Appendix D. Sensor ON Output Power Measurement

<WCDMA>

Band		WCDMA II_Ant Main_Sensor ON			Tune-up Limit (dBm)	WCDMA IV_Ant Main_Sensor ON			Tune-up Limit (dBm)	WCDMA V_Ant Main_Sensor ON			Tune-up Limit (dBm)
TX Channel		9262	9400	9538		1312	1413	1513		4132	4182	4233	
Rx Channel		9662	9800	9938		1537	1638	1738		4357	4407	4458	
Frequency (MHz)		1852.4	1880	1907.6		1712.4	1732.6	1752.6		826.4	836.4	846.6	
3GPP Rel 99	RMC 12.2Kbps	16.88	17.04	16.99	18.00	18.53	18.54	18.50	19.00	18.12	18.17	18.11	18.50
3GPP Rel 6	HSDPA Subtest-1	15.91	16.06	15.96	17.00	17.52	17.54	17.54	18.00	17.10	17.14	17.13	18.00
3GPP Rel 6	HSDPA Subtest-2	15.85	16.08	15.99	17.00	17.55	17.53	17.54	18.00	17.10	17.12	17.09	18.00
3GPP Rel 6	HSDPA Subtest-3	15.32	15.54	15.49	16.50	17.06	17.03	17.02	17.50	16.60	16.69	16.62	17.50
3GPP Rel 6	HSDPA Subtest-4	15.43	15.56	15.49	16.50	17.04	17.07	17.01	17.50	16.58	16.67	16.54	17.50
3GPP Rel 8	DC-HSDPA Subtest-1	15.74	15.96	15.81	17.00	17.42	17.38	17.44	18.00	16.94	17.01	16.99	18.00
3GPP Rel 8	DC-HSDPA Subtest-2	15.66	15.93	15.83	17.00	17.40	17.39	17.43	18.00	16.90	16.93	16.93	18.00
3GPP Rel 8	DC-HSDPA Subtest-3	15.21	15.37	15.29	16.50	16.92	16.92	16.83	17.50	16.50	16.55	16.47	17.50
3GPP Rel 8	DC-HSDPA Subtest-4	15.30	15.39	15.33	16.50	16.90	16.87	16.81	17.50	16.39	16.54	16.36	17.50
3GPP Rel 6	HSUPA Subtest-1	15.02	15.18	15.01	17.00	17.46	17.48	17.50	18.00	17.09	17.12	17.03	18.00
3GPP Rel 6	HSUPA Subtest-2	13.83	14.10	14.00	15.00	15.58	15.49	15.52	16.00	15.10	15.10	15.02	16.00
3GPP Rel 6	HSUPA Subtest-3	15.56	15.60	15.89	16.00	16.51	16.54	16.47	17.00	16.08	16.12	16.03	17.00
3GPP Rel 6	HSUPA Subtest-4	13.85	14.04	13.94	15.00	15.47	15.42	15.50	16.00	15.11	15.15	15.07	16.00
3GPP Rel 6	HSUPA Subtest-5	15.80	16.10	16.00	17.00	17.50	17.40	17.50	18.00	17.10	17.20	17.10	18.00

<LTE Band 2_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	16.60	16.65	16.64	17.5
20	QPSK	1	49	16.57	16.62	16.63	
20	QPSK	1	99	16.55	16.58	16.60	
20	QPSK	50	0	15.74	15.79	15.75	16.5
20	QPSK	50	24	15.73	15.69	15.66	
20	QPSK	50	50	15.72	15.78	15.74	
20	QPSK	100	0	15.71	15.72	15.68	
20	16QAM	1	0	15.92	15.92	15.97	16.5
20	16QAM	1	49	16.00	15.98	15.93	
20	16QAM	1	99	15.88	15.89	15.93	
20	16QAM	50	0	14.64	14.68	14.68	15.5
20	16QAM	50	24	14.73	14.67	14.67	
20	16QAM	50	50	14.71	14.77	14.74	
20	16QAM	100	0	14.70	14.68	14.69	
20	64QAM	1	0	14.86	14.89	14.79	15.5
20	64QAM	1	49	14.86	14.91	14.81	
20	64QAM	1	99	14.79	14.81	14.76	
20	64QAM	50	0	13.63	13.69	13.68	14.5
20	64QAM	50	24	13.73	13.69	13.68	
20	64QAM	50	50	13.71	13.76	13.73	
20	64QAM	100	0	13.71	13.67	13.68	
20	256QAM	1	0	11.40	11.52	11.32	12.5
20	256QAM	1	49	11.44	11.57	11.38	
20	256QAM	1	99	11.53	11.68	11.53	
20	256QAM	50	0	11.45	11.56	11.45	12.5
20	256QAM	50	24	11.52	11.64	11.47	
20	256QAM	50	50	11.38	11.58	11.38	
20	256QAM	100	0	11.42	11.52	11.34	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	16.40	16.50	16.43	17.5

15	QPSK	1	37	16.38	16.51	16.51	
15	QPSK	1	74	16.44	16.40	16.45	
15	QPSK	36	0	15.50	15.48	15.55	16.5
15	QPSK	36	20	15.53	15.52	15.51	
15	QPSK	36	39	15.55	15.64	15.63	
15	QPSK	75	0	15.52	15.55	15.53	
15	16QAM	1	0	15.79	15.82	15.80	16.5
15	16QAM	1	37	15.82	15.85	15.83	
15	16QAM	1	74	15.77	15.73	15.78	
15	16QAM	36	0	14.54	14.51	14.51	15.5
15	16QAM	36	20	14.61	14.55	14.56	
15	16QAM	36	39	14.57	14.60	14.63	
15	16QAM	75	0	14.55	14.58	14.56	
15	64QAM	1	0	14.66	14.76	14.65	15.5
15	64QAM	1	37	14.72	14.78	14.61	
15	64QAM	1	74	14.61	14.71	14.59	
15	64QAM	36	0	13.51	13.55	13.57	14.5
15	64QAM	36	20	13.57	13.53	13.58	
15	64QAM	36	39	13.54	13.61	13.62	
15	64QAM	75	0	13.57	13.51	13.56	
15	256QAM	1	0	11.27	11.37	11.14	12.5
15	256QAM	1	37	11.28	11.41	11.19	
15	256QAM	1	74	11.34	11.52	11.35	
15	256QAM	36	0	11.34	11.40	11.31	12.5
15	256QAM	36	20	11.32	11.50	11.29	
15	256QAM	36	39	11.25	11.38	11.23	
15	256QAM	75	0	11.24	11.34	11.20	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	16.43	16.53	16.45	17.5
10	QPSK	1	25	16.43	16.43	16.53	
10	QPSK	1	49	16.44	16.40	16.45	
10	QPSK	25	0	15.45	15.55	15.56	16.5
10	QPSK	25	12	15.56	15.55	15.53	
10	QPSK	25	25	15.55	15.67	15.63	
10	QPSK	50	0	15.58	15.55	15.49	
10	16QAM	1	0	15.77	15.80	15.80	16.5
10	16QAM	1	25	15.85	15.82	15.81	
10	16QAM	1	49	15.70	15.77	15.83	
10	16QAM	25	0	14.47	14.52	14.56	15.5
10	16QAM	25	12	14.61	14.57	14.49	
10	16QAM	25	25	14.60	14.64	14.64	
10	16QAM	50	0	14.51	14.49	14.56	
10	64QAM	1	0	14.68	14.70	14.69	15.5
10	64QAM	1	25	14.72	14.71	14.71	
10	64QAM	1	49	14.69	14.71	14.56	
10	64QAM	25	0	13.53	13.52	13.51	14.5
10	64QAM	25	12	13.53	13.54	13.49	
10	64QAM	25	25	13.58	13.65	13.59	
10	64QAM	50	0	13.60	13.53	13.56	
10	256QAM	1	0	11.23	11.32	11.15	12.5
10	256QAM	1	25	11.29	11.43	11.21	
10	256QAM	1	49	11.43	11.54	11.37	
10	256QAM	25	0	11.34	11.40	11.30	12.5
10	256QAM	25	12	11.34	11.47	11.35	
10	256QAM	25	25	11.23	11.40	11.24	
10	256QAM	50	0	11.25	11.33	11.16	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	16.45	16.51	16.45	17.5
5	QPSK	1	12	16.37	16.51	16.45	
5	QPSK	1	24	16.35	16.46	16.42	
5	QPSK	12	0	15.46	15.51	15.56	16.5

5	QPSK	12	7	15.55	15.51	15.51	
5	QPSK	12	13	15.52	15.63	15.63	
5	QPSK	25	0	15.59	15.50	15.56	
5	16QAM	1	0	15.77	15.74	15.86	16.5
5	16QAM	1	12	15.85	15.88	15.78	
5	16QAM	1	24	15.74	15.71	15.80	
5	16QAM	12	0	14.47	14.49	14.56	15.5
5	16QAM	12	7	14.61	14.49	14.56	
5	16QAM	12	13	14.55	14.61	14.57	
5	16QAM	25	0	14.51	14.57	14.53	
5	64QAM	1	0	14.73	14.71	14.64	15.5
5	64QAM	1	12	14.76	14.79	14.65	
5	64QAM	1	24	14.67	14.66	14.57	
5	64QAM	12	0	13.46	13.49	13.49	14.5
5	64QAM	12	7	13.58	13.53	13.54	
5	64QAM	12	13	13.57	13.65	13.56	
5	64QAM	25	0	13.54	13.48	13.53	
5	256QAM	1	0	11.27	11.32	11.13	12.5
5	256QAM	1	12	11.27	11.47	11.20	
5	256QAM	1	24	11.33	11.55	11.41	
5	256QAM	12	0	11.28	11.43	11.32	12.5
5	256QAM	12	7	11.32	11.53	11.29	
5	256QAM	12	13	11.23	11.48	11.22	
5	256QAM	25	0	11.23	11.33	11.15	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	16.42	16.50	16.51	17.5
3	QPSK	1	8	16.43	16.52	16.44	
3	QPSK	1	14	16.44	16.44	16.42	
3	QPSK	8	0	15.44	15.49	15.46	16.5
3	QPSK	8	4	15.55	15.52	15.46	
3	QPSK	8	7	15.59	15.67	15.62	
3	QPSK	15	0	15.59	15.53	15.50	
3	16QAM	1	0	15.75	15.81	15.82	16.5
3	16QAM	1	8	15.90	15.86	15.77	
3	16QAM	1	14	15.78	15.75	15.78	
3	16QAM	8	0	14.47	14.51	14.53	15.5
3	16QAM	8	4	14.61	14.50	14.57	
3	16QAM	8	7	14.57	14.63	14.55	
3	16QAM	15	0	14.58	14.53	14.51	
3	64QAM	1	0	14.67	14.76	14.68	15.5
3	64QAM	1	8	14.74	14.75	14.61	
3	64QAM	1	14	14.65	14.70	14.63	
3	64QAM	8	0	13.52	13.59	13.48	14.5
3	64QAM	8	4	13.56	13.59	13.48	
3	64QAM	8	7	13.53	13.56	13.56	
3	64QAM	15	0	13.57	13.54	13.49	
3	256QAM	1	0	11.20	11.41	11.22	12.5
3	256QAM	1	8	11.26	11.42	11.28	
3	256QAM	1	14	11.40	11.50	11.33	
3	256QAM	8	0	11.28	11.43	11.28	12.5
3	256QAM	8	4	11.41	11.47	11.29	
3	256QAM	8	7	11.20	11.47	11.20	
3	256QAM	15	0	11.25	11.38	11.14	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	16.46	16.53	16.51	17.5
1.4	QPSK	1	3	16.38	16.50	16.47	
1.4	QPSK	1	5	16.37	16.46	16.43	
1.4	QPSK	3	0	16.34	16.43	16.36	
1.4	QPSK	3	1	16.27	16.37	16.30	
1.4	QPSK	3	3	16.19	16.31	16.29	
1.4	QPSK	6	0	15.59	15.49	15.51	16.5

1.4	16QAM	1	0	15.82	15.72	15.79	16.5
1.4	16QAM	1	3	15.87	15.88	15.75	
1.4	16QAM	1	5	15.77	15.71	15.75	
1.4	16QAM	3	0	15.46	15.49	15.47	
1.4	16QAM	3	1	15.63	15.59	15.56	
1.4	16QAM	3	3	15.61	15.62	15.58	
1.4	16QAM	6	0	14.54	14.50	14.57	15.5
1.4	64QAM	1	0	14.72	14.75	14.66	15.5
1.4	64QAM	1	3	14.68	14.81	14.66	
1.4	64QAM	1	5	14.61	14.65	14.60	
1.4	64QAM	3	0	14.45	14.56	14.57	
1.4	64QAM	3	1	14.54	14.54	14.53	
1.4	64QAM	3	3	14.60	14.57	14.57	
1.4	64QAM	6	0	13.56	13.56	13.55	14.5
1.4	256QAM	1	0	11.26	11.42	11.21	12.5
1.4	256QAM	1	3	11.34	11.43	11.26	
1.4	256QAM	1	5	11.35	11.49	11.37	
1.4	256QAM	3	0	11.26	11.38	11.31	
1.4	256QAM	3	1	11.35	11.48	11.33	
1.4	256QAM	3	3	11.19	11.44	11.23	
1.4	256QAM	6	0	11.26	11.32	11.20	12.5

<LTE Band 2_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				1860	1880	1900	
20	QPSK	1	0	19.19	19.35	19.14	20
20	QPSK	1	49	18.92	19.08	18.87	
20	QPSK	1	99	18.91	19.07	18.86	
20	QPSK	50	0	19.04	19.20	18.99	20
20	QPSK	50	24	18.89	19.05	18.84	
20	QPSK	50	50	18.92	19.08	18.87	
20	QPSK	100	0	18.98	19.14	18.93	
20	16QAM	1	0	19.18	19.34	19.13	20
20	16QAM	1	49	19.17	19.33	19.12	
20	16QAM	1	99	19.18	19.34	19.13	
20	16QAM	50	0	18.97	19.13	18.92	20
20	16QAM	50	24	19.00	19.16	18.95	
20	16QAM	50	50	18.90	19.06	18.85	
20	16QAM	100	0	18.89	19.05	18.84	
20	64QAM	1	0	19.15	19.31	19.10	20
20	64QAM	1	49	19.16	19.32	19.11	
20	64QAM	1	99	19.18	19.34	19.13	
20	64QAM	50	0	19.02	19.18	18.97	20
20	64QAM	50	24	18.98	19.14	18.93	
20	64QAM	50	50	18.96	19.12	18.91	
20	64QAM	100	0	18.97	19.13	18.92	
20	256QAM	1	0	17.22	17.38	17.17	18
20	256QAM	1	49	17.30	17.46	17.25	
20	256QAM	1	99	17.20	17.36	17.15	
20	256QAM	50	0	17.51	17.67	17.46	18
20	256QAM	50	24	17.45	17.61	17.40	
20	256QAM	50	50	17.49	17.65	17.44	
20	256QAM	100	0	17.47	17.63	17.42	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	19.11	19.27	19.09	20
15	QPSK	1	37	18.83	19.03	18.78	
15	QPSK	1	74	18.86	19.04	18.78	

15	QPSK	36	0	18.98	19.14	18.93	20
15	QPSK	36	20	18.85	18.97	18.79	
15	QPSK	36	39	18.85	19.00	18.78	
15	QPSK	75	0	18.94	19.10	18.86	
15	16QAM	1	0	19.12	19.27	19.09	20
15	16QAM	1	37	19.11	19.27	19.08	
15	16QAM	1	74	19.11	19.25	19.07	
15	16QAM	36	0	18.92	19.10	18.87	20
15	16QAM	36	20	18.92	19.07	18.87	
15	16QAM	36	39	18.85	18.98	18.79	
15	16QAM	75	0	18.80	18.97	18.79	
15	64QAM	1	0	19.06	19.26	19.03	20
15	64QAM	1	37	19.08	19.24	19.05	
15	64QAM	1	74	19.09	19.26	19.06	
15	64QAM	36	0	18.99	19.14	18.92	20
15	64QAM	36	20	18.89	19.09	18.90	
15	64QAM	36	39	18.92	19.05	18.86	
15	64QAM	75	0	18.89	19.08	18.84	
15	256QAM	1	0	17.19	17.33	17.08	18
15	256QAM	1	37	17.27	17.38	17.22	
15	256QAM	1	74	17.11	17.30	17.10	
15	256QAM	36	0	17.43	17.63	17.40	18
15	256QAM	36	20	17.39	17.52	17.31	
15	256QAM	36	39	17.44	17.57	17.36	
15	256QAM	75	0	17.39	17.60	17.35	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	19.13	19.26	19.06	20
10	QPSK	1	25	18.85	19.01	18.84	
10	QPSK	1	49	18.85	19.01	18.82	
10	QPSK	25	0	18.95	19.17	18.94	20
10	QPSK	25	12	18.80	19.02	18.79	
10	QPSK	25	25	18.84	19.01	18.79	
10	QPSK	50	0	18.91	19.10	18.88	
10	16QAM	1	0	19.10	19.29	19.05	20
10	16QAM	1	25	19.11	19.24	19.08	
10	16QAM	1	49	19.09	19.31	19.08	
10	16QAM	25	0	18.91	19.06	18.88	20
10	16QAM	25	12	18.91	19.10	18.89	
10	16QAM	25	25	18.85	18.98	18.78	
10	16QAM	50	0	18.86	19.02	18.76	
10	64QAM	1	0	19.11	19.22	19.07	20
10	64QAM	1	25	19.07	19.25	19.03	
10	64QAM	1	49	19.14	19.31	19.04	
10	64QAM	25	0	18.98	19.09	18.90	20
10	64QAM	25	12	18.94	19.09	18.88	
10	64QAM	25	25	18.87	19.03	18.84	
10	64QAM	50	0	18.92	19.04	18.83	
10	256QAM	1	0	17.15	17.33	17.10	18
10	256QAM	1	25	17.27	17.38	17.21	
10	256QAM	1	49	17.12	17.29	17.10	
10	256QAM	25	0	17.46	17.58	17.43	18
10	256QAM	25	12	17.38	17.58	17.35	
10	256QAM	25	25	17.43	17.62	17.41	
10	256QAM	50	0	17.43	17.54	17.34	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	19.11	19.32	19.10	20
5	QPSK	1	12	18.86	19.05	18.84	
5	QPSK	1	24	18.82	19.03	18.80	
5	QPSK	12	0	18.96	19.12	18.91	20
5	QPSK	12	7	18.85	19.00	18.81	
5	QPSK	12	13	18.88	19.02	18.80	

5	QPSK	25	0	18.92	19.11	18.87	
5	16QAM	1	0	19.12	19.30	19.04	20
5	16QAM	1	12	19.12	19.28	19.08	
5	16QAM	1	24	19.12	19.30	19.09	
5	16QAM	12	0	18.91	19.09	18.83	20
5	16QAM	12	7	18.91	19.08	18.90	
5	16QAM	12	13	18.86	19.02	18.76	
5	16QAM	25	0	18.83	18.96	18.78	
5	64QAM	1	0	19.09	19.23	19.05	20
5	64QAM	1	12	19.08	19.26	19.07	
5	64QAM	1	24	19.13	19.31	19.08	
5	64QAM	12	0	18.95	19.13	18.88	20
5	64QAM	12	7	18.93	19.06	18.87	
5	64QAM	12	13	18.89	19.04	18.87	
5	64QAM	25	0	18.90	19.08	18.85	
5	256QAM	1	0	17.17	17.32	17.10	18
5	256QAM	1	12	17.21	17.42	17.17	
5	256QAM	1	24	17.16	17.30	17.10	
5	256QAM	12	0	17.43	17.64	17.40	18
5	256QAM	12	7	17.37	17.53	17.33	
5	256QAM	12	13	17.42	17.61	17.39	
5	256QAM	25	0	17.40	17.60	17.35	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	19.10	19.29	19.08	20
3	QPSK	1	8	18.86	19.00	18.78	
3	QPSK	1	14	18.85	19.04	18.80	
3	QPSK	8	0	18.98	19.12	18.95	20
3	QPSK	8	4	18.84	19.01	18.75	
3	QPSK	8	7	18.88	19.01	18.80	
3	QPSK	15	0	18.91	19.06	18.90	
3	16QAM	1	0	19.13	19.27	19.08	20
3	16QAM	1	8	19.11	19.27	19.09	
3	16QAM	1	14	19.10	19.29	19.05	
3	16QAM	8	0	18.90	19.05	18.86	20
3	16QAM	8	4	18.93	19.08	18.91	
3	16QAM	8	7	18.81	19.00	18.76	
3	16QAM	15	0	18.84	18.96	18.79	
3	64QAM	1	0	19.07	19.26	19.04	20
3	64QAM	1	8	19.12	19.27	19.03	
3	64QAM	1	14	19.10	19.31	19.04	
3	64QAM	8	0	18.99	19.12	18.89	20
3	64QAM	8	4	18.93	19.08	18.85	
3	64QAM	8	7	18.92	19.09	18.85	
3	64QAM	15	0	18.92	19.10	18.85	
3	256QAM	1	0	17.16	17.30	17.08	18
3	256QAM	1	8	17.25	17.42	17.18	
3	256QAM	1	14	17.12	17.29	17.08	
3	256QAM	8	0	17.44	17.64	17.38	18
3	256QAM	8	4	17.37	17.52	17.35	
3	256QAM	8	7	17.46	17.60	17.37	
3	256QAM	15	0	17.43	17.58	17.35	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	19.03	18.96	18.94	20
1.4	QPSK	1	3	19.05	19.03	18.95	
1.4	QPSK	1	5	19.01	19.00	18.92	
1.4	QPSK	3	0	19.11	19.09	19.08	
1.4	QPSK	3	1	19.12	19.11	19.02	
1.4	QPSK	3	3	19.13	19.05	19.05	
1.4	QPSK	6	0	19.11	19.02	19.05	20
1.4	16QAM	1	0	19.24	19.21	19.23	20
1.4	16QAM	1	3	19.29	19.24	19.23	

1.4	16QAM	1	5	19.27	19.26	19.27	
1.4	16QAM	3	0	19.31	19.21	19.28	
1.4	16QAM	3	1	19.32	19.24	19.23	
1.4	16QAM	3	3	19.31	19.25	19.26	
1.4	16QAM	6	0	19.02	19.02	19.01	20
1.4	64QAM	1	0	19.21	19.21	19.21	20
1.4	64QAM	1	3	19.21	19.12	19.21	
1.4	64QAM	1	5	19.16	19.13	19.14	
1.4	64QAM	3	0	19.32	19.27	19.32	
1.4	64QAM	3	1	19.32	19.31	19.25	
1.4	64QAM	3	3	19.33	19.29	19.28	
1.4	64QAM	6	0	19.13	19.08	19.13	20
1.4	256QAM	1	0	17.28	17.24	17.18	18
1.4	256QAM	1	3	17.33	17.30	17.31	
1.4	256QAM	1	5	17.29	17.24	17.21	
1.4	256QAM	3	0	17.47	17.38	17.46	
1.4	256QAM	3	1	17.50	17.43	17.48	
1.4	256QAM	3	3	17.48	17.39	17.48	
1.4	256QAM	6	0	17.43	17.33	17.36	18

<LTE Band 4_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	18.28	18.30	18.28	19
20	QPSK	1	49	18.20	18.22	18.15	
20	QPSK	1	99	18.27	18.22	18.15	
20	QPSK	50	0	17.36	17.37	17.23	18
20	QPSK	50	24	17.35	17.25	17.19	
20	QPSK	50	50	17.30	17.28	17.21	
20	QPSK	100	0	17.31	17.32	17.19	
20	16QAM	1	0	17.58	17.57	17.62	18
20	16QAM	1	49	17.56	17.49	17.57	
20	16QAM	1	99	17.53	17.48	17.44	
20	16QAM	50	0	16.26	16.26	16.24	17
20	16QAM	50	24	16.33	16.27	16.21	
20	16QAM	50	50	16.32	16.31	16.21	
20	16QAM	100	0	16.31	16.26	16.19	
20	64QAM	1	0	16.47	16.53	16.50	17
20	64QAM	1	49	16.42	16.47	16.37	
20	64QAM	1	99	16.47	16.44	16.37	
20	64QAM	50	0	15.26	15.28	15.23	16
20	64QAM	50	24	15.32	15.25	15.20	
20	64QAM	50	50	15.28	15.30	15.22	
20	64QAM	100	0	15.32	15.25	15.17	
20	256QAM	1	0	13.08	13.24	13.11	14
20	256QAM	1	49	13.13	13.26	13.14	
20	256QAM	1	99	13.12	13.23	13.08	
20	256QAM	50	0	12.86	13.01	12.86	14
20	256QAM	50	24	12.96	13.13	13.03	
20	256QAM	50	50	13.04	13.19	13.09	
20	256QAM	100	0	12.82	13.01	12.87	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	18.06	18.13	18.11	19
15	QPSK	1	37	18.10	18.04	17.95	
15	QPSK	1	74	18.15	18.05	18.04	
15	QPSK	36	0	17.08	17.15	17.09	18
15	QPSK	36	20	17.25	17.15	17.09	

15	QPSK	36	39	17.11	17.10	17.11	
15	QPSK	75	0	17.11	17.16	17.02	
15	16QAM	1	0	17.41	17.37	17.52	18
15	16QAM	1	37	17.42	17.38	17.46	
15	16QAM	1	74	17.33	17.33	17.31	
15	16QAM	36	0	16.15	16.15	16.13	17
15	16QAM	36	20	16.17	16.16	16.09	
15	16QAM	36	39	16.13	16.19	16.08	
15	16QAM	75	0	16.19	16.16	16.03	
15	64QAM	1	0	16.31	16.34	16.37	17
15	64QAM	1	37	16.29	16.30	16.22	
15	64QAM	1	74	16.30	16.25	16.24	
15	64QAM	36	0	15.13	15.10	15.05	16
15	64QAM	36	20	15.13	15.13	15.08	
15	64QAM	36	39	15.12	15.13	15.10	
15	64QAM	75	0	15.17	15.07	15.04	
15	256QAM	1	0	12.94	13.11	12.93	14
15	256QAM	1	37	12.97	13.10	12.94	
15	256QAM	1	74	12.96	13.11	12.92	
15	256QAM	36	0	12.71	12.85	12.68	14
15	256QAM	36	20	12.80	13.01	12.84	
15	256QAM	36	39	12.87	13.06	12.96	
15	256QAM	75	0	12.71	12.83	12.69	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	18.09	18.12	18.16	19
10	QPSK	1	25	18.07	18.03	18.05	
10	QPSK	1	49	18.08	18.03	17.96	
10	QPSK	25	0	17.06	17.17	17.08	18
10	QPSK	25	12	17.16	17.08	17.04	
10	QPSK	25	25	17.14	17.14	17.03	
10	QPSK	50	0	17.19	17.12	17.01	
10	16QAM	1	0	17.45	17.47	17.46	18
10	16QAM	1	25	17.42	17.33	17.45	
10	16QAM	1	49	17.34	17.29	17.30	
10	16QAM	25	0	16.08	16.07	16.12	17
10	16QAM	25	12	16.15	16.16	16.10	
10	16QAM	25	25	16.20	16.20	16.06	
10	16QAM	50	0	16.15	16.14	16.00	
10	64QAM	1	0	16.31	16.40	16.32	17
10	64QAM	1	25	16.24	16.29	16.25	
10	64QAM	1	49	16.31	16.32	16.25	
10	64QAM	25	0	15.14	15.14	15.05	16
10	64QAM	25	12	15.21	15.08	15.07	
10	64QAM	25	25	15.09	15.10	15.05	
10	64QAM	50	0	15.17	15.07	15.00	
10	256QAM	1	0	12.97	13.08	12.97	14
10	256QAM	1	25	12.99	13.09	12.97	
10	256QAM	1	49	13.02	13.05	12.91	
10	256QAM	25	0	12.76	12.81	12.68	14
10	256QAM	25	12	12.79	13.02	12.92	
10	256QAM	25	25	12.85	13.07	12.93	
10	256QAM	50	0	12.64	12.83	12.75	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	18.08	18.17	18.14	19
5	QPSK	1	12	18.07	18.04	18.05	
5	QPSK	1	24	18.08	18.02	17.95	
5	QPSK	12	0	17.11	17.18	17.04	18
5	QPSK	12	7	17.24	17.13	17.09	
5	QPSK	12	13	17.19	17.12	17.03	
5	QPSK	25	0	17.18	17.15	17.00	
5	16QAM	1	0	17.46	17.44	17.51	18

5	16QAM	1	12	17.39	17.39	17.43	
5	16QAM	1	24	17.34	17.29	17.26	
5	16QAM	12	0	16.12	16.16	16.06	17
5	16QAM	12	7	16.21	16.10	16.01	
5	16QAM	12	13	16.13	16.20	16.02	
5	16QAM	25	0	16.20	16.06	16.06	
5	64QAM	1	0	16.35	16.37	16.31	17
5	64QAM	1	12	16.24	16.35	16.27	
5	64QAM	1	24	16.36	16.33	16.18	
5	64QAM	12	0	15.16	15.11	15.08	16
5	64QAM	12	7	15.22	15.14	15.08	
5	64QAM	12	13	15.14	15.11	15.12	
5	64QAM	25	0	15.16	15.08	15.07	
5	256QAM	1	0	12.97	13.04	12.92	14
5	256QAM	1	12	12.98	13.13	13.00	
5	256QAM	1	24	12.97	13.07	12.92	
5	256QAM	12	0	12.72	12.81	12.67	14
5	256QAM	12	7	12.84	13.03	12.92	
5	256QAM	12	13	12.87	13.07	12.93	
5	256QAM	25	0	12.62	12.90	12.77	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	18.04	18.10	18.17	19
3	QPSK	1	8	18.05	18.03	17.95	
3	QPSK	1	14	18.08	18.02	18.02	
3	QPSK	8	0	17.13	17.15	17.03	18
3	QPSK	8	4	17.22	17.09	17.02	
3	QPSK	8	7	17.14	17.14	17.01	
3	QPSK	15	0	17.18	17.14	17.09	
3	16QAM	1	0	17.45	17.40	17.48	18
3	16QAM	1	8	17.39	17.30	17.39	
3	16QAM	1	14	17.35	17.33	17.34	
3	16QAM	8	0	16.16	16.10	16.13	17
3	16QAM	8	4	16.14	16.13	16.11	
3	16QAM	8	7	16.22	16.11	16.03	
3	16QAM	15	0	16.16	16.15	16.05	
3	64QAM	1	0	16.32	16.38	16.38	17
3	64QAM	1	8	16.28	16.29	16.20	
3	64QAM	1	14	16.37	16.30	16.22	
3	64QAM	8	0	15.08	15.18	15.11	16
3	64QAM	8	4	15.13	15.06	15.09	
3	64QAM	8	7	15.11	15.14	15.04	
3	64QAM	15	0	15.20	15.14	15.06	
3	256QAM	1	0	12.96	13.10	12.97	14
3	256QAM	1	8	12.97	13.12	12.97	
3	256QAM	1	14	13.02	13.04	12.92	
3	256QAM	8	0	12.70	12.82	12.73	14
3	256QAM	8	4	12.77	12.98	12.86	
3	256QAM	8	7	12.85	13.06	12.96	
3	256QAM	15	0	12.66	12.90	12.67	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	18.13	18.20	18.15	19
1.4	QPSK	1	3	18.10	18.09	17.95	
1.4	QPSK	1	5	18.15	18.07	17.97	
1.4	QPSK	3	0	17.94	18.09	17.98	
1.4	QPSK	3	1	17.92	17.96	17.77	
1.4	QPSK	3	3	18.05	17.92	17.81	
1.4	QPSK	6	0	17.21	17.09	17.08	18
1.4	16QAM	1	0	17.45	17.41	17.43	18
1.4	16QAM	1	3	17.37	17.36	17.44	
1.4	16QAM	1	5	17.37	17.33	17.27	
1.4	16QAM	3	0	17.15	17.08	17.09	

1.4	16QAM	3	1	17.21	17.11	17.04	
1.4	16QAM	3	3	17.17	17.11	17.08	
1.4	16QAM	6	0	16.16	16.14	15.99	17
1.4	64QAM	1	0	16.33	16.35	16.35	17
1.4	64QAM	1	3	16.24	16.33	16.24	
1.4	64QAM	1	5	16.30	16.27	16.25	
1.4	64QAM	3	0	16.07	16.14	16.08	
1.4	64QAM	3	1	16.13	16.14	16.07	
1.4	64QAM	3	3	16.15	16.11	16.02	
1.4	64QAM	6	0	15.14	15.13	15.02	16
1.4	256QAM	1	0	12.97	13.04	12.95	14
1.4	256QAM	1	3	12.99	13.10	12.98	
1.4	256QAM	1	5	12.93	13.09	12.90	
1.4	256QAM	3	0	12.67	12.83	12.74	
1.4	256QAM	3	1	12.76	12.97	12.93	
1.4	256QAM	3	3	12.86	13.05	12.93	
1.4	256QAM	6	0	12.66	12.81	12.73	14

<LTE Band 4_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	19.08	19.36	19.11	19.5
20	QPSK	1	49	18.76	19.04	18.79	
20	QPSK	1	99	18.81	19.09	18.84	
20	QPSK	50	0	18.86	19.14	18.89	19.5
20	QPSK	50	24	18.83	19.11	18.86	
20	QPSK	50	50	18.82	19.10	18.85	
20	QPSK	100	0	18.77	19.05	18.80	
20	16QAM	1	0	19.04	19.32	19.07	19.5
20	16QAM	1	49	19.05	19.33	19.08	
20	16QAM	1	99	19.07	19.35	19.10	
20	16QAM	50	0	18.87	19.15	18.90	19.5
20	16QAM	50	24	18.80	19.08	18.83	
20	16QAM	50	50	18.82	19.10	18.85	
20	16QAM	100	0	18.77	19.05	18.80	
20	64QAM	1	0	18.99	19.27	19.02	19.5
20	64QAM	1	49	18.97	19.25	19.00	
20	64QAM	1	99	19.01	19.29	19.04	
20	64QAM	50	0	18.88	19.16	18.91	19.5
20	64QAM	50	24	18.82	19.10	18.85	
20	64QAM	50	50	18.80	19.08	18.83	
20	64QAM	100	0	18.87	19.15	18.90	
20	256QAM	1	0	17.05	17.33	17.08	18.5
20	256QAM	1	49	17.10	17.38	17.13	
20	256QAM	1	99	17.04	17.32	17.07	
20	256QAM	50	0	17.39	17.67	17.42	18.5
20	256QAM	50	24	17.34	17.62	17.37	
20	256QAM	50	50	17.33	17.61	17.36	
20	256QAM	100	0	17.31	17.59	17.34	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	19.03	19.32	19.06	19.5
15	QPSK	1	37	18.69	18.95	18.76	
15	QPSK	1	74	18.76	19.05	18.81	
15	QPSK	36	0	18.77	19.07	18.83	19.5
15	QPSK	36	20	18.75	19.05	18.79	
15	QPSK	36	39	18.74	19.03	18.77	
15	QPSK	75	0	18.74	19.01	18.71	

15	16QAM	1	0	19.01	19.29	18.98	19.5
15	16QAM	1	37	18.96	19.28	19.00	
15	16QAM	1	74	19.02	19.31	19.02	
15	16QAM	36	0	18.79	19.12	18.87	19.5
15	16QAM	36	20	18.72	19.02	18.76	
15	16QAM	36	39	18.74	19.06	18.81	
15	16QAM	75	0	18.73	19.01	18.74	
15	64QAM	1	0	18.93	19.22	18.94	19.5
15	64QAM	1	37	18.92	19.19	18.94	
15	64QAM	1	74	18.94	19.23	18.99	
15	64QAM	36	0	18.79	19.11	18.82	19.5
15	64QAM	36	20	18.74	19.05	18.76	
15	64QAM	36	39	18.73	18.99	18.74	
15	64QAM	75	0	18.82	19.06	18.84	
15	256QAM	1	0	17.01	17.27	17.01	18.5
15	256QAM	1	37	17.02	17.34	17.09	
15	256QAM	1	74	16.98	17.26	16.98	
15	256QAM	36	0	17.33	17.64	17.34	18.5
15	256QAM	36	20	17.29	17.57	17.32	
15	256QAM	36	39	17.26	17.58	17.27	
15	256QAM	75	0	17.28	17.53	17.27	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	19.01	19.29	19.07	19.5
10	QPSK	1	25	18.70	18.96	18.76	
10	QPSK	1	49	18.77	19.01	18.79	
10	QPSK	25	0	18.77	19.07	18.86	19.5
10	QPSK	25	12	18.75	19.05	18.79	
10	QPSK	25	25	18.77	19.01	18.81	
10	QPSK	50	0	18.73	19.00	18.77	
10	16QAM	1	0	19.01	19.29	19.02	19.5
10	16QAM	1	25	18.96	19.26	19.03	
10	16QAM	1	49	19.02	19.29	19.02	
10	16QAM	25	0	18.81	19.12	18.84	19.5
10	16QAM	25	12	18.72	19.03	18.78	
10	16QAM	25	25	18.77	19.03	18.81	
10	16QAM	50	0	18.68	19.02	18.74	
10	64QAM	1	0	18.95	19.18	18.98	19.5
10	64QAM	1	25	18.91	19.16	18.91	
10	64QAM	1	49	18.92	19.20	18.95	
10	64QAM	25	0	18.79	19.08	18.87	19.5
10	64QAM	25	12	18.76	19.02	18.77	
10	64QAM	25	25	18.71	19.03	18.74	
10	64QAM	50	0	18.83	19.07	18.86	
10	256QAM	1	0	17.00	17.30	16.99	18.5
10	256QAM	1	25	17.05	17.35	17.06	
10	256QAM	1	49	16.97	17.23	17.01	
10	256QAM	25	0	17.31	17.60	17.36	18.5
10	256QAM	25	12	17.28	17.56	17.31	
10	256QAM	25	25	17.27	17.52	17.31	
10	256QAM	50	0	17.27	17.56	17.30	
Channel				19975	20175	20375	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1732.5	1752.5	
5	QPSK	1	0	19.00	19.31	19.08	19.5
5	QPSK	1	12	18.72	18.97	18.74	
5	QPSK	1	24	18.74	19.02	18.78	
5	QPSK	12	0	18.79	19.06	18.82	19.5
5	QPSK	12	7	18.78	19.06	18.80	
5	QPSK	12	13	18.79	19.01	18.77	
5	QPSK	25	0	18.71	18.98	18.77	
5	16QAM	1	0	18.98	19.25	18.98	19.5
5	16QAM	1	12	18.96	19.29	19.02	
5	16QAM	1	24	19.00	19.31	19.05	

5	16QAM	12	0	18.84	19.09	18.81	19.5
5	16QAM	12	7	18.72	19.02	18.77	
5	16QAM	12	13	18.74	19.04	18.81	
5	16QAM	25	0	18.71	18.97	18.73	
5	64QAM	1	0	18.92	19.24	18.97	19.5
5	64QAM	1	12	18.91	19.17	18.96	
5	64QAM	1	24	18.98	19.21	19.01	
5	64QAM	12	0	18.79	19.09	18.84	19.5
5	64QAM	12	7	18.78	19.04	18.82	
5	64QAM	12	13	18.75	19.02	18.80	
5	64QAM	25	0	18.83	19.11	18.86	
5	256QAM	1	0	16.97	17.28	17.03	18.5
5	256QAM	1	12	17.06	17.29	17.04	
5	256QAM	1	24	16.95	17.27	16.98	
5	256QAM	12	0	17.34	17.62	17.37	18.5
5	256QAM	12	7	17.27	17.58	17.28	
5	256QAM	12	13	17.25	17.53	17.33	
5	256QAM	25	0	17.27	17.56	17.27	
Channel				19965	20175	20385	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1732.5	1753.5	
3	QPSK	1	0	19.03	19.29	19.05	19.5
3	QPSK	1	8	18.69	18.97	18.75	
3	QPSK	1	14	18.75	19.06	18.80	
3	QPSK	8	0	18.82	19.06	18.86	19.5
3	QPSK	8	4	18.75	19.04	18.77	
3	QPSK	8	7	18.74	19.01	18.81	
3	QPSK	15	0	18.69	18.97	18.74	
3	16QAM	1	0	19.00	19.29	19.02	19.5
3	16QAM	1	8	19.00	19.26	19.05	
3	16QAM	1	14	19.01	19.26	19.07	
3	16QAM	8	0	18.79	19.09	18.85	19.5
3	16QAM	8	4	18.75	19.02	18.78	
3	16QAM	8	7	18.77	19.04	18.81	
3	16QAM	15	0	18.73	18.96	18.72	
3	64QAM	1	0	18.91	19.22	18.96	19.5
3	64QAM	1	8	18.89	19.22	18.94	
3	64QAM	1	14	18.95	19.22	19.00	
3	64QAM	8	0	18.82	19.09	18.87	19.5
3	64QAM	8	4	18.76	19.07	18.80	
3	64QAM	8	7	18.76	19.03	18.77	
3	64QAM	15	0	18.82	19.07	18.83	
3	256QAM	1	0	17.01	17.29	17.04	18.5
3	256QAM	1	8	17.02	17.29	17.10	
3	256QAM	1	14	16.99	17.26	17.03	
3	256QAM	8	0	17.30	17.58	17.35	18.5
3	256QAM	8	4	17.28	17.53	17.32	
3	256QAM	8	7	17.25	17.57	17.27	
3	256QAM	15	0	17.27	17.50	17.29	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	19.06	19.06	19.02	19.5
1.4	QPSK	1	3	19.09	19.12	19.10	
1.4	QPSK	1	5	19.06	19.09	19.08	
1.4	QPSK	3	0	19.12	19.16	19.08	
1.4	QPSK	3	1	19.11	19.17	19.14	
1.4	QPSK	3	3	19.17	19.22	19.12	
1.4	QPSK	6	0	19.14	19.14	19.04	19.5
1.4	16QAM	1	0	19.24	19.33	19.33	19.5
1.4	16QAM	1	3	19.35	19.33	19.30	
1.4	16QAM	1	5	19.19	19.29	19.25	
1.4	16QAM	3	0	19.35	19.30	19.30	
1.4	16QAM	3	1	19.30	19.32	19.33	
1.4	16QAM	3	3	19.31	19.34	19.31	

1.4	16QAM	6	0	19.09	19.11	19.09	19.5
1.4	64QAM	1	0	19.20	19.20	19.17	19.5
1.4	64QAM	1	3	19.25	19.25	19.16	
1.4	64QAM	1	5	19.25	19.25	19.17	
1.4	64QAM	3	0	19.33	19.34	19.34	
1.4	64QAM	3	1	19.31	19.35	19.30	
1.4	64QAM	3	3	19.31	19.33	19.30	
1.4	64QAM	6	0	19.13	19.16	19.09	19.5
1.4	256QAM	1	0	17.29	17.32	17.31	18.5
1.4	256QAM	1	3	17.31	17.38	17.28	
1.4	256QAM	1	5	17.24	17.30	17.26	
1.4	256QAM	3	0	17.47	17.56	17.51	
1.4	256QAM	3	1	17.52	17.57	17.49	
1.4	256QAM	3	3	17.51	17.53	17.51	
1.4	256QAM	6	0	17.42	17.49	17.45	18.5

<LTE Band 5_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	17.20	17.30	17.28	19
10	QPSK	1	25	17.17	17.25	17.27	
10	QPSK	1	49	17.19	17.29	17.15	
10	QPSK	25	0	16.24	16.32	16.27	18
10	QPSK	25	12	16.23	16.23	16.24	
10	QPSK	25	25	16.19	16.31	16.22	
10	QPSK	50	0	16.21	16.21	16.18	
10	16QAM	1	0	16.58	16.47	16.63	18
10	16QAM	1	25	16.58	16.57	16.60	
10	16QAM	1	49	16.50	16.62	16.50	
10	16QAM	25	0	15.20	15.23	15.30	17
10	16QAM	25	12	15.24	15.28	15.32	
10	16QAM	25	25	15.22	15.38	15.28	
10	16QAM	50	0	15.23	15.20	15.20	
10	64QAM	1	0	15.48	15.37	15.56	17
10	64QAM	1	25	15.36	15.40	15.54	
10	64QAM	1	49	15.39	15.49	15.37	
10	64QAM	25	0	14.20	14.22	14.32	16
10	64QAM	25	12	14.24	14.24	14.29	
10	64QAM	25	25	14.21	14.34	14.25	
10	64QAM	50	0	14.21	14.20	14.23	
10	256QAM	1	0	12.07	12.21	12.09	14
10	256QAM	1	25	12.20	12.40	12.26	
10	256QAM	1	49	12.18	12.30	12.18	
10	256QAM	25	0	12.03	12.13	12.00	14
10	256QAM	25	12	12.02	12.20	12.07	
10	256QAM	25	25	12.10	12.28	12.17	
10	256QAM	50	0	12.00	12.17	12.00	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	17.01	17.11	17.12	19
5	QPSK	1	12	17.06	17.12	17.13	
5	QPSK	1	24	17.01	17.09	17.00	
5	QPSK	12	0	16.00	16.00	16.15	18
5	QPSK	12	7	16.08	16.05	16.13	
5	QPSK	12	13	16.00	16.21	16.05	
5	QPSK	25	0	16.05	16.10	16.03	
5	16QAM	1	0	16.48	16.35	16.49	18
5	16QAM	1	12	16.40	16.40	16.41	

5	16QAM	1	24	16.36	16.45	16.34	
5	16QAM	12	0	15.04	15.04	15.10	17
5	16QAM	12	7	15.05	15.12	15.19	
5	16QAM	12	13	15.08	15.25	15.08	
5	16QAM	25	0	15.05	15.05	15.07	
5	64QAM	1	0	15.32	15.27	15.36	17
5	64QAM	1	12	15.24	15.27	15.34	
5	64QAM	1	24	15.22	15.34	15.21	
5	64QAM	12	0	14.03	14.09	14.17	16
5	64QAM	12	7	14.14	14.04	14.17	
5	64QAM	12	13	14.02	14.23	14.15	
5	64QAM	25	0	14.03	14.09	14.09	
5	256QAM	1	0	12.00	12.11	12.00	14
5	256QAM	1	12	12.00	12.29	12.12	
5	256QAM	1	24	12.01	12.15	12.00	
5	256QAM	12	0	12.00	12.03	12.00	14
5	256QAM	12	7	12.00	12.03	12.00	
5	256QAM	12	13	12.00	12.11	12.05	
5	256QAM	25	0	12.00	12.03	12.00	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	17.09	17.11	17.12	19
3	QPSK	1	8	17.07	17.13	17.08	
3	QPSK	1	14	17.00	17.16	17.02	
3	QPSK	8	0	16.07	16.00	16.09	18
3	QPSK	8	4	16.13	16.12	16.14	
3	QPSK	8	7	16.00	16.12	16.04	
3	QPSK	15	0	16.01	16.02	16.04	
3	16QAM	1	0	16.42	16.30	16.48	18
3	16QAM	1	8	16.48	16.45	16.46	
3	16QAM	1	14	16.32	16.51	16.30	
3	16QAM	8	0	15.02	15.12	15.20	17
3	16QAM	8	4	15.06	15.18	15.12	
3	16QAM	8	7	15.04	15.18	15.15	
3	16QAM	15	0	15.11	15.09	15.03	
3	64QAM	1	0	15.35	15.23	15.38	17
3	64QAM	1	8	15.26	15.26	15.39	
3	64QAM	1	14	15.25	15.39	15.19	
3	64QAM	8	0	14.10	14.06	14.13	16
3	64QAM	8	4	14.05	14.11	14.11	
3	64QAM	8	7	14.02	14.19	14.13	
3	64QAM	15	0	14.07	14.01	14.05	
3	256QAM	1	0	12.00	12.09	12.00	14
3	256QAM	1	8	12.04	12.25	12.08	
3	256QAM	1	14	12.05	12.10	12.01	
3	256QAM	8	0	12.00	12.00	12.00	14
3	256QAM	8	4	12.00	12.06	12.00	
3	256QAM	8	7	12.00	12.18	12.00	
3	256QAM	15	0	12.00	12.04	12.00	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	17.05	17.12	17.09	19
1.4	QPSK	1	3	17.00	17.09	17.15	
1.4	QPSK	1	5	17.04	17.19	17.04	
1.4	QPSK	3	0	17.00	17.00	17.00	
1.4	QPSK	3	1	17.00	17.00	17.02	
1.4	QPSK	3	3	17.00	17.09	17.00	
1.4	QPSK	6	0	16.03	16.04	16.02	18
1.4	16QAM	1	0	16.38	16.28	16.47	18
1.4	16QAM	1	3	16.43	16.41	16.42	
1.4	16QAM	1	5	16.32	16.48	16.37	
1.4	16QAM	3	0	16.05	16.06	16.16	
1.4	16QAM	3	1	16.07	16.13	16.05	

1.4	16QAM	3	3	16.08	16.17	16.08	
1.4	16QAM	6	0	15.12	15.04	15.02	17
1.4	64QAM	1	0	15.32	15.20	15.43	17
1.4	64QAM	1	3	15.19	15.30	15.40	
1.4	64QAM	1	5	15.28	15.30	15.19	
1.4	64QAM	3	0	15.07	15.04	15.11	
1.4	64QAM	3	1	15.14	15.15	15.20	
1.4	64QAM	3	3	15.12	15.27	15.10	
1.4	64QAM	6	0	14.06	14.10	14.06	16
1.4	256QAM	1	0	12.00	12.11	12.00	14
1.4	256QAM	1	3	12.02	12.23	12.08	
1.4	256QAM	1	5	12.00	12.18	12.07	
1.4	256QAM	3	0	12.00	12.00	12.00	
1.4	256QAM	3	1	12.00	12.03	12.00	
1.4	256QAM	3	3	12.00	12.18	12.06	
1.4	256QAM	6	0	12.00	12.00	12.00	14

<LTE Band 7_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	16.21	16.24	16.21	16.5
20	QPSK	1	49	16.19	16.14	16.20	
20	QPSK	1	99	16.18	16.23	16.20	
20	QPSK	50	0	15.27	15.28	15.25	15.5
20	QPSK	50	24	15.23	15.17	15.19	
20	QPSK	50	50	15.26	15.26	15.24	
20	QPSK	100	0	15.23	15.24	15.14	
20	16QAM	1	0	15.31	15.40	15.46	15.5
20	16QAM	1	49	15.49	15.41	15.46	
20	16QAM	1	99	15.48	15.49	15.48	
20	16QAM	50	0	14.12	14.14	14.13	14.5
20	16QAM	50	24	14.24	14.18	14.19	
20	16QAM	50	50	14.25	14.26	14.24	
20	16QAM	100	0	14.20	14.16	14.16	
20	64QAM	1	0	14.15	14.23	14.26	14.5
20	64QAM	1	49	14.40	14.33	14.37	
20	64QAM	1	99	14.38	14.48	14.41	
20	64QAM	50	0	13.12	13.13	13.14	13.5
20	64QAM	50	24	13.20	13.16	13.18	
20	64QAM	50	50	13.26	13.24	13.22	
20	64QAM	100	0	13.22	13.12	13.13	
20	256QAM	1	0	10.81	10.99	10.83	11.5
20	256QAM	1	49	10.78	10.92	10.81	
20	256QAM	1	99	10.78	10.95	10.78	
20	256QAM	50	0	10.71	10.82	10.64	11.5
20	256QAM	50	24	10.75	10.85	10.71	
20	256QAM	50	50	10.79	10.95	10.83	
20	256QAM	100	0	10.75	10.89	10.74	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	15.89	16.14	15.91	16.5
15	QPSK	1	37	16.07	16.03	16.00	
15	QPSK	1	74	15.98	16.08	16.01	
15	QPSK	36	0	15.02	15.03	14.98	15.5
15	QPSK	36	20	15.11	15.07	15.04	
15	QPSK	36	39	15.07	15.14	15.14	
15	QPSK	75	0	15.07	14.99	15.00	
15	16QAM	1	0	15.13	15.27	15.32	15.5

15	16QAM	1	37	15.33	15.22	15.42	
15	16QAM	1	74	15.32	15.35	15.40	
15	16QAM	36	0	13.94	13.94	13.94	14.5
15	16QAM	36	20	14.13	14.05	14.07	
15	16QAM	36	39	14.08	14.13	14.12	
15	16QAM	75	0	14.06	13.96	13.99	
15	64QAM	1	0	13.99	14.10	14.16	14.5
15	64QAM	1	37	14.29	14.19	14.25	
15	64QAM	1	74	14.24	14.32	14.29	
15	64QAM	36	0	12.92	12.93	13.03	13.5
15	64QAM	36	20	13.05	13.06	13.08	
15	64QAM	36	39	13.07	13.11	13.07	
15	64QAM	75	0	13.08	13.01	12.98	
15	256QAM	1	0	10.67	10.80	10.73	11.5
15	256QAM	1	37	10.67	10.80	10.63	
15	256QAM	1	74	10.63	10.78	10.67	
15	256QAM	36	0	10.58	10.72	10.45	11.5
15	256QAM	36	20	10.60	10.73	10.57	
15	256QAM	36	39	10.67	10.76	10.69	
15	256QAM	75	0	10.55	10.76	10.58	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	15.85	16.11	15.86	16.5
10	QPSK	1	25	16.08	15.98	16.04	
10	QPSK	1	49	15.99	16.04	16.07	
10	QPSK	25	0	15.01	15.00	14.96	15.5
10	QPSK	25	12	15.04	15.07	15.00	
10	QPSK	25	25	15.08	15.16	15.07	
10	QPSK	50	0	15.05	15.03	14.98	
10	16QAM	1	0	15.21	15.28	15.32	15.5
10	16QAM	1	25	15.38	15.28	15.43	
10	16QAM	1	49	15.32	15.41	15.42	
10	16QAM	25	0	13.97	13.95	13.94	14.5
10	16QAM	25	12	14.07	14.01	14.01	
10	16QAM	25	25	14.09	14.16	14.05	
10	16QAM	50	0	14.00	14.00	13.97	
10	64QAM	1	0	14.03	14.09	14.16	14.5
10	64QAM	1	25	14.30	14.17	14.26	
10	64QAM	1	49	14.20	14.35	14.29	
10	64QAM	25	0	12.92	12.95	13.00	13.5
10	64QAM	25	12	13.07	12.98	13.00	
10	64QAM	25	25	13.15	13.09	13.05	
10	64QAM	50	0	13.04	13.02	13.03	
10	256QAM	1	0	10.68	10.88	10.65	11.5
10	256QAM	1	25	10.59	10.80	10.67	
10	256QAM	1	49	10.65	10.79	10.62	
10	256QAM	25	0	10.55	10.69	10.46	11.5
10	256QAM	25	12	10.63	10.69	10.56	
10	256QAM	25	25	10.60	10.84	10.69	
10	256QAM	50	0	10.55	10.71	10.64	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	15.86	16.04	15.85	16.5
5	QPSK	1	12	16.02	16.03	16.07	
5	QPSK	1	24	15.99	16.03	16.05	
5	QPSK	12	0	14.99	14.94	15.03	15.5
5	QPSK	12	7	15.05	15.07	15.09	
5	QPSK	12	13	15.15	15.15	15.10	
5	QPSK	25	0	15.11	14.95	14.99	
5	16QAM	1	0	15.12	15.29	15.28	15.5
5	16QAM	1	12	15.36	15.29	15.35	
5	16QAM	1	24	15.30	15.42	15.38	
5	16QAM	12	0	14.00	14.01	14.01	14.5

5	16QAM	12	7	14.13	14.00	14.09	
5	16QAM	12	13	14.12	14.09	14.09	
5	16QAM	25	0	14.04	14.01	14.02	
5	64QAM	1	0	14.00	14.04	14.15	14.5
5	64QAM	1	12	14.28	14.20	14.17	
5	64QAM	1	24	14.25	14.34	14.26	
5	64QAM	12	0	13.01	12.94	12.99	13.5
5	64QAM	12	7	13.08	13.06	13.03	
5	64QAM	12	13	13.11	13.04	13.12	
5	64QAM	25	0	13.08	13.01	13.03	
5	256QAM	1	0	10.71	10.84	10.69	11.5
5	256QAM	1	12	10.67	10.80	10.64	
5	256QAM	1	24	10.64	10.75	10.65	
5	256QAM	12	0	10.57	10.62	10.44	11.5
5	256QAM	12	7	10.60	10.73	10.56	
5	256QAM	12	13	10.63	10.80	10.65	
5	256QAM	25	0	10.58	10.69	10.58	

<LTE Band 7_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	19.66	19.84	19.67	20.5
20	QPSK	1	49	19.59	19.63	19.55	
20	QPSK	1	99	19.60	19.65	19.56	
20	QPSK	50	0	19.65	19.73	19.66	20.5
20	QPSK	50	24	19.54	19.63	19.62	
20	QPSK	50	50	19.64	19.72	19.65	
20	QPSK	100	0	19.59	19.61	19.55	
20	16QAM	1	0	19.75	19.83	19.74	20.5
20	16QAM	1	49	19.71	19.74	19.74	
20	16QAM	1	99	19.79	19.80	19.70	
20	16QAM	50	0	19.45	19.54	19.46	20.5
20	16QAM	50	24	19.53	19.56	19.54	
20	16QAM	50	50	19.53	19.63	19.60	
20	16QAM	100	0	19.46	19.55	19.54	
20	64QAM	1	0	19.65	19.68	19.66	20.5
20	64QAM	1	49	19.55	19.65	19.58	
20	64QAM	1	99	19.71	19.71	19.63	
20	64QAM	50	0	19.62	19.64	19.62	20.5
20	64QAM	50	24	19.56	19.65	19.56	
20	64QAM	50	50	19.66	19.74	19.65	
20	64QAM	100	0	19.49	19.57	19.57	
20	256QAM	1	0	17.33	17.36	17.27	18.5
20	256QAM	1	49	17.43	17.44	17.34	
20	256QAM	1	99	17.40	17.45	17.40	
20	256QAM	50	0	17.57	17.60	17.56	18.5
20	256QAM	50	24	17.50	17.59	17.54	
20	256QAM	50	50	17.57	17.65	17.62	
20	256QAM	100	0	17.54	17.63	17.54	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	19.59	19.62	19.57	20.5
15	QPSK	1	37	19.49	19.60	19.54	
15	QPSK	1	74	19.58	19.57	19.54	
15	QPSK	36	0	19.52	19.54	19.61	20.5
15	QPSK	36	20	19.47	19.59	19.54	
15	QPSK	36	39	19.64	19.64	19.62	
15	QPSK	75	0	19.49	19.55	19.46	

15	16QAM	1	0	19.70	19.83	19.65	20.5
15	16QAM	1	37	19.61	19.73	19.65	
15	16QAM	1	74	19.78	19.71	19.60	
15	16QAM	36	0	19.44	19.50	19.46	20.5
15	16QAM	36	20	19.48	19.55	19.54	
15	16QAM	36	39	19.44	19.63	19.51	
15	16QAM	75	0	19.40	19.45	19.47	
15	64QAM	1	0	19.59	19.58	19.65	20.5
15	64QAM	1	37	19.49	19.61	19.58	
15	64QAM	1	74	19.67	19.70	19.58	
15	64QAM	36	0	19.57	19.55	19.62	20.5
15	64QAM	36	20	19.51	19.61	19.50	
15	64QAM	36	39	19.62	19.64	19.61	
15	64QAM	75	0	19.44	19.47	19.52	
15	256QAM	1	0	17.27	17.35	17.22	18.5
15	256QAM	1	37	17.38	17.36	17.33	
15	256QAM	1	74	17.38	17.35	17.33	
15	256QAM	36	0	17.51	17.54	17.52	18.5
15	256QAM	36	20	17.43	17.49	17.52	
15	256QAM	36	39	17.57	17.58	17.53	
15	256QAM	75	0	17.47	17.59	17.53	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	19.56	19.62	19.56	20.5
10	QPSK	1	25	19.50	19.57	19.47	
10	QPSK	1	49	19.60	19.63	19.53	
10	QPSK	25	0	19.52	19.55	19.52	20.5
10	QPSK	25	12	19.46	19.62	19.53	
10	QPSK	25	25	19.56	19.72	19.68	
10	QPSK	50	0	19.59	19.60	19.55	
10	16QAM	1	0	19.71	19.82	19.71	20.5
10	16QAM	1	25	19.64	19.64	19.65	
10	16QAM	1	49	19.73	19.76	19.61	
10	16QAM	25	0	19.38	19.45	19.40	20.5
10	16QAM	25	12	19.49	19.49	19.46	
10	16QAM	25	25	19.51	19.53	19.50	
10	16QAM	50	0	19.37	19.52	19.51	
10	64QAM	1	0	19.55	19.62	19.58	20.5
10	64QAM	1	25	19.47	19.56	19.51	
10	64QAM	1	49	19.66	19.64	19.60	
10	64QAM	25	0	19.53	19.58	19.53	20.5
10	64QAM	25	12	19.48	19.62	19.46	
10	64QAM	25	25	19.66	19.71	19.61	
10	64QAM	50	0	19.48	19.55	19.51	
10	256QAM	1	0	17.30	17.36	17.22	18.5
10	256QAM	1	25	17.43	17.44	17.25	
10	256QAM	1	49	17.31	17.44	17.38	
10	256QAM	25	0	17.49	17.51	17.54	18.5
10	256QAM	25	12	17.47	17.53	17.45	
10	256QAM	25	25	17.49	17.56	17.57	
10	256QAM	50	0	17.47	17.55	17.51	
Channel				20775	21100	21425	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	QPSK	1	0	19.60	19.64	19.54	20.5
5	QPSK	1	12	19.50	19.55	19.45	
5	QPSK	1	24	19.55	19.56	19.51	
5	QPSK	12	0	19.56	19.54	19.56	20.5
5	QPSK	12	7	19.54	19.59	19.61	
5	QPSK	12	13	19.55	19.63	19.61	
5	QPSK	25	0	19.56	19.52	19.45	
5	16QAM	1	0	19.69	19.82	19.68	20.5
5	16QAM	1	12	19.62	19.64	19.71	
5	16QAM	1	24	19.72	19.77	19.66	

5	16QAM	12	0	19.39	19.53	19.45	20.5
5	16QAM	12	7	19.50	19.47	19.53	
5	16QAM	12	13	19.51	19.57	19.52	
5	16QAM	25	0	19.41	19.45	19.44	
5	64QAM	1	0	19.58	19.66	19.56	20.5
5	64QAM	1	12	19.48	19.55	19.57	
5	64QAM	1	24	19.68	19.66	19.61	
5	64QAM	12	0	19.56	19.57	19.52	20.5
5	64QAM	12	7	19.49	19.55	19.54	
5	64QAM	12	13	19.57	19.70	19.60	
5	64QAM	25	0	19.47	19.56	19.49	
5	256QAM	1	0	17.33	17.29	17.20	18.5
5	256QAM	1	12	17.41	17.38	17.31	
5	256QAM	1	24	17.37	17.44	17.34	
5	256QAM	12	0	17.53	17.53	17.49	18.5
5	256QAM	12	7	17.48	17.49	17.50	
5	256QAM	12	13	17.53	17.65	17.56	
5	256QAM	25	0	17.53	17.56	17.52	

<LTE Band 12_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23060	23095	23130	
Frequency (MHz)				704	707.5	711	
10	QPSK	1	0	20.31	20.32	20.24	20.5
10	QPSK	1	25	20.30	20.30	20.23	
10	QPSK	1	49	20.28	20.24	20.20	
10	QPSK	25	0	19.34	19.35	19.32	19.5
10	QPSK	25	12	19.33	19.26	19.31	
10	QPSK	25	25	19.33	19.31	19.27	
10	QPSK	50	0	19.30	19.31	19.29	
10	16QAM	1	0	19.37	19.39	19.33	19.5
10	16QAM	1	25	19.38	19.49	19.31	
10	16QAM	1	49	19.48	19.44	19.35	
10	16QAM	25	0	18.25	18.25	18.20	18.5
10	16QAM	25	12	18.37	18.27	18.34	
10	16QAM	25	25	18.34	18.34	18.28	
10	16QAM	50	0	18.32	18.27	18.30	
10	64QAM	1	0	18.45	18.43	18.45	18.5
10	64QAM	1	25	18.50	18.45	18.49	
10	64QAM	1	49	18.44	18.45	18.47	
10	64QAM	25	0	17.22	17.25	17.18	17.5
10	64QAM	25	12	17.35	17.29	17.32	
10	64QAM	25	25	17.31	17.32	17.29	
10	64QAM	50	0	17.31	17.26	17.28	
10	256QAM	1	0	15.06	15.25	15.07	15.5
10	256QAM	1	25	15.23	15.35	15.19	
10	256QAM	1	49	15.13	15.23	15.08	
10	256QAM	25	0	15.10	15.24	15.14	15.5
10	256QAM	25	12	14.99	15.19	15.05	
10	256QAM	25	25	15.01	15.21	15.06	
10	256QAM	50	0	15.02	15.17	15.02	
Channel				23035	23095	23155	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	QPSK	1	0	20.07	20.19	20.06	20.5
5	QPSK	1	12	20.12	20.11	20.06	
5	QPSK	1	24	20.12	20.10	20.01	
5	QPSK	12	0	19.13	19.04	19.07	19.5
5	QPSK	12	7	19.15	19.12	19.14	
5	QPSK	12	13	19.21	19.15	19.07	

5	QPSK	25	0	19.12	19.06	19.09	
5	16QAM	1	0	19.40	19.47	19.41	19.5
5	16QAM	1	12	19.45	19.49	19.34	
5	16QAM	1	24	19.50	19.45	19.40	
5	16QAM	12	0	18.13	18.07	18.03	18.5
5	16QAM	12	7	18.21	18.13	18.23	
5	16QAM	12	13	18.15	18.17	18.18	
5	16QAM	25	0	18.17	18.11	18.15	
5	64QAM	1	0	18.28	18.25	18.26	18.5
5	64QAM	1	12	18.33	18.29	18.32	
5	64QAM	1	24	18.28	18.34	18.37	
5	64QAM	12	0	17.08	17.15	16.98	17.5
5	64QAM	12	7	17.17	17.09	17.15	
5	64QAM	12	13	17.21	17.17	17.17	
5	64QAM	25	0	17.14	17.13	17.10	
5	256QAM	1	0	14.95	15.12	14.95	15.5
5	256QAM	1	12	15.06	15.20	15.09	
5	256QAM	1	24	14.99	15.07	14.88	
5	256QAM	12	0	14.99	15.10	14.97	15.5
5	256QAM	12	7	14.86	15.05	14.92	
5	256QAM	12	13	14.84	15.06	14.92	
5	256QAM	25	0	14.92	15.03	14.88	
Channel				23025	23095	23165	Tune-up limit (dBm)
Frequency (MHz)				700.5	707.5	714.5	
3	QPSK	1	0	20.12	20.20	20.07	20.5
3	QPSK	1	8	20.16	20.13	20.09	
3	QPSK	1	14	20.13	20.09	20.06	
3	QPSK	8	0	19.12	19.10	19.04	19.5
3	QPSK	8	4	19.24	19.07	19.20	
3	QPSK	8	7	19.23	19.16	19.12	
3	QPSK	15	0	19.10	19.13	19.17	
3	16QAM	1	0	19.42	19.45	19.36	19.5
3	16QAM		8	19.45	19.49	19.34	
3	16QAM		14	19.46	19.47	19.37	
3	16QAM	8	0	18.08	18.14	18.01	18.5
3	16QAM	8	4	18.27	18.11	18.14	
3	16QAM	8	7	18.14	18.18	18.12	
3	16QAM	15	0	18.17	18.17	18.17	
3	64QAM	1	0	18.32	18.28	18.35	18.5
3	64QAM	1	8	18.33	18.33	18.36	
3	64QAM	1	14	18.24	18.25	18.34	
3	64QAM	8	0	17.03	17.10	16.99	17.5
3	64QAM	8	4	17.19	17.19	17.12	
3	64QAM	8	7	17.12	17.17	17.10	
3	64QAM	15	0	17.13	17.16	17.14	
3	256QAM	1	0	14.87	15.07	14.91	15.5
3	256QAM	1	8	15.07	15.23	15.05	
3	256QAM	1	14	15.03	15.03	14.96	
3	256QAM	8	0	14.91	15.06	14.94	15.5
3	256QAM	8	4	14.88	15.02	14.95	
3	256QAM	8	7	14.90	15.08	14.91	
3	256QAM	15	0	14.86	15.05	14.89	
Channel				23017	23095	23173	Tune-up limit (dBm)
Frequency (MHz)				699.7	707.5	715.3	
1.4	QPSK	1	0	20.13	20.20	20.03	20.5
1.4	QPSK	1	3	20.16	20.19	20.07	
1.4	QPSK	1	5	20.12	20.11	20.05	
1.4	QPSK	3	0	19.96	20.02	19.91	
1.4	QPSK	3	1	19.98	19.99	19.91	
1.4	QPSK	3	3	20.01	19.98	19.92	
1.4	QPSK	6	0	19.20	19.06	19.14	19.5
1.4	16QAM	1	0	19.46	19.49	19.38	19.5
1.4	16QAM	1	3	19.40	19.45	19.31	

1.4	16QAM	1	5	19.48	19.44	19.38	
1.4	16QAM	3	0	19.10	19.10	19.05	
1.4	16QAM	3	1	19.21	19.16	19.11	
1.4	16QAM	3	3	19.21	19.21	19.15	
1.4	16QAM	6	0	18.19	18.09	18.14	18.5
1.4	64QAM	1	0	18.35	18.27	18.33	18.5
1.4	64QAM	1	3	18.39	18.33	18.32	
1.4	64QAM	1	5	18.34	18.25	18.33	
1.4	64QAM	3	0	18.07	18.08	18.04	
1.4	64QAM	3	1	18.18	18.10	18.16	
1.4	64QAM	3	3	18.17	18.20	18.14	
1.4	64QAM	6	0	17.18	17.11	17.09	17.5
1.4	256QAM	1	0	14.87	15.15	14.96	15.5
1.4	256QAM	1	3	15.07	15.21	15.04	
1.4	256QAM	1	5	14.96	15.12	14.90	
1.4	256QAM	3	0	14.98	15.14	14.94	
1.4	256QAM	3	1	14.88	15.06	14.92	
1.4	256QAM	3	3	14.84	15.06	14.88	
1.4	256QAM	6	0	14.82	14.97	14.92	15.5

<LTE Band 13_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					23230		
Frequency (MHz)					782		
10	QPSK	1	0		18.66		19.5
10	QPSK	1	25		18.65		
10	QPSK	1	49		18.57		
10	QPSK	25	0		17.72		18.5
10	QPSK	25	12		17.71		
10	QPSK	25	25		17.66		
10	QPSK	50	0		17.69		
10	16QAM	1	0		17.87		18.5
10	16QAM	1	25		17.98		
10	16QAM	1	49		17.91		
10	16QAM	25	0		16.71		17.5
10	16QAM	25	12		16.71		
10	16QAM	25	25		16.70		
10	16QAM	50	0		16.70		
10	64QAM	1	0		16.74		17.5
10	64QAM	1	25		16.89		
10	64QAM	1	49		16.77		
10	64QAM	25	0		15.70		16.5
10	64QAM	25	12		15.72		
10	64QAM	25	25		15.68		
10	64QAM	50	0		15.69		
10	256QAM	1	0		13.54		14.5
10	256QAM	1	25		13.76		
10	256QAM	1	49		13.72		
10	256QAM	25	0		13.65		14.5
10	256QAM	25	12		13.59		
10	256QAM	25	25		13.42		
10	256QAM	50	0		13.48		
Channel				23205	23230	23255	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	QPSK	1	0	18.56	18.56	18.50	19.5
5	QPSK	1	12	18.52	18.48	18.53	
5	QPSK	1	24	18.43	18.39	18.39	
5	QPSK	12	0	17.53	17.55	17.50	18.5
5	QPSK	12	7	17.59	17.52	17.52	

5	QPSK	12	13	17.53	17.54	17.54	
5	QPSK	25	0	17.59	17.56	17.54	
5	16QAM	1	0	17.69	17.74	17.71	18.5
5	16QAM	1	12	17.79	17.86	17.79	
5	16QAM	1	24	17.79	17.74	17.74	
5	16QAM	12	0	16.61	16.55	16.60	17.5
5	16QAM	12	7	16.56	16.54	16.59	
5	16QAM	12	13	16.55	16.58	16.54	
5	16QAM	25	0	16.57	16.60	16.59	
5	64QAM	1	0	16.56	16.58	16.63	17.5
5	64QAM	1	12	16.69	16.70	16.70	
5	64QAM	1	24	16.62	16.66	16.65	
5	64QAM	12	0	15.51	15.56	15.56	16.5
5	64QAM	12	7	15.57	15.58	15.57	
5	64QAM	12	13	15.55	15.48	15.51	
5	64QAM	25	0	15.51	15.56	15.57	
5	256QAM	1	0	13.37	13.37	13.36	14.5
5	256QAM	1	12	13.57	13.61	13.61	
5	256QAM	1	24	13.57	13.56	13.62	
5	256QAM	12	0	13.49	13.53	13.48	14.5
5	256QAM	12	7	13.49	13.49	13.41	
5	256QAM	12	13	13.23	13.32	13.29	
5	256QAM	25	0	13.28	13.38	13.34	

<LTE Band 14_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23330			
Frequency (MHz)				793			
10	QPSK	1	0		18.24		19.5
10	QPSK	1	25		18.18		
10	QPSK	1	49		18.08		
10	QPSK	25	0		17.24		18.5
10	QPSK	25	12		17.23		
10	QPSK	25	25		17.13		
10	QPSK	50	0		17.20		
10	16QAM	1	0		17.63		18.5
10	16QAM	1	25		17.52		
10	16QAM	1	49		17.43		
10	16QAM	25	0		16.25		17.5
10	16QAM	25	12		16.24		
10	16QAM	25	25		16.16		
10	16QAM	50	0		16.22		
10	64QAM	1	0		16.51		17.5
10	64QAM	1	25		16.43		
10	64QAM	1	49		16.36		
10	64QAM	25	0		15.20		16.5
10	64QAM	25	12		15.24		
10	64QAM	25	25		15.15		
10	64QAM	50	0		15.23		
10	256QAM	1	0		13.19		14.5
10	256QAM	1	25		13.18		
10	256QAM	1	49		13.09		
10	256QAM	25	0		13.14		14.5
10	256QAM	25	12		13.08		
10	256QAM	25	25		13.07		
10	256QAM	50	0		13.09		
Channel				23305	23330	23355	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	QPSK	1	0	18.04	18.13	18.06	19.5

5	QPSK	1	12	18.07	17.98	18.08	
5	QPSK	1	24	17.98	17.98	17.96	
5	QPSK	12	0	17.02	17.04	17.08	18.5
5	QPSK	12	7	17.04	17.10	17.11	
5	QPSK	12	13	16.93	17.01	16.94	
5	QPSK	25	0	17.06	17.09	17.07	
5	16QAM	1	0	17.47	17.48	17.48	18.5
5	16QAM	1	12	17.37	17.34	17.41	
5	16QAM	1	24	17.33	17.30	17.29	
5	16QAM	12	0	16.15	16.12	16.06	17.5
5	16QAM	12	7	16.07	16.05	16.11	
5	16QAM	12	13	16.00	15.99	16.06	
5	16QAM	25	0	16.11	16.03	16.06	
5	64QAM	1	0	16.31	16.34	16.36	17.5
5	64QAM	1	12	16.23	16.25	16.25	
5	64QAM	1	24	16.18	16.24	16.23	
5	64QAM	12	0	15.09	15.08	15.05	16.5
5	64QAM	12	7	15.14	15.07	15.08	
5	64QAM	12	13	15.03	14.95	15.00	
5	64QAM	25	0	15.07	15.12	15.11	
5	256QAM	1	0	12.99	13.07	13.07	14.5
5	256QAM	1	12	13.05	13.04	13.04	
5	256QAM	1	24	12.90	12.97	12.90	
5	256QAM	12	0	12.98	12.97	12.98	14.5
5	256QAM	12	7	12.98	12.91	12.94	
5	256QAM	12	13	12.94	12.92	12.90	
5	256QAM	25	0	12.89	12.99	12.91	

<LTE Band 17_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				23780	23790	23800	
Frequency (MHz)				709	710	711	
10	QPSK	1	0	20.23	20.24	20.23	20.5
10	QPSK	1	25	20.22	20.22	20.22	
10	QPSK	1	49	20.21	20.17	20.20	
10	QPSK	25	0	19.31	19.32	19.30	19.5
10	QPSK	25	12	19.29	19.30	19.24	
10	QPSK	25	25	19.29	19.28	19.29	
10	QPSK	50	0	19.30	19.27	19.24	
10	16QAM	1	0	19.50	19.50	19.50	19.5
10	16QAM	1	25	19.50	19.50	19.50	
10	16QAM	1	49	19.50	19.50	19.50	
10	16QAM	25	0	18.21	18.21	18.22	18.5
10	16QAM	25	12	18.31	18.33	18.25	
10	16QAM	25	25	18.30	18.31	18.32	
10	16QAM	50	0	18.31	18.29	18.22	
10	64QAM	1	0	18.42	18.31	18.40	18.5
10	64QAM	1	25	18.43	18.43	18.42	
10	64QAM	1	49	18.48	18.43	18.47	
10	64QAM	25	0	17.18	17.19	17.19	17.5
10	64QAM	25	12	17.31	17.33	17.25	
10	64QAM	25	25	17.30	17.30	17.30	
10	64QAM	50	0	17.27	17.28	17.25	
10	256QAM	1	0	14.94	14.96	14.91	15.5
10	256QAM	1	25	15.13	15.09	15.05	
10	256QAM	1	49	15.17	15.17	15.14	
10	256QAM	25	0	15.16	15.16	15.14	15.5
10	256QAM	25	12	15.10	14.98	14.96	
10	256QAM	25	25	15.01	15.13	15.11	

10	256QAM	50	0	15.15	15.15	15.10	
Channel				23755	23790	23825	Tune-up limit (dBm)
Frequency (MHz)				706.5	710	713.5	
5	QPSK	1	0	20.08	19.98	20.00	20.5
5	QPSK	1	12	20.05	20.09	20.08	
5	QPSK	1	24	20.05	20.06	20.01	
5	QPSK	12	0	19.04	19.06	19.09	19.5
5	QPSK	12	7	19.19	19.16	19.07	
5	QPSK	12	13	19.12	19.14	19.15	
5	QPSK	25	0	19.17	19.16	19.08	
5	16QAM	1	0	19.39	19.36	19.41	19.5
5	16QAM	1	12	19.47	19.39	19.41	
5	16QAM	1	24	19.45	19.45	19.39	
5	16QAM	12	0	18.10	18.02	18.03	18.5
5	16QAM	12	7	18.15	18.14	18.12	
5	16QAM	12	13	18.12	18.15	18.12	
5	16QAM	25	0	18.21	18.16	18.02	
5	64QAM	1	0	18.22	18.19	18.20	18.5
5	64QAM	1	12	18.25	18.26	18.24	
5	64QAM	1	24	18.31	18.26	18.37	
5	64QAM	12	0	17.04	17.08	17.08	17.5
5	64QAM	12	7	17.16	17.21	17.06	
5	64QAM	12	13	17.20	17.20	17.16	
5	64QAM	25	0	17.12	17.10	17.11	
5	256QAM	1	0	14.80	14.77	14.73	15.5
5	256QAM	1	12	15.03	14.94	14.90	
5	256QAM	1	24	15.02	15.00	15.03	
5	256QAM	12	0	14.97	15.01	14.97	15.5
5	256QAM	12	7	14.94	14.87	14.76	
5	256QAM	12	13	14.88	15.02	14.96	
5	256QAM	25	0	15.02	14.98	15.00	

<LTE Band 25_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	16.60	16.66	16.46	17.5
20	QPSK	1	49	16.59	16.65	16.44	
20	QPSK	1	99	16.53	16.58	16.45	
20	QPSK	50	0	15.72	15.73	15.71	16.5
20	QPSK	50	24	15.71	15.70	15.68	
20	QPSK	50	50	15.68	15.70	15.70	
20	QPSK	100	0	15.69	15.70	15.69	
20	16QAM	1	0	15.97	15.94	15.92	16.5
20	16QAM	1	49	15.82	15.95	15.95	
20	16QAM	1	99	15.80	15.96	15.89	
20	16QAM	50	0	14.64	14.66	14.63	15.5
20	16QAM	50	24	14.70	14.72	14.70	
20	16QAM	50	50	14.67	14.70	14.70	
20	16QAM	100	0	14.67	14.69	14.69	
20	64QAM	1	0	14.80	14.85	14.76	15.5
20	64QAM	1	49	14.84	14.88	14.81	
20	64QAM	1	99	14.67	14.81	14.76	
20	64QAM	50	0	13.61	13.66	13.63	14.5
20	64QAM	50	24	13.69	13.73	13.71	
20	64QAM	50	50	13.70	13.69	13.70	
20	64QAM	100	0	13.67	13.70	13.69	
20	256QAM	1	0	11.60	11.73	11.56	12.5
20	256QAM	1	49	11.56	11.69	11.55	

20	256QAM	1	99	11.56	11.70	11.51	
20	256QAM	50	0	11.29	11.46	11.36	12.5
20	256QAM	50	24	11.38	11.58	11.40	
20	256QAM	50	50	11.44	11.55	11.42	
20	256QAM	100	0	11.37	11.53	11.35	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	16.39	16.46	16.50	17.5
15	QPSK	1	37	16.44	16.46	16.50	
15	QPSK	1	74	16.35	16.39	16.47	
15	QPSK	36	0	15.46	15.47	15.50	16.5
15	QPSK	36	20	15.58	15.53	15.54	
15	QPSK	36	39	15.53	15.58	15.58	
15	QPSK	75	0	15.53	15.57	15.53	
15	16QAM	1	0	15.87	15.79	15.80	16.5
15	16QAM	1	37	15.66	15.76	15.85	
15	16QAM	1	74	15.67	15.82	15.71	
15	16QAM	36	0	14.54	14.54	14.51	15.5
15	16QAM	36	20	14.59	14.60	14.52	
15	16QAM	36	39	14.55	14.58	14.57	
15	16QAM	75	0	14.48	14.58	14.52	
15	64QAM	1	0	14.60	14.66	14.63	15.5
15	64QAM	1	37	14.69	14.72	14.67	
15	64QAM	1	74	14.57	14.70	14.66	
15	64QAM	36	0	13.47	13.56	13.44	14.5
15	64QAM	36	20	13.50	13.57	13.53	
15	64QAM	36	39	13.52	13.50	13.58	
15	64QAM	75	0	13.56	13.54	13.57	
15	256QAM	1	0	11.46	11.55	11.37	12.5
15	256QAM	1	37	11.41	11.58	11.41	
15	256QAM	1	74	11.46	11.50	11.37	
15	256QAM	36	0	11.16	11.33	11.16	12.5
15	256QAM	36	20	11.20	11.39	11.22	
15	256QAM	36	39	11.30	11.39	11.29	
15	256QAM	75	0	11.19	11.33	11.20	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	16.42	16.47	16.50	17.5
10	QPSK	1	25	16.43	16.48	16.45	
10	QPSK	1	49	16.37	16.45	16.45	
10	QPSK	25	0	15.47	15.55	15.46	16.5
10	QPSK	25	12	15.53	15.53	15.51	
10	QPSK	25	25	15.53	15.59	15.52	
10	QPSK	50	0	15.53	15.60	15.53	
10	16QAM	1	0	15.79	15.76	15.74	16.5
10	16QAM	1	25	15.69	15.80	15.75	
10	16QAM	1	49	15.70	15.85	15.72	
10	16QAM	25	0	14.53	14.52	14.44	15.5
10	16QAM	25	12	14.58	14.59	14.54	
10	16QAM	25	25	14.51	14.51	14.60	
10	16QAM	50	0	14.47	14.57	14.49	
10	64QAM	1	0	14.67	14.75	14.57	15.5
10	64QAM	1	25	14.66	14.75	14.64	
10	64QAM	1	49	14.57	14.69	14.56	
10	64QAM	25	0	13.46	13.54	13.49	14.5
10	64QAM	25	12	13.55	13.58	13.51	
10	64QAM	25	25	13.56	13.58	13.57	
10	64QAM	50	0	13.54	13.60	13.59	
10	256QAM	1	0	11.44	11.56	11.37	12.5
10	256QAM	1	25	11.38	11.54	11.44	
10	256QAM	1	49	11.46	11.53	11.32	
10	256QAM	25	0	11.11	11.33	11.26	12.5
10	256QAM	25	12	11.26	11.46	11.30	

10	256QAM	25	25	11.34	11.36	11.31	
10	256QAM	50	0	11.26	11.39	11.24	
Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	16.43	16.54	16.47	17.5
5	QPSK	1	12	16.47	16.53	16.46	
5	QPSK	1	24	16.36	16.48	16.52	
5	QPSK	12	0	15.44	15.45	15.46	16.5
5	QPSK	12	7	15.56	15.50	15.55	
5	QPSK	12	13	15.58	15.60	15.52	
5	QPSK	25	0	15.56	15.51	15.58	
5	16QAM	1	0	15.79	15.77	15.73	16.5
5	16QAM	1	12	15.68	15.82	15.81	
5	16QAM	1	24	15.64	15.79	15.75	
5	16QAM	12	0	14.53	14.55	14.44	15.5
5	16QAM	12	7	14.57	14.53	14.50	
5	16QAM	12	13	14.50	14.55	14.58	
5	16QAM	25	0	14.54	14.57	14.59	
5	64QAM	1	0	14.68	14.75	14.63	15.5
5	64QAM	1	12	14.65	14.74	14.70	
5	64QAM	1	24	14.57	14.70	14.66	
5	64QAM	12	0	13.46	13.47	13.44	14.5
5	64QAM	12	7	13.49	13.58	13.54	
5	64QAM	12	13	13.55	13.55	13.50	
5	64QAM	25	0	13.55	13.56	13.54	
5	256QAM	1	0	11.41	11.60	11.39	12.5
5	256QAM	1	12	11.43	11.59	11.42	
5	256QAM	1	24	11.44	11.60	11.38	
5	256QAM	12	0	11.12	11.28	11.23	12.5
5	256QAM	12	7	11.24	11.40	11.29	
5	256QAM	12	13	11.30	11.44	11.30	
5	256QAM	25	0	11.19	11.33	11.22	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	16.41	16.46	16.47	17.5
3	QPSK	1	8	16.39	16.47	16.44	
3	QPSK	1	14	16.33	16.41	16.45	
3	QPSK	8	0	15.45	15.54	15.53	16.5
3	QPSK	8	4	15.53	15.55	15.56	
3	QPSK	8	7	15.50	15.58	15.57	
3	QPSK	15	0	15.56	15.51	15.53	
3	16QAM	1	0	15.85	15.82	15.80	16.5
3	16QAM	1	8	15.63	15.80	15.81	
3	16QAM	1	14	15.68	15.81	15.69	
3	16QAM	8	0	14.51	14.56	14.44	15.5
3	16QAM	8	4	14.56	14.52	14.53	
3	16QAM	8	7	14.57	14.59	14.54	
3	16QAM	15	0	14.48	14.53	14.56	
3	64QAM	1	0	14.70	14.73	14.64	15.5
3	64QAM	1	8	14.68	14.77	14.62	
3	64QAM	1	14	14.55	14.61	14.63	
3	64QAM	8	0	13.46	13.52	13.47	14.5
3	64QAM	8	4	13.53	13.62	13.60	
3	64QAM	8	7	13.50	13.57	13.55	
3	64QAM	15	0	13.47	13.58	13.59	
3	256QAM	1	0	11.47	11.56	11.40	12.5
3	256QAM	1	8	11.43	11.59	11.39	
3	256QAM	1	14	11.45	11.50	11.36	
3	256QAM	8	0	11.14	11.29	11.17	12.5
3	256QAM	8	4	11.26	11.42	11.27	
3	256QAM	8	7	11.34	11.43	11.31	
3	256QAM	15	0	11.19	11.38	11.25	
Channel				26047	26340	26683	Tune-up limit

Frequency (MHz)				1850.7	1880	1914.3	(dBm)
1.4	QPSK	1	0	16.36	16.49	16.47	17.5
1.4	QPSK	1	3	16.43	16.54	16.45	
1.4	QPSK	1	5	16.41	16.44	16.46	
1.4	QPSK	3	0	15.53	15.48	15.47	
1.4	QPSK	3	1	15.53	15.53	15.50	
1.4	QPSK	3	3	15.54	15.58	15.53	
1.4	QPSK	6	0	15.54	15.53	15.50	16.5
1.4	16QAM	1	0	15.77	15.76	15.82	16.5
1.4	16QAM	1	3	15.71	15.76	15.83	
1.4	16QAM	1	5	15.68	15.83	15.73	
1.4	16QAM	3	0	14.50	14.49	14.46	
1.4	16QAM	3	1	14.58	14.60	14.58	
1.4	16QAM	3	3	14.53	14.59	14.59	
1.4	16QAM	6	0	14.51	14.49	14.50	15.5
1.4	64QAM	1	0	14.63	14.67	14.57	15.5
1.4	64QAM	1	3	14.70	14.73	14.63	
1.4	64QAM	1	5	14.47	14.61	14.66	
1.4	64QAM	3	0	13.45	13.47	13.46	
1.4	64QAM	3	1	13.59	13.53	13.61	
1.4	64QAM	3	3	13.55	13.52	13.55	
1.4	64QAM	6	0	13.57	13.57	13.52	14.5
1.4	256QAM	1	0	11.46	11.54	11.38	12.5
1.4	256QAM	1	3	11.39	11.57	11.40	
1.4	256QAM	1	5	11.40	11.56	11.32	
1.4	256QAM	3	0	11.16	11.35	11.17	
1.4	256QAM	3	1	11.25	11.47	11.25	
1.4	256QAM	3	3	11.30	11.45	11.31	
1.4	256QAM	6	0	11.17	11.39	11.17	12.5

<LTE Band 25_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26140	26340	26590	
Frequency (MHz)				1860	1880	1905	
20	QPSK	1	0	19.14	19.38	19.15	20
20	QPSK	1	49	19.03	19.01	19.04	
20	QPSK	1	99	19.03	19.08	19.10	
20	QPSK	50	0	19.13	19.19	19.14	20
20	QPSK	50	24	19.07	19.02	19.10	
20	QPSK	50	50	19.10	19.13	19.12	
20	QPSK	100	0	19.10	19.15	19.13	
20	16QAM	1	0	19.22	19.19	19.24	20
20	16QAM	1	49	19.19	19.20	19.29	
20	16QAM	1	99	19.30	19.34	19.37	
20	16QAM	50	0	19.01	18.99	19.06	20
20	16QAM	50	24	19.10	19.10	19.16	
20	16QAM	50	50	19.17	19.10	19.18	
20	16QAM	100	0	19.07	19.05	19.14	
20	64QAM	1	0	19.24	19.18	19.27	20
20	64QAM	1	49	19.22	19.22	19.25	
20	64QAM	1	99	19.27	19.34	19.35	
20	64QAM	50	0	19.06	19.12	19.14	20
20	64QAM	50	24	19.05	19.14	19.14	
20	64QAM	50	50	19.10	19.12	19.13	
20	64QAM	100	0	19.17	19.16	19.22	
20	256QAM	1	0	17.25	17.23	17.28	18
20	256QAM	1	49	17.33	17.28	17.33	
20	256QAM	1	99	17.21	17.25	17.26	
20	256QAM	50	0	17.58	17.59	17.59	18

20	256QAM	50	24	17.62	17.58	17.67	
20	256QAM	50	50	17.60	17.67	17.68	
20	256QAM	100	0	17.61	17.63	17.64	
Channel				26115	26340	26615	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1907.5	
15	QPSK	1	0	18.99	18.92	18.96	20
15	QPSK	1	37	18.99	18.96	19.01	
15	QPSK	1	74	18.94	19.02	19.07	
15	QPSK	36	0	19.06	18.98	19.07	20
15	QPSK	36	20	19.13	19.05	19.15	
15	QPSK	36	39	19.15	18.99	19.17	
15	QPSK	75	0	19.01	19.07	19.09	
15	16QAM	1	0	19.12	19.15	19.20	20
15	16QAM	1	37	19.14	19.16	19.22	
15	16QAM	1	74	19.21	19.28	19.34	
15	16QAM	36	0	18.98	18.98	18.96	20
15	16QAM	36	20	19.10	19.00	19.08	
15	16QAM	36	39	19.10	19.00	19.18	
15	16QAM	75	0	19.07	18.95	19.14	
15	64QAM	1	0	19.22	19.09	19.26	20
15	64QAM	1	37	19.20	19.21	19.21	
15	64QAM	1	74	19.21	19.32	19.32	
15	64QAM	36	0	19.00	19.07	19.05	20
15	64QAM	36	20	19.05	19.12	19.04	
15	64QAM	36	39	19.08	19.12	19.11	
15	64QAM	75	0	19.13	19.11	19.18	
15	256QAM	1	0	17.20	17.23	17.23	18
15	256QAM	1	37	17.28	17.28	17.33	
15	256QAM	1	74	17.18	17.24	17.24	
15	256QAM	36	0	17.52	17.59	17.59	18
15	256QAM	36	20	17.60	17.56	17.63	
15	256QAM	36	39	17.56	17.63	17.58	
15	256QAM	75	0	17.56	17.60	17.60	
Channel				26090	26340	26640	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1910	
10	QPSK	1	0	18.97	18.94	18.97	20
10	QPSK	1	25	18.96	18.99	18.95	
10	QPSK	1	49	19.03	18.99	19.00	
10	QPSK	25	0	19.04	18.95	19.00	20
10	QPSK	25	12	19.13	19.04	19.16	
10	QPSK	25	25	19.14	19.03	19.10	
10	QPSK	50	0	19.04	19.10	19.14	
10	16QAM	1	0	19.18	19.10	19.22	20
10	16QAM	1	25	19.14	19.18	19.23	
10	16QAM	1	49	19.24	19.27	19.27	
10	16QAM	25	0	18.96	18.91	18.98	20
10	16QAM	25	12	19.04	19.05	19.07	
10	16QAM	25	25	19.16	19.08	19.11	
10	16QAM	50	0	19.00	19.04	19.04	
10	64QAM	1	0	19.18	19.14	19.19	20
10	64QAM	1	25	19.14	19.19	19.25	
10	64QAM	1	49	19.20	19.28	19.25	
10	64QAM	25	0	19.03	19.12	19.09	20
10	64QAM	25	12	19.05	19.14	19.05	
10	64QAM	25	25	19.02	19.11	19.09	
10	64QAM	50	0	19.14	19.10	19.19	
10	256QAM	1	0	17.24	17.21	17.18	18
10	256QAM	1	25	17.25	17.19	17.29	
10	256QAM	1	49	17.18	17.17	17.21	
10	256QAM	25	0	17.50	17.56	17.58	18
10	256QAM	25	12	17.54	17.57	17.58	
10	256QAM	25	25	17.54	17.57	17.61	
10	256QAM	50	0	17.58	17.62	17.54	

Channel				26065	26340	26665	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1912.5	
5	QPSK	1	0	18.95	18.90	18.95	20
5	QPSK	1	12	18.99	18.99	18.96	
5	QPSK	1	24	18.97	19.03	19.02	
5	QPSK	12	0	19.03	18.94	19.04	20
5	QPSK	12	7	19.12	19.05	19.09	
5	QPSK	12	13	19.14	18.99	19.15	
5	QPSK	25	0	19.06	19.04	19.05	
5	16QAM	1	0	19.16	19.11	19.18	20
5	16QAM	1	12	19.12	19.11	19.29	
5	16QAM	1	24	19.23	19.29	19.37	
5	16QAM	12	0	18.95	18.97	19.06	20
5	16QAM	12	7	19.04	19.09	19.11	
5	16QAM	12	13	19.08	19.08	19.09	
5	16QAM	25	0	19.00	19.03	19.04	
5	64QAM	1	0	19.21	19.16	19.18	20
5	64QAM	1	12	19.14	19.15	19.24	
5	64QAM	1	24	19.22	19.28	19.33	
5	64QAM	12	0	18.99	19.06	19.12	20
5	64QAM	12	7	19.05	19.11	19.05	
5	64QAM	12	13	19.08	19.02	19.07	
5	64QAM	25	0	19.16	19.06	19.16	
5	256QAM	1	0	17.21	17.21	17.19	18
5	256QAM	1	12	17.29	17.19	17.31	
5	256QAM	1	24	17.21	17.24	17.23	
5	256QAM	12	0	17.53	17.52	17.53	18
5	256QAM	12	7	17.53	17.55	17.64	
5	256QAM	12	13	17.57	17.57	17.60	
5	256QAM	25	0	17.51	17.57	17.55	
Channel				26055	26340	26675	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1913.5	
3	QPSK	1	0	18.99	18.88	18.96	20
3	QPSK	1	8	18.96	19.01	18.97	
3	QPSK	1	14	18.96	19.05	19.08	
3	QPSK	8	0	18.97	18.99	19.04	20
3	QPSK	8	4	19.15	19.07	19.10	
3	QPSK	8	7	19.05	19.02	19.07	
3	QPSK	15	0	19.03	19.07	19.06	
3	16QAM	1	0	19.16	19.09	19.17	20
3	16QAM	1	8	19.13	19.12	19.19	
3	16QAM	1	14	19.30	19.32	19.35	
3	16QAM	8	0	18.94	18.95	18.96	20
3	16QAM	8	4	19.10	19.09	19.16	
3	16QAM	8	7	19.10	19.07	19.12	
3	16QAM	15	0	18.99	18.96	19.13	
3	64QAM	1	0	19.14	19.15	19.24	20
3	64QAM	1	8	19.16	19.17	19.22	
3	64QAM	1	14	19.27	19.27	19.26	
3	64QAM	8	0	18.96	19.09	19.05	20
3	64QAM	8	4	18.95	19.04	19.11	
3	64QAM	8	7	19.05	19.09	19.13	
3	64QAM	15	0	19.14	19.06	19.14	
3	256QAM	1	0	17.16	17.13	17.22	18
3	256QAM	1	8	17.25	17.28	17.33	
3	256QAM	1	14	17.21	17.21	17.17	
3	256QAM	8	0	17.48	17.52	17.52	18
3	256QAM	8	4	17.59	17.53	17.62	
3	256QAM	8	7	17.50	17.63	17.60	
3	256QAM	15	0	17.58	17.54	17.57	
Channel				26047	26340	26683	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1914.3	
1.4	QPSK	1	0	19.13	19.14	19.19	20

1.4	QPSK	1	3	19.20	19.14	19.21	
1.4	QPSK	1	5	19.12	19.12	19.22	
1.4	QPSK	3	0	19.29	19.26	19.31	
1.4	QPSK	3	1	19.31	19.23	19.32	
1.4	QPSK	3	3	19.27	19.31	19.32	
1.4	QPSK	6	0	19.26	19.21	19.28	20
1.4	16QAM	1	0	19.37	19.38	19.41	20
1.4	16QAM	1	3	19.46	19.39	19.46	
1.4	16QAM	1	5	19.33	19.32	19.37	
1.4	16QAM	3	0	19.42	19.49	19.52	
1.4	16QAM	3	1	19.46	19.45	19.51	
1.4	16QAM	3	3	19.49	19.46	19.49	
1.4	16QAM	6	0	19.10	19.15	19.20	20
1.4	64QAM	1	0	19.34	19.37	19.38	20
1.4	64QAM	1	3	19.33	19.39	19.40	
1.4	64QAM	1	5	19.33	19.33	19.39	
1.4	64QAM	3	0	19.43	19.38	19.45	
1.4	64QAM	3	1	19.50	19.40	19.50	
1.4	64QAM	3	3	19.33	19.35	19.43	
1.4	64QAM	6	0	19.25	19.28	19.28	20
1.4	256QAM	1	0	17.42	17.38	17.46	18
1.4	256QAM	1	3	17.46	17.43	17.50	
1.4	256QAM	1	5	17.44	17.45	17.47	
1.4	256QAM	3	0	17.65	17.64	17.65	
1.4	256QAM	3	1	17.56	17.63	17.65	
1.4	256QAM	3	3	17.60	17.66	17.67	
1.4	256QAM	6	0	17.53	17.58	17.62	18

<LTE Band 26_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				26765	26865	26965	
Frequency (MHz)				821.5	831.5	841.5	
15	QPSK	1	0	17.64	17.65	17.63	19
15	QPSK	1	37	17.63	17.53	17.61	
15	QPSK	1	74	17.56	17.56	17.41	
15	QPSK	36	0	16.76	16.77	16.72	18
15	QPSK	36	20	16.72	16.56	16.71	
15	QPSK	36	39	16.75	16.67	16.65	
15	QPSK	75	0	16.67	16.69	16.68	
15	16QAM	1	0	16.69	16.91	16.86	18
15	16QAM	1	37	16.98	16.86	16.92	
15	16QAM	1	74	16.84	16.90	16.70	
15	16QAM	36	0	15.55	15.63	15.63	17
15	16QAM	36	20	15.69	15.56	15.73	
15	16QAM	36	39	15.72	15.67	15.65	
15	16QAM	75	0	15.67	15.59	15.68	
15	64QAM	1	0	15.47	15.74	15.69	17
15	64QAM	1	37	15.83	15.71	15.86	
15	64QAM	1	74	15.73	15.75	15.65	
15	64QAM	36	0	14.56	14.61	14.62	16
15	64QAM	36	20	14.69	14.56	14.69	
15	64QAM	36	39	14.71	14.66	14.63	
15	64QAM	75	0	14.69	14.61	14.70	
15	256QAM	1	0	12.43	12.60	12.43	14
15	256QAM	1	37	12.42	12.56	12.42	
15	256QAM	1	74	12.54	12.64	12.47	
15	256QAM	36	0	12.31	12.50	12.31	14
15	256QAM	36	20	12.29	12.39	12.20	
15	256QAM	36	39	12.35	12.50	12.32	

15	256QAM	75	0	12.28	12.41	12.23	
Channel				26740	26865	26990	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	QPSK	1	0	17.23	17.51	17.39	19
10	QPSK	1	25	17.54	17.41	17.54	
10	QPSK	1	49	17.39	17.37	17.30	
10	QPSK	25	0	16.45	16.48	16.52	18
10	QPSK	25	12	16.54	16.46	16.61	
10	QPSK	25	25	16.56	16.54	16.55	
10	QPSK	50	0	16.53	16.48	16.51	
10	16QAM	1	0	16.56	16.76	16.70	18
10	16QAM	1	25	16.86	16.72	16.72	
10	16QAM	1	49	16.72	16.80	16.54	
10	16QAM	25	0	15.37	15.52	15.53	17
10	16QAM	25	12	15.52	15.43	15.54	
10	16QAM	25	25	15.59	15.55	15.47	
10	16QAM	50	0	15.47	15.39	15.49	
10	64QAM	1	0	15.29	15.62	15.59	17
10	64QAM	1	25	15.68	15.61	15.66	
10	64QAM	1	49	15.62	15.64	15.45	
10	64QAM	25	0	14.40	14.50	14.47	16
10	64QAM	25	12	14.56	14.43	14.55	
10	64QAM	25	25	14.55	14.53	14.45	
10	64QAM	50	0	14.57	14.48	14.53	
10	256QAM	1	0	12.25	12.40	12.26	14
10	256QAM	1	25	12.32	12.41	12.23	
10	256QAM	1	49	12.40	12.51	12.33	
10	256QAM	25	0	12.13	12.32	12.18	14
10	256QAM	25	12	12.19	12.29	12.01	
10	256QAM	25	25	12.16	12.32	12.13	
10	256QAM	50	0	12.08	12.27	12.04	
Channel				26715	26865	27015	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	QPSK	1	0	17.21	17.55	17.40	19
5	QPSK	1	12	17.47	17.42	17.54	
5	QPSK	1	24	17.45	17.41	17.29	
5	QPSK	12	0	16.45	16.42	16.49	18
5	QPSK	12	7	16.55	16.44	16.57	
5	QPSK	12	13	16.63	16.55	16.52	
5	QPSK	25	0	16.50	16.49	16.57	
5	16QAM	1	0	16.51	16.71	16.74	18
5	16QAM	1	12	16.81	16.70	16.79	
5	16QAM	1	24	16.66	16.75	16.52	
5	16QAM	12	0	15.42	15.51	15.50	17
5	16QAM	12	7	15.57	15.43	15.57	
5	16QAM	12	13	15.55	15.48	15.52	
5	16QAM	25	0	15.48	15.39	15.48	
5	64QAM	1	0	15.37	15.59	15.56	17
5	64QAM	1	12	15.67	15.60	15.73	
5	64QAM	1	24	15.62	15.64	15.54	
5	64QAM	12	0	14.43	14.46	14.45	16
5	64QAM	12	7	14.51	14.40	14.59	
5	64QAM	12	13	14.59	14.55	14.53	
5	64QAM	25	0	14.54	14.49	14.56	
5	256QAM	1	0	12.23	12.42	12.23	14
5	256QAM	1	12	12.29	12.40	12.24	
5	256QAM	1	24	12.43	12.45	12.33	
5	256QAM	12	0	12.15	12.33	12.16	14
5	256QAM	12	7	12.18	12.20	12.02	
5	256QAM	12	13	12.17	12.31	12.22	
5	256QAM	25	0	12.16	12.23	12.10	
Channel				26705	26865	27025	Tune-up limit (dBm)
Frequency (MHz)				815.5	831.5	847.5	

3	QPSK	1	0	17.18	17.52	17.37	19
3	QPSK	1	8	17.48	17.37	17.45	
3	QPSK	1	14	17.37	17.40	17.26	
3	QPSK	8	0	16.35	16.47	16.51	18
3	QPSK	8	4	16.52	16.46	16.52	
3	QPSK	8	7	16.65	16.53	16.54	
3	QPSK	15	0	16.57	16.45	16.59	
3	16QAM	1	0	16.49	16.76	16.69	18
3	16QAM	1	8	16.82	16.76	16.80	
3	16QAM	1	14	16.68	16.71	16.50	
3	16QAM	8	0	15.35	15.46	15.46	17
3	16QAM	8	4	15.59	15.44	15.63	
3	16QAM	8	7	15.52	15.54	15.54	
3	16QAM	15	0	15.53	15.41	15.55	
3	64QAM	1	0	15.33	15.60	15.50	17
3	64QAM	1	8	15.68	15.55	15.73	
3	64QAM	1	14	15.54	15.61	15.46	
3	64QAM	8	0	14.40	14.48	14.50	16
3	64QAM	8	4	14.56	14.41	14.54	
3	64QAM	8	7	14.52	14.53	14.52	
3	64QAM	15	0	14.55	14.46	14.51	
3	256QAM	1	0	12.23	12.48	12.26	14
3	256QAM	1	8	12.22	12.44	12.29	
3	256QAM	1	14	12.37	12.47	12.31	
3	256QAM	8	0	12.15	12.33	12.20	14
3	256QAM	8	4	12.15	12.27	12.10	
3	256QAM	8	7	12.19	12.37	12.15	
3	256QAM	15	0	12.15	12.31	12.11	
Channel				26697	26865	27033	Tune-up limit (dBm)
Frequency (MHz)				814.7	831.5	848.3	
1.4	QPSK	1	0	17.20	17.45	17.38	19
1.4	QPSK	1	3	17.45	17.43	17.50	
1.4	QPSK	1	5	17.45	17.42	17.28	
1.4	QPSK	3	0	17.00	17.30	17.20	
1.4	QPSK	3	1	17.35	17.30	17.34	
1.4	QPSK	3	3	17.32	17.31	17.13	
1.4	QPSK	6	0	16.48	16.42	16.57	18
1.4	16QAM	1	0	16.49	16.73	16.76	18
1.4	16QAM	1	3	16.78	16.73	16.74	
1.4	16QAM	1	5	16.71	16.77	16.52	
1.4	16QAM	3	0	16.37	16.41	16.48	
1.4	16QAM	3	1	16.59	16.36	16.52	
1.4	16QAM	3	3	16.61	16.48	16.48	
1.4	16QAM	6	0	15.53	15.46	15.54	17
1.4	64QAM	1	0	15.37	15.59	15.53	17
1.4	64QAM	1	3	15.67	15.53	15.76	
1.4	64QAM	1	5	15.55	15.57	15.53	
1.4	64QAM	3	0	15.37	15.51	15.47	
1.4	64QAM	3	1	15.51	15.44	15.61	
1.4	64QAM	3	3	15.54	15.53	15.47	
1.4	64QAM	6	0	14.55	14.45	14.55	16
1.4	256QAM	1	0	12.30	12.40	12.25	14
1.4	256QAM	1	3	12.30	12.39	12.27	
1.4	256QAM	1	5	12.43	12.54	12.30	
1.4	256QAM	3	0	12.21	12.39	12.21	
1.4	256QAM	3	1	12.15	12.21	12.01	
1.4	256QAM	3	3	12.23	12.30	12.12	
1.4	256QAM	6	0	12.12	12.31	12.03	14

<LTE Band 30_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		17.16		18.5
10	QPSK	1	25		17.15		
10	QPSK	1	49		17.06		
10	QPSK	25	0		16.12		17.5
10	QPSK	25	12		16.11		
10	QPSK	25	25		16.07		
10	QPSK	50	0		16.10		
10	16QAM	1	0		16.45		17.5
10	16QAM	1	25		16.46		
10	16QAM	1	49		16.41		
10	16QAM	25	0		15.12		16.5
10	16QAM	25	12		15.14		
10	16QAM	25	25		15.12		
10	16QAM	50	0		15.10		
10	64QAM	1	0		15.35		16.5
10	64QAM	1	25		15.29		
10	64QAM	1	49		15.27		
10	64QAM	25	0		14.09		15.5
10	64QAM	25	12		14.12		
10	64QAM	25	25		14.11		
10	64QAM	50	0		14.12		
10	256QAM	1	0		12.15		13.5
10	256QAM	1	25		12.14		
10	256QAM	1	49		12.07		
10	256QAM	25	0		11.94		13.5
10	256QAM	25	12		12.02		
10	256QAM	25	25		11.98		
10	256QAM	50	0		11.98		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	16.99	17.00	16.99	18.5
5	QPSK	1	12	16.95	16.99	16.95	
5	QPSK	1	24	16.89	16.96	16.94	
5	QPSK	12	0	15.92	15.98	15.88	17.5
5	QPSK	12	7	16.01	15.94	15.93	
5	QPSK	12	13	15.91	15.87	15.89	
5	QPSK	25	0	16.00	15.97	15.91	
5	16QAM	1	0	16.32	16.32	16.25	17.5
5	16QAM	1	12	16.28	16.32	16.28	
5	16QAM	1	24	16.28	16.22	16.27	
5	16QAM	12	0	14.92	14.92	15.01	16.5
5	16QAM	12	7	15.00	15.01	14.97	
5	16QAM	12	13	15.00	14.94	14.92	
5	16QAM	25	0	14.91	14.96	14.95	
5	64QAM	1	0	15.25	15.25	15.18	16.5
5	64QAM	1	12	15.11	15.11	15.13	
5	64QAM	1	24	15.10	15.16	15.10	
5	64QAM	12	0	13.99	13.93	13.97	15.5
5	64QAM	12	7	14.02	13.99	13.98	
5	64QAM	12	13	13.97	13.93	13.98	
5	64QAM	25	0	13.98	14.01	14.02	
5	256QAM	1	0	11.97	12.03	12.00	13.5
5	256QAM	1	12	12.03	11.99	11.96	
5	256QAM	1	24	11.90	11.89	11.95	
5	256QAM	12	0	11.84	11.82	11.76	13.5
5	256QAM	12	7	11.87	11.85	11.83	

5	256QAM	12	13	11.82	11.81	11.86	
5	256QAM	25	0	11.81	11.86	11.87	

<LTE Band 30_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					27710		
Frequency (MHz)					2310		
10	QPSK	1	0		18.15		19
10	QPSK	1	25		17.90		
10	QPSK	1	49		17.80		
10	QPSK	25	0		18.09		19
10	QPSK	25	12		17.85		
10	QPSK	25	25		17.76		
10	QPSK	50	0		18.06		
10	16QAM	1	0		18.01		19
10	16QAM	1	25		18.13		
10	16QAM	1	49		18.05		
10	16QAM	25	0		17.80		19
10	16QAM	25	12		17.84		
10	16QAM	25	25		17.80		
10	16QAM	50	0		17.77		
10	64QAM	1	0		17.96		19
10	64QAM	1	25		17.97		
10	64QAM	1	49		17.90		
10	64QAM	25	0		17.81		19
10	64QAM	25	12		17.87		
10	64QAM	25	25		17.76		
10	64QAM	50	0		17.80		
10	256QAM	1	0		16.43		18
10	256QAM	1	25		16.66		
10	256QAM	1	49		16.42		
10	256QAM	25	0		16.77		18
10	256QAM	25	12		16.81		
10	256QAM	25	25		16.73		
10	256QAM	50	0		16.82		
Channel				27685	27710	27735	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	QPSK	1	0	17.76	17.82	17.78	19
5	QPSK	1	12	17.81	17.90	17.82	
5	QPSK	1	24	17.72	17.70	17.70	
5	QPSK	12	0	17.70	17.76	17.77	19
5	QPSK	12	7	17.81	17.82	17.79	
5	QPSK	12	13	17.68	17.72	17.70	
5	QPSK	25	0	17.75	17.76	17.66	
5	16QAM	1	0	17.99	17.95	17.97	19
5	16QAM	1	12	18.11	18.09	18.06	
5	16QAM	1	24	17.99	18.00	17.96	
5	16QAM	12	0	17.71	17.77	17.72	19
5	16QAM	12	7	17.75	17.81	17.76	
5	16QAM	12	13	17.70	17.80	17.77	
5	16QAM	25	0	17.71	17.77	17.75	
5	64QAM	1	0	17.86	17.94	17.95	19
5	64QAM	1	12	17.89	17.96	17.88	
5	64QAM	1	24	17.86	17.82	17.80	
5	64QAM	12	0	17.73	17.78	17.78	19
5	64QAM	12	7	17.87	17.87	17.81	
5	64QAM	12	13	17.75	17.70	17.75	
5	64QAM	25	0	17.71	17.74	17.72	
5	256QAM	1	0	16.35	16.42	16.34	18

5	256QAM	1	12	16.62	16.62	16.59	
5	256QAM	1	24	16.38	16.39	16.35	
5	256QAM	12	0	16.67	16.67	16.72	18
5	256QAM	12	7	16.78	16.80	16.73	
5	256QAM	12	13	16.67	16.66	16.64	
5	256QAM	25	0	16.79	16.74	16.73	

<LTE Band 66_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.25	18.35	18.21	19
20	QPSK	1	49	18.17	18.19	18.19	
20	QPSK	1	99	18.24	18.14	18.04	
20	QPSK	50	0	17.31	17.32	17.23	18
20	QPSK	50	24	17.30	17.22	17.20	
20	QPSK	50	50	17.29	17.24	17.22	
20	QPSK	100	0	17.30	17.31	17.21	
20	16QAM	1	0	17.61	17.61	17.57	18
20	16QAM	1	49	17.48	17.56	17.44	
20	16QAM	1	99	17.45	17.43	17.31	
20	16QAM	50	0	16.26	16.23	16.21	17
20	16QAM	50	24	16.32	16.23	16.20	
20	16QAM	50	50	16.30	16.24	16.22	
20	16QAM	100	0	16.31	16.21	16.18	
20	64QAM	1	0	16.43	16.38	16.46	17
20	64QAM	1	49	16.44	16.43	16.34	
20	64QAM	1	99	16.38	16.48	16.22	
20	64QAM	50	0	15.23	15.22	15.24	16
20	64QAM	50	24	15.31	15.21	15.18	
20	64QAM	50	50	15.29	15.23	15.22	
20	64QAM	100	0	15.31	15.18	15.20	
20	256QAM	1	0	13.02	13.19	13.01	14
20	256QAM	1	49	13.16	13.26	13.15	
20	256QAM	1	99	13.21	13.33	13.15	
20	256QAM	50	0	12.86	13.05	12.85	14
20	256QAM	50	24	12.92	13.06	12.87	
20	256QAM	50	50	12.96	13.07	12.92	
20	256QAM	100	0	12.93	13.04	12.93	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.13	18.25	18.04	19
15	QPSK	1	37	18.04	17.99	18.00	
15	QPSK	1	74	18.07	17.97	17.93	
15	QPSK	36	0	17.06	17.04	17.08	18
15	QPSK	36	20	17.19	17.11	17.04	
15	QPSK	36	39	17.09	17.11	17.02	
15	QPSK	75	0	17.12	17.05	17.08	
15	16QAM	1	0	17.48	17.42	17.40	18
15	16QAM	1	37	17.34	17.44	17.30	
15	16QAM	1	74	17.33	17.27	17.19	
15	16QAM	36	0	16.09	16.10	16.04	17
15	16QAM	36	20	16.15	16.10	16.10	
15	16QAM	36	39	16.12	16.13	16.11	
15	16QAM	75	0	16.11	16.05	16.03	
15	64QAM	1	0	16.24	16.18	16.26	17
15	64QAM	1	37	16.29	16.25	16.20	
15	64QAM	1	74	16.26	16.29	16.08	
15	64QAM	36	0	15.05	15.07	15.07	16

15	64QAM	36	20	15.18	15.03	15.04	
15	64QAM	36	39	15.14	15.11	15.07	
15	64QAM	75	0	15.20	15.07	15.05	
15	256QAM	1	0	12.89	13.08	12.85	14
15	256QAM	1	37	12.97	13.15	12.97	
15	256QAM	1	74	13.02	13.19	12.96	
15	256QAM	36	0	12.68	12.93	12.73	14
15	256QAM	36	20	12.75	12.93	12.71	
15	256QAM	36	39	12.76	12.97	12.75	
15	256QAM	75	0	12.81	12.87	12.75	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.11	18.15	18.01	19
10	QPSK	1	25	18.07	18.00	18.06	
10	QPSK	1	49	18.06	18.01	17.91	
10	QPSK	25	0	17.04	17.04	17.05	18
10	QPSK	25	12	17.21	17.05	17.08	
10	QPSK	25	25	17.10	17.10	17.02	
10	QPSK	50	0	17.13	17.08	17.11	
10	16QAM	1	0	17.44	17.49	17.45	18
10	16QAM	1	25	17.30	17.39	17.25	
10	16QAM	1	49	17.33	17.23	17.16	
10	16QAM	25	0	16.14	16.04	16.03	17
10	16QAM	25	12	16.14	16.10	16.08	
10	16QAM	25	25	16.17	16.12	16.08	
10	16QAM	50	0	16.15	16.08	16.01	
10	64QAM	1	0	16.24	16.23	16.27	17
10	64QAM	1	25	16.24	16.29	16.19	
10	64QAM	1	49	16.19	16.35	16.04	
10	64QAM	25	0	15.12	15.05	15.09	16
10	64QAM	25	12	15.15	15.10	15.05	
10	64QAM	25	25	15.13	15.05	15.11	
10	64QAM	50	0	15.16	15.06	15.03	
10	256QAM	1	0	12.89	13.08	12.88	14
10	256QAM	1	25	13.05	13.10	13.04	
10	256QAM	1	49	13.02	13.16	13.04	
10	256QAM	25	0	12.70	12.93	12.71	14
10	256QAM	25	12	12.72	12.95	12.71	
10	256QAM	25	25	12.85	12.97	12.82	
10	256QAM	50	0	12.73	12.86	12.76	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.13	18.18	18.01	19
5	QPSK	1	12	18.01	18.02	18.09	
5	QPSK	1	24	18.05	17.95	17.91	
5	QPSK	12	0	17.13	17.11	17.07	18
5	QPSK	12	7	17.14	17.04	17.07	
5	QPSK	12	13	17.09	17.06	17.05	
5	QPSK	25	0	17.15	17.08	17.04	
5	16QAM	1	0	17.49	17.45	17.46	18
5	16QAM	1	12	17.38	17.43	17.27	
5	16QAM	1	24	17.31	17.28	17.14	
5	16QAM	12	0	16.07	16.09	16.02	17
5	16QAM	12	7	16.13	16.08	16.05	
5	16QAM	12	13	16.11	16.10	16.09	
5	16QAM	25	0	16.12	16.11	16.03	
5	64QAM	1	0	16.25	16.25	16.33	17
5	64QAM	1	12	16.28	16.26	16.21	
5	64QAM	1	24	16.28	16.36	16.12	
5	64QAM	12	0	15.03	15.08	15.12	16
5	64QAM	12	7	15.16	15.01	15.00	
5	64QAM	12	13	15.15	15.06	15.11	
5	64QAM	25	0	15.11	15.01	15.09	

5	256QAM	1	0	12.91	13.09	12.83	14
5	256QAM	1	12	12.99	13.15	12.99	
5	256QAM	1	24	13.03	13.22	13.02	
5	256QAM	12	0	12.73	12.85	12.74	14
5	256QAM	12	7	12.72	12.91	12.77	
5	256QAM	12	13	12.85	12.93	12.72	
5	256QAM	25	0	12.78	12.84	12.75	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.05	18.20	18.11	19
3	QPSK	1	8	18.03	18.02	18.04	
3	QPSK	1	14	18.09	17.99	17.93	
3	QPSK	8	0	17.12	17.06	17.02	18
3	QPSK	8	4	17.16	17.09	17.00	
3	QPSK	8	7	17.11	17.04	17.03	
3	QPSK	15	0	17.13	17.06	17.10	
3	16QAM	1	0	17.48	17.48	17.45	18
3	16QAM	1	8	17.29	17.37	17.28	
3	16QAM	1	14	17.35	17.24	17.19	
3	16QAM	8	0	16.15	16.13	16.11	17
3	16QAM	8	4	16.17	16.07	16.07	
3	16QAM	8	7	16.14	16.11	16.06	
3	16QAM	15	0	16.13	16.04	15.99	
3	64QAM	1	0	16.26	16.25	16.35	17
3	64QAM	1	8	16.28	16.33	16.24	
3	64QAM	1	14	16.22	16.37	16.12	
3	64QAM	8	0	15.13	15.12	15.12	16
3	64QAM	8	4	15.17	15.07	15.06	
3	64QAM	8	7	15.10	15.13	15.09	
3	64QAM	15	0	15.12	15.08	15.10	
3	256QAM	1	0	12.87	13.08	12.83	14
3	256QAM	1	8	13.02	13.13	12.95	
3	256QAM	1	14	13.10	13.23	12.97	
3	256QAM	8	0	12.75	12.92	12.75	14
3	256QAM	8	4	12.82	12.91	12.71	
3	256QAM	8	7	12.77	12.95	12.81	
3	256QAM	15	0	12.77	12.88	12.80	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.14	18.16	18.09	19
1.4	QPSK	1	3	18.07	18.04	18.08	
1.4	QPSK	1	5	18.07	17.98	17.91	
1.4	QPSK	3	0	18.02	17.98	17.92	
1.4	QPSK	3	1	17.97	17.86	17.95	
1.4	QPSK	3	3	17.94	17.81	17.81	
1.4	QPSK	6	0	17.12	17.01	17.02	18
1.4	16QAM	1	0	17.43	17.51	17.40	18
1.4	16QAM	1	3	17.32	17.37	17.31	
1.4	16QAM	1	5	17.28	17.32	17.16	
1.4	16QAM	3	0	17.14	17.07	17.10	
1.4	16QAM	3	1	17.13	17.11	17.03	
1.4	16QAM	3	3	17.14	17.05	17.11	
1.4	16QAM	6	0	16.11	16.06	16.02	17
1.4	64QAM	1	0	16.23	16.21	16.30	17
1.4	64QAM	1	3	16.28	16.33	16.19	
1.4	64QAM	1	5	16.27	16.32	16.06	
1.4	64QAM	3	0	16.07	16.03	16.03	
1.4	64QAM	3	1	16.18	16.11	16.02	
1.4	64QAM	3	3	16.14	16.11	16.05	
1.4	64QAM	6	0	15.12	15.00	15.09	16
1.4	256QAM	1	0	12.90	13.05	12.89	14
1.4	256QAM	1	3	13.00	13.12	12.95	
1.4	256QAM	1	5	13.07	13.13	12.95	

1.4	256QAM	3	0	12.72	12.89	12.68	
1.4	256QAM	3	1	12.79	12.92	12.76	
1.4	256QAM	3	3	12.86	12.92	12.75	
1.4	256QAM	6	0	12.82	12.93	12.80	14

<LTE Band 66_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.14	19.39	19.13	19.5
20	QPSK	1	49	19.06	18.97	19.00	
20	QPSK	1	99	19.06	19.02	18.97	
20	QPSK	50	0	19.13	19.17	19.12	19.5
20	QPSK	50	24	19.11	19.06	19.08	
20	QPSK	50	50	19.07	18.99	19.06	
20	QPSK	100	0	19.10	19.16	19.11	
20	16QAM	1	0	19.37	19.31	19.36	19.5
20	16QAM	1	49	19.36	19.28	19.35	
20	16QAM	1	99	19.38	19.38	19.28	
20	16QAM	50	0	19.13	19.09	19.03	19.5
20	16QAM	50	24	19.20	19.11	19.14	
20	16QAM	50	50	19.09	19.09	19.06	
20	16QAM	100	0	19.13	19.12	19.05	
20	64QAM	1	0	19.26	19.25	19.17	19.5
20	64QAM	1	49	19.23	19.18	19.14	
20	64QAM	1	99	19.32	19.28	19.25	
20	64QAM	50	0	19.14	19.05	19.11	19.5
20	64QAM	50	24	19.19	19.14	19.13	
20	64QAM	50	50	19.04	18.97	18.95	
20	64QAM	100	0	19.23	19.21	19.13	
20	256QAM	1	0	17.30	17.22	17.24	18.5
20	256QAM	1	49	17.36	17.26	17.35	
20	256QAM	1	99	17.28	17.21	17.27	
20	256QAM	50	0	17.63	17.58	17.56	18.5
20	256QAM	50	24	17.71	17.65	17.67	
20	256QAM	50	50	17.62	17.57	17.55	
20	256QAM	100	0	17.67	17.59	17.67	
Channel				132047	132322	132597	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.93	19.00	18.90	19.5
15	QPSK	1	37	19.06	18.97	18.94	
15	QPSK	1	74	18.97	19.01	18.96	
15	QPSK	36	0	19.04	19.01	19.04	19.5
15	QPSK	36	20	19.10	19.11	19.10	
15	QPSK	36	39	18.99	18.93	18.96	
15	QPSK	75	0	19.15	19.03	19.09	
15	16QAM	1	0	19.28	19.31	19.30	19.5
15	16QAM	1	37	19.26	19.21	19.30	
15	16QAM	1	74	19.29	19.31	19.25	
15	16QAM	36	0	19.06	19.03	18.95	19.5
15	16QAM	36	20	19.12	19.06	19.05	
15	16QAM	36	39	19.02	19.00	18.97	
15	16QAM	75	0	19.11	19.04	19.01	
15	64QAM	1	0	19.25	19.19	19.17	19.5
15	64QAM	1	37	19.14	19.16	19.10	
15	64QAM	1	74	19.32	19.28	19.23	
15	64QAM	36	0	19.10	19.01	19.02	19.5
15	64QAM	36	20	19.14	19.13	19.04	
15	64QAM	36	39	18.98	18.87	18.85	

15	64QAM	75	0	19.14	19.21	19.10	
15	256QAM	1	0	17.21	17.16	17.20	18.5
15	256QAM	1	37	17.33	17.24	17.30	
15	256QAM	1	74	17.21	17.17	17.22	
15	256QAM	36	0	17.62	17.48	17.52	18.5
15	256QAM	36	20	17.70	17.56	17.61	
15	256QAM	36	39	17.53	17.56	17.51	
15	256QAM	75	0	17.67	17.59	17.59	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.96	19.03	18.88	19.5
10	QPSK	1	25	19.06	18.92	18.93	
10	QPSK	1	49	19.01	19.02	18.94	
10	QPSK	25	0	19.08	18.98	19.09	19.5
10	QPSK	25	12	19.10	19.16	19.11	
10	QPSK	25	25	18.99	18.98	18.96	
10	QPSK	50	0	19.14	19.03	19.04	
10	16QAM	1	0	19.32	19.23	19.33	19.5
10	16QAM	1	25	19.35	19.27	19.28	
10	16QAM	1	49	19.37	19.33	19.25	
10	16QAM	25	0	19.04	19.07	18.96	19.5
10	16QAM	25	12	19.11	19.11	19.05	
10	16QAM	25	25	19.07	18.99	19.04	
10	16QAM	50	0	19.12	19.02	19.03	
10	64QAM	1	0	19.16	19.22	19.09	19.5
10	64QAM	1	25	19.22	19.12	19.13	
10	64QAM	1	49	19.29	19.19	19.16	
10	64QAM	25	0	19.12	19.00	19.09	19.5
10	64QAM	25	12	19.13	19.09	19.04	
10	64QAM	25	25	18.94	18.92	18.90	
10	64QAM	50	0	19.15	19.16	19.04	
10	256QAM	1	0	17.27	17.14	17.23	18.5
10	256QAM	1	25	17.31	17.24	17.30	
10	256QAM	1	49	17.21	17.12	17.26	
10	256QAM	25	0	17.63	17.56	17.47	18.5
10	256QAM	25	12	17.65	17.59	17.59	
10	256QAM	25	25	17.52	17.47	17.48	
10	256QAM	50	0	17.60	17.55	17.62	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.97	19.03	18.89	19.5
5	QPSK	1	12	19.00	18.92	18.92	
5	QPSK	1	24	19.05	18.92	18.91	
5	QPSK	12	0	19.11	18.99	19.04	19.5
5	QPSK	12	7	19.11	19.17	19.04	
5	QPSK	12	13	19.00	18.92	19.06	
5	QPSK	25	0	19.17	19.04	19.10	
5	16QAM	1	0	19.29	19.23	19.34	19.5
5	16QAM	1	12	19.26	19.22	19.34	
5	16QAM	1	24	19.28	19.34	19.21	
5	16QAM	12	0	19.04	19.08	18.96	19.5
5	16QAM	12	7	19.20	19.11	19.09	
5	16QAM	12	13	19.08	19.05	19.00	
5	16QAM	25	0	19.09	19.07	19.02	
5	64QAM	1	0	19.26	19.21	19.09	19.5
5	64QAM	1	12	19.17	19.13	19.13	
5	64QAM	1	24	19.26	19.25	19.23	
5	64QAM	12	0	19.10	18.95	19.11	19.5
5	64QAM	12	7	19.09	19.06	19.08	
5	64QAM	12	13	18.96	18.92	18.92	
5	64QAM	25	0	19.20	19.19	19.04	
5	256QAM	1	0	17.27	17.21	17.16	18.5
5	256QAM	1	12	17.30	17.25	17.35	

5	256QAM	1	24	17.26	17.11	17.26	
5	256QAM	12	0	17.54	17.54	17.54	18.5
5	256QAM	12	7	17.70	17.60	17.57	
5	256QAM	12	13	17.62	17.51	17.52	
5	256QAM	25	0	17.62	17.54	17.65	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.94	18.79	18.80	19.5
3	QPSK	1	8	18.87	18.87	18.85	
3	QPSK	1	14	18.93	18.90	18.83	
3	QPSK	8	0	18.99	18.88	18.98	19.5
3	QPSK	8	4	19.02	18.97	18.96	
3	QPSK	8	7	18.94	18.89	18.91	
3	QPSK	15	0	18.98	18.96	18.92	
3	16QAM	1	0	19.28	19.15	19.25	19.5
3	16QAM	1	8	19.17	19.12	19.24	
3	16QAM	1	14	19.25	19.20	19.18	
3	16QAM	8	0	19.04	18.91	18.92	19.5
3	16QAM	8	4	19.11	18.92	18.96	
3	16QAM	8	7	18.90	18.99	18.87	
3	16QAM	15	0	18.97	19.00	18.95	
3	64QAM	1	0	19.15	19.10	18.99	19.5
3	64QAM	1	8	19.12	19.02	19.00	
3	64QAM	1	14	19.15	19.17	19.12	
3	64QAM	8	0	19.00	18.90	18.92	19.5
3	64QAM	8	4	19.04	18.95	19.01	
3	64QAM	8	7	18.91	18.79	18.80	
3	64QAM	15	0	19.06	19.03	19.02	
3	256QAM	1	0	17.12	17.07	17.07	18.5
3	256QAM	1	8	17.25	17.09	17.20	
3	256QAM	1	14	17.12	17.09	17.10	
3	256QAM	8	0	17.51	17.41	17.47	18.5
3	256QAM	8	4	17.60	17.50	17.58	
3	256QAM	8	7	17.50	17.41	17.43	
3	256QAM	15	0	17.55	17.50	17.50	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.06	19.05	19.02	19.5
1.4	QPSK	1	3	19.11	19.01	19.09	
1.4	QPSK	1	5	19.04	18.95	19.03	
1.4	QPSK	3	0	19.16	19.07	19.13	
1.4	QPSK	3	1	19.20	19.19	19.20	
1.4	QPSK	3	3	19.22	19.20	19.20	
1.4	QPSK	6	0	19.16	19.15	19.13	19.5
1.4	16QAM	1	0	19.33	19.30	19.33	19.5
1.4	16QAM	1	3	19.36	19.30	19.35	
1.4	16QAM	1	5	19.29	19.26	19.23	
1.4	16QAM	3	0	19.36	19.33	19.35	
1.4	16QAM	3	1	19.37	19.32	19.32	
1.4	16QAM	3	3	19.35	19.29	19.33	
1.4	16QAM	6	0	19.08	19.08	19.06	19.5
1.4	64QAM	1	0	19.21	19.18	19.14	19.5
1.4	64QAM	1	3	19.25	19.21	19.15	
1.4	64QAM	1	5	19.21	19.18	19.19	
1.4	64QAM	3	0	19.34	19.25	19.28	
1.4	64QAM	3	1	19.36	19.27	19.34	
1.4	64QAM	3	3	19.35	19.28	19.34	
1.4	64QAM	6	0	19.17	19.07	19.16	19.5
1.4	256QAM	1	0	17.34	17.32	17.33	18.5
1.4	256QAM	1	3	17.38	17.34	17.28	
1.4	256QAM	1	5	17.31	17.23	17.30	
1.4	256QAM	3	0	17.51	17.47	17.49	
1.4	256QAM	3	1	17.53	17.47	17.46	

1.4	256QAM	3	3	17.51	17.46	17.41	
1.4	256QAM	6	0	17.44	17.38	17.41	18.5

<LTE Band 71_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	20.38	20.39	20.31	21
20	QPSK	1	49	20.37	20.33	20.28	
20	QPSK	1	99	20.22	20.28	20.15	
20	QPSK	50	0	19.46	19.47	19.39	20
20	QPSK	50	24	19.45	19.33	19.38	
20	QPSK	50	50	19.43	19.33	19.29	
20	QPSK	100	0	19.44	19.46	19.38	
20	16QAM	1	0	19.62	19.58	19.65	20
20	16QAM	1	49	19.66	19.65	19.66	
20	16QAM	1	99	19.51	19.59	19.50	
20	16QAM	50	0	18.36	18.40	18.31	19
20	16QAM	50	24	18.46	18.35	18.40	
20	16QAM	50	50	18.42	18.33	18.32	
20	16QAM	100	0	18.44	18.34	18.38	
20	64QAM	1	0	18.47	18.38	18.49	19
20	64QAM	1	49	18.57	18.54	18.51	
20	64QAM	1	99	18.39	18.49	18.37	
20	64QAM	50	0	17.38	17.39	17.34	18
20	64QAM	50	24	17.45	17.38	17.42	
20	64QAM	50	50	17.45	17.37	17.38	
20	64QAM	100	0	17.46	17.35	17.38	
20	256QAM	1	0	15.08	15.21	15.01	16
20	256QAM	1	49	15.24	15.38	15.26	
20	256QAM	1	99	15.22	15.34	15.17	
20	256QAM	50	0	15.17	15.27	15.16	16
20	256QAM	50	24	15.08	15.22	15.12	
20	256QAM	50	50	15.14	15.24	15.07	
20	256QAM	100	0	15.04	15.19	15.06	
Channel				133197	133297	133397	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	20.16	20.18	20.21	21
15	QPSK	1	37	20.21	20.15	20.18	
15	QPSK	1	74	20.05	20.08	20.02	
15	QPSK	36	0	19.23	19.21	19.16	20
15	QPSK	36	20	19.27	19.18	19.27	
15	QPSK	36	39	19.27	19.19	19.19	
15	QPSK	75	0	19.29	19.23	19.27	
15	16QAM	1	0	19.46	19.42	19.48	20
15	16QAM	1	37	19.56	19.51	19.50	
15	16QAM	1	74	19.33	19.39	19.35	
15	16QAM	36	0	18.21	18.21	18.15	19
15	16QAM	36	20	18.33	18.24	18.30	
15	16QAM	36	39	18.22	18.23	18.19	
15	16QAM	75	0	18.29	18.20	18.19	
15	64QAM	1	0	18.35	18.27	18.34	19
15	64QAM	1	37	18.37	18.39	18.35	
15	64QAM	1	74	18.23	18.38	18.21	
15	64QAM	36	0	17.25	17.25	17.21	18
15	64QAM	36	20	17.32	17.19	17.30	
15	64QAM	36	39	17.26	17.25	17.20	
15	64QAM	75	0	17.33	17.15	17.20	
15	256QAM	1	0	14.91	15.09	14.85	16

15	256QAM	1	37	15.11	15.20	15.08	
15	256QAM	1	74	15.08	15.16	15.04	
15	256QAM	36	0	14.98	15.15	15.05	16
15	256QAM	36	20	14.97	15.10	15.00	
15	256QAM	36	39	14.96	15.07	14.92	
15	256QAM	75	0	14.90	15.06	14.88	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	20.22	20.19	20.13	21
10	QPSK	1	25	20.20	20.17	20.14	
10	QPSK	1	49	20.12	20.18	19.99	
10	QPSK	25	0	19.26	19.20	19.20	20
10	QPSK	25	12	19.32	19.23	19.22	
10	QPSK	25	25	19.30	19.19	19.16	
10	QPSK	50	0	19.32	19.21	19.22	
10	16QAM	1	0	19.49	19.44	19.54	20
10	16QAM	1	25	19.50	19.47	19.51	
10	16QAM	1	49	19.41	19.39	19.38	
10	16QAM	25	0	18.18	18.30	18.12	19
10	16QAM	25	12	18.33	18.23	18.20	
10	16QAM	25	25	18.22	18.22	18.17	
10	16QAM	50	0	18.29	18.16	18.19	
10	64QAM	1	0	18.29	18.25	18.39	19
10	64QAM	1	25	18.45	18.42	18.40	
10	64QAM	1	49	18.29	18.39	18.20	
10	64QAM	25	0	17.26	17.21	17.15	18
10	64QAM	25	12	17.28	17.18	17.28	
10	64QAM	25	25	17.33	17.22	17.24	
10	64QAM	50	0	17.30	17.18	17.20	
10	256QAM	1	0	14.91	15.11	14.86	16
10	256QAM	1	25	15.05	15.28	15.07	
10	256QAM	1	49	15.02	15.16	15.04	
10	256QAM	25	0	15.00	15.17	15.02	16
10	256QAM	25	12	14.95	15.03	15.02	
10	256QAM	25	25	14.96	15.13	14.96	
10	256QAM	50	0	14.93	15.08	14.91	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	20.16	20.27	20.13	21
5	QPSK	1	12	20.19	20.20	20.10	
5	QPSK	1	24	20.09	20.17	20.03	
5	QPSK	12	0	19.24	19.26	19.21	20
5	QPSK	12	7	19.34	19.19	19.18	
5	QPSK	12	13	19.27	19.14	19.12	
5	QPSK	25	0	19.31	19.18	19.25	
5	16QAM	1	0	19.47	19.42	19.55	20
5	16QAM	1	12	19.51	19.52	19.56	
5	16QAM	1	24	19.32	19.39	19.31	
5	16QAM	12	0	18.24	18.23	18.11	19
5	16QAM	12	7	18.33	18.21	18.25	
5	16QAM	12	13	18.26	18.22	18.15	
5	16QAM	25	0	18.26	18.18	18.23	
5	64QAM	1	0	18.33	18.22	18.29	19
5	64QAM	1	12	18.39	18.39	18.41	
5	64QAM	1	24	18.19	18.33	18.27	
5	64QAM	12	0	17.18	17.25	17.16	18
5	64QAM	12	7	17.33	17.23	17.28	
5	64QAM	12	13	17.32	17.19	17.20	
5	64QAM	25	0	17.32	17.21	17.24	
5	256QAM	1	0	14.91	15.02	14.83	16
5	256QAM	1	12	15.09	15.23	15.06	
5	256QAM	1	24	15.12	15.24	15.04	
5	256QAM	12	0	14.97	15.12	14.99	16

5	256QAM	12	7	14.90	15.08	14.96	
5	256QAM	12	13	14.97	15.07	14.87	
5	256QAM	12	25	0	14.86	15.04	14.88	

<LTE Band 38_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	17.10	17.17	17.13	17.5
20	QPSK	1	49	17.09	17.12	17.12	
20	QPSK	1	99	17.07	17.10	17.06	
20	QPSK	50	0	16.22	16.25	16.19	16.5
20	QPSK	50	24	16.21	16.23	16.15	
20	QPSK	50	50	16.21	16.24	16.18	
20	QPSK	100	0	16.19	16.22	16.13	
20	16QAM	1	0	15.99	16.11	16.09	16.5
20	16QAM	1	49	16.24	16.20	16.27	
20	16QAM	1	99	16.12	16.06	16.04	
20	16QAM	50	0	15.08	15.13	15.10	15.5
20	16QAM	50	24	15.19	15.22	15.12	
20	16QAM	50	50	15.21	15.21	15.17	
20	16QAM	100	0	15.17	15.21	15.12	
20	64QAM	1	0	14.97	15.05	15.07	15.5
20	64QAM	1	49	15.11	15.14	15.05	
20	64QAM	1	99	15.04	15.04	14.96	
20	64QAM	50	0	14.12	14.12	14.11	14.5
20	64QAM	50	24	14.20	14.20	14.11	
20	64QAM	50	50	14.21	14.24	14.16	
20	64QAM	100	0	14.17	14.19	14.07	
20	256QAM	1	0	11.95	11.93	11.87	12.5
20	256QAM	1	49	12.03	11.95	11.95	
20	256QAM	1	99	11.87	11.84	11.86	
20	256QAM	50	0	11.98	12.02	11.97	12.5
20	256QAM	50	24	12.04	12.03	12.10	
20	256QAM	50	50	12.10	12.07	12.09	
20	256QAM	100	0	11.99	12.06	12.08	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	16.92	17.03	17.03	17.5
15	QPSK	1	37	16.92	16.97	17.00	
15	QPSK	1	74	16.96	17.00	16.94	
15	QPSK	36	0	15.89	16.03	15.95	16.5
15	QPSK	36	20	16.01	16.05	16.05	
15	QPSK	36	39	16.01	16.14	16.07	
15	QPSK	75	0	16.03	16.02	15.95	
15	16QAM	1	0	15.88	15.92	15.94	16.5
15	16QAM	1	37	16.10	16.10	16.10	
15	16QAM	1	74	15.92	15.87	15.92	
15	16QAM	36	0	14.97	14.93	14.92	15.5
15	16QAM	36	20	15.03	15.06	14.92	
15	16QAM	36	39	15.10	15.02	15.02	
15	16QAM	75	0	15.00	15.06	14.94	
15	64QAM	1	0	14.83	14.93	14.87	15.5
15	64QAM	1	37	14.96	14.99	14.90	
15	64QAM	1	74	14.84	14.94	14.86	
15	64QAM	36	0	13.95	14.00	13.91	14.5
15	64QAM	36	20	14.07	14.10	14.00	
15	64QAM	36	39	14.09	14.06	13.99	
15	64QAM	75	0	14.04	14.00	13.92	

15	256QAM	1	0	11.85	11.80	11.70	12.5
15	256QAM	1	37	11.90	11.77	11.83	
15	256QAM	1	74	11.74	11.71	11.76	
15	256QAM	36	0	11.84	11.90	11.82	12.5
15	256QAM	36	20	11.87	11.90	11.95	
15	256QAM	36	39	11.96	11.97	11.92	
15	256QAM	75	0	11.85	11.94	11.93	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	16.91	16.98	17.03	17.5
10	QPSK	1	25	16.90	17.00	16.93	
10	QPSK	1	49	16.87	16.93	16.96	
10	QPSK	25	0	15.98	15.97	15.97	16.5
10	QPSK	25	12	16.04	16.06	16.00	
10	QPSK	25	25	16.08	16.06	16.05	
10	QPSK	50	0	16.08	16.07	16.01	
10	16QAM	1	0	15.85	15.94	15.91	16.5
10	16QAM	1	25	16.05	16.09	16.17	
10	16QAM	1	49	15.96	15.94	15.86	
10	16QAM	25	0	14.88	15.03	15.00	15.5
10	16QAM	25	12	15.00	15.02	14.95	
10	16QAM	25	25	15.02	15.07	14.99	
10	16QAM	50	0	15.06	15.03	15.01	
10	64QAM	1	0	14.83	14.85	14.94	15.5
10	64QAM	1	25	14.93	15.01	14.87	
10	64QAM	1	49	14.90	14.85	14.85	
10	64QAM	25	0	13.92	14.00	13.95	14.5
10	64QAM	25	12	14.07	14.00	13.95	
10	64QAM	25	25	14.11	14.13	13.96	
10	64QAM	50	0	14.00	14.02	13.94	
10	256QAM	1	0	11.83	11.75	11.77	12.5
10	256QAM	1	25	11.92	11.81	11.85	
10	256QAM	1	49	11.69	11.64	11.75	
10	256QAM	25	0	11.79	11.83	11.79	12.5
10	256QAM	25	12	11.85	11.84	11.97	
10	256QAM	25	25	11.97	11.95	11.97	
10	256QAM	50	0	11.83	11.91	11.94	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	16.96	17.04	17.02	17.5
5	QPSK	1	12	16.90	17.02	16.97	
5	QPSK	1	24	16.87	16.99	16.86	
5	QPSK	12	0	15.95	15.99	16.03	16.5
5	QPSK	12	7	16.10	16.06	16.05	
5	QPSK	12	13	16.06	16.12	16.00	
5	QPSK	25	0	16.07	16.12	15.93	
5	16QAM	1	0	15.84	15.98	15.91	16.5
5	16QAM	1	12	16.04	16.10	16.10	
5	16QAM	1	24	16.02	15.89	15.84	
5	16QAM	12	0	14.90	14.95	14.99	15.5
5	16QAM	12	7	15.00	15.03	15.01	
5	16QAM	12	13	15.03	15.11	15.04	
5	16QAM	25	0	15.03	15.05	14.99	
5	64QAM	1	0	14.80	14.94	14.97	15.5
5	64QAM	1	12	14.96	15.03	14.93	
5	64QAM	1	24	14.86	14.86	14.79	
5	64QAM	12	0	13.99	14.02	14.01	14.5
5	64QAM	12	7	14.00	14.00	13.91	
5	64QAM	12	13	14.01	14.04	13.96	
5	64QAM	25	0	14.02	14.06	13.92	
5	256QAM	1	0	11.85	11.83	11.76	12.5
5	256QAM	1	12	11.91	11.78	11.81	
5	256QAM	1	24	11.76	11.68	11.73	

5	256QAM	12	0	11.87	11.92	11.81	12.5
5	256QAM	12	7	11.86	11.92	11.99	
5	256QAM	12	13	11.94	11.91	11.91	
5	256QAM	25	0	11.89	11.95	11.92	

<LTE Band 38_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.13	20.39	20.17	20.5
20	QPSK	1	49	19.93	20.19	19.97	
20	QPSK	1	99	19.90	20.16	19.94	
20	QPSK	50	0	20.00	20.26	20.04	20.5
20	QPSK	50	24	19.85	20.11	19.89	
20	QPSK	50	50	19.88	20.14	19.92	
20	QPSK	100	0	19.91	20.17	19.95	
20	16QAM	1	0	20.07	20.33	20.11	20.5
20	16QAM	1	49	20.07	20.33	20.11	
20	16QAM	1	99	20.08	20.34	20.12	
20	16QAM	50	0	19.87	20.13	19.91	20.5
20	16QAM	50	24	19.80	20.06	19.84	
20	16QAM	50	50	19.91	20.17	19.95	
20	16QAM	100	0	19.82	20.08	19.86	
20	64QAM	1	0	19.98	20.24	20.02	20.5
20	64QAM	1	49	20.05	20.31	20.09	
20	64QAM	1	99	19.99	20.25	20.03	
20	64QAM	50	0	19.31	19.57	19.35	20.5
20	64QAM	50	24	19.30	19.56	19.34	
20	64QAM	50	50	19.35	19.61	19.39	
20	64QAM	100	0	19.36	19.62	19.40	
20	256QAM	1	0	17.05	17.31	17.09	18
20	256QAM	1	49	17.21	17.47	17.25	
20	256QAM	1	99	17.12	17.38	17.16	
20	256QAM	50	0	17.31	17.57	17.35	18
20	256QAM	50	24	17.33	17.59	17.37	
20	256QAM	50	50	17.41	17.67	17.45	
20	256QAM	100	0	17.38	17.64	17.42	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.10	20.31	20.11	20.5
15	QPSK	1	37	19.89	20.09	19.94	
15	QPSK	1	74	19.81	20.06	19.84	
15	QPSK	36	0	19.93	20.18	19.97	20.5
15	QPSK	36	20	19.75	20.00	19.84	
15	QPSK	36	39	19.82	20.08	19.82	
15	QPSK	75	0	19.81	20.10	19.85	
15	16QAM	1	0	20.01	20.22	20.00	20.5
15	16QAM	1	37	19.96	20.23	20.00	
15	16QAM	1	74	19.97	20.28	20.03	
15	16QAM	36	0	19.82	20.08	19.86	20.5
15	16QAM	36	20	19.70	19.99	19.78	
15	16QAM	36	39	19.88	20.08	19.84	
15	16QAM	75	0	19.72	20.03	19.82	
15	64QAM	1	0	19.87	20.13	19.98	20.5
15	64QAM	1	37	20.00	20.21	20.00	
15	64QAM	1	74	19.90	20.22	19.98	
15	64QAM	36	0	19.21	19.54	19.29	20.5
15	64QAM	36	20	19.19	19.45	19.31	
15	64QAM	36	39	19.32	19.52	19.32	

15	64QAM	75	0	19.33	19.53	19.34	
15	256QAM	1	0	17.01	17.27	17.00	18
15	256QAM	1	37	17.12	17.43	17.19	
15	256QAM	1	74	17.07	17.33	17.06	
15	256QAM	36	0	17.28	17.51	17.30	18
15	256QAM	36	20	17.22	17.55	17.26	
15	256QAM	36	39	17.31	17.57	17.42	
15	256QAM	75	0	17.30	17.61	17.33	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.03	20.30	20.08	20.5
10	QPSK	1	25	19.86	20.09	19.92	
10	QPSK	1	49	19.85	20.07	19.86	
10	QPSK	25	0	19.95	20.20	19.93	20.5
10	QPSK	25	12	19.80	20.08	19.79	
10	QPSK	25	25	19.85	20.10	19.89	
10	QPSK	50	0	19.85	20.08	19.84	
10	16QAM	1	0	20.03	20.22	20.00	20.5
10	16QAM	1	25	19.97	20.29	20.06	
10	16QAM	1	49	19.98	20.23	20.05	
10	16QAM	25	0	19.76	20.09	19.88	20.5
10	16QAM	25	12	19.69	20.01	19.81	
10	16QAM	25	25	19.88	20.12	19.91	
10	16QAM	50	0	19.73	20.05	19.75	
10	64QAM	1	0	19.91	20.21	19.97	20.5
10	64QAM	1	25	19.96	20.20	20.05	
10	64QAM	1	49	19.94	20.17	19.95	
10	64QAM	25	0	19.28	19.47	19.26	20.5
10	64QAM	25	12	19.23	19.47	19.24	
10	64QAM	25	25	19.31	19.53	19.31	
10	64QAM	50	0	19.26	19.52	19.30	
10	256QAM	1	0	16.95	17.24	16.99	18
10	256QAM	1	25	17.10	17.40	17.18	
10	256QAM	1	49	17.07	17.30	17.10	
10	256QAM	25	0	17.22	17.52	17.25	18
10	256QAM	25	12	17.23	17.53	17.26	
10	256QAM	25	25	17.34	17.57	17.37	
10	256QAM	50	0	17.34	17.57	17.37	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.10	20.31	20.11	20.5
5	QPSK	1	12	19.85	20.16	19.90	
5	QPSK	1	24	19.79	20.12	19.89	
5	QPSK	12	0	19.90	20.15	20.00	20.5
5	QPSK	12	7	19.76	20.05	19.85	
5	QPSK	12	13	19.78	20.10	19.85	
5	QPSK	25	0	19.82	20.06	19.89	
5	16QAM	1	0	20.01	20.23	20.01	20.5
5	16QAM	1	12	20.01	20.30	20.05	
5	16QAM	1	24	20.05	20.29	20.09	
5	16QAM	12	0	19.84	20.08	19.88	20.5
5	16QAM	12	7	19.69	19.98	19.78	
5	16QAM	12	13	19.81	20.14	19.86	
5	16QAM	25	0	19.73	20.04	19.79	
5	64QAM	1	0	19.95	20.16	19.96	20.5
5	64QAM	1	12	19.96	20.28	20.05	
5	64QAM	1	24	19.94	20.14	19.99	
5	64QAM	12	0	19.22	19.48	19.27	20.5
5	64QAM	12	7	19.19	19.53	19.30	
5	64QAM	12	13	19.31	19.58	19.29	
5	64QAM	25	0	19.30	19.53	19.32	
5	256QAM	1	0	16.94	17.25	17.01	18
5	256QAM	1	12	17.15	17.43	17.14	

5	256QAM	1	24	17.06	17.35	17.06	
5	256QAM	12	0	17.26	17.49	17.30	18
5	256QAM	12	7	17.28	17.54	17.26	
5	256QAM	12	13	17.33	17.63	17.36	
5	256QAM	25	0	17.34	17.56	17.33	

<LTE Band 41_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	17.08	17.07	17.11	17.18	16.60	17.5
20	QPSK	1	49	17.07	17.05	17.03	17.02	16.59	
20	QPSK	1	99	17.02	17.06	17.10	17.05	16.58	
20	QPSK	50	0	16.16	16.16	16.16	16.17	15.60	16.5
20	QPSK	50	24	16.10	16.12	16.06	16.10	15.59	
20	QPSK	50	50	16.11	16.14	16.04	16.07	15.59	
20	QPSK	100	0	16.15	16.15	16.14	16.16	15.55	
20	16QAM	1	0	16.11	16.09	16.01	16.04	15.58	16.5
20	16QAM	1	49	16.08	16.19	16.05	16.10	15.69	
20	16QAM	1	99	16.01	16.06	16.23	16.07	15.63	
20	16QAM	50	0	15.10	15.09	15.02	15.03	14.58	15.5
20	16QAM	50	24	15.15	15.15	15.06	15.09	14.55	
20	16QAM	50	50	15.12	15.17	15.12	15.02	14.57	
20	16QAM	100	0	15.14	15.13	15.10	15.08	14.52	
20	64QAM	1	0	15.10	15.06	15.05	14.93	14.57	15.5
20	64QAM	1	49	15.07	15.07	14.99	14.92	14.43	
20	64QAM	1	99	14.91	14.98	15.15	15.02	14.50	
20	64QAM	50	0	14.08	14.10	14.02	14.01	13.55	14.5
20	64QAM	50	24	14.17	14.18	14.06	14.11	13.57	
20	64QAM	50	50	14.14	14.15	14.14	14.06	13.58	
20	64QAM	100	0	14.12	14.13	14.10	14.08	13.51	
20	256QAM	1	0	11.99	11.94	11.94	11.73	11.37	12.5
20	256QAM	1	49	11.96	11.92	11.79	11.79	11.26	
20	256QAM	1	99	11.80	11.83	12.02	11.84	11.36	
20	256QAM	50	0	11.89	11.98	11.87	11.82	11.37	12.5
20	256QAM	50	24	12.03	12.02	11.94	11.99	11.38	
20	256QAM	50	50	12.03	11.97	11.96	11.91	11.45	
20	256QAM	100	0	11.92	12.01	11.97	11.97	11.34	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	16.88	16.90	16.96	17.03	16.42	17.50
15	QPSK	1	37	16.95	16.95	16.92	16.83	16.46	
15	QPSK	1	74	16.86	16.95	16.90	16.91	16.42	
15	QPSK	36	0	15.94	15.95	15.88	15.90	15.50	16.5
15	QPSK	36	20	16.03	15.97	15.92	15.90	15.40	
15	QPSK	36	39	16.05	15.99	16.05	15.92	15.41	
15	QPSK	75	0	15.95	15.96	15.94	15.88	15.42	
15	16QAM	1	0	15.91	15.95	15.83	15.94	15.45	16.5
15	16QAM	1	37	15.92	16.04	15.90	15.94	15.52	
15	16QAM	1	74	15.87	15.89	16.08	15.95	15.50	
15	16QAM	36	0	14.98	14.96	14.92	14.90	14.43	15.5
15	16QAM	36	20	15.01	14.96	14.91	14.91	14.38	
15	16QAM	36	39	14.95	15.02	15.00	14.84	14.45	
15	16QAM	75	0	15.03	14.96	14.92	14.88	14.33	
15	64QAM	1	0	15.00	14.93	14.93	14.81	14.41	15.5
15	64QAM	1	37	14.94	14.92	14.82	14.80	14.30	
15	64QAM	1	74	14.71	14.83	14.99	14.89	14.32	
15	64QAM	36	0	13.90	14.00	13.83	13.91	13.44	14.5

15	64QAM	36	20	14.03	14.01	13.87	14.00	13.40	
15	64QAM	36	39	13.97	14.01	13.96	13.94	13.42	
15	64QAM	75	0	13.99	13.99	14.00	13.92	13.35	
15	256QAM	1	0	11.81	11.78	11.76	11.61	11.25	12.5
15	256QAM	1	37	11.76	11.72	11.61	11.60	11.13	
15	256QAM	1	74	11.70	11.68	11.82	11.74	11.18	
15	256QAM	36	0	11.73	11.83	11.73	11.62	11.23	12.5
15	256QAM	36	20	11.83	11.88	11.78	11.89	11.23	
15	256QAM	36	39	11.86	11.85	11.80	11.75	11.31	
15	256QAM	75	0	11.72	11.82	11.87	11.85	11.22	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	16.91	16.95	16.99	17.08	16.44	17.50
10	QPSK	1	25	16.94	16.90	16.84	16.86	16.42	
10	QPSK	1	49	16.86	16.93	17.00	16.88	16.47	
10	QPSK	25	0	15.93	15.97	15.92	15.93	15.50	16.5
10	QPSK	25	12	16.02	15.96	15.88	15.97	15.39	
10	QPSK	25	25	16.05	16.02	16.01	15.89	15.41	
10	QPSK	50	0	16.01	15.97	15.98	15.97	15.43	
10	16QAM	1	0	15.98	15.90	15.84	15.94	15.45	16.5
10	16QAM	1	25	15.90	16.05	15.93	15.95	15.56	
10	16QAM	1	49	15.86	15.89	16.07	15.89	15.49	
10	16QAM	25	0	14.97	14.99	14.92	14.88	14.47	15.5
10	16QAM	25	12	15.04	14.96	14.92	14.95	14.43	
10	16QAM	25	25	15.00	15.05	14.97	14.85	14.40	
10	16QAM	50	0	14.94	14.98	14.99	14.89	14.34	
10	64QAM	1	0	14.90	14.90	14.94	14.81	14.40	15.5
10	64QAM	1	25	14.90	14.90	14.86	14.78	14.25	
10	64QAM	1	49	14.72	14.88	15.03	14.84	14.34	
10	64QAM	25	0	13.91	13.93	13.82	13.88	13.39	14.5
10	64QAM	25	12	14.01	14.05	13.95	13.98	13.45	
10	64QAM	25	25	14.04	13.95	13.96	13.89	13.38	
10	64QAM	50	0	13.93	13.93	13.95	13.89	13.39	
10	256QAM	1	0	11.87	11.83	11.78	11.62	11.21	12.5
10	256QAM	1	25	11.82	11.80	11.61	11.65	11.11	
10	256QAM	1	49	11.70	11.67	11.88	11.74	11.24	
10	256QAM	25	0	11.74	11.81	11.74	11.72	11.20	12.5
10	256QAM	25	12	11.93	11.87	11.81	11.87	11.23	
10	256QAM	25	25	11.88	11.82	11.86	11.71	11.25	
10	256QAM	50	0	11.82	11.88	11.78	11.80	11.19	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	16.97	16.89	16.94	17.05	16.50	17.50
5	QPSK	1	12	16.87	16.92	16.85	16.84	16.49	
5	QPSK	1	24	16.89	16.86	17.00	16.92	16.40	
5	QPSK	12	0	15.90	15.99	15.93	15.89	15.47	16.5
5	QPSK	12	7	15.99	16.06	15.91	15.95	15.39	
5	QPSK	12	13	15.97	16.00	16.02	15.88	15.41	
5	QPSK	25	0	16.02	16.02	16.02	15.91	15.36	
5	16QAM	1	0	15.96	15.99	15.91	15.86	15.46	16.5
5	16QAM	1	12	15.92	16.00	15.86	15.90	15.58	
5	16QAM	1	24	15.86	15.95	16.09	15.97	15.46	
5	16QAM	12	0	15.00	14.93	14.90	14.88	14.38	15.5
5	16QAM	12	7	14.95	14.99	14.89	14.93	14.40	
5	16QAM	12	13	15.01	15.07	14.95	14.82	14.41	
5	16QAM	25	0	14.95	15.03	14.94	14.95	14.35	
5	64QAM	1	0	14.98	14.92	14.92	14.76	14.40	15.5
5	64QAM	1	12	14.95	14.92	14.88	14.75	14.30	
5	64QAM	1	24	14.77	14.83	14.96	14.90	14.36	
5	64QAM	12	0	13.88	13.99	13.84	13.91	13.35	14.5
5	64QAM	12	7	13.99	14.04	13.95	13.96	13.37	
5	64QAM	12	13	14.00	14.01	13.96	13.95	13.39	
5	64QAM	25	0	13.96	13.96	14.00	13.91	13.37	

5	256QAM	1	0	11.89	11.77	11.75	11.60	11.20	12.5
5	256QAM	1	12	11.78	11.75	11.63	11.66	11.07	
5	256QAM	1	24	11.68	11.63	11.87	11.71	11.23	
5	256QAM	12	0	11.70	11.79	11.69	11.64	11.21	12.5
5	256QAM	12	7	11.92	11.87	11.80	11.88	11.19	
5	256QAM	12	13	11.84	11.85	11.86	11.72	11.35	
5	256QAM	25	0	11.74	11.84	11.82	11.86	11.16	

<LTE Band 41_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	20.31	20.32	20.41	20.32	20.31	20.5
20	QPSK	1	49	20.14	20.15	20.24	20.16	20.14	
20	QPSK	1	99	20.17	20.18	20.27	20.19	20.17	
20	QPSK	50	0	20.28	20.29	20.38	20.30	20.28	20.5
20	QPSK	50	24	20.10	20.11	20.20	20.12	20.10	
20	QPSK	50	50	20.13	20.14	20.23	20.15	20.13	
20	QPSK	100	0	20.25	20.26	20.35	20.27	20.25	
20	16QAM	1	0	20.28	20.29	20.38	20.30	20.28	20.5
20	16QAM	1	49	20.24	20.25	20.34	20.26	20.24	
20	16QAM	1	99	20.27	20.28	20.37	20.29	20.27	
20	16QAM	50	0	20.02	20.03	20.12	20.04	20.02	20.5
20	16QAM	50	24	20.26	20.27	20.36	20.28	20.26	
20	16QAM	50	50	20.19	20.20	20.29	20.21	20.19	
20	16QAM	100	0	20.17	20.18	20.27	20.19	20.17	
20	64QAM	1	0	20.08	20.09	20.18	20.10	20.08	20.5
20	64QAM	1	49	20.13	20.14	20.23	20.15	20.13	
20	64QAM	1	99	20.15	20.16	20.25	20.17	20.15	
20	64QAM	50	0	19.54	19.55	19.64	19.56	19.54	20.5
20	64QAM	50	24	19.64	19.65	19.74	19.66	19.64	
20	64QAM	50	50	19.61	19.62	19.71	19.63	19.61	
20	64QAM	100	0	19.75	19.76	19.85	19.77	19.75	
20	256QAM	1	0	17.33	17.34	17.43	17.35	17.33	18
20	256QAM	1	49	17.39	17.40	17.49	17.41	17.39	
20	256QAM	1	99	17.43	17.44	17.53	17.45	17.43	
20	256QAM	50	0	17.61	17.62	17.71	17.63	17.61	18
20	256QAM	50	24	17.59	17.60	17.69	17.61	17.59	
20	256QAM	50	50	17.64	17.65	17.74	17.66	17.64	
20	256QAM	100	0	17.64	17.65	17.74	17.66	17.64	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	20.20	20.22	20.33	20.27	20.24	20.50
15	QPSK	1	37	20.07	20.05	20.20	20.12	20.09	
15	QPSK	1	74	20.07	20.10	20.19	20.11	20.09	
15	QPSK	36	0	20.20	20.19	20.34	20.23	20.19	20.5
15	QPSK	36	20	20.07	20.05	20.12	20.04	20.05	
15	QPSK	36	39	20.08	20.03	20.16	20.07	20.09	
15	QPSK	75	0	20.18	20.18	20.30	20.17	20.17	
15	16QAM	1	0	20.17	20.26	20.31	20.19	20.18	20.5
15	16QAM	1	37	20.21	20.17	20.25	20.15	20.21	
15	16QAM	1	74	20.20	20.25	20.28	20.18	20.17	
15	16QAM	36	0	19.92	20.00	20.02	19.95	19.97	20.5
15	16QAM	36	20	20.17	20.16	20.30	20.20	20.18	
15	16QAM	36	39	20.16	20.13	20.18	20.17	20.16	
15	16QAM	75	0	20.08	20.15	20.23	20.12	20.13	
15	64QAM	1	0	20.01	19.99	20.15	20.07	19.99	20.5
15	64QAM	1	37	20.06	20.08	20.13	20.11	20.08	
15	64QAM	1	74	20.04	20.07	20.19	20.12	20.08	

15	64QAM	36	0	19.44	19.45	19.55	19.45	19.50	20.5
15	64QAM	36	20	19.60	19.55	19.71	19.55	19.59	
15	64QAM	36	39	19.54	19.58	19.66	19.58	19.58	
15	64QAM	75	0	19.66	19.68	19.80	19.73	19.71	
15	256QAM	1	0	17.24	17.28	17.36	17.24	17.25	18
15	256QAM	1	37	17.34	17.30	17.39	17.34	17.36	
15	256QAM	1	74	17.39	17.41	17.43	17.39	17.33	
15	256QAM	36	0	17.55	17.54	17.68	17.55	17.50	18
15	256QAM	36	20	17.48	17.49	17.64	17.51	17.55	
15	256QAM	36	39	17.61	17.55	17.65	17.59	17.57	
15	256QAM	75	0	17.56	17.56	17.65	17.61	17.56	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	20.20	20.27	20.30	20.25	20.28	20.50
10	QPSK	1	25	20.11	20.09	20.15	20.09	20.11	
10	QPSK	1	49	20.09	20.12	20.18	20.15	20.13	
10	QPSK	25	0	20.24	20.21	20.29	20.24	20.24	20.5
10	QPSK	25	12	19.99	20.06	20.09	20.04	20.02	
10	QPSK	25	25	20.03	20.11	20.13	20.06	20.10	
10	QPSK	50	0	20.14	20.23	20.31	20.24	20.21	
10	16QAM	1	0	20.19	20.19	20.28	20.19	20.23	20.5
10	16QAM	1	25	20.20	20.18	20.28	20.19	20.14	
10	16QAM	1	49	20.17	20.18	20.34	20.25	20.22	
10	16QAM	25	0	19.94	19.95	20.04	20.01	19.94	20.5
10	16QAM	25	12	20.21	20.19	20.31	20.20	20.19	
10	16QAM	25	25	20.08	20.15	20.24	20.10	20.08	
10	16QAM	50	0	20.11	20.09	20.17	20.09	20.12	
10	64QAM	1	0	20.05	19.98	20.07	20.05	19.97	20.5
10	64QAM	1	25	20.05	20.04	20.15	20.09	20.07	
10	64QAM	1	49	20.12	20.06	20.14	20.12	20.09	
10	64QAM	25	0	19.50	19.44	19.54	19.48	19.50	20.5
10	64QAM	25	12	19.61	19.57	19.69	19.58	19.57	
10	64QAM	25	25	19.56	19.55	19.62	19.59	19.51	
10	64QAM	50	0	19.71	19.69	19.76	19.67	19.69	
10	256QAM	1	0	17.28	17.26	17.40	17.31	17.29	18
10	256QAM	1	25	17.29	17.30	17.43	17.35	17.36	
10	256QAM	1	49	17.37	17.37	17.50	17.36	17.38	
10	256QAM	25	0	17.56	17.59	17.63	17.57	17.50	18
10	256QAM	25	12	17.54	17.57	17.61	17.57	17.52	
10	256QAM	25	25	17.56	17.59	17.67	17.63	17.57	
10	256QAM	50	0	17.58	17.62	17.68	17.60	17.59	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	20.20	20.24	20.36	20.28	20.22	20.50
5	QPSK	1	12	20.09	20.05	20.21	20.12	20.03	
5	QPSK	1	24	20.08	20.15	20.20	20.15	20.12	
5	QPSK	12	0	20.24	20.23	20.35	20.23	20.19	20.5
5	QPSK	12	7	20.05	20.05	20.14	20.05	20.04	
5	QPSK	12	13	20.02	20.09	20.12	20.05	20.08	
5	QPSK	25	0	20.20	20.22	20.30	20.20	20.15	
5	16QAM	1	0	20.24	20.21	20.28	20.19	20.24	20.5
5	16QAM	1	12	20.17	20.20	20.26	20.20	20.18	
5	16QAM	1	24	20.19	20.22	20.28	20.18	20.17	
5	16QAM	12	0	19.91	19.92	20.02	19.98	19.96	20.5
5	16QAM	12	7	20.22	20.21	20.25	20.25	20.22	
5	16QAM	12	13	20.13	20.10	20.21	20.18	20.15	
5	16QAM	25	0	20.07	20.11	20.19	20.12	20.10	
5	64QAM	1	0	20.01	19.99	20.12	20.03	20.04	20.5
5	64QAM	1	12	20.06	20.09	20.18	20.11	20.07	
5	64QAM	1	24	20.04	20.10	20.18	20.09	20.11	
5	64QAM	12	0	19.47	19.49	19.53	19.51	19.43	20.5
5	64QAM	12	7	19.58	19.56	19.69	19.57	19.54	
5	64QAM	12	13	19.57	19.52	19.64	19.54	19.55	

5	64QAM	25	0	19.65	19.70	19.79	19.71	19.71	
5	256QAM	1	0	17.26	17.23	17.37	17.32	17.28	18
5	256QAM	1	12	17.34	17.29	17.42	17.36	17.30	
5	256QAM	1	24	17.32	17.35	17.46	17.39	17.40	
5	256QAM	12	0	17.58	17.58	17.68	17.59	17.53	18
5	256QAM	12	7	17.52	17.53	17.61	17.54	17.54	
5	256QAM	12	13	17.53	17.55	17.68	17.62	17.55	
5	256QAM	25	0	17.56	17.59	17.67	17.58	17.55	

<LTE Band 41_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				39750	40185	40620	41055	41490	
Frequency (MHz)				2506	2549.5	2593	2636.5	2680	
20	QPSK	1	0	19.11	19.09	19.10	19.12	18.84	20
20	QPSK	1	49	19.10	19.07	19.05	19.00	18.78	
20	QPSK	1	99	19.05	19.05	19.09	19.07	18.77	
20	QPSK	50	0	18.17	18.17	18.09	18.18	17.88	19
20	QPSK	50	24	18.16	18.16	18.01	18.12	17.82	
20	QPSK	50	50	18.14	18.13	18.08	18.06	17.87	
20	QPSK	100	0	18.16	18.15	18.08	18.17	17.81	
20	16QAM	1	0	18.36	18.29	18.26	18.34	18.09	19
20	16QAM	1	49	18.40	18.37	18.41	18.37	18.08	
20	16QAM	1	99	18.28	18.28	18.37	18.27	18.08	
20	16QAM	50	0	17.10	17.14	17.00	17.06	16.85	18
20	16QAM	50	24	17.18	17.18	17.03	17.10	16.83	
20	16QAM	50	50	17.17	17.19	17.11	17.05	16.87	
20	16QAM	100	0	17.16	17.16	17.08	17.11	16.82	
20	64QAM	1	0	17.28	17.28	17.23	17.22	17.04	18
20	64QAM	1	49	17.37	17.31	17.26	17.19	16.97	
20	64QAM	1	99	17.29	17.24	17.32	17.16	17.12	
20	64QAM	50	0	16.11	16.12	16.02	16.06	15.82	17
20	64QAM	50	24	16.18	16.19	16.02	16.12	15.86	
20	64QAM	50	50	16.16	16.17	16.08	16.06	15.85	
20	64QAM	100	0	16.14	16.14	16.10	16.12	15.81	
20	256QAM	1	0	14.10	14.09	14.12	14.12	13.91	15
20	256QAM	1	49	14.24	14.11	14.14	14.05	13.79	
20	256QAM	1	99	14.15	14.06	14.21	14.04	13.95	
20	256QAM	50	0	14.16	14.12	14.11	14.16	13.83	15
20	256QAM	50	24	14.21	14.29	14.06	14.21	13.89	
20	256QAM	50	50	14.17	14.21	14.13	14.14	13.95	
20	256QAM	100	0	14.22	14.23	14.14	14.20	13.90	
Channel				39725	40173	40620	41068	41515	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	
15	QPSK	1	0	18.92	18.96	18.93	18.95	18.68	20.00
15	QPSK	1	37	18.96	18.89	18.89	18.90	18.62	
15	QPSK	1	74	18.90	18.90	18.98	18.95	18.65	
15	QPSK	36	0	17.87	17.95	17.86	17.94	17.65	19
15	QPSK	36	20	18.03	18.06	17.85	18.01	17.65	
15	QPSK	36	39	18.01	17.98	17.92	17.89	17.76	
15	QPSK	75	0	18.04	18.05	17.89	17.99	17.63	
15	16QAM	1	0	18.20	18.18	18.11	18.21	17.90	19
15	16QAM	1	37	18.28	18.22	18.28	18.22	17.95	
15	16QAM	1	74	18.18	18.09	18.27	18.13	17.96	
15	16QAM	36	0	17.00	17.01	16.85	16.95	16.68	18
15	16QAM	36	20	17.06	17.06	16.83	16.96	16.71	
15	16QAM	36	39	17.01	17.08	17.01	16.95	16.69	
15	16QAM	75	0	17.04	17.06	16.88	16.95	16.66	
15	64QAM	1	0	17.11	17.09	17.09	17.03	16.87	18

15	64QAM	1	37	17.26	17.11	17.14	17.08	16.82	
15	64QAM	1	74	17.11	17.10	17.16	17.02	17.01	
15	64QAM	36	0	16.01	15.97	15.89	15.86	15.70	17
15	64QAM	36	20	15.98	16.02	15.91	15.94	15.72	
15	64QAM	36	39	16.04	16.01	15.90	15.93	15.75	
15	64QAM	75	0	16.02	15.95	15.97	15.98	15.66	
15	256QAM	1	0	13.98	13.98	13.97	13.92	13.73	15
15	256QAM	1	37	14.13	13.94	13.94	13.88	13.66	
15	256QAM	1	74	13.97	13.89	14.01	13.90	13.82	
15	256QAM	36	0	13.98	14.00	13.97	13.97	13.76	15
15	256QAM	36	20	14.02	14.15	13.94	14.03	13.76	
15	256QAM	36	39	14.04	14.02	13.95	14.04	13.85	
15	256QAM	75	0	14.02	14.12	14.00	14.09	13.76	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	18.87	18.91	18.90	18.98	18.67	20.00
10	QPSK	1	25	18.98	18.94	18.87	18.90	18.58	
10	QPSK	1	49	18.89	18.85	18.89	18.88	18.67	
10	QPSK	25	0	17.92	17.89	17.81	17.89	17.67	19
10	QPSK	25	12	18.02	18.07	17.84	17.96	17.70	
10	QPSK	25	25	18.01	17.93	17.98	17.95	17.75	
10	QPSK	50	0	18.00	17.95	17.98	17.90	17.69	
10	16QAM	1	0	18.24	18.14	18.16	18.21	17.97	19
10	16QAM	1	25	18.21	18.19	18.30	18.22	17.93	
10	16QAM	1	49	18.09	18.13	18.26	18.14	17.95	
10	16QAM	25	0	16.99	16.98	16.88	16.86	16.68	18
10	16QAM	25	12	16.99	17.05	16.91	16.97	16.72	
10	16QAM	25	25	17.05	17.04	17.00	16.94	16.73	
10	16QAM	50	0	17.02	16.96	16.90	16.91	16.71	
10	64QAM	1	0	17.10	17.18	17.08	17.07	16.90	18
10	64QAM	1	25	17.25	17.18	17.15	17.05	16.84	
10	64QAM	1	49	17.17	17.07	17.22	17.00	16.93	
10	64QAM	25	0	16.01	15.96	15.83	15.86	15.68	17
10	64QAM	25	12	16.05	16.08	15.86	15.93	15.69	
10	64QAM	25	25	16.01	15.99	15.92	15.86	15.68	
10	64QAM	50	0	16.01	16.01	15.90	15.94	15.67	
10	256QAM	1	0	13.99	13.96	13.94	14.00	13.78	15
10	256QAM	1	25	14.10	13.98	14.00	13.94	13.61	
10	256QAM	1	49	14.02	13.91	14.01	13.92	13.82	
10	256QAM	25	0	14.01	13.93	13.99	14.04	13.70	15
10	256QAM	25	12	14.04	14.14	13.93	14.09	13.74	
10	256QAM	25	25	14.07	14.03	13.94	14.04	13.79	
10	256QAM	50	0	14.10	14.11	14.04	14.10	13.72	
Channel				39675	40148	40620	41093	41565	Tune-up limit (dBm)
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	18.95	18.99	18.87	19.01	18.70	20.00
5	QPSK	1	12	19.01	18.89	18.86	18.82	18.66	
5	QPSK	1	24	18.91	18.89	18.93	18.95	18.61	
5	QPSK	12	0	17.88	17.88	17.90	17.90	17.68	19
5	QPSK	12	7	17.97	18.03	17.86	18.01	17.62	
5	QPSK	12	13	17.95	17.94	17.93	17.89	17.71	
5	QPSK	25	0	17.98	17.96	17.90	17.96	17.64	
5	16QAM	1	0	18.22	18.12	18.10	18.22	17.99	19
5	16QAM	1	12	18.29	18.27	18.27	18.22	17.92	
5	16QAM	1	24	18.08	18.11	18.20	18.14	17.88	
5	16QAM	12	0	16.90	16.96	16.83	16.88	16.70	18
5	16QAM	12	7	17.03	17.00	16.88	17.00	16.71	
5	16QAM	12	13	16.99	17.07	16.94	16.86	16.70	
5	16QAM	25	0	17.04	16.97	16.97	16.99	16.71	
5	64QAM	1	0	17.16	17.11	17.03	17.08	16.86	18
5	64QAM	1	12	17.26	17.15	17.12	16.99	16.86	
5	64QAM	1	24	17.14	17.06	17.21	17.00	16.99	
5	64QAM	12	0	15.93	15.92	15.92	15.89	15.67	17

5	64QAM	12	7	16.01	16.09	15.92	16.02	15.74	
5	64QAM	12	13	16.06	16.04	15.92	15.93	15.71	
5	64QAM	25	0	16.01	16.04	15.94	15.96	15.67	
5	256QAM	1	0	14.00	13.89	13.98	14.01	13.75	15
5	256QAM	1	12	14.10	13.95	13.97	13.91	13.60	
5	256QAM	1	24	13.97	13.95	14.07	13.87	13.83	
5	256QAM	12	0	14.02	13.94	14.01	14.02	13.75	15
5	256QAM	12	7	14.02	14.17	13.93	14.11	13.77	
5	256QAM	12	13	14.04	14.09	14.03	14.01	13.82	
5	256QAM	25	0	14.02	14.06	14.02	14.04	13.71	

<LTE Band 42_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.13	17.36	17.12	17.5
20	QPSK	1	49	16.98	16.90	16.97	
20	QPSK	1	99	17.03	16.95	17.01	
20	QPSK	50	0	17.12	17.13	17.11	17.5
20	QPSK	50	24	17.11	17.09	17.10	
20	QPSK	50	50	17.09	17.08	16.98	
20	QPSK	100	0	17.08	17.09	17.07	
20	16QAM	1	0	17.07	17.35	17.02	17.5
20	16QAM	1	49	17.07	17.33	17.06	
20	16QAM	1	99	17.04	17.31	17.03	
20	16QAM	50	0	16.67	17.02	16.72	17.5
20	16QAM	50	24	16.77	17.07	16.78	
20	16QAM	50	50	16.79	17.12	16.80	
20	16QAM	100	0	16.81	17.15	16.81	
20	64QAM	1	0	16.51	16.79	16.51	17.5
20	64QAM	1	49	16.50	16.77	16.46	
20	64QAM	1	99	16.52	16.81	16.46	
20	64QAM	50	0	16.74	17.07	16.77	17.5
20	64QAM	50	24	16.85	17.12	16.77	
20	64QAM	50	50	16.84	17.18	16.82	
20	64QAM	100	0	16.88	17.19	16.92	
20	256QAM	1	0	15.80	16.11	15.81	17.5
20	256QAM	1	49	15.91	16.20	15.88	
20	256QAM	1	99	15.89	16.24	15.90	
20	256QAM	50	0	15.69	16.02	15.74	17.5
20	256QAM	50	24	15.78	16.08	15.78	
20	256QAM	50	50	15.85	16.13	15.83	
20	256QAM	100	0	15.87	16.16	15.89	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.07	17.32	17.05	17.5
15	QPSK	1	37	16.95	16.85	16.89	
15	QPSK	1	74	17.00	16.89	16.98	
15	QPSK	36	0	17.09	17.04	17.05	17.5
15	QPSK	36	20	17.03	17.04	17.06	
15	QPSK	36	39	17.02	17.00	16.93	
15	QPSK	75	0	17.02	17.06	17.04	
15	16QAM	1	0	17.04	17.32	16.98	17.5
15	16QAM	1	37	16.99	17.28	17.00	
15	16QAM	1	74	16.99	17.28	17.00	
15	16QAM	36	0	16.60	16.94	16.69	17.5
15	16QAM	36	20	16.74	17.01	16.71	
15	16QAM	36	39	16.74	17.04	16.74	
15	16QAM	75	0	16.72	17.11	16.72	

15	64QAM	1	0	16.46	16.76	16.43	17.5
15	64QAM	1	37	16.46	16.71	16.40	
15	64QAM	1	74	16.45	16.72	16.38	
15	64QAM	36	0	16.67	16.98	16.70	17.5
15	64QAM	36	20	16.82	17.03	16.71	
15	64QAM	36	39	16.77	17.09	16.74	
15	64QAM	75	0	16.80	17.16	16.88	
15	256QAM	1	0	15.71	16.05	15.75	17.5
15	256QAM	1	37	15.82	16.14	15.82	
15	256QAM	1	74	15.85	16.20	15.86	
15	256QAM	36	0	15.65	15.99	15.67	17.5
15	256QAM	36	20	15.74	15.99	15.75	
15	256QAM	36	39	15.78	16.09	15.77	
15	256QAM	75	0	15.83	16.10	15.82	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.05	17.33	17.05	17.5
10	QPSK	1	25	16.89	16.84	16.91	
10	QPSK	1	49	16.98	16.86	16.95	
10	QPSK	25	0	17.03	17.09	17.02	17.5
10	QPSK	25	12	17.05	17.06	17.01	
10	QPSK	25	25	17.05	17.01	16.92	
10	QPSK	50	0	16.99	17.00	16.98	
10	16QAM	1	0	17.01	17.32	16.93	17.5
10	16QAM	1	25	17.01	17.28	16.97	
10	16QAM	1	49	16.99	17.22	16.99	
10	16QAM	25	0	16.58	16.94	16.67	17.5
10	16QAM	25	12	16.72	17.01	16.75	
10	16QAM	25	25	16.73	17.09	16.76	
10	16QAM	50	0	16.76	17.06	16.78	
10	64QAM	1	0	16.42	16.71	16.47	17.5
10	64QAM	1	25	16.46	16.71	16.38	
10	64QAM	1	49	16.47	16.72	16.37	
10	64QAM	25	0	16.68	17.00	16.69	17.5
10	64QAM	25	12	16.77	17.08	16.73	
10	64QAM	25	25	16.76	17.14	16.75	
10	64QAM	50	0	16.79	17.16	16.86	
10	256QAM	1	0	15.74	16.06	15.76	17.5
10	256QAM	1	25	15.84	16.16	15.85	
10	256QAM	1	49	15.83	16.19	15.81	
10	256QAM	25	0	15.65	15.98	15.66	17.5
10	256QAM	25	12	15.75	15.99	15.72	
10	256QAM	25	25	15.76	16.10	15.79	
10	256QAM	50	0	15.80	16.13	15.81	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.07	17.32	17.06	17.5
5	QPSK	1	12	16.89	16.85	16.94	
5	QPSK	1	24	16.98	16.88	16.94	
5	QPSK	12	0	17.05	17.04	17.05	17.5
5	QPSK	12	7	17.07	17.03	17.06	
5	QPSK	12	13	17.01	17.03	16.90	
5	QPSK	25	0	17.01	17.06	17.04	
5	16QAM	1	0	17.04	17.30	16.98	17.5
5	16QAM	1	12	17.04	17.27	16.99	
5	16QAM	1	24	16.95	17.24	17.00	
5	16QAM	12	0	16.59	16.95	16.63	17.5
5	16QAM	12	7	16.69	16.99	16.71	
5	16QAM	12	13	16.75	17.07	16.72	
5	16QAM	25	0	16.77	17.11	16.74	
5	64QAM	1	0	16.45	16.75	16.47	17.5
5	64QAM	1	12	16.41	16.68	16.37	
5	64QAM	1	24	16.43	16.78	16.43	

5	64QAM	12	0	16.68	16.98	16.70	17.5
5	64QAM	12	7	16.79	17.04	16.71	
5	64QAM	12	13	16.78	17.09	16.74	
5	64QAM	25	0	16.83	17.13	16.84	
5	256QAM	1	0	15.73	16.07	15.78	17.5
5	256QAM	1	12	15.85	16.12	15.82	
5	256QAM	1	24	15.80	16.19	15.84	
5	256QAM	12	0	15.62	15.99	15.67	17.5
5	256QAM	12	7	15.70	16.02	15.75	
5	256QAM	12	13	15.81	16.05	15.75	
5	256QAM	25	0	15.83	16.10	15.80	

<LTE Band 42_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				42190	42590	42990	
Frequency (MHz)				3460	3500	3540	
20	QPSK	1	0	17.36	17.22	17.20	18
20	QPSK	1	49	17.25	17.11	17.09	
20	QPSK	1	99	17.17	17.03	17.01	
20	QPSK	50	0	16.39	16.25	16.23	17
20	QPSK	50	24	16.35	16.21	16.19	
20	QPSK	50	50	16.29	16.15	16.13	
20	QPSK	100	0	16.34	16.20	16.18	
20	16QAM	1	0	16.33	16.19	16.17	17
20	16QAM	1	49	16.26	16.12	16.10	
20	16QAM	1	99	16.08	15.94	15.92	
20	16QAM	50	0	15.38	15.24	15.22	16
20	16QAM	50	24	15.36	15.22	15.20	
20	16QAM	50	50	15.28	15.14	15.12	
20	16QAM	100	0	15.33	15.19	15.17	
20	64QAM	1	0	15.30	15.16	15.14	16
20	64QAM	1	49	15.18	15.04	15.02	
20	64QAM	1	99	15.16	15.02	15.00	
20	64QAM	50	0	14.39	14.25	14.23	15
20	64QAM	50	24	14.36	14.22	14.20	
20	64QAM	50	50	14.28	14.14	14.12	
20	64QAM	100	0	14.35	14.21	14.19	
20	256QAM	1	0	12.01	11.87	11.85	13
20	256QAM	1	49	11.87	11.73	11.71	
20	256QAM	1	99	11.93	11.79	11.77	
20	256QAM	50	0	12.11	11.97	11.95	13
20	256QAM	50	24	12.13	11.99	11.97	
20	256QAM	50	50	12.06	11.92	11.90	
20	256QAM	100	0	12.09	11.95	11.93	
Channel				42165	42590	43015	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3500	3542.5	
15	QPSK	1	0	17.25	17.14	17.15	18
15	QPSK	1	37	17.17	17.00	17.05	
15	QPSK	1	74	17.11	16.99	16.92	
15	QPSK	36	0	16.29	16.19	16.12	17
15	QPSK	36	20	16.28	16.11	16.09	
15	QPSK	36	39	16.19	16.05	16.02	
15	QPSK	75	0	16.30	16.11	16.15	
15	16QAM	1	0	16.26	16.16	16.13	17
15	16QAM	1	37	16.23	16.01	16.03	
15	16QAM	1	74	16.01	15.91	15.84	
15	16QAM	36	0	15.34	15.14	15.18	16
15	16QAM	36	20	15.29	15.18	15.10	
15	16QAM	36	39	15.18	15.11	15.05	

15	16QAM	75	0	15.23	15.16	15.10	
15	64QAM	1	0	15.23	15.05	15.05	16
15	64QAM	1	37	15.10	14.94	14.91	
15	64QAM	1	74	15.13	14.93	14.95	
15	64QAM	36	0	14.31	14.18	14.18	15
15	64QAM	36	20	14.27	14.11	14.11	
15	64QAM	36	39	14.21	14.07	14.03	
15	64QAM	75	0	14.31	14.17	14.09	
15	256QAM	1	0	11.96	11.80	11.82	13
15	256QAM	1	37	11.84	11.62	11.63	
15	256QAM	1	74	11.82	11.69	11.73	
15	256QAM	36	0	12.06	11.94	11.87	13
15	256QAM	36	20	12.08	11.91	11.87	
15	256QAM	36	39	11.98	11.81	11.80	
15	256QAM	75	0	12.03	11.91	11.82	
Channel				42140	42590	43040	Tune-up limit (dBm)
Frequency (MHz)				3455	3500	3545	
10	QPSK	1	0	17.32	17.11	17.09	18
10	QPSK	1	25	17.22	17.05	17.04	
10	QPSK	1	49	17.09	16.93	16.94	
10	QPSK	25	0	16.34	16.22	16.15	17
10	QPSK	25	12	16.28	16.11	16.11	
10	QPSK	25	25	16.22	16.10	16.08	
10	QPSK	50	0	16.26	16.16	16.08	
10	16QAM	1	0	16.26	16.13	16.06	17
10	16QAM	1	25	16.18	16.01	16.01	
10	16QAM	1	49	16.05	15.84	15.89	
10	16QAM	25	0	15.34	15.18	15.19	16
10	16QAM	25	12	15.27	15.16	15.12	
10	16QAM	25	25	15.24	15.07	15.03	
10	16QAM	50	0	15.26	15.14	15.13	
10	64QAM	1	0	15.19	15.13	15.04	16
10	64QAM	1	25	15.08	14.98	14.99	
10	64QAM	1	49	15.13	14.99	14.94	
10	64QAM	25	0	14.30	14.15	14.16	15
10	64QAM	25	12	14.28	14.11	14.09	
10	64QAM	25	25	14.20	14.08	14.05	
10	64QAM	50	0	14.28	14.18	14.12	
10	256QAM	1	0	11.94	11.76	11.75	13
10	256QAM	1	25	11.82	11.63	11.62	
10	256QAM	1	49	11.89	11.69	11.72	
10	256QAM	25	0	12.00	11.88	11.85	13
10	256QAM	25	12	12.07	11.93	11.94	
10	256QAM	25	25	12.03	11.89	11.87	
10	256QAM	50	0	12.05	11.84	11.88	
Channel				42115	42590	43065	Tune-up limit (dBm)
Frequency (MHz)				3452.5	3500	3547.5	
5	QPSK	1	0	17.32	17.19	17.09	18
5	QPSK	1	12	17.22	17.06	17.02	
5	QPSK	1	24	17.12	16.93	16.93	
5	QPSK	12	0	16.31	16.18	16.14	17
5	QPSK	12	7	16.28	16.15	16.12	
5	QPSK	12	13	16.20	16.08	16.06	
5	QPSK	25	0	16.27	16.12	16.15	
5	16QAM	1	0	16.23	16.08	16.07	17
5	16QAM	1	12	16.18	16.03	16.01	
5	16QAM	1	24	16.02	15.83	15.88	
5	16QAM	12	0	15.32	15.20	15.17	16
5	16QAM	12	7	15.25	15.13	15.15	
5	16QAM	12	13	15.18	15.06	15.02	
5	16QAM	25	0	15.27	15.15	15.13	
5	64QAM	1	0	15.24	15.05	15.03	16
5	64QAM	1	12	15.15	15.00	14.95	

5	64QAM	1	24	15.05	14.95	14.94	
5	64QAM	12	0	14.31	14.18	14.15	15
5	64QAM	12	7	14.28	14.18	14.11	
5	64QAM	12	13	14.25	14.04	14.05	
5	64QAM	25	0	14.30	14.17	14.11	
5	256QAM	1	0	11.97	11.81	11.76	13
5	256QAM	1	12	11.79	11.65	11.60	
5	256QAM	1	24	11.85	11.71	11.72	
5	256QAM	12	0	12.07	11.92	11.89	13
5	256QAM	12	7	12.08	11.95	11.88	
5	256QAM	12	13	12.00	11.83	11.86	
5	256QAM	25	0	12.01	11.87	11.84	

<LTE Band 43_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				44690	45090	45490	
Frequency (MHz)				3710	3750	3790	
20	QPSK	1	0	17.08	17.01	17.04	18
20	QPSK	1	49	16.95	16.88	16.91	
20	QPSK	1	99	16.79	16.72	16.75	
20	QPSK	50	0	16.01	15.94	15.97	17
20	QPSK	50	24	15.96	15.89	15.92	
20	QPSK	50	50	15.97	15.90	15.93	
20	QPSK	100	0	15.95	15.88	15.91	
20	16QAM	1	0	16.07	16.00	16.03	17
20	16QAM	1	49	16.06	15.99	16.02	
20	16QAM	1	99	15.76	15.69	15.72	
20	16QAM	50	0	15.02	14.95	14.98	16
20	16QAM	50	24	14.98	14.91	14.94	
20	16QAM	50	50	14.96	14.89	14.92	
20	16QAM	100	0	14.96	14.89	14.92	
20	64QAM	1	0	14.97	14.90	14.93	16
20	64QAM	1	49	14.86	14.79	14.82	
20	64QAM	1	99	14.75	14.68	14.71	
20	64QAM	50	0	14.01	13.94	13.97	15
20	64QAM	50	24	13.96	13.89	13.92	
20	64QAM	50	50	13.97	13.90	13.93	
20	64QAM	100	0	13.95	13.88	13.91	
20	256QAM	1	0	11.79	11.72	11.75	13
20	256QAM	1	49	11.66	11.59	11.62	
20	256QAM	1	99	11.61	11.54	11.57	
20	256QAM	50	0	11.83	11.76	11.79	13
20	256QAM	50	24	11.77	11.70	11.73	
20	256QAM	50	50	11.80	11.73	11.76	
20	256QAM	100	0	11.82	11.75	11.78	
Channel				44665	45090	45515	Tune-up limit (dBm)
Frequency (MHz)				3707.5	3750	3792.5	
15	QPSK	1	0	17.04	16.98	16.93	18
15	QPSK	1	37	16.84	16.85	16.83	
15	QPSK	1	74	16.74	16.67	16.69	
15	QPSK	36	0	15.95	15.83	15.92	17
15	QPSK	36	20	15.93	15.81	15.81	
15	QPSK	36	39	15.93	15.87	15.83	
15	QPSK	75	0	15.88	15.85	15.88	
15	16QAM	1	0	16.02	15.89	15.98	17
15	16QAM	1	37	15.95	15.92	15.94	
15	16QAM	1	74	15.71	15.60	15.66	
15	16QAM	36	0	14.94	14.92	14.90	16

15	16QAM	36	20	14.92	14.85	14.86	
15	16QAM	36	39	14.88	14.78	14.86	
15	16QAM	75	0	14.92	14.79	14.89	
15	64QAM	1	0	14.91	14.81	14.88	16
15	64QAM	1	37	14.78	14.72	14.72	
15	64QAM	1	74	14.71	14.63	14.68	
15	64QAM	36	0	13.97	13.89	13.89	15
15	64QAM	36	20	13.90	13.79	13.87	
15	64QAM	36	39	13.92	13.84	13.89	
15	64QAM	75	0	13.90	13.77	13.86	
15	256QAM	1	0	11.69	11.69	11.71	13
15	256QAM	1	37	11.57	11.56	11.57	
15	256QAM	1	74	11.50	11.45	11.52	
15	256QAM	36	0	11.78	11.67	11.70	13
15	256QAM	36	20	11.74	11.60	11.63	
15	256QAM	36	39	11.71	11.66	11.72	
15	256QAM	75	0	11.74	11.71	11.75	
Channel				44640	45090	45540	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	QPSK	1	0	17.05	16.96	16.97	18
10	QPSK	1	25	16.92	16.78	16.82	
10	QPSK	1	49	16.74	16.67	16.71	
10	QPSK	25	0	15.92	15.84	15.89	17
10	QPSK	25	12	15.92	15.80	15.86	
10	QPSK	25	25	15.92	15.83	15.90	
10	QPSK	50	0	15.87	15.81	15.81	
10	16QAM	1	0	15.99	15.89	15.98	17
10	16QAM	1	25	15.97	15.89	15.94	
10	16QAM	1	49	15.68	15.62	15.65	
10	16QAM	25	0	14.94	14.85	14.94	16
10	16QAM	25	12	14.89	14.82	14.89	
10	16QAM	25	25	14.92	14.86	14.82	
10	16QAM	50	0	14.93	14.83	14.89	
10	64QAM	1	0	14.93	14.87	14.88	16
10	64QAM	1	25	14.77	14.68	14.73	
10	64QAM	1	49	14.71	14.59	14.61	
10	64QAM	25	0	13.93	13.86	13.93	15
10	64QAM	25	12	13.85	13.82	13.85	
10	64QAM	25	25	13.87	13.81	13.84	
10	64QAM	50	0	13.85	13.85	13.85	
10	256QAM	1	0	11.75	11.64	11.69	13
10	256QAM	1	25	11.56	11.56	11.53	
10	256QAM	1	49	11.50	11.50	11.53	
10	256QAM	25	0	11.72	11.65	11.74	13
10	256QAM	25	12	11.69	11.60	11.66	
10	256QAM	25	25	11.74	11.66	11.72	
10	256QAM	50	0	11.79	11.70	11.75	
Channel				44615	45090	45565	Tune-up limit (dBm)
Frequency (MHz)				3702.5	3750	3797.5	
5	QPSK	1	0	16.99	16.94	16.95	18
5	QPSK	1	12	16.92	16.84	16.87	
5	QPSK	1	24	16.76	16.63	16.69	
5	QPSK	12	0	15.95	15.88	15.86	17
5	QPSK	12	7	15.92	15.82	15.85	
5	QPSK	12	13	15.86	15.86	15.82	
5	QPSK	25	0	15.92	15.85	15.81	
5	16QAM	1	0	16.01	15.89	15.92	17
5	16QAM	1	12	15.95	15.91	15.99	
5	16QAM	1	24	15.69	15.61	15.68	
5	16QAM	12	0	14.92	14.90	14.88	16
5	16QAM	12	7	14.90	14.87	14.87	
5	16QAM	12	13	14.92	14.85	14.84	
5	16QAM	25	0	14.86	14.84	14.85	

5	64QAM	1	0	14.88	14.87	14.84	16
5	64QAM	1	12	14.82	14.75	14.71	
5	64QAM	1	24	14.71	14.65	14.68	
5	64QAM	12	0	13.93	13.90	13.92	15
5	64QAM	12	7	13.91	13.81	13.83	
5	64QAM	12	13	13.91	13.83	13.90	
5	64QAM	25	0	13.90	13.78	13.82	
5	256QAM	1	0	11.76	11.62	11.67	13
5	256QAM	1	12	11.59	11.53	11.53	
5	256QAM	1	24	11.54	11.44	11.48	
5	256QAM	12	0	11.77	11.68	11.76	13
5	256QAM	12	7	11.74	11.65	11.68	
5	256QAM	12	13	11.71	11.65	11.68	
5	256QAM	25	0	11.71	11.66	11.67	

<LTE Band 48_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	16.42	16.65	16.46	16.46	17
20	QPSK	1	49	16.40	16.60	16.45	16.40	
20	QPSK	1	99	16.40	16.59	16.42	16.43	
20	QPSK	50	0	16.41	16.64	16.45	16.45	17
20	QPSK	50	24	16.38	16.59	16.44	16.44	
20	QPSK	50	50	16.39	16.58	16.41	16.41	
20	QPSK	100	0	16.38	16.60	16.44	16.43	
20	16QAM	1	0	16.28	16.45	16.29	16.26	17
20	16QAM	1	49	16.34	16.40	16.29	16.31	
20	16QAM	1	99	16.30	16.45	16.24	16.34	
20	16QAM	50	0	16.38	16.56	16.42	16.44	17
20	16QAM	50	24	16.36	16.61	16.45	16.45	
20	16QAM	50	50	16.39	16.61	16.43	16.43	
20	16QAM	100	0	16.38	16.63	16.45	16.42	
20	64QAM	1	0	16.09	16.23	16.04	16.03	17
20	64QAM	1	49	16.11	16.21	16.10	16.10	
20	64QAM	1	99	16.19	16.32	16.15	16.12	
20	64QAM	50	0	16.40	16.61	16.45	16.41	17
20	64QAM	50	24	16.39	16.62	16.41	16.39	
20	64QAM	50	50	16.38	16.58	16.43	16.44	
20	64QAM	100	0	16.40	16.58	16.42	16.43	
20	256QAM	1	0	16.01	16.16	16.03	16.01	17
20	256QAM	1	49	16.11	16.25	16.09	16.05	
20	256QAM	1	99	16.12	16.32	16.13	16.17	
20	256QAM	50	0	15.96	16.14	15.96	15.97	17
20	256QAM	50	24	15.98	16.16	16.05	15.97	
20	256QAM	50	50	15.99	16.12	15.92	16.00	
20	256QAM	100	0	16.06	16.18	16.08	16.00	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	16.36	16.60	16.39	16.38	17
15	QPSK	1	37	16.32	16.54	16.37	16.32	
15	QPSK	1	74	16.37	16.52	16.34	16.37	
15	QPSK	36	0	16.34	16.56	16.38	16.40	17
15	QPSK	36	20	16.34	16.52	16.36	16.40	
15	QPSK	36	39	16.31	16.55	16.37	16.37	
15	QPSK	75	0	16.35	16.54	16.36	16.36	
15	16QAM	1	0	16.25	16.40	16.21	16.19	17
15	16QAM	1	37	16.26	16.35	16.25	16.23	

15	16QAM	1	74	16.22	16.42	16.17	16.27	
15	16QAM	36	0	16.32	16.53	16.38	16.37	17
15	16QAM	36	20	16.28	16.56	16.37	16.42	
15	16QAM	36	39	16.32	16.54	16.35	16.40	
15	16QAM	75	0	16.33	16.55	16.39	16.38	
15	64QAM	1	0	16.03	16.15	15.97	15.97	17
15	64QAM	1	37	16.04	16.14	16.02	16.04	
15	64QAM	1	74	16.13	16.24	16.09	16.06	
15	64QAM	36	0	16.35	16.54	16.42	16.35	17
15	64QAM	36	20	16.36	16.54	16.37	16.33	
15	64QAM	36	39	16.31	16.53	16.39	16.37	
15	64QAM	75	0	16.35	16.50	16.36	16.39	
15	256QAM	1	0	15.96	16.12	15.95	15.95	17
15	256QAM	1	37	16.04	16.21	16.02	16.00	
15	256QAM	1	74	16.08	16.25	16.10	16.11	
15	256QAM	36	0	15.93	16.06	15.92	15.93	17
15	256QAM	36	20	15.91	16.10	16.02	15.93	
15	256QAM	36	39	15.94	16.09	15.89	15.93	
15	256QAM	75	0	15.98	16.11	16.01	15.92	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	16.39	16.61	16.39	16.43	17
10	QPSK	1	25	16.35	16.53	16.39	16.34	
10	QPSK	1	49	16.35	16.51	16.36	16.40	
10	QPSK	25	0	16.37	16.58	16.39	16.39	17
10	QPSK	25	12	16.32	16.52	16.36	16.38	
10	QPSK	25	25	16.36	16.55	16.34	16.34	
10	QPSK	50	0	16.32	16.53	16.36	16.37	
10	16QAM	1	0	16.22	16.38	16.24	16.20	17
10	16QAM	1	25	16.29	16.34	16.26	16.28	
10	16QAM	1	49	16.25	16.42	16.19	16.27	
10	16QAM	25	0	16.30	16.52	16.34	16.37	17
10	16QAM	25	12	16.30	16.55	16.39	16.42	
10	16QAM	25	25	16.35	16.53	16.37	16.40	
10	16QAM	50	0	16.32	16.59	16.38	16.38	
10	64QAM	1	0	16.05	16.19	16.01	15.96	17
10	64QAM	1	25	16.03	16.16	16.02	16.02	
10	64QAM	1	49	16.12	16.26	16.07	16.07	
10	64QAM	25	0	16.33	16.57	16.37	16.38	17
10	64QAM	25	12	16.35	16.54	16.33	16.31	
10	64QAM	25	25	16.32	16.50	16.40	16.41	
10	64QAM	50	0	16.34	16.51	16.37	16.40	
10	256QAM	1	0	15.97	16.11	16.00	15.95	17
10	256QAM	1	25	16.07	16.18	16.05	16.01	
10	256QAM	1	49	16.09	16.25	16.07	16.09	
10	256QAM	25	0	15.91	16.09	15.92	15.89	17
10	256QAM	25	12	15.92	16.08	15.99	15.91	
10	256QAM	25	25	15.95	16.05	15.84	15.92	
10	256QAM	50	0	15.99	16.15	16.04	15.93	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	16.36	16.58	16.38	16.40	17
5	QPSK	1	12	16.32	16.52	16.37	16.35	
5	QPSK	1	24	16.37	16.56	16.38	16.38	
5	QPSK	12	0	16.37	16.58	16.38	16.41	17
5	QPSK	12	7	16.30	16.56	16.38	16.36	
5	QPSK	12	13	16.32	16.55	16.34	16.33	
5	QPSK	25	0	16.33	16.56	16.37	16.37	
5	16QAM	1	0	16.23	16.38	16.24	16.21	17
5	16QAM	1	12	16.29	16.36	16.21	16.24	
5	16QAM	1	24	16.22	16.40	16.18	16.31	
5	16QAM	12	0	16.34	16.50	16.37	16.40	17
5	16QAM	12	7	16.28	16.53	16.38	16.40	

5	16QAM	12	13	16.35	16.57	16.37	16.36	
5	16QAM	25	0	16.32	16.56	16.41	16.39	
5	64QAM	1	0	16.04	16.19	15.99	15.96	17
5	64QAM	1	12	16.04	16.16	16.05	16.03	
5	64QAM	1	24	16.12	16.24	16.09	16.05	
5	64QAM	12	0	16.33	16.58	16.40	16.34	17
5	64QAM	12	7	16.33	16.55	16.37	16.34	
5	64QAM	12	13	16.31	16.53	16.39	16.38	
5	64QAM	25	0	16.34	16.51	16.39	16.35	
5	256QAM	1	0	15.96	16.12	15.96	15.97	17
5	256QAM	1	12	16.08	16.21	16.01	15.98	
5	256QAM	1	24	16.09	16.24	16.05	16.11	
5	256QAM	12	0	15.92	16.10	15.92	15.91	17
5	256QAM	12	7	15.92	16.08	16.02	15.89	
5	256QAM	12	13	15.91	16.04	15.85	15.97	
5	256QAM	25	0	16.00	16.12	16.02	15.96	

<LTE Band 48_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Low Middle Ch. / Freq.	Power High Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	
20	QPSK	1	0	16.97	17.05	16.99	17.04	17.5
20	QPSK	1	49	16.84	16.92	16.86	16.91	
20	QPSK	1	99	16.71	16.79	16.73	16.78	
20	QPSK	50	0	15.95	16.03	15.97	16.02	16.5
20	QPSK	50	24	15.91	15.99	15.93	15.98	
20	QPSK	50	50	15.89	15.97	15.91	15.96	
20	QPSK	100	0	15.94	16.02	15.96	16.01	
20	16QAM	1	0	15.97	16.05	15.99	16.04	16.5
20	16QAM	1	49	15.86	15.94	15.88	15.93	
20	16QAM	1	99	15.72	15.80	15.74	15.79	
20	16QAM	50	0	14.89	14.97	14.91	14.96	15.5
20	16QAM	50	24	14.95	15.03	14.97	15.02	
20	16QAM	50	50	14.89	14.97	14.91	14.96	
20	16QAM	100	0	14.95	15.03	14.97	15.02	
20	64QAM	1	0	14.92	15.00	14.94	14.99	15.5
20	64QAM	1	49	14.75	14.83	14.77	14.82	
20	64QAM	1	99	14.63	14.71	14.65	14.70	
20	64QAM	50	0	13.89	13.97	13.91	13.96	14.5
20	64QAM	50	24	13.94	14.02	13.96	14.01	
20	64QAM	50	50	13.86	13.94	13.88	13.93	
20	64QAM	100	0	13.93	14.01	13.95	14.00	
20	256QAM	1	0	12.03	12.11	12.05	12.10	12.5
20	256QAM	1	49	11.90	11.98	11.92	11.97	
20	256QAM	1	99	11.85	11.93	11.87	11.92	
20	256QAM	50	0	12.07	12.15	12.09	12.14	12.5
20	256QAM	50	24	12.01	12.09	12.03	12.08	
20	256QAM	50	50	12.04	12.12	12.06	12.11	
20	256QAM	100	0	12.06	12.14	12.08	12.12	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	16.92	16.97	16.95	16.94	17.5
15	QPSK	1	37	16.77	16.85	16.83	16.86	
15	QPSK	1	74	16.64	16.68	16.63	16.72	
15	QPSK	36	0	15.87	15.97	15.90	15.92	16.5
15	QPSK	36	20	15.82	15.90	15.84	15.87	
15	QPSK	36	39	15.84	15.93	15.82	15.87	
15	QPSK	75	0	15.86	15.96	15.89	15.94	
15	16QAM	1	0	15.94	15.96	15.94	15.95	16.5

15	16QAM	1	37	15.82	15.88	15.79	15.87	
15	16QAM	1	74	15.66	15.72	15.63	15.71	
15	16QAM	36	0	14.84	14.92	14.81	14.87	15.5
15	16QAM	36	20	14.87	15.00	14.88	14.92	
15	16QAM	36	39	14.82	14.93	14.84	14.92	
15	16QAM	75	0	14.85	15.00	14.89	14.97	
15	64QAM	1	0	14.88	14.96	14.83	14.96	15.5
15	64QAM	1	37	14.71	14.74	14.74	14.77	
15	64QAM	1	74	14.59	14.68	14.58	14.59	
15	64QAM	36	0	13.80	13.88	13.86	13.89	14.5
15	64QAM	36	20	13.88	13.95	13.91	13.96	
15	64QAM	36	39	13.81	13.89	13.78	13.84	
15	64QAM	75	0	13.86	13.97	13.87	13.94	
15	256QAM	1	0	11.98	12.03	11.98	12.06	12.5
15	256QAM	1	37	11.85	11.91	11.82	11.87	
15	256QAM	1	74	11.78	11.89	11.83	11.84	
15	256QAM	36	0	12.01	12.06	11.98	12.07	12.5
15	256QAM	36	20	11.96	12.04	11.94	11.99	
15	256QAM	36	39	11.93	12.08	11.96	12.00	
15	256QAM	75	0	11.95	12.11	12.04	12.07	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	16.86	17.00	16.93	16.96	17.5
10	QPSK	1	25	16.78	16.81	16.79	16.82	
10	QPSK	1	49	16.64	16.74	16.69	16.73	
10	QPSK	25	0	15.84	16.00	15.89	15.94	16.5
10	QPSK	25	12	15.83	15.90	15.89	15.90	
10	QPSK	25	25	15.78	15.90	15.83	15.86	
10	QPSK	50	0	15.83	15.93	15.85	15.92	
10	16QAM	1	0	15.90	15.98	15.88	15.97	16.5
10	16QAM	1	25	15.76	15.88	15.84	15.88	
10	16QAM	1	49	15.68	15.72	15.71	15.74	
10	16QAM	25	0	14.81	14.86	14.84	14.85	15.5
10	16QAM	25	12	14.86	15.00	14.89	14.96	
10	16QAM	25	25	14.86	14.89	14.86	14.85	
10	16QAM	50	0	14.84	15.00	14.93	14.95	
10	64QAM	1	0	14.85	14.93	14.86	14.92	15.5
10	64QAM	1	25	14.71	14.76	14.74	14.75	
10	64QAM	1	49	14.53	14.64	14.55	14.61	
10	64QAM	25	0	13.81	13.92	13.81	13.85	14.5
10	64QAM	25	12	13.84	13.95	13.91	13.95	
10	64QAM	25	25	13.83	13.89	13.79	13.84	
10	64QAM	50	0	13.90	13.97	13.84	13.91	
10	256QAM	1	0	11.92	12.06	12.01	12.03	12.5
10	256QAM	1	25	11.81	11.95	11.82	11.94	
10	256QAM	1	49	11.80	11.85	11.81	11.83	
10	256QAM	25	0	12.04	12.11	12.04	12.08	12.5
10	256QAM	25	12	11.92	12.04	12.00	11.98	
10	256QAM	25	25	12.00	12.09	12.02	12.06	
10	256QAM	50	0	12.03	12.10	12.04	12.02	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	16.87	17.02	16.91	16.96	17.5
5	QPSK	1	12	16.78	16.82	16.75	16.88	
5	QPSK	1	24	16.65	16.74	16.69	16.69	
5	QPSK	12	0	15.87	15.97	15.89	15.93	16.5
5	QPSK	12	7	15.87	15.93	15.85	15.89	
5	QPSK	12	13	15.82	15.86	15.87	15.89	
5	QPSK	25	0	15.83	15.95	15.93	15.97	
5	16QAM	1	0	15.86	15.99	15.95	15.97	16.5
5	16QAM	1	12	15.77	15.89	15.82	15.86	
5	16QAM	1	24	15.63	15.72	15.63	15.75	
5	16QAM	12	0	14.78	14.94	14.87	14.87	15.5

5	16QAM	12	7	14.92	14.94	14.94	14.96	
5	16QAM	12	13	14.84	14.90	14.86	14.93	
5	16QAM	25	0	14.84	15.00	14.87	14.94	
5	64QAM	1	0	14.88	14.90	14.87	14.90	15.5
5	64QAM	1	12	14.68	14.79	14.71	14.74	
5	64QAM	1	24	14.52	14.61	14.62	14.62	
5	64QAM	12	0	13.78	13.90	13.82	13.88	14.5
5	64QAM	12	7	13.86	13.98	13.87	13.91	
5	64QAM	12	13	13.76	13.86	13.84	13.88	
5	64QAM	25	0	13.90	13.97	13.91	13.95	
5	256QAM	1	0	11.96	12.02	11.94	12.07	12.5
5	256QAM	1	12	11.82	11.95	11.89	11.86	
5	256QAM	1	24	11.82	11.88	11.79	11.81	
5	256QAM	12	0	11.99	12.04	12.04	12.05	12.5
5	256QAM	12	7	11.94	11.98	11.99	11.99	
5	256QAM	12	13	11.98	12.09	11.99	12.00	
5	256QAM	25	0	11.97	12.06	11.98	12.08	

<FR1 n2_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	16.97	17.00	16.98	17.5
20	PI/2 BPSK	1	53	16.57	16.59	16.60	
20	PI/2 BPSK	1	104	16.72	16.73	16.70	
20	PI/2 BPSK	50	0	16.56	16.57	16.54	17.5
20	PI/2 BPSK	50	28	16.84	16.85	16.81	17.5
20	PI/2 BPSK	50	56	16.69	16.70	16.71	17.5
20	PI/2 BPSK	100	0	16.78	16.80	16.79	
20	QPSK	1	1	16.93	16.91	16.90	17.5
20	QPSK	1	53	16.54	16.55	16.55	
20	QPSK	1	104	16.63	16.63	16.63	
20	QPSK	50	0	16.51	16.53	16.54	17.5
20	QPSK	50	28	16.79	16.78	16.76	17.5
20	QPSK	50	56	16.66	16.65	16.64	17.5
20	QPSK	100	0	16.80	16.78	16.76	
20	16QAM	1	1	16.58	16.57	16.58	17.5
20	64QAM	1	1	16.96	16.94	16.92	17.5
20	256QAM	1	1	16.90	16.91	16.89	17.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	16.92	16.92	16.91	17.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	16.93	16.91	16.90	17.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	16.95	16.88	16.93	17.5

<FR1 n2_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.28	19.52	19.30	20.0
20	PI/2 BPSK	1	53	18.94	19.18	18.96	
20	PI/2 BPSK	1	104	19.05	19.29	19.07	
20	PI/2 BPSK	50	0	18.93	19.17	18.95	20.0
20	PI/2 BPSK	50	28	19.16	19.40	19.18	20.0
20	PI/2 BPSK	50	56	19.05	19.29	19.07	20.0
20	PI/2 BPSK	100	0	19.15	19.39	19.17	
20	QPSK	1	1	18.92	19.16	18.94	20.0
20	QPSK	1	53	18.99	19.23	19.01	
20	QPSK	1	104	18.99	19.23	19.01	
20	QPSK	50	0	18.98	19.22	19.00	20.0
20	QPSK	50	28	18.96	19.20	18.98	20.0
20	QPSK	50	56	19.04	19.28	19.06	20.0
20	QPSK	100	0	19.08	19.32	19.10	
20	16QAM	1	1	19.04	19.28	19.06	20.0
20	64QAM	1	1	19.25	19.49	19.27	20.0
20	256QAM	1	1	18.89	19.13	18.91	20.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.04	19.07	19.12	20.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.10	19.08	19.12	20.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.13	19.09	19.06	20.0

<FR1 n5_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	17.46	17.56	17.47	18
20	PI/2 BPSK	1	53	17.00	17.05	16.96	
20	PI/2 BPSK	1	104	17.15	17.22	17.11	
20	PI/2 BPSK	50	0	17.00	17.09	17.01	18.0
20	PI/2 BPSK	50	28	17.27	17.34	17.24	18.0
20	PI/2 BPSK	50	56	17.14	17.22	17.15	18.0
20	PI/2 BPSK	100	0	17.24	17.33	17.23	
20	QPSK	1	1	17.36	17.44	17.35	18
20	QPSK	1	53	16.99	17.04	17.00	
20	QPSK	1	104	17.05	17.13	17.05	
20	QPSK	50	0	16.95	17.03	16.96	18.0
20	QPSK	50	28	17.24	17.33	17.24	18.0
20	QPSK	50	56	17.12	17.22	17.13	18.0
20	QPSK	100	0	17.25	17.35	17.24	
20	16QAM	1	1	17.04	17.12	17.05	18.0
20	64QAM	1	1	17.41	17.51	17.38	18.0
20	256QAM	1	1	17.32	17.38	17.29	18.0
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	17.41	17.49	17.37	18.0
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	17.40	17.47	17.39	18.0
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	17.41	17.51	17.38	18.0

<FR1 n7_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	16.05	16.22	16.01	16.5
40	PI/2 BPSK	1	108	15.85	16.07	15.82	
40	PI/2 BPSK	1	214	15.73	15.92	15.68	
40	PI/2 BPSK	108	0	15.79	15.97	15.76	16.5
40	PI/2 BPSK	108	54	15.95	16.14	15.90	16.5
40	PI/2 BPSK	108	108	15.67	15.88	15.62	16.5
40	PI/2 BPSK	216	0	15.65	15.87	15.61	
40	QPSK	1	1	15.90	16.07	15.86	16.5
40	QPSK	1	108	15.83	16.03	15.80	
40	QPSK	1	214	15.81	15.98	15.75	
40	QPSK	108	0	15.90	16.08	15.84	16.5
40	QPSK	108	54	15.74	15.93	15.67	16.5
40	QPSK	108	108	15.80	15.99	15.75	16.5
40	QPSK	216	0	15.70	15.88	15.63	
40	16QAM	1	1	15.78	15.97	15.74	16.5
40	64QAM	1	1	15.89	16.08	15.87	16.5
40	256QAM	1	1	15.96	16.15	15.94	16.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	15.99	16.15	15.96	16.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	15.96	16.12	15.94	16.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	15.96	16.12	15.93	16.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	15.96	16.13	15.92	16.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	16.00	16.15	15.93	16.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	15.97	16.16	15.91	16.5

<FR1 n7_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				504000	507000	510000	
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.92	19.93	19.90	20.5
40	PI/2 BPSK	1	108	19.79	19.81	19.77	
40	PI/2 BPSK	1	214	19.84	19.86	19.82	
40	PI/2 BPSK	108	0	19.79	19.81	19.77	20.5
40	PI/2 BPSK	108	54	19.90	19.92	19.88	20.5
40	PI/2 BPSK	108	108	19.83	19.85	19.81	20.5
40	PI/2 BPSK	216	0	19.80	19.82	19.78	
40	QPSK	1	1	19.90	19.92	19.88	20.5
40	QPSK	1	108	19.81	19.83	19.79	
40	QPSK	1	214	19.90	19.92	19.88	
40	QPSK	108	0	19.85	19.87	19.83	20.5
40	QPSK	108	54	19.82	19.84	19.80	20.5
40	QPSK	108	108	19.89	19.91	19.87	20.5
40	QPSK	216	0	19.78	19.80	19.76	
40	16QAM	1	1	19.88	19.90	19.86	20.5
40	64QAM	1	1	19.87	19.89	19.85	20.5
40	256QAM	1	1	19.29	19.31	19.27	20.5
Channel				503000	507000	511000	Tune-up limit (dBm)
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.86	19.85	19.82	20.5
Channel				502500	507000	511500	Tune-up limit (dBm)
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.87	19.86	19.85	20.5
Channel				502000	507000	512000	Tune-up limit (dBm)
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.84	19.87	19.80	20.5
Channel				501500	507000	512500	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.84	19.88	19.83	20.5
Channel				501000	507000	513000	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.87	19.86	19.81	20.5
Channel				500500	507000	513500	Tune-up limit (dBm)
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.87	19.83	19.85	20.5

<FR1 n12_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	18.93	18.97	18.89	19.5
15	PI/2 BPSK	1	40	18.76	18.78	18.75	
15	PI/2 BPSK	1	77	18.66	18.68	18.64	
15	PI/2 BPSK	36	0	18.65	18.70	18.64	19.5
15	PI/2 BPSK	36	22	18.83	18.91	18.83	19.5
15	PI/2 BPSK	36	43	18.59	18.65	18.58	19.5
15	PI/2 BPSK	75	0	18.56	18.60	18.53	
15	QPSK	1	1	18.72	18.76	18.73	19.5
15	QPSK	1	40	18.78	18.78	18.74	
15	QPSK	1	77	18.69	18.71	18.67	
15	QPSK	36	0	18.75	18.79	18.75	19.5
15	QPSK	36	22	18.63	18.68	18.64	19.5
15	QPSK	36	43	18.68	18.77	18.69	19.5
15	QPSK	75	0	18.57	18.61	18.56	
15	16QAM	1	1	18.65	18.71	18.64	19.5
15	64QAM	1	1	18.76	18.82	18.76	19.5
15	256QAM	1	1	18.73	18.80	18.74	19.5
Channel				140800	141500	142200	Tune-up limit (dBm)
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	18.88	18.89	18.82	19.5
Channel				140300	141500	142700	Tune-up limit (dBm)
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	18.87	18.92	18.81	19.5

<FR1 n13_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					156400		
Frequency (MHz)					782		
10	PI/2 BPSK	1	1		18.32		19.0
10	PI/2 BPSK	1	26		18.16		
10	PI/2 BPSK	1	50		18.06		
10	PI/2 BPSK	25	0		18.02		19.0
10	PI/2 BPSK	25	14		18.26		19.0
10	PI/2 BPSK	25	27		17.97		19.0
10	PI/2 BPSK	50	0		17.91		
10	QPSK	1	1		18.15		19.0
10	QPSK	1	26		18.13		
10	QPSK	1	50		18.06		
10	QPSK	25	0		18.14		19.0
10	QPSK	25	14		18.07		19.0
10	QPSK	25	27		18.12		19.0
10	QPSK	50	0		17.94		
10	16QAM	1	1		18.07		19.0
10	64QAM	1	1		18.16		19.0
10	256QAM	1	1		18.16		19.0
Channel				155900	156400	156900	Tune-up limit (dBm)
Frequency (MHz)				779.5	782	784.5	
5	PI/2 BPSK	1	1	18.27	18.30	18.25	19.0

<FR1 n14_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		18.35		18.5
10	PI/2 BPSK	1	26		18.21		
10	PI/2 BPSK	1	50		18.08		
10	PI/2 BPSK	25	0		18.10		18.5
10	PI/2 BPSK	25	14		18.25		18.5
10	PI/2 BPSK	25	27		18.02		18.5
10	PI/2 BPSK	50	0		17.98		
10	QPSK	1	1		18.15		18.5
10	QPSK	1	26		18.17		
10	QPSK	1	50		18.11		
10	QPSK	25	0		18.18		18.5
10	QPSK	25	14		18.08		18.5
10	QPSK	25	27		18.13		18.5
10	QPSK	50	0		17.98		
10	16QAM	1	1		18.07		18.5
10	64QAM	1	1		18.21		18.5
10	256QAM	1	1		18.18		18.5
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	18.21	18.24	18.15	18.5

<FR1 n25_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	16.76	16.89	16.88	17.5
40	PI/2 BPSK	1	108	16.33	16.46	16.40	
40	PI/2 BPSK	1	214	16.47	16.61	16.55	
40	PI/2 BPSK	108	0	16.31	16.45	16.44	17.5
40	PI/2 BPSK	108	54	16.57	16.71	16.70	17.5
40	PI/2 BPSK	108	108	16.41	16.58	16.57	17.5
40	PI/2 BPSK	216	0	16.55	16.66	16.62	
40	QPSK	1	1	16.66	16.80	16.81	17.5
40	QPSK	1	108	16.29	16.40	16.38	
40	QPSK	1	214	16.34	16.51	16.50	
40	QPSK	108	0	16.22	16.39	16.36	17.5
40	QPSK	108	54	16.53	16.66	16.64	17.5
40	QPSK	108	108	16.39	16.54	16.49	17.5
40	QPSK	216	0	16.56	16.68	16.63	
40	16QAM	1	1	16.30	16.46	16.43	17.5
40	64QAM	1	1	16.67	16.80	16.83	17.5
40	256QAM	1	1	16.62	16.78	16.75	17.5
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	16.67	16.83	16.83	17.5
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	16.66	16.83	16.82	17.5
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	16.70	16.83	16.81	17.5
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	16.71	16.79	16.80	17.5
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	16.67	16.79	16.80	17.5
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	16.66	16.81	16.81	17.5

<FR1 n25_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.29	19.54	19.35	20.0
40	PI/2 BPSK	1	108	19.01	19.26	19.07	
40	PI/2 BPSK	1	214	19.02	19.27	19.08	
40	PI/2 BPSK	108	0	18.95	19.20	19.01	20.0
40	PI/2 BPSK	108	54	19.03	19.28	19.09	20.0
40	PI/2 BPSK	108	108	18.99	19.24	19.05	20.0
40	PI/2 BPSK	216	0	19.02	19.27	19.08	
40	QPSK	1	1	19.01	19.26	19.07	20.0
40	QPSK	1	108	19.00	19.25	19.06	
40	QPSK	1	214	18.99	19.24	19.05	
40	QPSK	108	0	18.91	19.16	18.97	20.0
40	QPSK	108	54	18.95	19.20	19.01	20.0
40	QPSK	108	108	19.03	19.28	19.09	20.0
40	QPSK	216	0	19.00	19.25	19.06	
40	16QAM	1	1	19.28	19.53	19.34	20.0
40	64QAM	1	1	19.28	19.53	19.34	20.0
40	256QAM	1	1	17.94	18.19	18.00	19.5
Channel				373000	376500	380000	Tune-up limit (dBm)
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.22	19.10	19.24	20.0
Channel				372500	376500	380500	Tune-up limit (dBm)
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.25	19.15	19.21	20.0
Channel				372000	376500	381000	Tune-up limit (dBm)
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.15	19.13	19.17	20.0
Channel				371500	376500	381500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.20	19.13	19.17	20.0
Channel				371000	376500	382000	Tune-up limit (dBm)
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.22	19.17	19.22	20.0
Channel				370500	376500	382500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.17	19.17	19.19	20.0

<FR1 n26_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				164800	166300	167800	
Frequency (MHz)				824	831.5	839	
20	PI/2 BPSK	1	1	17.27	17.50	17.41	18.0
20	PI/2 BPSK	1	53	17.16	17.41	17.30	
20	PI/2 BPSK	1	104	17.05	17.32	17.21	
20	PI/2 BPSK	50	0	17.05	17.30	17.19	18.0
20	PI/2 BPSK	50	28	17.23	17.47	17.35	18.0
20	PI/2 BPSK	50	56	17.00	17.25	17.16	18.0
20	PI/2 BPSK	100	0	16.99	17.22	17.13	
20	QPSK	1	1	17.11	17.39	17.27	18.0
20	QPSK	1	53	17.12	17.36	17.23	
20	QPSK	1	104	17.06	17.29	17.17	
20	QPSK	50	0	17.16	17.40	17.28	18.0
20	QPSK	50	28	17.01	17.29	17.16	18.0
20	QPSK	50	56	17.06	17.33	17.24	18.0
20	QPSK	100	0	17.00	17.24	17.13	
20	16QAM	1	1	17.09	17.32	17.21	18.0
20	64QAM	1	1	17.21	17.46	17.36	18.0
20	256QAM	1	1	17.14	17.40	17.30	18.0
Channel				164300	166300	168300	Tune-up limit (dBm)
Frequency (MHz)				821.5	831.5	841.5	
15	PI/2 BPSK	1	1	17.19	17.45	17.33	18.0
Channel				163800	166300	168800	Tune-up limit (dBm)
Frequency (MHz)				819	831.5	844	
10	PI/2 BPSK	1	1	17.18	17.42	17.34	18.0
Channel				163300	166300	169300	Tune-up limit (dBm)
Frequency (MHz)				816.5	831.5	846.5	
5	PI/2 BPSK	1	1	17.17	17.44	17.34	18.0

<FR1 n30_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		16.23		17.5
10	PI/2 BPSK	1	26		16.06		
10	PI/2 BPSK	1	50		15.98		
10	PI/2 BPSK	25	0		15.98		17.5
10	PI/2 BPSK	25	14		16.13		17.5
10	PI/2 BPSK	25	27		15.90		17.5
10	PI/2 BPSK	50	0		15.82		
10	QPSK	1	1		16.05		17.5
10	QPSK	1	26		16.03		
10	QPSK	1	50		15.97		
10	QPSK	25	0		16.08		17.5
10	QPSK	25	14		15.93		17.5
10	QPSK	25	27		15.98		17.5
10	QPSK	50	0		15.86		
10	16QAM	1	1		15.95		17.5
10	64QAM	1	1		16.07		17.5
10	256QAM	1	1		16.11		17.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	16.19	16.20	16.15	17.5

<FR1 n30_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		18.02		18.5
10	PI/2 BPSK	1	26		17.79		
10	PI/2 BPSK	1	50		17.72		
10	PI/2 BPSK	25	0		17.67		18.5
10	PI/2 BPSK	25	14		17.72		18.5
10	PI/2 BPSK	25	27		17.62		18.5
10	PI/2 BPSK	50	0		17.65		
10	QPSK	1	1		17.87		18.5
10	QPSK	1	26		17.84		
10	QPSK	1	50		17.80		
10	QPSK	25	0		17.65		18.5
10	QPSK	25	14		17.56		18.5
10	QPSK	25	27		17.59		18.5
10	QPSK	50	0		17.66		
10	16QAM	1	1		17.92		18.5
10	64QAM	1	1		18.01		18.5
10	256QAM	1	1		16.83		18.0
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.68	17.72	17.70	18.5

<FR1 n66_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.31	18.36	18.27	19.0
40	PI/2 BPSK	1	108	18.21	18.25	18.14	
40	PI/2 BPSK	1	214	18.08	18.16	18.07	
40	PI/2 BPSK	108	0	18.06	18.16	18.03	19.0
40	PI/2 BPSK	108	54	18.27	18.31	18.24	19.0
40	PI/2 BPSK	108	108	18.06	18.07	17.98	19.0
40	PI/2 BPSK	216	0	18.03	18.07	17.96	
40	QPSK	1	1	18.16	18.23	18.12	19.0
40	QPSK	1	108	18.13	18.20	18.09	
40	QPSK	1	214	18.10	18.14	18.03	
40	QPSK	108	0	18.19	18.21	18.14	19.0
40	QPSK	108	54	18.08	18.12	18.03	19.0
40	QPSK	108	108	18.14	18.16	18.05	19.0
40	QPSK	216	0	18.02	18.10	17.98	
40	16QAM	1	1	18.11	18.18	18.04	19.0
40	64QAM	1	1	18.23	18.30	18.23	19.0
40	256QAM	1	1	18.18	18.26	18.12	19.0
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.24	18.31	18.21	19.0
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.26	18.26	18.18	19.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.24	18.29	18.21	19.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.26	18.27	18.21	19.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.25	18.29	18.22	19.0

<FR1 n66_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.22	18.45	18.29	19.0
40	PI/2 BPSK	1	108	17.83	18.06	17.90	
40	PI/2 BPSK	1	214	17.81	18.04	17.88	
40	PI/2 BPSK	108	0	17.99	18.22	18.06	19.0
40	PI/2 BPSK	108	54	18.07	18.30	18.14	19.0
40	PI/2 BPSK	108	108	17.94	18.17	18.01	19.0
40	PI/2 BPSK	216	0	17.97	18.20	18.04	
40	QPSK	1	1	17.84	18.07	17.91	19.0
40	QPSK	1	108	17.85	18.08	17.92	
40	QPSK	1	214	17.74	17.97	17.81	
40	QPSK	108	0	18.13	18.36	18.20	19.0
40	QPSK	108	54	17.97	18.20	18.04	19.0
40	QPSK	108	108	17.91	18.14	17.98	19.0
40	QPSK	216	0	18.00	18.23	18.07	
40	16QAM	1	1	17.97	18.20	18.04	19.0
40	64QAM	1	1	18.18	18.41	18.25	19.0
40	256QAM	1	1	18.20	18.43	18.27	19.0
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.05	18.08	18.10	19.0
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.12	18.08	18.16	19.0
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.12	18.12	18.13	19.0
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.04	18.14	18.18	19.0
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.02	18.05	18.17	19.0

<FR1 n71_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	19.36	19.49	19.41	19.5
20	PI/2 BPSK	1	53	19.24	19.38	19.24	
20	PI/2 BPSK	1	104	19.15	19.29	19.15	
20	PI/2 BPSK	50	0	19.11	19.22	19.15	19.5
20	PI/2 BPSK	50	28	19.30	19.44	19.32	19.5
20	PI/2 BPSK	50	56	19.06	19.21	19.10	19.5
20	PI/2 BPSK	100	0	19.04	19.14	19.05	
20	QPSK	1	1	19.25	19.39	19.26	19.5
20	QPSK	1	53	19.22	19.37	19.23	
20	QPSK	1	104	19.14	19.28	19.16	
20	QPSK	50	0	19.24	19.39	19.27	19.5
20	QPSK	50	28	19.11	19.25	19.13	19.5
20	QPSK	50	56	19.17	19.30	19.17	19.5
20	QPSK	100	0	19.08	19.23	19.09	
20	16QAM	1	1	19.13	19.28	19.15	19.5
20	64QAM	1	1	19.27	19.37	19.30	19.5
20	256QAM	1	1	19.21	19.34	19.25	19.5
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	19.31	19.41	19.35	19.5
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	19.31	19.45	19.32	19.5
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	19.30	19.44	19.33	19.5

<FR1 n38_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	15.02	15.14	14.97	16.0
40	PI/2 BPSK	1	53	14.95	15.09	14.88	
40	PI/2 BPSK	1	104	14.93	15.06	14.84	
40	PI/2 BPSK	50	0	14.87	15.03	14.86	16.0
40	PI/2 BPSK	50	28	14.98	15.11	14.89	16.0
40	PI/2 BPSK	50	56	14.89	15.05	14.83	16.0
40	PI/2 BPSK	100	0	14.97	15.10	14.88	
40	QPSK	1	1	14.91	15.03	14.86	16.0
40	QPSK	1	53	14.80	14.95	14.77	
40	QPSK	1	104	14.85	15.01	14.84	
40	QPSK	50	0	14.81	14.94	14.74	16.0
40	QPSK	50	28	14.91	15.04	14.85	16.0
40	QPSK	50	56	14.76	14.92	14.71	16.0
40	QPSK	100	0	14.87	14.99	14.79	16.0
40	16QAM	1	1	14.80	14.94	14.72	16.0
40	64QAM	1	1	14.73	14.90	14.73	16.0
40	256QAM	1	1	14.95	15.07	14.89	16.0
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.94	15.04	14.87	16.0
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.93	15.05	14.92	16.0
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	14.94	15.09	14.90	16.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	14.97	15.07	14.87	16.0

<FR1 n38_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	16.64	16.69	16.60	17.0
40	PI/2 BPSK	1	53	16.46	16.52	16.41	
40	PI/2 BPSK	1	104	16.44	16.52	16.42	
40	PI/2 BPSK	50	0	16.48	16.53	16.43	17.0
40	PI/2 BPSK	50	28	16.57	16.65	16.55	17.0
40	PI/2 BPSK	50	56	16.51	16.57	16.47	17.0
40	PI/2 BPSK	100	0	16.55	16.62	16.50	
40	QPSK	1	1	16.45	16.50	16.39	17.0
40	QPSK	1	53	16.45	16.52	16.39	
40	QPSK	1	104	16.45	16.51	16.42	
40	QPSK	50	0	16.58	16.61	16.52	17.0
40	QPSK	50	28	16.53	16.60	16.50	17.0
40	QPSK	50	56	16.52	16.60	16.50	17.0
40	QPSK	100	0	16.55	16.60	16.50	17.0
40	16QAM	1	1	16.27	16.31	16.21	17.0
40	64QAM	1	1	16.45	16.48	16.43	17.0
40	256QAM	1	1	16.42	16.48	16.36	17.0
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	16.58	16.60	16.47	17.0
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	16.58	16.60	16.48	17.0
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	16.53	16.57	16.52	17.0
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	16.58	16.59	16.48	17.0

<FR1 n38_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	14.13	14.20	14.02	14.5
40	PI/2 BPSK	1	53	14.02	14.13	13.90	
40	PI/2 BPSK	1	104	13.93	14.06	13.88	
40	PI/2 BPSK	50	0	13.87	14.01	13.76	14.5
40	PI/2 BPSK	50	28	14.00	14.17	13.93	14.5
40	PI/2 BPSK	50	56	13.78	13.95	13.71	14.5
40	PI/2 BPSK	100	0	13.83	13.92	13.72	
40	QPSK	1	1	13.96	14.14	13.95	14.5
40	QPSK	1	53	13.93	14.10	13.88	
40	QPSK	1	104	13.93	14.02	13.79	
40	QPSK	50	0	13.91	14.11	13.90	14.5
40	QPSK	50	28	13.89	13.99	13.79	14.5
40	QPSK	50	56	13.94	14.05	13.84	14.5
40	QPSK	100	0	13.82	13.98	13.70	14.5
40	16QAM	1	1	13.90	14.03	13.77	14.5
40	64QAM	1	1	14.04	14.17	13.96	14.5
40	256QAM	1	1	13.96	14.15	13.89	14.5
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	14.06	14.11	13.97	14.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	14.04	14.11	13.95	14.5
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	14.08	14.11	13.97	14.5
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	14.04	14.11	13.95	14.5

<FR1 n38_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				518000	519000	520000	
Frequency (MHz)				2590	2595	2600	
40	PI/2 BPSK	1	1	18.05	18.26	17.89	18.5
40	PI/2 BPSK	1	53	17.89	18.11	17.88	
40	PI/2 BPSK	1	104	17.99	18.16	17.82	
40	PI/2 BPSK	50	0	17.81	17.97	17.61	18.5
40	PI/2 BPSK	50	28	18.00	18.24	17.87	18.5
40	PI/2 BPSK	50	56	17.67	18.07	17.65	18.5
40	PI/2 BPSK	100	0	17.74	18.02	17.64	
40	QPSK	1	1	17.82	18.13	17.81	18.5
40	QPSK	1	53	17.86	18.09	17.84	
40	QPSK	1	104	17.73	18.07	17.62	
40	QPSK	50	0	17.92	18.06	17.68	18.5
40	QPSK	50	28	17.87	17.98	17.78	18.5
40	QPSK	50	56	17.82	18.08	17.73	18.5
40	QPSK	100	0	17.65	18.00	17.71	18.5
40	16QAM	1	1	17.85	17.90	17.74	18.5
40	64QAM	1	1	18.03	18.20	17.91	18.5
40	256QAM	1	1	17.88	17.97	17.68	18.5
Channel				517000	519000	521000	Tune-up limit (dBm)
Frequency (MHz)				2585	2595	2605	
30	PI/2 BPSK	1	1	17.99	18.18	17.83	18.5
Channel				516000	519000	522000	Tune-up limit (dBm)
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.96	18.17	17.80	18.5
Channel				515500	519000	522500	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	PI/2 BPSK	1	1	17.97	18.20	17.79	18.5
Channel				515000	519000	523000	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	PI/2 BPSK	1	1	18.00	18.21	17.79	18.5

<FR1 n41_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	15.05	15.16	15.00	16.0
100	PI/2 BPSK	1	137	15.01	15.11	14.93	
100	PI/2 BPSK	1	271	15.03	15.12	14.91	
100	PI/2 BPSK	135	0	15.03	15.08	14.92	16.0
100	PI/2 BPSK	135	69	15.04	15.13	14.97	16.0
100	PI/2 BPSK	135	138	14.98	15.10	14.91	16.0
100	PI/2 BPSK	270	0	15.02	15.12	14.96	
100	QPSK	1	1	14.99	15.09	14.93	16.0
100	QPSK	1	137	14.88	15.00	14.86	
100	QPSK	1	271	14.92	15.03	14.85	
100	QPSK	135	0	14.92	15.01	14.84	16.0
100	QPSK	135	69	14.93	15.06	14.85	16.0
100	QPSK	135	138	14.89	14.99	14.82	16.0
100	QPSK	270	0	14.96	15.04	14.90	16.0
100	16QAM	1	1	14.86	14.97	14.80	16.0
100	64QAM	1	1	14.88	14.95	14.82	16.0
100	256QAM	1	1	15.06	15.13	14.95	16.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.99	15.06	14.92	16.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.95	15.11	14.92	16.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	14.99	15.08	14.94	16.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	15.00	15.09	14.90	16.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.96	15.07	14.92	16.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	14.97	15.06	14.93	16.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.98	15.07	14.91	16.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	15.00	15.08	14.91	16.0

<FR1 n41_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	16.67	16.72	16.61	17.0
100	PI/2 BPSK	1	137	16.51	16.56	16.42	
100	PI/2 BPSK	1	271	16.53	16.53	16.40	
100	PI/2 BPSK	135	0	16.53	16.53	16.44	17.0
100	PI/2 BPSK	135	69	16.63	16.69	16.53	17.0
100	PI/2 BPSK	135	138	16.58	16.59	16.44	17.0
100	PI/2 BPSK	270	0	16.57	16.65	16.52	
100	QPSK	1	1	16.49	16.51	16.42	17.0
100	QPSK	1	137	16.54	16.54	16.41	
100	QPSK	1	271	16.49	16.54	16.40	
100	QPSK	135	0	16.63	16.68	16.55	17.0
100	QPSK	135	69	16.59	16.61	16.53	17.0
100	QPSK	135	138	16.61	16.59	16.52	17.0
100	QPSK	270	0	16.59	16.62	16.49	17.0
100	16QAM	1	1	16.33	16.36	16.24	17.0
100	64QAM	1	1	16.53	16.52	16.42	17.0
100	256QAM	1	1	16.46	16.52	16.39	17.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	16.59	16.64	16.50	17.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	16.61	16.63	16.51	17.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	16.63	16.62	16.50	17.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	16.59	16.61	16.54	17.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	16.62	16.63	16.52	17.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	16.59	16.64	16.49	17.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	16.62	16.60	16.51	17.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	16.62	16.62	16.49	17.0

<FR1 n41_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	14.12	14.23	14.04	14.5
100	PI/2 BPSK	1	137	14.06	14.14	13.96	
100	PI/2 BPSK	1	271	14.03	14.09	13.91	
100	PI/2 BPSK	135	0	13.93	14.00	13.81	14.5
100	PI/2 BPSK	135	69	14.08	14.18	13.96	14.5
100	PI/2 BPSK	135	138	13.91	13.97	13.82	14.5
100	PI/2 BPSK	270	0	13.91	13.97	13.81	
100	QPSK	1	1	14.05	14.13	13.93	14.5
100	QPSK	1	137	14.02	14.10	13.90	
100	QPSK	1	271	13.99	14.06	13.87	
100	QPSK	135	0	14.02	14.11	13.93	14.5
100	QPSK	135	69	13.94	14.04	13.82	14.5
100	QPSK	135	138	13.97	14.07	13.86	14.5
100	QPSK	270	0	13.91	13.97	13.81	14.5
100	16QAM	1	1	13.98	14.05	13.85	14.5
100	64QAM	1	1	14.09	14.20	13.96	14.5
100	256QAM	1	1	14.03	14.14	13.92	14.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	14.06	14.17	13.98	14.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	14.03	14.14	13.98	14.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	14.07	14.18	13.96	14.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	14.07	14.18	13.95	14.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	14.05	14.18	13.95	14.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)							
40	PI/2 BPSK	1	1	14.06	14.18	13.94	14.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	14.02	14.16	13.99	14.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	14.07	14.19	14.01	14.5

<FR1 n41_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.11	18.33	18.01	18.5
100	PI/2 BPSK	1	137	17.98	18.24	17.90	
100	PI/2 BPSK	1	271	18.01	18.25	17.86	
100	PI/2 BPSK	135	0	17.91	18.09	17.74	18.5
100	PI/2 BPSK	135	69	18.02	18.29	17.97	18.5
100	PI/2 BPSK	135	138	17.87	18.08	17.72	18.5
100	PI/2 BPSK	270	0	17.84	18.12	17.79	
100	QPSK	1	1	17.98	18.24	17.88	18.5
100	QPSK	1	137	17.98	18.16	17.88	
100	QPSK	1	271	17.93	18.15	17.79	
100	QPSK	135	0	17.98	18.19	17.87	18.5
100	QPSK	135	69	17.92	18.09	17.80	18.5
100	QPSK	135	138	17.93	18.10	17.82	18.5
100	QPSK	270	0	17.85	18.07	17.75	18.5
100	16QAM	1	1	17.92	17.97	17.84	18.5
100	64QAM	1	1	18.04	18.30	17.91	18.5
100	256QAM	1	1	17.95	18.09	17.87	18.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.03	18.14	17.92	18.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.03	18.11	17.92	18.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	18.03	18.14	17.95	18.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.03	18.15	17.92	18.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.03	18.14	17.96	18.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.06	18.13	17.91	18.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.03	18.17	17.95	18.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.03	18.17	17.91	18.5

<FR1 n41_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.95	18.09	17.92	19.0
100	PI/2 BPSK	1	137	17.88	18.06	17.81	
100	PI/2 BPSK	1	271	17.93	18.07	17.86	
100	PI/2 BPSK	135	0	17.91	18.00	17.79	19.0
100	PI/2 BPSK	135	69	17.92	18.08	17.82	19.0
100	PI/2 BPSK	135	138	17.89	17.99	17.81	19.0
100	PI/2 BPSK	270	0	17.87	18.07	17.95	
100	QPSK	1	1	17.94	18.00	17.84	19.0
100	QPSK	1	137	17.76	17.91	17.80	
100	QPSK	1	271	17.85	17.95	17.73	
100	QPSK	135	0	17.87	17.88	17.76	19.0
100	QPSK	135	69	17.82	17.98	17.80	19.0
100	QPSK	135	138	17.80	17.88	17.69	19.0
100	QPSK	270	0	17.87	17.93	17.80	19.0
100	16QAM	1	1	17.76	17.83	17.72	19.0
100	64QAM	1	1	17.74	17.81	17.74	19.0
100	256QAM	1	1	18.00	18.08	17.87	19.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.85	17.99	17.83	19.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.85	17.99	17.85	19.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.87	18.02	17.83	19.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.83	18.02	17.82	19.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.88	18.04	17.87	19.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.87	17.99	17.85	19.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.87	18.00	17.87	19.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.84	18.04	17.85	19.0

<FR1 n41_HPUE_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	19.18	19.29	19.18	20.0
100	PI/2 BPSK	1	137	19.03	19.14	18.99	
100	PI/2 BPSK	1	271	19.01	19.11	18.99	
100	PI/2 BPSK	135	0	19.00	19.11	19.03	20.0
100	PI/2 BPSK	135	69	19.14	19.26	19.17	20.0
100	PI/2 BPSK	135	138	19.07	19.14	19.04	20.0
100	PI/2 BPSK	270	0	19.08	19.23	19.12	
100	QPSK	1	1	18.99	19.11	18.99	20.0
100	QPSK	1	137	19.00	19.12	19.00	
100	QPSK	1	271	19.01	19.12	19.03	
100	QPSK	135	0	19.12	19.23	19.12	20.0
100	QPSK	135	69	19.11	19.21	19.09	20.0
100	QPSK	135	138	19.10	19.22	19.10	20.0
100	QPSK	270	0	19.12	19.22	19.12	20.0
100	16QAM	1	1	18.83	18.93	18.83	20.0
100	64QAM	1	1	19.04	19.15	19.01	20.0
100	256QAM	1	1	18.96	19.10	18.95	20.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	19.12	19.20	19.12	20.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	19.12	19.20	19.12	20.0
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	19.12	19.24	19.13	20.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	19.09	19.24	19.13	20.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	19.12	19.20	19.10	20.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	19.08	19.19	19.09	20.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	19.10	19.19	19.10	20.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	19.12	19.21	19.11	20.0

<FR1 n41_HPUE_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.13	17.20	17.03	17.5
100	PI/2 BPSK	1	137	16.98	17.00	16.85	
100	PI/2 BPSK	1	271	16.95	17.02	16.85	
100	PI/2 BPSK	135	0	16.89	16.96	16.75	17.5
100	PI/2 BPSK	135	69	17.04	17.06	16.92	17.5
100	PI/2 BPSK	135	138	16.91	16.93	16.80	17.5
100	PI/2 BPSK	270	0	16.88	16.92	16.75	
100	QPSK	1	1	17.01	17.05	16.91	17.5
100	QPSK	1	137	17.02	17.04	16.88	
100	QPSK	1	271	16.96	16.98	16.85	
100	QPSK	135	0	16.96	17.03	16.81	17.5
100	QPSK	135	69	16.89	16.93	16.75	17.5
100	QPSK	135	138	16.94	16.98	16.79	17.5
100	QPSK	270	0	16.87	16.94	16.72	17.5
100	16QAM	1	1	16.90	16.92	16.75	17.5
100	64QAM	1	1	17.04	17.11	16.94	17.5
100	256QAM	1	1	17.01	17.03	16.90	17.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.03	17.14	16.98	17.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.07	17.15	16.95	17.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	17.04	17.15	16.98	17.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.04	17.12	16.96	17.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.07	17.10	16.96	17.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.08	17.11	16.93	17.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.04	17.11	16.98	17.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.05	17.11	16.96	17.5

<FR1 n41_HPUE_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.23	21.25	20.99	21.5
100	PI/2 BPSK	1	137	21.11	21.18	20.89	
100	PI/2 BPSK	1	271	21.06	21.07	20.85	
100	PI/2 BPSK	135	0	21.08	21.11	20.75	21.5
100	PI/2 BPSK	135	69	21.15	21.19	20.87	21.5
100	PI/2 BPSK	135	138	21.00	20.98	20.73	21.5
100	PI/2 BPSK	270	0	21.03	21.05	20.69	
100	QPSK	1	1	21.14	21.14	20.92	21.5
100	QPSK	1	137	21.04	21.10	20.88	
100	QPSK	1	271	21.05	21.09	20.83	
100	QPSK	135	0	21.04	21.10	20.80	21.5
100	QPSK	135	69	21.03	21.03	20.74	21.5
100	QPSK	135	138	20.99	21.04	20.79	21.5
100	QPSK	270	0	21.00	20.99	20.71	21.5
100	16QAM	1	1	21.07	21.11	20.82	21.5
100	64QAM	1	1	21.13	21.19	20.89	21.5
100	256QAM	1	1	21.06	21.11	20.81	21.5
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.11	21.07	20.90	21.5
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.18	21.03	20.92	21.5
Channel				506202	518598	531000	Tune-up limit (dBm)
Frequency (MHz)				2531.01	2592.99	2655	
70	PI/2 BPSK	1	1	21.18	21.07	20.91	21.5
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.14	21.06	20.91	21.5
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.15	21.05	20.92	21.5
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.16	21.03	20.94	21.5
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.15	21.06	20.93	21.5
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.11	21.05	20.90	21.5

<FR1 n48_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	14.18	14.19	13.91	14.5
40	PI/2 BPSK	1	53	14.08	14.16	13.82	
40	PI/2 BPSK	1	104	14.05	14.12	13.77	
40	PI/2 BPSK	50	0	14.05	14.09	13.73	14.5
40	PI/2 BPSK	50	28	14.08	14.13	13.83	14.5
40	PI/2 BPSK	50	56	13.97	14.07	13.74	14.5
40	PI/2 BPSK	100	0	14.05	14.12	13.80	
40	QPSK	1	1	14.11	14.17	13.86	14.5
40	QPSK	1	53	13.94	13.98	13.66	
40	QPSK	1	104	13.99	14.02	13.72	
40	QPSK	50	0	13.89	13.94	13.60	14.5
40	QPSK	50	28	14.00	14.05	13.74	14.5
40	QPSK	50	56	13.85	13.93	13.60	14.5
40	QPSK	100	0	13.99	14.03	13.68	14.5
40	16QAM	1	1	14.06	14.18	13.85	14.5
40	64QAM	1	1	14.11	14.17	13.84	14.5
40	256QAM	1	1	14.08	14.15	13.83	14.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	14.10	14.11	13.81	14.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	14.12	14.13	13.86	14.5
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	14.12	14.11	13.83	14.5

<FR1 n48_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	16.49	16.50	16.49	17.0
40	PI/2 BPSK	1	53	16.34	16.48	16.29	
40	PI/2 BPSK	1	104	16.24	16.40	16.21	
40	PI/2 BPSK	50	0	16.26	16.36	16.19	17.0
40	PI/2 BPSK	50	28	16.27	16.38	16.21	17.0
40	PI/2 BPSK	50	56	16.20	16.30	16.18	17.0
40	PI/2 BPSK	100	0	16.22	16.37	16.20	
40	QPSK	1	1	16.33	16.46	16.26	17.0
40	QPSK	1	53	16.20	16.40	16.30	
40	QPSK	1	104	16.20	16.37	16.18	
40	QPSK	50	0	16.19	16.37	16.25	17.0
40	QPSK	50	28	16.13	16.32	16.15	17.0
40	QPSK	50	56	16.13	16.33	16.21	17.0
40	QPSK	100	0	16.25	16.41	16.28	17.0
40	16QAM	1	1	16.17	16.35	16.23	17.0
40	64QAM	1	1	16.28	16.40	16.22	17.0
40	256QAM	1	1	16.13	16.30	16.10	17.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	16.38	16.36	16.31	17.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	16.29	16.36	16.39	17.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	16.36	16.31	16.36	17.0

<FR1 n48_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	17.52	17.57	17.35	18.0
40	PI/2 BPSK	1	53	17.39	17.48	17.26	
40	PI/2 BPSK	1	104	17.34	17.42	17.15	
40	PI/2 BPSK	50	0	17.21	17.31	17.06	18.0
40	PI/2 BPSK	50	28	17.28	17.38	17.13	18.0
40	PI/2 BPSK	50	56	17.27	17.37	17.12	18.0
40	PI/2 BPSK	100	0	17.25	17.36	17.11	
40	QPSK	1	1	17.48	17.55	17.30	18.0
40	QPSK	1	53	17.39	17.47	17.22	
40	QPSK	1	104	17.33	17.41	17.19	
40	QPSK	50	0	17.30	17.37	17.10	18.0
40	QPSK	50	28	17.26	17.35	17.09	18.0
40	QPSK	50	56	17.21	17.30	17.03	18.0
40	QPSK	100	0	17.28	17.37	17.12	18.0
40	16QAM	1	1	17.02	17.10	16.86	18.0
40	64QAM	1	1	17.07	17.13	16.86	18.0
40	256QAM	1	1	16.98	17.03	16.76	18.0
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	17.47	17.49	17.28	18.0
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	17.45	17.48	17.29	18.0
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	17.42	17.49	17.27	18.0

<FR1 n48_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				638000	641666	645332	Tune-up limit (dBm)
Frequency (MHz)				3570	3624.99	3679.98	
40	PI/2 BPSK	1	1	14.80	14.82	14.44	15.5
40	PI/2 BPSK	1	53	14.66	14.72	14.37	
40	PI/2 BPSK	1	104	14.64	14.67	14.30	
40	PI/2 BPSK	50	0	14.49	14.57	14.16	15.5
40	PI/2 BPSK	50	28	14.73	14.78	14.35	15.5
40	PI/2 BPSK	50	56	14.51	14.58	14.17	15.5
40	PI/2 BPSK	100	0	14.53	14.60	14.17	
40	QPSK	1	1	14.70	14.81	14.41	15.5
40	QPSK	1	53	14.58	14.65	14.24	
40	QPSK	1	104	14.66	14.72	14.24	
40	QPSK	50	0	14.61	14.68	14.25	15.5
40	QPSK	50	28	14.57	14.58	14.15	15.5
40	QPSK	50	56	14.64	14.68	14.25	15.5
40	QPSK	100	0	14.49	14.55	14.15	15.5
40	16QAM	1	1	14.24	14.32	13.91	15.5
40	64QAM	1	1	14.72	14.80	14.40	15.5
40	256QAM	1	1	14.62	14.72	14.34	15.5
Channel				637668	641666	645666	Tune-up limit (dBm)
Frequency (MHz)				3565.02	3624.99	3684.99	
30	PI/2 BPSK	1	1	14.70	14.72	14.35	15.5
Channel				637334	641666	646000	Tune-up limit (dBm)
Frequency (MHz)				3560.01	3624.99	3690	
20	PI/2 BPSK	1	1	14.71	14.72	14.34	15.5
Channel				637000	641666	646332	Tune-up limit (dBm)
Frequency (MHz)				3555	3624.99	3694.98	
10	PI/2 BPSK	1	1	14.75	14.73	14.37	15.5

<FR1 n77_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	13.38	13.56	13.54	14.0
100	PI/2 BPSK	1	137	13.29	13.51	13.46	
100	PI/2 BPSK	1	271	13.31	13.51	13.46	
100	PI/2 BPSK	135	0	13.26	13.45	13.42	14.0
100	PI/2 BPSK	135	69	13.32	13.51	13.47	14.0
100	PI/2 BPSK	135	138	13.26	13.47	13.45	14.0
100	PI/2 BPSK	270	0	13.31	13.50	13.44	
100	QPSK	1	1	13.23	13.46	13.40	14.0
100	QPSK	1	137	13.19	13.38	13.31	
100	QPSK	1	271	13.21	13.42	13.38	
100	QPSK	135	0	13.22	13.41	13.36	14.0
100	QPSK	135	69	13.24	13.44	13.41	14.0
100	QPSK	135	138	13.19	13.38	13.36	14.0
100	QPSK	270	0	13.22	13.44	13.42	14.0
100	16QAM	1	1	13.14	13.33	13.27	14.0
100	64QAM	1	1	13.12	13.33	13.31	14.0
100	256QAM	1	1	13.32	13.52	13.45	14.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	13.34	13.53	13.50	14.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	13.36	13.55	13.49	14.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	13.36	13.54	13.53	14.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	13.38	13.54	13.51	14.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	13.36	13.53	13.51	14.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	13.35	13.52	13.49	14.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	13.34	13.51	13.54	14.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	13.36	13.51	13.51	14.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	13.35	13.55	13.53	14.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	13.36	13.53	13.49	14.0

<FR1 n77_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.83	16.06	15.86	17.0
100	PI/2 BPSK	1	137	15.73	15.98	15.74	
100	PI/2 BPSK	1	271	15.73	15.97	15.75	
100	PI/2 BPSK	135	0	15.69	15.95	15.75	17.0
100	PI/2 BPSK	135	69	15.74	16.02	15.78	17.0
100	PI/2 BPSK	135	138	15.68	15.91	15.68	17.0
100	PI/2 BPSK	270	0	15.73	16.01	15.76	
100	QPSK	1	1	15.80	16.03	15.80	17.0
100	QPSK	1	137	15.71	15.96	15.72	
100	QPSK	1	271	15.68	15.94	15.71	
100	QPSK	135	0	15.70	15.97	15.74	17.0
100	QPSK	135	69	15.70	15.94	15.69	17.0
100	QPSK	135	138	15.64	15.92	15.72	17.0
100	QPSK	270	0	15.69	15.96	15.73	17.0
100	16QAM	1	1	15.78	16.01	15.77	17.0
100	64QAM	1	1	15.75	16.03	15.82	17.0
100	256QAM	1	1	15.69	15.95	15.75	17.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.77	15.99	15.79	17.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	15.76	15.97	15.81	17.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.75	16.01	15.78	17.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.74	15.98	15.80	17.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.75	15.99	15.79	17.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.77	16.00	15.77	17.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	15.76	15.98	15.80	17.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.78	16.01	15.77	17.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	15.74	15.99	15.77	17.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.75	16.01	15.78	17.0

<FR1 n77_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	15.79	16.04	15.84	16.5
100	PI/2 BPSK	1	137	15.74	15.99	15.75	
100	PI/2 BPSK	1	271	15.72	15.98	15.74	
100	PI/2 BPSK	135	0	15.66	15.92	15.72	16.5
100	PI/2 BPSK	135	69	15.73	16.00	15.78	16.5
100	PI/2 BPSK	135	138	15.61	15.88	15.64	16.5
100	PI/2 BPSK	270	0	15.63	15.90	15.69	
100	QPSK	1	1	15.70	15.98	15.76	16.5
100	QPSK	1	137	15.62	15.87	15.67	
100	QPSK	1	271	15.64	15.94	15.74	
100	QPSK	135	0	15.71	15.96	15.76	16.5
100	QPSK	135	69	15.64	15.92	15.68	16.5
100	QPSK	135	138	15.62	15.89	15.68	16.5
100	QPSK	270	0	15.56	15.86	15.65	16.5
100	16QAM	1	1	15.63	15.89	15.68	16.5
100	64QAM	1	1	15.63	15.92	15.67	16.5
100	256QAM	1	1	15.52	15.78	15.53	16.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	15.71	15.97	15.76	16.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	15.70	15.95	15.79	16.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	15.73	15.97	15.74	16.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	15.72	15.94	15.75	16.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	15.69	15.97	15.77	16.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	15.71	15.98	15.74	16.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	15.71	15.96	15.78	16.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	15.72	15.98	15.75	16.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	15.72	15.95	15.76	16.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	15.73	15.96	15.74	16.5

<FR1 n77_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	14.34	14.52	14.45	15.5
100	PI/2 BPSK	1	137	14.15	14.36	14.29	
100	PI/2 BPSK	1	271	14.13	14.32	14.24	
100	PI/2 BPSK	135	0	14.01	14.24	14.15	15.5
100	PI/2 BPSK	135	69	14.23	14.43	14.32	15.5
100	PI/2 BPSK	135	138	14.04	14.26	14.16	15.5
100	PI/2 BPSK	270	0	14.01	14.20	14.09	
100	QPSK	1	1	14.24	14.47	14.40	15.5
100	QPSK	1	137	14.14	14.37	14.30	
100	QPSK	1	271	14.09	14.30	14.19	
100	QPSK	135	0	14.09	14.31	14.21	15.5
100	QPSK	135	69	14.07	14.27	14.19	15.5
100	QPSK	135	138	14.07	14.30	14.21	15.5
100	QPSK	270	0	14.00	14.19	14.08	15.5
100	16QAM	1	1	14.27	14.46	14.39	15.5
100	64QAM	1	1	14.25	14.47	14.38	15.5
100	256QAM	1	1	14.13	14.32	14.20	15.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	14.26	14.46	14.35	15.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	14.27	14.47	14.40	15.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	14.29	14.46	14.40	15.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	14.27	14.47	14.38	15.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	14.26	14.46	14.36	15.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	14.26	14.43	14.38	15.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	14.26	14.47	14.36	15.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	14.29	14.45	14.38	15.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	14.25	14.47	14.39	15.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	14.20	14.38	14.31	15.5

<FR1 n77_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	16.41	16.53	16.52	17.0
100	PI/2 BPSK	1	137	16.32	16.44	16.43	
100	PI/2 BPSK	1	271	16.32	16.49	16.42	
100	PI/2 BPSK	135	0	16.30	16.43	16.41	17.0
100	PI/2 BPSK	135	69	16.33	16.48	16.46	17.0
100	PI/2 BPSK	135	138	16.24	16.47	16.44	17.0
100	PI/2 BPSK	270	0	16.31	16.47	16.42	
100	QPSK	1	1	16.27	16.41	16.36	17.0
100	QPSK	1	137	16.20	16.36	16.28	
100	QPSK	1	271	16.21	16.39	16.37	
100	QPSK	135	0	16.24	16.37	16.35	17.0
100	QPSK	135	69	16.24	16.40	16.38	17.0
100	QPSK	135	138	16.22	16.34	16.29	17.0
100	QPSK	270	0	16.25	16.38	16.39	17.0
100	16QAM	1	1	16.12	16.29	16.24	17.0
100	64QAM	1	1	16.14	16.27	16.24	17.0
100	256QAM	1	1	16.33	16.47	16.41	17.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	16.35	16.46	16.45	17.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	16.35	16.45	16.47	17.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	16.35	16.46	16.46	17.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	16.33	16.44	16.47	17.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	16.31	16.48	16.42	17.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	16.31	16.43	16.42	17.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	16.35	16.46	16.44	17.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	16.34	16.44	16.42	17.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	16.31	16.44	16.46	17.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	16.32	16.48	16.44	17.0

<FR1 n77_HPUE_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.85	19.10	18.86	20.0
100	PI/2 BPSK	1	137	18.72	18.98	18.73	
100	PI/2 BPSK	1	271	18.74	18.96	18.73	
100	PI/2 BPSK	135	0	18.68	18.98	18.72	20.0
100	PI/2 BPSK	135	69	18.78	19.05	18.77	20.0
100	PI/2 BPSK	135	138	18.64	18.94	18.61	20.0
100	PI/2 BPSK	270	0	18.74	18.99	18.75	
100	QPSK	1	1	18.75	19.06	18.76	20.0
100	QPSK	1	137	18.72	18.97	18.70	
100	QPSK	1	271	18.67	19.00	18.71	
100	QPSK	135	0	18.69	18.99	18.72	20.0
100	QPSK	135	69	18.68	18.94	18.68	20.0
100	QPSK	135	138	18.70	18.93	18.69	20.0
100	QPSK	270	0	18.72	18.97	18.71	20.0
100	16QAM	1	1	18.79	19.04	18.76	20.0
100	64QAM	1	1	18.74	19.01	18.82	20.0
100	256QAM	1	1	18.73	18.97	18.74	20.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.80	19.02	18.81	20.0
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.77	19.02	18.81	20.0
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.76	19.02	18.78	20.0
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.78	19.02	18.77	20.0
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.80	19.02	18.78	20.0
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.77	19.04	18.80	20.0
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.77	19.01	18.81	20.0
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.79	19.04	18.80	20.0
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.80	19.03	18.79	20.0
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.80	19.04	18.80	20.0

<FR1 n77_HPUE_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	18.81	19.02	18.88	19.5
100	PI/2 BPSK	1	137	18.77	18.98	18.79	
100	PI/2 BPSK	1	271	18.73	18.96	18.73	
100	PI/2 BPSK	135	0	18.67	18.91	18.76	19.5
100	PI/2 BPSK	135	69	18.73	19.01	18.80	19.5
100	PI/2 BPSK	135	138	18.58	18.89	18.67	19.5
100	PI/2 BPSK	270	0	18.61	18.92	18.69	
100	QPSK	1	1	18.68	19.00	18.78	19.5
100	QPSK	1	137	18.64	18.91	18.69	
100	QPSK	1	271	18.63	18.92	18.74	
100	QPSK	135	0	18.70	18.93	18.81	19.5
100	QPSK	135	69	18.65	18.91	18.70	19.5
100	QPSK	135	138	18.61	18.86	18.70	19.5
100	QPSK	270	0	18.59	18.89	18.66	19.5
100	16QAM	1	1	18.64	18.90	18.70	19.5
100	64QAM	1	1	18.60	18.95	18.69	19.5
100	256QAM	1	1	18.55	18.81	18.52	19.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	18.71	18.94	18.82	19.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	18.74	18.96	18.82	19.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	18.73	18.94	18.81	19.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	18.76	18.93	18.80	19.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	18.76	18.95	18.82	19.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	18.74	18.93	18.82	19.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	18.72	18.97	18.81	19.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	18.72	18.93	18.78	19.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	18.74	18.92	18.78	19.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	18.75	18.97	18.83	19.5

<FR1 n77_HPUE_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				650000	656000	662000	
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	17.36	17.52	17.49	18.5
100	PI/2 BPSK	1	137	17.18	17.33	17.28	
100	PI/2 BPSK	1	271	17.14	17.27	17.23	
100	PI/2 BPSK	135	0	17.00	17.24	17.14	18.5
100	PI/2 BPSK	135	69	17.24	17.39	17.31	18.5
100	PI/2 BPSK	135	138	17.04	17.23	17.17	18.5
100	PI/2 BPSK	270	0	17.02	17.20	17.14	
100	QPSK	1	1	17.24	17.46	17.39	18.5
100	QPSK	1	137	17.12	17.33	17.35	
100	QPSK	1	271	17.06	17.30	17.18	
100	QPSK	135	0	17.09	17.29	17.22	18.5
100	QPSK	135	69	17.07	17.25	17.18	18.5
100	QPSK	135	138	17.05	17.27	17.20	18.5
100	QPSK	270	0	17.02	17.18	17.10	18.5
100	16QAM	1	1	17.26	17.41	17.42	18.5
100	64QAM	1	1	17.25	17.47	17.40	18.5
100	256QAM	1	1	17.16	17.32	17.25	18.5
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	17.29	17.44	17.39	18.5
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	17.27	17.46	17.43	18.5
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	17.26	17.42	17.39	18.5
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	17.26	17.46	17.41	18.5
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	17.31	17.42	17.42	18.5
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	17.29	17.43	17.43	18.5
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	17.31	17.46	17.39	18.5
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	17.31	17.46	17.40	18.5
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	17.28	17.46	17.39	18.5
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	17.28	17.43	17.43	18.5

<FR1 n77_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.71		14.0
100	PI/2 BPSK	1	137		13.61		
100	PI/2 BPSK	1	271		13.61		
100	PI/2 BPSK	135	0		13.60		14.0
100	PI/2 BPSK	135	69		13.63		14.0
100	PI/2 BPSK	135	138		13.61		14.0
100	PI/2 BPSK	270	0		13.62		
100	QPSK	1	1		13.58		14.0
100	QPSK	1	137		13.53		
100	QPSK	1	271		13.53		
100	QPSK	135	0		13.53		14.0
100	QPSK	135	69		13.56		14.0
100	QPSK	135	138		13.51		14.0
100	QPSK	270	0		13.54		14.0
100	16QAM	1	1		13.48		14.0
100	64QAM	1	1		13.43		14.0
100	256QAM	1	1		13.62		14.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.59	13.65	13.59	14.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.62	13.62	13.62	14.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.59	13.64	13.63	14.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.57	13.67	13.63	14.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.57	13.62	13.60	14.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.58	13.66	13.59	14.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.58	13.62	13.59	14.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.62	13.65	13.61	14.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.58	13.66	13.62	14.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.61	13.67	13.58	14.0

<FR1 n77_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.31		17.0
100	PI/2 BPSK	1	137		16.18		
100	PI/2 BPSK	1	271		16.18		
100	PI/2 BPSK	135	0		16.16		17.0
100	PI/2 BPSK	135	69		16.27		17.0
100	PI/2 BPSK	135	138		16.11		17.0
100	PI/2 BPSK	270	0		16.24		
100	QPSK	1	1		16.28		17.0
100	QPSK	1	137		16.16		
100	QPSK	1	271		16.16		
100	QPSK	135	0		16.20		17.0
100	QPSK	135	69		16.15		17.0
100	QPSK	135	138		16.16		17.0
100	QPSK	270	0		16.21		17.0
100	16QAM	1	1		16.24		17.0
100	64QAM	1	1		16.27		17.0
100	256QAM	1	1		16.19		17.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.24	16.29	16.21	17.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.19	16.20	16.12	17.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.15	16.20	16.15	17.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.15	16.22	16.16	17.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.18	16.21	16.14	17.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.19	16.24	16.15	17.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.19	16.20	16.14	17.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.18	16.22	16.12	17.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.15	16.23	16.14	17.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.15	16.24	16.13	17.0

<FR1 n77_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.33		16.5
100	PI/2 BPSK	1	137		16.26		
100	PI/2 BPSK	1	271		16.22		
100	PI/2 BPSK	135	0		16.21		16.5
100	PI/2 BPSK	135	69		16.28		16.5
100	PI/2 BPSK	135	138		16.16		16.5
100	PI/2 BPSK	270	0		16.15		
100	QPSK	1	1		16.25		16.5
100	QPSK	1	137		16.14		
100	QPSK	1	271		16.20		
100	QPSK	135	0		16.25		16.5
100	QPSK	135	69		16.21		16.5
100	QPSK	135	138		16.17		16.5
100	QPSK	270	0		16.14		16.5
100	16QAM	1	1		16.15		16.5
100	64QAM	1	1		16.18		16.5
100	256QAM	1	1		16.07		16.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.29	16.32	16.25	16.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.19	16.27	16.16	16.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.20	16.23	16.20	16.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.20	16.26	16.17	16.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.23	16.22	16.19	16.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.20	16.26	16.18	16.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.20	16.27	16.20	16.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.19	16.23	16.15	16.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.23	16.27	16.19	16.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.21	16.27	16.18	16.5

<FR1 n77_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		14.85		15.5
100	PI/2 BPSK	1	137		14.66		
100	PI/2 BPSK	1	271		14.63		
100	PI/2 BPSK	135	0		14.55		15.5
100	PI/2 BPSK	135	69		14.75		15.5
100	PI/2 BPSK	135	138		14.58		15.5
100	PI/2 BPSK	270	0		14.48		
100	QPSK	1	1		14.79		15.5
100	QPSK	1	137		14.65		
100	QPSK	1	271		14.60		
100	QPSK	135	0		14.62		15.5
100	QPSK	135	69		14.58		15.5
100	QPSK	135	138		14.58		15.5
100	QPSK	270	0		14.49		15.5
100	16QAM	1	1		14.76		15.5
100	64QAM	1	1		14.77		15.5
100	256QAM	1	1		14.60		15.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.76	14.76	14.74	15.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.75	14.77	14.75	15.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.74	14.73	14.75	15.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.76	14.77	14.77	15.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.73	14.76	14.73	15.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.73	14.75	14.73	15.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.78	14.74	14.74	15.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.75	14.76	14.76	15.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.76	14.76	14.78	15.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.77	14.73	14.74	15.5

<FR1 n77_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.74		17.0
100	PI/2 BPSK	1	137		16.63		
100	PI/2 BPSK	1	271		16.64		
100	PI/2 BPSK	135	0		16.63		17.0
100	PI/2 BPSK	135	69		16.67		17.0
100	PI/2 BPSK	135	138		16.65		17.0
100	PI/2 BPSK	270	0		16.66		
100	QPSK	1	1		16.60		17.0
100	QPSK	1	137		16.56		
100	QPSK	1	271		16.53		
100	QPSK	135	0		16.53		17.0
100	QPSK	135	69		16.58		17.0
100	QPSK	135	138		16.55		17.0
100	QPSK	270	0		16.56		17.0
100	16QAM	1	1		16.48		17.0
100	64QAM	1	1		16.46		17.0
100	256QAM	1	1		16.63		17.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.55	16.55	16.57	17.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.53	16.56	16.62	17.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.50	16.56	16.61	17.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.54	16.57	16.59	17.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.52	16.56	16.62	17.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.54	16.57	16.58	17.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.52	16.58	16.60	17.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.53	16.59	16.61	17.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.50	16.59	16.59	17.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.53	16.57	16.57	17.0

<FR1 n77_HPUE_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.28		20.0
100	PI/2 BPSK	1	137		19.18		
100	PI/2 BPSK	1	271		19.15		
100	PI/2 BPSK	135	0		19.15		20.0
100	PI/2 BPSK	135	69		19.23		20.0
100	PI/2 BPSK	135	138		19.12		20.0
100	PI/2 BPSK	270	0		19.22		
100	QPSK	1	1		19.20		20.0
100	QPSK	1	137		19.12		
100	QPSK	1	271		19.14		
100	QPSK	135	0		19.16		20.0
100	QPSK	135	69		19.13		20.0
100	QPSK	135	138		19.11		20.0
100	QPSK	270	0		19.17		20.0
100	16QAM	1	1		19.18		20.0
100	64QAM	1	1		19.18		20.0
100	256QAM	1	1		19.12		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.19	19.26	19.17	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.12	19.21	19.12	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.12	19.17	19.11	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.12	19.19	19.12	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.14	19.20	19.09	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.10	19.19	19.10	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.10	19.17	19.12	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.10	19.17	19.11	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.10	19.17	19.09	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.10	19.17	19.10	20.0

<FR1 n77_HPUE_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.30		19.5
100	PI/2 BPSK	1	137		19.23		
100	PI/2 BPSK	1	271		19.17		
100	PI/2 BPSK	135	0		19.15		19.5
100	PI/2 BPSK	135	69		19.26		19.5
100	PI/2 BPSK	135	138		19.12		19.5
100	PI/2 BPSK	270	0		19.08		
100	QPSK	1	1		19.21		19.5
100	QPSK	1	137		19.12		
100	QPSK	1	271		19.14		
100	QPSK	135	0		19.19		19.5
100	QPSK	135	69		19.17		19.5
100	QPSK	135	138		19.10		19.5
100	QPSK	270	0		19.08		19.5
100	16QAM	1	1		19.09		19.5
100	64QAM	1	1		19.15		19.5
100	256QAM	1	1		19.05		19.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.25	19.29	19.22	19.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.16	19.24	19.17	19.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.18	19.20	19.16	19.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.19	19.22	19.13	19.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.19	19.24	19.17	19.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.15	19.21	19.15	19.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.18	19.24	19.14	19.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.19	19.21	19.14	19.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.18	19.19	19.14	19.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.20	19.22	19.18	19.5

<FR1 n77_HPUE_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		17.94		18.5
100	PI/2 BPSK	1	137		17.72		
100	PI/2 BPSK	1	271		17.68		
100	PI/2 BPSK	135	0		17.59		18.5
100	PI/2 BPSK	135	69		17.79		18.5
100	PI/2 BPSK	135	138		17.63		18.5
100	PI/2 BPSK	270	0		17.57		
100	QPSK	1	1		17.86		18.5
100	QPSK	1	137		17.69		
100	QPSK	1	271		17.66		
100	QPSK	135	0		17.66		18.5
100	QPSK	135	69		17.66		18.5
100	QPSK	135	138		17.66		18.5
100	QPSK	270	0		17.56		18.5
100	16QAM	1	1		17.81		18.5
100	64QAM	1	1		17.83		18.5
100	256QAM	1	1		17.68		18.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.73	17.77	17.75	18.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.83	17.80	17.85	18.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.83	17.84	17.82	18.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.81	17.80	17.81	18.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.82	17.85	17.80	18.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	17.84	17.84	17.80	18.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.82	17.85	17.82	18.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.81	17.84	17.80	18.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.83	17.85	17.83	18.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.81	17.80	17.83	18.5

<FR1 n78_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		13.68		14.0
100	PI/2 BPSK	1	137		13.60		
100	PI/2 BPSK	1	271		13.58		
100	PI/2 BPSK	135	0		13.53		14.0
100	PI/2 BPSK	135	69		13.58		14.0
100	PI/2 BPSK	135	138		13.57		14.0
100	PI/2 BPSK	270	0		13.56		
100	QPSK	1	1		13.54		14.0
100	QPSK	1	137		13.45		
100	QPSK	1	271		13.51		
100	QPSK	135	0		13.53		14.0
100	QPSK	135	69		13.55		14.0
100	QPSK	135	138		13.47		14.0
100	QPSK	270	0		13.55		14.0
100	16QAM	1	1		13.40		14.0
100	64QAM	1	1		13.45		14.0
100	256QAM	1	1		13.61		14.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	13.59	13.62	13.57	14.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	13.60	13.64	13.59	14.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	13.54	13.54	13.62	14.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	13.61	13.53	13.56	14.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	13.63	13.60	13.60	14.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	13.57	13.55	13.53	14.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	13.54	13.63	13.57	14.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	13.61	13.54	13.55	14.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	13.60	13.53	13.55	14.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	13.53	13.57	13.56	14.0

<FR1 n78_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.25		17.0
100	PI/2 BPSK	1	137		16.20		
100	PI/2 BPSK	1	271		16.13		
100	PI/2 BPSK	135	0		16.15		17.0
100	PI/2 BPSK	135	69		16.21		17.0
100	PI/2 BPSK	135	138		16.13		17.0
100	PI/2 BPSK	270	0		16.12		
100	QPSK	1	1		16.24		17.0
100	QPSK	1	137		16.08		
100	QPSK	1	271		16.22		
100	QPSK	135	0		16.16		17.0
100	QPSK	135	69		16.11		17.0
100	QPSK	135	138		16.12		17.0
100	QPSK	270	0		16.18		17.0
100	16QAM	1	1		16.04		17.0
100	64QAM	1	1		16.03		17.0
100	256QAM	1	1		16.08		17.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.22	16.24	16.19	17.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.17	16.16	16.10	17.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.16	16.17	16.11	17.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.16	16.16	16.10	17.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.14	16.16	16.10	17.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.14	16.18	16.13	17.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	16.15	16.17	16.10	17.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.15	16.16	16.12	17.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.16	16.17	16.11	17.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.13	16.16	16.11	17.0

<FR1 n78_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		15.93		16.5
100	PI/2 BPSK	1	137		15.87		
100	PI/2 BPSK	1	271		15.82		
100	PI/2 BPSK	135	0		15.79		16.5
100	PI/2 BPSK	135	69		15.86		16.5
100	PI/2 BPSK	135	138		15.77		16.5
100	PI/2 BPSK	270	0		15.74		
100	QPSK	1	1		15.84		16.5
100	QPSK	1	137		15.76		
100	QPSK	1	271		15.79		
100	QPSK	135	0		15.85		16.5
100	QPSK	135	69		15.80		16.5
100	QPSK	135	138		15.75		16.5
100	QPSK	270	0		15.70		16.5
100	16QAM	1	1		15.78		16.5
100	64QAM	1	1		15.81		16.5
100	256QAM	1	1		15.65		16.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	15.88	15.91	15.86	16.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	15.83	15.86	15.78	16.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	15.82	15.82	15.79	16.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	15.83	15.81	15.76	16.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	15.83	15.84	15.79	16.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	15.78	15.81	15.79	16.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	15.78	15.82	15.79	16.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	15.83	15.85	15.81	16.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	15.78	15.82	15.80	16.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	15.79	15.81	15.79	16.5

<FR1 n78_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		14.47		15.5
100	PI/2 BPSK	1	137		14.28		
100	PI/2 BPSK	1	271		14.24		
100	PI/2 BPSK	135	0		14.19		15.5
100	PI/2 BPSK	135	69		14.36		15.5
100	PI/2 BPSK	135	138		14.21		15.5
100	PI/2 BPSK	270	0		14.13		
100	QPSK	1	1		14.41		15.5
100	QPSK	1	137		14.30		
100	QPSK	1	271		14.23		
100	QPSK	135	0		14.23		15.5
100	QPSK	135	69		14.19		15.5
100	QPSK	135	138		14.23		15.5
100	QPSK	270	0		14.10		15.5
100	16QAM	1	1		14.40		15.5
100	64QAM	1	1		14.39		15.5
100	256QAM	1	1		14.26		15.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	14.35	14.39	14.37	15.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	14.36	14.37	14.38	15.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	14.38	14.38	14.37	15.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	14.34	14.38	14.39	15.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	14.40	14.41	14.39	15.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	14.34	14.37	14.39	15.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	14.38	14.37	14.35	15.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	14.35	14.34	14.39	15.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	14.36	14.37	14.36	15.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	14.34	14.36	14.34	15.5

<FR1 n78_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		16.57		17.0
100	PI/2 BPSK	1	137		16.44		
100	PI/2 BPSK	1	271		16.43		
100	PI/2 BPSK	135	0		16.38		17.0
100	PI/2 BPSK	135	69		16.44		17.0
100	PI/2 BPSK	135	138		16.41		17.0
100	PI/2 BPSK	270	0		16.43		
100	QPSK	1	1		16.44		17.0
100	QPSK	1	137		16.35		
100	QPSK	1	271		16.39		
100	QPSK	135	0		16.40		17.0
100	QPSK	135	69		16.44		17.0
100	QPSK	135	138		16.36		17.0
100	QPSK	270	0		16.44		17.0
100	16QAM	1	1		16.25		17.0
100	64QAM	1	1		16.29		17.0
100	256QAM	1	1		16.49		17.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	16.36	16.33	16.35	17.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	16.43	16.43	16.41	17.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	16.50	16.42	16.51	17.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	16.48	16.48	16.49	17.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	16.42	16.48	16.48	17.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	16.42	16.41	16.43	17.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	16.51	16.41	16.46	17.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	16.44	16.47	16.42	17.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	16.46	16.44	16.50	17.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	16.46	16.41	16.42	17.0

<FR1 n78_HPUE_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		19.26		20.0
100	PI/2 BPSK	1	137		19.18		
100	PI/2 BPSK	1	271		19.16		
100	PI/2 BPSK	135	0		19.19		20.0
100	PI/2 BPSK	135	69		19.21		20.0
100	PI/2 BPSK	135	138		19.12		20.0
100	PI/2 BPSK	270	0		19.20		
100	QPSK	1	1		19.23		20.0
100	QPSK	1	137		19.13		
100	QPSK	1	271		19.21		
100	QPSK	135	0		19.20		20.0
100	QPSK	135	69		19.18		20.0
100	QPSK	135	138		19.16		20.0
100	QPSK	270	0		19.21		20.0
100	16QAM	1	1		19.07		20.0
100	64QAM	1	1		19.04		20.0
100	256QAM	1	1		19.05		20.0
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	19.23	19.25	19.21	20.0
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	19.17	19.19	19.16	20.0
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	19.17	19.18	19.13	20.0
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	19.15	19.18	19.13	20.0
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	19.17	19.18	19.12	20.0
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	19.17	19.19	19.15	20.0
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	19.16	19.19	19.12	20.0
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	19.15	19.18	19.16	20.0
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	19.15	19.18	19.12	20.0
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	19.16	19.19	19.13	20.0

<FR1 n78_HPUE_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		18.97		19.5
100	PI/2 BPSK	1	137		18.90		
100	PI/2 BPSK	1	271		18.86		
100	PI/2 BPSK	135	0		18.80		19.5
100	PI/2 BPSK	135	69		18.83		19.5
100	PI/2 BPSK	135	138		18.76		19.5
100	PI/2 BPSK	270	0		18.81		
100	QPSK	1	1		18.88		19.5
100	QPSK	1	137		18.79		
100	QPSK	1	271		18.88		
100	QPSK	135	0		18.84		19.5
100	QPSK	135	69		18.80		19.5
100	QPSK	135	138		18.76		19.5
100	QPSK	270	0		18.71		19.5
100	16QAM	1	1		18.77		19.5
100	64QAM	1	1		18.81		19.5
100	256QAM	1	1		18.64		19.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	18.90	18.95	18.92	19.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	18.87	18.90	18.83	19.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	18.87	18.90	18.85	19.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	18.89	18.86	18.89	19.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	18.85	18.89	18.82	19.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	18.86	18.92	18.91	19.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	18.80	18.86	18.90	19.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	18.88	18.85	18.84	19.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	18.90	18.86	18.92	19.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	18.80	18.85	18.83	19.5

<FR1 n78_HPUE_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					650000		
Frequency (MHz)					3750		
100	PI/2 BPSK	1	1		17.52		18.5
100	PI/2 BPSK	1	137		17.32		
100	PI/2 BPSK	1	271		17.27		
100	PI/2 BPSK	135	0		17.19		18.5
100	PI/2 BPSK	135	69		17.37		18.5
100	PI/2 BPSK	135	138		17.21		18.5
100	PI/2 BPSK	270	0		17.12		
100	QPSK	1	1		17.38		18.5
100	QPSK	1	137		17.35		
100	QPSK	1	271		17.27		
100	QPSK	135	0		17.28		18.5
100	QPSK	135	69		17.22		18.5
100	QPSK	135	138		17.28		18.5
100	QPSK	270	0		17.14		18.5
100	16QAM	1	1		17.38		18.5
100	64QAM	1	1		17.39		18.5
100	256QAM	1	1		17.28		18.5
Channel				649668	650000	650332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3750	3754.98	
90	PI/2 BPSK	1	1	17.40	17.38	17.38	18.5
Channel				649334	650000	650666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3750	3759.99	
80	PI/2 BPSK	1	1	17.43	17.39	17.40	18.5
Channel				649000	650000	651000	Tune-up limit (dBm)
Frequency (MHz)				3735	3750	3765	
70	PI/2 BPSK	1	1	17.38	17.42	17.38	18.5
Channel				648668	650000	651332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3750	3769.98	
60	PI/2 BPSK	1	1	17.30	17.29	17.31	18.5
Channel				648334	650000	651666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3750	3774.99	
50	PI/2 BPSK	1	1	17.38	17.41	17.40	18.5
Channel				648000	650000	652000	Tune-up limit (dBm)
Frequency (MHz)				3720	3750	3780	
40	PI/2 BPSK	1	1	17.38	17.40	17.39	18.5
Channel				647668	650000	652332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3750.00	3784.98	
30	PI/2 BPSK	1	1	17.40	17.39	17.41	18.5
Channel				647334	650000	652666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3750	3789.99	
20	PI/2 BPSK	1	1	17.39	17.40	17.41	18.5
Channel				647168	650000	652832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3750	3792.48	
15	PI/2 BPSK	1	1	17.39	17.43	17.38	18.5
Channel				647000	650000	653000	Tune-up limit (dBm)
Frequency (MHz)				3705	3750	3795	
10	PI/2 BPSK	1	1	17.40	17.43	17.39	18.5

<FR1 n78_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		13.49		14.0
100	PI/2 BPSK	1	137		13.41		
100	PI/2 BPSK	1	271		13.34		
100	PI/2 BPSK	135	0		13.31		14.0
100	PI/2 BPSK	135	69		13.34		14.0
100	PI/2 BPSK	135	138		13.32		14.0
100	PI/2 BPSK	270	0		13.33		
100	QPSK	1	1		13.32		14.0
100	QPSK	1	137		13.25		
100	QPSK	1	271		13.31		
100	QPSK	135	0		13.32		14.0
100	QPSK	135	69		13.36		14.0
100	QPSK	135	138		13.26		14.0
100	QPSK	270	0		13.31		14.0
100	16QAM	1	1		13.16		14.0
100	64QAM	1	1		13.26		14.0
100	256QAM	1	1		13.40		14.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	13.33	13.33	13.24	14.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	13.33	13.26	13.22	14.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	13.24	13.28	13.24	14.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	13.25	13.28	13.28	14.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	13.32	13.26	13.22	14.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	13.24	13.33	13.29	14.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	13.30	13.29	13.22	14.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	13.32	13.31	13.30	14.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	13.34	13.30	13.31	14.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	13.24	13.28	13.22	14.0

<FR1 n78_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.59		17.0
100	PI/2 BPSK	1	137		15.53		
100	PI/2 BPSK	1	271		15.44		
100	PI/2 BPSK	135	0		15.43		17.0
100	PI/2 BPSK	135	69		15.54		17.0
100	PI/2 BPSK	135	138		15.46		17.0
100	PI/2 BPSK	270	0		15.45		
100	QPSK	1	1		15.55		17.0
100	QPSK	1	137		15.40		
100	QPSK	1	271		15.51		
100	QPSK	135	0		15.50		17.0
100	QPSK	135	69		15.45		17.0
100	QPSK	135	138		15.44		17.0
100	QPSK	270	0		15.47		17.0
100	16QAM	1	1		15.38		17.0
100	64QAM	1	1		15.32		17.0
100	256QAM	1	1		15.41		17.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	15.52	15.58	15.56	17.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	15.44	15.53	15.50	17.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	15.47	15.49	15.51	17.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	15.46	15.49	15.49	17.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	15.43	15.49	15.50	17.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	15.45	15.53	15.47	17.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	15.44	15.53	15.47	17.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	15.44	15.50	15.47	17.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	15.43	15.49	15.48	17.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	15.45	15.52	15.48	17.0

<FR1 n78_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.28		16.5
100	PI/2 BPSK	1	137		16.20		
100	PI/2 BPSK	1	271		16.17		
100	PI/2 BPSK	135	0		16.11		16.5
100	PI/2 BPSK	135	69		16.21		16.5
100	PI/2 BPSK	135	138		16.12		16.5
100	PI/2 BPSK	270	0		16.07		
100	QPSK	1	1		16.17		16.5
100	QPSK	1	137		16.11		
100	QPSK	1	271		16.10		
100	QPSK	135	0		16.17		16.5
100	QPSK	135	69		16.13		16.5
100	QPSK	135	138		16.08		16.5
100	QPSK	270	0		16.03		16.5
100	16QAM	1	1		16.11		16.5
100	64QAM	1	1		16.13		16.5
100	256QAM	1	1		15.96		16.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.20	16.25	16.19	16.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.11	16.16	16.11	16.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.10	16.16	16.13	16.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.15	16.17	16.12	16.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.14	16.17	16.11	16.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.10	16.20	16.10	16.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.12	16.19	16.12	16.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.11	16.15	16.13	16.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.10	16.20	16.13	16.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.15	16.17	16.12	16.5

<FR1 n78_Ant Aux_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		15.12		15.5
100	PI/2 BPSK	1	137		14.90		
100	PI/2 BPSK	1	271		14.86		
100	PI/2 BPSK	135	0		14.79		15.5
100	PI/2 BPSK	135	69		14.96		15.5
100	PI/2 BPSK	135	138		14.81		15.5
100	PI/2 BPSK	270	0		14.75		
100	QPSK	1	1		15.04		15.5
100	QPSK	1	137		14.92		
100	QPSK	1	271		14.88		
100	QPSK	135	0		14.87		15.5
100	QPSK	135	69		14.79		15.5
100	QPSK	135	138		14.87		15.5
100	QPSK	270	0		14.70		15.5
100	16QAM	1	1		15.03		15.5
100	64QAM	1	1		15.02		15.5
100	256QAM	1	1		14.87		15.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	14.93	14.87	14.88	15.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	14.91	14.89	14.91	15.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	14.87	14.91	14.87	15.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	14.89	14.92	14.90	15.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	14.79	14.74	14.82	15.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	14.94	14.95	14.94	15.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	14.91	14.85	14.85	15.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	14.92	14.95	14.93	15.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	14.86	14.90	14.86	15.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	14.89	14.94	14.89	15.5

<FR1 n78_HPUE_Ant Main_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		16.51		17.0
100	PI/2 BPSK	1	137		16.38		
100	PI/2 BPSK	1	271		16.36		
100	PI/2 BPSK	135	0		16.30		17.0
100	PI/2 BPSK	135	69		16.36		17.0
100	PI/2 BPSK	135	138		16.34		17.0
100	PI/2 BPSK	270	0		16.35		
100	QPSK	1	1		16.34		17.0
100	QPSK	1	137		16.24		
100	QPSK	1	271		16.32		
100	QPSK	135	0		16.29		17.0
100	QPSK	135	69		16.36		17.0
100	QPSK	135	138		16.25		17.0
100	QPSK	270	0		16.38		17.0
100	16QAM	1	1		16.17		17.0
100	64QAM	1	1		16.20		17.0
100	256QAM	1	1		16.38		17.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	16.45	16.42	16.45	17.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	16.46	16.48	16.45	17.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	16.40	16.43	16.44	17.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	16.45	16.44	16.44	17.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	16.41	16.42	16.41	17.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	16.42	16.41	16.42	17.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	16.44	16.43	16.40	17.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	16.40	16.41	16.44	17.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	16.45	16.45	16.41	17.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	16.44	16.45	16.45	17.0

<FR1 n78_HPUE_Ant MIMO2_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.56		20.0
100	PI/2 BPSK	1	137		18.46		
100	PI/2 BPSK	1	271		18.49		
100	PI/2 BPSK	135	0		18.48		20.0
100	PI/2 BPSK	135	69		18.52		20.0
100	PI/2 BPSK	135	138		18.45		20.0
100	PI/2 BPSK	270	0		18.50		
100	QPSK	1	1		18.55		20.0
100	QPSK	1	137		18.46		
100	QPSK	1	271		18.53		
100	QPSK	135	0		18.51		20.0
100	QPSK	135	69		18.49		20.0
100	QPSK	135	138		18.50		20.0
100	QPSK	270	0		18.50		20.0
100	16QAM	1	1		18.38		20.0
100	64QAM	1	1		18.33		20.0
100	256QAM	1	1		18.39		20.0
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	18.51	18.55	18.54	20.0
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	18.44	18.50	18.48	20.0
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	18.42	18.49	18.46	20.0
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	18.42	18.47	18.45	20.0
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	18.44	18.50	18.47	20.0
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.43	18.48	18.48	20.0
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	18.42	18.46	18.46	20.0
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	18.42	18.49	18.46	20.0
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	18.42	18.46	18.47	20.0
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	18.42	18.46	18.45	20.0

<FR1 n78_HPUE_Ant MIMO1_Sensor ON>

BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		19.30		19.5
100	PI/2 BPSK	1	137		19.18		
100	PI/2 BPSK	1	271		19.18		
100	PI/2 BPSK	135	0		19.11		19.5
100	PI/2 BPSK	135	69		19.16		19.5
100	PI/2 BPSK	135	138		19.06		19.5
100	PI/2 BPSK	270	0		19.11		
100	QPSK	1	1		19.18		19.5
100	QPSK	1	137		19.10		
100	QPSK	1	271		19.20		
100	QPSK	135	0		19.17		19.5
100	QPSK	135	69		19.13		19.5
100	QPSK	135	138		19.10		19.5
100	QPSK	270	0		19.01		19.5
100	16QAM	1	1		19.10		19.5
100	64QAM	1	1		19.15		19.5
100	256QAM	1	1		18.98		19.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	19.24	19.27	19.26	19.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	19.16	19.19	19.16	19.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	19.18	19.22	19.26	19.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	19.21	19.21	19.26	19.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	19.19	19.25	19.17	19.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	19.17	19.20	19.16	19.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	19.23	19.23	19.26	19.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	19.23	19.21	19.22	19.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	19.18	19.27	19.25	19.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	19.15	19.20	19.22	19.5

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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					633332		
Frequency (MHz)					3499.98		
100	PI/2 BPSK	1	1		18.13		18.5
100	PI/2 BPSK	1	137		17.89		
100	PI/2 BPSK	1	271		17.85		
100	PI/2 BPSK	135	0		17.76		18.5
100	PI/2 BPSK	135	69		17.93		18.5
100	PI/2 BPSK	135	138		17.78		18.5
100	PI/2 BPSK	270	0		17.73		
100	QPSK	1	1		17.94		18.5
100	QPSK	1	137		17.95		
100	QPSK	1	271		17.85		
100	QPSK	135	0		17.84		18.5
100	QPSK	135	69		17.79		18.5
100	QPSK	135	138		17.89		18.5
100	QPSK	270	0		17.74		18.5
100	16QAM	1	1		17.98		18.5
100	64QAM	1	1		17.99		18.5
100	256QAM	1	1		17.85		18.5
Channel				633000	633332	633666	Tune-up limit (dBm)
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	17.95	17.97	17.96	18.5
Channel				632668	633332	634000	Tune-up limit (dBm)
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	17.94	17.97	17.92	18.5
Channel				632334	633332	634332	Tune-up limit (dBm)
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	17.86	17.95	17.89	18.5
Channel				632000	633332	634666	Tune-up limit (dBm)
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	17.91	17.94	17.94	18.5
Channel				631668	633332	635000	Tune-up limit (dBm)
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	17.92	17.92	17.96	18.5
Channel				631334	633332	635332	Tune-up limit (dBm)
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	18.00	17.97	17.99	18.5
Channel				631000	633332	635666	Tune-up limit (dBm)
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	17.96	17.91	17.91	18.5
Channel				630668	633332	636000	Tune-up limit (dBm)
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	17.91	17.94	17.95	18.5
Channel				630500	633332	636166	Tune-up limit (dBm)
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	17.91	17.98	17.94	18.5
Channel				630334	633332	636332	Tune-up limit (dBm)
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	17.98	17.98	18.00	18.5