00					
5	QPSK	12	13	23.12	23.11	22.97	24.2				
5	QPSK	25	0	23.00	23.06	22.95					
5	16QAM	1	0	23.37	23.32	23.30					
5	16QAM	1	12	23.49	23.41	23.36					
5	16QAM	1	24	23.35	23.34	23.32					
5	16QAM	12	0	22.06	22.07	22.10	23.2				
5	16QAM	12	7	22.21	22.05	22.12					
5	16QAM	12	13	22.21	22.19	22.14					
5	16QAM	25	0	22.15	22.11	22.01					
5	64QAM	1	0	22.17	22.23	22.14					
5	64QAM	1	12	22.19	22.21	22.15	22.2				
5	64QAM	1	24	22.35	22.31	22.14					
5	64QAM	12	0	21.18	21.14	21.10					
5	64QAM	12	7	21.12	21.08	21.10					
5	64QAM	12	13	21.26	21.09	21.13					
5	64QAM	25	0	21.18	21.13	21.08	20.2				
5	256QAM	1	0	19.30	19.25	19.36					
5	256QAM	1	12	19.28	19.30	19.32					
5	256QAM	1	24	19.17	19.14	19.30					
5	256QAM	12	0	19.43	19.42	19.38					
5	256QAM	12	7	19.33	19.35	19.46	20.2				
5	256QAM	12	13	19.43	19.31	19.32					
5	256QAM	25	0	19.42	19.35	19.46					



Band 12_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch / Freq	Power Middle Ch / Freq	Power High Ch / Freq	Tune-up (mhz)
Channel				23060	23095	23130	
Frequency (MHz)				701.4	707.5	713.5	
10	QPSK	1	0	23.87	23.94	23.99	24.5
10	QPSK	1	25	23.80	23.93	23.89	
10	QPSK	1	49	23.86	23.93	23.93	
10	QPSK	25	0	23.02	23.07	23.02	
10	QPSK	25	12	23.00	23.03	23.00	
10	QPSK	25	25	23.02	22.99	22.94	24
10	QPSK	50	0	23.01	23.09	22.98	
10	16QAM	1	0	23.26	23.30	23.26	
10	16QAM	1	25	23.25	23.25	23.20	
10	16QAM	1	49	23.33	23.24	23.26	
10	16QAM	25	0	22.00	22.03	21.94	23
10	16QAM	25	12	21.96	22.10	21.98	
10	16QAM	25	25	22.03	22.02	22.07	
10	16QAM	50	0	22.02	22.06	22.06	
10	64QAM	1	0	22.16	22.16	22.19	
10	64QAM	1	25	22.26	22.26	22.16	23
10	64QAM	1	49	22.32	22.19	22.18	
10	64QAM	25	0	21.06	21.03	21.05	
10	64QAM	25	12	21.09	21.14	21.04	
10	64QAM	25	25	21.05	21.13	21.04	
10	64QAM	50	0	21.08	21.16	21.05	22
10	256QAM	1	0	19.37	19.26	19.35	
10	256QAM	1	25	19.23	19.32	19.31	
10	256QAM	1	49	19.22	19.16	19.24	
10	256QAM	25	0	19.52	19.54	19.51	
10	256QAM	25	12	19.41	19.43	19.40	20
10	256QAM	25	25	19.43	19.44	19.46	
10	256QAM	50	0	19.43	19.38	19.37	
Channel				23035	23095	23155	
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	23.86	23.86	23.90	24.5
5	QPSK	1	12	23.87	23.88	23.89	
5	QPSK	1	24	23.84	23.88	23.86	
5	QPSK	12	0	22.86	22.98	22.94	
5	QPSK	12	7	22.88	23.05	23.02	
5	QPSK	12	13	22.99	23.03	22.94	24
5	QPSK	25	0	22.85	22.99	22.95	
5	16QAM	1	0	23.14	23.24	23.16	
5	16QAM	1	12	23.26	23.33	23.31	
5	16QAM	1	24	23.32	23.24	23.17	
5	16QAM	12	0	21.95	22.00	21.99	23
5	16QAM	12	7	21.98	22.06	22.03	
5	16QAM	12	13	22.03	21.99	21.96	
5	16QAM	25	0	21.98	22.05	21.98	
5	64QAM	1	0	22.14	22.16	22.04	
5	64QAM	1	12	22.01	22.02	22.07	23
5	64QAM	1	24	22.16	22.16	22.14	
5	64QAM	12	0	21.02	21.04	21.02	
5	64QAM	12	7	21.08	20.99	20.99	
5	64QAM	12	13	21.14	21.10	21.03	
5	64QAM	25	0	21.04	21.08	21.01	20
5	256QAM	1	0	19.38	19.25	19.39	
5	256QAM	1	12	19.22	19.28	19.22	
5	256QAM	1	24	19.19	19.09	19.14	
5	256QAM	12	0	19.46	19.55	19.48	
5	256QAM	12	7	19.34	19.43	19.34	20
5	256QAM	12	13	19.37	19.41	19.42	
5	256QAM	25	0	19.26	19.41	19.26	
Channel				23025	23095	23165	
Frequency (MHz)				706.5	707.5	714.5	
3	QPSK	1	0	23.85	23.86	23.88	24.5
3	QPSK	1	8	23.86	23.86	23.90	
3	QPSK	1	14	23.84	23.86	23.86	
3	QPSK	8	0	22.96	22.92	22.96	
3	QPSK	8	4	22.91	22.94	22.96	
3	QPSK	8	7	22.89	22.89	22.92	24
3	QPSK	16	0	22.90	23.02	22.93	
3	16QAM	1	0	23.23	23.31	23.18	
3	16QAM	1	8	23.20	23.24	23.10	
3	16QAM	1	14	23.31	23.26	23.23	
3	16QAM	8	0	22.02	22.07	21.97	23
3	16QAM	8	4	22.05	22.07	22.09	
3	16QAM	8	7	22.16	22.11	22.02	
3	16QAM	15	0	22.07	22.00	22.06	
3	64QAM	1	0	22.21	22.18	22.22	
3	64QAM	1	8	22.26	22.11	22.13	23
3	64QAM	1	14	22.32	22.15	22.20	
3	64QAM	8	0	21.06	21.03	21.05	
3	64QAM	8	4	21.13	21.11	21.05	
3	64QAM	8	7	21.09	21.13	21.05	
3	64QAM	15	0	21.02	21.11	21.01	20
3	256QAM	1	0	19.24	19.21	19.21	
3	256QAM	1	8	19.08	19.07	19.10	
3	256QAM	1	14	19.01	18.94	18.99	
3	256QAM	8	0	19.36	19.31	19.26	
3	256QAM	8	4	19.22	19.25	19.17	20
3	256QAM	8	7	19.15	19.16	19.17	
3	256QAM	15	0	19.09	19.27	19.17	
Channel				23017	23095	23173	
Frequency (MHz)				698.7	707.5	715.3	
1.4	QPSK	1	0	23.84	23.84	23.90	24.5
1.4	QPSK	1	3	23.87	23.89	23.85	
1.4	QPSK	1	5	23.85	23.90	23.91	
1.4	QPSK	3	0	23.84	23.85	23.84	
1.4	QPSK	3	1	23.88	23.87	23.90	
1.4	QPSK	3	3	23.81	23.88	23.84	24
1.4	QPSK	6	0	22.98	22.92	22.99	
1.4	16QAM	1	0	23.24	23.30	23.15	
1.4	16QAM	1	3	23.11	23.15	23.02	
1.4	16QAM	1	5	23.28	23.18	23.18	
1.4	16QAM	3	0	23.08	23.02	23.07	23
1.4	16QAM	3	1	23.12	23.13	23.06	
1.4	16QAM	3	3	23.13	23.08	23.04	
1.4	16QAM	6	0	22.02	22.01	22.02	
1.4	64QAM	1	0	22.22	22.12	22.13	
1.4	64QAM	1	3	22.09	22.04	22.10	23
1.4	64QAM	1	5	22.07	22.17	22.15	
1.4	64QAM	3	0	22.13	22.06	22.11	
1.4	64QAM	3	1	22.07	22.10	22.03	
1.4	64QAM	3	3	22.07	22.10	22.08	
1.4	64QAM	6	0	21.09	20.96	20.96	22
1.4	256QAM	1	0	19.20	19.17	19.13	
1.4	256QAM	1	3	18.96	19.03	19.15	
1.4	256QAM	1	5	19.02	18.90	18.93	
1.4	256QAM	3	0	19.29	19.20	19.16	
1.4	256QAM	3	1	19.13	19.21	19.16	20
1.4	256QAM	3	3	19.10	19.10	19.20	
1.4	256QAM	6	0	18.95	19.19	19.06	



Band 13_Ant 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				23230			Tune-up limit (dBm)
Frequency (MHz)				782			
10	QPSK	1	0	24.02			24.4
10	QPSK	1	25	23.89			
10	QPSK	1	49	23.97			
10	QPSK	25	0	23.12			
10	QPSK	25	12	23.11			23.9
10	QPSK	25	25	23.03			
10	QPSK	50	0	23.14			
10	16QAM	1	0	23.30			
10	16QAM	1	25	23.34			23.9
10	16QAM	1	49	23.27			
10	16QAM	25	0	22.07			
10	16QAM	25	12	22.07			
10	16QAM	25	25	22.11			22.9
10	16QAM	50	0	22.10			
10	64QAM	1	0	22.23			
10	64QAM	1	25	22.28			
10	64QAM	1	49	22.29			22.9
10	64QAM	25	0	21.11			
10	64QAM	25	12	21.09			
10	64QAM	25	25	21.08			
10	64QAM	50	0	21.12			21.9
10	256QAM	1	0	19.48			
10	256QAM	1	25	19.53			
10	256QAM	1	49	19.39			
10	256QAM	25	0	19.47			19.9
10	256QAM	25	12	19.50			
10	256QAM	25	25	19.40			
10	256QAM	50	0	19.44			
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	24.00	23.96	23.98	24.4
5	QPSK	1	12	23.99	23.96	24.01	
5	QPSK	1	24	23.97	23.90	23.93	
5	QPSK	12	0	23.09	22.95	22.95	
5	QPSK	12	7	23.07	23.06	23.02	23.9
5	QPSK	12	13	23.03	23.03	23.01	
5	QPSK	25	0	23.01	22.96	22.98	
5	16QAM	1	0	23.20	23.27	23.26	
5	16QAM	1	12	23.25	23.30	23.36	23.9
5	16QAM	1	24	23.99	23.37	23.30	
5	16QAM	12	0	22.02	22.14	22.18	
5	16QAM	12	7	22.09	22.05	22.12	
5	16QAM	12	13	22.14	22.08	22.15	22.9
5	16QAM	25	0	22.13	22.07	22.03	
5	64QAM	1	0	22.12	22.20	22.15	
5	64QAM	1	12	22.09	22.09	22.04	
5	64QAM	1	24	22.07	22.28	22.16	21.9
5	64QAM	12	0	21.08	21.12	21.07	
5	64QAM	12	7	21.11	21.13	21.10	
5	64QAM	12	13	21.13	21.17	21.09	
5	64QAM	25	0	21.10	21.07	21.04	19.9
5	256QAM	1	0	19.30	19.40	19.29	
5	256QAM	1	12	19.34	19.42	19.36	
5	256QAM	1	24	19.25	19.27	19.24	
5	256QAM	12	0	19.35	19.43	19.41	19.9
5	256QAM	12	7	19.25	19.39	19.23	
5	256QAM	12	13	19.38	19.43	19.36	
5	256QAM	25	0	19.40	19.32	19.33	

Band 14_Ant 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				23330			Tune-up limit (dBm)
Frequency (MHz)				793			
10	QPSK	1	0		23.94		24.4
10	QPSK	1	25		23.79		
10	QPSK	1	49		23.62		
10	QPSK	25	0		22.97		
10	QPSK	25	12		22.91		23.9
10	QPSK	25	25		22.87		
10	QPSK	50	0		23.01		
10	16QAM	1	0		23.19		
10	16QAM	1	25		23.25		23.9
10	16QAM	1	49		23.20		
10	16QAM	25	0		21.98		
10	16QAM	25	12		21.94		
10	16QAM	25	25		21.92		22.9
10	16QAM	50	0		22.04		
10	64QAM	1	0		22.04		
10	64QAM	1	25		22.11		
10	64QAM	1	49		22.13		22.9
10	64QAM	25	0		20.87		
10	64QAM	25	12		21.05		
10	64QAM	25	25		21.01		
10	64QAM	50	0		21.03		21.9
10	256QAM	1	0		19.12		
10	256QAM	1	25		19.29		
10	256QAM	1	49		19.19		
10	256QAM	25	0		19.25		19.9
10	256QAM	25	12		19.25		
10	256QAM	25	25		19.14		
10	256QAM	50	0		19.23		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	23.80	23.88	23.90	24.4
5	QPSK	1	12	23.83	23.90	23.90	
5	QPSK	1	24	23.80	23.85	23.85	
5	QPSK	12	0	22.85	22.94	22.93	
5	QPSK	12	7	22.89	22.93	22.90	23.9
5	QPSK	12	13	22.86	22.88	22.94	
5	QPSK	25	0	22.83	22.96	22.94	
5	16QAM	1	0	23.02	23.15	23.21	
5	16QAM	1	12	23.17	23.23	23.23	23.9
5	16QAM	1	24	23.22	23.17	23.19	
5	16QAM	12	0	21.98	22.01	22.04	
5	16QAM	12	7	22.03	21.94	21.99	
5	16QAM	12	13	21.99	21.97	22.05	22.9
5	16QAM	25	0	21.87	21.91	22.00	
5	64QAM	1	0	22.01	22.07	22.10	
5	64QAM	1	12	21.85	21.96	21.87	
5	64QAM	1	24	22.13	22.05	22.00	21.9
5	64QAM	12	0	20.94	20.97	21.00	
5	64QAM	12	7	21.04	21.01	21.06	
5	64QAM	12	13	21.05	20.98	20.87	
5	64QAM	25	0	20.94	20.95	21.03	19.9
5	256QAM	1	0	19.17	19.11	19.14	
5	256QAM	1	12	19.19	19.16	19.22	
5	256QAM	1	24	19.21	19.13	19.18	
5	256QAM	12	0	19.15	19.28	19.12	19.9
5	256QAM	12	7	19.14	19.19	19.20	
5	256QAM	12	13	19.15	19.09	19.10	
5	256QAM	25	0	19.26	19.13	19.26	



Band 17_Ant 1							
BW (MHz)	Modulation	RB Size	RB Offset	Power Low Ch./ Freq.	Power Middle Ch./ Freq.	Power High Ch./ Freq.	Tune-up (mtd. (dBm))
Channel				23780	23790	23800	
Frequency (MHz)				706.5	710.0	713.5	
10	QPSK	1	0	23.87	23.86	23.84	24.50
10	QPSK	1	25	23.82	23.84	23.74	
10	QPSK	1	49	23.84	23.88	23.86	
10	QPSK	25	0	22.89	22.97	22.95	
10	QPSK	25	12	22.91	22.96	22.95	24.00
10	QPSK	25	25	22.93	22.96	22.91	
10	QPSK	50	0	22.92	23.00	22.89	
10	16QAM	1	0	23.16	23.26	23.19	
10	16QAM	1	25	23.16	23.18	23.12	24.00
10	16QAM	1	49	23.16	23.18	23.16	
10	16QAM	25	0	21.91	21.88	21.85	
10	16QAM	25	12	21.96	21.95	21.86	
10	16QAM	25	25	22.00	21.95	21.89	23.00
10	16QAM	50	0	22.05	22.06	21.96	
10	64QAM	1	0	22.16	22.02	22.06	
10	64QAM	1	25	22.07	22.00	22.03	
10	64QAM	1	49	22.10	22.12	22.11	22.00
10	64QAM	25	0	20.97	21.02	20.92	
10	64QAM	25	12	20.93	20.92	20.92	
10	64QAM	25	25	21.03	21.03	20.92	
10	64QAM	50	0	21.03	21.06	20.98	20.00
10	256QAM	1	0	19.18	19.09	19.25	
10	256QAM	1	25	19.13	19.18	19.12	
10	256QAM	1	49	19.00	19.03	19.08	
10	256QAM	25	0	19.34	19.31	19.35	
10	256QAM	25	12	19.24	19.26	19.28	20.00
10	256QAM	25	25	19.23	19.19	19.24	
10	256QAM	50	0	19.31	19.30	19.23	
Channel				23755	23760	23825	Tune-up (mtd. (dBm))
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	23.82	23.86	23.81	24.5
5	QPSK	1	12	23.88	23.85	23.87	
5	QPSK	1	24	23.80	23.83	23.76	
5	QPSK	12	0	22.85	22.91	22.79	
5	QPSK	12	7	22.95	22.93	22.86	24
5	QPSK	12	13	22.87	22.94	22.83	
5	QPSK	25	0	22.90	22.96	22.84	
5	16QAM	1	0	23.09	23.25	23.09	
5	16QAM	1	12	23.19	23.31	23.10	24
5	16QAM	1	24	23.11	23.20	23.02	
5	16QAM	12	0	21.95	21.94	21.86	
5	16QAM	12	7	21.88	21.99	21.94	
5	16QAM	12	13	21.98	22.08	21.93	23
5	16QAM	25	0	21.91	21.93	21.88	
5	64QAM	1	0	22.03	22.11	22.04	
5	64QAM	1	12	21.88	22.07	22.04	
5	64QAM	1	24	22.03	22.13	22.03	22
5	64QAM	12	0	20.92	21.01	20.94	
5	64QAM	12	7	20.97	21.03	20.95	
5	64QAM	12	13	20.92	20.95	20.87	
5	256QAM	25	0	20.94	21.01	20.93	20
5	256QAM	1	0	19.24	19.12	19.16	
5	256QAM	1	12	19.09	19.08	19.11	
5	256QAM	1	24	18.96	18.94	19.02	
5	256QAM	12	0	19.35	19.26	19.28	20
5	256QAM	12	7	19.19	19.21	19.20	
5	256QAM	12	13	19.15	19.11	19.29	
5	256QAM	25	0	19.31	19.17	19.20	

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.18	24.16	23.91	25.50
20	PI/2 BPSK	1	26	24.21	24.22	23.92	
20	PI/2 BPSK	1	49	24.12	23.91	23.87	
20	PI/2 BPSK	25	0	23.67	23.54	23.42	25.00
20	PI/2 BPSK	25	13	24.18	24.19	23.89	25.50
20	PI/2 BPSK	25	26	23.63	23.49	23.36	25.00
20	PI/2 BPSK	50	0	23.67	23.50	23.40	
20	QPSK	1	1	24.12	24.03	23.87	25.50
20	QPSK	1	26	24.18	23.98	23.81	
20	QPSK	1	49	24.07	23.88	23.83	
20	QPSK	25	0	23.26	23.04	22.99	25.50
20	QPSK	25	13	24.18	23.99	23.97	
20	QPSK	25	26	23.20	23.02	22.92	
20	QPSK	50	0	23.28	23.08	22.97	24.50
20	16QAM	1	1	23.32	23.24	23.00	24.50
20	64QAM	1	1	21.92	21.77	21.57	23.00
20	256QAM	1	1	19.92	19.82	19.62	21.00
Channel				515502	519000	522498	
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.17	24.11	23.94	25.50
Channel				515004	519000	522996	
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	24.20	24.09	23.92	25.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.84	24.09	23.78	25.70
100	PI/2 BPSK	1	137	24.15	24.16	23.79	
100	PI/2 BPSK	1	271	23.71	23.70	23.70	
100	PI/2 BPSK	135	0	23.32	23.42	23.24	25.20
100	PI/2 BPSK	135	69	24.06	24.07	23.75	25.70
100	PI/2 BPSK	135	138	23.45	23.46	23.20	25.20
100	PI/2 BPSK	270	0	23.47	23.33	23.22	
100	QPSK	1	1	23.78	23.96	23.74	25.70
100	QPSK	1	137	24.11	23.99	23.75	
100	QPSK	1	271	23.46	23.69	23.65	
100	QPSK	135	0	23.14	22.93	22.75	25.70
100	QPSK	135	69	24.15	23.92	23.75	
100	QPSK	135	138	23.13	22.76	22.74	
100	QPSK	270	0	23.06	22.88	22.71	24.70
100	16QAM	1	1	22.89	23.04	22.77	24.70
100	64QAM	1	1	21.40	21.46	21.27	23.20
100	256QAM	1	1	19.74	19.60	19.87	21.20
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.15	24.11	23.93	25.70
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.91	24.04	23.77	25.70
Channel				506200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.84	23.89	23.70	25.70
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.05	24.10	23.78	25.70
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.02	24.02	23.83	25.70
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.03	24.09	24.03	25.70
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.15	24.14	23.94	25.70
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.12	24.12	23.92	25.70
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.10	24.13	24.12	25.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	26.43	26.54	26.48	27.00
100	PI/2 BPSK	1	137	26.59	26.60	26.42	
100	PI/2 BPSK	1	271	26.56	26.35	26.40	
100	PI/2 BPSK	135	0	25.95	26.04	25.94	26.50
100	PI/2 BPSK	135	69	26.54	26.55	26.44	27.00
100	PI/2 BPSK	135	138	26.06	25.86	25.88	26.50
100	PI/2 BPSK	270	0	25.91	25.92	25.89	
100	QPSK	1	1	26.30	26.45	26.44	27.00
100	QPSK	1	137	26.57	26.47	26.36	
100	QPSK	1	271	26.41	26.21	26.33	
100	QPSK	135	0	25.38	25.45	25.38	27.00
100	QPSK	135	69	26.50	26.46	26.38	
100	QPSK	135	138	25.51	25.31	25.30	
100	QPSK	270	0	25.47	25.37	25.31	26.00
100	16QAM	1	1	25.05	25.26	25.28	26.00
100	64QAM	1	1	23.64	23.95	23.92	24.50
100	256QAM	1	1	21.66	21.79	21.78	22.50
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	26.38	26.54	26.45	27.00
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	26.37	26.50	26.39	27.00
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	26.35	26.54	26.39	27.00
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	26.39	26.49	26.46	27.00
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	26.34	26.53	26.38	27.00
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	26.43	26.44	26.46	27.00
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	26.43	26.53	26.45	27.00
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	26.37	26.51	26.43	27.00
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	26.34	26.53	26.38	27.00

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.07	17.15	17.07	18.40
20	PI/2 BPSK	1	26	17.00	17.09	17.08	
20	PI/2 BPSK	1	49	16.94	16.99	16.95	
20	PI/2 BPSK	25	0	17.05	17.10	17.04	18.40
20	PI/2 BPSK	25	13	17.05	17.08	17.00	18.40
20	PI/2 BPSK	25	26	16.97	17.01	16.92	18.40
20	PI/2 BPSK	50	0	17.01	17.07	16.97	
20	QPSK	1	1	17.10	17.13	17.13	
20	QPSK	1	26	17.05	17.05	16.99	18.40
20	QPSK	1	49	16.95	17.00	16.94	
20	QPSK	25	0	17.04	17.08	16.99	
20	QPSK	25	13	16.95	17.04	16.94	18.40
20	QPSK	25	26	16.92	17.02	16.92	
20	QPSK	50	0	17.01	17.05	17.04	
20	16QAM	1	1	16.95	17.02	16.93	18.40
20	64QAM	1	1	17.08	17.14	17.06	18.40
20	256QAM	1	1	17.07	17.13	17.08	18.40
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.06	17.05	17.06	18.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.00	17.05	17.07	18.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.20	17.30	17.21	18.60
100	PI/2 BPSK	1	137	17.38	17.46	17.45	
100	PI/2 BPSK	1	271	17.25	17.25	17.21	
100	PI/2 BPSK	135	0	17.27	17.36	17.29	18.60
100	PI/2 BPSK	135	69	17.31	17.37	17.29	18.60
100	PI/2 BPSK	135	138	17.25	17.25	17.19	18.60
100	PI/2 BPSK	270	0	17.22	17.31	17.24	
100	QPSK	1	1	17.26	17.28	17.19	
100	QPSK	1	137	17.43	17.44	17.37	18.60
100	QPSK	1	271	17.17	17.23	17.22	
100	QPSK	135	0	17.28	17.33	17.26	
100	QPSK	135	69	17.29	17.35	17.34	18.60
100	QPSK	135	138	17.16	17.26	17.19	
100	QPSK	270	0	17.22	17.30	17.21	
100	16QAM	1	1	17.31	17.41	17.34	18.60
100	64QAM	1	1	17.31	17.40	17.40	18.60
100	256QAM	1	1	17.37	17.42	17.38	18.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.30	17.25	17.24	18.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.25	17.22	17.25	18.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.25	17.26	17.27	18.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.20	17.22	17.28	18.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.29	17.30	17.23	18.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.30	17.21	17.24	18.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.23	17.25	17.28	18.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.26	17.27	17.26	18.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.30	17.22	17.23	18.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.41	20.51	20.48	21.60
100	PI/2 BPSK	1	137	20.50	20.56	20.51	
100	PI/2 BPSK	1	271	20.37	20.39	20.30	
100	PI/2 BPSK	135	0	20.50	20.54	20.52	21.60
100	PI/2 BPSK	135	69	20.48	20.55	20.50	21.60
100	PI/2 BPSK	135	138	20.45	20.45	20.45	21.60
100	PI/2 BPSK	270	0	20.52	20.52	20.47	
100	QPSK	1	1	20.48	20.50	20.41	
100	QPSK	1	137	20.50	20.54	20.45	21.60
100	QPSK	1	271	20.25	20.35	20.35	
100	QPSK	135	0	20.54	20.55	20.49	
100	QPSK	135	69	20.50	20.54	20.54	21.60
100	QPSK	135	138	20.48	20.48	20.47	
100	QPSK	270	0	20.44	20.50	20.46	
100	16QAM	1	1	20.44	20.51	20.44	21.60
100	64QAM	1	1	20.51	20.53	20.52	21.60
100	256QAM	1	1	20.44	20.51	20.46	21.60
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.46	20.43	20.42	21.60
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.47	20.42	20.48	21.60
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.43	20.51	20.51	21.60
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.50	20.46	20.44	21.60
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.43	20.49	21.60
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.47	20.43	20.45	21.60
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.44	20.51	20.49	21.60
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.44	20.50	20.43	21.60
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.43	20.50	20.43	21.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.07	17.15	17.07	17.60
20	PI/2 BPSK	1	26	17.00	17.09	17.08	
20	PI/2 BPSK	1	49	16.94	16.99	16.95	
20	PI/2 BPSK	25	0	17.05	17.10	17.04	17.60
20	PI/2 BPSK	25	13	17.05	17.08	17.00	17.60
20	PI/2 BPSK	25	26	16.97	17.01	16.92	17.60
20	PI/2 BPSK	50	0	17.01	17.07	16.97	
20	QPSK	1	1	17.10	17.13	17.13	17.60
20	QPSK	1	26	17.05	17.05	16.99	
20	QPSK	1	49	16.95	17.00	16.94	
20	QPSK	25	0	17.04	17.08	16.99	17.60
20	QPSK	25	13	16.95	17.04	16.94	
20	QPSK	25	26	16.92	17.02	16.92	
20	QPSK	50	0	17.01	17.05	17.04	17.60
20	16QAM	1	1	16.95	17.02	16.93	17.60
20	64QAM	1	1	17.08	17.14	17.06	17.60
20	256QAM	1	1	17.07	17.13	17.08	17.60
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.06	17.05	17.06	17.60
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.00	17.05	17.07	17.60

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.20	17.30	17.21	17.80
100	PI/2 BPSK	1	137	17.38	17.46	17.45	
100	PI/2 BPSK	1	271	17.25	17.25	17.21	
100	PI/2 BPSK	135	0	17.27	17.36	17.29	17.80
100	PI/2 BPSK	135	69	17.31	17.37	17.29	17.80
100	PI/2 BPSK	135	138	17.25	17.25	17.19	17.80
100	PI/2 BPSK	270	0	17.22	17.31	17.24	
100	QPSK	1	1	17.26	17.28	17.19	
100	QPSK	1	137	17.43	17.44	17.37	17.80
100	QPSK	1	271	17.17	17.23	17.22	
100	QPSK	135	0	17.28	17.33	17.26	
100	QPSK	135	69	17.29	17.35	17.34	17.80
100	QPSK	135	138	17.16	17.26	17.19	
100	QPSK	270	0	17.22	17.30	17.21	
100	16QAM	1	1	17.31	17.41	17.34	17.80
100	64QAM	1	1	17.31	17.40	17.40	17.80
100	256QAM	1	1	17.37	17.42	17.38	17.80
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.30	17.25	17.24	17.80
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.25	17.22	17.25	17.80
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.25	17.26	17.27	17.80
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.20	17.22	17.28	17.80
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.29	17.30	17.23	17.80
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.30	17.21	17.24	17.80
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.23	17.25	17.28	17.80
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.26	17.27	17.26	17.80
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.30	17.22	17.23	17.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.41	20.51	20.48	20.80
100	PI/2 BPSK	1	137	20.50	20.56	20.51	
100	PI/2 BPSK	1	271	20.37	20.39	20.30	
100	PI/2 BPSK	135	0	20.50	20.54	20.52	20.80
100	PI/2 BPSK	135	69	20.48	20.55	20.50	20.80
100	PI/2 BPSK	135	138	20.45	20.45	20.45	20.80
100	PI/2 BPSK	270	0	20.52	20.52	20.47	
100	QPSK	1	1	20.48	20.50	20.41	
100	QPSK	1	137	20.50	20.54	20.45	20.80
100	QPSK	1	271	20.25	20.35	20.35	
100	QPSK	135	0	20.54	20.55	20.49	
100	QPSK	135	69	20.50	20.54	20.54	20.80
100	QPSK	135	138	20.48	20.48	20.47	
100	QPSK	270	0	20.44	20.50	20.46	
100	16QAM	1	1	20.44	20.51	20.44	20.80
100	64QAM	1	1	20.51	20.53	20.52	20.80
100	256QAM	1	1	20.44	20.51	20.46	20.80
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.46	20.43	20.42	20.80
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.47	20.42	20.48	20.80
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.43	20.51	20.51	20.80
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.50	20.46	20.44	20.80
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.41	20.43	20.49	20.80
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.47	20.43	20.45	20.80
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.44	20.51	20.49	20.80
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.44	20.50	20.43	20.80
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.43	20.50	20.43	20.80

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	20.70
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	20.70
20	PI/2 BPSK	25	13	20.07	20.11	19.97	20.70
20	PI/2 BPSK	25	26	19.97	20.01	19.87	20.70
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	20.70
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	20.70
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	20.70
20	16QAM	1	1	19.95	19.99	19.80	20.70
20	64QAM	1	1	19.96	20.00	19.97	20.70
20	256QAM	1	1	20.04	20.08	20.00	20.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	20.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	20.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	20.90
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	20.90
100	PI/2 BPSK	135	69	19.95	20.15	19.96	20.90
100	PI/2 BPSK	135	138	19.86	20.09	19.83	20.90
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	20.90
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	20.90
100	QPSK	135	138	19.85	19.90	19.74	20.90
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	
100	64QAM	1	1	20.09	20.15	20.00	20.90
100	256QAM	1	1	20.09	20.14	19.85	20.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	20.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	20.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	20.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	20.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	20.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	20.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	20.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	20.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	23.90
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	23.90
100	PI/2 BPSK	135	0	23.39	23.43	23.14	
100	PI/2 BPSK	135	69	23.45	23.52	23.09	23.90
100	PI/2 BPSK	135	138	23.27	23.30	23.06	
100	PI/2 BPSK	270	0	23.35	23.38	23.07	23.90
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	23.90
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	23.90
100	QPSK	135	69	23.35	23.38	23.13	
100	QPSK	135	138	23.22	23.25	23.07	23.90
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	23.90
100	64QAM	1	1	23.27	23.30	23.01	23.90
100	256QAM	1	1	21.97	22.00	21.50	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	23.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	23.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	23.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	23.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	23.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	23.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	23.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	23.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	23.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	21.50
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	21.50
20	PI/2 BPSK	25	13	20.07	20.11	19.97	21.50
20	PI/2 BPSK	25	26	19.97	20.01	19.87	21.50
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	21.50
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	21.50
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	21.50
20	16QAM	1	1	19.95	19.99	19.80	21.50
20	64QAM	1	1	19.96	20.00	19.97	21.50
20	256QAM	1	1	20.04	20.08	20.00	21.50
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	21.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	21.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	21.70
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	21.70
100	PI/2 BPSK	135	69	19.95	20.15	19.96	21.70
100	PI/2 BPSK	135	138	19.86	20.09	19.83	21.70
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	21.70
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	21.70
100	QPSK	135	138	19.85	19.90	19.74	
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	21.70
100	64QAM	1	1	20.09	20.15	20.00	21.70
100	256QAM	1	1	20.09	20.14	19.85	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	21.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	21.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	21.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	21.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	21.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	21.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	21.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	21.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	21.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	24.70
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	24.70
100	PI/2 BPSK	135	0	23.39	23.43	23.14	
100	PI/2 BPSK	135	69	23.45	23.52	23.09	24.70
100	PI/2 BPSK	135	138	23.27	23.30	23.06	
100	PI/2 BPSK	270	0	23.35	23.38	23.07	24.70
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	24.70
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	24.70
100	QPSK	135	69	23.35	23.38	23.13	
100	QPSK	135	138	23.22	23.25	23.07	24.70
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	24.70
100	64QAM	1	1	23.27	23.30	23.01	24.20
100	256QAM	1	1	21.97	22.00	21.50	22.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	24.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	24.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	24.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	24.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	24.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	24.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	24.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	24.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	24.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.13	20.15	20.02	20.70
20	PI/2 BPSK	1	26	20.06	20.10	19.85	
20	PI/2 BPSK	1	49	19.98	20.02	19.87	
20	PI/2 BPSK	25	0	20.05	20.09	19.89	20.70
20	PI/2 BPSK	25	13	20.07	20.11	19.97	20.70
20	PI/2 BPSK	25	26	19.97	20.01	19.87	20.70
20	PI/2 BPSK	50	0	20.00	20.04	19.88	
20	QPSK	1	1	20.06	20.10	19.94	20.70
20	QPSK	1	26	19.91	19.95	19.81	
20	QPSK	1	49	19.87	19.91	19.83	
20	QPSK	25	0	19.99	20.03	19.85	20.70
20	QPSK	25	13	19.97	20.01	19.93	
20	QPSK	25	26	20.01	20.05	19.83	
20	QPSK	50	0	19.94	19.98	19.87	20.70
20	16QAM	1	1	19.95	19.99	19.80	20.70
20	64QAM	1	1	19.96	20.00	19.97	20.70
20	256QAM	1	1	20.04	20.08	20.00	20.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.12	20.11	19.96	20.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.04	20.10	19.99	20.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.88	20.21	19.82	20.90
100	PI/2 BPSK	1	137	20.07	20.14	20.04	
100	PI/2 BPSK	1	271	20.05	20.14	19.86	
100	PI/2 BPSK	135	0	19.84	20.03	19.77	20.90
100	PI/2 BPSK	135	69	19.95	20.15	19.96	20.90
100	PI/2 BPSK	135	138	19.86	20.09	19.83	20.90
100	PI/2 BPSK	270	0	19.90	20.08	19.98	
100	QPSK	1	1	20.02	20.12	19.90	
100	QPSK	1	137	20.07	20.14	19.98	20.90
100	QPSK	1	271	19.89	20.00	19.84	
100	QPSK	135	0	20.04	20.09	19.86	
100	QPSK	135	69	19.85	20.08	19.91	20.90
100	QPSK	135	138	19.85	19.90	19.74	
100	QPSK	270	0	19.83	19.89	19.78	
100	16QAM	1	1	19.99	20.16	19.93	20.90
100	64QAM	1	1	20.09	20.15	20.00	20.90
100	256QAM	1	1	20.09	20.14	19.85	20.90
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.90	20.18	19.98	20.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.01	20.03	20.05	20.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.02	20.15	20.09	20.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.03	20.06	20.12	20.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.01	20.08	20.06	20.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.09	20.12	20.08	20.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.11	20.15	20.13	20.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	19.96	20.06	19.96	20.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	19.82	20.00	19.86	20.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.31	23.58	23.30	23.90
100	PI/2 BPSK	1	137	23.51	23.53	23.17	
100	PI/2 BPSK	1	271	23.42	23.31	23.13	23.90
100	PI/2 BPSK	135	0	23.39	23.43	23.14	
100	PI/2 BPSK	135	69	23.45	23.52	23.09	23.90
100	PI/2 BPSK	135	138	23.27	23.30	23.06	
100	PI/2 BPSK	270	0	23.35	23.38	23.07	23.90
100	QPSK	1	1	23.41	23.55	23.31	
100	QPSK	1	137	23.45	23.54	23.17	23.90
100	QPSK	1	271	23.24	23.27	23.14	
100	QPSK	135	0	23.40	23.43	23.12	23.90
100	QPSK	135	69	23.35	23.38	23.13	
100	QPSK	135	138	23.22	23.25	23.07	23.90
100	QPSK	270	0	23.29	23.32	23.04	
100	16QAM	1	1	23.28	23.31	23.02	23.90
100	64QAM	1	1	23.27	23.30	23.01	23.90
100	256QAM	1	1	21.97	22.00	21.50	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.30	23.50	23.24	23.90
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.24	23.48	23.21	23.90
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.22	23.53	23.27	23.90
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.22	23.55	23.23	23.90
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.28	23.51	23.21	23.90
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.26	23.50	23.26	23.90
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.24	23.49	23.20	23.90
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.27	23.54	23.22	23.90
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.30	23.56	23.23	23.90

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.49	24.42	24.37	25.50
20	PI/2 BPSK	1	26	24.50	24.51	24.26	
20	PI/2 BPSK	1	49	24.41	24.33	24.16	
20	PI/2 BPSK	25	0	23.97	23.94	23.79	25.00
20	PI/2 BPSK	25	13	24.44	24.45	24.22	25.50
20	PI/2 BPSK	25	26	23.90	23.86	23.68	25.00
20	PI/2 BPSK	50	0	23.73	23.68	23.58	
20	QPSK	1	1	24.42	24.35	24.28	25.50
20	QPSK	1	26	24.40	24.35	24.26	
20	QPSK	1	49	24.35	24.22	24.13	
20	QPSK	25	0	23.55	23.43	23.33	25.50
20	QPSK	25	13	24.41	24.38	24.29	
20	QPSK	25	26	23.65	23.40	23.25	
20	QPSK	50	0	23.63	23.42	23.34	24.50
20	16QAM	1	1	23.62	23.46	23.25	24.50
20	64QAM	1	1	22.12	22.10	22.06	23.00
20	256QAM	1	1	20.20	20.15	20.08	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.48	24.39	24.33	25.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	24.49	24.42	24.35	25.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.16	24.44	24.45	25.70
100	PI/2 BPSK	1	137	24.60	24.58	24.59	
100	PI/2 BPSK	1	271	24.30	24.63	24.53	
100	PI/2 BPSK	135	0	23.62	23.88	24.00	25.20
100	PI/2 BPSK	135	69	24.33	24.50	24.48	25.70
100	PI/2 BPSK	135	138	23.97	24.05	24.06	25.20
100	PI/2 BPSK	270	0	23.75	24.02	24.01	
100	QPSK	1	1	23.87	24.16	24.26	
100	QPSK	1	137	24.33	24.44	24.57	25.70
100	QPSK	1	271	24.10	24.57	24.40	
100	QPSK	135	0	23.10	23.30	23.46	
100	QPSK	135	69	24.29	24.43	24.55	25.70
100	QPSK	135	138	23.42	23.47	23.55	
100	QPSK	270	0	23.24	23.38	23.51	
100	16QAM	1	1	22.89	23.00	23.34	24.70
100	64QAM	1	1	21.48	21.80	21.94	23.20
100	256QAM	1	1	19.52	20.05	20.09	21.20
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.12	24.41	24.42	25.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.07	24.34	24.40	25.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.13	24.38	24.38	25.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.10	24.40	24.36	25.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.07	24.36	24.43	25.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.08	24.38	24.41	25.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.07	24.36	24.41	25.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.07	24.39	24.40	25.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.08	24.35	24.39	25.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.91	26.25	26.59	27.20
100	PI/2 BPSK	1	137	26.44	26.55	26.60	
100	PI/2 BPSK	1	271	26.63	26.65	26.62	
100	PI/2 BPSK	135	0	25.57	25.86	25.99	26.70
100	PI/2 BPSK	135	69	26.31	26.56	26.54	27.20
100	PI/2 BPSK	135	138	25.95	26.09	25.99	26.70
100	PI/2 BPSK	270	0	25.69	26.01	26.00	
100	QPSK	1	1	25.76	26.07	26.35	
100	QPSK	1	137	26.26	26.50	26.51	27.20
100	QPSK	1	271	26.49	26.49	26.36	
100	QPSK	135	0	25.21	25.29	25.45	
100	QPSK	135	69	26.27	26.47	26.51	27.20
100	QPSK	135	138	25.39	25.50	25.45	
100	QPSK	270	0	25.14	25.40	25.42	
100	16QAM	1	1	24.63	24.96	25.21	26.20
100	64QAM	1	1	23.26	23.50	23.77	24.70
100	256QAM	1	1	21.24	21.35	21.60	22.70
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.91	26.17	26.56	27.20
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.89	26.21	26.50	27.20
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.91	26.23	26.59	27.20
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.91	26.18	26.55	27.20
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.87	26.19	26.50	27.20
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.88	26.18	26.55	27.20
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.83	26.25	26.49	27.20
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.88	26.20	26.56	27.20
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.87	26.20	26.57	27.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.05	18.11	18.10	19.50
20	PI/2 BPSK	1	26	17.95	18.03	17.97	
20	PI/2 BPSK	1	49	17.88	17.95	17.89	
20	PI/2 BPSK	25	0	18.03	18.04	17.96	19.50
20	PI/2 BPSK	25	13	17.95	18.01	18.01	19.50
20	PI/2 BPSK	25	26	17.97	17.99	17.98	19.50
20	PI/2 BPSK	50	0	17.92	18.02	17.97	
20	QPSK	1	1	18.05	18.10	18.06	19.50
20	QPSK	1	26	17.92	18.00	17.96	
20	QPSK	1	49	17.99	17.99	17.91	
20	QPSK	25	0	17.99	18.02	17.92	19.50
20	QPSK	25	13	17.97	18.00	17.99	
20	QPSK	25	26	17.96	17.98	17.88	
20	QPSK	50	0	17.93	18.01	17.95	19.50
20	16QAM	1	1	18.07	18.10	18.04	19.50
20	64QAM	1	1	17.85	17.86	17.80	19.50
20	256QAM	1	1	17.97	18.05	17.97	19.50
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	18.10	18.09	18.04	19.50
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	18.07	18.10	18.01	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.03	18.05	17.95	19.50
100	PI/2 BPSK	1	137	18.47	18.47	18.47	
100	PI/2 BPSK	1	271	18.51	18.54	18.53	
100	PI/2 BPSK	135	0	18.21	18.25	18.18	19.50
100	PI/2 BPSK	135	69	18.45	18.48	18.48	19.50
100	PI/2 BPSK	135	138	18.44	18.53	18.43	19.50
100	PI/2 BPSK	270	0	18.39	18.41	18.33	
100	QPSK	1	1	17.99	18.00	17.97	
100	QPSK	1	137	18.37	18.42	18.34	19.50
100	QPSK	1	271	18.48	18.52	18.52	
100	QPSK	135	0	18.17	18.26	18.21	
100	QPSK	135	69	18.47	18.47	18.41	19.50
100	QPSK	135	138	18.49	18.51	18.48	
100	QPSK	270	0	18.39	18.40	18.38	
100	16QAM	1	1	18.09	18.15	18.15	19.50
100	64QAM	1	1	18.27	18.28	18.27	19.50
100	256QAM	1	1	18.16	18.23	18.17	19.50
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.97	17.95	18.05	19.50
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.95	18.04	18.05	19.50
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.01	17.99	17.95	19.50
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.98	17.95	17.98	19.50
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.05	18.04	18.04	19.50
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.02	18.00	18.02	19.50
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.97	17.97	17.95	19.50
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.02	17.99	18.01	19.50
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.03	17.99	18.01	19.50

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.05	21.15	21.05	22.50
100	PI/2 BPSK	1	137	21.54	21.61	21.61	
100	PI/2 BPSK	1	271	21.65	21.66	21.61	
100	PI/2 BPSK	135	0	21.26	21.35	21.31	22.50
100	PI/2 BPSK	135	69	21.51	21.53	21.47	22.50
100	PI/2 BPSK	135	138	21.47	21.54	21.52	22.50
100	PI/2 BPSK	270	0	21.40	21.41	21.34	
100	QPSK	1	1	21.04	21.11	21.02	
100	QPSK	1	137	21.51	21.58	21.49	22.50
100	QPSK	1	271	21.57	21.63	21.62	
100	QPSK	135	0	21.24	21.32	21.31	
100	QPSK	135	69	21.42	21.50	21.50	22.50
100	QPSK	135	138	21.42	21.49	21.45	
100	QPSK	270	0	21.33	21.42	21.39	
100	16QAM	1	1	20.85	20.93	20.85	22.00
100	64QAM	1	1	20.95	21.00	20.94	22.00
100	256QAM	1	1	20.05	20.05	20.02	21.00
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.04	21.14	21.05	22.50
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.95	21.07	20.98	22.50
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.08	20.97	22.50
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.05	21.09	20.95	22.50
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.07	21.05	22.50
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.03	21.11	21.02	22.50
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.01	21.14	20.96	22.50
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.98	21.10	20.98	22.50
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.02	21.05	21.05	22.50

n38_Ant 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				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.05	18.11	18.10	18.70
20	PI/2 BPSK	1	26	17.95	18.03	17.97	
20	PI/2 BPSK	1	49	17.88	17.95	17.89	
20	PI/2 BPSK	25	0	18.03	18.04	17.96	18.70
20	PI/2 BPSK	25	13	17.95	18.01	18.01	18.70
20	PI/2 BPSK	25	26	17.97	17.99	17.98	18.70
20	PI/2 BPSK	50	0	17.92	18.02	17.97	
20	QPSK	1	1	18.05	18.10	18.06	18.70
20	QPSK	1	26	17.92	18.00	17.96	
20	QPSK	1	49	17.99	17.99	17.91	
20	QPSK	25	0	17.99	18.02	17.92	18.70
20	QPSK	25	13	17.97	18.00	17.99	
20	QPSK	25	26	17.96	17.98	17.88	
20	QPSK	50	0	17.93	18.01	17.95	18.70
20	16QAM	1	1	18.07	18.10	18.04	18.70
20	64QAM	1	1	17.85	17.86	17.80	18.70
20	256QAM	1	1	17.97	18.05	17.97	18.70
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	18.10	18.09	18.04	18.70
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	18.07	18.10	18.01	18.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.03	18.05	17.95	18.70
100	PI/2 BPSK	1	137	18.47	18.47	18.47	
100	PI/2 BPSK	1	271	18.51	18.54	18.53	
100	PI/2 BPSK	135	0	18.21	18.25	18.18	18.70
100	PI/2 BPSK	135	69	18.45	18.48	18.48	18.70
100	PI/2 BPSK	135	138	18.44	18.53	18.43	18.70
100	PI/2 BPSK	270	0	18.39	18.41	18.33	
100	QPSK	1	1	17.99	18.00	17.97	
100	QPSK	1	137	18.37	18.42	18.34	18.70
100	QPSK	1	271	18.48	18.52	18.52	
100	QPSK	135	0	18.17	18.26	18.21	
100	QPSK	135	69	18.47	18.47	18.41	18.70
100	QPSK	135	138	18.49	18.51	18.48	
100	QPSK	270	0	18.39	18.40	18.38	
100	16QAM	1	1	18.09	18.15	18.15	18.70
100	64QAM	1	1	18.27	18.28	18.27	18.70
100	256QAM	1	1	18.16	18.23	18.17	18.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.97	17.95	18.05	18.70
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.95	18.04	18.05	18.70
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.01	17.99	17.95	18.70
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.98	17.95	17.98	18.70
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.05	18.04	18.04	18.70
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.02	18.00	18.02	18.70
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.97	17.97	17.95	18.70
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.02	17.99	18.01	18.70
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.03	17.99	18.01	18.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.05	21.15	21.05	21.70
100	PI/2 BPSK	1	137	21.54	21.61	21.61	
100	PI/2 BPSK	1	271	21.65	21.66	21.61	
100	PI/2 BPSK	135	0	21.26	21.35	21.31	21.70
100	PI/2 BPSK	135	69	21.51	21.53	21.47	21.70
100	PI/2 BPSK	135	138	21.47	21.54	21.52	21.70
100	PI/2 BPSK	270	0	21.40	21.41	21.34	
100	QPSK	1	1	21.04	21.11	21.02	
100	QPSK	1	137	21.51	21.58	21.49	21.70
100	QPSK	1	271	21.57	21.63	21.62	
100	QPSK	135	0	21.24	21.32	21.31	
100	QPSK	135	69	21.42	21.50	21.50	21.70
100	QPSK	135	138	21.42	21.49	21.45	
100	QPSK	270	0	21.33	21.42	21.39	
100	16QAM	1	1	20.85	20.93	20.85	21.20
100	64QAM	1	1	20.95	21.00	20.94	21.20
100	256QAM	1	1	20.05	20.05	20.02	20.70
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.04	21.14	21.05	21.70
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.95	21.07	20.98	21.70
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.98	21.08	20.97	21.70
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.05	21.09	20.95	21.70
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.04	21.07	21.05	21.70
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.03	21.11	21.02	21.70
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.01	21.14	20.96	21.70
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.98	21.10	20.98	21.70
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.02	21.05	21.05	21.70

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	23.40
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	23.40
20	PI/2 BPSK	25	13	22.41	22.61	22.51	23.40
20	PI/2 BPSK	25	26	22.48	22.68	22.58	23.40
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	23.40
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	23.40
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	23.40
20	16QAM	1	1	21.96	22.16	22.06	23.40
20	64QAM	1	1	21.87	22.07	21.97	22.90
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	23.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	23.40
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	23.40
100	PI/2 BPSK	135	69	22.51	22.71	22.61	23.40
100	PI/2 BPSK	135	138	22.58	22.78	22.68	23.40
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	23.40
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	23.40
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.40
100	64QAM	1	1	21.97	22.17	22.07	22.90
100	256QAM	1	1	20.91	20.96	20.97	21.20
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	23.40
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	23.40
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	23.40
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	23.40
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	23.40
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	23.40
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	23.40
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	23.40
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	26.40
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	26.40
100	PI/2 BPSK	135	69	25.32	25.52	25.48	26.40
100	PI/2 BPSK	135	138	25.39	25.59	25.55	26.40
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	
100	QPSK	1	137	25.18	25.38	25.34	25.90
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	
100	QPSK	135	69	25.17	25.37	25.33	25.90
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	
100	16QAM	1	1	24.63	24.83	24.79	24.90
100	64QAM	1	1	23.21	23.41	23.37	24.40
100	256QAM	1	1	21.21	21.41	21.37	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	26.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	26.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	26.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	26.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	26.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	26.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	26.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	26.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	26.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	24.20
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	24.20
20	PI/2 BPSK	25	13	22.41	22.61	22.51	24.20
20	PI/2 BPSK	25	26	22.48	22.68	22.58	24.20
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	24.20
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	24.20
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	24.20
20	16QAM	1	1	21.96	22.16	22.06	23.70
20	64QAM	1	1	21.87	22.07	21.97	23.00
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	24.20
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	24.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	24.20
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	24.20
100	PI/2 BPSK	135	69	22.51	22.71	22.61	24.20
100	PI/2 BPSK	135	138	22.58	22.78	22.68	24.20
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	24.20
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	24.20
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.70
100	64QAM	1	1	21.97	22.17	22.07	23.00
100	256QAM	1	1	20.91	20.96	20.97	21.00
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	24.20
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	24.20
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	24.20
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	24.20
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	24.20
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	24.20
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	24.20
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	24.20
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	24.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	27.20
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	27.20
100	PI/2 BPSK	135	69	25.32	25.52	25.48	27.20
100	PI/2 BPSK	135	138	25.39	25.59	25.55	27.20
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	
100	QPSK	1	137	25.18	25.38	25.34	26.20
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	
100	QPSK	135	69	25.17	25.37	25.33	26.20
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	
100	16QAM	1	1	24.63	24.83	24.79	25.20
100	64QAM	1	1	23.21	23.41	23.37	24.70
100	256QAM	1	1	21.21	21.41	21.37	22.70
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	27.20
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	27.20
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	27.20
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	27.20
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	27.20
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	27.20
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	27.20
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	27.20
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	27.20

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.24	22.60	22.43	23.40
20	PI/2 BPSK	1	26	22.48	22.72	22.60	
20	PI/2 BPSK	1	49	22.54	22.80	22.62	
20	PI/2 BPSK	25	0	22.30	22.50	22.40	23.40
20	PI/2 BPSK	25	13	22.41	22.61	22.51	23.40
20	PI/2 BPSK	25	26	22.48	22.68	22.58	23.40
20	PI/2 BPSK	50	0	22.32	22.52	22.42	
20	QPSK	1	1	22.23	22.27	22.27	23.40
20	QPSK	1	26	22.46	22.66	22.56	
20	QPSK	1	49	22.39	22.59	22.49	
20	QPSK	25	0	22.14	22.34	22.24	23.40
20	QPSK	25	13	22.38	22.58	22.48	
20	QPSK	25	26	22.42	22.62	22.52	
20	QPSK	50	0	22.26	22.46	22.36	23.40
20	16QAM	1	1	21.96	22.16	22.06	23.40
20	64QAM	1	1	21.87	22.07	21.97	22.90
20	256QAM	1	1	20.81	20.99	20.91	21.00
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.21	22.52	22.37	23.40
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.29	22.59	22.36	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.31	22.70	22.53	23.40
100	PI/2 BPSK	1	137	22.58	22.82	22.70	
100	PI/2 BPSK	1	271	22.64	22.90	22.72	
100	PI/2 BPSK	135	0	22.40	22.60	22.50	23.40
100	PI/2 BPSK	135	69	22.51	22.71	22.61	23.40
100	PI/2 BPSK	135	138	22.58	22.78	22.68	23.40
100	PI/2 BPSK	270	0	22.42	22.62	22.52	
100	QPSK	1	1	22.21	22.37	22.27	
100	QPSK	1	137	22.56	22.76	22.66	23.40
100	QPSK	1	271	22.49	22.69	22.59	
100	QPSK	135	0	22.24	22.44	22.34	
100	QPSK	135	69	22.48	22.68	22.58	23.40
100	QPSK	135	138	22.52	22.72	22.62	
100	QPSK	270	0	22.36	22.56	22.46	
100	16QAM	1	1	22.06	22.26	22.16	23.40
100	64QAM	1	1	21.97	22.17	22.07	22.90
100	256QAM	1	1	20.91	20.96	20.97	21.20
Channel				508200	518598	528996	
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.24	22.60	22.47	23.40
Channel				507204	518598	529998	
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.23	22.67	22.47	23.40
Channel				505200	518598	531996	
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.22	22.70	22.44	23.40
Channel				504204	518598	532998	
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.23	22.65	22.48	23.40
Channel				503202	518598	534000	
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.21	22.64	22.43	23.40
Channel				502200	518598	534996	
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.22	22.64	22.46	23.40
Channel				501204	518598	535998	
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.27	22.63	22.45	23.40
Channel				500700	518598	536496	
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.26	22.66	22.49	23.40
Channel				500202	518598	537000	
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.24	22.65	22.48	23.40

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BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.41	25.37	26.40
100	PI/2 BPSK	1	137	25.44	25.64	25.60	
100	PI/2 BPSK	1	271	25.50	25.70	25.66	
100	PI/2 BPSK	135	0	25.23	25.35	25.31	26.40
100	PI/2 BPSK	135	69	25.32	25.52	25.48	26.40
100	PI/2 BPSK	135	138	25.39	25.59	25.55	26.40
100	PI/2 BPSK	270	0	25.24	25.39	25.35	
100	QPSK	1	1	24.80	25.00	24.96	
100	QPSK	1	137	25.18	25.38	25.34	25.90
100	QPSK	1	271	25.39	25.59	25.55	
100	QPSK	135	0	24.98	25.18	25.14	
100	QPSK	135	69	25.17	25.37	25.33	25.90
100	QPSK	135	138	25.21	25.41	25.37	
100	QPSK	270	0	25.01	25.21	25.17	
100	16QAM	1	1	24.63	24.83	24.79	24.90
100	64QAM	1	1	23.21	23.41	23.37	24.40
100	256QAM	1	1	21.21	21.41	21.37	22.40
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.21	25.33	25.27	26.40
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.23	25.41	25.32	26.40
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.24	25.33	25.34	26.40
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.23	25.39	25.29	26.40
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.22	25.36	25.35	26.40
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.27	25.34	25.29	26.40
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.23	25.35	25.30	26.40
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.26	25.40	25.34	26.40
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.25	25.36	25.28	26.40

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	18.35	18.50	98.90
		6	2437	18.25	18.50	
		11	2462	18.45	18.50	
		12	2467	18.25	18.50	
		13	2472	18.25	18.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.65	18.50	98.90
		6	2437	17.95	18.50	
		11	2462	17.65	18.50	
		12	2467	17.55	18.50	
		13	2472	17.85	18.50	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	18.35	18.50	17.95	18.50	21.16	21.5	
		11	2462	18.45	18.50	17.95	18.50	21.22	21.5	
		12	2467	18.25	18.50	17.95	18.50	21.11	21.5	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		18.50		18.50		21.5	
		11	2462		18.50		18.50		21.5	
		12	2467		18.50		18.50		21.5	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		18.50		18.50		21.5	
		11	2462		18.50		18.50		21.5	
		12	2467		18.50		18.50		21.5	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		18.50		18.50		21.5	
		11	2462		18.50		18.50		21.5	
		12	2467		18.50		18.50		21.5	
		13	2472		17.50		17.50		20.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	13.50	not required	17.3	not required
		40	5200		15.00		13.50		17.3	
		44	5220		15.00		13.50		17.3	
		48	5240		15.00		13.50		17.3	
	802.11n-HT20 MCS0	36	5180		15.00		13.50		17.3	
		40	5200		15.00		13.50		17.3	
		44	5220		15.00		13.50		17.3	
		48	5240		15.00		13.50		17.3	
	802.11n-HT40 MCS0	38	5190		15.00		13.50		17.3	
		46	5230		15.00		13.50		17.3	
	802.11ac-VHT20 MCS0	36	5180		15.00		13.50		17.3	
		40	5200		15.00		13.50		17.3	
		44	5220		15.00		13.50		17.3	
		48	5240		15.00		13.50		17.3	
	802.11ac-VHT40 MCS0	38	5190		15.00		13.50		17.3	
		46	5230		15.00		13.50		17.3	
	802.11ac-VHT80 MCS0	42	5210		15.00		13.50		17.3	
	802.11ax-HE20 MCS0	36	5180		15.00		13.50		17.3	
		40	5200		15.00		13.50		17.3	
		44	5220		15.00		13.50		17.3	
		48	5240		15.00		13.50		17.3	
	802.11ax-HE40 MCS0	38	5190		15.00		13.50		17.3	
		46	5230		15.00		13.50		17.3	
	802.11ax-HE80 MCS0	42	5210		15.00		13.50		17.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	52	5260	not required	15.00	not required	13.50	not required	17.3	not required
		56	5280		15.00		13.50		17.3	
		60	5300		15.00		13.50		17.3	
		64	5320		15.00		13.50		17.3	
	802.11n-HT20 MCS0	52	5260		15.00		13.50		17.3	
		56	5280		15.00		13.50		17.3	
		60	5300		15.00		13.50		17.3	
		64	5320		15.00		13.50		17.3	
	802.11n-HT40 MCS0	54	5270	13.70	15.00	12.10	13.50	15.98	17.3	96.80
		62	5310	13.80	15.00	12.20	13.50	16.08	17.3	
	802.11ac-VHT20 MCS0	52	5260	not required	15.00	not required	13.50	not required	17.3	not required
		56	5280		15.00		13.50		17.3	
		60	5300		15.00		13.50		17.3	
		64	5320		15.00		13.50		17.3	
	802.11ac-VHT40 MCS0	54	5270		15.00		13.50		17.3	
		62	5310		15.00		13.50		17.3	
	802.11ac-VHT80 MCS0	58	5290	13.90	15.00	12.20	13.50	16.14	17.3	88.30
	802.11ac-VHT160 MCS0	50	5250	not required	14.00	not required	13.50	not required	16.8	not required
	802.11ax-HE20 MCS0	52	5260		15.00		13.50		17.3	
56		5280	15.00		13.50		17.3			
60		5300	15.00		13.50		17.3			
64		5320	15.00		13.50		17.3			
802.11ax-HE40 MCS0	54	5270	15.00		13.50		17.3			
	62	5310	15.00		13.50		17.3			
802.11ax-HE80 MCS0	58	5290	15.00		13.50		17.3			
802.11ax-HE160 MCS0	50	5250	14.00		13.50		16.8			

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	not required	15.00	not required	14.00	not required	17.5	not required
		116	5580		15.00		14.00		17.5	
		124	5620		15.00		14.00		17.5	
		132	5660		15.00		14.00		17.5	
		140	5700		15.00		14.00		17.5	
		144	5720		15.00		14.00		17.5	
	802.11n-HT20 MCS0	100	5500		15.00		14.00		17.5	
		116	5580		15.00		14.00		17.5	
		124	5620		15.00		14.00		17.5	
		132	5660		15.00		14.00		17.5	
		140	5700		15.00		14.00		17.5	
		144	5720		15.00		14.00		17.5	
	802.11n-HT40 MCS0	102	5510		15.00		14.00		17.5	
		110	5550		15.00		14.00		17.5	
		126	5630		15.00		14.00		17.5	
		134	5670		15.00		14.00		17.5	
		142	5710		15.00		14.00		17.5	
	802.11ac-VHT20 MCS0	100	5500		15.00		14.00		17.5	
		116	5580		15.00		14.00		17.5	
		124	5620		15.00		14.00		17.5	
		132	5660		15.00		14.00		17.5	
		140	5700		15.00		14.00		17.5	
		144	5720		15.00		14.00		17.5	
	802.11ac-VHT40 MCS0	102	5510		15.00		14.00		17.5	
		110	5550		15.00		14.00		17.5	
		126	5630		15.00		14.00		17.5	
		134	5670		15.00		14.00		17.5	
		142	5710		15.00		14.00		17.5	
	802.11ac-VHT80 MCS0	106	5530	14.10	15.00	12.70	14.00	16.47	17.5	88.30
		122	5610	14.20	15.00	12.80	14.00	16.57	17.5	
		138	5690	14.10	15.00	12.70	14.00	16.47	17.5	
802.11ac-VHT160 MCS0	114	5570	14.10	15.00	12.80	14.00	16.51	17.5	88.20	
802.11ax-HE20 MCS0	100	5500	not required	15.00	not required	14.00	not required	17.5	not required	
	116	5580		15.00		14.00		17.5		
	124	5620		15.00		14.00		17.5		
	132	5660		15.00		14.00		17.5		
	140	5700		15.00		14.00		17.5		
	144	5720		15.00		14.00		17.5		
802.11ax-HE40 MCS0	102	5510		15.00		14.00		17.5		
	110	5550		15.00		14.00		17.5		
	126	5630		15.00		14.00		17.5		
	134	5670		15.00		14.00		17.5		
	142	5710		15.00		14.00		17.5		
802.11ax-HE80 MCS0	106	5530		15.00		14.00		17.5		
	122	5610		15.00		14.00		17.5		
	138	5690		15.00		14.00		17.5		
802.11ax-HE160 MCS0	114	5570		15.00		14.00		17.5		

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	15.50	not required	13.50	not required	17.6	not required
		157	5785		15.50		13.50		17.6	
		165	5825		15.50		13.50		17.6	
	802.11n-HT20 MCS0	149	5745	not required	15.50	not required	13.50	not required	17.6	not required
		157	5785		15.50		13.50		17.6	
		165	5825		15.50		13.50		17.6	
	802.11n-HT40 MCS0	151	5755	14.30	15.50	11.70	13.50	16.20	17.6	96.80
		159	5795		15.50		13.50		17.6	
	802.11ac-VHT20 MCS0	149	5745	not required	15.50	not required	13.50	not required	17.6	not required
		157	5785		15.50		13.50		17.6	
		165	5825		15.50		13.50		17.6	
	802.11ac-VHT40 MCS0	151	5755	not required	15.50	not required	13.50	not required	17.6	not required
		159	5795		15.50		13.50		17.6	
	802.11ac-VHT80 MCS0	155	5775	14.40	15.50	11.60	13.50	16.23	17.6	88.30
	802.11ax-HE20 MCS0	149	5745	not required	15.50	not required	13.50	not required	17.6	not required
		157	5785		15.50		13.50		17.6	
		165	5825		15.50		13.50		17.6	
	802.11ax-HE40 MCS0	151	5755	not required	15.50	not required	13.50	not required	17.6	not required
		159	5795		15.50		13.50		17.6	
	802.11ax-HE80 MCS0	155	5775	not required	15.50	not required	13.50	not required	17.6	not required

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	16.00	not required	13.50	not required	17.9	not required
		173	5865		16.00		13.50		17.9	
		177	5885		16.00		13.50		17.9	
	802.11n-HT20 MCS0	169	5845	not required	16.00	not required	13.50	not required	17.9	not required
		173	5865		16.00		13.50		17.9	
		177	5885		16.00		13.50		17.9	
	802.11n-HT40 MCS0	167	5835	not required	16.00	not required	13.50	not required	17.9	not required
		175	5875		16.00		13.50		17.9	
	802.11ac-VHT20 MCS0	169	5845	not required	16.00	not required	13.50	not required	17.9	not required
		173	5865		16.00		13.50		17.9	
		177	5885		16.00		13.50		17.9	
	802.11ac-VHT40 MCS0	167	5835	not required	16.00	not required	13.50	not required	17.9	not required
		175	5875		16.00		13.50		17.9	
	802.11ac-VHT80 MCS0	171	5855	15.10	16.00	12.80	13.50	17.11	17.9	88.20
	802.11ac-VHT160 MCS0	163	5815	15.20	16.00	12.50	13.50	17.10	17.9	88.20
	802.11ax-HE20 MCS0	169	5845	not required	16.00	not required	13.50	not required	17.9	not required
		173	5865		16.00		13.50		17.9	
		177	5885		16.00		13.50		17.9	
	802.11ax-HE40 MCS0	167	5835	not required	16.00	not required	13.50	not required	17.9	not required
		175	5875		16.00		13.50		17.9	
	802.11ax-HE80 MCS0	171	5855	not required	16.00	not required	13.50	not required	17.9	not required
	802.11ax-HE160 MCS0	163	5815	not required	16.00	not required	13.50	not required	17.9	not required

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.45	16.50	98.90
		6	2437	16.45	16.50	
		11	2462	16.45	16.50	
		12	2467	16.45	16.50	
		13	2472	16.45	16.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.75	16.00	98.90
		6	2437	14.95	16.00	
		11	2462	15.00	16.00	
		12	2467	14.65	16.00	
		13	2472	14.75	16.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.15	16.50	14.85	16.00	18.56	19.3	93.40
		6	2437	16.15	16.50	14.85	16.00	18.56	19.3	
		11	2462	16.45	16.50	14.75	16.00	18.69	19.3	
		12	2467	16.25	16.50	14.75	16.00	18.57	19.3	
		13	2472	16.35	16.50	14.75	16.00	18.63	19.3	
	802.11n-HT20 MCS0	1	2412	not required	16.50	not required	16.00	16.00	19.3	not required
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	
	802.11ac-VHT20 MCS0	1	2412		16.50		16.00		19.3	
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	
	802.11ax-HE20 MCS0	1	2412		16.50		16.00		19.3	
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	14.50	not required	12.50	not required	16.6	not required
		40	5200		14.50		12.50		16.6	
		44	5220		14.50		12.50		16.6	
		48	5240		14.50		12.50		16.6	
	802.11n-HT20 MCS0	36	5180		14.50		12.50		16.6	
		40	5200		14.50		12.50		16.6	
		44	5220		14.50		12.50		16.6	
		48	5240		14.50		12.50		16.6	
	802.11n-HT40 MCS0	38	5190		14.50		12.50		16.6	
		46	5230		14.50		12.50		16.6	
	802.11ac-VHT20 MCS0	36	5180		14.50		12.50		16.6	
		40	5200		14.50		12.50		16.6	
		44	5220		14.50		12.50		16.6	
		48	5240		14.50		12.50		16.6	
	802.11ac-VHT40 MCS0	38	5190		14.50		12.50		16.6	
		46	5230		14.50		12.50		16.6	
	802.11ac-VHT80 MCS0	42	5210		14.50		12.50		16.6	
	802.11ax-HE20 MCS0	36	5180		14.50		12.50		16.6	
		40	5200		14.50		12.50		16.6	
		44	5220		14.50		12.50		16.6	
		48	5240		14.50		12.50		16.6	
	802.11ax-HE40 MCS0	38	5190		14.50		12.50		16.6	
		46	5230		14.50		12.50		16.6	
	802.11ax-HE80 MCS0	42	5210		14.50		12.50		16.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	52	5260	not required	14.50	not required	12.50	not required	16.6	not required
		56	5280		14.50		12.50		16.6	
		60	5300		14.50		12.50		16.6	
		64	5320		14.50		12.50		16.6	
	802.11n-HT20 MCS0	52	5260		14.50		12.50		16.6	
		56	5280		14.50		12.50		16.6	
		60	5300		14.50		12.50		16.6	
		64	5320		14.50		12.50		16.6	
	802.11n-HT40 MCS0	54	5270	13.70	14.50	12.10	12.50	15.98	16.6	96.80
		62	5310	13.80	14.50	12.20	12.50	16.08	16.6	
	802.11ac-VHT20 MCS0	52	5260	not required	14.50	not required	12.50	not required	16.6	not required
		56	5280		14.50		12.50		16.6	
		60	5300		14.50		12.50		16.6	
		64	5320		14.50		12.50		16.6	
	802.11ac-VHT40 MCS0	54	5270		14.50		12.50		16.6	
		62	5310		14.50		12.50		16.6	
	802.11ac-VHT80 MCS0	58	5290	13.90	14.50	12.20	12.50	16.14	16.6	88.30
	802.11ac-VHT160 MCS0	50	5250	not required	14.00	not required	12.50	not required	16.3	not required
	802.11ax-HE20 MCS0	52	5260		14.50		12.50		16.6	
		56	5280		14.50		12.50		16.6	
		60	5300		14.50		12.50		16.6	
		64	5320		14.50		12.50		16.6	
	802.11ax-HE40 MCS0	54	5270		14.50		12.50		16.6	
		62	5310		14.50		12.50		16.6	
	802.11ax-HE80 MCS0	58	5290		14.50		12.50		16.6	
802.11ax-HE160 MCS0	50	5250	14		12.50		16.3			

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	not required	14.50	not required	12.50	not required	16.6	not required
		116	5580		14.50		12.50		16.6	
		124	5620		14.50		12.50		16.6	
		132	5660		14.50		12.50		16.6	
		140	5700		14.50		12.50		16.6	
		144	5720		14.50		12.50		16.6	
	802.11n-HT20 MCS0	100	5500		14.50		12.50		16.6	
		116	5580		14.50		12.50		16.6	
		124	5620		14.50		12.50		16.6	
		132	5660		14.50		12.50		16.6	
		140	5700		14.50		12.50		16.6	
		144	5720		14.50		12.50		16.6	
	802.11n-HT40 MCS0	102	5510		14.50		12.50		16.6	
		110	5550		14.50		12.50		16.6	
		126	5630		14.50		12.50		16.6	
		134	5670		14.50		12.50		16.6	
		142	5710		14.50		12.50		16.6	
	802.11ac-VHT20 MCS0	100	5500		14.50		12.50		16.6	
		116	5580		14.50		12.50		16.6	
		124	5620		14.50		12.50		16.6	
		132	5660		14.50		12.50		16.6	
		140	5700		14.50		12.50		16.6	
		144	5720		14.50		12.50		16.6	
	802.11ac-VHT40 MCS0	102	5510		14.50		12.50		16.6	
		110	5550		14.50		12.50		16.6	
		126	5630		14.50		12.50		16.6	
		134	5670		14.50		12.50		16.6	
		142	5710		14.50		12.50		16.6	
	802.11ac-VHT80 MCS0	106	5530	14.20	14.50	12.20	12.50	16.32	16.6	88.30
		122	5610	14.20	14.50	12.10	12.50	16.29	16.6	
		138	5690	14.10	14.50	12.10	12.50	16.22	16.6	
802.11ac-VHT160 MCS0	114	5570	14.10	14.50	12.10	12.50	16.22	16.6	88.20	
802.11ax-HE20 MCS0	100	5500	not required	14.50	not required	12.50	not required	16.6	not required	
	116	5580		14.50		12.50		16.6		
	124	5620		14.50		12.50		16.6		
	132	5660		14.50		12.50		16.6		
	140	5700		14.50		12.50		16.6		
	144	5720		14.50		12.50		16.6		
802.11ax-HE40 MCS0	102	5510		14.50		12.50		16.6		
	110	5550		14.50		12.50		16.6		
	126	5630		14.50		12.50		16.6		
	134	5670		14.50		12.50		16.6		
	142	5710		14.50		12.50		16.6		
802.11ax-HE80 MCS0	106	5530		14.50		12.50		16.6		
	122	5610		14.50		12.50		16.6		
	138	5690		14.50		12.50		16.6		
802.11ax-HE160 MCS0	114	5570		14.50		12.50		16.6		

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
	802.11n-HT20 MCS0	149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
	802.11n-HT40 MCS0	151	5755	14.30	15.00	11.70	13.00	16.20	17.1	96.80
		159	5795		15.00		13.00		17.1	
	802.11ac-VHT20 MCS0	149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
	802.11ac-VHT40 MCS0	151	5755	not required	15.00	not required	13.00	not required	17.1	not required
		159	5795		15.00		13.00		17.1	
	802.11ac-VHT80 MCS0	155	5775	14.40	15.00	11.60	13.00	16.23	17.1	88.30
	802.11ax-HE20 MCS0	149	5745	not required	15.00	not required	13.00	not required	17.1	not required
		157	5785		15.00		13.00		17.1	
		165	5825		15.00		13.00		17.1	
	802.11ax-HE40 MCS0	151	5755	not required	15.00	not required	13.00	not required	17.1	not required
		159	5795		15.00		13.00		17.1	
	802.11ax-HE80 MCS0	155	5775	not required	15.00	not required	13.00	not required	17.1	not required

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
	802.11n-HT20 MCS0	169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
	802.11n-HT40 MCS0	167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
	802.11ac-VHT20 MCS0	169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
	802.11ac-VHT40 MCS0	167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
	802.11ac-VHT80 MCS0	171	5855	14.70	15.50	11.70	12.50	16.46	17.3	88.20
	802.11ac-VHT160 MCS0	163	5815	15.20	15.50	12.50	12.50	17.07	17.3	88.20
	802.11ax-HE20 MCS0	169	5845	not required	15.50	not required	12.50	not required	17.3	not required
		173	5865		15.50		12.50		17.3	
		177	5885		15.50		12.50		17.3	
	802.11ax-HE40 MCS0	167	5835	not required	15.50	not required	12.50	not required	17.3	not required
		175	5875		15.50		12.50		17.3	
	802.11ax-HE80 MCS0	171	5855	not required	15.50	not required	12.50	not required	17.3	not required
	802.11ax-HE160 MCS0	163	5815	not required	15.50	not required	12.50	not required	17.3	not required

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.45	16.50	98.90
		6	2437	16.45	16.50	
		11	2462	16.45	16.50	
		12	2467	16.45	16.50	
		13	2472	16.45	16.50	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	14.75	16.00	98.90
		6	2437	14.95	16.00	
		11	2462	15.00	16.00	
		12	2467	14.65	16.00	
		13	2472	14.75	16.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.15	16.50	14.85	16.00	18.56	19.3	93.40
		6	2437	16.15	16.50	14.85	16.00	18.56	19.3	
		11	2462	16.45	16.50	14.75	16.00	18.69	19.3	
		12	2467	16.25	16.50	14.75	16.00	18.57	19.3	
		13	2472	16.35	16.50	14.75	16.00	18.63	19.3	
	802.11n-HT20 MCS0	1	2412	not required	16.50	not required	16.00	not required	19.3	not required
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	
	802.11ac-VHT20 MCS0	1	2412	not required	16.50	not required	16.00	not required	19.3	not required
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	
	802.11ax-HE20 MCS0	1	2412	not required	16.50	not required	16.00	not required	19.3	not required
		6	2437		16.50		16.00		19.3	
		11	2462		16.50		16.00		19.3	
		12	2467		16.50		16.00		19.3	
		13	2472		16.50		16.00		19.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	11.00	not required	8.50	not required	12.9	not required
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11ac-VHT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT80 MCS0	42	5210		11.00		8.50		12.9	
	802.11ax-HE20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11ax-HE40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ax-HE80 MCS0	42	5210		11.00		8.50		12.9	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	11.00	not required	8.50	not required	12.9	not required
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11n-HT20 MCS0	52	5260		11.00		8.50		12.9	
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11n-HT40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ac-VHT20 MCS0	52	5260		11.00		8.50		12.9	
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11ac-VHT40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ac-VHT80 MCS0	58	5290		11.00		8.50		12.9	
	802.11ac-VHT160 MCS0	50	5250	10.80	11.00	8.20	8.50	12.70	12.9	88.20
	802.11ax-HE20 MCS0	52	5260	not required	11.00	not required	8.50	not required	12.9	not required
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11ax-HE40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ax-HE80 MCS0	58	5290		11.00		8.50		12.9	
	802.11ax-HE160 MCS0	50	5250		11.00		8.50		12.9	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	not required	11.00	not required	9.50	not required	13.3	not required
		116	5580		11.00		9.50		13.3	
		124	5620		11.00		9.50		13.3	
		132	5660		11.00		9.50		13.3	
		140	5700		11.00		9.50		13.3	
		144	5720		11.00		9.50		13.3	
	802.11n-HT20 MCS0	100	5500		11.00		9.50		13.3	
		116	5580		11.00		9.50		13.3	
		124	5620		11.00		9.50		13.3	
		132	5660		11.00		9.50		13.3	
		140	5700		11.00		9.50		13.3	
		144	5720		11.00		9.50		13.3	
	802.11n-HT40 MCS0	102	5510		11.00		9.50		13.3	
		110	5550		11.00		9.50		13.3	
		126	5630		11.00		9.50		13.3	
		134	5670		11.00		9.50		13.3	
		142	5710		11.00		9.50		13.3	
	802.11ac-VHT20 MCS0	100	5500		11.00		9.50		13.3	
		116	5580		11.00		9.50		13.3	
		124	5620		11.00		9.50		13.3	
		132	5660		11.00		9.50		13.3	
		140	5700		11.00		9.50		13.3	
		144	5720		11.00		9.50		13.3	
	802.11ac-VHT40 MCS0	102	5510		11.00		9.50		13.3	
		110	5550		11.00		9.50		13.3	
		126	5630		11.00		9.50		13.3	
		134	5670		11.00		9.50		13.3	
		142	5710		11.00		9.50		13.3	
	802.11ac-VHT80 MCS0	106	5530		11.00		9.50		13.3	
		122	5610		11.00		9.50		13.3	
138		5690	11.00		9.50		13.3			
802.11ac-VHT160 MCS0	114	5570	9.70	11.00	8.40	9.50	12.11	13.3	88.20	
802.11ax-HE20 MCS0	100	5500	not required	11.00	not required	9.50	not required	13.3	not required	
	116	5580		11.00		9.50		13.3		
	124	5620		11.00		9.50		13.3		
	132	5660		11.00		9.50		13.3		
	140	5700		11.00		9.50		13.3		
	144	5720		11.00		9.50		13.3		
802.11ax-HE40 MCS0	102	5510		11.00		9.50		13.3		
	110	5550		11.00		9.50		13.3		
	126	5630		11.00		9.50		13.3		
	134	5670		11.00		9.50		13.3		
	142	5710		11.00		9.50		13.3		
802.11ax-HE80 MCS0	106	5530		11.00		9.50		13.3		
	122	5610		11.00		9.50		13.3		
	138	5690		11.00		9.50		13.3		
802.11ax-HE160 MCS0	114	5570		11.00		9.50		13.3		

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11n-HT20 MCS0	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11n-HT40 MCS0	151	5755	not required	12.00	not required	9.00	not required	13.8	not required
		159	5795		12.00		9.00		13.8	
	802.11ac-VHT20 MCS0	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11ac-VHT40 MCS0	151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
	802.11ac-VHT80 MCS0	155	5775		11.20		9.00	12.96	13.8	88.30
	802.11ax-HE20 MCS0	149	5745		12.00		9.00	not required	13.8	not required
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11ax-HE40 MCS0	151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
	802.11ax-HE80 MCS0	155	5775		12.00		9.00		13.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11n-HT20 MCS0	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11n-HT40 MCS0	167	5835	not required	12.00	not required	9.00	not required	13.8	not required
		175	5875		12.00		9.00		13.8	
	802.11ac-VHT20 MCS0	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11ac-VHT40 MCS0	167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
	802.11ac-VHT80 MCS0	171	5855		12.00		9.00		13.8	
	802.11ac-VHT160 MCS0	163	5815		11.30		9.00	13.10	13.8	88.20
	802.11ax-HE20 MCS0	169	5845		12.00	not required	9.00	not required	13.8	not required
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11ax-HE40 MCS0	167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
	802.11ax-HE80 MCS0	171	5855		12.00		9.00		13.8	
	802.11ax-HE160 MCS0	163	5815		12.00		9.00		13.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	10.95	11.00	98.90
		6	2437	10.95	11.00	
		11	2462	10.65	11.00	
		12	2467	10.55	11.00	
		13	2472	10.65	11.00	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	9.75	11.00	98.90
		6	2437	9.95	11.00	
		11	2462	10.00	11.00	
		12	2467	9.75	11.00	
		13	2472	9.85	11.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	10.85	11.00	9.85	11.00	13.39	14.0	93.40
		6	2437	10.75	11.00	9.95	11.00	13.38	14.0	
		11	2462	10.65	11.00	9.85	11.00	13.28	14.0	
		12	2467	10.55	11.00	9.85	11.00	13.22	14.0	
		13	2472	10.75	11.00	9.95	11.00	13.38	14.0	
	802.11n-HT20 MCS0	1	2412		11.00		11.00		14.0	not required
		6	2437		11.00		11.00		14.0	
		11	2462		11.00		11.00		14.0	
		12	2467		11.00		11.00		14.0	
		13	2472		11.00		11.00		14.0	
	802.11ac-VHT20 MCS0	1	2412	not required	11.00	not required	11.00	not required	14.0	
		6	2437		11.00		11.00		14.0	
		11	2462		11.00		11.00		14.0	
		12	2467		11.00		11.00		14.0	
		13	2472		11.00		11.00		14.0	
	802.11ax-HE20 MCS0	1	2412		11.00		11.00		14.0	
		6	2437		11.00		11.00		14.0	
		11	2462		11.00		11.00		14.0	
		12	2467		11.00		11.00		14.0	
		13	2472		11.00		11.00		14.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	11.00	not required	8.50	not required	12.9	not required
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11n-HT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11ac-VHT40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ac-VHT80 MCS0	42	5210		11.00		8.50		12.9	
	802.11ax-HE20 MCS0	36	5180		11.00		8.50		12.9	
		40	5200		11.00		8.50		12.9	
		44	5220		11.00		8.50		12.9	
		48	5240		11.00		8.50		12.9	
	802.11ax-HE40 MCS0	38	5190		11.00		8.50		12.9	
		46	5230		11.00		8.50		12.9	
	802.11ax-HE80 MCS0	42	5210		11.00		8.50		12.9	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	11.00	not required	8.50	not required	12.9	not required
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11n-HT20 MCS0	52	5260		11.00		8.50		12.9	
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11n-HT40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ac-VHT20 MCS0	52	5260		11.00		8.50		12.9	
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11ac-VHT40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ac-VHT80 MCS0	58	5290		11.00		8.50		12.9	
	802.11ac-VHT160 MCS0	50	5250	10.80	11.00	8.20	8.50	12.70	12.9	88.20
	802.11ax-HE20 MCS0	52	5260	not required	11.00	not required	8.50	not required	12.9	not required
		56	5280		11.00		8.50		12.9	
		60	5300		11.00		8.50		12.9	
		64	5320		11.00		8.50		12.9	
	802.11ax-HE40 MCS0	54	5270		11.00		8.50		12.9	
		62	5310		11.00		8.50		12.9	
	802.11ax-HE80 MCS0	58	5290		11.00		8.50		12.9	
	802.11ax-HE160 MCS0	50	5250		11.00		8.50		12.9	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	not required	10.50	not required	9.00	not required	12.8	not required
		116	5580		10.50		9.00		12.8	
		124	5620		10.50		9.00		12.8	
		132	5660		10.50		9.00		12.8	
		140	5700		10.50		9.00		12.8	
		144	5720		10.50		9.00		12.8	
	802.11n-HT20 MCS0	100	5500		10.50		9.00		12.8	
		116	5580		10.50		9.00		12.8	
		124	5620		10.50		9.00		12.8	
		132	5660		10.50		9.00		12.8	
		140	5700		10.50		9.00		12.8	
		144	5720		10.50		9.00		12.8	
	802.11n-HT40 MCS0	102	5510		10.50		9.00		12.8	
		110	5550		10.50		9.00		12.8	
		126	5630		10.50		9.00		12.8	
		134	5670		10.50		9.00		12.8	
		142	5710		10.50		9.00		12.8	
	802.11ac-VHT20 MCS0	100	5500		10.50		9.00		12.8	
		116	5580		10.50		9.00		12.8	
		124	5620		10.50		9.00		12.8	
		132	5660		10.50		9.00		12.8	
		140	5700		10.50		9.00		12.8	
		144	5720		10.50		9.00		12.8	
	802.11ac-VHT40 MCS0	102	5510		10.50		9.00		12.8	
		110	5550		10.50		9.00		12.8	
		126	5630		10.50		9.00		12.8	
		134	5670		10.50		9.00		12.8	
		142	5710		10.50		9.00		12.8	
	802.11ac-VHT80 MCS0	106	5530		10.50		9.00		12.8	
		122	5610		10.50		9.00		12.8	
138		5690	10.50		9.00		12.8			
802.11ac-VHT160 MCS0	114	5570	9.70	10.50	8.40	9.00	12.11	12.8	88.20	
802.11ax-HE20 MCS0	100	5500	not required	10.50	not required	9.00	not required	12.8	not required	
	116	5580		10.50		9.00		12.8		
	124	5620		10.50		9.00		12.8		
	132	5660		10.50		9.00		12.8		
	140	5700		10.50		9.00		12.8		
	144	5720		10.50		9.00		12.8		
802.11ax-HE40 MCS0	102	5510		10.50		9.00		12.8		
	110	5550		10.50		9.00		12.8		
	126	5630		10.50		9.00		12.8		
	134	5670		10.50		9.00		12.8		
	142	5710		10.50		9.00		12.8		
802.11ax-HE80 MCS0	106	5530		10.50		9.00		12.8		
	122	5610		10.50		9.00		12.8		
	138	5690		10.50		9.00		12.8		
802.11ax-HE160 MCS0	114	5570		10.50		9.00		12.8		

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11n-HT20 MCS0	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11n-HT40 MCS0	151	5755	not required	12.00	not required	9.00	not required	13.8	not required
		159	5795		12.00		9.00		13.8	
	802.11ac-VHT20 MCS0	149	5745		12.00		9.00		13.8	
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11ac-VHT40 MCS0	151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
	802.11ac-VHT80 MCS0	155	5775		11.20		9.00	12.96	13.8	88.30
	802.11ax-HE20 MCS0	149	5745		12.00		9.00	not required	13.8	not required
		157	5785		12.00		9.00		13.8	
		165	5825		12.00		9.00		13.8	
	802.11ax-HE40 MCS0	151	5755		12.00		9.00		13.8	
		159	5795		12.00		9.00		13.8	
	802.11ax-HE80 MCS0	155	5775		12.00		9.00		13.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11n-HT20 MCS0	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11n-HT40 MCS0	167	5835	not required	12.00	not required	9.00	not required	13.8	not required
		175	5875		12.00		9.00		13.8	
	802.11ac-VHT20 MCS0	169	5845		12.00		9.00		13.8	
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11ac-VHT40 MCS0	167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
	802.11ac-VHT80 MCS0	171	5855		12.00		9.00		13.8	
	802.11ac-VHT160 MCS0	163	5815		11.30		9.00	13.06	13.8	88.20
	802.11ax-HE20 MCS0	169	5845		12.00	not required	9.00	not required	13.8	not required
		173	5865		12.00		9.00		13.8	
		177	5885		12.00		9.00		13.8	
	802.11ax-HE40 MCS0	167	5835		12.00		9.00		13.8	
		175	5875		12.00		9.00		13.8	
	802.11ax-HE80 MCS0	171	5855		12.00		9.00		13.8	
	802.11ax-HE160 MCS0	163	5815		12.00		9.00		13.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.55	22.00	98.90
		6	2437	21.55	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.75	22.00	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.75	22.00	98.90
		6	2437	21.85	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.95	22.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	20.95	21.50	21.25	21.50	24.11	24.5	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	not required
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	42	5210		16.50		16.50		19.5	
	802.11ax-HE20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	42	5210		16.50		16.50		19.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.90	20.00	19.50	20.00	22.71	23.0	93.42
		56	5280	19.90	20.00	19.30	20.00	22.62	23.0	
		60	5300	19.00	19.00	18.20	19.00	21.63	22.0	
		64	5320	19.30	19.50	18.40	19.50	21.88	22.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11n-HT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.50		16.50		19.5	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	18.00	19.00	19.70	20.00	21.94	22.5	93.60
		116	5580	18.10	19.00	19.60	20.00	21.92	22.5	
		124	5620	18.20	19.00	19.40	20.00	21.85	22.5	
		132	5660	18.10	19.00	19.50	20.00	21.87	22.5	
		144	5720	18.00	19.00	19.70	20.00	21.94	22.5	
	802.11n-HT20 MCS0	100	5500	not required	19.00	not required	19.50	not required	22.3	not required
		116	5580		19.00		20.00		22.5	
		124	5620		19.00		20.00		22.5	
		132	5660		19.00		20.00		22.5	
		140	5700		19.00		19.00		22.0	
		144	5720		19.00		20.00		22.5	
	802.11n-HT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	100	5500		19.00		19.50		22.3	
		116	5580		19.00		20.00		22.5	
		124	5620		19.00		20.00		22.5	
		132	5660		19.00		20.00		22.5	
		140	5700		19.00		19.00		22.0	
		144	5720		19.00		20.00		22.5	
	802.11ac-VHT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		not required		19.00		not required	
		142	5710		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	106	5530		16.00		16.00		19.0	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ac-VHT160 MCS0	114	5570		15.00		15.00		18.0	
	802.11ax-HE20 MCS0	100	5500		19.00		19.50		22.3	
		116	5580		19.00		20.00		22.5	
		124	5620		19.00		20.00		22.5	
		132	5660		19.00		20.00		22.5	
		140	5700		19.00		19.00		22.0	
		144	5720		19.00		20.00		22.5	
	802.11ax-HE40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		19.00		19.00		22.0	
		126	5630		19.00		19.00		22.0	
		134	5670		19.00		19.00		22.0	
		142	5710		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	106	5530		16.00		16.00		19.0	
		122	5610		19.00		19.00		22.0	
		138	5690		19.00		19.00		22.0	
	802.11ax-HE160 MCS0	114	5570		15.00		15.00		18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	18.40	18.50	19.90	20.00	22.22	22.3	93.60
		157	5785	18.40	18.50	19.70	20.00	22.11	22.3	
		165	5825	18.20	18.50	19.90	20.00	22.18	22.3	
	802.11n-HT20 MCS0	149	5745	not required	18.50	not required	20.00	not required	22.3	not required
		157	5785		18.50		20.00		22.3	
		165	5825		18.50		20.00		22.3	
	802.11n-HT40 MCS0	151	5755		18.50		19.00		21.8	
		159	5795		18.50		19.00		21.8	
	802.11ac-VHT20 MCS0	149	5745		18.50		20.00		22.3	
		157	5785		18.50		20.00		22.3	
		165	5825		18.50		20.00		22.3	
	802.11ac-VHT40 MCS0	151	5755		18.50		19.00		21.8	
		159	5795		18.50		19.00		21.8	
	802.11ac-VHT80 MCS0	155	5775		18.50		19.00		21.8	
	802.11ax-HE20 MCS0	149	5745		18.50		20.00		22.3	
		157	5785		18.50		20.00		22.3	
		165	5825		18.50		20.00		22.3	
	802.11ax-HE40 MCS0	151	5755		18.50		19.00		21.8	
		159	5795		18.50		19.00		21.8	
	802.11ax-HE80 MCS0	155	5775		18.50		19.00		21.8	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	18.40	18.50	19.90	20.00	22.22	22.3	93.60
		173	5865	18.40	18.50	19.70	20.00	22.11	22.3	
		177	5885	18.40	18.50	19.90	20.00	22.22	22.3	
	802.11n-HT20 MCS0	169	5845	not required	18.50	not required	20.00	not required	22.3	not required
		173	5865		18.50		20.00		22.3	
		177	5885		18.50		20.00		22.3	
	802.11n-HT40 MCS0	167	5835		18.50		19.00		21.8	
		175	5875		18.50		19.00		21.8	
	802.11ac-VHT20 MCS0	169	5845		18.50		20.00		22.3	
		173	5865		18.50		20.00		22.3	
		177	5885		18.50		20.00		22.3	
	802.11ac-VHT40 MCS0	167	5835		18.50		19.00		21.8	
		175	5875		18.50		19.00		21.8	
	802.11ac-VHT80 MCS0	171	5855		18.50		19.00		21.8	
	802.11ac-VHT160 MCS0	163	5815		18.50		19.00		21.8	
		169	5845		18.50		20.00		22.3	
		173	5865		18.50		20.00		22.3	
	802.11ax-HE20 MCS0	177	5885		18.50		20.00		22.3	
		167	5835		18.50		19.00		21.8	
	802.11ax-HE40 MCS0	175	5875		18.50		19.00		21.8	
		171	5855		18.50		19.00		21.8	
	802.11ax-HE80 MCS0	163	5815		18.50		19.00		21.8	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.55	22.00	98.90
		6	2437	21.55	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.75	22.00	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	21.75	22.00	98.90
		6	2437	21.85	22.00	
		11	2462	21.75	22.00	
		12	2467	21.75	22.00	
		13	2472	21.95	22.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	20.95	21.50	21.25	21.50	24.11	24.5	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	
		6	2437		21.50		21.50		24.5	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412		18.00		18.00		21.0	
		6	2437		21.00		21.00		24.0	
		11	2462		19.00		19.00		22.0	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	20.00	not required	20.00	not required	23.0	not required
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ac-VHT80 MCS0	42	5210		16.50		16.50		19.5	
	802.11ax-HE20 MCS0	36	5180		20.00		20.00		23.0	
		40	5200		20.00		20.00		23.0	
		44	5220		20.00		20.00		23.0	
		48	5240		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		19.00		19.00		22.0	
	802.11ax-HE80 MCS0	42	5210		16.50		16.50		19.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	19.90	20.00	19.50	20.00	22.71	23.0	93.42
		56	5280	19.90	20.00	19.30	20.00	22.62	23.0	
		60	5300	19.00	19.00	18.20	19.00	21.63	22.0	
		64	5320	19.30	19.50	18.40	19.50	21.88	22.5	
	802.11n-HT20 MCS0	52	5260	not required	20.00	not required	20.00	not required	23.0	not required
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11n-HT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11ac-VHT40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		17.00		17.00		20.0	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		20.00		20.00		23.0	
		56	5280		20.00		20.00		23.0	
		60	5300		20.00		20.00		23.0	
		64	5320		20.00		20.00		23.0	
	802.11ax-HE40 MCS0	54	5270		19.00		19.00		22.0	
		62	5310		16.50		16.50		19.5	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	18.00	18.50	19.70	20.00	21.94	22.3	93.60
		116	5580	18.10	18.50	19.60	20.00	21.92	22.3	
		124	5620	18.20	18.50	19.40	20.00	21.85	22.3	
		132	5660	18.10	18.50	19.50	20.00	21.87	22.3	
		144	5720	18.00	18.50	19.70	20.00	21.94	22.3	
	802.11n-HT20 MCS0	100	5500	not required	18.50	not required	19.50	not required	22.0	not required
		116	5580		18.50		20.00		22.3	
		124	5620		18.50		20.00		22.3	
		132	5660		18.50		20.00		22.3	
		140	5700		18.50		19.00		21.8	
		144	5720		18.50		20.00		22.3	
	802.11n-HT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		18.50		19.00		21.8	
		126	5630		18.50		19.00		21.8	
		134	5670		18.50		19.00		21.8	
		142	5710		18.50		19.00		21.8	
	802.11ac-VHT20 MCS0	100	5500		18.50		19.50		22.0	
		116	5580		18.50		20.00		22.3	
		124	5620		18.50		20.00		22.3	
		132	5660		18.50		20.00		22.3	
		140	5700		18.50		19.00		21.8	
		144	5720		18.50		20.00		22.3	
	802.11ac-VHT40 MCS0	102	5510		17.00		17.00		20.0	
		110	5550		18.50		19.00		21.8	
		126	5630		18.50		19.00		21.8	
		134	5670	not required	18.50	not required	19.00	not required	21.8	not required
		142	5710	18.50	19.00	21.8				
802.11ac-VHT80 MCS0	106	5530	16.00	16.00	19.0					
	122	5610	18.50	19.00	21.8					
	138	5690	18.50	19.00	21.8					
802.11ac-VHT160 MCS0	114	5570	15.00	15.00	18.0					
802.11ax-HE20 MCS0	100	5500	18.50	19.50	22.0					
	116	5580	18.50	20.00	22.3					
	124	5620	18.50	20.00	22.3					
	132	5660	18.50	20.00	22.3					
	140	5700	18.50	19.00	21.8					
	144	5720	18.50	20.00	22.3					
802.11ax-HE40 MCS0	102	5510	17.00	17.00	20.0					
	110	5550	18.50	19.00	21.8					
	126	5630	18.50	19.00	21.8					
	134	5670	18.50	19.00	21.8					
	142	5710	18.50	19.00	21.8					
802.11ax-HE80 MCS0	106	5530	16.00	16.00	19.0					
	122	5610	18.50	19.00	21.8					
	138	5690	18.50	19.00	21.8					
802.11ax-HE160 MCS0	114	5570	15.00	15.00	18.0					

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745	17.30	17.50	19.30	19.50	21.42	21.6	93.60
		157	5785	17.20	17.50	19.00	19.50	21.20	21.6	
		165	5825	17.30	17.50	19.50	19.50	21.55	21.6	
	802.11n-HT20 MCS0	149	5745	not required	17.50	not required	19.50	not required	21.6	not required
		157	5785		17.50		19.50		21.6	
		165	5825		17.50		19.50		21.6	
	802.11n-HT40 MCS0	151	5755		17.50		19.00		21.3	
		159	5795		17.50		19.00		21.3	
	802.11ac-VHT20 MCS0	149	5745		17.50		19.50		21.6	
		157	5785		17.50		19.50		21.6	
		165	5825		17.50		19.50		21.6	
	802.11ac-VHT40 MCS0	151	5755		17.50		19.00		21.3	
		159	5795		17.50		19.00		21.3	
	802.11ac-VHT80 MCS0	155	5775		17.50		19.00		21.3	
	802.11ax-HE20 MCS0	149	5745		17.50		19.50		21.6	
		157	5785		17.50		19.50		21.6	
		165	5825		17.50		19.50		21.6	
	802.11ax-HE40 MCS0	151	5755		17.50		19.00		21.3	
		159	5795		17.50		19.00		21.3	
	802.11ax-HE80 MCS0	155	5775		17.50		19.00		21.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845	17.50	17.50	19.40	19.50	21.56	21.6	93.60
		173	5865	17.50	17.50	19.30	19.50	21.50	21.6	
		177	5885	17.50	17.50	19.30	19.50	21.50	21.6	
	802.11n-HT20 MCS0	169	5845	not required	17.50	not required	19.50	not required	21.6	not required
		173	5865		17.50		19.50		21.6	
		177	5885		17.50		19.50		21.6	
	802.11n-HT40 MCS0	167	5835		17.50		19.00		21.3	
		175	5875		17.50		19.00		21.3	
	802.11ac-VHT20 MCS0	169	5845		17.50		19.50		21.6	
		173	5865		17.50		19.50		21.6	
		177	5885		17.50		19.50		21.6	
	802.11ac-VHT40 MCS0	167	5835		17.50		19.00		21.3	
		175	5875		17.50		19.00		21.3	
	802.11ac-VHT80 MCS0	171	5855		17.50		19.00		21.3	
	802.11ac-VHT160 MCS0	163	5815		17.50		19.00		21.3	
		169	5845		17.50		19.50		21.6	
		173	5865		17.50		19.50		21.6	
	802.11ax-HE20 MCS0	177	5885		17.50		19.50		21.6	
		167	5835		17.50		19.00		21.3	
	802.11ax-HE40 MCS0	175	5875		17.50		19.00		21.3	
		171	5855		17.50		19.00		21.3	
	802.11ax-HE80 MCS0	163	5815		17.50		19.00		21.3	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	19.95	20.00	98.90
		6	2437	19.95	20.00	
		11	2462	19.65	20.00	
		12	2467	19.75	20.00	
		13	2472	19.95	20.00	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	20.45	20.50	98.90
		6	2437	20.45	20.50	
		11	2462	20.35	20.50	
		12	2467	20.35	20.50	
		13	2472	20.45	20.50	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	17.95	18.50	17.55	18.50	20.76	21.5	93.40
		6	2437	19.65	20.00	20.45	20.50	23.08	23.3	
		11	2462	19.25	19.50	19.35	19.50	22.31	22.5	
		12	2467	18.35	19.00	18.95	19.00	21.67	22.0	
		13	2472	17.15	17.50	17.05	17.50	20.11	20.5	
	802.11n-HT20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ac-VHT20 MCS0	1	2412	not required	18.50	not required	18.50	not required	21.5	
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	
	802.11ax-HE20 MCS0	1	2412		18.50		18.50		21.5	
		6	2437		20.00		20.50		23.3	
		11	2462		19.50		19.50		22.5	
		12	2467		19.00		19.00		22.0	
		13	2472		17.50		17.50		20.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	16.00	not required	17.00	not required	19.5	not required
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.50		19.3	
	802.11ax-HE20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ax-HE80 MCS0	42	5210		16.00		16.50		19.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	16.00	not required	17.00	not required	19.5	not required
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11n-HT20 MCS0	52	5260		16.00		17.00		19.5	
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11n-HT40 MCS0	54	5270	15.30	16.00	16.40	17.00	18.90	19.5	96.60
		62	5310	15.30	16.00	16.40	17.00	18.90	19.5	
	802.11ac-VHT20 MCS0	52	5260	not required	16.00	not required	17.00	not required	19.5	not required
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11ac-VHT40 MCS0	54	5270		16.00		17.00		19.5	
		62	5310		16.00		17.00		19.5	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		16.00		17.00		19.5	
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11ax-HE40 MCS0	54	5270		16.00		17.00		19.5	
		62	5310		16.00		17.00		19.5	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11a 6Mbps	100	5500	15.40	15.50	19.70	20.00	21.07	21.3	93.60
		116	5580	15.40	15.50	19.90	20.00	21.22	21.3	
		124	5620	15.40	15.50	19.90	20.00	21.22	21.3	
		132	5660	15.40	15.50	19.90	20.00	21.22	21.3	
		144	5720	15.40	15.50	20.00	20.00	21.29	21.3	
	802.11n-HT20 MCS0	100	5500	not required	15.50	not required	19.50	not required	21.0	not required
		116	5580		15.50		20.00		21.3	
		124	5620		15.50		20.00		21.3	
		132	5660		15.50		20.00		21.3	
		140	5700		15.50		19.00		20.6	
		144	5720		15.50		20.00		21.3	
	802.11n-HT40 MCS0	102	5510		15.50		17.00		19.3	
		110	5550		15.50		19.00		20.6	
		126	5630		15.50		19.00		20.6	
		134	5670		15.50		19.00		20.6	
	802.11ac-VHT20 MCS0	100	5500		15.50		19.50		21.0	
		116	5580		15.50		20.00		21.3	
		124	5620		15.50		20.00		21.3	
		132	5660		15.50		20.00		21.3	
		140	5700		15.50		19.00		20.6	
		144	5720		15.50		20.00		21.3	
	802.11ac-VHT40 MCS0	102	5510		15.50		17.00		19.3	
		110	5550		15.50		19.00		20.6	
		126	5630		15.50		19.00		20.6	
		134	5670		15.50		19.00		20.6	
	802.11ac-VHT80 MCS0	106	5530		15.50		16.00		18.8	
		122	5610		15.50		19.00		20.6	
138		5690	15.50		19.00		20.6			
802.11ac-VHT160 MCS0	114	5570	15.00		15.00		18.0			
802.11ax-HE20 MCS0	100	5500	15.50		19.50		21.0			
	116	5580	15.50		20.00		21.3			
	124	5620	15.50		20.00		21.3			
	132	5660	15.50		20.00		21.3			
	140	5700	15.50	19.00	20.6					
	144	5720	15.50	20.00	21.3					
802.11ax-HE40 MCS0	102	5510	15.50	17.00	19.3					
	110	5550	15.50	19.00	20.6					
	126	5630	15.50	19.00	20.6					
	134	5670	15.50	19.00	20.6					
	142	5710	15.50	19.00	20.6					
802.11ax-HE80 MCS0	106	5530	15.50	16.00	18.8					
	122	5610	15.50	19.00	20.6					
	138	5690	15.50	19.00	20.6					
802.11ax-HE160 MCS0	114	5570	15.00	15.00	18.0					

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		15.50		17.50		19.6	
		157	5785		15.50		17.50		19.6	
		165	5825		15.50		17.50		19.6	
	802.11n-HT20 MCS0	149	5745		15.50		17.50		19.6	
		157	5785		15.50		17.50		19.6	
		165	5825		15.50		17.50		19.6	
	802.11n-HT40 MCS0	151	5755	not required	15.50	not required	17.50	not required	19.6	not required
		159	5795		15.50		17.50		19.6	
	802.11ac-VHT20 MCS0	149	5745		15.50		17.50		19.6	
		157	5785		15.50		17.50		19.6	
		165	5825		15.50		17.50		19.6	
	802.11ac-VHT40 MCS0	151	5755		15.50		17.50		19.6	
		159	5795		15.50		17.50		19.6	
	802.11ac-VHT80 MCS0	155	5775		15.30		17.30		19.42	
	802.11ax-HE20 MCS0	149	5745		15.50		17.50		19.6	
		157	5785		15.50		17.50		19.6	
		165	5825		15.50		17.50		19.6	
	802.11ax-HE40 MCS0	151	5755		15.50		17.50		19.6	
		159	5795		15.50		17.50		19.6	
	802.11ax-HE80 MCS0	155	5775		15.50		17.50		19.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845		15.50		17.50		19.6	
		173	5865		15.50		17.50		19.6	
		177	5885		15.50		17.50		19.6	
	802.11n-HT20 MCS0	169	5845		15.50		17.50		19.6	
		173	5865		15.50		17.50		19.6	
		177	5885		15.50		17.50		19.6	
	802.11n-HT40 MCS0	167	5835	not required	15.50	not required	17.50	not required	19.6	not required
		175	5875		15.50		17.50		19.6	
	802.11ac-VHT20 MCS0	169	5845		15.50		17.50		19.6	
		173	5865		15.50		17.50		19.6	
		177	5885		15.50		17.50		19.6	
	802.11ac-VHT40 MCS0	167	5835		15.50		17.50		19.6	
		175	5875		15.50		17.50		19.6	
	802.11ac-VHT80 MCS0	171	5855		15.50		17.50		19.6	
	802.11ac-VHT160 MCS0	163	5815		15.30		17.20		19.46	
	802.11ax-HE20 MCS0	169	5845		15.50		17.50		19.6	
		173	5865		15.50		17.50		19.6	
		177	5885		15.50		17.50		19.6	
	802.11ax-HE40 MCS0	167	5835		15.50		17.50		19.6	
		175	5875		15.50		17.50		19.6	
	802.11ax-HE80 MCS0	171	5855		15.50		17.50		19.6	
	802.11ax-HE160 MCS0	163	5815		15.50		17.50		19.6	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 4		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	16.95	17.00	98.90
		6	2437	16.95	17.00	
		11	2462	16.75	17.00	
		12	2467	16.95	17.00	
		13	2472	16.75	17.00	

Burst Average Power (dBm)						
Transmit Antenna				SISO Ant 3		
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
2.4GHz WLAN	802.11b 1Mbps	1	2412	17.65	18.00	98.90
		6	2437	17.95	18.00	
		11	2462	17.65	18.00	
		12	2467	17.55	18.00	
		13	2472	17.85	18.00	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
2.4GHz WLAN	802.11g 6Mbps	1	2412	16.75	17.00	17.95	18.00	20.40	20.5	93.40
		6	2437	16.65	17.00	17.95	18.00	20.36	20.5	
		11	2462	16.95	17.00	17.95	18.00	20.49	20.5	
		12	2467	16.85	17.00	17.75	18.00	20.33	20.5	
		13	2472	17.00	17.00	17.05	17.50	20.11	20.3	
	802.11n-HT20 MCS0	1	2412	not required	17.00	not required	18.00	not required	20.5	not required
		6	2437		17.00		18.00		20.5	
		11	2462		17.00		18.00		20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	
	802.11ac-VHT20 MCS0	1	2412		17.00		18.00		20.5	
		6	2437		17.00		18.00		20.5	
		11	2462		17.00		18.00		20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	
	802.11ax-HE20 MCS0	1	2412		17.00		18.00		20.5	
		6	2437		17.00		18.00		20.5	
		11	2462		17.00		18.00		20.5	
		12	2467		17.00		18.00		20.5	
		13	2472		17.00		17.50		20.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	15.00	not required	15.00	not required	18.0	not required
		40	5200		15.00		15.00		18.0	
		44	5220		15.00		15.00		18.0	
		48	5240		15.00		15.00		18.0	
	802.11n-HT20 MCS0	36	5180		15.00		15.00		18.0	
		40	5200		15.00		15.00		18.0	
		44	5220		15.00		15.00		18.0	
		48	5240		15.00		15.00		18.0	
	802.11n-HT40 MCS0	38	5190		15.00		15.00		18.0	
		46	5230		15.00		15.00		18.0	
	802.11ac-VHT20 MCS0	36	5180		15.00		15.00		18.0	
		40	5200		15.00		15.00		18.0	
		44	5220		15.00		15.00		18.0	
	802.11ac-VHT40 MCS0	38	5190		15.00		15.00		18.0	
		46	5230		15.00		15.00		18.0	
	802.11ac-VHT80 MCS0	42	5210		15.00		15.00		18.0	
	802.11ax-HE20 MCS0	36	5180		15.00		15.00		18.0	
		40	5200		15.00		15.00		18.0	
		44	5220		15.00		15.00		18.0	
		48	5240		15.00		15.00		18.0	
	802.11ax-HE40 MCS0	38	5190		15.00		15.00		18.0	
		46	5230		15.00		15.00		18.0	
	802.11ax-HE80 MCS0	42	5210		15.00		15.00		18.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	15.00	not required	15.00	not required	18.0	not required
		56	5280		15.00		15.00		18.0	
		60	5300		15.00		15.00		18.0	
		64	5320		15.00		15.00		18.0	
	802.11n-HT20 MCS0	52	5260		15.00		15.00		18.0	
		56	5280		15.00		15.00		18.0	
		60	5300		15.00		15.00		18.0	
		64	5320		15.00		15.00		18.0	
	802.11n-HT40 MCS0	54	5270		15.00		15.00		18.0	
		62	5310		15.00		15.00		18.0	
	802.11ac-VHT20 MCS0	52	5260		15.00		15.00		18.0	
		56	5280		15.00		15.00		18.0	
		60	5300		15.00		15.00		18.0	
		64	5320		15.00		15.00		18.0	
	802.11ac-VHT40 MCS0	54	5270		15.00		15.00		18.0	
		62	5310		15.00		15.00		18.0	
	802.11ac-VHT80 MCS0	58	5290	15.00	15.00	14.70	15.00	17.86	18.0	88.30
	802.11ac-VHT160 MCS0	50	5250	not required	14.00	not required	14.00	not required	17.0	not required
	802.11ax-HE20 MCS0	52	5260		15.00		15.00		18.0	
		56	5280		15.00		15.00		18.0	
		60	5300		15.00		15.00		18.0	
		64	5320		15.00		15.00		18.0	
	802.11ax-HE40 MCS0	54	5270		15.00		15.00		18.0	
		62	5310		15.00		15.00		18.0	
	802.11ax-HE80 MCS0	58	5290		15.00		15.00		18.0	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	13.00	not required	17.00	not required	18.5	not required
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		144	5720		13.00		17.00		18.5	
	802.11n-HT20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11n-HT40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ac-VHT20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11ac-VHT40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ac-VHT80 MCS0	106	5530	13.00	13.00	15.90	16.00	17.70	17.8	88.30
		122	5610	12.90	13.00	17.00	17.00	18.43	18.5	
		138	5690	12.90	13.00	16.80	17.00	18.28	18.5	
	802.11ac-VHT160 MCS0	114	5570	not required	13.00	not required	15.00	not required	17.1	not required
	802.11ax-HE20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11ax-HE40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ax-HE80 MCS0	106	5530		13.00		16.00		17.8	
		122	5610		13.00		17.00		18.5	
		138	5690		13.00		17.00		18.5	
	802.11ax-HE160 MCS0	114	5570		13.00		15.00		17.1	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		12.50		14.50		16.6	
		157	5785		12.50		14.50		16.6	
		165	5825		12.50		14.50		16.6	
	802.11n-HT20 MCS0	149	5745		12.50		14.50		16.6	
		157	5785		12.50		14.50		16.6	
		165	5825		12.50		14.50		16.6	
	802.11n-HT40 MCS0	151	5755	not required	12.50	not required	14.50	not required	16.6	not required
		159	5795		12.50		14.50		16.6	
	802.11ac-VHT20 MCS0	149	5745		12.50		14.50		16.6	
		157	5785		12.50		14.50		16.6	
		165	5825		12.50		14.50		16.6	
	802.11ac-VHT40 MCS0	151	5755		12.50		14.50		16.6	
		159	5795		12.50		14.50		16.6	
	802.11ac-VHT80 MCS0	155	5775		12.50	14.40	14.50	16.56	16.6	88.30
	802.11ax-HE20 MCS0	149	5745		12.50	not required	14.50	not required	16.6	not required
		157	5785		12.50		14.50		16.6	
		165	5825		12.50		14.50		16.6	
	802.11ax-HE40 MCS0	151	5755		12.50		14.50		16.6	
		159	5795		12.50		14.50		16.6	
	802.11ax-HE80 MCS0	155	5775		12.50		14.50		16.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845		12.50		14.50		16.6	
		173	5865		12.50		14.50		16.6	
		177	5885		12.50		14.50		16.6	
	802.11n-HT20 MCS0	169	5845		12.50		14.50		16.6	
		173	5865		12.50		14.50		16.6	
		177	5885		12.50		14.50		16.6	
	802.11n-HT40 MCS0	167	5835	not required	12.50	not required	14.50	not required	16.6	not required
		175	5875		12.50		14.50		16.6	
	802.11ac-VHT20 MCS0	169	5845		12.50		14.50		16.6	
		173	5865		12.50		14.50		16.6	
		177	5885		12.50		14.50		16.6	
	802.11ac-VHT40 MCS0	167	5835		12.50		14.50		16.6	
		175	5875		12.50		14.50		16.6	
	802.11ac-VHT80 MCS0	171	5855		12.50		14.50		16.6	
	802.11ac-VHT160 MCS0	163	5815		12.40	14.50	14.50	16.59	16.6	88.20
	802.11ax-HE20 MCS0	169	5845		12.50	not required	14.50	not required	16.6	not required
		173	5865		12.50		14.50		16.6	
		177	5885		12.50		14.50		16.6	
	802.11ax-HE40 MCS0	167	5835		12.50		14.50		16.6	
		175	5875		12.50		14.50		16.6	
	802.11ax-HE80 MCS0	171	5855		12.50		14.50		16.6	
	802.11ax-HE160 MCS0	163	5815		12.50		14.50		16.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.2GHz WLAN	802.11a 6Mbps	36	5180	not required	16.00	not required	17.00	not required	19.5	not required
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11n-HT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
	802.11ac-VHT40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ac-VHT80 MCS0	42	5210		16.00		16.50		19.3	
	802.11ax-HE20 MCS0	36	5180		16.00		17.00		19.5	
		40	5200		16.00		17.00		19.5	
		44	5220		16.00		17.00		19.5	
		48	5240		16.00		17.00		19.5	
	802.11ax-HE40 MCS0	38	5190		16.00		16.00		19.0	
		46	5230		16.00		17.00		19.5	
	802.11ax-HE80 MCS0	42	5210		16.00		16.50		19.3	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.3GHz WLAN	802.11a 6Mbps	52	5260	not required	16.00	not required	17.00	not required	19.5	not required
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11n-HT20 MCS0	52	5260		16.00		17.00		19.5	
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11n-HT40 MCS0	54	5270	15.30	16.00	16.40	17.00	18.90	19.5	96.60
		62	5310	15.30	16.00	16.40	17.00	18.90	19.5	
	802.11ac-VHT20 MCS0	52	5260	not required	16.00	not required	17.00	not required	19.5	not required
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11ac-VHT40 MCS0	54	5270		16.00		17.00		19.5	
		62	5310		16.00		17.00		19.5	
	802.11ac-VHT80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ac-VHT160 MCS0	50	5250		14.00		14.00		17.0	
	802.11ax-HE20 MCS0	52	5260		16.00		17.00		19.5	
		56	5280		16.00		17.00		19.5	
		60	5300		16.00		17.00		19.5	
		64	5320		16.00		17.00		19.5	
	802.11ax-HE40 MCS0	54	5270		16.00		17.00		19.5	
		62	5310		16.00		17.00		19.5	
	802.11ax-HE80 MCS0	58	5290		15.50		15.50		18.5	
	802.11ax-HE160 MCS0	50	5250		14.00		14.00		17.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.5GHz WLAN	802.11a 6Mbps	100	5500	not required	13.00	not required	17.00	not required	18.5	not required
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		144	5720		13.00		17.00		18.5	
	802.11n-HT20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11n-HT40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ac-VHT20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11ac-VHT40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ac-VHT80 MCS0	106	5530	13.00	13.00	15.90	16.00	17.70	17.8	88.30
		122	5610	12.90	13.00	17.00	17.00	18.43	18.5	
		138	5690	12.90	13.00	16.80	17.00	18.28	18.5	
	802.11ac-VHT160 MCS0	114	5570	not required	13.00	not required	15.00	not required	17.1	not required
	802.11ax-HE20 MCS0	100	5500		13.00		17.00		18.5	
		116	5580		13.00		17.00		18.5	
		124	5620		13.00		17.00		18.5	
		132	5660		13.00		17.00		18.5	
		140	5700		13.00		17.00		18.5	
	802.11ax-HE40 MCS0	102	5510		13.00		17.00		18.5	
		110	5550		13.00		17.00		18.5	
		126	5630		13.00		17.00		18.5	
		134	5670		13.00		17.00		18.5	
		142	5710		13.00		17.00		18.5	
	802.11ax-HE80 MCS0	106	5530		13.00		16.00		17.8	
		122	5610		13.00		17.00		18.5	
		138	5690		13.00		17.00		18.5	
	802.11ax-HE160 MCS0	114	5570		13.00		15.00		17.1	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN	802.11a 6Mbps	149	5745		14.50		16.50		18.6	
		157	5785		14.50		16.50		18.6	
		165	5825		14.50		16.50		18.6	
	802.11n-HT20 MCS0	149	5745		14.50		16.50		18.6	
		157	5785		14.50		16.50		18.6	
		165	5825		14.50		16.50		18.6	
	802.11n-HT40 MCS0	151	5755	not required	14.50	not required	16.50	not required	18.6	not required
		159	5795		14.50		16.50		18.6	
	802.11ac-VHT20 MCS0	149	5745		14.50		16.50		18.6	
		157	5785		14.50		16.50		18.6	
		165	5825		14.50		16.50		18.6	
	802.11ac-VHT40 MCS0	151	5755		14.50		16.50		18.6	
		159	5795		14.50		16.50		18.6	
	802.11ac-VHT80 MCS0	155	5775		14.40		16.30		18.6	
		149	5745		14.50		16.50		18.6	
		157	5785		14.50		16.50		18.6	
	802.11ax-HE20 MCS0	165	5825		14.50		16.50		18.6	
		151	5755		14.50		16.50		18.6	
		159	5795		14.50		16.50		18.6	
	802.11ax-HE40 MCS0	151	5755		14.50		16.50		18.6	
		159	5795		14.50		16.50		18.6	
	802.11ax-HE80 MCS0	155	5775		14.50		16.50		18.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
5.8GHz WLAN UNII4	802.11a 6Mbps	169	5845		14.50		16.50		18.6	
		173	5865		14.50		16.50		18.6	
		177	5885		14.50		16.50		18.6	
	802.11n-HT20 MCS0	169	5845		14.50		16.50		18.6	
		173	5865		14.50		16.50		18.6	
		177	5885		14.50		16.50		18.6	
	802.11n-HT40 MCS0	167	5835	not required	14.50	not required	16.50	not required	18.6	not required
		175	5875		14.50		16.50		18.6	
	802.11ac-VHT20 MCS0	169	5845		14.50		16.50		18.6	
		173	5865		14.50		16.50		18.6	
		177	5885		14.50		16.50		18.6	
	802.11ac-VHT40 MCS0	167	5835		14.50		16.50		18.6	
		175	5875		14.50		16.50		18.6	
	802.11ac-VHT80 MCS0	171	5855		14.50		16.50		18.6	
	802.11ac-VHT160 MCS0	163	5815		14.20		16.30		18.39	
	802.11ax-HE20 MCS0	169	5845		14.50		16.50		18.6	
		173	5865		14.50		16.50		18.6	
		177	5885		14.50		16.50		18.6	
	802.11ax-HE40 MCS0	167	5835		14.50		16.50		18.6	
		175	5875		14.50		16.50		18.6	
	802.11ax-HE80 MCS0	171	5855		14.50		16.50		18.6	
	802.11ax-HE160 MCS0	163	5815		14.50		16.50		18.6	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		10.00		10.00		13.0	
		171	6805		9.50		9.50		12.5	
		227	7085		11.00		11.00		14.0	
	802.11ax-HE80 MCS0	7	5985		10.00		10.00		13.0	
		71	6305		10.00		10.00		13.0	
		119	6545		10.00		10.00		13.0	
		167	6785		9.50		9.50		12.5	
		215	7025		11.00		11.00		14.0	
	802.11ax-HE160 MCS0	15	6025	9.80	10.00	10.00	10.00	12.91	13.0	86.20
		47	6185	9.80	10.00	10.00	10.00	12.86	13.0	
		111	6505	10.00	10.00	9.40	10.00	12.67	13.0	
		175	6825	9.40	9.50	8.00	9.50	11.77	12.5	
		207	6985	10.80	11.00	10.60	11.00	13.61	14.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
	802.11ax-HE40 MCS0	229	7095		10.50		10.50		13.5	
		3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		10.00		10.00		13.0	
		171	6805		9.50		9.50		12.5	
		227	7085		11.00		11.00		14.0	
	802.11ax-HE80 MCS0	7	5985		10.00		10.00		13.0	
		71	6305		10.00		10.00		13.0	
		119	6545		10.00		10.00		13.0	
		167	6785		9.50		9.50		12.5	
		215	7025		11.00		11.00		14.0	
	802.11ax-HE160 MCS0	15	6025	9.80	10.00	10.00	10.00	12.91	13.0	86.20
		47	6185	9.80	10.00	10.00	10.00	12.86	13.0	
		111	6505	10.00	10.00	9.40	10.00	12.67	13.0	
		175	6825	9.40	9.50	8.00	9.50	11.77	12.5	
		207	6985	10.80	11.00	10.60	11.00	13.61	14.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		10.00		10.00		13.0	
		171	6805		9.50		9.50		12.5	
		227	7085		11.00		11.00		14.0	
	802.11ax-HE80 MCS0	7	5985		10.00		10.00		13.0	
		71	6305		10.00		10.00		13.0	
		119	6545		10.00		10.00		13.0	
		167	6785		9.50		9.50		12.5	
		215	7025		11.00		11.00		14.0	
	802.11ax-HE160 MCS0	15	6025	9.80	10.00	10.00	10.00	12.91	13.0	86.20
		47	6185	9.80	10.00	10.00	10.00	12.86	13.0	
		111	6505	10.00	10.00	9.40	10.00	12.67	13.0	
		175	6825	9.40	9.50	8.00	9.50	11.77	12.5	
		207	6985	10.80	11.00	10.60	11.00	13.61	14.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		10.00		10.00		13.0	
		171	6805		9.50		9.50		12.5	
		227	7085		11.00		11.00		14.0	
	802.11ax-HE80 MCS0	7	5985		10.00		10.00		13.0	
		71	6305		10.00		10.00		13.0	
		119	6545		10.00		10.00		13.0	
		167	6785		9.50		9.50		12.5	
		215	7025		11.00		11.00		14.0	
	802.11ax-HE160 MCS0	15	6025	9.80	10.00	10.00	10.00	12.91	13.0	86.20
		47	6185	9.80	10.00	10.00	10.00	12.86	13.0	
		111	6505	10.00	10.00	9.40	10.00	12.67	13.0	
		175	6825	9.40	9.50	8.00	9.50	11.77	12.5	
		207	6985	10.80	11.00	10.60	11.00	13.61	14.0	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
	802.11ax-HE40 MCS0	229	7095		10.50		10.50		13.5	
		3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		11.00		11.00		14.0	
		171	6805		11.00		11.00		14.0	
		227	7085		12.50		12.50		15.5	
	802.11ax-HE80 MCS0	7	5985		7.50		7.50		10.5	
		71	6305		7.50		7.50		10.5	
		119	6545		11.50		11.50		14.5	
		167	6785		11.00		11.00		14.0	
		215	7025		12.50		12.50		15.5	
	802.11ax-HE160 MCS0	15	6025	6.00	7.50	5.60	7.50	8.81	10.5	86.20
		47	6185	5.90	7.50	5.60	7.50	8.76	10.5	
		111	6505	11.50	11.50	10.80	11.50	14.17	14.5	
		175	6825	10.30	11.00	9.40	11.00	12.88	14.0	
		207	6985	12.40	12.50	12.50	12.50	15.46	15.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
6GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
	802.11ax-HE40 MCS0	229	7095		10.50		10.50		13.5	
		3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		11.00		11.00		14.0	
		171	6805		11.00		11.00		14.0	
		227	7085		12.50		12.50		15.5	
	802.11ax-HE80 MCS0	7	5985		7.50		7.50		10.5	
		71	6305		7.50		7.50		10.5	
		119	6545		11.50		11.50		14.5	
		167	6785		11.00		11.00		14.0	
		215	7025		12.50		12.50		15.5	
	802.11ax-HE160 MCS0	15	6025	6.00	7.50	5.60	7.50	8.81	10.5	86.20
		47	6185	5.90	7.50	5.60	7.50	8.76	10.5	
		111	6505	11.50	11.50	10.80	11.50	14.17	14.5	
		175	6825	10.30	11.00	9.40	11.00	12.88	14.0	
		207	6985	12.40	12.50	12.50	12.50	15.46	15.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		11.00		11.00		14.0	
		171	6805		11.00		11.00		14.0	
		227	7085		12.50		12.50		15.5	
	802.11ax-HE80 MCS0	7	5985		7.50		7.50		10.5	
		71	6305		7.50		7.50		10.5	
		119	6545		11.50		11.50		14.5	
		167	6785		11.00		11.00		14.0	
		215	7025		12.50		12.50		15.5	
	802.11ax-HE160 MCS0	15	6025	6.00	7.50	5.60	7.50	8.81	10.5	86.20
		47	6185	5.90	7.50	5.60	7.50	8.76	10.5	
		111	6505	11.50	11.50	10.80	11.50	14.17	14.5	
		175	6825	10.30	11.00	9.40	11.00	12.88	14.0	
		207	6985	12.40	12.50	12.50	12.50	15.46	15.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		11.00		11.00		14.0	
		171	6805		11.00		11.00		14.0	
		227	7085		12.50		12.50		15.5	
	802.11ax-HE80 MCS0	7	5985		7.50		7.50		10.5	
		71	6305		7.50		7.50		10.5	
		119	6545		11.50		11.50		14.5	
		167	6785		11.00		11.00		14.0	
		215	7025		12.50		12.50		15.5	
	802.11ax-HE160 MCS0	15	6025	6.00	7.50	5.60	7.50	8.81	10.5	86.20
		47	6185	5.90	7.50	5.60	7.50	8.76	10.5	
		111	6505	11.50	11.50	10.80	11.50	14.17	14.5	
		175	6825	10.30	11.00	9.40	11.00	12.88	14.0	
		207	6985	12.40	12.50	12.50	12.50	15.46	15.5	

Burst Average Power (dBm)										
Transmit Antenna				MIMO Ant 4+3						
	Mode	Channel	Frequency (MHz)	Average power (dBm) 4+3(4)	Tune-Up Limit 4+3(4)	Average power (dBm) 4+3(3)	Tune-Up Limit 4+3(3)	Average power (dBm) 4+3	Tune-Up Limit 4+3	Duty Cycle %
6GHz WLAN	802.11ax-HE20 MCS0	1	5955	not required	7.00	not required	7.00	not required	10.0	not required
		57	6235		6.50		6.50		9.5	
		113	6515		7.00		7.00		10.0	
		173	6815		8.00		8.00		11.0	
		229	7095		10.50		10.50		13.5	
	802.11ax-HE40 MCS0	3	5965		10.00		10.00		13.0	
		59	6245		9.50		9.50		12.5	
		107	6485		11.00		11.00		14.0	
		171	6805		11.00		11.00		14.0	
		227	7085		12.50		12.50		15.5	
	802.11ax-HE80 MCS0	7	5985		7.50		7.50		10.5	
		71	6305		7.50		7.50		10.5	
		119	6545		11.50		11.50		14.5	
		167	6785		11.00		11.00		14.0	
		215	7025		12.50		12.50		15.5	
	802.11ax-HE160 MCS0	15	6025	6.00	7.50	5.60	7.50	8.81	10.5	86.20
		47	6185	5.90	7.50	5.60	7.50	8.76	10.5	
		111	6505	11.50	11.50	10.80	11.50	14.17	14.5	
		175	6825	10.30	11.00	9.40	11.00	12.88	14.0	
		207	6985	12.40	12.50	12.50	12.50	15.46	15.5	

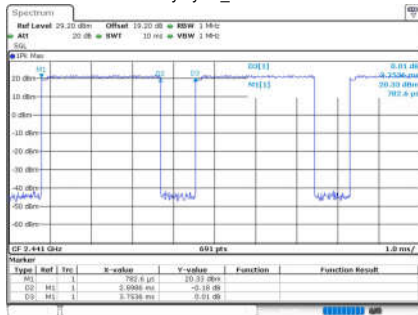
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required
	CH 39	2441	10.95		
	CH 78	2480	11.15		
Tune-up Limit			12	12	12

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.13	not required	not required
	CH 39	2441	10.45		
	CH 78	2480	10.05		
Tune-up Limit			12	12	12

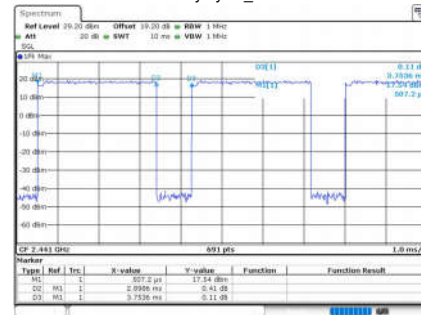
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			12	12

BT Duty cycle_Ant 4

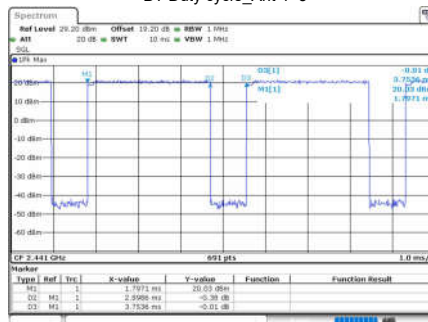


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required	10.04	not required	not required	13.37	not required	not required
	CH 39	2441	10.85			10.35			13.62		
	CH 78	2480	10.95			10.05			13.53		
Tune-up Limit			12	12	12	12	12	12	15	15	15

BT Duty cycle_Ant 4+3



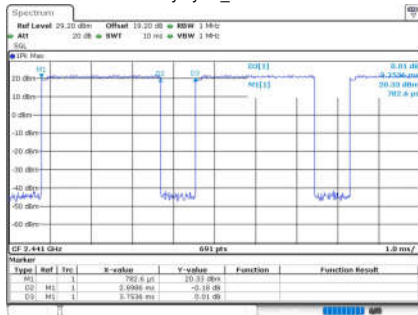
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.60	not required	not required
	CH 39	2441	19.51		
	CH 78	2480	20.08		
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.01	not required	not required
	CH 39	2441	19.45		
	CH 78	2480	19.73		
Tune-up Limit			21	18	18

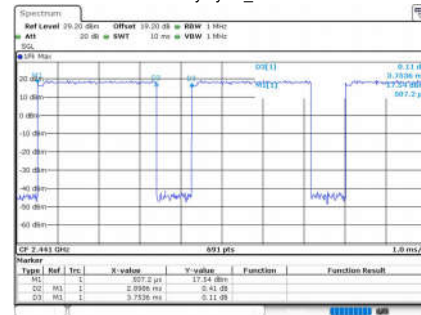
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			19	19

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			19	19

BT Duty cycle_Ant 4

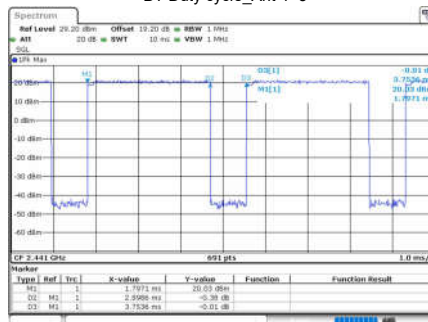


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.91	not required	not required	16.14	not required	not required	19.04	not required	not required
	CH 39	2441	15.97			16.10			19.04		
	CH 78	2480	16.57			16.38			19.48		
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18	18

BT Duty cycle_Ant 4+3



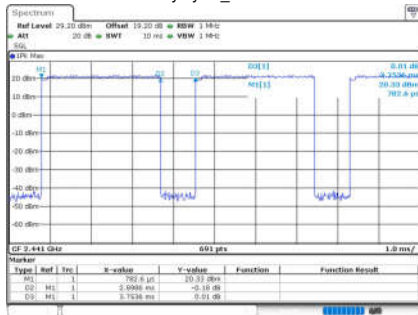
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.25	not required	not required
	CH 39	2441	14.15		
	CH 78	2480	14.65		
Tune-up Limit			15	15	15

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	14.55	not required	not required
	CH 39	2441	14.45		
	CH 78	2480	14.65		
Tune-up Limit			15	15	15

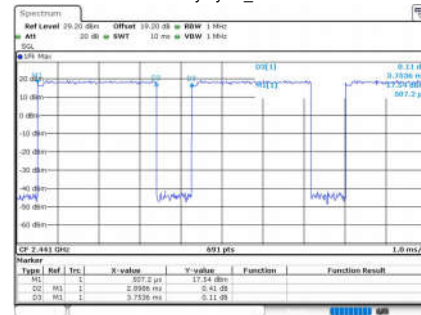
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			15	15

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	not required	not required
	CH 19	2440		
	CH 39	2480		
Tune-up Limit			15	15

BT Duty cycle_Ant 4

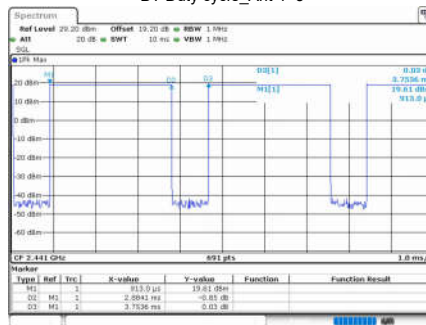


BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	10.65	not required	not required	10.04	not required	not required	13.37	not required	not required
	CH 39	2441	10.85			10.35			13.62		
	CH 78	2480	10.95			10.05			13.53		
Tune-up Limit			12	12	12	12	12	12	15	15	15

BT Duty cycle_Ant 4+3



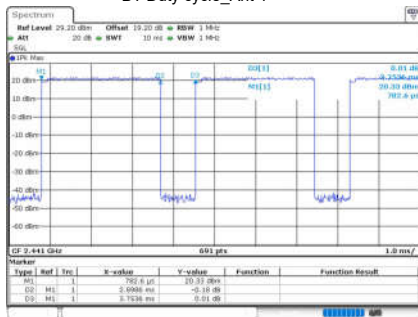
Mode	Channel	Frequency (MHz)	Ant 4		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	19.60	17.09	15.89
	CH 39	2441	19.51	17.13	16.07
	CH 78	2480	20.08	17.34	16.66
Tune-up Limit			21	18	18

Mode	Channel	Frequency (MHz)	Ant 3		
			Average power (dBm)		
			1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	20.01	18.27	17.08
	CH 39	2441	19.45	17.81	16.66
	CH 78	2480	19.73	18.22	16.98
Tune-up Limit			21	18	18

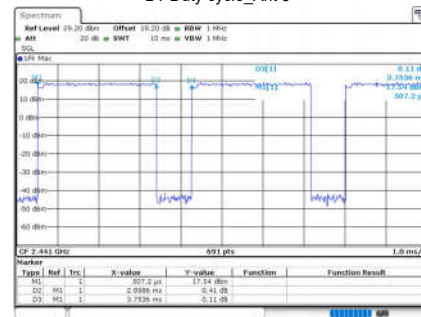
Mode	Channel	Frequency (MHz)	Ant 4	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.78	18.78
	CH 19	2440	18.99	18.82
	CH 39	2480	18.80	18.84
Tune-up Limit			19	19

Mode	Channel	Frequency (MHz)	Ant 3	
			Average power (dBm)	
			1Mbps	2Mbps
LE	CH 00	2402	18.71	18.64
	CH 19	2440	18.81	18.68
	CH 39	2480	18.71	18.64
Tune-up Limit			19	19

BT Duty cycle_Ant 4



BT Duty cycle_Ant 3



Mode	Channel	Frequency (MHz)	Average power (dBm)								
			Ant 4			Ant 3			Ant 4+3		
			1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps	1Mbps	2Mbps	3Mbps
BR / EDR	CH 00	2402	15.91	14.61	13.55	16.14	14.78	13.98	19.04	17.71	16.78
	CH 39	2441	15.97	14.91	13.81	16.10	14.59	13.56	19.04	17.77	16.70
	CH 78	2480	16.57	14.43	14.45	16.38	14.03	14.10	19.48	17.25	17.29
Tune-up Limit			17.5	15	15	17.5	15	15	20.5	18	18

BT Duty cycle_Ant 4+3

