

Band 2										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				18700	18900	19100	24	0		
Frequency (MHz)				1860	1880	1900				
20	QPSK	1	0	23.31	23.35	23.26				
20	QPSK	1	49	23.14	23.13	23.11				
20	QPSK	1	99	23.00	23.09	22.99	23	1		
20	QPSK	50	0	22.27	22.41	22.30				
20	QPSK	50	24	21.95	22.26	22.23				
20	QPSK	50	50	22.05	22.33	22.17				
20	QPSK	100	0	22.08	22.33	22.29	23	1		
20	16QAM	1	0	22.17	22.20	22.00				
20	16QAM	1	49	22.12	22.17	22.28				
20	16QAM	1	99	22.01	22.06	22.15				
20	16QAM	50	0	21.27	21.21	21.30	22	2		
20	16QAM	50	24	21.21	21.09	21.16				
20	16QAM	50	50	21.25	21.26	21.27				
20	16QAM	100	0	21.32	21.00	21.05				
Channel				18675	18900	19125	24	0		
Frequency (MHz)				1857.5	1880	1902.5				
15	QPSK	1	0	23.11	23.29	23.16				
15	QPSK	1	37	22.94	22.95	23.02				
15	QPSK	1	74	22.91	22.89	22.84	23	1		
15	QPSK	36	0	22.10	22.26	22.40				
15	QPSK	36	20	21.78	22.08	22.04				
15	QPSK	36	39	21.88	22.20	22.19				
15	QPSK	75	0	22.02	22.25	22.20	23	1		
15	16QAM	1	0	22.07	22.06	21.80				
15	16QAM	1	37	22.06	22.16	22.24				
15	16QAM	1	74	21.93	22.01	22.06				
15	16QAM	36	0	21.28	21.19	21.14	22	2		
15	16QAM	36	20	21.01	21.10	20.98				
15	16QAM	36	39	21.10	21.16	21.20				
15	16QAM	75	0	21.31	20.88	20.90				
Channel				18650	18900	19150	24	0		
Frequency (MHz)				1855	1880	1905				
10	QPSK	1	0	23.13	23.18	23.27				
10	QPSK	1	25	23.06	22.96	23.05				
10	QPSK	1	49	22.89	22.91	22.82	23	1		
10	QPSK	25	0	22.09	22.33	22.36				
10	QPSK	25	12	21.77	22.22	22.01				
10	QPSK	25	25	21.99	22.18	21.98				
10	QPSK	50	0	21.93	22.20	22.13	23	1		
10	16QAM	1	0	22.15	22.16	21.98				
10	16QAM	1	25	22.09	22.09	22.18				
10	16QAM	1	49	21.90	22.06	21.99				
10	16QAM	25	0	21.09	21.13	21.30	22	2		
10	16QAM	25	12	21.01	21.03	21.07				
10	16QAM	25	25	21.17	21.18	21.07				
10	16QAM	50	0	21.16	20.89	21.04				
Channel				18625	18900	19175	24	0		
Frequency (MHz)				1852.5	1880	1907.5				
5	QPSK	1	0	23.27	23.33	23.10				
5	QPSK	1	12	23.14	23.12	23.01				
5	QPSK	1	24	22.83	23.06	22.79	23	1		
5	QPSK	12	0	22.12	22.31	22.33				
5	QPSK	12	7	21.87	22.15	22.20				
5	QPSK	12	13	21.98	22.24	21.97				
5	QPSK	25	0	21.92	22.33	22.11	23	1		
5	16QAM	1	0	22.16	22.14	21.90				
5	16QAM	1	12	22.08	22.00	22.08				
5	16QAM	1	24	21.81	22.08	22.09				
5	16QAM	12	0	21.09	21.09	21.25	22	2		
5	16QAM	12	7	21.17	20.90	21.05				
5	16QAM	12	13	21.04	21.10	21.24				
5	16QAM	25	0	21.27	20.90	21.03				
Channel				18615	18900	19185	24	0		
Frequency (MHz)				1851.5	1880	1908.5				
3	QPSK	1	0	23.14	23.23	23.11				
3	QPSK	1	8	23.00	23.12	23.04				
3	QPSK	1	14	22.84	22.96	23.00	23	1		
3	QPSK	8	0	22.17	22.29	22.29				
3	QPSK	8	4	22.15	22.32	22.21				
3	QPSK	8	7	22.27	22.32	22.27				
3	QPSK	15	0	22.07	22.13	22.21	23	1		
3	16QAM	1	0	22.06	22.18	22.01				
3	16QAM	1	8	22.07	22.06	22.09				
3	16QAM	1	14	22.07	22.28	22.23				
3	16QAM	8	0	21.07	21.18	21.17	22	2		
3	16QAM	8	4	21.09	21.00	21.02				
3	16QAM	8	7	21.04	21.11	21.29				
3	16QAM	15	0	21.13	20.85	20.95				
Channel				18607	18900	19193	24	0		
Frequency (MHz)				1850.7	1880	1909.3				
1.4	QPSK	1	0	23.22	23.33	23.14				
1.4	QPSK	1	3	23.10	22.93	23.02				
1.4	QPSK	1	5	22.99	22.90	22.94	23	1		
1.4	QPSK	3	0	23.22	23.33	23.21				
1.4	QPSK	3	1	22.92	22.96	22.94				
1.4	QPSK	3	3	22.99	23.09	22.89				
1.4	QPSK	6	0	21.96	22.25	22.11	23	1		
1.4	16QAM	1	0	22.19	22.32	22.20				
1.4	16QAM	1	3	22.28	22.31	22.26				
1.4	16QAM	1	5	22.19	22.25	22.24				
1.4	16QAM	3	0	22.12	22.29	22.33	22	2		
1.4	16QAM	3	1	22.06	22.41	22.24				
1.4	16QAM	3	3	22.17	22.37	22.21				
1.4	16QAM	6	0	21.24	20.90	21.03				

Full Sensor off Power										
Band 4										
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)		
Channel				20050	20175	20300	24	0		
Frequency (MHz)				1720	1732.5	1745				
20	QPSK	1	0	23.26	23.37	23.30	23	1		
20	QPSK	1	49	23.20	23.28	23.30				
20	QPSK	1	99	23.21	23.18	23.26				
20	QPSK	50	0	22.12	22.30	22.29				
20	QPSK	50	24	22.13	22.10	22.13	23	1		
20	QPSK	50	50	21.96	22.10	22.25				
20	QPSK	100	0	22.00	22.22	22.21				
20	16QAM	1	0	22.01	22.17	22.05				
20	16QAM	1	49	22.00	22.14	21.92	23	1		
20	16QAM	1	99	21.87	21.97	21.93				
20	16QAM	50	0	21.12	21.28	21.09				
20	16QAM	50	24	20.92	21.10	21.10				
20	16QAM	50	50	21.14	21.15	20.92	22	2		
20	16QAM	100	0	20.97	21.24	20.95				
Channel				20025	20176	20350				
Frequency (MHz)				1717.5	1732.5	1747.5				
15	QPSK	1	0	23.14	23.31	23.08	24	0		
15	QPSK	1	37	23.09	23.21	23.09				
15	QPSK	1	74	23.06	23.18	23.21				
15	QPSK	36	0	21.98	22.17	22.11				
15	QPSK	36	20	21.96	21.96	21.98	23	1		
15	QPSK	36	39	21.85	21.99	22.27				
15	QPSK	75	0	21.82	22.04	22.02				
15	16QAM	1	0	22.02	22.11	21.85				
15	16QAM	1	37	21.97	21.95	21.71	23	1		
15	16QAM	1	74	21.79	21.89	21.81				
15	16QAM	36	0	21.11	21.23	20.99				
15	16QAM	36	20	20.85	20.94	20.99				
15	16QAM	36	39	21.04	21.00	20.81	22	2		
15	16QAM	75	0	20.96	21.25	20.92				
Channel				20000	20175	20350				
Frequency (MHz)				1715	1732.5	1750				
10	QPSK	1	0	23.11	23.27	23.13	24	0		
10	QPSK	1	25	23.09	23.08	23.20				
10	QPSK	1	49	23.15	23.07	23.09				
10	QPSK	25	0	21.98	22.15	22.26				
10	QPSK	25	12	21.93	21.95	22.11	23	1		
10	QPSK	25	25	21.94	22.11	22.25				
10	QPSK	50	0	22.01	22.13	22.01				
10	16QAM	1	0	21.83	22.08	21.85				
10	16QAM	1	25	21.86	21.95	21.78	23	1		
10	16QAM	1	49	21.72	21.95	21.78				
10	16QAM	25	0	21.13	21.22	20.90				
10	16QAM	25	12	20.74	21.12	21.07				
10	16QAM	25	25	20.93	21.13	20.87	22	2		
10	16QAM	50	0	20.89	21.10	20.92				
Channel				19975	20175	20375				
Frequency (MHz)				1712.5	1732.5	1752.5				
5	QPSK	1	0	23.25	23.31	23.17	24	0		
5	QPSK	1	12	23.09	23.10	23.08				
5	QPSK	1	24	23.22	23.02	23.13				
5	QPSK	12	0	22.03	22.14	22.14				
5	QPSK	12	7	22.07	22.09	22.13	23	1		
5	QPSK	12	13	21.76	21.93	22.07				
5	QPSK	25	0	22.01	22.22	22.08				
5	16QAM	1	0	21.89	22.06	21.89				
5	16QAM	1	12	21.81	22.09	21.84	23	1		
5	16QAM	1	24	21.87	21.85	21.71				
5	16QAM	12	7	21.05	21.24	20.95				
5	16QAM	12	7	20.80	20.91	20.89				
5	16QAM	12	13	21.05	20.99	20.84	22	2		
5	16QAM	25	0	20.81	21.17	20.79				
Channel				19965	20175	20385				
Frequency (MHz)				1711.5	1732.5	1753.5				
3	QPSK	1	0	23.15	23.34	23.30	24	0		
3	QPSK	1	8	22.98	23.15	23.17				
3	QPSK	1	14	23.20	22.97	23.24				
3	QPSK	8	0	22.06	22.12	22.07				
3	QPSK	8	4	22.08	22.10	22.08	23	1		
3	QPSK	8	7	21.83	22.05	22.07				
3	QPSK	15	0	21.85	22.02	21.88				
3	16QAM	1	0	21.86	22.07	21.98				
3	16QAM	1	8	21.82	22.03	21.87	23	1		
3	16QAM	1	14	21.80	21.84	21.79				
3	16QAM	8	0	21.07	21.24	21.06				
3	16QAM	8	4	20.82	20.91	20.92				
3	16QAM	8	7	21.03	20.97	20.90	22	2		
3	16QAM	15	0	20.81	21.22	20.93				
Channel				19957	20175	20393				
Frequency (MHz)				1710.7	1732.5	1754.3				
1.4	QPSK	1	0	23.20	23.15	23.11	24	0		
1.4	QPSK	1	3	23.10	23.14	23.09				
1.4	QPSK	1	5	23.20	23.13	23.05				
1.4	QPSK	3	1	23.16	23.20	23.29				
1.4	QPSK	3	3	23.13	23.16	23.25	23	1		
1.4	QPSK	3	3	23.09	23.07	23.10				
1.4	QPSK	6	0	21.94	22.18	22.17				
1.4	16QAM	1	0	21.85	22.11	22.04				
1.4	16QAM	1	3	21.91	22.04	21.94	23	1		
1.4	16QAM	1	5	21.70	21.86	21.94				
1.4	16QAM	3	0	21.99	21.99	22.04				
1.4	16QAM	3	1	21.99	21.95	21.72				
1.4	16QAM	3	3	21.76	21.91	21.74	22	2		
1.4	16QAM	6	0	20.88	21.07	20.76				

Band 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			782		
Frequency (MHz)									
10	QPSK	1	0		24.15		24.5	0	
10	QPSK	1	25		24.08				
10	QPSK	1	49		24.06				
10	QPSK	25	0		23.19		23.5	1	
10	QPSK	25	12		23.11				
10	QPSK	25	25		23.07				
10	QPSK	50	0		23.06		23.5	1	
10	16QAM	1	0		23.11				
10	16QAM	1	25		23.04				
10	16QAM	1	49		23.06		22.5	2	
10	16QAM	25	0		22.20				
10	16QAM	25	12		22.12				
10	16QAM	25	25		22.11		22.5	2	
10	16QAM	50	0		22.08				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.04	23.96	24.08	24.5	0	
5	QPSK	1	12	23.92	23.92	23.91			
5	QPSK	1	24	23.84	23.94	24.08			
5	QPSK	12	0	22.99	23.15	23.15	23.5	1	
5	QPSK	12	7	22.90	23.00	22.92			
5	QPSK	12	13	23.05	22.97	23.01			
5	QPSK	25	0	22.97	22.89	23.01	23.5	1	
5	16QAM	1	0	23.07	23.02	22.95			
5	16QAM	1	12	22.89	22.96	22.86			
5	16QAM	1	24	23.03	23.08	23.04	22.5	2	
5	16QAM	12	0	22.02	21.99	22.21			
5	16QAM	12	7	22.03	21.91	21.94			
5	16QAM	12	13	22.12	21.99	21.97	22.5	2	
5	16QAM	25	0	22.08	22.10	21.90			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572			
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	23.31	23.40	23.35	24	0	
20	QPSK	1	49	23.32	23.25	23.18			
20	QPSK	1	99	23.11	23.32	23.27			
20	QPSK	50	0	22.44	22.56	22.35			
20	QPSK	50	24	22.30	22.42	22.31	23	1	
20	QPSK	50	50	22.29	22.48	22.35			
20	QPSK	100	0	22.43	22.57	22.24			
20	16QAM	1	0	22.21	22.41	22.22			
20	16QAM	1	49	22.26	22.34	22.20	23	1	
20	16QAM	1	99	22.23	22.43	22.32			
20	16QAM	50	0	21.73	21.75	21.68			
20	16QAM	50	24	21.59	21.64	21.55			
20	16QAM	50	50	21.72	21.61	21.56	22	2	
20	16QAM	100	0	21.58	21.75	21.43			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5			
15	QPSK	1	0	23.18	23.20	23.21	24	0	
15	QPSK	1	37	23.31	23.08	23.08			
15	QPSK	1	74	22.94	23.31	23.23			
15	QPSK	36	0	22.24	22.57	22.31			
15	QPSK	36	20	22.13	22.40	22.15	23	1	
15	QPSK	36	39	22.12	22.40	22.32			
15	QPSK	75	0	22.33	22.44	22.17			
15	16QAM	1	0	22.16	22.43	22.18			
15	16QAM	1	37	22.20	22.27	22.21	23	1	
15	16QAM	1	74	22.07	22.30	22.17			
15	16QAM	36	0	21.69	21.61	21.54			
15	16QAM	36	20	21.39	21.62	21.39			
15	16QAM	36	39	21.55	21.58	21.54	22	2	
15	16QAM	75	0	21.44	21.72	21.24			
Channel				132022	132322	132622	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1715	1745	1775			
10	QPSK	1	0	23.15	23.36	23.30	24	0	
10	QPSK	1	25	23.33	23.21	23.11			
10	QPSK	1	49	23.02	23.29	23.25			
10	QPSK	25	0	22.24	22.50	22.30			
10	QPSK	25	12	22.09	22.35	22.16	23	1	
10	QPSK	25	25	22.23	22.36	22.14			
10	QPSK	50	0	22.31	22.52	22.09			
10	16QAM	1	0	22.16	22.33	22.22			
10	16QAM	1	25	22.23	22.35	21.99	23	1	
10	16QAM	1	49	22.22	22.32	22.22			
10	16QAM	25	0	21.52	21.60	21.46			
10	16QAM	25	12	21.50	21.54	21.54			
10	16QAM	25	25	21.68	21.43	21.54	22	2	
10	16QAM	50	0	21.54	21.63	21.40			
Channel				131997	132322	132647	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1712.5	1745	1777.5			
5	QPSK	1	0	23.21	23.22	23.18	24	0	
5	QPSK	1	12	23.26	23.18	23.13			
5	QPSK	1	24	23.07	23.17	23.13			
5	QPSK	12	0	22.30	22.56	22.35			
5	QPSK	12	7	22.13	22.32	22.10	23	1	
5	QPSK	12	13	22.11	22.30	22.25			
5	QPSK	25	0	22.39	22.50	22.08			
5	16QAM	1	0	22.23	22.33	22.13			
5	16QAM	1	12	22.17	22.18	22.12	23	1	
5	16QAM	1	24	22.01	22.23	22.16			
5	16QAM	12	0	21.64	21.63	21.40			
5	16QAM	12	7	21.45	21.62	21.43			
5	16QAM	12	13	21.67	21.52	21.36	22	2	
5	16QAM	25	0	21.54	21.66	21.43			
Channel				131987	132322	132657	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1711.5	1745	1778.5			
3	QPSK	1	0	23.30	23.36	23.37	24	0	
3	QPSK	1	8	23.27	23.19	23.12			
3	QPSK	1	14	23.00	23.11	23.26			
3	QPSK	8	0	22.44	22.38	22.23			
3	QPSK	8	4	22.30	22.35	22.31	23	1	
3	QPSK	8	7	22.26	22.50	22.15			
3	QPSK	15	0	22.31	22.49	22.05			
3	16QAM	1	0	22.12	22.32	22.10			
3	16QAM	1	8	22.05	22.33	22.14	23	1	
3	16QAM	1	14	22.07	22.32	22.25			
3	16QAM	8	0	21.60	21.68	21.38			
3	16QAM	8	4	21.41	21.62	21.42			
3	16QAM	8	7	21.58	21.39	21.40	22	2	
3	16QAM	15	0	21.57	21.74	21.21			
Channel				131979	132322	132665	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1710.7	1745	1779.3			
1.4	QPSK	1	0	23.31	23.37	23.25	24	0	
1.4	QPSK	1	3	23.18	23.18	23.05			
1.4	QPSK	1	5	22.92	23.18	23.06			
1.4	QPSK	3	0	23.27	23.39	23.25			
1.4	QPSK	3	1	23.19	23.08	23.15			
1.4	QPSK	3	3	23.05	23.16	23.07			
1.4	QPSK	6	0	22.31	22.35	22.12	23	1	
1.4	16QAM	1	0	22.06	22.23	22.15			
1.4	16QAM	1	3	22.22	22.16	22.03			
1.4	16QAM	1	5	22.04	22.22	22.22			
1.4	16QAM	3	0	22.34	22.44	22.24	23	1	
1.4	16QAM	3	1	22.20	22.37	22.24			
1.4	16QAM	3	3	22.07	22.28	22.14	22	2	
1.4	16QAM	6	0	21.48	21.63	21.38			

Band 2									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				18700	18900	19100	21	0	
Frequency (MHz)				1860	1880	1900			
20	QPSK	1	0	20.34	20.38	20.22			
20	QPSK	1	49	20.21	20.33	20.14			
20	QPSK	1	99	20.20	20.27	20.13	21	0	
20	QPSK	50	0	20.30	20.33	20.13			
20	QPSK	50	24	20.16	20.19	20.11			
20	QPSK	50	50	20.15	20.13	20.10			
20	QPSK	100	0	20.29	20.31	20.04	21	0	
20	16QAM	1	0	20.26	20.29	20.07			
20	16QAM	1	49	20.13	20.29	20.06			
20	16QAM	1	99	20.13	20.17	20.08			
20	16QAM	50	0	20.25	20.23	20.02	21	0	
20	16QAM	50	24	20.13	20.07	19.99			
20	16QAM	50	50	20.07	20.03	19.89			
20	16QAM	100	0	20.16	20.24	19.95			
Channel				18675	18900	19125	21	0	
Frequency (MHz)				1857.5	1880	1902.5			
15	QPSK	1	0	20.21	20.24	20.09			
15	QPSK	1	37	20.17	20.21	20.03			
15	QPSK	1	74	20.07	20.15	20.00	21	0	
15	QPSK	36	0	20.16	20.21	20.03			
15	QPSK	36	20	20.07	20.07	20.04			
15	QPSK	36	39	20.04	20.08	19.99			
15	QPSK	75	0	20.17	20.16	20.05	21	0	
15	16QAM	1	0	20.23	20.20	19.95			
15	16QAM	1	37	20.03	20.23	19.92			
15	16QAM	1	74	20.00	20.08	19.96			
15	16QAM	36	0	20.13	20.15	19.90	21	0	
15	16QAM	36	20	20.03	19.94	19.94			
15	16QAM	36	39	20.04	19.92	19.92			
15	16QAM	75	0	20.11	20.15	19.91			
Channel				18650	18900	19150	21	0	
Frequency (MHz)				1855	1880	1905			
10	QPSK	1	0	20.21	20.32	20.00			
10	QPSK	1	25	20.07	20.29	20.11			
10	QPSK	1	49	20.05	20.13	20.09	21	0	
10	QPSK	25	0	20.15	20.25	20.06			
10	QPSK	25	12	20.13	20.14	20.02			
10	QPSK	25	25	20.01	20.05	20.00			
10	QPSK	50	0	20.21	20.23	20.01	21	0	
10	16QAM	1	0	20.20	20.23	20.01			
10	16QAM	1	25	20.09	20.24	20.02			
10	16QAM	1	49	20.02	20.09	20.03			
10	16QAM	25	0	20.18	20.09	19.89	21	0	
10	16QAM	25	12	20.04	20.01	19.91			
10	16QAM	25	25	20.01	19.89	19.78			
10	16QAM	50	0	20.08	20.21	19.91			
Channel				18625	18900	19175	21	0	
Frequency (MHz)				1852.5	1880	1907.5			
5	QPSK	1	0	20.25	20.28	20.15			
5	QPSK	1	12	20.18	20.26	20.01			
5	QPSK	1	24	20.09	20.17	20.08	21	0	
5	QPSK	12	0	20.26	20.28	20.06			
5	QPSK	12	7	20.03	20.07	20.00			
5	QPSK	12	13	20.09	20.09	19.92			
5	QPSK	25	0	20.22	20.19	20.02	21	0	
5	16QAM	1	0	20.12	20.23	19.96			
5	16QAM	1	12	20.09	20.24	19.97			
5	16QAM	1	24	19.99	20.05	19.99			
5	16QAM	12	0	20.21	20.19	19.98	21	0	
5	16QAM	12	7	20.06	19.96	19.93			
5	16QAM	12	13	19.94	19.95	19.82			
5	16QAM	25	0	20.08	20.10	19.90			
Channel				18615	18900	19185	21	0	
Frequency (MHz)				1851.5	1880	1908.5			
3	QPSK	1	0	20.28	20.29	20.16			
3	QPSK	1	8	20.17	20.25	20.09			
3	QPSK	1	14	20.09	20.16	20.04	21	0	
3	QPSK	8	0	20.20	20.18	20.09			
3	QPSK	8	4	20.12	20.08	19.96			
3	QPSK	8	7	20.09	20.04	20.01			
3	QPSK	15	0	20.16	20.16	19.99	21	0	
3	16QAM	1	0	20.18	20.22	19.96			
3	16QAM	1	8	20.08	20.22	20.02			
3	16QAM	1	14	20.07	20.10	19.96			
3	16QAM	8	0	20.18	20.18	19.94	21	0	
3	16QAM	8	4	20.02	20.00	19.85			
3	16QAM	8	7	19.97	19.98	19.79			
3	16QAM	15	0	20.05	20.18	19.88			
Channel				18607	18900	19193	21	0	
Frequency (MHz)				1850.7	1880	1909.3			
1.4	QPSK	1	0	20.23	20.23	20.16			
1.4	QPSK	1	3	20.08	20.28	20.07			
1.4	QPSK	1	5	20.06	20.20	20.02	21	0	
1.4	QPSK	3	0	20.26	20.29	20.08			
1.4	QPSK	3	1	20.09	20.10	20.00			
1.4	QPSK	3	3	20.04	20.05	19.92			
1.4	QPSK	6	0	20.20	20.26	19.96	21	0	
1.4	16QAM	1	0	20.14	20.15	20.02			
1.4	16QAM	1	3	20.09	20.20	19.96			
1.4	16QAM	1	5	20.03	20.07	19.99			
1.4	16QAM	3	0	20.16	20.11	19.98	21	0	
1.4	16QAM	3	1	20.05	20.01	19.88			
1.4	16QAM	3	3	19.98	19.91	19.77			
1.4	16QAM	6	0	20.06	20.17	19.89			

Sensor on Power									
Band 4									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				20050	20175	20300	21	0	
Frequency (MHz)				1720	1732.5	1745			
20	QPSK	1	0	20.27	20.30	20.19			
20	QPSK	1	49	20.17	20.27	20.20			
20	QPSK	1	99	20.23	20.22	20.09	21	0	
20	QPSK	50	0	20.21	20.25	20.09			
20	QPSK	50	24	20.02	20.16	20.07			
20	QPSK	50	50	20.15	20.13	20.08			
20	QPSK	100	0	20.11	20.19	20.17	21	0	
20	16QAM	1	0	20.09	20.22	20.02			
20	16QAM	1	49	20.00	20.17	20.01			
20	16QAM	1	99	20.18	20.18	20.08			
20	16QAM	50	0	20.09	20.09	20.01	21	0	
20	16QAM	50	24	19.91	19.99	20.01			
20	16QAM	50	50	19.94	20.06	20.01			
20	16QAM	100	0	20.03	20.13	20.05			
Channel				20025	20175	20325	21 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				1717.5	1732.5	1747.5			
15	QPSK	1	0	20.23	20.27	20.18			
15	QPSK	1	37	20.17	20.24	20.19			
15	QPSK	1	74	20.11	20.16	19.98	21	0	
15	QPSK	36	0	20.17	20.18	20.08			
15	QPSK	36	20	19.94	20.06	19.96			
15	QPSK	36	39	20.12	20.11	20.00			
15	QPSK	75	0	20.10	20.16	20.16	21	0	
15	16QAM	1	0	20.02	20.19	19.99			
15	16QAM	1	37	19.90	20.06	19.98			
15	16QAM	1	74	20.10	20.15	20.07			
15	16QAM	36	0	20.06	19.99	19.90	21	0	
15	16QAM	36	20	19.82	19.91	19.99			
15	16QAM	36	39	19.85	19.97	19.95	21	0	
15	16QAM	75	0	19.92	20.01	20.00			
Channel				20000	20175	20350	21 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				1715	1732.5	1750			
10	QPSK	1	0	20.18	20.22	20.10			
10	QPSK	1	25	20.11	20.19	20.18			
10	QPSK	1	49	20.14	20.21	20.03	21	0	
10	QPSK	25	0	20.20	20.21	19.99			
10	QPSK	25	12	19.94	20.14	19.97			
10	QPSK	25	25	20.11	20.02	19.99			
10	QPSK	50	0	20.11	20.09	20.14	21	0	
10	16QAM	1	0	19.98	20.14	19.98			
10	16QAM	1	25	19.91	20.09	19.95			
10	16QAM	1	49	20.15	20.13	20.07			
10	16QAM	25	0	20.02	19.97	19.94	21	0	
10	16QAM	25	12	19.80	19.95	19.95			
10	16QAM	25	25	19.87	19.96	20.00			
10	16QAM	50	0	20.00	20.02	20.04			
Channel				19975	20175	20375	21 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				1712.5	1732.5	1752.5			
5	QPSK	1	0	20.19	20.26	20.18			
5	QPSK	1	12	20.13	20.21	20.20			
5	QPSK	1	24	20.22	20.20	20.04	21	0	
5	QPSK	12	0	20.20	20.19	20.05			
5	QPSK	12	7	19.93	20.08	20.00			
5	QPSK	12	13	20.11	20.05	20.04			
5	QPSK	25	0	20.09	20.14	20.05	21	0	
5	16QAM	1	0	20.03	20.11	19.95			
5	16QAM	1	12	19.93	20.09	19.94			
5	16QAM	1	24	20.12	20.18	20.07			
5	16QAM	12	0	19.98	20.01	19.96	21	0	
5	16QAM	12	7	19.80	19.96	19.93			
5	16QAM	12	13	19.85	19.96	19.93			
5	16QAM	25	0	20.01	20.09	20.04			
Channel				19965	20175	20385	21 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				1711.5	1732.5	1753.5			
3	QPSK	1	0	20.23	20.21	20.08			
3	QPSK	1	8	20.11	20.16	20.14			
3	QPSK	1	14	20.16	20.19	20.06	21	0	
3	QPSK	8	0	20.18	20.23	20.07			
3	QPSK	8	4	19.92	20.08	19.97			
3	QPSK	8	7	20.07	20.04	19.99			
3	QPSK	15	0	20.04	20.15	20.09	21	0	
3	16QAM	1	0	20.05	20.15	19.90			
3	16QAM	1	8	19.92	20.08	19.93			
3	16QAM	1	14	20.10	20.13	19.99			
3	16QAM	8	0	19.97	20.07	19.93	21	0	
3	16QAM	8	4	19.83	19.98	19.94			
3	16QAM	8	7	19.93	19.99	19.95			
3	16QAM	15	0	20.03	20.03	20.01			
Channel				19957	20175	20393	21 <th colspan="2" rowspan="4">0</th>	0	
Frequency (MHz)				1710.7	1732.5	1754.3			
1.4	QPSK	1	0	20.16	20.24	20.15			
1.4	QPSK	1	3	20.15	20.15	20.19			
1.4	QPSK	1	5	20.12	20.11	19.97	21	0	
1.4	QPSK	3	0	20.12	20.15	20.04			
1.4	QPSK	3	1	19.92	20.12	20.01			
1.4	QPSK	3	3	20.13	20.07	20.07			
1.4	QPSK	6	0	20.10	20.07	20.05	21	0	
1.4	16QAM	1	0	20.06	20.17	20.01			
1.4	16QAM	1	3	19.91	20.05	19.92			
1.4	16QAM	1	5	20.13	20.13	20.07			
1.4	16QAM	3	0	20.03	20.06	19.99	21	0	
1.4	16QAM	3	1	19.89	19.95	19.92			
1.4	16QAM	3	3	19.91	19.99	19.97			
1.4	16QAM	6	0	20.02	20.12	20.01			

Band 13									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	MPR (dB)	
Channel				23230			24.5	0	
Frequency (MHz)				782					
10	QPSK	1	0		24.15		23.5	1	
10	QPSK	1	25		24.08				
10	QPSK	1	49		24.06				
10	QPSK	25	0		23.19				
10	QPSK	25	12		23.11				
10	QPSK	25	25		23.07		23.5	1	
10	QPSK	50	0		23.06				
10	16QAM	1	0		23.11				
10	16QAM	1	25		23.04				
10	16QAM	1	49		23.06				
10	16QAM	25	0		22.20		22.5	2	
10	16QAM	25	12		22.12				
10	16QAM	25	25		22.11				
10	16QAM	50	0		22.08				
Channel				23205	23230	23255	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				779.5	782	784.5			
5	QPSK	1	0	24.04	23.96	24.08	24.5	0	
5	QPSK	1	12	23.92	23.92	23.91			
5	QPSK	1	24	23.84	23.94	24.08			
5	QPSK	12	0	22.99	23.15	23.15			
5	QPSK	12	7	22.90	23.00	22.92			
5	QPSK	12	13	23.05	22.97	23.01	23.5	1	
5	QPSK	25	0	22.97	22.89	23.01			
5	16QAM	1	0	23.07	23.02	22.95			
5	16QAM	1	12	22.89	22.96	22.86			
5	16QAM	1	24	23.03	23.08	23.04			
5	16QAM	12	0	22.02	21.99	22.21	22.5	2	
5	16QAM	12	7	22.03	21.91	21.94			
5	16QAM	12	13	22.12	21.99	21.97			
5	16QAM	25	0	22.08	22.10	21.90			

Band 66									
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq	Power Middle Ch. / Freq	Power High Ch. / Freq	Tune-up limit (dBm)	MPR (dB)	
Channel				132072	132322	132572	21	0	
Frequency (MHz)				1720	1745	1770			
20	QPSK	1	0	20.34	20.36	20.32	21	0	
20	QPSK	1	49	20.27	20.32	20.26			
20	QPSK	1	99	20.29	20.31	20.20			
20	QPSK	50	0	20.29	20.32	20.22			
20	QPSK	50	24	20.12	20.24	20.20			
20	QPSK	50	50	20.19	20.17	20.13	21	0	
20	QPSK	100	0	20.23	20.28	20.22			
20	16QAM	1	0	20.24	20.26	20.16			
20	16QAM	1	49	20.11	20.22	20.10			
20	16QAM	1	99	20.21	20.22	20.14			
20	16QAM	50	0	20.23	20.17	20.11	21	0	
20	16QAM	50	24	20.02	20.08	20.07			
20	16QAM	50	50	20.07	20.12	20.04			
20	16QAM	100	0	20.14	20.18	20.13			
Channel				132047	132322	132597	Tune-up limit (dBm)	MPR (dB)	
Frequency (MHz)				1717.5	1745	1772.5	21	0	
15	QPSK	1	0	20.20	20.24	20.18			
15	QPSK	1	37	20.17	20.27	20.21	21	0	
15	QPSK	1	74	20.25	20.22	20.09			
15	QPSK	36	0	20.17	20.19	20.17			
15	QPSK	36	20	20.06	20.11	20.05			
15	QPSK	36	39	20.15	20.09	20.04			
15	QPSK	75	0	20.20	20.13	20.14	21	0	
15	16QAM	1	0	20.11	20.18	20.09			
15	16QAM	1	37	20.02	20.08	19.95			
15	16QAM	1	74	20.08	20.13	20.03			
15	16QAM	36	0	20.14	20.04	20.07			
15	16QAM	36	20	19.95	19.96	19.95	21	0	
15	16QAM	36	39	19.96	20.02	19.91			
15	16QAM	75	0	20.03	20.14	19.98			
Channel				132022	132322	132622			
Frequency (MHz)				1715	1745	1775	21 <th colspan="2" rowspan="2">0</th>	0	
10	QPSK	1	0	20.30	20.24	20.27			
10	QPSK	1	25	20.12	20.27	20.17	21	0	
10	QPSK	1	49	20.24	20.27	20.09			
10	QPSK	25	0	20.25	20.23	20.10			
10	QPSK	25	12	20.06	20.10	20.12			
10	QPSK	25	25	20.13	20.11	20.01			
10	QPSK	50	0	20.17	20.15	20.14	21	0	
10	16QAM	1	0	20.19	20.14	20.03			
10	16QAM	1	25	20.01	20.12	19.96			
10	16QAM	1	49	20.09	20.16	20.02			
10	16QAM	25	0	20.15	20.04	19.99			
10	16QAM	25	12	19.95	20.00	19.96	21	0	
10	16QAM	25	25	19.93	19.97	19.96			
10	16QAM	50	0	20.09	20.10	20.08			
Channel				131997	132322	132647			
Frequency (MHz)				1712.5	1745	1777.5	21 <th colspan="2" rowspan="2">0</th>	0	
5	QPSK	1	0	20.22	20.23	20.29			
5	QPSK	1	12	20.20	20.27	20.18	21	0	
5	QPSK	1	24	20.16	20.16	20.14			
5	QPSK	12	0	20.17	20.23	20.07			
5	QPSK	12	7	20.03	20.21	20.07			
5	QPSK	12	13	20.11	20.03	20.10			
5	QPSK	25	0	20.15	20.19	20.18	21	0	
5	16QAM	1	0	20.10	20.16	20.03			
5	16QAM	1	12	19.97	20.09	20.03			
5	16QAM	1	24	20.15	20.11	20.00			
5	16QAM	12	0	20.19	20.06	19.99			
5	16QAM	12	7	19.92	19.99	19.92	21	0	
5	16QAM	12	13	19.98	20.07	19.94			
5	16QAM	25	0	20.06	20.06	20.06			
Channel				131987	132322	132657			
Frequency (MHz)				1711.5	1745	1778.5	21 <th colspan="2" rowspan="2">0</th>	0	
3	QPSK	1	0	20.27	20.21	20.29			
3	QPSK	1	8	20.19	20.23	20.18	21	0	
3	QPSK	1	14	20.17	20.24	20.12			
3	QPSK	8	0	20.22	20.20	20.16			
3	QPSK	8	4	20.02	20.21	20.15			
3	QPSK	8	7	20.14	20.07	19.98			
3	QPSK	15	0	20.11	20.19	20.16	21	0	
3	16QAM	1	0	20.14	20.23	20.08			
3	16QAM	1	8	20.06	20.12	20.04			
3	16QAM	1	14	20.15	20.08	20.05			
3	16QAM	8	0	20.15	20.07	20.00			
3	16QAM	8	4	19.87	19.95	20.03	21	0	
3	16QAM	8	7	19.96	20.01	19.95			
3	16QAM	15	0	20.09	20.05	20.06			
Channel				131979	132322	132665			
Frequency (MHz)				1710.7	1745	1779.3	21 <th colspan="2" rowspan="2">0</th>	0	
1.4	QPSK	1	0	20.30	20.25	20.28			
1.4	QPSK	1	3	20.19	20.27	20.11	21	0	
1.4	QPSK	1	5	20.18	20.22	20.06			
1.4	QPSK	3	0	20.21	20.23	20.10			
1.4	QPSK	3	1	20.04	20.16	20.15			
1.4	QPSK	3	3	20.05	20.11	20.08			
1.4	QPSK	6	0	20.18	20.23	20.18	21	0	
1.4	16QAM	1	0	20.16	20.13	20.11			
1.4	16QAM	1	3	20.01	20.08	19.95			
1.4	16QAM	1	5	20.12	20.17	20.06			
1.4	16QAM	3	0	20.15	20.12	19.98			
1.4	16QAM	3	1	19.90	19.94	20.00	21	0	
1.4	16QAM	3	3	19.94	20.05	19.93			
1.4	16QAM	6	0	20.05	20.13	20.04			

Conducted Power

2.4GHz WLAN						
2.4GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11b 1Mbps	1	2412	17.59	18.00	98.6
		6	2437	15.58	16.50	
		11	2462	15.90	16.00	
	802.11g 6Mbps	1	2412	15.59	16.50	97.9
		6	2437	15.56	17.00	
		11	2462	15.63	16.50	
	802.11n-HT20 MCS0	1	2412	14.86	16.00	97.92
		6	2437	15.46	17.00	
		11	2462	14.37	15.50	
	802.11n-HT40 MCS0	3	2422	12.43	14.00	94.31
		6	2437	14.02	15.00	
		9	2452	12.26	13.50	

5.2GHz WLAN						
5.2GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	36	5180	16.62	17.00	98.25
		40	5200	16.88	17.50	
		44	5220	17.80	18.00	
		48	5240	17.70	18.00	
	802.11n-HT20 MCS0	36	5180	14.91	15.50	97.92
		40	5200	16.77	17.50	
		44	5220	16.65	17.50	
		48	5240	16.66	17.50	
	802.11n-HT40 MCS0	38	5190	10.91	12.00	95.87
		46	5230	15.95	16.50	
	802.11ac-VHT20 MCS0	36	5180	14.84	15.50	97.93
		40	5200	15.52	16.50	
		44	5220	15.51	16.50	
		48	5240	15.44	16.50	
	802.11ac-VHT40 MCS0	38	5190	10.70	12.00	95.9
		46	5230	14.98	15.00	
	802.11ac-VHT80 MCS0	42	5210	10.19	11.00	92.61

5.3GHz WLAN						
5.3GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	52	5260	17.04	18.00	98.25
		56	5280	16.66	17.50	
		60	5300	16.19	17.50	
		64	5320	16.21	18.00	
	802.11n-HT20 MCS0	52	5260	16.40	17.00	97.92
		56	5280	16.11	17.00	
		60	5300	15.62	17.00	
		64	5320	15.51	17.00	
	802.11n-HT40 MCS0	54	5270	14.60	15.50	95.87
		62	5310	11.22	12.50	
	802.11ac-VHT20 MCS0	52	5260	14.33	15.50	97.93
		56	5280	14.09	15.50	
		60	5300	14.02	15.50	
		64	5320	14.56	16.00	
	802.11ac-VHT40 MCS0	54	5270	13.44	14.00	95.9
		62	5310	11.13	12.50	
	802.11ac-VHT80 MCS0	58	5290	10.05	11.50	92.61

5.5GHz WLAN						
5.5GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	100	5500	17.31	18.50	98.25
		116	5580	17.65	18.50	
		124	5620	17.78	18.50	
		132	5660	17.54	18.50	
		140	5700	17.01	18.00	
	802.11n-HT20 MCS0	100	5500	15.89	17.00	97.92
		116	5580	14.96	16.50	
		124	5620	14.98	16.50	
		132	5660	15.64	16.50	
		140	5700	15.53	16.50	
	802.11n-HT40 MCS0	102	5510	11.89	13.00	95.87
		110	5550	14.20	16.00	
		126	5630	14.14	16.00	
		134	5670	15.89	17.50	
		100	5500	15.53	17.00	
	802.11ac-VHT20 MCS0	116	5580	13.85	15.50	97.93
		124	5620	14.27	16.00	
		132	5660	14.52	16.50	
		140	5700	14.11	16.00	
		102	5510	11.80	13.00	
	802.11ac-VHT40 MCS0	110	5550	13.62	15.50	95.9
		126	5630	13.74	15.50	
		134	5670	14.69	16.50	
		106	5530	10.49	12.00	
	802.11ac-VHT80 MCS0	122	5610	15.39	17.00	92.61

5.8GHz WLAN						
5.8GHz WLAN	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Duty Cycle %
	802.11a 6Mbps	149	5745	15.51	17.00	98.25
		157	5785	15.90	17.50	
		165	5825	16.02	17.50	
	802.11n-HT20 MCS0	149	5745	14.81	16.50	97.92
		157	5785	14.68	16.50	
		165	5825	16.00	17.50	
	802.11n-HT40 MCS0	151	5755	15.70	16.50	95.87
		159	5795	16.06	16.50	
	802.11ac-VHT20 MCS0	149	5745	14.66	15.00	97.93
		157	5785	13.11	15.00	
		165	5825	15.86	17.50	
	802.11ac-VHT40 MCS0	151	5755	13.40	14.50	95.9
		159	5795	15.42	17.00	
	802.11ac-VHT80 MCS0	155	5775	14.84	16.50	92.61

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)			Tune-up Limit
			1Mbps	2Mbps	3Mbps	
BR / EDR	CH 00	2402	10.08	7.71	7.55	12
	CH 39	2441	9.62	7.09	7.00	11.5
	CH 78	2480	9.59	6.93	6.94	11.5

BLE_1M

Mode	Channel	Frequency (MHz)	Average power (dBm)
LE	CH 00	2402	5.81
	CH 19	2440	5.94
	CH 39	2480	5.38
Tune-up Limit			7

5.3GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Sample
5.3GHz WLAN	802.11a 6Mbps	64	5320	16.21	18.00	P2A Sample
		64	5320	16.20	18.00	PP Sample
		Deviation		-0.01		

5.5GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Sample
5.5GHz WLAN	802.11a 6Mbps	124	5620	17.78	18.50	P2A Sample
		124	5620	18.05	18.50	PP Sample
		Deviation		0.27		

5.8GHz WLAN						
	Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-Up Limit	Sample
5.8GHz WLAN	802.11a 6Mbps	165	5825	16.02	17.50	P2A Sample
		165	5825	16.35	17.50	PP Sample
		Deviation		0.33		

BT BR/EDR

Mode	Channel	Frequency (MHz)	Average power (dBm)	Tune-up Limit	Sample
			1Mbps		
BR / EDR	CH 00	2402	10.08	12	P2A Sample
	CH 00	2402	10.34	12	PP Sample
	Deviation		0.26		



Full&Sensor off Power

Band 5								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	Sample
Channel				20450	20525	20600	24.5	
Frequency (MHz)				829	836.5	844		
10	QPSK	1	0		23.78			
10	QPSK	1	0		23.55			
Deviation				-0.23				

Sensor on Power

Band 66								
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)	Sample
Channel				132072	132322	132572	21.0	
Frequency (MHz)				1720	1745	1770		
20	QPSK	50	0		20.32			
20	QPSK	50	0		19.61			
Deviation				-0.71				