



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.30	21.34	21.38	
15	256QAM	1	0	19.25	19.26	19.24	20.3
15	256QAM	1	37	19.22	19.18	19.15	
15	256QAM	1	74	19.07	19.16	19.01	
15	256QAM	36	0	18.43	18.39	18.38	19.3
15	256QAM	36	20	18.37	18.31	18.32	
15	256QAM	36	39	18.39	18.28	18.30	
15	256QAM	75	0	18.36	18.42	18.37	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.96	23.97	23.83	24.8
10	QPSK	1	25	23.87	23.90	23.86	
10	QPSK	1	49	23.68	23.66	23.63	
10	QPSK	25	0	22.93	22.92	22.99	24.3
10	QPSK	25	12	22.74	22.79	22.88	
10	QPSK	25	25	22.95	22.74	22.89	
10	QPSK	50	0	23.29	23.40	23.29	
10	16QAM	1	0	23.70	23.69	23.56	24.3
10	16QAM	1	25	23.75	23.63	23.51	
10	16QAM	1	49	23.43	23.34	23.35	
10	16QAM	25	0	21.33	21.34	21.40	22.3
10	16QAM	25	12	21.34	21.28	21.35	
10	16QAM	25	25	21.31	21.18	21.29	
10	16QAM	50	0	21.25	21.28	21.35	
10	64QAM	1	0	22.47	22.36	22.39	23.3
10	64QAM	1	25	22.38	22.42	22.46	
10	64QAM	1	49	22.44	22.40	22.33	
10	64QAM	25	0	21.39	21.38	21.41	22.3
10	64QAM	25	12	21.41	21.33	21.38	
10	64QAM	25	25	21.25	21.29	21.26	
10	64QAM	50	0	21.36	21.30	21.38	
10	256QAM	1	0	19.21	19.31	19.21	20.3
10	256QAM	1	25	19.19	19.24	19.06	
10	256QAM	1	49	19.07	19.21	18.99	
10	256QAM	25	0	18.46	18.29	18.39	19.3
10	256QAM	25	12	18.36	18.36	18.41	
10	256QAM	25	25	18.40	18.34	18.36	
10	256QAM	50	0	18.34	18.37	18.37	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.96	23.93	23.93	24.8
5	QPSK	1	12	23.96	23.89	23.88	
5	QPSK	1	24	23.65	23.61	23.69	
5	QPSK	12	0	22.92	23.02	22.99	24.3
5	QPSK	12	7	22.81	22.82	22.92	
5	QPSK	12	13	22.91	22.74	22.90	
5	QPSK	25	0	23.31	23.35	23.31	
5	16QAM	1	0	23.69	23.66	23.58	24.3
5	16QAM	1	12	23.69	23.62	23.43	
5	16QAM	1	24	23.40	23.32	23.38	
5	16QAM	12	0	21.30	21.32	21.34	22.3
5	16QAM	12	7	21.35	21.25	21.33	
5	16QAM	12	13	21.23	21.21	21.20	
5	16QAM	25	0	21.29	21.35	21.33	
5	64QAM	1	0	22.46	22.30	22.47	23.3
5	64QAM	1	12	22.42	22.46	22.42	



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5	64QAM	1	24	22.44	22.38	22.36	
5	64QAM	12	0	21.41	21.45	21.44	22.3
5	64QAM	12	7	21.39	21.35	21.32	
5	64QAM	12	13	21.29	21.21	21.30	
5	64QAM	25	0	21.34	21.32	21.29	
5	256QAM	1	0	19.28	19.24	19.26	20.3
5	256QAM	1	12	19.28	19.28	19.16	
5	256QAM	1	24	19.03	19.16	18.95	
5	256QAM	12	0	18.40	18.36	18.32	19.3
5	256QAM	12	7	18.40	18.34	18.32	
5	256QAM	12	13	18.40	18.36	18.33	
5	256QAM	25	0	18.32	18.38	18.38	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.95	23.88	23.84	24.8
3	QPSK	1	8	23.95	23.90	23.82	
3	QPSK	1	14	23.73	23.62	23.59	
3	QPSK	8	0	22.93	23.00	22.91	24.3
3	QPSK	8	4	22.83	22.84	22.92	
3	QPSK	8	7	22.99	22.72	22.86	
3	QPSK	15	0	23.32	23.33	23.28	
3	16QAM	1	0	23.69	23.64	23.56	24.3
3	16QAM	1	8	23.70	23.66	23.52	
3	16QAM	1	14	23.44	23.28	23.35	
3	16QAM	8	0	21.30	21.31	21.31	22.3
3	16QAM	8	4	21.27	21.30	21.30	
3	16QAM	8	7	21.23	21.22	21.23	
3	16QAM	15	0	21.34	21.33	21.32	
3	64QAM	1	0	22.47	22.39	22.40	23.3
3	64QAM	1	8	22.37	22.50	22.43	
3	64QAM	1	14	22.37	22.41	22.29	
3	64QAM	8	0	21.35	21.40	21.37	22.3
3	64QAM	8	4	21.34	21.36	21.35	
3	64QAM	8	7	21.27	21.22	21.28	
3	64QAM	15	0	21.29	21.32	21.29	
3	256QAM	1	0	19.24	19.25	19.18	20.3
3	256QAM	1	8	19.19	19.20	19.13	
3	256QAM	1	14	19.02	19.19	18.97	
3	256QAM	8	0	18.38	18.34	18.31	19.3
3	256QAM	8	4	18.43	18.30	18.40	
3	256QAM	8	7	18.36	18.29	18.32	
3	256QAM	15	0	18.37	18.37	18.35	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.70	23.82	23.84	24.8
1.4	QPSK	1	3	23.73	23.80	23.84	
1.4	QPSK	1	5	23.49	23.63	23.48	
1.4	QPSK	3	0	23.77	23.84	23.83	
1.4	QPSK	3	1	23.78	23.73	23.82	
1.4	QPSK	3	3	23.50	23.60	23.43	
1.4	QPSK	6	0	23.21	23.12	23.17	24.3
1.4	16QAM	1	0	23.70	23.54	23.55	24.3
1.4	16QAM	1	3	23.57	23.59	23.59	
1.4	16QAM	1	5	23.28	23.27	23.18	
1.4	16QAM	3	0	23.67	23.55	23.49	
1.4	16QAM	3	1	23.51	23.57	23.56	



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1.4	16QAM	3	3	23.18	23.28	23.24	
1.4	16QAM	6	0	22.09	22.10	22.07	23.3
1.4	64QAM	1	0	22.43	22.53	22.39	23.3
1.4	64QAM	1	3	22.40	22.52	22.18	
1.4	64QAM	1	5	22.23	22.23	22.06	
1.4	64QAM	3	0	22.37	22.43	22.19	
1.4	64QAM	3	1	22.16	22.17	22.13	
1.4	64QAM	3	3	22.45	22.49	22.38	
1.4	64QAM	6	0	21.17	21.07	21.15	22.3
1.4	256QAM	1	0	19.18	19.28	19.22	20.3
1.4	256QAM	1	3	19.13	19.14	19.15	
1.4	256QAM	1	5	19.12	19.16	19.00	
1.4	256QAM	3	0	19.20	19.22	19.22	
1.4	256QAM	3	1	19.16	19.08	19.16	
1.4	256QAM	3	3	19.11	19.10	19.02	
1.4	256QAM	6	0	18.31	18.29	18.25	19.3



FDD LTE Band 66\_(Index 6)

Ant 2							
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	22.38	22.39	22.35	23.6
20	QPSK	1	49	22.36	22.35	22.26	
20	QPSK	1	99	22.13	22.14	22.12	
20	QPSK	50	0	22.39	22.42	22.41	23.6
20	QPSK	50	24	22.37	22.33	22.35	
20	QPSK	50	50	22.32	22.22	22.29	
20	QPSK	100	0	22.36	22.37	22.34	
20	16QAM	1	0	22.78	22.75	22.64	23.6
20	16QAM	1	49	22.73	22.58	22.60	
20	16QAM	1	99	22.44	22.39	22.33	
20	16QAM	50	0	21.39	21.36	21.39	22.1
20	16QAM	50	24	21.34	21.30	21.33	
20	16QAM	50	50	21.31	21.25	21.28	
20	16QAM	100	0	21.30	21.31	21.35	
20	64QAM	1	0	22.63	22.57	22.75	23.1
20	64QAM	1	49	22.54	22.54	22.53	
20	64QAM	1	99	22.33	22.33	22.40	
20	64QAM	50	0	21.42	21.40	21.41	22.1
20	64QAM	50	24	21.36	21.32	21.39	
20	64QAM	50	50	21.36	21.29	21.35	
20	64QAM	100	0	21.30	21.31	21.36	
20	256QAM	1	0	19.37	19.35	19.33	20.1
20	256QAM	1	49	19.21	19.30	19.18	
20	256QAM	1	99	19.13	19.13	19.09	
20	256QAM	50	0	18.38	18.37	18.38	19.1
20	256QAM	50	24	18.48	18.39	18.40	
20	256QAM	50	50	18.45	18.47	18.39	
20	256QAM	100	0	18.37	18.45	18.42	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.34	22.37	22.26	23.6
15	QPSK	1	37	22.28	22.31	22.17	
15	QPSK	1	74	22.07	22.08	22.11	
15	QPSK	36	0	22.38	22.33	22.39	23.6
15	QPSK	36	20	22.35	22.24	22.27	
15	QPSK	36	39	22.28	22.13	22.21	
15	QPSK	75	0	22.34	22.37	22.33	
15	16QAM	1	0	22.70	22.69	22.57	23.6
15	16QAM	1	37	22.69	22.49	22.54	
15	16QAM	1	74	22.37	22.29	22.26	
15	16QAM	36	0	21.36	21.36	21.33	22.1
15	16QAM	36	20	21.27	21.30	21.30	
15	16QAM	36	39	21.23	21.25	21.27	
15	16QAM	75	0	21.26	21.24	21.28	
15	64QAM	1	0	22.63	22.48	22.71	23.1
15	64QAM	1	37	22.49	22.46	22.47	
15	64QAM	1	74	22.25	22.30	22.33	
15	64QAM	36	0	21.35	21.34	21.40	22.1
15	64QAM	36	20	21.36	21.22	21.32	
15	64QAM	36	39	21.28	21.21	21.35	



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15	64QAM	75	0	21.30	21.22	21.34	
15	256QAM	1	0	19.36	19.27	19.33	20.1
15	256QAM	1	37	19.14	19.23	19.13	
15	256QAM	1	74	19.08	19.08	19.08	
15	256QAM	36	0	18.37	18.28	18.29	19.1
15	256QAM	36	20	18.39	18.38	18.33	
15	256QAM	36	39	18.45	18.47	18.35	
15	256QAM	75	0	18.33	18.40	18.41	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.30	22.31	22.30	23.6
10	QPSK	1	25	22.31	22.28	22.16	
10	QPSK	1	49	22.09	22.13	22.10	
10	QPSK	25	0	22.35	22.34	22.33	23.6
10	QPSK	25	12	22.33	22.29	22.34	
10	QPSK	25	25	22.31	22.20	22.20	
10	QPSK	50	0	22.31	22.34	22.32	
10	16QAM	1	0	22.72	22.71	22.62	23.6
10	16QAM	1	25	22.64	22.53	22.59	
10	16QAM	1	49	22.40	22.30	22.26	
10	16QAM	25	0	21.36	21.33	21.33	22.1
10	16QAM	25	12	21.30	21.28	21.32	
10	16QAM	25	25	21.22	21.23	21.28	
10	16QAM	50	0	21.24	21.22	21.35	
10	64QAM	1	0	22.58	22.54	22.72	23.1
10	64QAM	1	25	22.51	22.51	22.46	
10	64QAM	1	49	22.29	22.27	22.31	
10	64QAM	25	0	21.42	21.38	21.34	22.1
10	64QAM	25	12	21.28	21.25	21.32	
10	64QAM	25	25	21.26	21.26	21.33	
10	64QAM	50	0	21.26	21.31	21.30	
10	256QAM	1	0	19.35	19.26	19.25	20.1
10	256QAM	1	25	19.20	19.25	19.15	
10	256QAM	1	49	19.05	19.11	19.02	
10	256QAM	25	0	18.30	18.30	18.37	19.1
10	256QAM	25	12	18.47	18.31	18.37	
10	256QAM	25	25	18.38	18.45	18.29	
10	256QAM	50	0	18.29	18.37	18.34	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.37	22.38	22.35	23.6
5	QPSK	1	12	22.28	22.35	22.24	
5	QPSK	1	24	22.06	22.07	22.05	
5	QPSK	12	0	22.29	22.40	22.37	23.6
5	QPSK	12	7	22.30	22.26	22.31	
5	QPSK	12	13	22.31	22.20	22.19	
5	QPSK	25	0	22.33	22.32	22.30	
5	16QAM	1	0	22.75	22.75	22.63	23.6
5	16QAM	1	12	22.69	22.50	22.59	
5	16QAM	1	24	22.38	22.37	22.32	
5	16QAM	12	0	21.31	21.26	21.38	22.1
5	16QAM	12	7	21.32	21.22	21.33	
5	16QAM	12	13	21.30	21.23	21.19	
5	16QAM	25	0	21.29	21.24	21.33	
5	64QAM	1	0	22.55	22.51	22.67	23.1
5	64QAM	1	12	22.50	22.48	22.47	



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5	64QAM	1	24	22.30	22.29	22.38	
5	64QAM	12	0	21.38	21.36	21.38	22.1
5	64QAM	12	7	21.36	21.27	21.34	
5	64QAM	12	13	21.31	21.24	21.32	
5	64QAM	25	0	21.26	21.29	21.28	
5	256QAM	1	0	19.27	19.26	19.27	20.1
5	256QAM	1	12	19.15	19.30	19.14	
5	256QAM	1	24	19.04	19.05	19.09	
5	256QAM	12	0	18.38	18.31	18.33	19.1
5	256QAM	12	7	18.48	18.37	18.31	
5	256QAM	12	13	18.43	18.43	18.31	
5	256QAM	25	0	18.33	18.38	18.40	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.28	22.29	22.34	23.6
3	QPSK	1	8	22.33	22.31	22.23	
3	QPSK	1	14	22.09	22.09	22.03	
3	QPSK	8	0	22.37	22.42	22.41	23.6
3	QPSK	8	4	22.30	22.31	22.35	
3	QPSK	8	7	22.31	22.22	22.29	
3	QPSK	15	0	22.28	22.37	22.30	
3	16QAM	1	0	22.70	22.70	22.57	23.6
3	16QAM	1	8	22.66	22.54	22.52	
3	16QAM	1	14	22.40	22.36	22.27	
3	16QAM	8	0	21.35	21.33	21.31	22.1
3	16QAM	8	4	21.34	21.23	21.32	
3	16QAM	8	7	21.25	21.19	21.22	
3	16QAM	15	0	21.27	21.29	21.28	
3	64QAM	1	0	22.56	22.50	22.71	23.1
3	64QAM	1	8	22.44	22.49	22.51	
3	64QAM	1	14	22.26	22.24	22.35	
3	64QAM	8	0	21.37	21.37	21.31	
3	64QAM	8	4	21.34	21.28	21.31	22.1
3	64QAM	8	7	21.36	21.29	21.35	
3	64QAM	15	0	21.21	21.31	21.27	
3	256QAM	1	0	19.34	19.33	19.23	
3	256QAM	1	8	19.18	19.26	19.18	20.1
3	256QAM	1	14	19.06	19.11	19.05	
3	256QAM	8	0	18.36	18.36	18.29	
3	256QAM	8	4	18.48	18.37	18.33	19.1
3	256QAM	8	7	18.42	18.39	18.34	
3	256QAM	15	0	18.33	18.38	18.33	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.33	22.29	22.32	23.6
1.4	QPSK	1	3	22.34	22.25	22.18	
1.4	QPSK	1	5	22.08	22.09	22.07	
1.4	QPSK	3	0	22.37	22.34	22.39	
1.4	QPSK	3	1	22.34	22.28	22.31	
1.4	QPSK	3	3	22.30	22.15	22.19	
1.4	QPSK	6	0	22.34	22.27	22.31	23.6
1.4	16QAM	1	0	22.76	22.70	22.63	23.6
1.4	16QAM	1	3	22.64	22.48	22.52	
1.4	16QAM	1	5	22.39	22.39	22.30	
1.4	16QAM	3	0	22.34	22.35	22.32	
1.4	16QAM	3	1	22.72	22.71	22.62	



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1.4	16QAM	3	3	22.68	22.50	22.55	
1.4	16QAM	6	0	21.40	21.33	21.29	22.1
1.4	64QAM	1	0	22.63	22.56	22.72	23.1
1.4	64QAM	1	3	22.54	22.50	22.49	
1.4	64QAM	1	5	22.28	22.29	22.37	
1.4	64QAM	3	0	22.32	22.32	22.31	
1.4	64QAM	3	1	22.71	22.67	22.63	
1.4	64QAM	3	3	22.69	22.53	22.50	
1.4	64QAM	6	0	21.30	21.28	21.33	22.1
1.4	256QAM	1	0	19.37	19.26	19.31	20.1
1.4	256QAM	1	3	19.11	19.22	19.14	
1.4	256QAM	1	5	19.12	19.13	19.05	
1.4	256QAM	3	0	19.28	19.29	19.33	
1.4	256QAM	3	1	19.12	19.24	19.17	
1.4	256QAM	3	3	19.08	19.12	19.01	
1.4	256QAM	6	0	18.33	18.43	18.34	19.1



FDD LTE Band 66\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	23.81	23.82	23.54	25.2
20	QPSK	1	49	23.73	23.67	23.46	
20	QPSK	1	99	23.55	23.44	23.29	
20	QPSK	50	0	22.75	22.76	22.50	24.2
20	QPSK	50	24	22.73	22.62	22.45	
20	QPSK	50	50	22.66	22.55	22.41	
20	QPSK	100	0	22.70	22.71	22.44	
20	16QAM	1	0	23.04	23.13	22.79	24.2
20	16QAM	1	49	22.98	22.98	22.63	
20	16QAM	1	99	22.82	22.66	22.56	
20	16QAM	50	0	20.79	20.67	20.50	22.2
20	16QAM	50	24	20.75	20.63	20.46	
20	16QAM	50	50	20.70	20.56	20.42	
20	16QAM	100	0	20.73	20.57	20.47	
20	64QAM	1	0	22.06	21.97	21.77	23.2
20	64QAM	1	49	22.03	21.90	21.73	
20	64QAM	1	99	21.80	21.64	21.57	
20	64QAM	50	0	20.84	20.72	20.54	22.2
20	64QAM	50	24	20.78	20.66	20.52	
20	64QAM	50	50	20.72	20.59	20.46	
20	64QAM	100	0	20.77	20.62	20.48	
20	256QAM	1	0	18.45	18.46	18.44	20.2
20	256QAM	1	49	18.33	18.41	18.34	
20	256QAM	1	99	18.27	18.33	18.28	
20	256QAM	50	0	17.36	17.36	17.35	19.2
20	256QAM	50	24	17.30	17.33	17.29	
20	256QAM	50	50	17.27	17.28	17.25	
20	256QAM	100	0	17.29	17.33	17.25	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.79	23.74	23.54	25.2
15	QPSK	1	37	23.66	23.67	23.45	
15	QPSK	1	74	23.45	23.39	23.22	
15	QPSK	36	0	22.67	22.68	22.46	24.2
15	QPSK	36	20	22.73	22.53	22.41	
15	QPSK	36	39	22.58	22.53	22.39	
15	QPSK	75	0	22.60	22.57	22.41	
15	16QAM	1	0	22.96	23.13	22.76	24.2
15	16QAM	1	37	22.91	22.93	22.59	
15	16QAM	1	74	22.74	22.61	22.47	
15	16QAM	36	0	20.76	20.58	20.40	22.2
15	16QAM	36	20	20.72	20.57	20.43	
15	16QAM	36	39	20.64	20.54	20.39	
15	16QAM	75	0	20.64	20.56	20.37	
15	64QAM	1	0	22.02	21.96	21.71	23.2
15	64QAM	1	37	21.95	21.86	21.73	
15	64QAM	1	74	21.76	21.59	21.56	
15	64QAM	36	0	20.75	20.65	20.48	22.2
15	64QAM	36	20	20.68	20.63	20.43	
15	64QAM	36	39	20.62	20.53	20.45	





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15	64QAM	75	0	20.74	20.62	20.40	
15	256QAM	1	0	18.39	18.46	18.39	20.2
15	256QAM	1	37	18.30	18.33	18.29	
15	256QAM	1	74	18.24	18.24	18.27	
15	256QAM	36	0	17.26	17.35	17.31	19.2
15	256QAM	36	20	17.30	17.27	17.23	
15	256QAM	36	39	17.21	17.24	17.24	
15	256QAM	75	0	17.20	17.23	17.19	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.73	23.73	23.44	25.2
10	QPSK	1	25	23.72	23.63	23.40	
10	QPSK	1	49	23.50	23.34	23.29	
10	QPSK	25	0	22.70	22.59	22.40	24.2
10	QPSK	25	12	22.66	22.60	22.35	
10	QPSK	25	25	22.58	22.49	22.40	
10	QPSK	50	0	22.68	22.61	22.44	
10	16QAM	1	0	23.04	23.13	22.70	24.2
10	16QAM	1	25	22.98	22.92	22.58	
10	16QAM	1	49	22.79	22.60	22.54	
10	16QAM	25	0	20.76	20.61	20.45	22.2
10	16QAM	25	12	20.67	20.60	20.43	
10	16QAM	25	25	20.66	20.54	20.34	
10	16QAM	50	0	20.67	20.51	20.39	
10	64QAM	1	0	22.00	21.96	21.70	23.2
10	64QAM	1	25	21.98	21.90	21.73	
10	64QAM	1	49	21.75	21.63	21.50	
10	64QAM	25	0	20.79	20.70	20.50	22.2
10	64QAM	25	12	20.77	20.58	20.48	
10	64QAM	25	25	20.72	20.50	20.41	
10	64QAM	50	0	20.67	20.57	20.44	
10	256QAM	1	0	18.43	18.38	18.35	20.2
10	256QAM	1	25	18.32	18.32	18.30	
10	256QAM	1	49	18.19	18.26	18.26	
10	256QAM	25	0	17.33	17.29	17.34	19.2
10	256QAM	25	12	17.22	17.25	17.20	
10	256QAM	25	25	17.18	17.19	17.22	
10	256QAM	50	0	17.19	17.31	17.16	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.81	23.74	23.44	25.2
5	QPSK	1	12	23.69	23.59	23.45	
5	QPSK	1	24	23.53	23.43	23.23	
5	QPSK	12	0	22.68	22.60	22.50	24.2
5	QPSK	12	7	22.71	22.58	22.41	
5	QPSK	12	13	22.56	22.51	22.32	
5	QPSK	25	0	22.61	22.61	22.34	
5	16QAM	1	0	22.97	23.10	22.78	24.2
5	16QAM	1	12	22.88	22.90	22.53	
5	16QAM	1	24	22.81	22.60	22.52	
5	16QAM	12	0	20.75	20.63	20.48	22.2
5	16QAM	12	7	20.65	20.56	20.37	
5	16QAM	12	13	20.68	20.49	20.40	
5	16QAM	25	0	20.70	20.57	20.43	
5	64QAM	1	0	22.02	21.89	21.76	23.2
5	64QAM	1	12	22.00	21.88	21.63	



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5	64QAM	1	24	21.78	21.55	21.54	
5	64QAM	12	0	20.74	20.69	20.51	22.2
5	64QAM	12	7	20.75	20.65	20.49	
5	64QAM	12	13	20.66	20.50	20.45	
5	64QAM	25	0	20.71	20.61	20.47	
5	256QAM	1	0	18.38	18.45	18.40	20.2
5	256QAM	1	12	18.30	18.41	18.34	
5	256QAM	1	24	18.22	18.29	18.20	
5	256QAM	12	0	17.35	17.32	17.32	19.2
5	256QAM	12	7	17.21	17.32	17.23	
5	256QAM	12	13	17.23	17.19	17.20	
5	256QAM	25	0	17.28	17.24	17.19	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.74	23.73	23.51	25.2
3	QPSK	1	8	23.65	23.66	23.41	
3	QPSK	1	14	23.52	23.44	23.25	
3	QPSK	8	0	22.66	22.62	22.42	24.2
3	QPSK	8	4	22.69	22.60	22.36	
3	QPSK	8	7	22.58	22.52	22.37	
3	QPSK	15	0	22.60	22.55	22.35	
3	16QAM	1	0	23.00	23.09	22.75	24.2
3	16QAM	1	8	22.88	22.93	22.54	
3	16QAM	1	14	22.81	22.63	22.51	
3	16QAM	8	0	20.72	20.63	20.46	22.2
3	16QAM	8	4	20.67	20.58	20.38	
3	16QAM	8	7	20.60	20.47	20.36	
3	16QAM	15	0	20.64	20.47	20.38	
3	64QAM	1	0	22.05	21.87	21.75	
3	64QAM	1	8	21.93	21.86	21.66	23.2
3	64QAM	1	14	21.75	21.61	21.53	
3	64QAM	8	0	20.76	20.69	20.51	
3	64QAM	8	4	20.73	20.63	20.47	22.2
3	64QAM	8	7	20.65	20.49	20.45	
3	64QAM	15	0	20.69	20.57	20.39	
3	256QAM	1	0	18.44	18.44	18.42	
3	256QAM	1	8	18.33	18.33	18.27	20.2
3	256QAM	1	14	18.21	18.24	18.23	
3	256QAM	8	0	17.33	17.32	17.33	
3	256QAM	8	4	17.26	17.23	17.21	19.2
3	256QAM	8	7	17.24	17.27	17.22	
3	256QAM	15	0	17.21	17.24	17.15	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.72	23.63	23.44	25.2
1.4	QPSK	1	3	23.58	23.41	23.25	
1.4	QPSK	1	5	23.76	23.61	23.42	
1.4	QPSK	3	0	23.73	23.62	23.38	
1.4	QPSK	3	1	23.71	23.57	23.34	
1.4	QPSK	3	3	23.69	23.60	23.37	
1.4	QPSK	6	0	22.77	22.63	22.44	24.2
1.4	16QAM	1	0	22.97	22.78	22.74	24.2
1.4	16QAM	1	3	22.80	22.61	22.51	
1.4	16QAM	1	5	22.86	22.77	22.72	
1.4	16QAM	3	0	22.81	22.69	22.64	
1.4	16QAM	3	1	22.80	22.65	22.55	



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1.4	16QAM	3	3	22.79	22.61	22.53	
1.4	16QAM	6	0	20.86	20.85	20.86	22.2
1.4	64QAM	1	0	21.86	21.67	21.64	23.2
1.4	64QAM	1	3	21.71	21.55	21.60	
1.4	64QAM	1	5	21.85	21.71	21.70	
1.4	64QAM	3	0	21.95	21.79	21.69	
1.4	64QAM	3	1	21.86	21.69	21.61	
1.4	64QAM	3	3	21.77	21.66	21.56	
1.4	64QAM	6	0	20.79	20.60	20.50	22.2
1.4	256QAM	1	0	18.40	18.41	18.42	20.2
1.4	256QAM	1	3	18.33	18.38	18.32	
1.4	256QAM	1	5	18.25	18.29	18.25	
1.4	256QAM	3	0	18.33	18.29	18.34	
1.4	256QAM	3	1	18.29	18.27	18.24	
1.4	256QAM	3	3	18.25	18.19	18.23	
1.4	256QAM	6	0	17.20	17.29	17.16	19.2



FDD LTE Band 66\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	17.3
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.40	16.41	16.18	17.3
20	QPSK	1	49	16.32	16.15	16.08	
20	QPSK	1	99	16.19	16.01	16.25	
20	QPSK	50	0	16.51	16.52	16.26	17.3
20	QPSK	50	24	16.46	16.51	16.18	
20	QPSK	50	50	16.40	16.49	16.14	
20	QPSK	100	0	16.38	16.39	16.18	17.3
20	16QAM	1	0	16.70	16.79	16.45	
20	16QAM	1	49	16.20	16.70	16.42	
20	16QAM	1	99	16.57	16.39	16.22	17.3
20	16QAM	50	0	16.54	16.35	16.22	
20	16QAM	50	24	16.45	16.30	16.76	
20	16QAM	50	50	16.41	16.21	16.08	17.3
20	16QAM	100	0	16.40	16.17	16.17	
20	64QAM	1	0	16.71	16.75	16.56	
20	64QAM	1	49	16.72	16.69	16.41	17.3
20	64QAM	1	99	16.54	16.47	16.28	
20	64QAM	50	0	16.11	16.39	16.22	
20	64QAM	50	24	16.46	16.34	16.20	17.3
20	64QAM	50	50	16.47	16.25	16.11	
20	64QAM	100	0	16.41	16.27	16.18	
20	256QAM	1	0	16.47	16.46	16.52	17.3
20	256QAM	1	49	16.41	16.51	16.42	
20	256QAM	1	99	16.45	16.48	16.52	
20	256QAM	50	0	16.41	16.47	16.35	17.3
20	256QAM	50	24	16.52	16.49	16.50	
20	256QAM	50	50	16.50	16.46	16.53	
20	256QAM	100	0	16.52	16.50	16.44	17.3
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.37	16.33	16.18	17.3
15	QPSK	1	37	16.25	16.15	15.99	
15	QPSK	1	74	16.13	15.93	16.18	
15	QPSK	36	0	16.48	16.46	16.20	17.3
15	QPSK	36	20	16.37	16.41	16.11	
15	QPSK	36	39	16.33	16.42	16.11	
15	QPSK	75	0	16.33	16.38	16.11	17.3
15	16QAM	1	0	16.62	16.79	16.36	
15	16QAM	1	37	16.17	16.62	16.40	
15	16QAM	1	74	16.54	16.31	16.21	17.3
15	16QAM	36	0	16.47	16.34	16.21	
15	16QAM	36	20	16.38	16.29	16.71	
15	16QAM	36	39	16.37	16.12	16.07	17.3
15	16QAM	75	0	16.39	16.12	16.17	
15	64QAM	1	0	16.67	16.72	16.49	
15	64QAM	1	37	16.64	16.67	16.41	17.3
15	64QAM	1	74	16.44	16.41	16.18	
15	64QAM	36	0	16.10	16.37	16.15	
15	64QAM	36	20	16.36	16.24	16.13	17.3
15	64QAM	36	39	16.43	16.25	16.05	



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15	64QAM	75	0	16.36	16.17	16.14	
15	256QAM	1	0	16.47	16.40	16.47	17.3
15	256QAM	1	37	16.31	16.46	16.36	
15	256QAM	1	74	16.37	16.47	16.48	
15	256QAM	36	0	16.36	16.42	16.25	17.3
15	256QAM	36	20	16.48	16.46	16.46	
15	256QAM	36	39	16.47	16.38	16.51	
15	256QAM	75	0	16.45	16.46	16.40	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.39	16.38	16.08	17.3
10	QPSK	1	25	16.32	16.07	16.01	
10	QPSK	1	49	16.17	15.98	16.16	
10	QPSK	25	0	16.48	16.42	16.20	17.3
10	QPSK	25	12	16.39	16.47	16.15	
10	QPSK	25	25	16.31	16.48	16.05	
10	QPSK	50	0	16.37	16.30	16.15	
10	16QAM	1	0	16.64	16.73	16.44	17.3
10	16QAM	1	25	16.16	16.70	16.34	
10	16QAM	1	49	16.51	16.31	16.18	
10	16QAM	25	0	16.50	16.25	16.17	17.3
10	16QAM	25	12	16.43	16.20	16.72	
10	16QAM	25	25	16.34	16.11	16.06	
10	16QAM	50	0	16.39	16.09	16.09	
10	64QAM	1	0	16.71	16.67	16.47	17.3
10	64QAM	1	25	16.69	16.59	16.39	
10	64QAM	1	49	16.51	16.46	16.27	
10	64QAM	25	0	16.03	16.32	16.22	17.3
10	64QAM	25	12	16.38	16.28	16.14	
10	64QAM	25	25	16.40	16.18	16.05	
10	64QAM	50	0	16.40	16.26	16.18	
10	256QAM	1	0	16.47	16.40	16.44	17.3
10	256QAM	1	25	16.32	16.50	16.42	
10	256QAM	1	49	16.42	16.47	16.44	
10	256QAM	25	0	16.35	16.38	16.30	17.3
10	256QAM	25	12	16.45	16.43	16.45	
10	256QAM	25	25	16.44	16.37	16.46	
10	256QAM	50	0	16.48	16.40	16.34	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.39	16.33	16.09	17.3
5	QPSK	1	12	16.28	16.13	16.08	
5	QPSK	1	24	16.10	16.01	16.22	
5	QPSK	12	0	16.45	16.52	16.25	17.3
5	QPSK	12	7	16.39	16.46	16.14	
5	QPSK	12	13	16.34	16.45	16.10	
5	QPSK	25	0	16.37	16.35	16.14	
5	16QAM	1	0	16.68	16.73	16.40	17.3
5	16QAM	1	12	16.18	16.62	16.34	
5	16QAM	1	24	16.52	16.32	16.18	
5	16QAM	12	0	16.53	16.26	16.16	17.3
5	16QAM	12	7	16.35	16.24	16.75	
5	16QAM	12	13	16.36	16.11	16.00	
5	16QAM	25	0	16.34	16.16	16.11	
5	64QAM	1	0	16.68	16.75	16.55	17.3
5	64QAM	1	12	16.65	16.61	16.36	



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5	64QAM	1	24	16.48	16.43	16.24	
5	64QAM	12	0	16.02	16.34	16.17	17.3
5	64QAM	12	7	16.40	16.24	16.11	
5	64QAM	12	13	16.42	16.19	16.03	
5	64QAM	25	0	16.34	16.19	16.12	
5	256QAM	1	0	16.47	16.38	16.51	17.3
5	256QAM	1	12	16.31	16.46	16.32	
5	256QAM	1	24	16.43	16.45	16.43	
5	256QAM	12	0	16.33	16.37	16.29	17.3
5	256QAM	12	7	16.49	16.44	16.49	
5	256QAM	12	13	16.45	16.42	16.53	
5	256QAM	25	0	16.49	16.43	16.34	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.34	16.31	16.08	17.3
3	QPSK	1	8	16.24	16.10	16.08	
3	QPSK	1	14	16.16	16.00	16.15	
3	QPSK	8	0	16.46	16.43	16.16	17.3
3	QPSK	8	4	16.43	16.41	16.13	
3	QPSK	8	7	16.36	16.46	16.12	
3	QPSK	15	0	16.37	16.38	16.14	
3	16QAM	1	0	16.61	16.70	16.44	17.3
3	16QAM	1	8	16.18	16.70	16.38	
3	16QAM	1	14	16.49	16.30	16.13	
3	16QAM	8	0	16.45	16.35	16.19	17.3
3	16QAM	8	4	16.38	16.24	16.69	
3	16QAM	8	7	16.38	16.12	16.03	
3	16QAM	15	0	16.30	16.07	16.11	
3	64QAM	1	0	16.67	16.74	16.50	17.3
3	64QAM	1	8	16.72	16.66	16.39	
3	64QAM	1	14	16.46	16.45	16.24	
3	64QAM	8	0	16.08	16.39	16.17	17.3
3	64QAM	8	4	16.42	16.33	16.13	
3	64QAM	8	7	16.46	16.18	16.04	
3	64QAM	15	0	16.41	16.26	16.14	
3	256QAM	1	0	16.42	16.40	16.50	17.3
3	256QAM	1	8	16.38	16.51	16.42	
3	256QAM	1	14	16.40	16.40	16.49	
3	256QAM	8	0	16.34	16.40	16.33	17.3
3	256QAM	8	4	16.52	16.49	16.45	
3	256QAM	8	7	16.47	16.44	16.49	
3	256QAM	15	0	16.46	16.50	16.42	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.35	16.41	16.17	17.3
1.4	QPSK	1	3	16.32	16.14	16.06	
1.4	QPSK	1	5	16.19	15.94	16.24	
1.4	QPSK	3	0	16.41	16.50	16.23	
1.4	QPSK	3	1	16.37	16.45	16.11	
1.4	QPSK	3	3	16.33	16.42	16.14	
1.4	QPSK	6	0	16.30	16.37	16.12	17.3
1.4	16QAM	1	0	16.62	16.70	16.35	17.3
1.4	16QAM	1	3	16.13	16.64	16.34	
1.4	16QAM	1	5	16.47	16.38	16.14	
1.4	16QAM	3	0	16.50	16.30	16.14	
1.4	16QAM	3	1	16.35	16.24	16.76	



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1.4	16QAM	3	3	16.32	16.21	15.98	
1.4	16QAM	6	0	16.32	16.07	16.10	17.3
1.4	64QAM	1	0	16.68	16.68	16.49	17.3
1.4	64QAM	1	3	16.62	16.61	16.41	
1.4	64QAM	1	5	16.54	16.41	16.26	
1.4	64QAM	3	0	16.03	16.30	16.20	
1.4	64QAM	3	1	16.36	16.25	16.10	
1.4	64QAM	3	3	16.47	16.21	16.01	
1.4	64QAM	6	0	16.31	16.21	16.08	17.3
1.4	256QAM	1	0	16.42	16.38	16.51	17.3
1.4	256QAM	1	3	16.35	16.43	16.40	
1.4	256QAM	1	5	16.37	16.43	16.50	
1.4	256QAM	3	0	16.39	16.40	16.35	
1.4	256QAM	3	1	16.46	16.48	16.41	
1.4	256QAM	3	3	16.42	16.38	16.52	
1.4	256QAM	6	0	16.49	16.48	16.41	17.3



FDD LTE Band 66\_(Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	19.69	19.70	19.48	20.8
20	QPSK	1	49	19.66	19.53	19.43	
20	QPSK	1	99	19.51	19.44	19.30	
20	QPSK	50	0	19.77	19.78	19.54	20.8
20	QPSK	50	24	19.76	19.59	19.48	
20	QPSK	50	50	19.69	19.52	19.42	
20	QPSK	100	0	19.63	19.64	19.52	
20	16QAM	1	0	19.98	19.99	19.89	20.8
20	16QAM	1	49	19.97	19.82	19.84	
20	16QAM	1	99	19.77	19.64	19.56	
20	16QAM	50	0	19.79	19.67	19.52	20.8
20	16QAM	50	24	19.73	19.65	19.47	
20	16QAM	50	50	19.69	19.52	19.45	
20	16QAM	100	0	19.71	19.57	19.46	
20	64QAM	1	0	19.97	19.91	19.68	20.8
20	64QAM	1	49	19.82	19.86	19.86	
20	64QAM	1	99	19.87	19.67	19.59	
20	64QAM	50	0	19.82	19.68	19.60	20.8
20	64QAM	50	24	19.76	19.60	19.51	
20	64QAM	50	50	19.70	19.54	19.45	
20	64QAM	100	0	19.75	19.60	19.47	
20	256QAM	1	0	18.42	18.42	18.35	19.8
20	256QAM	1	49	18.26	18.35	18.26	
20	256QAM	1	99	18.20	18.25	18.23	
20	256QAM	50	0	17.30	17.27	17.34	18.8
20	256QAM	50	24	17.20	17.31	17.24	
20	256QAM	50	50	17.27	17.23	17.15	
20	256QAM	100	0	17.19	17.26	17.21	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	19.59	19.65	19.43	20.8
15	QPSK	1	37	19.65	19.53	19.39	
15	QPSK	1	74	19.44	19.41	19.28	
15	QPSK	36	0	19.73	19.75	19.50	20.8
15	QPSK	36	20	19.70	19.59	19.42	
15	QPSK	36	39	19.60	19.47	19.34	
15	QPSK	75	0	19.63	19.59	19.47	
15	16QAM	1	0	19.93	19.90	19.80	20.8
15	16QAM	1	37	19.96	19.77	19.79	
15	16QAM	1	74	19.76	19.55	19.52	
15	16QAM	36	0	19.75	19.64	19.48	20.8
15	16QAM	36	20	19.73	19.63	19.37	
15	16QAM	36	39	19.66	19.45	19.41	
15	16QAM	75	0	19.67	19.50	19.38	
15	64QAM	1	0	19.96	19.90	19.60	20.8
15	64QAM	1	37	19.80	19.84	19.81	
15	64QAM	1	74	19.82	19.67	19.50	
15	64QAM	36	0	19.79	19.67	19.59	20.8
15	64QAM	36	20	19.76	19.59	19.42	
15	64QAM	36	39	19.69	19.50	19.43	





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15	64QAM	75	0	19.68	19.57	19.46	
15	256QAM	1	0	18.37	18.32	18.29	19.8
15	256QAM	1	37	18.21	18.27	18.18	
15	256QAM	1	74	18.15	18.23	18.15	
15	256QAM	36	0	17.23	17.18	17.34	18.8
15	256QAM	36	20	17.18	17.24	17.24	
15	256QAM	36	39	17.26	17.13	17.13	
15	256QAM	75	0	17.17	17.26	17.16	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	19.65	19.65	19.40	20.8
10	QPSK	1	25	19.64	19.45	19.38	
10	QPSK	1	49	19.44	19.44	19.26	
10	QPSK	25	0	19.70	19.78	19.54	20.8
10	QPSK	25	12	19.67	19.52	19.46	
10	QPSK	25	25	19.65	19.46	19.39	
10	QPSK	50	0	19.61	19.64	19.51	
10	16QAM	1	0	19.88	19.91	19.81	20.8
10	16QAM	1	25	19.95	19.77	19.79	
10	16QAM	1	49	19.74	19.55	19.50	
10	16QAM	25	0	19.73	19.61	19.50	20.8
10	16QAM	25	12	19.71	19.64	19.42	
10	16QAM	25	25	19.63	19.44	19.43	
10	16QAM	50	0	19.65	19.48	19.42	
10	64QAM	1	0	19.88	19.91	19.66	20.8
10	64QAM	1	25	19.72	19.82	19.86	
10	64QAM	1	49	19.84	19.65	19.59	
10	64QAM	25	0	19.77	19.62	19.56	20.8
10	64QAM	25	12	19.66	19.59	19.50	
10	64QAM	25	25	19.60	19.47	19.41	
10	64QAM	50	0	19.70	19.55	19.43	
10	256QAM	1	0	18.42	18.38	18.29	19.8
10	256QAM	1	25	18.21	18.33	18.26	
10	256QAM	1	49	18.17	18.23	18.17	
10	256QAM	25	0	17.20	17.19	17.25	18.8
10	256QAM	25	12	17.12	17.30	17.18	
10	256QAM	25	25	17.24	17.17	17.13	
10	256QAM	50	0	17.15	17.22	17.20	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	19.61	19.61	19.39	20.8
5	QPSK	1	12	19.64	19.46	19.39	
5	QPSK	1	24	19.47	19.42	19.28	
5	QPSK	12	0	19.69	19.77	19.51	20.8
5	QPSK	12	7	19.75	19.51	19.45	
5	QPSK	12	13	19.69	19.44	19.36	
5	QPSK	25	0	19.58	19.60	19.44	
5	16QAM	1	0	19.88	19.90	19.80	20.8
5	16QAM	1	12	19.94	19.75	19.81	
5	16QAM	1	24	19.72	19.63	19.51	
5	16QAM	12	0	19.73	19.59	19.45	20.8
5	16QAM	12	7	19.71	19.55	19.44	
5	16QAM	12	13	19.67	19.50	19.39	
5	16QAM	25	0	19.69	19.55	19.37	
5	64QAM	1	0	19.88	19.82	19.59	20.8
5	64QAM	1	12	19.73	19.81	19.86	



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5	64QAM	1	24	19.86	19.63	19.51	
5	64QAM	12	0	19.73	19.64	19.54	20.8
5	64QAM	12	7	19.71	19.59	19.44	
5	64QAM	12	13	19.62	19.45	19.36	
5	64QAM	25	0	19.69	19.53	19.40	
5	256QAM	1	0	18.36	18.33	18.28	19.8
5	256QAM	1	12	18.24	18.28	18.16	
5	256QAM	1	24	18.12	18.16	18.20	
5	256QAM	12	0	17.24	17.19	17.24	18.8
5	256QAM	12	7	17.17	17.25	17.19	
5	256QAM	12	13	17.19	17.18	17.06	
5	256QAM	25	0	17.10	17.16	17.17	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	19.60	19.66	19.43	20.8
3	QPSK	1	8	19.61	19.49	19.43	
3	QPSK	1	14	19.51	19.44	19.28	
3	QPSK	8	0	19.71	19.68	19.51	20.8
3	QPSK	8	4	19.69	19.56	19.40	
3	QPSK	8	7	19.66	19.43	19.36	
3	QPSK	15	0	19.59	19.56	19.49	
3	16QAM	1	0	19.96	19.92	19.84	20.8
3	16QAM	1	8	19.89	19.80	19.83	
3	16QAM	1	14	19.76	19.62	19.55	
3	16QAM	8	0	19.77	19.65	19.52	20.8
3	16QAM	8	4	19.66	19.59	19.39	
3	16QAM	8	7	19.62	19.47	19.36	
3	16QAM	15	0	19.67	19.52	19.40	
3	64QAM	1	0	19.91	19.85	19.65	20.8
3	64QAM	1	8	19.77	19.83	19.84	
3	64QAM	1	14	19.81	19.58	19.52	
3	64QAM	8	0	19.81	19.60	19.55	20.8
3	64QAM	8	4	19.67	19.56	19.48	
3	64QAM	8	7	19.62	19.53	19.37	
3	64QAM	15	0	19.70	19.60	19.40	
3	256QAM	1	0	18.32	18.37	18.26	19.8
3	256QAM	1	8	18.16	18.31	18.18	
3	256QAM	1	14	18.11	18.15	18.14	
3	256QAM	8	0	17.30	17.24	17.24	18.8
3	256QAM	8	4	17.16	17.31	17.21	
3	256QAM	8	7	17.27	17.23	17.11	
3	256QAM	15	0	17.18	17.26	17.18	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	19.64	19.60	19.41	20.8
1.4	QPSK	1	3	19.65	19.45	19.39	
1.4	QPSK	1	5	19.43	19.41	19.26	
1.4	QPSK	3	0	19.70	19.77	19.47	
1.4	QPSK	3	1	19.68	19.53	19.47	
1.4	QPSK	3	3	19.59	19.43	19.33	
1.4	QPSK	6	0	19.59	19.54	19.42	20.8
1.4	16QAM	1	0	19.94	19.98	19.86	20.8
1.4	16QAM	1	3	19.88	19.80	19.74	
1.4	16QAM	1	5	19.68	19.59	19.47	
1.4	16QAM	3	0	19.73	19.64	19.46	
1.4	16QAM	3	1	19.68	19.59	19.40	



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1.4	16QAM	3	3	19.68	19.47	19.45	
1.4	16QAM	6	0	19.63	19.54	19.39	20.8
1.4	64QAM	1	0	19.97	19.85	19.63	20.8
1.4	64QAM	1	3	19.80	19.82	19.79	
1.4	64QAM	1	5	19.80	19.58	19.49	
1.4	64QAM	3	0	19.81	19.59	19.54	
1.4	64QAM	3	1	19.75	19.51	19.45	
1.4	64QAM	3	3	19.63	19.47	19.37	
1.4	64QAM	6	0	19.65	19.59	19.42	20.8
1.4	256QAM	1	0	18.41	18.41	18.32	19.8
1.4	256QAM	1	3	18.18	18.30	18.23	
1.4	256QAM	1	5	18.17	18.20	18.22	
1.4	256QAM	3	0	18.28	18.17	18.34	
1.4	256QAM	3	1	18.14	18.25	18.14	
1.4	256QAM	3	3	18.23	18.20	18.08	
1.4	256QAM	6	0	17.16	17.23	17.16	18.8



FDD LTE Band 66\_(Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	18.80	18.81	18.69	19.6
20	QPSK	1	49	18.79	18.74	18.65	
20	QPSK	1	99	18.78	18.62	18.59	
20	QPSK	50	0	18.92	19.02	18.78	19.6
20	QPSK	50	24	18.91	18.84	18.76	
20	QPSK	50	50	18.90	18.76	18.68	
20	QPSK	100	0	18.87	18.88	18.74	
20	16QAM	1	0	19.34	19.22	19.15	19.6
20	16QAM	1	49	19.33	19.19	19.13	
20	16QAM	1	99	19.07	18.91	18.94	
20	16QAM	50	0	19.02	18.90	18.76	19.6
20	16QAM	50	24	18.96	18.82	18.72	
20	16QAM	50	50	18.94	18.75	18.67	
20	16QAM	100	0	18.95	18.80	18.70	
20	64QAM	1	0	19.25	19.16	19.01	19.6
20	64QAM	1	49	19.14	19.06	19.09	
20	64QAM	1	99	19.05	18.90	18.86	
20	64QAM	50	0	19.05	18.97	18.80	19.6
20	64QAM	50	24	18.96	18.85	18.75	
20	64QAM	50	50	18.90	18.77	18.70	
20	64QAM	100	0	18.94	18.81	18.74	
20	256QAM	1	0	18.44	18.38	18.36	19.6
20	256QAM	1	49	18.26	18.41	18.29	
20	256QAM	1	99	18.26	18.29	18.19	
20	256QAM	50	0	17.28	17.26	17.25	19.1
20	256QAM	50	24	17.20	17.24	17.24	
20	256QAM	50	50	17.23	17.22	17.18	
20	256QAM	100	0	17.21	17.33	17.24	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	18.95	18.88	18.72	19.6
15	QPSK	1	37	18.87	18.66	18.69	
15	QPSK	1	74	18.76	18.61	18.54	
15	QPSK	36	0	18.87	18.89	18.72	19.6
15	QPSK	36	20	18.82	18.78	18.73	
15	QPSK	36	39	18.84	18.68	18.66	
15	QPSK	75	0	18.80	18.78	18.72	
15	16QAM	1	0	19.28	19.17	19.09	19.6
15	16QAM	1	37	19.25	19.17	19.04	
15	16QAM	1	74	19.03	18.81	18.86	
15	16QAM	36	0	18.93	18.86	18.76	19.6
15	16QAM	36	20	18.91	18.72	18.68	
15	16QAM	36	39	18.87	18.65	18.59	
15	16QAM	75	0	18.86	18.71	18.64	
15	64QAM	1	0	19.22	19.06	19.00	19.6
15	64QAM	1	37	19.13	18.99	19.05	
15	64QAM	1	74	19.00	18.84	18.78	
15	64QAM	36	0	19.00	18.91	18.75	19.6
15	64QAM	36	20	18.96	18.83	18.67	
15	64QAM	36	39	18.84	18.76	18.67	



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15	64QAM	75	0	18.92	18.71	18.72	
15	256QAM	1	0	18.43	18.31	18.28	19.6
15	256QAM	1	37	18.19	18.33	18.22	
15	256QAM	1	74	18.20	18.23	18.14	
15	256QAM	36	0	17.21	17.16	17.25	19.1
15	256QAM	36	20	17.18	17.21	17.17	
15	256QAM	36	39	17.16	17.20	17.09	
15	256QAM	75	0	17.11	17.25	17.18	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	18.87	18.95	18.74	19.6
10	QPSK	1	25	18.84	18.72	18.73	
10	QPSK	1	49	18.72	18.56	18.58	
10	QPSK	25	0	18.82	18.88	18.73	19.6
10	QPSK	25	12	18.84	18.77	18.75	
10	QPSK	25	25	18.90	18.68	18.65	
10	QPSK	50	0	18.86	18.84	18.67	
10	16QAM	1	0	19.29	19.21	19.05	19.6
10	16QAM	1	25	19.27	19.12	19.13	
10	16QAM	1	49	19.02	18.91	18.89	
10	16QAM	25	0	19.01	18.88	18.66	19.6
10	16QAM	25	12	18.86	18.80	18.62	
10	16QAM	25	25	18.90	18.67	18.63	
10	16QAM	50	0	18.90	18.78	18.60	
10	64QAM	1	0	19.15	19.06	18.99	19.6
10	64QAM	1	25	19.07	18.97	19.06	
10	64QAM	1	49	19.03	18.89	18.76	
10	64QAM	25	0	19.00	18.90	18.78	19.6
10	64QAM	25	12	18.95	18.82	18.72	
10	64QAM	25	25	18.83	18.77	18.67	
10	64QAM	50	0	18.85	18.77	18.72	
10	256QAM	1	0	18.43	18.33	18.27	19.6
10	256QAM	1	25	18.23	18.39	18.25	
10	256QAM	1	49	18.19	18.27	18.10	
10	256QAM	25	0	17.19	17.21	17.23	19.1
10	256QAM	25	12	17.14	17.23	17.18	
10	256QAM	25	25	17.20	17.12	17.09	
10	256QAM	50	0	17.18	17.27	17.15	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	18.91	18.94	18.72	19.6
5	QPSK	1	12	18.85	18.64	18.70	
5	QPSK	1	24	18.75	18.53	18.52	
5	QPSK	12	0	18.90	18.91	18.78	19.6
5	QPSK	12	7	18.90	18.80	18.67	
5	QPSK	12	13	18.81	18.76	18.67	
5	QPSK	25	0	18.83	18.80	18.72	
5	16QAM	1	0	19.33	19.21	19.05	19.6
5	16QAM	1	12	19.27	19.17	19.09	
5	16QAM	1	24	19.05	18.84	18.90	
5	16QAM	12	0	18.93	18.85	18.70	19.6
5	16QAM	12	7	18.93	18.81	18.69	
5	16QAM	12	13	18.88	18.74	18.65	
5	16QAM	25	0	18.88	18.74	18.60	
5	64QAM	1	0	19.17	19.06	18.96	19.6
5	64QAM	1	12	19.09	19.01	19.01	



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5	64QAM	1	24	19.05	18.90	18.86	
5	64QAM	12	0	19.02	18.92	18.75	19.6
5	64QAM	12	7	18.88	18.80	18.65	
5	64QAM	12	13	18.82	18.77	18.62	
5	64QAM	25	0	18.91	18.81	18.64	
5	256QAM	1	0	18.40	18.36	18.29	19.6
5	256QAM	1	12	18.26	18.33	18.28	
5	256QAM	1	24	18.22	18.19	18.10	
5	256QAM	12	0	17.27	17.19	17.19	19.1
5	256QAM	12	7	17.17	17.18	17.14	
5	256QAM	12	13	17.23	17.18	17.13	
5	256QAM	25	0	17.13	17.29	17.22	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	18.87	18.92	18.76	19.6
3	QPSK	1	8	18.84	18.71	18.69	
3	QPSK	1	14	18.68	18.58	18.50	
3	QPSK	8	0	18.90	18.86	18.70	19.6
3	QPSK	8	4	18.82	18.81	18.67	
3	QPSK	8	7	18.83	18.71	18.61	
3	QPSK	15	0	18.81	18.80	18.72	
3	16QAM	1	0	19.31	19.18	19.08	19.6
3	16QAM	1	8	19.25	19.14	19.07	
3	16QAM	1	14	19.02	18.87	18.89	
3	16QAM	8	0	18.96	18.81	18.75	19.6
3	16QAM	8	4	18.94	18.76	18.71	
3	16QAM	8	7	18.85	18.71	18.66	
3	16QAM	15	0	18.85	18.74	18.66	
3	64QAM	1	0	19.15	19.14	18.98	19.6
3	64QAM	1	8	19.07	18.97	19.07	
3	64QAM	1	14	19.04	18.80	18.78	
3	64QAM	8	0	18.96	18.97	18.79	19.6
3	64QAM	8	4	18.92	18.78	18.74	
3	64QAM	8	7	18.80	18.70	18.62	
3	64QAM	15	0	18.89	18.74	18.69	
3	256QAM	1	0	18.35	18.28	18.36	19.6
3	256QAM	1	8	18.20	18.38	18.27	
3	256QAM	1	14	18.21	18.21	18.13	
3	256QAM	8	0	17.28	17.25	17.16	19.1
3	256QAM	8	4	17.20	17.17	17.17	
3	256QAM	8	7	17.19	17.15	17.11	
3	256QAM	15	0	17.16	17.31	17.17	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	18.92	18.96	18.74	19.6
1.4	QPSK	1	3	18.84	18.71	18.69	
1.4	QPSK	1	5	18.70	18.56	18.52	
1.4	QPSK	3	0	18.82	18.88	18.74	
1.4	QPSK	3	1	18.81	18.74	18.69	
1.4	QPSK	3	3	18.84	18.73	18.60	
1.4	QPSK	6	0	18.84	18.78	18.70	19.6
1.4	16QAM	1	0	19.31	19.17	19.14	19.6
1.4	16QAM	1	3	19.25	19.14	19.11	
1.4	16QAM	1	5	19.07	18.87	18.85	
1.4	16QAM	3	0	18.99	18.88	18.67	
1.4	16QAM	3	1	18.95	18.75	18.62	



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1.4	16QAM	3	3	18.93	18.68	18.61	
1.4	16QAM	6	0	18.95	18.79	18.67	19.6
1.4	64QAM	1	0	19.21	19.07	18.92	19.6
1.4	64QAM	1	3	19.09	19.05	19.05	
1.4	64QAM	1	5	19.03	18.90	18.84	
1.4	64QAM	3	0	19.04	18.89	18.78	
1.4	64QAM	3	1	18.91	18.75	18.70	
1.4	64QAM	3	3	18.90	18.77	18.60	
1.4	64QAM	6	0	18.90	18.79	18.74	19.6
1.4	256QAM	1	0	18.42	18.28	18.29	19.6
1.4	256QAM	1	3	18.21	18.38	18.19	
1.4	256QAM	1	5	18.18	18.22	18.17	
1.4	256QAM	3	0	18.21	18.19	18.25	
1.4	256QAM	3	1	18.10	18.21	18.18	
1.4	256QAM	3	3	18.14	18.14	18.12	
1.4	256QAM	6	0	17.14	17.32	17.16	19.1



FDD LTE Band 66\_Sub (Index 1)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	25.12	24.91	24.84	25.4
20	QPSK	1	49	25.11	24.94	24.85	
20	QPSK	1	99	25.00	24.59	24.60	
20	QPSK	50	0	24.02	23.77	23.66	24.4
20	QPSK	50	24	24.00	23.78	23.67	
20	QPSK	50	50	24.00	23.68	23.58	
20	QPSK	100	0	24.04	23.81	23.66	
20	16QAM	1	0	24.22	23.99	23.88	24.4
20	16QAM	1	49	24.25	23.91	23.83	
20	16QAM	1	99	24.08	23.67	23.66	
20	16QAM	50	0	22.99	22.80	22.63	23.4
20	16QAM	50	24	23.05	22.76	22.61	
20	16QAM	50	50	22.97	22.73	22.50	
20	16QAM	100	0	23.15	22.84	22.69	
20	64QAM	1	0	23.20	23.01	22.89	23.4
20	64QAM	1	49	23.22	22.95	22.80	
20	64QAM	1	99	23.09	22.67	22.66	
20	64QAM	50	0	21.93	21.79	21.60	22.4
20	64QAM	50	24	22.01	21.74	21.59	
20	64QAM	50	50	21.93	21.72	21.55	
20	64QAM	100	0	22.03	21.77	21.62	
20	256QAM	1	0	20.02	19.87	19.83	20.4
20	256QAM	1	49	20.03	19.82	19.64	
20	256QAM	1	99	19.93	19.58	19.50	
20	256QAM	50	0	19.85	19.67	19.57	20.4
20	256QAM	50	24	19.91	19.62	19.53	
20	256QAM	50	50	19.87	19.54	19.58	
20	256QAM	100	0	19.90	19.61	19.61	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	25.05	25.11	24.82	25.4
15	QPSK	1	37	25.07	25.00	24.80	
15	QPSK	1	74	25.01	24.66	24.64	
15	QPSK	36	0	23.97	23.81	23.73	24.4
15	QPSK	36	20	23.94	23.75	23.67	
15	QPSK	36	39	23.92	23.70	23.64	
15	QPSK	75	0	23.92	23.67	23.67	
15	16QAM	1	0	23.99	23.91	23.71	24.4
15	16QAM	1	37	24.11	23.87	23.73	
15	16QAM	1	74	24.02	23.68	23.65	
15	16QAM	36	0	23.00	22.77	22.70	23.4
15	16QAM	36	20	22.97	22.71	22.66	
15	16QAM	36	39	22.96	22.66	22.64	
15	16QAM	75	0	22.95	22.69	22.60	
15	64QAM	1	0	23.08	22.93	22.81	23.4
15	64QAM	1	37	23.09	22.86	22.74	
15	64QAM	1	74	23.05	22.72	22.73	
15	64QAM	36	0	21.95	21.76	21.66	22.4
15	64QAM	36	20	21.92	21.71	21.61	
15	64QAM	36	39	21.90	21.66	21.58	





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15	64QAM	75	0	21.90	21.69	21.61	
15	256QAM	1	0	19.94	19.82	19.76	20.4
15	256QAM	1	37	19.98	19.78	19.71	
15	256QAM	1	74	19.86	19.65	19.56	
15	256QAM	36	0	19.77	19.67	19.55	20.4
15	256QAM	36	20	19.76	19.63	19.50	
15	256QAM	36	39	19.74	19.58	19.45	
15	256QAM	75	0	19.83	19.62	19.51	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	25.10	25.02	24.69	25.4
10	QPSK	1	25	25.08	24.94	24.52	
10	QPSK	1	49	24.99	24.91	24.58	
10	QPSK	25	0	23.89	23.93	23.65	24.4
10	QPSK	25	12	23.88	23.90	23.61	
10	QPSK	25	25	23.88	23.77	23.60	
10	QPSK	50	0	23.81	23.82	23.63	
10	16QAM	1	0	23.99	23.93	23.82	24.4
10	16QAM	1	25	23.87	23.76	23.66	
10	16QAM	1	49	23.99	23.85	23.76	
10	16QAM	25	0	22.88	22.87	22.73	23.4
10	16QAM	25	12	22.87	22.83	22.68	
10	16QAM	25	25	22.86	22.77	22.66	
10	16QAM	50	0	22.86	22.79	22.66	
10	64QAM	1	0	23.07	23.00	22.81	23.4
10	64QAM	1	25	22.94	22.77	22.68	
10	64QAM	1	49	23.06	22.81	22.76	
10	64QAM	25	0	21.90	21.84	21.69	22.4
10	64QAM	25	12	21.88	21.79	21.65	
10	64QAM	25	25	21.87	21.75	21.63	
10	64QAM	50	0	21.84	21.76	21.63	
10	256QAM	1	0	19.94	19.89	19.69	20.4
10	256QAM	1	25	19.80	19.73	19.50	
10	256QAM	1	49	19.88	19.76	19.58	
10	256QAM	25	0	19.75	19.72	19.54	20.4
10	256QAM	25	12	19.74	19.68	19.51	
10	256QAM	25	25	19.73	19.64	19.49	
10	256QAM	50	0	19.74	19.68	19.51	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	25.05	24.72	24.47	25.4
5	QPSK	1	12	25.10	24.84	24.61	
5	QPSK	1	24	25.08	24.70	24.53	
5	QPSK	12	0	24.00	23.73	23.56	24.4
5	QPSK	12	7	23.98	23.70	23.55	
5	QPSK	12	13	23.98	23.69	23.56	
5	QPSK	25	0	23.96	23.71	23.56	
5	16QAM	1	0	24.03	23.81	23.64	24.4
5	16QAM	1	12	24.11	23.88	23.73	
5	16QAM	1	24	24.07	23.77	23.65	
5	16QAM	12	0	22.99	22.75	22.62	23.4
5	16QAM	12	7	22.97	22.72	22.61	
5	16QAM	12	13	22.97	22.73	22.63	
5	16QAM	25	0	22.90	22.69	22.57	
5	64QAM	1	0	23.04	22.86	22.71	23.4
5	64QAM	1	12	23.09	22.85	22.75	



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5	64QAM	1	24	23.06	22.80	22.72	
5	64QAM	12	0	21.94	21.72	21.55	22.4
5	64QAM	12	7	21.91	21.71	21.53	
5	64QAM	12	13	21.92	21.71	21.53	
5	64QAM	25	0	21.86	21.70	21.57	
5	256QAM	1	0	19.88	19.75	19.54	20.4
5	256QAM	1	12	19.93	19.78	19.62	
5	256QAM	1	24	19.82	19.68	19.58	
5	256QAM	12	0	19.74	19.65	19.46	20.4
5	256QAM	12	7	19.72	19.61	19.44	
5	256QAM	12	13	19.72	19.61	19.44	
5	256QAM	25	0	19.69	19.60	19.42	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.91	24.64	24.44	25.4
3	QPSK	1	8	24.74	24.54	24.35	
3	QPSK	1	14	24.84	24.61	24.44	
3	QPSK	8	0	23.93	23.72	23.59	24.4
3	QPSK	8	4	23.92	23.71	23.56	
3	QPSK	8	7	23.93	23.71	23.56	
3	QPSK	15	0	23.93	23.72	23.58	
3	16QAM	1	0	24.05	23.83	23.71	24.4
3	16QAM	1	8	23.93	23.73	23.60	
3	16QAM	1	14	24.02	23.77	23.66	
3	16QAM	8	0	23.13	22.86	22.70	23.4
3	16QAM	8	4	23.10	22.82	22.69	
3	16QAM	8	7	23.14	22.85	22.75	
3	16QAM	15	0	23.07	22.79	22.67	
3	64QAM	1	0	23.17	22.90	22.80	23.4
3	64QAM	1	8	23.07	22.81	22.71	
3	64QAM	1	14	23.15	22.88	22.79	
3	64QAM	8	0	22.19	21.94	21.77	22.4
3	64QAM	8	4	22.16	21.90	21.78	
3	64QAM	8	7	22.19	21.90	21.79	
3	64QAM	15	0	22.14	21.92	21.74	
3	256QAM	1	0	20.16	20.00	19.72	20.4
3	256QAM	1	8	20.12	19.91	19.75	
3	256QAM	1	14	20.19	19.97	19.82	
3	256QAM	8	0	20.35	20.16	19.92	20.4
3	256QAM	8	4	20.32	20.12	19.91	
3	256QAM	8	7	20.33	20.14	19.90	
3	256QAM	15	0	20.33	20.13	19.93	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.93	24.68	24.56	25.4
1.4	QPSK	1	3	24.85	24.62	24.45	
1.4	QPSK	1	5	24.97	24.73	24.64	
1.4	QPSK	3	0	24.98	24.83	24.62	
1.4	QPSK	3	1	24.96	24.79	24.64	
1.4	QPSK	3	3	24.94	24.69	24.62	
1.4	QPSK	6	0	24.00	23.78	23.68	24.4
1.4	16QAM	1	0	24.05	23.88	23.67	24.4
1.4	16QAM	1	3	23.99	23.79	23.63	
1.4	16QAM	1	5	24.08	23.87	23.73	
1.4	16QAM	3	0	24.09	23.85	23.77	
1.4	16QAM	3	1	24.06	23.91	23.67	



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**Report No. : FA102843-05E**

1.4	16QAM	3	3	24.03	23.84	23.63	
1.4	16QAM	6	0	23.04	22.84	22.66	23.4
1.4	64QAM	1	0	23.15	22.95	22.82	23.4
1.4	64QAM	1	3	23.02	22.78	22.68	
1.4	64QAM	1	5	23.13	22.95	22.81	
1.4	64QAM	3	0	23.09	22.91	22.76	
1.4	64QAM	3	1	23.08	22.90	22.68	
1.4	64QAM	3	3	23.02	22.80	22.67	
1.4	64QAM	6	0	21.99	21.82	21.63	22.4
1.4	256QAM	1	0	20.15	19.97	19.85	20.4
1.4	256QAM	1	3	20.00	19.78	19.70	
1.4	256QAM	1	5	20.06	19.89	19.75	
1.4	256QAM	3	0	20.22	20.03	19.83	
1.4	256QAM	3	1	19.99	19.77	19.67	
1.4	256QAM	3	3	19.85	19.70	19.45	
1.4	256QAM	6	0	20.06	19.84	19.75	20.4



FDD LTE Band 66\_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	17.57	17.49	17.57	18
20	QPSK	1	49	17.56	17.48	17.51	
20	QPSK	1	99	17.25	17.20	17.15	
20	QPSK	50	0	17.38	17.34	17.33	18
20	QPSK	50	24	17.21	17.16	17.12	
20	QPSK	50	50	17.28	17.23	17.20	
20	QPSK	100	0	17.10	17.06	17.04	
20	16QAM	1	0	17.57	17.47	17.48	18
20	16QAM	1	49	17.59	17.58	17.55	
20	16QAM	1	99	17.31	17.29	17.31	
20	16QAM	50	0	17.38	17.38	17.35	18
20	16QAM	50	24	17.21	17.14	17.21	
20	16QAM	50	50	17.26	17.18	17.26	
20	16QAM	100	0	17.34	17.26	17.33	
20	64QAM	1	0	17.53	17.51	17.48	18
20	64QAM	1	49	17.52	17.49	17.48	
20	64QAM	1	99	17.31	17.28	17.30	
20	64QAM	50	0	17.41	17.34	17.40	18
20	64QAM	50	24	17.34	17.32	17.28	
20	64QAM	50	50	17.30	17.26	17.28	
20	64QAM	100	0	17.33	17.26	17.29	
20	256QAM	1	0	17.53	17.48	17.50	18
20	256QAM	1	49	17.56	17.50	17.51	
20	256QAM	1	99	17.29	17.23	17.28	
20	256QAM	50	0	17.38	17.28	17.29	18
20	256QAM	50	24	17.31	17.21	17.28	
20	256QAM	50	50	17.27	17.25	17.18	
20	256QAM	100	0	17.28	17.23	17.19	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	17.57	17.39	17.50	18
15	QPSK	1	37	17.49	17.44	17.51	
15	QPSK	1	74	17.21	17.16	17.13	
15	QPSK	36	0	17.37	17.31	17.27	18
15	QPSK	36	20	17.17	17.11	17.04	
15	QPSK	36	39	17.19	17.16	17.18	
15	QPSK	75	0	17.01	16.98	17.01	
15	16QAM	1	0	17.54	17.44	17.48	18
15	16QAM	1	37	17.58	17.53	17.53	
15	16QAM	1	74	17.28	17.27	17.24	
15	16QAM	36	0	17.34	17.33	17.32	18
15	16QAM	36	20	17.12	17.05	17.16	
15	16QAM	36	39	17.24	17.11	17.22	
15	16QAM	75	0	17.29	17.24	17.24	
15	64QAM	1	0	17.51	17.46	17.40	18
15	64QAM	1	37	17.50	17.41	17.39	
15	64QAM	1	74	17.31	17.25	17.22	
15	64QAM	36	0	17.36	17.30	17.34	18
15	64QAM	36	20	17.28	17.22	17.19	
15	64QAM	36	39	17.20	17.20	17.19	



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**Report No. : FA102843-05E**

15	64QAM	75	0	17.33	17.16	17.26	
15	256QAM	1	0	17.43	17.41	17.48	18
15	256QAM	1	37	17.55	17.46	17.44	
15	256QAM	1	74	17.27	17.23	17.19	
15	256QAM	36	0	17.28	17.25	17.29	18
15	256QAM	36	20	17.24	17.21	17.19	
15	256QAM	36	39	17.27	17.18	17.16	
15	256QAM	75	0	17.22	17.18	17.11	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	17.54	17.41	17.50	18
10	QPSK	1	25	17.47	17.48	17.41	
10	QPSK	1	49	17.18	17.14	17.15	
10	QPSK	25	0	17.36	17.34	17.23	18
10	QPSK	25	12	17.15	17.06	17.09	
10	QPSK	25	25	17.22	17.21	17.14	
10	QPSK	50	0	17.02	17.01	16.94	
10	16QAM	1	0	17.49	17.44	17.42	18
10	16QAM	1	25	17.58	17.52	17.45	
10	16QAM	1	49	17.29	17.29	17.26	
10	16QAM	25	0	17.31	17.28	17.31	18
10	16QAM	25	12	17.19	17.10	17.15	
10	16QAM	25	25	17.18	17.09	17.19	
10	16QAM	50	0	17.25	17.24	17.25	
10	64QAM	1	0	17.49	17.51	17.41	18
10	64QAM	1	25	17.50	17.39	17.40	
10	64QAM	1	49	17.21	17.26	17.25	
10	64QAM	25	0	17.36	17.29	17.30	18
10	64QAM	25	12	17.31	17.31	17.22	
10	64QAM	25	25	17.25	17.26	17.24	
10	64QAM	50	0	17.29	17.18	17.24	
10	256QAM	1	0	17.46	17.41	17.42	18
10	256QAM	1	25	17.47	17.50	17.51	
10	256QAM	1	49	17.26	17.13	17.21	
10	256QAM	25	0	17.38	17.24	17.27	18
10	256QAM	25	12	17.22	17.16	17.25	
10	256QAM	25	25	17.17	17.24	17.12	
10	256QAM	50	0	17.25	17.21	17.12	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	17.47	17.46	17.57	18
5	QPSK	1	12	17.54	17.45	17.42	
5	QPSK	1	24	17.16	17.18	17.13	
5	QPSK	12	0	17.29	17.31	17.23	18
5	QPSK	12	7	17.18	17.11	17.09	
5	QPSK	12	13	17.18	17.15	17.15	
5	QPSK	25	0	17.02	17.02	16.95	
5	16QAM	1	0	17.57	17.46	17.40	18
5	16QAM	1	12	17.51	17.52	17.53	
5	16QAM	1	24	17.31	17.26	17.22	
5	16QAM	12	0	17.38	17.37	17.29	18
5	16QAM	12	7	17.14	17.06	17.14	
5	16QAM	12	13	17.17	17.11	17.16	
5	16QAM	25	0	17.34	17.18	17.27	
5	64QAM	1	0	17.49	17.41	17.39	18
5	64QAM	1	12	17.50	17.45	17.48	



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5	64QAM	1	24	17.26	17.26	17.23	
5	64QAM	12	0	17.34	17.28	17.34	18
5	64QAM	12	7	17.25	17.31	17.26	
5	64QAM	12	13	17.20	17.25	17.27	
5	64QAM	25	0	17.26	17.18	17.21	
5	256QAM	1	0	17.53	17.40	17.49	18
5	256QAM	1	12	17.53	17.46	17.49	
5	256QAM	1	24	17.21	17.21	17.26	
5	256QAM	12	0	17.37	17.26	17.25	18
5	256QAM	12	7	17.25	17.16	17.22	
5	256QAM	12	13	17.22	17.24	17.14	
5	256QAM	25	0	17.20	17.13	17.09	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	17.48	17.43	17.51	18
3	QPSK	1	8	17.52	17.45	17.44	
3	QPSK	1	14	17.16	17.20	17.11	
3	QPSK	8	0	17.34	17.28	17.28	18
3	QPSK	8	4	17.14	17.09	17.02	
3	QPSK	8	7	17.23	17.13	17.10	
3	QPSK	15	0	17.09	16.97	16.94	
3	16QAM	1	0	17.50	17.43	17.48	18
3	16QAM	1	8	17.56	17.55	17.55	
3	16QAM	1	14	17.21	17.27	17.30	
3	16QAM	8	0	17.32	17.31	17.28	18
3	16QAM	8	4	17.19	17.05	17.12	
3	16QAM	8	7	17.16	17.11	17.22	
3	16QAM	15	0	17.27	17.17	17.24	
3	64QAM	1	0	17.49	17.47	17.48	18
3	64QAM	1	8	17.51	17.40	17.39	
3	64QAM	1	14	17.24	17.26	17.22	
3	64QAM	8	0	17.36	17.28	17.31	18
3	64QAM	8	4	17.28	17.28	17.26	
3	64QAM	8	7	17.21	17.22	17.28	
3	64QAM	15	0	17.27	17.22	17.24	
3	256QAM	1	0	17.44	17.40	17.41	18
3	256QAM	1	8	17.54	17.42	17.47	
3	256QAM	1	14	17.19	17.19	17.18	
3	256QAM	8	0	17.35	17.23	17.19	18
3	256QAM	8	4	17.26	17.18	17.28	
3	256QAM	8	7	17.23	17.16	17.18	
3	256QAM	15	0	17.19	17.15	17.18	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	17.49	17.40	17.52	18
1.4	QPSK	1	3	17.55	17.48	17.48	
1.4	QPSK	1	5	17.24	17.18	17.11	
1.4	QPSK	3	0	17.29	17.28	17.31	
1.4	QPSK	3	1	17.15	17.15	17.11	
1.4	QPSK	3	3	17.28	17.15	17.17	
1.4	QPSK	6	0	17.09	16.98	16.98	18
1.4	16QAM	1	0	17.49	17.44	17.41	18
1.4	16QAM	1	3	17.50	17.48	17.49	
1.4	16QAM	1	5	17.22	17.24	17.26	
1.4	16QAM	3	0	17.32	17.32	17.27	
1.4	16QAM	3	1	17.15	17.05	17.20	



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1.4	16QAM	3	3	17.25	17.10	17.19	
1.4	16QAM	6	0	17.33	17.23	17.30	18
1.4	64QAM	1	0	17.46	17.43	17.47	18
1.4	64QAM	1	3	17.44	17.42	17.38	
1.4	64QAM	1	5	17.29	17.19	17.27	
1.4	64QAM	3	0	17.40	17.34	17.35	
1.4	64QAM	3	1	17.29	17.30	17.22	
1.4	64QAM	3	3	17.30	17.20	17.26	
1.4	64QAM	6	0	17.31	17.21	17.20	18
1.4	256QAM	1	0	17.48	17.41	17.43	18
1.4	256QAM	1	3	17.48	17.50	17.46	
1.4	256QAM	1	5	17.29	17.18	17.24	
1.4	256QAM	3	0	17.30	17.26	17.27	
1.4	256QAM	3	1	17.24	17.13	17.27	
1.4	256QAM	3	3	17.27	17.17	17.13	
1.4	256QAM	6	0	17.23	17.21	17.10	18



FDD LTE Band 66\_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	16.58	16.50	16.51	16.8
20	QPSK	1	49	16.57	16.47	16.51	
20	QPSK	1	99	16.24	16.21	16.20	
20	QPSK	50	0	16.44	16.39	16.40	16.8
20	QPSK	50	24	16.38	16.32	16.37	
20	QPSK	50	50	16.31	16.29	16.27	
20	QPSK	100	0	16.01	15.99	15.98	
20	16QAM	1	0	16.53	16.52	16.44	16.8
20	16QAM	1	49	16.60	16.53	16.50	
20	16QAM	1	99	16.26	16.24	16.24	
20	16QAM	50	0	16.42	16.35	16.36	16.8
20	16QAM	50	24	16.37	16.36	16.35	
20	16QAM	50	50	16.28	16.24	16.21	
20	16QAM	100	0	16.29	16.27	16.28	
20	64QAM	1	0	16.16	16.08	16.09	16.8
20	64QAM	1	49	16.15	16.06	16.11	
20	64QAM	1	99	15.91	15.87	15.82	
20	64QAM	50	0	16.42	16.42	16.39	16.8
20	64QAM	50	24	16.37	16.28	16.30	
20	64QAM	50	50	16.29	16.28	16.24	
20	64QAM	100	0	16.31	16.29	16.21	
20	256QAM	1	0	16.17	16.16	16.17	16.8
20	256QAM	1	49	16.21	16.18	16.14	
20	256QAM	1	99	15.92	15.82	15.91	
20	256QAM	50	0	16.42	16.40	16.34	16.8
20	256QAM	50	24	16.37	16.37	16.35	
20	256QAM	50	50	16.29	16.25	16.19	
20	256QAM	100	0	16.30	16.21	16.24	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	16.58	16.44	16.45	16.8
15	QPSK	1	37	16.55	16.47	16.46	
15	QPSK	1	74	16.22	16.13	16.16	
15	QPSK	36	0	16.39	16.36	16.31	16.8
15	QPSK	36	20	16.35	16.25	16.36	
15	QPSK	36	39	16.28	16.26	16.26	
15	QPSK	75	0	15.96	15.96	15.90	
15	16QAM	1	0	16.53	16.50	16.43	16.8
15	16QAM	1	37	16.56	16.49	16.50	
15	16QAM	1	74	16.24	16.16	16.16	
15	16QAM	36	0	16.36	16.33	16.31	16.8
15	16QAM	36	20	16.36	16.32	16.35	
15	16QAM	36	39	16.25	16.21	16.21	
15	16QAM	75	0	16.22	16.26	16.28	
15	64QAM	1	0	16.07	16.04	16.06	16.8
15	64QAM	1	37	16.06	16.06	16.09	
15	64QAM	1	74	15.82	15.84	15.74	
15	64QAM	36	0	16.35	16.33	16.35	16.8
15	64QAM	36	20	16.35	16.19	16.24	
15	64QAM	36	39	16.20	16.20	16.21	





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15	64QAM	75	0	16.31	16.20	16.18	
15	256QAM	1	0	16.10	16.10	16.15	16.8
15	256QAM	1	37	16.17	16.08	16.13	
15	256QAM	1	74	15.91	15.77	15.83	
15	256QAM	36	0	16.42	16.33	16.32	16.8
15	256QAM	36	20	16.27	16.31	16.30	
15	256QAM	36	39	16.22	16.15	16.10	
15	256QAM	75	0	16.22	16.15	16.16	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	16.51	16.49	16.51	16.8
10	QPSK	1	25	16.47	16.39	16.48	
10	QPSK	1	49	16.16	16.12	16.17	
10	QPSK	25	0	16.40	16.32	16.36	16.8
10	QPSK	25	12	16.30	16.32	16.35	
10	QPSK	25	25	16.27	16.25	16.21	
10	QPSK	50	0	15.99	15.89	15.89	
10	16QAM	1	0	16.44	16.48	16.38	16.8
10	16QAM	1	25	16.59	16.52	16.50	
10	16QAM	1	49	16.26	16.15	16.20	
10	16QAM	25	0	16.34	16.33	16.35	16.8
10	16QAM	25	12	16.29	16.29	16.31	
10	16QAM	25	25	16.24	16.14	16.11	
10	16QAM	50	0	16.21	16.17	16.24	
10	64QAM	1	0	16.06	16.05	16.01	16.8
10	64QAM	1	25	16.07	15.98	16.08	
10	64QAM	1	49	15.85	15.81	15.72	
10	64QAM	25	0	16.42	16.38	16.29	16.8
10	64QAM	25	12	16.33	16.23	16.21	
10	64QAM	25	25	16.25	16.18	16.21	
10	64QAM	50	0	16.25	16.28	16.20	
10	256QAM	1	0	16.17	16.14	16.12	16.8
10	256QAM	1	25	16.19	16.16	16.06	
10	256QAM	1	49	15.82	15.78	15.83	
10	256QAM	25	0	16.37	16.35	16.25	16.8
10	256QAM	25	12	16.28	16.35	16.31	
10	256QAM	25	25	16.26	16.20	16.17	
10	256QAM	50	0	16.20	16.19	16.17	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	16.49	16.45	16.51	16.8
5	QPSK	1	12	16.47	16.39	16.50	
5	QPSK	1	24	16.18	16.14	16.11	
5	QPSK	12	0	16.35	16.30	16.34	16.8
5	QPSK	12	7	16.35	16.26	16.27	
5	QPSK	12	13	16.24	16.28	16.18	
5	QPSK	25	0	15.93	15.94	15.97	
5	16QAM	1	0	16.47	16.44	16.43	16.8
5	16QAM	1	12	16.59	16.51	16.46	
5	16QAM	1	24	16.26	16.17	16.23	
5	16QAM	12	0	16.42	16.31	16.36	16.8
5	16QAM	12	7	16.37	16.27	16.30	
5	16QAM	12	13	16.20	16.22	16.11	
5	16QAM	25	0	16.27	16.27	16.23	
5	64QAM	1	0	16.12	16.02	16.05	16.8
5	64QAM	1	12	16.09	16.01	16.04	



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5	64QAM	1	24	15.82	15.83	15.75	16.8
5	64QAM	12	0	16.32	16.41	16.39	
5	64QAM	12	7	16.31	16.25	16.24	
5	64QAM	12	13	16.24	16.19	16.15	
5	64QAM	25	0	16.31	16.27	16.17	16.8
5	256QAM	1	0	16.07	16.06	16.11	
5	256QAM	1	12	16.14	16.15	16.06	
5	256QAM	1	24	15.87	15.72	15.82	
5	256QAM	12	0	16.33	16.34	16.27	16.8
5	256QAM	12	7	16.32	16.29	16.27	
5	256QAM	12	13	16.19	16.19	16.12	
5	256QAM	25	0	16.27	16.19	16.24	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	16.57	16.49	16.50	16.8
3	QPSK	1	8	16.50	16.47	16.42	
3	QPSK	1	14	16.15	16.19	16.16	
3	QPSK	8	0	16.43	16.34	16.31	16.8
3	QPSK	8	4	16.28	16.31	16.33	
3	QPSK	8	7	16.29	16.23	16.21	
3	QPSK	15	0	15.97	15.96	15.94	
3	16QAM	1	0	16.51	16.45	16.42	16.8
3	16QAM	1	8	16.59	16.50	16.43	
3	16QAM	1	14	16.24	16.21	16.23	
3	16QAM	8	0	16.32	16.28	16.32	16.8
3	16QAM	8	4	16.30	16.28	16.31	
3	16QAM	8	7	16.18	16.19	16.18	
3	16QAM	15	0	16.20	16.24	16.27	
3	64QAM	1	0	16.06	16.07	16.03	16.8
3	64QAM	1	8	16.12	16.03	16.11	
3	64QAM	1	14	15.82	15.82	15.82	
3	64QAM	8	0	16.38	16.36	16.38	16.8
3	64QAM	8	4	16.36	16.24	16.29	
3	64QAM	8	7	16.25	16.22	16.23	
3	64QAM	15	0	16.28	16.28	16.21	
3	256QAM	1	0	16.10	16.14	16.17	16.8
3	256QAM	1	8	16.11	16.11	16.04	
3	256QAM	1	14	15.83	15.73	15.87	
3	256QAM	8	0	16.41	16.36	16.25	16.8
3	256QAM	8	4	16.32	16.35	16.30	
3	256QAM	8	7	16.26	16.16	16.11	
3	256QAM	15	0	16.21	16.17	16.18	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	16.49	16.49	16.46	16.8
1.4	QPSK	1	3	16.50	16.44	16.47	
1.4	QPSK	1	5	16.14	16.14	16.14	
1.4	QPSK	3	0	16.38	16.35	16.30	
1.4	QPSK	3	1	16.33	16.23	16.27	
1.4	QPSK	3	3	16.23	16.20	16.23	
1.4	QPSK	6	0	15.95	15.97	15.88	16.8
1.4	16QAM	1	0	16.45	16.42	16.44	16.8
1.4	16QAM	1	3	16.52	16.47	16.41	
1.4	16QAM	1	5	16.22	16.17	16.17	
1.4	16QAM	3	0	16.34	16.32	16.28	
1.4	16QAM	3	1	16.34	16.27	16.30	



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**Report No. : FA102843-05E**

1.4	16QAM	3	3	16.21	16.20	16.20	
1.4	16QAM	6	0	16.26	16.20	16.23	16.8
1.4	64QAM	1	0	16.14	16.05	16.07	16.8
1.4	64QAM	1	3	16.09	16.06	16.04	
1.4	64QAM	1	5	15.81	15.84	15.78	
1.4	64QAM	3	0	16.32	16.32	16.32	
1.4	64QAM	3	1	16.29	16.27	16.28	
1.4	64QAM	3	3	16.28	16.24	16.14	
1.4	64QAM	6	0	16.23	16.19	16.21	16.8
1.4	256QAM	1	0	16.10	16.16	16.12	16.8
1.4	256QAM	1	3	16.15	16.10	16.04	
1.4	256QAM	1	5	15.92	15.74	15.87	
1.4	256QAM	3	0	16.40	16.36	16.26	
1.4	256QAM	3	1	16.34	16.31	16.25	
1.4	256QAM	3	3	16.21	16.15	16.14	
1.4	256QAM	6	0	16.30	16.20	16.16	16.8



FDD LTE Band 66\_Sub (Index 4)

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	22.63	22.59	22.56	23.2
20	QPSK	1	49	22.62	22.61	22.59	
20	QPSK	1	99	22.29	22.21	22.19	
20	QPSK	50	0	22.39	22.31	22.30	23.2
20	QPSK	50	24	22.32	22.27	22.31	
20	QPSK	50	50	22.34	22.30	22.25	
20	QPSK	100	0	22.25	22.23	22.19	
20	16QAM	1	0	22.50	22.46	22.40	23.2
20	16QAM	1	49	22.67	22.63	22.66	
20	16QAM	1	99	22.30	22.29	22.20	
20	16QAM	50	0	22.38	22.28	22.35	23.2
20	16QAM	50	24	22.32	22.32	22.26	
20	16QAM	50	50	22.24	22.24	22.23	
20	16QAM	100	0	22.32	22.28	22.27	
20	64QAM	1	0	22.49	22.48	22.48	23.2
20	64QAM	1	49	22.54	22.54	22.48	
20	64QAM	1	99	22.27	22.19	22.21	
20	64QAM	50	0	21.49	21.41	21.48	22.2
20	64QAM	50	24	21.45	21.41	21.37	
20	64QAM	50	50	21.38	21.33	21.31	
20	64QAM	100	0	21.43	21.36	21.33	
20	256QAM	1	0	19.55	19.51	19.52	20.2
20	256QAM	1	49	19.60	19.58	19.54	
20	256QAM	1	99	19.35	19.30	19.25	
20	256QAM	50	0	19.45	19.45	19.35	20.2
20	256QAM	50	24	19.41	19.38	19.37	
20	256QAM	50	50	19.33	19.29	19.27	
20	256QAM	100	0	19.38	19.29	19.31	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.61	22.53	22.47	23.2
15	QPSK	1	37	22.57	22.55	22.58	
15	QPSK	1	74	22.23	22.15	22.14	
15	QPSK	36	0	22.36	22.24	22.30	23.2
15	QPSK	36	20	22.26	22.21	22.26	
15	QPSK	36	39	22.25	22.24	22.19	
15	QPSK	75	0	22.21	22.17	22.14	
15	16QAM	1	0	22.50	22.44	22.39	23.2
15	16QAM	1	37	22.63	22.61	22.64	
15	16QAM	1	74	22.24	22.29	22.19	
15	16QAM	36	0	22.34	22.23	22.35	23.2
15	16QAM	36	20	22.32	22.30	22.18	
15	16QAM	36	39	22.20	22.22	22.16	
15	16QAM	75	0	22.25	22.28	22.20	
15	64QAM	1	0	22.42	22.38	22.44	23.2
15	64QAM	1	37	22.48	22.50	22.45	
15	64QAM	1	74	22.27	22.15	22.17	
15	64QAM	36	0	21.41	21.35	21.45	22.2
15	64QAM	36	20	21.40	21.33	21.34	
15	64QAM	36	39	21.34	21.26	21.30	
15	64QAM	75	0	21.35	21.36	21.28	



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15	256QAM	1	0	19.51	19.46	19.42	20.2
15	256QAM	1	37	19.52	19.52	19.51	
15	256QAM	1	74	19.34	19.30	19.25	
15	256QAM	36	0	19.40	19.42	19.32	20.2
15	256QAM	36	20	19.41	19.38	19.30	
15	256QAM	36	39	19.30	19.19	19.23	
15	256QAM	75	0	19.38	19.22	19.25	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.53	22.59	22.46	23.2
10	QPSK	1	25	22.56	22.52	22.52	
10	QPSK	1	49	22.25	22.11	22.14	
10	QPSK	25	0	22.36	22.29	22.27	23.2
10	QPSK	25	12	22.30	22.27	22.28	
10	QPSK	25	25	22.25	22.28	22.23	
10	QPSK	50	0	22.21	22.19	22.19	
10	16QAM	1	0	22.45	22.44	22.33	23.2
10	16QAM	1	25	22.58	22.63	22.59	
10	16QAM	1	49	22.20	22.20	22.15	
10	16QAM	25	0	22.30	22.22	22.32	23.2
10	16QAM	25	12	22.23	22.28	22.25	
10	16QAM	25	25	22.20	22.14	22.22	
10	16QAM	50	0	22.29	22.18	22.22	
10	64QAM	1	0	22.47	22.40	22.46	23.2
10	64QAM	1	25	22.44	22.44	22.38	
10	64QAM	1	49	22.26	22.19	22.15	
10	64QAM	25	0	21.40	21.40	21.48	22.2
10	64QAM	25	12	21.43	21.38	21.30	
10	64QAM	25	25	21.34	21.32	21.26	
10	64QAM	50	0	21.33	21.35	21.24	
10	256QAM	1	0	19.49	19.46	19.52	20.2
10	256QAM	1	25	19.52	19.49	19.46	
10	256QAM	1	49	19.33	19.24	19.19	
10	256QAM	25	0	19.38	19.38	19.28	20.2
10	256QAM	25	12	19.32	19.31	19.33	
10	256QAM	25	25	19.25	19.21	19.23	
10	256QAM	50	0	19.30	19.19	19.31	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.63	22.51	22.49	23.2
5	QPSK	1	12	22.56	22.53	22.57	
5	QPSK	1	24	22.27	22.20	22.17	
5	QPSK	12	0	22.32	22.28	22.23	23.2
5	QPSK	12	7	22.22	22.17	22.28	
5	QPSK	12	13	22.24	22.27	22.25	
5	QPSK	25	0	22.25	22.13	22.16	
5	16QAM	1	0	22.49	22.40	22.40	23.2
5	16QAM	1	12	22.65	22.57	22.65	
5	16QAM	1	24	22.20	22.23	22.18	
5	16QAM	12	0	22.34	22.21	22.29	23.2
5	16QAM	12	7	22.26	22.26	22.17	
5	16QAM	12	13	22.24	22.22	22.14	
5	16QAM	25	0	22.29	22.20	22.25	
5	64QAM	1	0	22.44	22.41	22.44	23.2
5	64QAM	1	12	22.49	22.46	22.47	
5	64QAM	1	24	22.18	22.14	22.11	



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5	64QAM	12	0	21.42	21.39	21.39	22.2
5	64QAM	12	7	21.41	21.41	21.29	
5	64QAM	12	13	21.35	21.31	21.24	
5	64QAM	25	0	21.34	21.29	21.27	
5	256QAM	1	0	19.50	19.51	19.45	20.2
5	256QAM	1	12	19.50	19.58	19.47	
5	256QAM	1	24	19.27	19.29	19.15	
5	256QAM	12	0	19.43	19.45	19.29	20.2
5	256QAM	12	7	19.39	19.31	19.37	
5	256QAM	12	13	19.23	19.27	19.25	
5	256QAM	25	0	19.30	19.24	19.27	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.60	22.55	22.48	23.2
3	QPSK	1	8	22.55	22.58	22.57	
3	QPSK	1	14	22.28	22.20	22.11	
3	QPSK	8	0	22.37	22.28	22.22	23.2
3	QPSK	8	4	22.27	22.20	22.23	
3	QPSK	8	7	22.24	22.23	22.18	
3	QPSK	15	0	22.25	22.20	22.13	
3	16QAM	1	0	22.44	22.46	22.30	23.2
3	16QAM	1	8	22.57	22.58	22.65	
3	16QAM	1	14	22.24	22.23	22.18	
3	16QAM	8	0	22.32	22.22	22.25	23.2
3	16QAM	8	4	22.25	22.26	22.17	
3	16QAM	8	7	22.14	22.22	22.16	
3	16QAM	15	0	22.32	22.25	22.19	
3	64QAM	1	0	22.42	22.45	22.38	23.2
3	64QAM	1	8	22.48	22.54	22.41	
3	64QAM	1	14	22.19	22.17	22.17	
3	64QAM	8	0	21.47	21.41	21.47	22.2
3	64QAM	8	4	21.40	21.31	21.32	
3	64QAM	8	7	21.33	21.29	21.22	
3	64QAM	15	0	21.40	21.26	21.27	
3	256QAM	1	0	19.52	19.47	19.44	20.2
3	256QAM	1	8	19.50	19.55	19.49	
3	256QAM	1	14	19.26	19.22	19.19	
3	256QAM	8	0	19.42	19.37	19.26	20.2
3	256QAM	8	4	19.33	19.36	19.27	
3	256QAM	8	7	19.26	19.22	19.24	
3	256QAM	15	0	19.29	19.24	19.28	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.55	22.53	22.44	23.2
1.4	QPSK	1	3	22.58	22.53	22.38	
1.4	QPSK	1	5	22.52	22.52	22.40	
1.4	QPSK	3	0	22.55	22.53	22.45	
1.4	QPSK	3	1	22.55	22.45	22.42	
1.4	QPSK	3	3	22.56	22.50	22.46	
1.4	QPSK	6	0	22.54	22.55	22.42	23.2
1.4	16QAM	1	0	22.57	22.45	22.39	23.2
1.4	16QAM	1	3	22.52	22.45	22.47	
1.4	16QAM	1	5	22.57	22.51	22.45	
1.4	16QAM	3	0	22.54	22.49	22.39	
1.4	16QAM	3	1	22.52	22.53	22.40	
1.4	16QAM	3	3	22.58	22.47	22.47	



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1.4	16QAM	6	0	22.50	22.49	22.43	23.2
1.4	64QAM	1	0	22.59	22.47	22.45	23.2
1.4	64QAM	1	3	22.53	22.55	22.48	
1.4	64QAM	1	5	22.59	22.45	22.47	
1.4	64QAM	3	0	22.53	22.53	22.39	
1.4	64QAM	3	1	22.50	22.51	22.40	
1.4	64QAM	3	3	22.58	22.48	22.42	
1.4	64QAM	6	0	21.38	21.36	21.41	22.2
1.4	256QAM	1	0	19.44	19.38	19.35	20.2
1.4	256QAM	1	3	19.42	19.45	19.45	
1.4	256QAM	1	5	19.25	19.20	19.09	
1.4	256QAM	3	0	19.40	19.33	19.19	
1.4	256QAM	3	1	19.25	19.30	19.19	
1.4	256QAM	3	3	19.19	19.15	19.18	
1.4	256QAM	6	0	19.29	19.20	19.20	20.2



FDD LTE Band 66\_Sub (Index 5)

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	23.35	23.34	23.34	24.6
20	QPSK	1	49	23.30	23.28	23.20	
20	QPSK	1	99	23.32	23.25	23.26	
20	QPSK	50	0	23.29	23.19	23.27	24.1
20	QPSK	50	24	23.22	23.15	23.22	
20	QPSK	50	50	22.86	22.86	22.83	
20	QPSK	100	0	23.05	22.99	23.01	
20	16QAM	1	0	23.31	23.30	23.28	24.1
20	16QAM	1	49	23.45	23.37	23.39	
20	16QAM	1	99	23.44	23.36	23.39	
20	16QAM	50	0	22.31	22.30	22.22	23.1
20	16QAM	50	24	22.38	22.30	22.36	
20	16QAM	50	50	22.22	22.16	22.13	
20	16QAM	100	0	22.11	22.05	22.02	
20	64QAM	1	0	22.78	22.74	22.75	23.1
20	64QAM	1	49	22.81	22.80	22.72	
20	64QAM	1	99	22.55	22.54	22.45	
20	64QAM	50	0	21.09	21.06	21.00	22.1
20	64QAM	50	24	21.14	21.08	21.05	
20	64QAM	50	50	20.77	20.77	20.69	
20	64QAM	100	0	21.08	21.07	20.99	
20	256QAM	1	0	19.79	19.78	19.80	20.1
20	256QAM	1	49	19.78	19.70	19.58	
20	256QAM	1	99	19.52	19.45	19.44	
20	256QAM	50	0	19.59	19.49	19.48	20.1
20	256QAM	50	24	19.60	19.59	19.46	
20	256QAM	50	50	19.54	19.50	19.48	
20	256QAM	100	0	19.59	19.54	19.56	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.26	23.29	23.28	24.6
15	QPSK	1	37	23.25	23.24	23.20	
15	QPSK	1	74	23.32	23.22	23.22	
15	QPSK	36	0	23.28	23.16	23.17	24.1
15	QPSK	36	20	23.12	23.11	23.15	
15	QPSK	36	39	22.86	22.78	22.80	
15	QPSK	75	0	23.01	22.99	23.01	
15	16QAM	1	0	23.25	23.27	23.20	24.1
15	16QAM	1	37	23.38	23.36	23.32	
15	16QAM	1	74	23.41	23.32	23.29	
15	16QAM	36	0	22.31	22.22	22.18	23.1
15	16QAM	36	20	22.38	22.24	22.29	
15	16QAM	36	39	22.17	22.08	22.10	
15	16QAM	75	0	22.03	22.04	21.94	
15	64QAM	1	0	22.72	22.64	22.66	23.1
15	64QAM	1	37	22.74	22.71	22.69	
15	64QAM	1	74	22.55	22.50	22.38	
15	64QAM	36	0	21.06	20.97	20.93	22.1
15	64QAM	36	20	21.06	21.07	20.95	
15	64QAM	36	39	20.70	20.72	20.61	
15	64QAM	75	0	21.07	21.02	20.95	





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15	256QAM	1	0	19.78	19.69	19.70	20.1
15	256QAM	1	37	19.73	19.68	19.55	
15	256QAM	1	74	19.52	19.39	19.41	
15	256QAM	36	0	19.58	19.41	19.40	20.1
15	256QAM	36	20	19.60	19.57	19.39	
15	256QAM	36	39	19.47	19.48	19.41	
15	256QAM	75	0	19.56	19.45	19.54	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.28	23.24	23.34	24.6
10	QPSK	1	25	23.23	23.24	23.13	
10	QPSK	1	49	23.30	23.25	23.17	
10	QPSK	25	0	23.19	23.15	23.23	24.1
10	QPSK	25	12	23.22	23.07	23.17	
10	QPSK	25	25	22.83	22.80	22.75	
10	QPSK	50	0	22.95	22.92	22.99	
10	16QAM	1	0	23.21	23.28	23.20	24.1
10	16QAM	1	25	23.41	23.36	23.39	
10	16QAM	1	49	23.40	23.29	23.34	
10	16QAM	25	0	22.21	22.22	22.14	23.1
10	16QAM	25	12	22.38	22.27	22.36	
10	16QAM	25	25	22.12	22.15	22.06	
10	16QAM	50	0	22.11	22.02	21.99	
10	64QAM	1	0	22.68	22.64	22.73	23.1
10	64QAM	1	25	22.80	22.74	22.69	
10	64QAM	1	49	22.52	22.45	22.36	
10	64QAM	25	0	21.09	20.96	20.95	22.1
10	64QAM	25	12	21.12	21.05	20.97	
10	64QAM	25	25	20.73	20.68	20.69	
10	64QAM	50	0	21.02	20.99	20.95	
10	256QAM	1	0	19.69	19.78	19.75	20.1
10	256QAM	1	25	19.68	19.68	19.52	
10	256QAM	1	49	19.48	19.37	19.37	
10	256QAM	25	0	19.53	19.45	19.41	20.1
10	256QAM	25	12	19.56	19.52	19.44	
10	256QAM	25	25	19.54	19.48	19.38	
10	256QAM	50	0	19.52	19.45	19.47	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.30	23.29	23.34	24.6
5	QPSK	1	12	23.24	23.27	23.20	
5	QPSK	1	24	23.31	23.24	23.20	
5	QPSK	12	0	23.25	23.11	23.17	24.1
5	QPSK	12	7	23.17	23.07	23.15	
5	QPSK	12	13	22.79	22.86	22.73	
5	QPSK	25	0	23.00	22.99	22.99	
5	16QAM	1	0	23.30	23.25	23.21	24.1
5	16QAM	1	12	23.42	23.35	23.37	
5	16QAM	1	24	23.35	23.31	23.39	
5	16QAM	12	0	22.31	22.26	22.12	23.1
5	16QAM	12	7	22.30	22.25	22.32	
5	16QAM	12	13	22.12	22.08	22.07	
5	16QAM	25	0	22.06	22.04	21.98	
5	64QAM	1	0	22.68	22.69	22.75	23.1
5	64QAM	1	12	22.80	22.71	22.70	
5	64QAM	1	24	22.51	22.48	22.42	



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5	64QAM	12	0	21.06	20.96	21.00	22.1
5	64QAM	12	7	21.09	21.01	21.01	
5	64QAM	12	13	20.72	20.67	20.61	
5	64QAM	25	0	21.05	21.07	20.98	
5	256QAM	1	0	19.71	19.70	19.77	20.1
5	256QAM	1	12	19.77	19.66	19.49	
5	256QAM	1	24	19.48	19.37	19.38	
5	256QAM	12	0	19.57	19.44	19.39	20.1
5	256QAM	12	7	19.50	19.52	19.44	
5	256QAM	12	13	19.45	19.40	19.39	
5	256QAM	25	0	19.50	19.52	19.49	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.27	23.33	23.25	24.6
3	QPSK	1	8	23.26	23.23	23.13	
3	QPSK	1	14	23.30	23.20	23.26	
3	QPSK	8	0	23.25	23.16	23.25	24.1
3	QPSK	8	4	23.12	23.07	23.22	
3	QPSK	8	7	22.77	22.76	22.83	
3	QPSK	15	0	23.01	22.92	22.97	
3	16QAM	1	0	23.22	23.24	23.23	24.1
3	16QAM	1	8	23.41	23.35	23.35	
3	16QAM	1	14	23.36	23.28	23.38	
3	16QAM	8	0	22.27	22.24	22.21	23.1
3	16QAM	8	4	22.30	22.23	22.31	
3	16QAM	8	7	22.21	22.16	22.10	
3	16QAM	15	0	22.01	22.01	21.97	
3	64QAM	1	0	22.73	22.73	22.68	23.1
3	64QAM	1	8	22.81	22.75	22.66	
3	64QAM	1	14	22.55	22.54	22.36	
3	64QAM	8	0	21.02	21.04	20.93	
3	64QAM	8	4	21.08	21.04	20.97	22.1
3	64QAM	8	7	20.75	20.73	20.60	
3	64QAM	15	0	21.00	21.04	20.89	
3	256QAM	1	0	19.74	19.69	19.76	
3	256QAM	1	8	19.71	19.64	19.53	20.1
3	256QAM	1	14	19.47	19.43	19.34	
3	256QAM	8	0	19.53	19.44	19.38	
3	256QAM	8	4	19.50	19.52	19.43	20.1
3	256QAM	8	7	19.49	19.42	19.43	
3	256QAM	15	0	19.58	19.51	19.49	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.17	23.19	23.29	24.6
1.4	QPSK	1	3	23.13	23.25	23.24	
1.4	QPSK	1	5	23.14	23.18	23.24	
1.4	QPSK	3	0	23.19	23.28	23.26	
1.4	QPSK	3	1	23.14	23.18	23.22	
1.4	QPSK	3	3	23.19	23.23	23.26	
1.4	QPSK	6	0	23.16	23.20	23.22	24.1
1.4	16QAM	1	0	23.18	23.23	23.13	24.1
1.4	16QAM	1	3	23.16	23.25	23.20	
1.4	16QAM	1	5	23.13	23.27	23.15	
1.4	16QAM	3	0	23.15	23.28	23.16	
1.4	16QAM	3	1	23.17	23.20	23.12	
1.4	16QAM	3	3	23.21	23.22	23.12	



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1.4	16QAM	6	0	22.63	22.71	22.70	23.1
1.4	64QAM	1	0	22.65	22.68	22.63	23.1
1.4	64QAM	1	3	22.61	22.65	22.63	
1.4	64QAM	1	5	22.63	22.73	22.67	
1.4	64QAM	3	0	22.65	22.66	22.66	
1.4	64QAM	3	1	22.56	22.64	22.73	
1.4	64QAM	3	3	22.64	22.70	22.64	
1.4	64QAM	6	0	20.90	21.01	20.89	22.1
1.4	256QAM	1	0	19.76	19.42	19.26	20.1
1.4	256QAM	1	3	19.79	19.35	19.33	
1.4	256QAM	1	5	19.78	19.41	19.25	
1.4	256QAM	3	0	19.73	19.38	19.34	
1.4	256QAM	3	1	19.71	19.35	19.34	
1.4	256QAM	3	3	19.71	19.33	19.24	
1.4	256QAM	6	0	19.78	19.36	19.26	20.1



FDD LTE Band 66\_Sub (Index 6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	22.63	22.59	22.56	23.4
20	QPSK	1	49	22.62	22.61	22.59	
20	QPSK	1	99	22.29	22.21	22.19	
20	QPSK	50	0	22.39	22.31	22.30	23.4
20	QPSK	50	24	22.32	22.27	22.31	
20	QPSK	50	50	22.34	22.30	22.25	
20	QPSK	100	0	22.25	22.23	22.19	
20	16QAM	1	0	22.50	22.46	22.40	23.4
20	16QAM	1	49	22.67	22.63	22.66	
20	16QAM	1	99	22.30	22.29	22.20	
20	16QAM	50	0	22.38	22.28	22.35	23.4
20	16QAM	50	24	22.32	22.32	22.26	
20	16QAM	50	50	22.24	22.24	22.23	
20	16QAM	100	0	22.32	22.28	22.27	
20	64QAM	1	0	22.49	22.48	22.48	23.4
20	64QAM	1	49	22.54	22.54	22.48	
20	64QAM	1	99	22.27	22.19	22.21	
20	64QAM	50	0	21.49	21.41	21.48	22.4
20	64QAM	50	24	21.45	21.41	21.37	
20	64QAM	50	50	21.38	21.33	21.31	
20	64QAM	100	0	21.43	21.36	21.33	
20	256QAM	1	0	19.55	19.51	19.52	20.4
20	256QAM	1	49	19.60	19.58	19.54	
20	256QAM	1	99	19.35	19.30	19.25	
20	256QAM	50	0	19.45	19.45	19.35	20.4
20	256QAM	50	24	19.41	19.38	19.37	
20	256QAM	50	50	19.33	19.29	19.27	
20	256QAM	100	0	19.38	19.29	19.31	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	22.61	22.53	22.47	23.4
15	QPSK	1	37	22.57	22.55	22.58	
15	QPSK	1	74	22.23	22.15	22.14	
15	QPSK	36	0	22.36	22.24	22.30	23.4
15	QPSK	36	20	22.26	22.21	22.26	
15	QPSK	36	39	22.25	22.24	22.19	
15	QPSK	75	0	22.21	22.17	22.14	
15	16QAM	1	0	22.50	22.44	22.39	23.4
15	16QAM	1	37	22.63	22.61	22.64	
15	16QAM	1	74	22.24	22.29	22.19	
15	16QAM	36	0	22.34	22.23	22.35	23.4
15	16QAM	36	20	22.32	22.30	22.18	
15	16QAM	36	39	22.20	22.22	22.16	
15	16QAM	75	0	22.25	22.28	22.20	
15	64QAM	1	0	22.42	22.38	22.44	23.4
15	64QAM	1	37	22.48	22.50	22.45	
15	64QAM	1	74	22.27	22.15	22.17	
15	64QAM	36	0	21.41	21.35	21.45	22.4
15	64QAM	36	20	21.40	21.33	21.34	
15	64QAM	36	39	21.34	21.26	21.30	



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15	64QAM	75	0	21.35	21.36	21.28	
15	256QAM	1	0	19.51	19.46	19.42	20.4
15	256QAM	1	37	19.52	19.52	19.51	
15	256QAM	1	74	19.34	19.30	19.25	
15	256QAM	36	0	19.40	19.42	19.32	20.4
15	256QAM	36	20	19.41	19.38	19.30	
15	256QAM	36	39	19.30	19.19	19.23	
15	256QAM	75	0	19.38	19.22	19.25	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	22.53	22.59	22.46	23.4
10	QPSK	1	25	22.56	22.52	22.52	
10	QPSK	1	49	22.25	22.11	22.14	
10	QPSK	25	0	22.36	22.29	22.27	23.4
10	QPSK	25	12	22.30	22.27	22.28	
10	QPSK	25	25	22.25	22.28	22.23	
10	QPSK	50	0	22.21	22.19	22.19	
10	16QAM	1	0	22.45	22.44	22.33	23.4
10	16QAM	1	25	22.58	22.63	22.59	
10	16QAM	1	49	22.20	22.20	22.15	
10	16QAM	25	0	22.30	22.22	22.32	23.4
10	16QAM	25	12	22.23	22.28	22.25	
10	16QAM	25	25	22.20	22.14	22.22	
10	16QAM	50	0	22.29	22.18	22.22	
10	64QAM	1	0	22.47	22.40	22.46	23.4
10	64QAM	1	25	22.44	22.44	22.38	
10	64QAM	1	49	22.26	22.19	22.15	
10	64QAM	25	0	21.40	21.40	21.48	22.4
10	64QAM	25	12	21.43	21.38	21.30	
10	64QAM	25	25	21.34	21.32	21.26	
10	64QAM	50	0	21.33	21.35	21.24	
10	256QAM	1	0	19.49	19.46	19.52	20.4
10	256QAM	1	25	19.52	19.49	19.46	
10	256QAM	1	49	19.33	19.24	19.19	
10	256QAM	25	0	19.38	19.38	19.28	20.4
10	256QAM	25	12	19.32	19.31	19.33	
10	256QAM	25	25	19.25	19.21	19.23	
10	256QAM	50	0	19.30	19.19	19.31	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	22.63	22.51	22.49	23.4
5	QPSK	1	12	22.56	22.53	22.57	
5	QPSK	1	24	22.27	22.20	22.17	
5	QPSK	12	0	22.32	22.28	22.23	23.4
5	QPSK	12	7	22.22	22.17	22.28	
5	QPSK	12	13	22.24	22.27	22.25	
5	QPSK	25	0	22.25	22.13	22.16	
5	16QAM	1	0	22.49	22.40	22.40	23.4
5	16QAM	1	12	22.65	22.57	22.65	
5	16QAM	1	24	22.20	22.23	22.18	
5	16QAM	12	0	22.34	22.21	22.29	23.4
5	16QAM	12	7	22.26	22.26	22.17	
5	16QAM	12	13	22.24	22.22	22.14	
5	16QAM	25	0	22.29	22.20	22.25	
5	64QAM	1	0	22.44	22.41	22.44	23.4
5	64QAM	1	12	22.49	22.46	22.47	



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5	64QAM	1	24	22.18	22.14	22.11	
5	64QAM	12	0	21.42	21.39	21.39	22.4
5	64QAM	12	7	21.41	21.41	21.29	
5	64QAM	12	13	21.35	21.31	21.24	
5	64QAM	25	0	21.34	21.29	21.27	
5	256QAM	1	0	19.50	19.51	19.45	20.4
5	256QAM	1	12	19.50	19.58	19.47	
5	256QAM	1	24	19.27	19.29	19.15	
5	256QAM	12	0	19.43	19.45	19.29	20.4
5	256QAM	12	7	19.39	19.31	19.37	
5	256QAM	12	13	19.23	19.27	19.25	
5	256QAM	25	0	19.30	19.24	19.27	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	22.60	22.55	22.48	23.4
3	QPSK	1	8	22.55	22.58	22.57	
3	QPSK	1	14	22.28	22.20	22.11	
3	QPSK	8	0	22.37	22.28	22.22	23.4
3	QPSK	8	4	22.27	22.20	22.23	
3	QPSK	8	7	22.24	22.23	22.18	
3	QPSK	15	0	22.25	22.20	22.13	
3	16QAM	1	0	22.44	22.46	22.30	23.4
3	16QAM	1	8	22.57	22.58	22.65	
3	16QAM	1	14	22.24	22.23	22.18	
3	16QAM	8	0	22.32	22.22	22.25	23.4
3	16QAM	8	4	22.25	22.26	22.17	
3	16QAM	8	7	22.14	22.22	22.16	
3	16QAM	15	0	22.32	22.25	22.19	
3	64QAM	1	0	22.42	22.45	22.38	23.4
3	64QAM	1	8	22.48	22.54	22.41	
3	64QAM	1	14	22.19	22.17	22.17	
3	64QAM	8	0	21.47	21.41	21.47	22.4
3	64QAM	8	4	21.40	21.31	21.32	
3	64QAM	8	7	21.33	21.29	21.22	
3	64QAM	15	0	21.40	21.26	21.27	
3	256QAM	1	0	19.52	19.47	19.44	20.4
3	256QAM	1	8	19.50	19.55	19.49	
3	256QAM	1	14	19.26	19.22	19.19	
3	256QAM	8	0	19.42	19.37	19.26	20.4
3	256QAM	8	4	19.33	19.36	19.27	
3	256QAM	8	7	19.26	19.22	19.24	
3	256QAM	15	0	19.29	19.24	19.28	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	22.55	22.53	22.44	23.4
1.4	QPSK	1	3	22.58	22.53	22.38	
1.4	QPSK	1	5	22.52	22.52	22.40	
1.4	QPSK	3	0	22.55	22.53	22.45	
1.4	QPSK	3	1	22.55	22.45	22.42	
1.4	QPSK	3	3	22.56	22.50	22.46	23.4
1.4	QPSK	6	0	22.54	22.55	22.42	
1.4	16QAM	1	0	22.57	22.45	22.39	23.4
1.4	16QAM	1	3	22.52	22.45	22.47	
1.4	16QAM	1	5	22.57	22.51	22.45	
1.4	16QAM	3	0	22.54	22.49	22.39	
1.4	16QAM	3	1	22.52	22.53	22.40	



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1.4	16QAM	3	3	22.58	22.47	22.47	
1.4	16QAM	6	0	22.50	22.49	22.43	23.4
1.4	64QAM	1	0	22.59	22.47	22.45	23.4
1.4	64QAM	1	3	22.53	22.55	22.48	
1.4	64QAM	1	5	22.59	22.45	22.47	
1.4	64QAM	3	0	22.53	22.53	22.39	
1.4	64QAM	3	1	22.50	22.51	22.40	
1.4	64QAM	3	3	22.58	22.48	22.42	
1.4	64QAM	6	0	21.38	21.36	21.41	22.4
1.4	256QAM	1	0	19.44	19.38	19.35	20.4
1.4	256QAM	1	3	19.42	19.45	19.45	
1.4	256QAM	1	5	19.25	19.20	19.09	
1.4	256QAM	3	0	19.40	19.33	19.19	
1.4	256QAM	3	1	19.25	19.30	19.19	
1.4	256QAM	3	3	19.19	19.15	19.18	
1.4	256QAM	6	0	19.29	19.20	19.20	20.4



FDD LTE Band 66\_Sub (Index 1/4/5/6)

Ant 5							
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	24.60	24.48	24.19	25.2
20	QPSK	1	49	24.59	24.46	24.09	
20	QPSK	1	99	24.39	24.16	23.86	
20	QPSK	50	0	23.45	23.31	22.99	24.2
20	QPSK	50	24	23.41	23.23	22.89	
20	QPSK	50	50	23.37	23.13	22.91	
20	QPSK	100	0	23.41	23.40	23.11	
20	16QAM	1	0	23.66	23.50	23.21	24.2
20	16QAM	1	49	23.61	23.46	23.11	
20	16QAM	1	99	23.47	23.19	22.89	
20	16QAM	50	0	22.40	22.25	21.92	23.2
20	16QAM	50	24	22.40	22.20	21.85	
20	16QAM	50	50	22.31	22.17	21.91	
20	16QAM	100	0	22.39	22.42	22.09	
20	64QAM	1	0	22.68	22.48	22.17	23.2
20	64QAM	1	49	22.61	22.45	22.06	
20	64QAM	1	99	22.45	22.18	21.90	
20	64QAM	50	0	21.36	21.21	20.98	22.2
20	64QAM	50	24	21.27	21.18	20.86	
20	64QAM	50	50	21.25	21.22	20.99	
20	64QAM	100	0	21.29	21.28	21.05	
20	256QAM	1	0	19.45	19.36	19.13	20.2
20	256QAM	1	49	19.38	19.22	18.96	
20	256QAM	1	99	19.30	19.06	18.79	
20	256QAM	50	0	19.28	19.25	18.93	20.2
20	256QAM	50	24	19.27	19.12	18.88	
20	256QAM	50	50	19.28	19.17	18.94	
20	256QAM	100	0	19.30	19.23	18.99	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.35	24.31	24.08	25.2
15	QPSK	1	37	24.58	24.43	23.92	
15	QPSK	1	74	24.45	24.23	23.78	
15	QPSK	36	0	23.45	23.33	22.85	24.2
15	QPSK	36	20	23.45	23.31	22.83	
15	QPSK	36	39	23.38	23.26	22.76	
15	QPSK	75	0	23.46	23.11	23.04	
15	16QAM	1	0	23.44	23.25	23.01	24.2
15	16QAM	1	37	23.46	23.35	22.96	
15	16QAM	1	74	23.45	23.16	22.80	
15	16QAM	36	0	22.48	22.29	21.86	23.2
15	16QAM	36	20	22.43	22.30	21.80	
15	16QAM	36	39	22.37	22.23	21.73	
15	16QAM	75	0	22.47	22.15	22.06	
15	64QAM	1	0	22.51	22.26	22.05	23.2
15	64QAM	1	37	22.40	22.33	21.95	
15	64QAM	1	74	22.51	22.19	21.80	
15	64QAM	36	0	21.44	21.24	20.85	22.2
15	64QAM	36	20	21.35	21.21	20.75	
15	64QAM	36	39	21.31	21.17	20.68	





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15	64QAM	75	0	21.43	21.09	20.99	
15	256QAM	1	0	19.37	19.23	19.04	20.2
15	256QAM	1	37	19.41	19.35	19.11	
15	256QAM	1	74	19.40	19.13	18.71	
15	256QAM	36	0	19.33	19.21	18.79	20.2
15	256QAM	36	20	19.29	19.18	18.72	
15	256QAM	36	39	19.27	19.11	18.64	
15	256QAM	75	0	19.35	19.06	18.92	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.40	24.30	23.91	25.2
10	QPSK	1	25	24.26	24.14	23.74	
10	QPSK	1	49	24.37	24.18	23.85	
10	QPSK	25	0	23.39	23.26	22.92	24.2
10	QPSK	25	12	23.37	23.25	22.89	
10	QPSK	25	25	23.33	23.21	22.85	
10	QPSK	50	0	23.40	23.36	22.92	
10	16QAM	1	0	23.48	23.27	22.90	24.2
10	16QAM	1	25	23.33	23.20	22.73	
10	16QAM	1	49	23.47	23.23	22.94	
10	16QAM	25	0	22.43	22.22	21.91	23.2
10	16QAM	25	12	22.36	22.24	21.85	
10	16QAM	25	25	22.33	22.19	21.82	
10	16QAM	50	0	22.41	22.21	21.89	
10	64QAM	1	0	22.51	22.33	21.93	23.2
10	64QAM	1	25	22.29	22.21	21.72	
10	64QAM	1	49	22.49	22.20	21.96	
10	64QAM	25	0	21.41	21.18	20.90	22.2
10	64QAM	25	12	21.33	21.21	20.82	
10	64QAM	25	25	21.29	21.16	20.80	
10	64QAM	50	0	21.38	21.13	20.88	
10	256QAM	1	0	19.36	19.23	18.86	20.2
10	256QAM	1	25	19.18	19.11	18.68	
10	256QAM	1	49	19.35	19.11	18.85	
10	256QAM	25	0	19.31	19.14	18.82	20.2
10	256QAM	25	12	19.27	19.15	18.78	
10	256QAM	25	25	19.23	19.08	18.74	
10	256QAM	50	0	19.31	19.10	18.83	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.30	24.25	23.88	25.2
5	QPSK	1	12	24.52	24.40	23.95	
5	QPSK	1	24	24.45	24.27	23.88	
5	QPSK	12	0	23.44	23.27	22.89	24.2
5	QPSK	12	7	23.42	23.25	22.87	
5	QPSK	12	13	23.40	23.19	22.86	
5	QPSK	25	0	23.44	23.30	22.90	
5	16QAM	1	0	23.43	23.23	22.81	24.2
5	16QAM	1	12	23.53	23.34	22.92	
5	16QAM	1	24	23.56	23.28	22.93	
5	16QAM	12	0	22.49	22.30	21.91	23.2
5	16QAM	12	7	22.45	22.23	21.87	
5	16QAM	12	13	22.42	22.18	21.85	
5	16QAM	25	0	22.48	22.23	21.90	
5	64QAM	1	0	22.51	22.26	21.87	23.2
5	64QAM	1	12	22.40	22.31	21.83	



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5	64QAM	1	24	22.57	22.34	21.97	
5	64QAM	12	0	21.47	21.23	20.87	22.2
5	64QAM	12	7	21.39	21.17	20.81	
5	64QAM	12	13	21.36	21.12	20.79	
5	64QAM	25	0	21.43	21.16	20.88	
5	256QAM	1	0	19.35	19.26	18.85	20.2
5	256QAM	1	12	19.40	19.32	18.87	
5	256QAM	1	24	19.40	19.19	18.87	
5	256QAM	12	0	19.35	19.20	18.83	20.2
5	256QAM	12	7	19.30	19.16	18.79	
5	256QAM	12	13	19.30	19.10	18.84	
5	256QAM	25	0	19.36	19.12	18.82	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.40	24.35	23.89	25.2
3	QPSK	1	8	24.24	24.18	23.76	
3	QPSK	1	14	24.35	24.14	23.85	
3	QPSK	8	0	23.45	23.18	22.99	24.2
3	QPSK	8	4	23.42	23.16	22.87	
3	QPSK	8	7	23.42	23.24	22.97	
3	QPSK	15	0	23.44	23.18	22.99	
3	16QAM	1	0	23.43	23.60	22.85	24.2
3	16QAM	1	8	23.36	23.41	22.83	
3	16QAM	1	14	23.50	23.25	23.00	
3	16QAM	8	0	22.58	22.26	22.08	23.2
3	16QAM	8	4	22.51	22.22	22.06	
3	16QAM	8	7	22.51	22.31	22.04	
3	16QAM	15	0	22.53	22.23	22.05	
3	64QAM	1	0	22.63	22.60	22.00	23.2
3	64QAM	1	8	22.41	22.48	21.90	
3	64QAM	1	14	22.65	22.39	22.12	
3	64QAM	8	0	21.65	21.34	21.17	22.2
3	64QAM	8	4	21.56	21.36	21.10	
3	64QAM	8	7	21.54	21.43	21.09	
3	64QAM	15	0	21.59	21.32	21.13	
3	256QAM	1	0	19.56	19.82	19.10	20.2
3	256QAM	1	8	19.32	19.72	18.85	
3	256QAM	1	14	19.43	19.43	19.35	
3	256QAM	8	0	19.73	19.51	19.35	20.2
3	256QAM	8	4	19.73	19.52	19.33	
3	256QAM	8	7	19.72	19.65	19.33	
3	256QAM	15	0	19.76	19.54	19.35	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.25	24.10	23.73	25.2
1.4	QPSK	1	3	24.34	24.13	23.82	
1.4	QPSK	1	5	24.48	24.26	23.91	
1.4	QPSK	3	0	24.51	24.28	23.99	
1.4	QPSK	3	1	24.46	24.21	23.94	
1.4	QPSK	3	3	24.46	24.23	23.94	
1.4	QPSK	6	0	23.58	23.34	23.06	24.2
1.4	16QAM	1	0	23.49	23.22	22.92	24.2
1.4	16QAM	1	3	23.44	23.21	22.93	
1.4	16QAM	1	5	23.65	23.42	23.08	
1.4	16QAM	3	0	23.65	23.44	23.12	
1.4	16QAM	3	1	23.61	23.35	23.03	



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1.4	16QAM	3	3	23.51	23.30	22.98	
1.4	16QAM	6	0	22.63	22.35	22.08	23.2
1.4	64QAM	1	0	22.65	22.39	22.02	23.2
1.4	64QAM	1	3	22.52	22.26	21.92	
1.4	64QAM	1	5	22.75	22.48	22.18	
1.4	64QAM	3	0	22.73	22.45	22.18	
1.4	64QAM	3	1	22.69	22.45	22.11	
1.4	64QAM	3	3	22.58	22.34	22.07	
1.4	64QAM	6	0	21.68	21.42	21.17	22.2
1.4	256QAM	1	0	19.56	19.36	19.05	20.2
1.4	256QAM	1	3	19.41	19.25	18.93	
1.4	256QAM	1	5	19.62	19.40	19.17	
1.4	256QAM	3	0	19.62	19.42	19.13	
1.4	256QAM	3	1	19.57	19.38	19.10	
1.4	256QAM	3	3	19.47	19.30	19.02	
1.4	256QAM	6	0	19.76	19.62	19.34	20.2



FDD LTE Band 66\_Sub (Index 2)

Ant 5							
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	24.60	24.48	24.19	24.7
20	QPSK	1	49	24.59	24.46	24.09	
20	QPSK	1	99	24.39	24.16	23.86	
20	QPSK	50	0	23.45	23.31	22.99	24.2
20	QPSK	50	24	23.41	23.23	22.89	
20	QPSK	50	50	23.37	23.13	22.91	
20	QPSK	100	0	23.41	23.40	23.11	
20	16QAM	1	0	23.66	23.50	23.21	24.2
20	16QAM	1	49	23.61	23.46	23.11	
20	16QAM	1	99	23.47	23.19	22.89	
20	16QAM	50	0	22.40	22.25	21.92	23.2
20	16QAM	50	24	22.40	22.20	21.85	
20	16QAM	50	50	22.31	22.17	21.91	
20	16QAM	100	0	22.39	22.42	22.09	
20	64QAM	1	0	22.68	22.48	22.17	23.2
20	64QAM	1	49	22.61	22.45	22.06	
20	64QAM	1	99	22.45	22.18	21.90	
20	64QAM	50	0	21.36	21.21	20.98	22.2
20	64QAM	50	24	21.27	21.18	20.86	
20	64QAM	50	50	21.25	21.22	20.99	
20	64QAM	100	0	21.29	21.28	21.05	
20	256QAM	1	0	19.45	19.36	19.13	20.2
20	256QAM	1	49	19.38	19.22	18.96	
20	256QAM	1	99	19.30	19.06	18.79	
20	256QAM	50	0	19.28	19.25	18.93	20.2
20	256QAM	50	24	19.27	19.12	18.88	
20	256QAM	50	50	19.28	19.17	18.94	
20	256QAM	100	0	19.30	19.23	18.99	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	24.35	24.31	24.08	24.7
15	QPSK	1	37	24.58	24.43	23.92	
15	QPSK	1	74	24.45	24.23	23.78	
15	QPSK	36	0	23.45	23.33	22.85	24.2
15	QPSK	36	20	23.45	23.31	22.83	
15	QPSK	36	39	23.38	23.26	22.76	
15	QPSK	75	0	23.46	23.11	23.04	
15	16QAM	1	0	23.44	23.25	23.01	24.2
15	16QAM	1	37	23.46	23.35	22.96	
15	16QAM	1	74	23.45	23.16	22.80	
15	16QAM	36	0	22.48	22.29	21.86	23.2
15	16QAM	36	20	22.43	22.30	21.80	
15	16QAM	36	39	22.37	22.23	21.73	
15	16QAM	75	0	22.47	22.15	22.06	
15	64QAM	1	0	22.51	22.26	22.05	23.2
15	64QAM	1	37	22.40	22.33	21.95	
15	64QAM	1	74	22.51	22.19	21.80	
15	64QAM	36	0	21.44	21.24	20.85	22.2
15	64QAM	36	20	21.35	21.21	20.75	
15	64QAM	36	39	21.31	21.17	20.68	



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15	64QAM	75	0	21.43	21.09	20.99	
15	256QAM	1	0	19.37	19.23	19.04	20.2
15	256QAM	1	37	19.41	19.35	19.11	
15	256QAM	1	74	19.40	19.13	18.71	
15	256QAM	36	0	19.33	19.21	18.79	20.2
15	256QAM	36	20	19.29	19.18	18.72	
15	256QAM	36	39	19.27	19.11	18.64	
15	256QAM	75	0	19.35	19.06	18.92	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	24.40	24.30	23.91	24.7
10	QPSK	1	25	24.26	24.14	23.74	
10	QPSK	1	49	24.37	24.18	23.85	
10	QPSK	25	0	23.39	23.26	22.92	24.2
10	QPSK	25	12	23.37	23.25	22.89	
10	QPSK	25	25	23.33	23.21	22.85	
10	QPSK	50	0	23.40	23.36	22.92	
10	16QAM	1	0	23.48	23.27	22.90	24.2
10	16QAM	1	25	23.33	23.20	22.73	
10	16QAM	1	49	23.47	23.23	22.94	
10	16QAM	25	0	22.43	22.22	21.91	23.2
10	16QAM	25	12	22.36	22.24	21.85	
10	16QAM	25	25	22.33	22.19	21.82	
10	16QAM	50	0	22.41	22.21	21.89	
10	64QAM	1	0	22.51	22.33	21.93	23.2
10	64QAM	1	25	22.29	22.21	21.72	
10	64QAM	1	49	22.49	22.20	21.96	
10	64QAM	25	0	21.41	21.18	20.90	22.2
10	64QAM	25	12	21.33	21.21	20.82	
10	64QAM	25	25	21.29	21.16	20.80	
10	64QAM	50	0	21.38	21.13	20.88	
10	256QAM	1	0	19.36	19.23	18.86	20.2
10	256QAM	1	25	19.18	19.11	18.68	
10	256QAM	1	49	19.35	19.11	18.85	
10	256QAM	25	0	19.31	19.14	18.82	20.2
10	256QAM	25	12	19.27	19.15	18.78	
10	256QAM	25	25	19.23	19.08	18.74	
10	256QAM	50	0	19.31	19.10	18.83	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	24.30	24.25	23.88	24.7
5	QPSK	1	12	24.52	24.40	23.95	
5	QPSK	1	24	24.45	24.27	23.88	
5	QPSK	12	0	23.44	23.27	22.89	24.2
5	QPSK	12	7	23.42	23.25	22.87	
5	QPSK	12	13	23.40	23.19	22.86	
5	QPSK	25	0	23.44	23.30	22.90	
5	16QAM	1	0	23.43	23.23	22.81	24.2
5	16QAM	1	12	23.53	23.34	22.92	
5	16QAM	1	24	23.56	23.28	22.93	
5	16QAM	12	0	22.49	22.30	21.91	23.2
5	16QAM	12	7	22.45	22.23	21.87	
5	16QAM	12	13	22.42	22.18	21.85	
5	16QAM	25	0	22.48	22.23	21.90	
5	64QAM	1	0	22.51	22.26	21.87	23.2
5	64QAM	1	12	22.40	22.31	21.83	



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5	64QAM	1	24	22.57	22.34	21.97	
5	64QAM	12	0	21.47	21.23	20.87	22.2
5	64QAM	12	7	21.39	21.17	20.81	
5	64QAM	12	13	21.36	21.12	20.79	
5	64QAM	25	0	21.43	21.16	20.88	
5	256QAM	1	0	19.35	19.26	18.85	20.2
5	256QAM	1	12	19.40	19.32	18.87	
5	256QAM	1	24	19.40	19.19	18.87	
5	256QAM	12	0	19.35	19.20	18.83	20.2
5	256QAM	12	7	19.30	19.16	18.79	
5	256QAM	12	13	19.30	19.10	18.84	
5	256QAM	25	0	19.36	19.12	18.82	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	24.40	24.35	23.89	24.7
3	QPSK	1	8	24.24	24.18	23.76	
3	QPSK	1	14	24.35	24.14	23.85	
3	QPSK	8	0	23.45	23.18	22.99	24.2
3	QPSK	8	4	23.42	23.16	22.87	
3	QPSK	8	7	23.42	23.24	22.97	
3	QPSK	15	0	23.44	23.18	22.99	
3	16QAM	1	0	23.43	23.60	22.85	24.2
3	16QAM	1	8	23.36	23.41	22.83	
3	16QAM	1	14	23.50	23.25	23.00	
3	16QAM	8	0	22.58	22.26	22.08	23.2
3	16QAM	8	4	22.51	22.22	22.06	
3	16QAM	8	7	22.51	22.31	22.04	
3	16QAM	15	0	22.53	22.23	22.05	
3	64QAM	1	0	22.63	22.60	22.00	23.2
3	64QAM	1	8	22.41	22.48	21.90	
3	64QAM	1	14	22.65	22.39	22.12	
3	64QAM	8	0	21.65	21.34	21.17	22.2
3	64QAM	8	4	21.56	21.36	21.10	
3	64QAM	8	7	21.54	21.43	21.09	
3	64QAM	15	0	21.59	21.32	21.13	
3	256QAM	1	0	19.56	19.82	19.10	20.2
3	256QAM	1	8	19.32	19.72	18.85	
3	256QAM	1	14	19.43	19.43	19.35	
3	256QAM	8	0	19.73	19.51	19.35	20.2
3	256QAM	8	4	19.73	19.52	19.33	
3	256QAM	8	7	19.72	19.65	19.33	
3	256QAM	15	0	19.76	19.54	19.35	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	24.25	24.10	23.73	24.7
1.4	QPSK	1	3	24.34	24.13	23.82	
1.4	QPSK	1	5	24.48	24.26	23.91	
1.4	QPSK	3	0	24.51	24.28	23.99	
1.4	QPSK	3	1	24.46	24.21	23.94	
1.4	QPSK	3	3	24.46	24.23	23.94	
1.4	QPSK	6	0	23.58	23.34	23.06	24.2
1.4	16QAM	1	0	23.49	23.22	22.92	24.2
1.4	16QAM	1	3	23.44	23.21	22.93	
1.4	16QAM	1	5	23.65	23.42	23.08	
1.4	16QAM	3	0	23.65	23.44	23.12	
1.4	16QAM	3	1	23.61	23.35	23.03	



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1.4	16QAM	3	3	23.51	23.30	22.98	
1.4	16QAM	6	0	22.63	22.35	22.08	23.2
1.4	64QAM	1	0	22.65	22.39	22.02	23.2
1.4	64QAM	1	3	22.52	22.26	21.92	
1.4	64QAM	1	5	22.75	22.48	22.18	
1.4	64QAM	3	0	22.73	22.45	22.18	
1.4	64QAM	3	1	22.69	22.45	22.11	
1.4	64QAM	3	3	22.58	22.34	22.07	
1.4	64QAM	6	0	21.68	21.42	21.17	22.2
1.4	256QAM	1	0	19.56	19.36	19.05	20.2
1.4	256QAM	1	3	19.41	19.25	18.93	
1.4	256QAM	1	5	19.62	19.40	19.17	
1.4	256QAM	3	0	19.62	19.42	19.13	
1.4	256QAM	3	1	19.57	19.38	19.10	
1.4	256QAM	3	3	19.47	19.30	19.02	
1.4	256QAM	6	0	19.76	19.62	19.34	20.2



FDD LTE Band 66\_Sub (Index 3)

Ant 5							
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	23.18	23.14	23.17	23.5
20	QPSK	1	49	23.17	23.08	23.13	
20	QPSK	1	99	22.93	22.86	22.88	
20	QPSK	50	0	23.15	23.14	23.13	23.5
20	QPSK	50	24	23.11	23.07	23.02	
20	QPSK	50	50	23.03	23.03	22.98	
20	QPSK	100	0	23.11	23.11	23.02	
20	16QAM	1	0	23.30	23.28	23.20	23.5
20	16QAM	1	49	23.34	23.29	23.24	
20	16QAM	1	99	23.07	22.99	22.98	
20	16QAM	50	0	22.26	22.16	22.21	23
20	16QAM	50	24	22.20	22.14	22.11	
20	16QAM	50	50	22.11	22.06	22.06	
20	16QAM	100	0	22.18	22.16	22.15	
20	64QAM	1	0	22.41	22.36	22.33	23
20	64QAM	1	49	22.35	22.35	22.26	
20	64QAM	1	99	22.19	22.11	22.18	
20	64QAM	50	0	21.23	21.16	21.17	22
20	64QAM	50	24	21.17	21.10	21.13	
20	64QAM	50	50	21.08	21.08	21.06	
20	64QAM	100	0	21.15	21.11	21.09	
20	256QAM	1	0	19.39	19.29	19.07	20
20	256QAM	1	49	19.29	19.22	18.92	
20	256QAM	1	99	19.21	19.03	18.75	
20	256QAM	50	0	19.25	19.15	18.86	20
20	256QAM	50	24	19.27	19.04	18.79	
20	256QAM	50	50	19.22	19.08	18.93	
20	256QAM	100	0	19.23	19.21	18.94	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	23.08	23.06	23.17	23.5
15	QPSK	1	37	23.11	23.04	23.12	
15	QPSK	1	74	22.89	22.76	22.80	
15	QPSK	36	0	23.10	23.04	23.04	23.5
15	QPSK	36	20	23.02	22.97	22.97	
15	QPSK	36	39	23.03	23.01	22.93	
15	QPSK	75	0	23.08	23.11	22.96	
15	16QAM	1	0	23.23	23.19	23.12	23.5
15	16QAM	1	37	23.30	23.24	23.14	
15	16QAM	1	74	22.99	22.99	22.90	
15	16QAM	36	0	22.22	22.14	22.18	23
15	16QAM	36	20	22.16	22.12	22.07	
15	16QAM	36	39	22.06	21.97	22.02	
15	16QAM	75	0	22.08	22.09	22.05	
15	64QAM	1	0	22.37	22.28	22.31	23
15	64QAM	1	37	22.27	22.35	22.24	
15	64QAM	1	74	22.10	22.04	22.14	
15	64QAM	36	0	21.22	21.15	21.07	22
15	64QAM	36	20	21.08	21.06	21.07	
15	64QAM	36	39	21.02	20.98	21.04	





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15	64QAM	75	0	21.15	21.07	21.02	
15	256QAM	1	0	19.36	19.23	19.06	20
15	256QAM	1	37	19.21	19.15	18.89	
15	256QAM	1	74	19.16	19.00	18.75	
15	256QAM	36	0	19.17	19.07	18.83	20
15	256QAM	36	20	19.27	18.96	18.74	
15	256QAM	36	39	19.22	19.01	18.86	
15	256QAM	75	0	19.16	19.16	18.92	
Channel				132022	132322	132622	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	23.17	23.12	23.08	23.5
10	QPSK	1	25	23.07	23.07	23.11	
10	QPSK	1	49	22.87	22.77	22.84	
10	QPSK	25	0	23.13	23.07	23.08	23.5
10	QPSK	25	12	23.11	22.97	23.02	
10	QPSK	25	25	22.95	22.93	22.93	
10	QPSK	50	0	23.11	23.04	22.99	
10	16QAM	1	0	23.29	23.25	23.17	23.5
10	16QAM	1	25	23.31	23.22	23.16	
10	16QAM	1	49	22.98	22.96	22.97	
10	16QAM	25	0	22.23	22.11	22.12	23
10	16QAM	25	12	22.13	22.07	22.06	
10	16QAM	25	25	22.09	21.96	21.98	
10	16QAM	50	0	22.12	22.13	22.11	
10	64QAM	1	0	22.39	22.27	22.30	23
10	64QAM	1	25	22.31	22.30	22.19	
10	64QAM	1	49	22.14	22.01	22.13	
10	64QAM	25	0	21.19	21.14	21.17	22
10	64QAM	25	12	21.11	21.10	21.11	
10	64QAM	25	25	21.02	20.98	20.97	
10	64QAM	50	0	21.08	21.03	21.07	
10	256QAM	1	0	19.38	19.29	18.98	20
10	256QAM	1	25	19.27	19.20	18.92	
10	256QAM	1	49	19.18	18.95	18.66	
10	256QAM	25	0	19.15	19.11	18.78	20
10	256QAM	25	12	19.23	18.99	18.73	
10	256QAM	25	25	19.14	18.99	18.90	
10	256QAM	50	0	19.17	19.13	18.91	
Channel				131997	132322	132647	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	23.10	23.07	23.07	23.5
5	QPSK	1	12	23.11	23.06	23.08	
5	QPSK	1	24	22.85	22.85	22.80	
5	QPSK	12	0	23.12	23.11	23.12	23.5
5	QPSK	12	7	23.02	23.00	22.95	
5	QPSK	12	13	22.98	22.93	22.89	
5	QPSK	25	0	23.08	23.09	22.95	
5	16QAM	1	0	23.22	23.19	23.18	23.5
5	16QAM	1	12	23.31	23.20	23.21	
5	16QAM	1	24	23.06	22.90	22.90	
5	16QAM	12	0	22.24	22.14	22.20	23
5	16QAM	12	7	22.20	22.10	22.01	
5	16QAM	12	13	22.08	21.97	22.05	
5	16QAM	25	0	22.18	22.16	22.06	
5	64QAM	1	0	22.31	22.31	22.29	23
5	64QAM	1	12	22.27	22.30	22.26	



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5	64QAM	1	24	22.16	22.08	22.15	
5	64QAM	12	0	21.19	21.06	21.14	22
5	64QAM	12	7	21.15	21.10	21.08	
5	64QAM	12	13	21.04	21.00	20.98	
5	64QAM	25	0	21.09	21.04	20.99	
5	256QAM	1	0	19.36	19.28	19.02	20
5	256QAM	1	12	19.23	19.13	18.86	
5	256QAM	1	24	19.19	18.94	18.68	
5	256QAM	12	0	19.20	19.05	18.80	20
5	256QAM	12	7	19.21	18.97	18.69	
5	256QAM	12	13	19.13	19.01	18.93	
5	256QAM	25	0	19.20	19.14	18.84	
Channel				131987	132322	132657	Tune-up limit (dBm)
Frequency (MHz)				1711.5	1745	1778.5	
3	QPSK	1	0	23.18	23.11	23.09	23.5
3	QPSK	1	8	23.11	23.03	23.05	
3	QPSK	1	14	22.85	22.86	22.81	
3	QPSK	8	0	23.13	23.07	23.10	23.5
3	QPSK	8	4	23.08	23.04	22.96	
3	QPSK	8	7	22.98	23.00	22.88	
3	QPSK	15	0	23.09	23.08	22.96	
3	16QAM	1	0	23.21	23.24	23.20	23.5
3	16QAM	1	8	23.24	23.24	23.22	
3	16QAM	1	14	22.99	22.91	22.89	
3	16QAM	8	0	22.21	22.11	22.21	23
3	16QAM	8	4	22.15	22.08	22.11	
3	16QAM	8	7	22.01	21.99	22.03	
3	16QAM	15	0	22.18	22.14	22.11	
3	64QAM	1	0	22.34	22.30	22.28	23
3	64QAM	1	8	22.34	22.35	22.22	
3	64QAM	1	14	22.15	22.03	22.14	
3	64QAM	8	0	21.22	21.10	21.14	22
3	64QAM	8	4	21.15	21.03	21.13	
3	64QAM	8	7	21.02	21.02	20.99	
3	64QAM	15	0	21.09	21.01	21.02	
3	256QAM	1	0	19.37	19.29	19.06	20
3	256QAM	1	8	19.21	19.21	18.89	
3	256QAM	1	14	19.11	18.99	18.69	
3	256QAM	8	0	19.18	19.07	18.78	20
3	256QAM	8	4	19.26	18.94	18.69	
3	256QAM	8	7	19.17	19.08	18.93	
3	256QAM	15	0	19.13	19.14	18.86	
Channel				131979	132322	132665	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	23.10	23.06	23.16	23.5
1.4	QPSK	1	3	23.15	23.07	23.08	
1.4	QPSK	1	5	23.16	23.13	23.07	
1.4	QPSK	3	0	23.10	23.11	23.09	
1.4	QPSK	3	1	23.08	23.06	23.07	
1.4	QPSK	3	3	23.16	23.12	23.16	23.5
1.4	QPSK	6	0	23.11	23.04	23.12	
1.4	16QAM	1	0	23.13	23.10	23.09	23.5
1.4	16QAM	1	3	23.11	23.06	23.12	
1.4	16QAM	1	5	23.11	23.12	23.10	
1.4	16QAM	3	0	23.11	23.04	23.11	
1.4	16QAM	3	1	23.09	23.06	23.16	



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1.4	16QAM	3	3	23.10	23.04	23.12	
1.4	16QAM	6	0	22.12	22.12	22.06	23
1.4	64QAM	1	0	22.10	22.10	22.08	23
1.4	64QAM	1	3	22.20	22.09	22.02	
1.4	64QAM	1	5	22.15	22.04	22.11	
1.4	64QAM	3	0	22.15	22.10	22.05	
1.4	64QAM	3	1	22.11	22.05	22.02	
1.4	64QAM	3	3	22.19	22.06	22.01	
1.4	64QAM	6	0	21.20	21.07	21.11	22
1.4	256QAM	1	0	19.35	19.25	18.99	20
1.4	256QAM	1	3	19.35	19.28	18.96	
1.4	256QAM	1	5	19.37	19.27	19.00	
1.4	256QAM	3	0	19.30	19.26	19.02	
1.4	256QAM	3	1	19.29	19.29	19.06	
1.4	256QAM	3	3	19.33	19.26	19.00	
1.4	256QAM	6	0	19.37	19.20	19.00	20



FDD LTE Band 71\_(Index 1/2/3/4/5/6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.78	24.79	24.71	25.4
20	QPSK	1	49	24.70	24.62	24.64	
20	QPSK	1	99	24.60	24.51	24.55	
20	QPSK	50	0	23.77	23.78	23.69	24.4
20	QPSK	50	24	23.71	23.67	23.66	
20	QPSK	50	50	23.66	23.62	23.64	
20	QPSK	100	0	23.73	23.76	23.65	
20	16QAM	1	0	24.02	23.96	24.17	24.4
20	16QAM	1	49	24.13	23.97	24.05	
20	16QAM	1	99	24.06	23.92	23.90	
20	16QAM	50	0	22.76	22.72	22.75	23.4
20	16QAM	50	24	22.73	22.70	22.72	
20	16QAM	50	50	22.71	22.68	22.70	
20	16QAM	100	0	22.70	22.69	22.71	
20	64QAM	1	0	22.96	22.73	22.87	23.4
20	64QAM	1	49	22.96	22.79	22.92	
20	64QAM	1	99	22.88	22.85	22.83	
20	64QAM	50	0	21.78	21.74	21.83	22.4
20	64QAM	50	24	21.76	21.75	21.77	
20	64QAM	50	50	21.74	21.71	21.73	
20	64QAM	100	0	21.74	21.69	21.70	
20	256QAM	1	0	19.82	19.89	19.88	20.4
20	256QAM	1	49	19.64	19.66	19.59	
20	256QAM	1	99	19.35	19.38	19.33	
20	256QAM	50	0	19.83	19.87	19.87	20.4
20	256QAM	50	24	19.60	19.62	19.62	
20	256QAM	50	50	19.46	19.51	19.46	
20	256QAM	100	0	19.72	19.77	19.68	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.74	24.77	24.77	25.4
15	QPSK	1	37	24.61	24.63	24.60	
15	QPSK	1	74	24.56	24.44	24.52	
15	QPSK	36	0	23.87	23.86	23.72	24.4
15	QPSK	36	20	23.77	23.57	23.67	
15	QPSK	36	39	23.76	23.53	23.71	
15	QPSK	75	0	23.65	23.75	23.66	
15	16QAM	1	0	23.93	24.06	24.26	24.4
15	16QAM	1	37	24.04	24.01	24.12	
15	16QAM	1	74	23.99	23.85	23.91	
15	16QAM	36	0	22.70	22.81	22.71	23.4
15	16QAM	36	20	22.74	22.60	22.76	
15	16QAM	36	39	22.79	22.77	22.72	
15	16QAM	75	0	22.75	22.74	22.65	
15	64QAM	1	0	23.00	22.77	22.82	23.4
15	64QAM	1	37	23.06	22.86	22.87	
15	64QAM	1	74	22.89	22.86	22.78	
15	64QAM	36	0	21.78	21.82	21.76	22.4
15	64QAM	36	20	21.75	21.72	21.68	
15	64QAM	36	39	21.76	21.72	21.77	



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**Report No. : FA102843-05E**

15	64QAM	75	0	21.75	21.67	21.79	
15	256QAM	1	0	19.73	19.83	19.80	20.4
15	256QAM	1	37	19.59	19.56	19.58	
15	256QAM	1	74	19.33	19.31	19.26	
15	256QAM	36	0	19.81	19.84	19.85	20.4
15	256QAM	36	20	19.58	19.61	19.59	
15	256QAM	36	39	19.36	19.45	19.38	
15	256QAM	75	0	19.63	19.69	19.66	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.74	24.78	24.68	25.4
10	QPSK	1	25	24.75	24.62	24.74	
10	QPSK	1	49	24.64	24.60	24.50	
10	QPSK	25	0	23.81	23.77	23.77	24.4
10	QPSK	25	12	23.75	23.75	23.60	
10	QPSK	25	25	23.70	23.63	23.65	
10	QPSK	50	0	23.76	23.86	23.71	
10	16QAM	1	0	23.94	23.98	24.16	24.4
10	16QAM	1	25	24.09	24.06	24.10	
10	16QAM	1	49	23.98	23.82	23.81	
10	16QAM	25	0	22.84	22.79	22.80	23.4
10	16QAM	25	12	22.71	22.78	22.73	
10	16QAM	25	25	22.62	22.73	22.73	
10	16QAM	50	0	22.64	22.72	22.77	
10	64QAM	1	0	22.97	22.71	22.93	23.4
10	64QAM	1	25	22.97	22.87	22.82	
10	64QAM	1	49	22.87	22.92	22.77	
10	64QAM	25	0	21.81	21.83	21.80	22.4
10	64QAM	25	12	21.74	21.74	21.87	
10	64QAM	25	25	21.70	21.75	21.71	
10	64QAM	50	0	21.66	21.60	21.74	
10	256QAM	1	0	19.82	19.86	19.79	20.4
10	256QAM	1	25	19.59	19.57	19.50	
10	256QAM	1	49	19.35	19.35	19.26	
10	256QAM	25	0	19.80	19.87	19.85	20.4
10	256QAM	25	12	19.57	19.56	19.56	
10	256QAM	25	25	19.38	19.48	19.45	
10	256QAM	50	0	19.70	19.77	19.61	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.78	24.71	24.70	25.4
5	QPSK	1	12	24.67	24.65	24.58	
5	QPSK	1	24	24.64	24.54	24.46	
5	QPSK	12	0	23.84	23.81	23.62	24.4
5	QPSK	12	7	23.67	23.74	23.61	
5	QPSK	12	13	23.58	23.55	23.74	
5	QPSK	25	0	23.73	23.67	23.75	
5	16QAM	1	0	24.06	23.93	24.17	24.4
5	16QAM	1	12	24.08	24.02	24.07	
5	16QAM	1	24	23.99	23.97	23.92	
5	16QAM	12	0	22.67	22.64	22.65	23.4
5	16QAM	12	7	22.83	22.61	22.66	
5	16QAM	12	13	22.72	22.63	22.66	
5	16QAM	25	0	22.62	22.60	22.74	
5	64QAM	1	0	22.88	22.82	22.94	23.4
5	64QAM	1	12	22.92	22.88	22.90	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.78	22.78	22.80	
5	64QAM	12	0	21.72	21.74	21.85	22.4
5	64QAM	12	7	21.78	21.74	21.68	
5	64QAM	12	13	21.81	21.79	21.75	
5	64QAM	25	0	21.65	21.63	21.61	
5	256QAM	1	0	19.82	19.89	19.79	20.4
5	256QAM	1	12	19.57	19.62	19.50	
5	256QAM	1	24	19.32	19.33	19.28	
5	256QAM	12	0	19.83	19.84	19.82	20.4
5	256QAM	12	7	19.53	19.59	19.54	
5	256QAM	12	13	19.40	19.48	19.36	
5	256QAM	25	0	19.63	19.71	19.67	



FDD LTE Band 71\_(Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	24.90	24.92	24.61	25.4
20	QPSK	1	49	24.88	24.67	24.57	
20	QPSK	1	99	24.77	24.53	24.43	
20	QPSK	50	0	23.93	23.96	23.58	24.4
20	QPSK	50	24	23.91	23.70	23.54	
20	QPSK	50	50	23.82	23.64	23.52	
20	QPSK	100	0	23.88	23.89	23.54	
20	16QAM	1	0	24.17	24.06	23.98	24.4
20	16QAM	1	49	24.26	24.21	24.16	
20	16QAM	1	99	24.18	24.03	23.91	
20	16QAM	50	0	22.91	22.76	22.60	23.4
20	16QAM	50	24	22.91	22.75	22.62	
20	16QAM	50	50	22.88	22.73	22.57	
20	16QAM	100	0	22.89	22.70	22.59	
20	64QAM	1	0	23.10	22.93	22.94	23.4
20	64QAM	1	49	23.11	22.86	22.97	
20	64QAM	1	99	23.17	22.92	22.87	
20	64QAM	50	0	21.95	21.81	21.65	22.4
20	64QAM	50	24	21.95	21.83	21.65	
20	64QAM	50	50	21.91	21.77	21.59	
20	64QAM	100	0	21.91	21.73	21.64	
20	256QAM	1	0	19.86	19.92	19.89	20.4
20	256QAM	1	49	19.80	19.89	19.89	
20	256QAM	1	99	19.61	19.61	19.60	
20	256QAM	50	0	19.80	19.88	19.83	20.4
20	256QAM	50	24	19.73	19.81	19.77	
20	256QAM	50	50	19.68	19.69	19.63	
20	256QAM	100	0	19.76	19.85	19.80	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	24.87	24.72	24.54	25.4
15	QPSK	1	37	24.91	24.81	24.63	
15	QPSK	1	74	24.87	24.68	24.50	
15	QPSK	36	0	23.94	23.74	23.51	24.4
15	QPSK	36	20	23.93	23.72	23.53	
15	QPSK	36	39	23.88	23.63	23.50	
15	QPSK	75	0	23.92	23.64	23.51	
15	16QAM	1	0	24.25	24.13	23.95	24.4
15	16QAM	1	37	24.31	24.08	24.00	
15	16QAM	1	74	24.24	24.04	23.87	
15	16QAM	36	0	22.96	22.73	22.60	23.4
15	16QAM	36	20	22.92	22.74	22.57	
15	16QAM	36	39	22.90	22.74	22.59	
15	16QAM	75	0	22.91	22.70	22.58	
15	64QAM	1	0	23.06	22.91	22.92	23.4
15	64QAM	1	37	23.09	22.99	22.80	
15	64QAM	1	74	23.02	22.92	22.72	
15	64QAM	36	0	21.98	21.80	21.64	22.4
15	64QAM	36	20	21.95	21.78	21.59	
15	64QAM	36	39	21.93	21.79	21.59	



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**Report No. : FA102843-05E**

15	64QAM	75	0	21.89	21.70	21.53	
15	256QAM	1	0	19.76	19.90	19.82	20.4
15	256QAM	1	37	19.75	19.85	19.79	
15	256QAM	1	74	19.61	19.55	19.55	
15	256QAM	36	0	19.75	19.83	19.78	20.4
15	256QAM	36	20	19.64	19.80	19.77	
15	256QAM	36	39	19.67	19.60	19.54	
15	256QAM	75	0	19.69	19.82	19.76	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	24.91	24.74	24.40	25.4
10	QPSK	1	25	24.79	24.54	24.29	
10	QPSK	1	49	24.80	24.57	24.36	
10	QPSK	25	0	24.02	23.83	23.54	24.4
10	QPSK	25	12	23.95	23.79	23.55	
10	QPSK	25	25	23.94	23.73	23.52	
10	QPSK	50	0	24.00	23.76	23.53	
10	16QAM	1	0	24.27	24.03	23.79	24.4
10	16QAM	1	25	24.21	23.99	23.76	
10	16QAM	1	49	24.25	24.14	23.76	
10	16QAM	25	0	23.02	22.81	22.56	23.4
10	16QAM	25	12	23.02	22.82	22.58	
10	16QAM	25	25	22.99	22.81	22.57	
10	16QAM	50	0	23.00	22.79	22.55	
10	64QAM	1	0	23.12	22.91	22.66	23.4
10	64QAM	1	25	23.15	22.82	22.60	
10	64QAM	1	49	23.19	22.95	22.63	
10	64QAM	25	0	21.98	21.81	21.55	22.4
10	64QAM	25	12	22.02	21.80	21.53	
10	64QAM	25	25	21.98	21.77	21.52	
10	64QAM	50	0	22.08	21.83	21.57	
10	256QAM	1	0	19.82	19.85	19.82	20.4
10	256QAM	1	25	19.79	19.87	19.85	
10	256QAM	1	49	19.61	19.54	19.55	
10	256QAM	25	0	19.75	19.88	19.75	20.4
10	256QAM	25	12	19.69	19.74	19.77	
10	256QAM	25	25	19.65	19.69	19.57	
10	256QAM	50	0	19.75	19.83	19.80	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	24.87	24.84	24.49	25.4
5	QPSK	1	12	24.89	24.88	24.54	
5	QPSK	1	24	24.88	24.84	24.51	
5	QPSK	12	0	23.99	23.87	23.53	24.4
5	QPSK	12	7	23.99	23.86	23.52	
5	QPSK	12	13	24.00	23.84	23.50	
5	QPSK	25	0	23.93	23.83	23.47	
5	16QAM	1	0	24.30	24.16	23.92	24.4
5	16QAM	1	12	24.40	24.19	23.89	
5	16QAM	1	24	24.39	24.20	23.89	
5	16QAM	12	0	22.97	22.86	22.55	23.4
5	16QAM	12	7	23.01	22.86	22.57	
5	16QAM	12	13	23.02	22.86	22.54	
5	16QAM	25	0	23.00	22.85	22.53	
5	64QAM	1	0	23.07	22.94	22.69	23.4
5	64QAM	1	12	23.10	22.98	22.80	





**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.14	22.91	22.69	
5	64QAM	12	0	22.04	21.89	21.60	22.4
5	64QAM	12	7	22.07	21.90	21.62	
5	64QAM	12	13	22.09	21.93	21.61	
5	64QAM	25	0	21.97	21.87	21.49	
5	256QAM	1	0	19.77	19.84	19.84	20.4
5	256QAM	1	12	19.78	19.84	19.79	
5	256QAM	1	24	19.61	19.60	19.57	
5	256QAM	12	0	19.78	19.82	19.82	20.4
5	256QAM	12	7	19.65	19.80	19.69	
5	256QAM	12	13	19.61	19.64	19.63	
5	256QAM	25	0	19.75	19.76	19.74	



FDD LTE Band 71\_(Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.10	22.99	22.84	24.4
20	QPSK	1	49	23.07	22.94	22.83	
20	QPSK	1	99	22.91	22.80	22.62	
20	QPSK	50	0	23.00	22.86	22.64	24.4
20	QPSK	50	24	22.93	22.83	22.59	
20	QPSK	50	50	22.91	22.74	22.60	
20	QPSK	100	0	22.97	22.78	22.62	
20	16QAM	1	0	23.20	23.19	22.99	24.4
20	16QAM	1	49	23.18	23.11	23.05	
20	16QAM	1	99	23.09	23.07	22.84	
20	16QAM	50	0	22.99	22.87	22.73	23.4
20	16QAM	50	24	22.95	22.82	22.69	
20	16QAM	50	50	22.92	22.80	22.67	
20	16QAM	100	0	22.73	22.77	22.72	
20	64QAM	1	0	23.06	23.00	22.98	23.4
20	64QAM	1	49	23.19	23.19	22.93	
20	64QAM	1	99	23.18	23.07	22.86	
20	64QAM	50	0	22.02	21.78	21.75	22.4
20	64QAM	50	24	21.99	21.09	21.74	
20	64QAM	50	50	21.94	21.85	21.70	
20	64QAM	100	0	21.96	21.83	21.69	
20	256QAM	1	0	19.85	19.83	19.82	20.4
20	256QAM	1	49	19.79	19.82	19.83	
20	256QAM	1	99	19.61	19.61	19.50	
20	256QAM	50	0	19.71	19.83	19.83	20.4
20	256QAM	50	24	19.64	19.80	19.72	
20	256QAM	50	50	19.63	19.62	19.63	
20	256QAM	100	0	19.67	19.84	19.74	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.01	22.91	22.81	24.4
15	QPSK	1	37	23.02	22.89	22.79	
15	QPSK	1	74	22.85	22.70	22.62	
15	QPSK	36	0	22.98	22.86	22.63	24.4
15	QPSK	36	20	22.90	22.74	22.55	
15	QPSK	36	39	22.82	22.68	22.58	
15	QPSK	75	0	22.88	22.69	22.60	
15	16QAM	1	0	23.07	23.17	22.95	24.4
15	16QAM	1	37	23.18	23.11	23.01	
15	16QAM	1	74	23.00	22.86	22.81	
15	16QAM	36	0	22.97	22.80	22.63	23.4
15	16QAM	36	20	22.93	22.81	22.65	
15	16QAM	36	39	22.92	22.70	22.64	
15	16QAM	75	0	22.71	22.73	22.71	
15	64QAM	1	0	22.99	22.96	22.91	23.4
15	64QAM	1	37	23.17	23.19	22.91	
15	64QAM	1	74	23.13	22.98	22.80	
15	64QAM	36	0	22.02	21.70	21.66	22.4
15	64QAM	36	20	21.97	21.07	21.67	
15	64QAM	36	39	21.91	21.75	21.66	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.93	21.76	21.66	
15	256QAM	1	0	19.78	19.75	19.80	20.4
15	256QAM	1	37	19.79	19.79	19.76	
15	256QAM	1	74	19.55	19.59	19.41	
15	256QAM	36	0	19.70	19.73	19.79	20.4
15	256QAM	36	20	19.61	19.78	19.68	
15	256QAM	36	39	19.62	19.61	19.60	
15	256QAM	75	0	19.64	19.81	19.66	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.02	22.89	22.82	24.4
10	QPSK	1	25	22.99	22.92	22.80	
10	QPSK	1	49	22.83	22.75	22.52	
10	QPSK	25	0	22.93	22.80	22.60	24.4
10	QPSK	25	12	22.93	22.81	22.50	
10	QPSK	25	25	22.89	22.69	22.58	
10	QPSK	50	0	22.89	22.73	22.60	
10	16QAM	1	0	23.14	23.12	22.89	24.4
10	16QAM	1	25	23.17	23.01	23.04	
10	16QAM	1	49	23.00	22.87	22.82	
10	16QAM	25	0	22.98	22.85	22.66	23.4
10	16QAM	25	12	22.85	22.72	22.63	
10	16QAM	25	25	22.92	22.74	22.67	
10	16QAM	50	0	22.68	22.67	22.67	
10	64QAM	1	0	23.04	22.92	22.98	23.4
10	64QAM	1	25	23.17	23.09	22.89	
10	64QAM	1	49	23.11	23.04	22.80	
10	64QAM	25	0	21.92	21.71	21.66	22.4
10	64QAM	25	12	21.94	21.00	21.68	
10	64QAM	25	25	21.89	21.75	21.65	
10	64QAM	50	0	21.90	21.74	21.66	
10	256QAM	1	0	19.79	19.78	19.73	20.4
10	256QAM	1	25	19.78	19.72	19.79	
10	256QAM	1	49	19.56	19.59	19.49	
10	256QAM	25	0	19.67	19.79	19.77	20.4
10	256QAM	25	12	19.59	19.71	19.64	
10	256QAM	25	25	19.61	19.59	19.60	
10	256QAM	50	0	19.64	19.79	19.72	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.00	22.93	22.75	24.4
5	QPSK	1	12	22.97	22.86	22.83	
5	QPSK	1	24	22.81	22.79	22.52	
5	QPSK	12	0	23.00	22.84	22.58	24.4
5	QPSK	12	7	22.90	22.79	22.53	
5	QPSK	12	13	22.86	22.64	22.57	
5	QPSK	25	0	22.88	22.72	22.58	
5	16QAM	1	0	23.07	23.16	22.92	24.4
5	16QAM	1	12	23.19	23.10	22.99	
5	16QAM	1	24	23.08	22.90	22.83	
5	16QAM	12	0	22.92	22.78	22.68	23.4
5	16QAM	12	7	22.92	22.79	22.65	
5	16QAM	12	13	22.91	22.80	22.58	
5	16QAM	25	0	22.73	22.71	22.63	
5	64QAM	1	0	23.03	22.94	22.97	23.4
5	64QAM	1	12	23.09	23.17	22.89	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.11	23.01	22.82	
5	64QAM	12	0	22.02	21.72	21.68	22.4
5	64QAM	12	7	21.91	21.05	21.74	
5	64QAM	12	13	21.89	21.85	21.64	
5	64QAM	25	0	21.93	21.73	21.60	
5	256QAM	1	0	19.85	19.78	19.80	20.4
5	256QAM	1	12	19.72	19.76	19.73	
5	256QAM	1	24	19.52	19.57	19.40	
5	256QAM	12	0	19.64	19.75	19.83	20.4
5	256QAM	12	7	19.56	19.71	19.62	
5	256QAM	12	13	19.63	19.57	19.61	
5	256QAM	25	0	19.67	19.80	19.71	



FDD LTE Band 71\_(Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				133222	133297	133372	
Frequency (MHz)				673	680.5	688	
20	QPSK	1	0	23.10	22.99	22.84	23.2
20	QPSK	1	49	23.07	22.94	22.83	
20	QPSK	1	99	22.91	22.80	22.62	
20	QPSK	50	0	23.00	22.86	22.64	23.2
20	QPSK	50	24	22.93	22.83	22.59	
20	QPSK	50	50	22.91	22.74	22.60	
20	QPSK	100	0	22.97	22.78	22.62	
20	16QAM	1	0	23.20	23.19	22.99	23.2
20	16QAM	1	49	23.18	23.11	23.05	
20	16QAM	1	99	23.09	23.07	22.84	
20	16QAM	50	0	22.99	22.87	22.73	23.2
20	16QAM	50	24	22.95	22.82	22.69	
20	16QAM	50	50	22.92	22.80	22.67	
20	16QAM	100	0	22.73	22.77	22.72	
20	64QAM	1	0	23.06	23.00	22.98	23.2
20	64QAM	1	49	23.19	23.19	22.93	
20	64QAM	1	99	23.18	23.07	22.86	
20	64QAM	50	0	22.02	21.78	21.75	22.2
20	64QAM	50	24	21.99	21.09	21.74	
20	64QAM	50	50	21.94	21.85	21.70	
20	64QAM	100	0	21.96	21.83	21.69	
20	256QAM	1	0	19.85	19.83	19.82	20.2
20	256QAM	1	49	19.79	19.82	19.83	
20	256QAM	1	99	19.61	19.61	19.50	
20	256QAM	50	0	19.71	19.83	19.83	20.2
20	256QAM	50	24	19.64	19.80	19.72	
20	256QAM	50	50	19.63	19.62	19.63	
20	256QAM	100	0	19.67	19.84	19.74	
Channel				133197	133297	133397	
Frequency (MHz)				670.5	680.5	690.5	
15	QPSK	1	0	23.01	22.91	22.81	23.2
15	QPSK	1	37	23.02	22.89	22.79	
15	QPSK	1	74	22.85	22.70	22.62	
15	QPSK	36	0	22.98	22.86	22.63	23.2
15	QPSK	36	20	22.90	22.74	22.55	
15	QPSK	36	39	22.82	22.68	22.58	
15	QPSK	75	0	22.88	22.69	22.60	
15	16QAM	1	0	23.07	23.17	22.95	23.2
15	16QAM	1	37	23.18	23.11	23.01	
15	16QAM	1	74	23.00	22.86	22.81	
15	16QAM	36	0	22.97	22.80	22.63	23.2
15	16QAM	36	20	22.93	22.81	22.65	
15	16QAM	36	39	22.92	22.70	22.64	
15	16QAM	75	0	22.71	22.73	22.71	
15	64QAM	1	0	22.99	22.96	22.91	23.2
15	64QAM	1	37	23.17	23.19	22.91	
15	64QAM	1	74	23.13	22.98	22.80	
15	64QAM	36	0	22.02	21.70	21.66	22.2
15	64QAM	36	20	21.97	21.07	21.67	
15	64QAM	36	39	21.91	21.75	21.66	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.93	21.76	21.66	
15	256QAM	1	0	19.78	19.75	19.80	20.2
15	256QAM	1	37	19.79	19.79	19.76	
15	256QAM	1	74	19.55	19.59	19.41	
15	256QAM	36	0	19.70	19.73	19.79	20.2
15	256QAM	36	20	19.61	19.78	19.68	
15	256QAM	36	39	19.62	19.61	19.60	
15	256QAM	75	0	19.64	19.81	19.66	
Channel				133172	133297	133422	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	QPSK	1	0	23.02	22.89	22.82	23.2
10	QPSK	1	25	22.99	22.92	22.80	
10	QPSK	1	49	22.83	22.75	22.52	
10	QPSK	25	0	22.93	22.80	22.60	23.2
10	QPSK	25	12	22.93	22.81	22.50	
10	QPSK	25	25	22.89	22.69	22.58	
10	QPSK	50	0	22.89	22.73	22.60	
10	16QAM	1	0	23.14	23.12	22.89	23.2
10	16QAM	1	25	23.17	23.01	23.04	
10	16QAM	1	49	23.00	22.87	22.82	
10	16QAM	25	0	22.98	22.85	22.66	23.2
10	16QAM	25	12	22.85	22.72	22.63	
10	16QAM	25	25	22.92	22.74	22.67	
10	16QAM	50	0	22.68	22.67	22.67	
10	64QAM	1	0	23.04	22.92	22.98	23.2
10	64QAM	1	25	23.17	23.09	22.89	
10	64QAM	1	49	23.11	23.04	22.80	
10	64QAM	25	0	21.92	21.71	21.66	22.2
10	64QAM	25	12	21.94	21.00	21.68	
10	64QAM	25	25	21.89	21.75	21.65	
10	64QAM	50	0	21.90	21.74	21.66	
10	256QAM	1	0	19.79	19.78	19.73	20.2
10	256QAM	1	25	19.78	19.72	19.79	
10	256QAM	1	49	19.56	19.59	19.49	
10	256QAM	25	0	19.67	19.79	19.77	20.2
10	256QAM	25	12	19.59	19.71	19.64	
10	256QAM	25	25	19.61	19.59	19.60	
10	256QAM	50	0	19.64	19.79	19.72	
Channel				133147	133297	133447	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	QPSK	1	0	23.00	22.93	22.75	23.2
5	QPSK	1	12	22.97	22.86	22.83	
5	QPSK	1	24	22.81	22.79	22.52	
5	QPSK	12	0	23.00	22.84	22.58	23.2
5	QPSK	12	7	22.90	22.79	22.53	
5	QPSK	12	13	22.86	22.64	22.57	
5	QPSK	25	0	22.88	22.72	22.58	
5	16QAM	1	0	23.07	23.16	22.92	23.2
5	16QAM	1	12	23.19	23.10	22.99	
5	16QAM	1	24	23.08	22.90	22.83	
5	16QAM	12	0	22.92	22.78	22.68	23.2
5	16QAM	12	7	22.92	22.79	22.65	
5	16QAM	12	13	22.91	22.80	22.58	
5	16QAM	25	0	22.73	22.71	22.63	
5	64QAM	1	0	23.03	22.94	22.97	23.2
5	64QAM	1	12	23.09	23.17	22.89	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.11	23.01	22.82	
5	64QAM	12	0	22.02	21.72	21.68	22.2
5	64QAM	12	7	21.91	21.05	21.74	
5	64QAM	12	13	21.89	21.85	21.64	
5	64QAM	25	0	21.93	21.73	21.60	
5	256QAM	1	0	19.85	19.78	19.80	20.2
5	256QAM	1	12	19.72	19.76	19.73	
5	256QAM	1	24	19.52	19.57	19.40	
5	256QAM	12	0	19.64	19.75	19.83	20.2
5	256QAM	12	7	19.56	19.71	19.62	
5	256QAM	12	13	19.63	19.57	19.61	
5	256QAM	25	0	19.67	19.80	19.71	



TDD LTE Band 38 PC3\_(Index 1/2/3/4/5/6)

Ant 2							
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	24.46	24.65	24.61	25.4
20	QPSK	1	49	24.35	24.45	24.39	
20	QPSK	1	99	24.47	24.52	24.43	
20	QPSK	50	0	22.50	22.51	22.48	23.4
20	QPSK	50	24	22.60	22.64	22.55	
20	QPSK	50	50	22.62	22.63	22.56	
20	QPSK	100	0	22.70	22.71	22.57	23.4
20	16QAM	1	0	22.62	22.56	22.59	
20	16QAM	1	49	22.54	22.47	22.50	
20	16QAM	1	99	22.72	22.63	22.60	22.4
20	16QAM	50	0	21.74	21.66	21.60	
20	16QAM	50	24	21.74	21.67	21.60	
20	16QAM	50	50	21.76	21.67	21.63	22.4
20	16QAM	100	0	21.75	21.66	21.62	
20	64QAM	1	0	21.50	21.40	21.45	
20	64QAM	1	49	21.37	21.34	21.34	22.4
20	64QAM	1	99	21.50	21.50	21.39	
20	64QAM	50	0	20.70	20.62	20.58	
20	64QAM	50	24	20.69	20.63	20.59	21.4
20	64QAM	50	50	20.72	20.64	20.59	
20	64QAM	100	0	20.71	20.65	20.60	
20	256QAM	1	0	18.58	18.65	18.52	19.4
20	256QAM	1	49	18.56	18.62	18.49	
20	256QAM	1	99	18.44	18.49	18.52	
20	256QAM	50	0	17.76	17.75	17.72	18.4
20	256QAM	50	24	17.66	17.67	17.69	
20	256QAM	50	50	17.73	17.58	17.69	
20	256QAM	100	0	17.64	17.58	17.70	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.37	24.57	24.61	25.4
15	QPSK	1	37	24.29	24.43	24.34	
15	QPSK	1	74	24.37	24.43	24.42	
15	QPSK	36	0	22.46	22.46	22.44	23.4
15	QPSK	36	20	22.52	22.55	22.46	
15	QPSK	36	39	22.54	22.54	22.51	
15	QPSK	75	0	22.60	22.70	22.48	23.4
15	16QAM	1	0	22.56	22.46	22.52	
15	16QAM	1	37	22.54	22.43	22.44	
15	16QAM	1	74	22.64	22.57	22.54	22.4
15	16QAM	36	0	21.72	21.65	21.52	
15	16QAM	36	20	21.68	21.58	21.55	
15	16QAM	36	39	21.76	21.67	21.57	22.4
15	16QAM	75	0	21.70	21.61	21.61	
15	64QAM	1	0	21.47	21.34	21.36	
15	64QAM	1	37	21.28	21.26	21.26	22.4
15	64QAM	1	74	21.47	21.41	21.36	
15	64QAM	36	0	20.68	20.58	20.58	
15	64QAM	36	20	20.62	20.62	20.52	21.4
15	64QAM	36	39	20.68	20.62	20.49	





**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.63	20.58	20.56	
15	256QAM	1	0	18.53	18.62	18.48	19.4
15	256QAM	1	37	18.46	18.53	18.49	
15	256QAM	1	74	18.36	18.46	18.44	
15	256QAM	36	0	17.73	17.70	17.63	18.4
15	256QAM	36	20	17.62	17.66	17.64	
15	256QAM	36	39	17.73	17.50	17.67	
15	256QAM	75	0	17.64	17.54	17.64	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.38	24.57	24.60	25.4
10	QPSK	1	25	24.35	24.35	24.35	
10	QPSK	1	49	24.45	24.49	24.35	
10	QPSK	25	0	22.42	22.46	22.42	23.4
10	QPSK	25	12	22.56	22.54	22.54	
10	QPSK	25	25	22.62	22.62	22.55	
10	QPSK	50	0	22.66	22.61	22.49	
10	16QAM	1	0	22.61	22.46	22.56	23.4
10	16QAM	1	25	22.44	22.41	22.43	
10	16QAM	1	49	22.69	22.54	22.50	
10	16QAM	25	0	21.68	21.59	21.53	22.4
10	16QAM	25	12	21.73	21.67	21.60	
10	16QAM	25	25	21.73	21.59	21.54	
10	16QAM	50	0	21.68	21.66	21.55	
10	64QAM	1	0	21.49	21.40	21.35	22.4
10	64QAM	1	25	21.35	21.26	21.24	
10	64QAM	1	49	21.41	21.40	21.38	
10	64QAM	25	0	20.68	20.58	20.49	21.4
10	64QAM	25	12	20.64	20.59	20.50	
10	64QAM	25	25	20.63	20.59	20.54	
10	64QAM	50	0	20.70	20.62	20.52	
10	256QAM	1	0	18.49	18.62	18.47	19.4
10	256QAM	1	25	18.52	18.61	18.39	
10	256QAM	1	49	18.35	18.39	18.43	
10	256QAM	25	0	17.72	17.71	17.62	18.4
10	256QAM	25	12	17.66	17.58	17.64	
10	256QAM	25	25	17.67	17.51	17.59	
10	256QAM	50	0	17.55	17.52	17.67	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.45	24.63	24.60	25.4
5	QPSK	1	12	24.30	24.45	24.39	
5	QPSK	1	24	24.40	24.42	24.43	
5	QPSK	12	0	22.40	22.49	22.45	23.4
5	QPSK	12	7	22.55	22.60	22.53	
5	QPSK	12	13	22.60	22.60	22.51	
5	QPSK	25	0	22.68	22.62	22.50	
5	16QAM	1	0	22.52	22.54	22.49	23.4
5	16QAM	1	12	22.46	22.46	22.45	
5	16QAM	1	24	22.69	22.53	22.57	
5	16QAM	12	0	21.66	21.62	21.60	22.4
5	16QAM	12	7	21.73	21.62	21.57	
5	16QAM	12	13	21.74	21.67	21.54	
5	16QAM	25	0	21.68	21.65	21.57	
5	64QAM	1	0	21.43	21.32	21.45	22.4
5	64QAM	1	12	21.34	21.32	21.30	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	21.46	21.45	21.29	
5	64QAM	12	0	20.70	20.52	20.52	21.4
5	64QAM	12	7	20.59	20.53	20.58	
5	64QAM	12	13	20.69	20.54	20.51	
5	64QAM	25	0	20.63	20.59	20.55	
5	256QAM	1	0	18.53	18.55	18.47	19.4
5	256QAM	1	12	18.46	18.57	18.42	
5	256QAM	1	24	18.40	18.46	18.50	
5	256QAM	12	0	17.67	17.68	17.69	18.4
5	256QAM	12	7	17.66	17.63	17.69	
5	256QAM	12	13	17.72	17.52	17.62	
5	256QAM	25	0	17.60	17.58	17.70	



TDD LTE Band 38 PC2\_(Index 1/2/3/4/5/6)

Ant 2							
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	26.06	26.09	25.98	26.9
20	QPSK	1	49	25.96	25.95	25.85	
20	QPSK	1	99	26.05	26.06	25.96	
20	QPSK	50	0	24.14	24.17	24.08	24.9
20	QPSK	50	24	24.13	24.14	24.06	
20	QPSK	50	50	24.13	24.15	24.05	
20	QPSK	100	0	24.14	24.15	24.03	
20	16QAM	1	0	24.45	24.56	24.45	24.9
20	16QAM	1	49	24.32	24.28	24.13	
20	16QAM	1	99	24.44	24.39	24.36	
20	16QAM	50	0	23.16	23.13	23.04	23.9
20	16QAM	50	24	23.17	23.10	23.05	
20	16QAM	50	50	23.16	23.11	23.08	
20	16QAM	100	0	23.16	23.12	23.05	
20	64QAM	1	0	23.34	23.33	23.12	23.9
20	64QAM	1	49	22.93	22.87	23.05	
20	64QAM	1	99	23.04	22.98	23.18	
20	64QAM	50	0	22.17	22.12	22.04	22.9
20	64QAM	50	24	22.18	22.12	22.04	
20	64QAM	50	50	22.17	22.19	22.02	
20	64QAM	100	0	22.15	22.16	22.02	
20	256QAM	1	0	20.15	20.16	20.14	20.9
20	256QAM	1	49	19.99	19.94	19.97	
20	256QAM	1	99	19.96	19.96	19.98	
20	256QAM	50	0	19.40	19.46	19.47	19.9
20	256QAM	50	24	19.41	19.43	19.29	
20	256QAM	50	50	19.31	19.33	19.31	
20	256QAM	100	0	19.21	19.32	19.34	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	25.98	25.99	25.91	26.9
15	QPSK	1	37	25.90	25.92	25.77	
15	QPSK	1	74	26.00	25.97	25.87	
15	QPSK	36	0	24.10	24.09	24.01	24.9
15	QPSK	36	20	24.13	24.13	24.02	
15	QPSK	36	39	24.07	24.05	24.00	
15	QPSK	75	0	24.12	24.14	24.03	
15	16QAM	1	0	24.42	24.56	24.39	24.9
15	16QAM	1	37	24.23	24.20	24.11	
15	16QAM	1	74	24.34	24.38	24.32	
15	16QAM	36	0	23.10	23.12	22.96	23.9
15	16QAM	36	20	23.09	23.10	23.00	
15	16QAM	36	39	23.08	23.02	23.06	
15	16QAM	75	0	23.06	23.02	23.00	
15	64QAM	1	0	23.25	23.25	23.02	23.9
15	64QAM	1	37	22.93	22.79	23.04	
15	64QAM	1	74	23.04	22.89	23.09	
15	64QAM	36	0	22.07	22.11	21.98	22.9
15	64QAM	36	20	22.08	22.10	21.95	
15	64QAM	36	39	22.15	22.11	22.00	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	22.14	22.13	21.92	
15	256QAM	1	0	20.14	20.13	20.07	20.9
15	256QAM	1	37	19.96	19.91	19.93	
15	256QAM	1	74	19.96	19.94	19.92	
15	256QAM	36	0	19.35	19.46	19.43	19.9
15	256QAM	36	20	19.31	19.36	19.26	
15	256QAM	36	39	19.26	19.31	19.23	
15	256QAM	75	0	19.18	19.25	19.29	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	25.99	26.06	25.88	26.9
10	QPSK	1	25	25.90	25.85	25.78	
10	QPSK	1	49	26.02	26.02	25.88	
10	QPSK	25	0	24.05	24.15	24.08	24.9
10	QPSK	25	12	24.07	24.07	24.00	
10	QPSK	25	25	24.06	24.11	23.98	
10	QPSK	50	0	24.05	24.08	24.02	
10	16QAM	1	0	24.41	24.46	24.41	24.9
10	16QAM	1	25	24.24	24.26	24.12	
10	16QAM	1	49	24.38	24.35	24.35	
10	16QAM	25	0	23.14	23.11	23.01	23.9
10	16QAM	25	12	23.10	23.04	23.05	
10	16QAM	25	25	23.14	23.11	23.08	
10	16QAM	50	0	23.06	23.09	23.05	
10	64QAM	1	0	23.29	23.23	23.04	23.9
10	64QAM	1	25	22.90	22.86	22.97	
10	64QAM	1	49	22.94	22.90	23.17	
10	64QAM	25	0	22.16	22.10	22.04	22.9
10	64QAM	25	12	22.10	22.12	22.03	
10	64QAM	25	25	22.16	22.11	21.99	
10	64QAM	50	0	22.06	22.16	21.97	
10	256QAM	1	0	20.10	20.09	20.07	20.9
10	256QAM	1	25	19.90	19.92	19.87	
10	256QAM	1	49	19.92	19.88	19.95	
10	256QAM	25	0	19.32	19.46	19.38	19.9
10	256QAM	25	12	19.37	19.43	19.21	
10	256QAM	25	25	19.31	19.32	19.30	
10	256QAM	50	0	19.19	19.31	19.24	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	25.97	26.05	25.95	26.9
5	QPSK	1	12	25.95	25.93	25.78	
5	QPSK	1	24	25.98	26.02	25.86	
5	QPSK	12	0	24.06	24.14	24.01	24.9
5	QPSK	12	7	24.13	24.11	24.00	
5	QPSK	12	13	24.13	24.11	24.00	
5	QPSK	25	0	24.14	24.06	23.93	
5	16QAM	1	0	24.41	24.50	24.35	24.9
5	16QAM	1	12	24.32	24.25	24.07	
5	16QAM	1	24	24.42	24.35	24.27	
5	16QAM	12	0	23.13	23.05	22.96	23.9
5	16QAM	12	7	23.13	23.03	23.03	
5	16QAM	12	13	23.09	23.09	22.98	
5	16QAM	25	0	23.08	23.07	22.96	
5	64QAM	1	0	23.27	23.24	23.09	23.9
5	64QAM	1	12	22.88	22.84	23.03	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.98	22.93	23.14	
5	64QAM	12	0	22.13	22.05	21.96	22.9
5	64QAM	12	7	22.16	22.06	21.94	
5	64QAM	12	13	22.16	22.19	21.93	
5	64QAM	25	0	22.06	22.08	21.95	
5	256QAM	1	0	20.14	20.12	20.06	20.9
5	256QAM	1	12	19.95	19.84	19.87	
5	256QAM	1	24	19.88	19.86	19.90	
5	256QAM	12	0	19.35	19.45	19.38	19.9
5	256QAM	12	7	19.37	19.37	19.21	
5	256QAM	12	13	19.27	19.31	19.25	
5	256QAM	25	0	19.14	19.30	19.29	



TDD LTE Band 38 PC3\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.32	24.53	24.42	25.4
20	QPSK	1	49	24.20	24.31	24.17	
20	QPSK	1	99	24.29	24.33	24.13	
20	QPSK	50	0	22.47	22.49	22.26	23.4
20	QPSK	50	24	22.46	22.46	22.22	
20	QPSK	50	50	22.44	22.43	22.25	
20	QPSK	100	0	22.64	22.65	22.27	
20	16QAM	1	0	22.60	22.48	22.33	23.4
20	16QAM	1	49	22.47	22.36	22.23	
20	16QAM	1	99	22.54	22.48	22.33	
20	16QAM	50	0	21.65	21.49	21.32	22.4
20	16QAM	50	24	21.65	21.54	21.31	
20	16QAM	50	50	21.66	21.55	21.30	
20	16QAM	100	0	21.68	21.57	21.34	
20	64QAM	1	0	21.55	21.41	21.16	22.4
20	64QAM	1	49	21.40	21.27	21.09	
20	64QAM	1	99	21.49	21.36	21.16	
20	64QAM	50	0	20.71	20.54	20.38	21.4
20	64QAM	50	24	20.71	20.56	20.37	
20	64QAM	50	50	20.72	20.50	20.36	
20	64QAM	100	0	20.68	20.55	20.40	
20	256QAM	1	0	18.63	18.42	18.21	19.4
20	256QAM	1	49	18.48	18.29	18.09	
20	256QAM	1	99	18.59	18.44	18.25	
20	256QAM	50	0	17.72	17.63	17.47	18.4
20	256QAM	50	24	17.77	17.63	17.41	
20	256QAM	50	50	17.77	17.56	17.45	
20	256QAM	100	0	17.74	17.62	17.50	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.30	24.48	24.34	25.4
15	QPSK	1	37	24.13	24.23	24.11	
15	QPSK	1	74	24.20	24.32	24.11	
15	QPSK	36	0	22.33	22.27	22.06	23.4
15	QPSK	36	20	22.52	22.42	22.22	
15	QPSK	36	39	22.53	22.36	22.18	
15	QPSK	75	0	22.55	22.50	22.20	
15	16QAM	1	0	22.53	22.40	22.29	23.4
15	16QAM	1	37	22.40	22.35	22.17	
15	16QAM	1	74	22.53	22.42	22.29	
15	16QAM	36	0	21.65	21.47	21.29	22.4
15	16QAM	36	20	21.58	21.46	21.26	
15	16QAM	36	39	21.66	21.49	21.30	
15	16QAM	75	0	21.64	21.54	21.34	
15	64QAM	1	0	21.54	21.40	21.15	22.4
15	64QAM	1	37	21.31	21.27	21.07	
15	64QAM	1	74	21.41	21.36	21.07	
15	64QAM	36	0	20.64	20.49	20.33	21.4
15	64QAM	36	20	20.63	20.54	20.37	
15	64QAM	36	39	20.62	20.45	20.27	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.68	20.49	20.36	
15	256QAM	1	0	18.54	18.40	18.19	19.4
15	256QAM	1	37	18.48	18.27	18.08	
15	256QAM	1	74	18.58	18.43	18.22	
15	256QAM	36	0	17.64	17.55	17.42	18.4
15	256QAM	36	20	17.70	17.62	17.40	
15	256QAM	36	39	17.72	17.53	17.35	
15	256QAM	75	0	17.72	17.62	17.40	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.24	24.44	24.32	25.4
10	QPSK	1	25	24.10	24.29	24.17	
10	QPSK	1	49	24.29	24.29	24.07	
10	QPSK	25	0	22.41	22.34	22.08	23.4
10	QPSK	25	12	22.51	22.39	22.16	
10	QPSK	25	25	22.58	22.36	22.21	
10	QPSK	50	0	22.61	22.45	22.27	
10	16QAM	1	0	22.56	22.42	22.24	23.4
10	16QAM	1	25	22.40	22.35	22.17	
10	16QAM	1	49	22.48	22.42	22.28	
10	16QAM	25	0	21.60	21.43	21.27	22.4
10	16QAM	25	12	21.57	21.52	21.23	
10	16QAM	25	25	21.61	21.55	21.22	
10	16QAM	50	0	21.68	21.53	21.33	
10	64QAM	1	0	21.49	21.36	21.14	22.4
10	64QAM	1	25	21.34	21.21	20.99	
10	64QAM	1	49	21.46	21.26	21.08	
10	64QAM	25	0	20.68	20.48	20.34	21.4
10	64QAM	25	12	20.67	20.47	20.31	
10	64QAM	25	25	20.63	20.48	20.33	
10	64QAM	50	0	20.62	20.48	20.33	
10	256QAM	1	0	18.62	18.33	18.19	19.4
10	256QAM	1	25	18.45	18.23	17.99	
10	256QAM	1	49	18.52	18.35	18.20	
10	256QAM	25	0	17.64	17.59	17.40	18.4
10	256QAM	25	12	17.75	17.62	17.31	
10	256QAM	25	25	17.74	17.55	17.37	
10	256QAM	50	0	17.74	17.55	17.48	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.30	24.44	24.32	25.4
5	QPSK	1	12	24.19	24.31	24.10	
5	QPSK	1	24	24.22	24.32	24.03	
5	QPSK	12	0	22.41	22.33	22.14	23.4
5	QPSK	12	7	22.46	22.46	22.16	
5	QPSK	12	13	22.48	22.38	22.15	
5	QPSK	25	0	22.54	22.49	22.20	
5	16QAM	1	0	22.55	22.48	22.32	23.4
5	16QAM	1	12	22.40	22.32	22.18	
5	16QAM	1	24	22.53	22.42	22.25	
5	16QAM	12	0	21.57	21.48	21.25	22.4
5	16QAM	12	7	21.64	21.48	21.30	
5	16QAM	12	13	21.61	21.53	21.22	
5	16QAM	25	0	21.66	21.54	21.24	
5	64QAM	1	0	21.46	21.33	21.11	22.4
5	64QAM	1	12	21.40	21.21	21.08	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	21.43	21.29	21.10	
5	64QAM	12	0	20.66	20.51	20.31	21.4
5	64QAM	12	7	20.62	20.48	20.31	
5	64QAM	12	13	20.71	20.45	20.32	
5	64QAM	25	0	20.63	20.49	20.31	
5	256QAM	1	0	18.56	18.37	18.11	19.4
5	256QAM	1	12	18.43	18.23	18.07	
5	256QAM	1	24	18.52	18.36	18.17	
5	256QAM	12	0	17.62	17.61	17.40	18.4
5	256QAM	12	7	17.77	17.61	17.41	
5	256QAM	12	13	17.67	17.53	17.40	
5	256QAM	25	0	17.73	17.55	17.41	





TDD LTE Band 38 PC3\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	20.28	20.05	19.98	20.7
20	QPSK	1	49	20.11	20.00	19.97	
20	QPSK	1	99	20.23	20.11	20.07	
20	QPSK	50	0	20.26	20.13	20.12	20.7
20	QPSK	50	24	20.24	20.12	20.08	
20	QPSK	50	50	20.25	20.10	20.01	
20	QPSK	100	0	20.25	20.12	20.05	
20	16QAM	1	0	20.14	20.06	20.03	20.7
20	16QAM	1	49	20.07	19.93	19.89	
20	16QAM	1	99	20.23	20.04	19.95	
20	16QAM	50	0	20.24	20.09	20.09	20.7
20	16QAM	50	24	20.26	20.07	20.00	
20	16QAM	50	50	20.26	20.08	20.01	
20	16QAM	100	0	20.25	20.13	20.07	
20	64QAM	1	0	20.05	20.05	20.02	20.7
20	64QAM	1	49	19.93	19.88	19.81	
20	64QAM	1	99	20.08	20.03	19.94	
20	64QAM	50	0	20.24	20.11	20.10	20.7
20	64QAM	50	24	20.23	20.07	19.97	
20	64QAM	50	50	20.26	20.08	20.04	
20	64QAM	100	0	20.26	20.11	20.04	
20	256QAM	1	0	18.60	18.36	18.14	18.7
20	256QAM	1	49	18.44	18.19	18.06	
20	256QAM	1	99	18.51	18.41	18.20	
20	256QAM	50	0	17.66	17.53	17.37	17.7
20	256QAM	50	24	17.69	17.54	17.34	
20	256QAM	50	50	17.68	17.49	17.41	
20	256QAM	100	0	17.69	17.61	17.49	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	20.22	19.99	19.88	20.7
15	QPSK	1	37	20.02	19.91	19.94	
15	QPSK	1	74	20.21	20.02	20.03	
15	QPSK	36	0	20.21	20.03	20.05	20.7
15	QPSK	36	20	20.16	20.04	20.03	
15	QPSK	36	39	20.22	20.07	19.97	
15	QPSK	75	0	20.16	20.10	19.98	
15	16QAM	1	0	20.05	20.01	19.93	20.7
15	16QAM	1	37	20.01	19.93	19.88	
15	16QAM	1	74	20.14	19.97	19.92	
15	16QAM	36	0	20.24	20.07	20.06	20.7
15	16QAM	36	20	20.18	20.07	19.93	
15	16QAM	36	39	20.17	19.98	19.95	
15	16QAM	75	0	20.21	20.07	20.02	
15	64QAM	1	0	20.02	19.97	19.97	20.7
15	64QAM	1	37	19.90	19.83	19.76	
15	64QAM	1	74	20.06	19.97	19.84	
15	64QAM	36	0	20.19	20.05	20.09	20.7
15	64QAM	36	20	20.18	20.03	19.89	
15	64QAM	36	39	20.16	20.08	19.95	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.25	20.03	20.01	
15	256QAM	1	0	18.57	18.32	18.05	18.7
15	256QAM	1	37	18.41	18.15	18.00	
15	256QAM	1	74	18.48	18.33	18.15	
15	256QAM	36	0	17.56	17.52	17.32	17.7
15	256QAM	36	20	17.67	17.46	17.34	
15	256QAM	36	39	17.58	17.46	17.40	
15	256QAM	75	0	17.69	17.58	17.42	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	20.28	20.01	19.90	20.7
10	QPSK	1	25	20.04	19.94	19.93	
10	QPSK	1	49	20.16	20.05	20.05	
10	QPSK	25	0	20.26	20.06	20.04	20.7
10	QPSK	25	12	20.19	20.06	19.98	
10	QPSK	25	25	20.16	20.01	19.91	
10	QPSK	50	0	20.16	20.05	20.04	
10	16QAM	1	0	20.08	19.99	19.96	20.7
10	16QAM	1	25	20.02	19.83	19.80	
10	16QAM	1	49	20.18	19.98	19.90	
10	16QAM	25	0	20.15	20.03	20.09	20.7
10	16QAM	25	12	20.20	20.01	19.98	
10	16QAM	25	25	20.22	20.03	19.95	
10	16QAM	50	0	20.16	20.12	19.97	
10	64QAM	1	0	20.00	19.99	20.02	20.7
10	64QAM	1	25	19.84	19.82	19.71	
10	64QAM	1	49	20.02	20.03	19.91	
10	64QAM	25	0	20.23	20.05	20.00	20.7
10	64QAM	25	12	20.13	20.03	19.95	
10	64QAM	25	25	20.19	20.01	20.02	
10	64QAM	50	0	20.23	20.03	19.98	
10	256QAM	1	0	18.55	18.31	18.12	18.7
10	256QAM	1	25	18.43	18.09	17.97	
10	256QAM	1	49	18.45	18.33	18.14	
10	256QAM	25	0	17.60	17.45	17.35	17.7
10	256QAM	25	12	17.67	17.50	17.24	
10	256QAM	25	25	17.62	17.39	17.35	
10	256QAM	50	0	17.64	17.58	17.43	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	20.18	19.97	19.96	20.7
5	QPSK	1	12	20.07	19.97	19.92	
5	QPSK	1	24	20.22	20.11	20.01	
5	QPSK	12	0	20.20	20.11	20.05	20.7
5	QPSK	12	7	20.16	20.10	20.08	
5	QPSK	12	13	20.16	20.09	19.93	
5	QPSK	25	0	20.15	20.03	19.97	
5	16QAM	1	0	20.12	20.06	19.99	20.7
5	16QAM	1	12	20.01	19.93	19.86	
5	16QAM	1	24	20.22	19.95	19.90	
5	16QAM	12	0	20.20	20.07	20.04	20.7
5	16QAM	12	7	20.21	19.99	19.97	
5	16QAM	12	13	20.18	20.04	19.92	
5	16QAM	25	0	20.24	20.03	20.02	
5	64QAM	1	0	19.96	20.03	19.92	20.7
5	64QAM	1	12	19.92	19.83	19.72	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	19.99	19.93	19.93	
5	64QAM	12	0	20.19	20.02	20.06	20.7
5	64QAM	12	7	20.21	19.98	19.96	
5	64QAM	12	13	20.23	20.05	20.04	
5	64QAM	25	0	20.23	20.07	19.99	
5	256QAM	1	0	18.52	18.31	18.06	18.7
5	256QAM	1	12	18.34	18.12	17.97	
5	256QAM	1	24	18.48	18.37	18.13	
5	256QAM	12	0	17.66	17.46	17.29	17.7
5	256QAM	12	7	17.61	17.46	17.30	
5	256QAM	12	13	17.59	17.42	17.36	
5	256QAM	25	0	17.61	17.51	17.42	



TDD LTE Band 38 PC3\_(Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.39	23.38	23.27	24.2
20	QPSK	1	49	23.20	23.18	23.02	
20	QPSK	1	99	23.26	23.20	23.00	
20	QPSK	50	0	22.57	22.39	22.14	22.7
20	QPSK	50	24	22.56	22.38	22.10	
20	QPSK	50	50	22.55	22.38	22.13	
20	QPSK	100	0	22.59	22.38	22.15	
20	16QAM	1	0	22.64	22.30	22.10	22.7
20	16QAM	1	49	22.48	22.16	21.97	
20	16QAM	1	99	22.59	22.29	22.04	
20	16QAM	50	0	21.59	21.37	21.18	21.7
20	16QAM	50	24	21.57	21.42	21.25	
20	16QAM	50	50	21.60	21.42	21.23	
20	16QAM	100	0	21.59	21.44	21.25	
20	64QAM	1	0	21.45	21.36	21.09	21.7
20	64QAM	1	49	21.36	21.18	20.96	
20	64QAM	1	99	21.51	21.26	21.06	
20	64QAM	50	0	20.58	20.42	20.22	20.7
20	64QAM	50	24	20.56	20.42	20.20	
20	64QAM	50	50	20.57	20.41	20.17	
20	64QAM	100	0	20.57	20.42	20.23	
20	256QAM	1	0	18.14	18.01	17.82	18.7
20	256QAM	1	49	18.12	17.86	17.68	
20	256QAM	1	99	18.18	18.11	17.82	
20	256QAM	50	0	17.25	17.22	17.03	17.7
20	256QAM	50	24	17.36	17.29	17.03	
20	256QAM	50	50	17.31	17.21	17.02	
20	256QAM	100	0	17.30	17.22	17.09	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.35	23.35	23.24	24.2
15	QPSK	1	37	23.19	23.11	22.95	
15	QPSK	1	74	23.25	23.20	22.98	
15	QPSK	36	0	22.46	22.28	22.01	22.7
15	QPSK	36	20	22.55	22.35	22.00	
15	QPSK	36	39	22.54	22.37	22.07	
15	QPSK	75	0	22.53	22.28	22.06	
15	16QAM	1	0	22.62	22.28	22.10	22.7
15	16QAM	1	37	22.48	22.08	21.88	
15	16QAM	1	74	22.54	22.28	22.03	
15	16QAM	36	0	21.54	21.37	21.14	21.7
15	16QAM	36	20	21.56	21.34	21.17	
15	16QAM	36	39	21.60	21.39	21.15	
15	16QAM	75	0	21.58	21.36	21.22	
15	64QAM	1	0	21.37	21.36	21.08	21.7
15	64QAM	1	37	21.35	21.18	20.93	
15	64QAM	1	74	21.50	21.22	21.02	
15	64QAM	36	0	20.51	20.32	20.13	20.7
15	64QAM	36	20	20.52	20.41	20.11	
15	64QAM	36	39	20.47	20.36	20.11	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.48	20.42	20.17	
15	256QAM	1	0	18.17	17.99	17.74	18.7
15	256QAM	1	37	18.11	17.87	17.64	
15	256QAM	1	74	18.23	18.11	17.82	
15	256QAM	36	0	17.30	17.23	17.12	17.7
15	256QAM	36	20	17.27	17.24	17.03	
15	256QAM	36	39	17.34	17.20	17.01	
15	256QAM	75	0	17.33	17.22	17.11	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.30	23.36	23.25	24.2
10	QPSK	1	25	23.14	23.10	23.00	
10	QPSK	1	49	23.23	23.20	22.95	
10	QPSK	25	0	22.41	22.25	22.03	22.7
10	QPSK	25	12	22.46	22.36	22.03	
10	QPSK	25	25	22.49	22.29	22.06	
10	QPSK	50	0	22.53	22.36	22.11	
10	16QAM	1	0	22.62	22.30	22.06	22.7
10	16QAM	1	25	22.42	22.06	21.92	
10	16QAM	1	49	22.49	22.20	21.96	
10	16QAM	25	0	21.53	21.32	21.09	21.7
10	16QAM	25	12	21.54	21.39	21.18	
10	16QAM	25	25	21.57	21.33	21.16	
10	16QAM	50	0	21.54	21.40	21.19	
10	64QAM	1	0	21.42	21.34	21.08	21.7
10	64QAM	1	25	21.28	21.09	20.91	
10	64QAM	1	49	21.46	21.23	21.03	
10	64QAM	25	0	20.53	20.34	20.16	20.7
10	64QAM	25	12	20.46	20.41	20.20	
10	64QAM	25	25	20.57	20.37	20.13	
10	64QAM	50	0	20.54	20.35	20.13	
10	256QAM	1	0	18.16	18.00	17.73	18.7
10	256QAM	1	25	18.11	17.85	17.70	
10	256QAM	1	49	18.17	18.07	17.90	
10	256QAM	25	0	17.31	17.26	17.06	17.7
10	256QAM	25	12	17.28	17.27	16.99	
10	256QAM	25	25	17.31	17.17	17.02	
10	256QAM	50	0	17.29	17.27	17.15	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.35	23.35	23.17	24.2
5	QPSK	1	12	23.14	23.14	22.97	
5	QPSK	1	24	23.21	23.11	22.96	
5	QPSK	12	0	22.46	22.27	22.07	22.7
5	QPSK	12	7	22.52	22.33	22.01	
5	QPSK	12	13	22.54	22.32	22.05	
5	QPSK	25	0	22.55	22.36	22.15	
5	16QAM	1	0	22.55	22.27	22.05	22.7
5	16QAM	1	12	22.45	22.09	21.93	
5	16QAM	1	24	22.55	22.21	21.95	
5	16QAM	12	0	21.52	21.37	21.18	21.7
5	16QAM	12	7	21.55	21.41	21.23	
5	16QAM	12	13	21.51	21.38	21.21	
5	16QAM	25	0	21.49	21.34	21.16	
5	64QAM	1	0	21.44	21.31	21.05	21.7
5	64QAM	1	12	21.36	21.08	20.91	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	21.44	21.25	21.01	
5	64QAM	12	0	20.54	20.39	20.19	20.7
5	64QAM	12	7	20.47	20.37	20.12	
5	64QAM	12	13	20.49	20.36	20.14	
5	64QAM	25	0	20.48	20.35	20.22	
5	256QAM	1	0	18.20	18.02	17.82	18.7
5	256QAM	1	12	18.10	17.90	17.64	
5	256QAM	1	24	18.13	18.06	17.84	
5	256QAM	12	0	17.29	17.25	17.07	17.7
5	256QAM	12	7	17.32	17.31	17.00	
5	256QAM	12	13	17.30	17.19	17.04	
5	256QAM	25	0	17.28	17.25	17.12	



TDD LTE Band 38 PC3\_(Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	22.34	22.27	22.21	23
20	QPSK	1	49	22.27	22.14	22.06	
20	QPSK	1	99	22.38	22.24	22.12	
20	QPSK	50	0	22.44	22.34	22.18	23
20	QPSK	50	24	22.46	22.35	22.16	
20	QPSK	50	50	22.44	22.31	22.13	
20	QPSK	100	0	22.43	22.32	22.15	
20	16QAM	1	0	22.44	22.23	22.17	23
20	16QAM	1	49	22.31	22.16	22.07	
20	16QAM	1	99	22.44	22.30	22.14	
20	16QAM	50	0	21.47	21.31	21.13	22
20	16QAM	50	24	21.49	21.29	21.12	
20	16QAM	50	50	21.49	21.32	21.10	
20	16QAM	100	0	21.47	21.36	21.17	
20	64QAM	1	0	21.31	21.19	21.05	22
20	64QAM	1	49	21.22	21.05	20.92	
20	64QAM	1	99	21.32	21.13	20.95	
20	64QAM	50	0	20.47	20.32	20.12	21
20	64QAM	50	24	20.46	20.34	20.11	
20	64QAM	50	50	20.46	20.32	20.13	
20	64QAM	100	0	20.47	20.33	20.18	
20	256QAM	1	0	17.95	17.82	17.64	18
20	256QAM	1	49	17.90	17.79	17.56	
20	256QAM	1	99	17.99	17.92	17.71	
20	256QAM	50	0	17.15	17.03	16.96	18
20	256QAM	50	24	17.18	17.09	16.83	
20	256QAM	50	50	17.21	17.04	16.87	
20	256QAM	100	0	17.16	17.07	16.95	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	22.33	22.18	22.13	23
15	QPSK	1	37	22.24	22.13	21.99	
15	QPSK	1	74	22.29	22.19	22.05	
15	QPSK	36	0	22.44	22.34	22.15	23
15	QPSK	36	20	22.39	22.32	22.12	
15	QPSK	36	39	22.35	22.21	22.06	
15	QPSK	75	0	22.35	22.26	22.09	
15	16QAM	1	0	22.41	22.16	22.13	23
15	16QAM	1	37	22.25	22.09	22.07	
15	16QAM	1	74	22.37	22.23	22.10	
15	16QAM	36	0	21.43	21.27	21.12	22
15	16QAM	36	20	21.41	21.22	21.02	
15	16QAM	36	39	21.44	21.22	21.00	
15	16QAM	75	0	21.43	21.27	21.11	
15	64QAM	1	0	21.31	21.17	20.97	22
15	64QAM	1	37	21.22	21.03	20.88	
15	64QAM	1	74	21.23	21.10	20.91	
15	64QAM	36	0	20.44	20.22	20.04	21
15	64QAM	36	20	20.43	20.24	20.07	
15	64QAM	36	39	20.42	20.25	20.06	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.46	20.28	20.13	
15	256QAM	1	0	17.95	17.73	17.57	18
15	256QAM	1	37	17.89	17.78	17.50	
15	256QAM	1	74	17.98	17.90	17.67	
15	256QAM	36	0	17.06	16.93	16.93	18
15	256QAM	36	20	17.10	17.04	16.76	
15	256QAM	36	39	17.12	16.94	16.85	
15	256QAM	75	0	17.09	17.03	16.87	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	22.33	22.22	22.14	23
10	QPSK	1	25	22.20	22.08	21.97	
10	QPSK	1	49	22.32	22.21	22.11	
10	QPSK	25	0	22.35	22.27	22.16	23
10	QPSK	25	12	22.45	22.33	22.13	
10	QPSK	25	25	22.34	22.22	22.03	
10	QPSK	50	0	22.35	22.24	22.08	
10	16QAM	1	0	22.35	22.19	22.12	23
10	16QAM	1	25	22.30	22.11	22.00	
10	16QAM	1	49	22.35	22.21	22.12	
10	16QAM	25	0	21.40	21.27	21.13	22
10	16QAM	25	12	21.46	21.19	21.09	
10	16QAM	25	25	21.43	21.23	21.00	
10	16QAM	50	0	21.42	21.35	21.11	
10	64QAM	1	0	21.23	21.17	21.03	22
10	64QAM	1	25	21.20	20.99	20.82	
10	64QAM	1	49	21.29	21.07	20.89	
10	64QAM	25	0	20.42	20.29	20.08	21
10	64QAM	25	12	20.41	20.34	20.10	
10	64QAM	25	25	20.37	20.26	20.13	
10	64QAM	50	0	20.40	20.26	20.15	
10	256QAM	1	0	17.94	17.76	17.60	18
10	256QAM	1	25	17.82	17.73	17.54	
10	256QAM	1	49	17.98	17.82	17.64	
10	256QAM	25	0	17.12	17.01	16.88	18
10	256QAM	25	12	17.14	17.03	16.75	
10	256QAM	25	25	17.16	17.01	16.80	
10	256QAM	50	0	17.12	17.02	16.95	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	22.34	22.18	22.12	23
5	QPSK	1	12	22.19	22.09	22.03	
5	QPSK	1	24	22.29	22.19	22.02	
5	QPSK	12	0	22.36	22.26	22.16	23
5	QPSK	12	7	22.37	22.31	22.10	
5	QPSK	12	13	22.42	22.30	22.12	
5	QPSK	25	0	22.36	22.32	22.13	
5	16QAM	1	0	22.41	22.14	22.08	23
5	16QAM	1	12	22.24	22.06	22.01	
5	16QAM	1	24	22.38	22.27	22.12	
5	16QAM	12	0	21.42	21.23	21.05	22
5	16QAM	12	7	21.42	21.21	21.09	
5	16QAM	12	13	21.43	21.29	21.05	
5	16QAM	25	0	21.44	21.35	21.17	
5	64QAM	1	0	21.28	21.18	20.99	22
5	64QAM	1	12	21.21	20.99	20.90	





**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

5	64QAM	1	24	21.23	21.06	20.93	
5	64QAM	12	0	20.37	20.28	20.05	21
5	64QAM	12	7	20.45	20.28	20.09	
5	64QAM	12	13	20.44	20.27	20.12	
5	64QAM	25	0	20.37	20.31	20.14	
5	256QAM	1	0	17.88	17.73	17.64	18
5	256QAM	1	12	17.86	17.78	17.52	
5	256QAM	1	24	17.90	17.83	17.64	
5	256QAM	12	0	17.05	16.98	16.86	18
5	256QAM	12	7	17.12	17.08	16.73	
5	256QAM	12	13	17.17	16.98	16.84	
5	256QAM	25	0	17.10	17.04	16.87	



TDD LTE Band 38 PC2\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	26.11	26.00	25.87	26.9
20	QPSK	1	49	26.01	25.89	25.75	
20	QPSK	1	99	26.10	26.00	25.77	
20	QPSK	50	0	24.23	24.08	23.87	24.9
20	QPSK	50	24	24.22	24.08	23.87	
20	QPSK	50	50	24.20	24.06	23.84	
20	QPSK	100	0	24.20	24.06	23.84	
20	16QAM	1	0	24.50	24.19	24.11	24.9
20	16QAM	1	49	24.12	24.01	23.80	
20	16QAM	1	99	24.19	24.09	23.88	
20	16QAM	50	0	23.20	23.06	22.84	23.9
20	16QAM	50	24	23.20	23.03	22.81	
20	16QAM	50	50	23.16	23.01	22.80	
20	16QAM	100	0	23.21	23.05	22.84	
20	64QAM	1	0	23.16	23.29	23.17	23.9
20	64QAM	1	49	23.05	23.11	22.92	
20	64QAM	1	99	23.14	23.16	22.94	
20	64QAM	50	0	22.19	22.02	21.90	22.9
20	64QAM	50	24	22.20	22.03	21.91	
20	64QAM	50	50	22.19	22.02	21.90	
20	64QAM	100	0	22.16	22.01	21.87	
20	256QAM	1	0	20.22	20.38	20.17	20.9
20	256QAM	1	49	20.08	20.16	19.99	
20	256QAM	1	99	20.23	20.20	19.96	
20	256QAM	50	0	19.24	19.12	18.90	19.9
20	256QAM	50	24	19.23	19.03	18.91	
20	256QAM	50	50	19.22	19.02	18.98	
20	256QAM	100	0	19.17	19.09	18.89	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	26.08	25.98	25.80	26.9
15	QPSK	1	37	25.91	25.85	25.65	
15	QPSK	1	74	26.09	25.95	25.72	
15	QPSK	36	0	24.21	24.08	23.81	24.9
15	QPSK	36	20	24.21	24.00	23.78	
15	QPSK	36	39	24.19	23.98	23.75	
15	QPSK	75	0	24.13	23.99	23.80	
15	16QAM	1	0	24.47	24.15	24.09	24.9
15	16QAM	1	37	24.04	23.91	23.70	
15	16QAM	1	74	24.16	24.09	23.85	
15	16QAM	36	0	23.16	22.99	22.83	23.9
15	16QAM	36	20	23.20	22.94	22.72	
15	16QAM	36	39	23.13	22.93	22.71	
15	16QAM	75	0	23.18	22.96	22.79	
15	64QAM	1	0	23.14	23.25	23.12	23.9
15	64QAM	1	37	23.01	23.06	22.86	
15	64QAM	1	74	23.09	23.06	22.93	
15	64QAM	36	0	22.12	22.02	21.84	22.9
15	64QAM	36	20	22.20	21.95	21.91	
15	64QAM	36	39	22.11	22.01	21.86	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	22.08	21.95	21.80	
15	256QAM	1	0	20.19	20.37	20.14	20.9
15	256QAM	1	37	20.01	20.14	19.90	
15	256QAM	1	74	20.15	20.11	19.86	
15	256QAM	36	0	19.15	19.04	18.81	19.9
15	256QAM	36	20	19.22	18.97	18.89	
15	256QAM	36	39	19.13	18.94	18.88	
15	256QAM	75	0	19.15	19.02	18.88	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	26.09	25.97	25.82	26.9
10	QPSK	1	25	25.92	25.81	25.74	
10	QPSK	1	49	26.09	25.95	25.69	
10	QPSK	25	0	24.19	24.03	23.85	24.9
10	QPSK	25	12	24.17	24.08	23.82	
10	QPSK	25	25	24.15	24.02	23.80	
10	QPSK	50	0	24.13	23.98	23.74	
10	16QAM	1	0	24.48	24.17	24.03	24.9
10	16QAM	1	25	24.02	23.99	23.72	
10	16QAM	1	49	24.12	24.01	23.80	
10	16QAM	25	0	23.14	22.96	22.75	23.9
10	16QAM	25	12	23.20	22.93	22.72	
10	16QAM	25	25	23.13	22.98	22.73	
10	16QAM	50	0	23.16	23.02	22.84	
10	64QAM	1	0	23.06	23.20	23.14	23.9
10	64QAM	1	25	22.99	23.10	22.92	
10	64QAM	1	49	23.05	23.15	22.91	
10	64QAM	25	0	22.09	22.02	21.88	22.9
10	64QAM	25	12	22.14	21.95	21.85	
10	64QAM	25	25	22.10	21.92	21.81	
10	64QAM	50	0	22.06	21.99	21.82	
10	256QAM	1	0	20.18	20.36	20.17	20.9
10	256QAM	1	25	19.99	20.14	19.97	
10	256QAM	1	49	20.13	20.16	19.87	
10	256QAM	25	0	19.15	19.03	18.85	19.9
10	256QAM	25	12	19.16	18.99	18.89	
10	256QAM	25	25	19.19	18.93	18.97	
10	256QAM	50	0	19.07	19.08	18.85	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	26.02	25.92	25.77	26.9
5	QPSK	1	12	25.92	25.89	25.72	
5	QPSK	1	24	26.00	25.91	25.77	
5	QPSK	12	0	24.15	24.03	23.81	24.9
5	QPSK	12	7	24.15	24.04	23.77	
5	QPSK	12	13	24.11	23.97	23.82	
5	QPSK	25	0	24.17	23.97	23.75	
5	16QAM	1	0	24.45	24.14	24.04	24.9
5	16QAM	1	12	24.09	23.93	23.70	
5	16QAM	1	24	24.18	24.00	23.80	
5	16QAM	12	0	23.14	23.01	22.81	23.9
5	16QAM	12	7	23.17	23.02	22.77	
5	16QAM	12	13	23.15	22.91	22.78	
5	16QAM	25	0	23.21	22.96	22.83	
5	64QAM	1	0	23.12	23.23	23.10	23.9
5	64QAM	1	12	23.05	23.08	22.82	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.12	23.09	22.94	
5	64QAM	12	0	22.13	21.92	21.83	22.9
5	64QAM	12	7	22.20	21.94	21.90	
5	64QAM	12	13	22.19	21.97	21.90	
5	64QAM	25	0	22.15	22.00	21.82	
5	256QAM	1	0	20.21	20.29	20.15	20.9
5	256QAM	1	12	20.05	20.09	19.97	
5	256QAM	1	24	20.23	20.16	19.94	
5	256QAM	12	0	19.18	19.11	18.84	19.9
5	256QAM	12	7	19.21	18.96	18.81	
5	256QAM	12	13	19.17	18.98	18.97	
5	256QAM	25	0	19.12	19.07	18.86	



TDD LTE Band 38 PC2\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	21.32	21.19	21.04	22.3
20	QPSK	1	49	21.17	21.05	20.92	
20	QPSK	1	99	21.24	21.13	21.00	
20	QPSK	50	0	21.43	21.29	21.12	22.3
20	QPSK	50	24	21.42	21.26	21.11	
20	QPSK	50	50	21.41	21.24	21.10	
20	QPSK	100	0	21.40	21.25	21.10	
20	16QAM	1	0	21.55	21.54	21.36	22.3
20	16QAM	1	49	21.37	21.39	21.26	
20	16QAM	1	99	21.43	21.48	21.17	
20	16QAM	50	0	21.44	21.26	21.11	22.3
20	16QAM	50	24	21.43	21.21	21.10	
20	16QAM	50	50	21.42	21.20	21.10	
20	16QAM	100	0	21.43	21.26	21.08	
20	64QAM	1	0	21.49	21.36	21.29	22.3
20	64QAM	1	49	21.34	21.33	21.20	
20	64QAM	1	99	21.48	21.40	21.27	
20	64QAM	50	0	21.42	21.28	21.11	22.3
20	64QAM	50	24	21.42	21.26	21.11	
20	64QAM	50	50	21.41	21.22	21.09	
20	64QAM	100	0	21.39	21.24	21.07	
20	256QAM	1	0	20.16	20.29	20.10	20.3
20	256QAM	1	49	20.07	20.09	19.98	
20	256QAM	1	99	20.17	20.11	19.93	
20	256QAM	50	0	19.16	19.10	18.86	19.3
20	256QAM	50	24	19.22	18.96	18.83	
20	256QAM	50	50	19.19	18.98	18.94	
20	256QAM	100	0	19.15	18.99	18.85	
Channel				37825	38000	38175	Tune-up limit (dBm)
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	21.30	21.11	20.97	22.3
15	QPSK	1	37	21.13	21.03	20.84	
15	QPSK	1	74	21.17	21.04	21.00	
15	QPSK	36	0	21.43	21.29	21.12	22.3
15	QPSK	36	20	21.38	21.26	21.05	
15	QPSK	36	39	21.35	21.17	21.01	
15	QPSK	75	0	21.37	21.15	21.04	
15	16QAM	1	0	21.49	21.53	21.31	22.3
15	16QAM	1	37	21.28	21.33	21.25	
15	16QAM	1	74	21.36	21.46	21.15	
15	16QAM	36	0	21.35	21.26	21.10	22.3
15	16QAM	36	20	21.39	21.18	21.01	
15	16QAM	36	39	21.36	21.19	21.06	
15	16QAM	75	0	21.36	21.24	21.05	
15	64QAM	1	0	21.39	21.28	21.27	22.3
15	64QAM	1	37	21.31	21.26	21.15	
15	64QAM	1	74	21.43	21.33	21.20	
15	64QAM	36	0	21.40	21.22	21.04	22.3
15	64QAM	36	20	21.32	21.22	21.07	
15	64QAM	36	39	21.31	21.14	21.07	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.36	21.20	21.02	
15	256QAM	1	0	20.09	20.20	20.08	20.3
15	256QAM	1	37	20.05	20.05	19.97	
15	256QAM	1	74	20.07	20.07	19.85	
15	256QAM	36	0	19.09	19.05	18.82	19.3
15	256QAM	36	20	19.12	18.90	18.76	
15	256QAM	36	39	19.09	18.88	18.87	
15	256QAM	75	0	19.11	18.99	18.75	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	21.32	21.10	20.97	22.3
10	QPSK	1	25	21.12	21.03	20.86	
10	QPSK	1	49	21.19	21.11	20.99	
10	QPSK	25	0	21.39	21.27	21.03	22.3
10	QPSK	25	12	21.36	21.26	21.04	
10	QPSK	25	25	21.33	21.21	21.00	
10	QPSK	50	0	21.31	21.16	21.00	
10	16QAM	1	0	21.53	21.49	21.36	22.3
10	16QAM	1	25	21.30	21.31	21.22	
10	16QAM	1	49	21.41	21.38	21.15	
10	16QAM	25	0	21.38	21.24	21.02	22.3
10	16QAM	25	12	21.38	21.14	21.10	
10	16QAM	25	25	21.34	21.20	21.02	
10	16QAM	50	0	21.43	21.18	21.04	
10	64QAM	1	0	21.46	21.29	21.25	22.3
10	64QAM	1	25	21.32	21.25	21.16	
10	64QAM	1	49	21.46	21.36	21.24	
10	64QAM	25	0	21.36	21.28	21.08	22.3
10	64QAM	25	12	21.42	21.21	21.07	
10	64QAM	25	25	21.33	21.20	21.09	
10	64QAM	50	0	21.39	21.21	21.05	
10	256QAM	1	0	20.16	20.24	20.05	20.3
10	256QAM	1	25	20.02	20.08	19.98	
10	256QAM	1	49	20.10	20.03	19.86	
10	256QAM	25	0	19.06	19.03	18.84	19.3
10	256QAM	25	12	19.18	18.94	18.77	
10	256QAM	25	25	19.15	18.94	18.92	
10	256QAM	50	0	19.07	18.90	18.83	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	21.31	21.12	21.02	22.3
5	QPSK	1	12	21.09	20.98	20.86	
5	QPSK	1	24	21.17	21.04	20.92	
5	QPSK	12	0	21.37	21.26	21.06	22.3
5	QPSK	12	7	21.35	21.26	21.11	
5	QPSK	12	13	21.41	21.23	21.01	
5	QPSK	25	0	21.34	21.22	21.06	
5	16QAM	1	0	21.51	21.46	21.32	22.3
5	16QAM	1	12	21.29	21.35	21.22	
5	16QAM	1	24	21.42	21.43	21.15	
5	16QAM	12	0	21.40	21.21	21.11	22.3
5	16QAM	12	7	21.36	21.18	21.03	
5	16QAM	12	13	21.39	21.13	21.06	
5	16QAM	25	0	21.38	21.25	21.08	
5	64QAM	1	0	21.39	21.30	21.29	22.3
5	64QAM	1	12	21.32	21.30	21.17	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

5	64QAM	1	24	21.38	21.40	21.26	
5	64QAM	12	0	21.36	21.24	21.01	22.3
5	64QAM	12	7	21.40	21.17	21.06	
5	64QAM	12	13	21.39	21.18	21.03	
5	64QAM	25	0	21.39	21.22	21.04	
5	256QAM	1	0	20.06	20.26	20.02	20.3
5	256QAM	1	12	20.03	20.03	19.90	
5	256QAM	1	24	20.12	20.11	19.83	
5	256QAM	12	0	19.06	19.03	18.80	19.3
5	256QAM	12	7	19.20	18.90	18.76	
5	256QAM	12	13	19.11	18.90	18.88	
5	256QAM	25	0	19.13	18.94	18.75	



TDD LTE Band 38 PC2\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	24.91	24.83	24.71	25.8
20	QPSK	1	49	24.85	24.68	24.57	
20	QPSK	1	99	24.90	24.78	24.69	
20	QPSK	50	0	24.07	23.93	23.79	24.3
20	QPSK	50	24	24.06	23.92	23.81	
20	QPSK	50	50	24.04	23.90	23.76	
20	QPSK	100	0	24.05	23.89	23.76	
20	16QAM	1	0	24.30	23.87	23.78	24.3
20	16QAM	1	49	23.99	23.67	23.57	
20	16QAM	1	99	24.08	23.74	23.82	
20	16QAM	50	0	23.05	22.87	22.78	23.3
20	16QAM	50	24	23.03	22.88	22.75	
20	16QAM	50	50	23.00	22.86	22.73	
20	16QAM	100	0	23.03	22.87	22.75	
20	64QAM	1	0	23.10	23.15	22.97	23.3
20	64QAM	1	49	22.80	22.97	22.85	
20	64QAM	1	99	22.89	23.02	22.92	
20	64QAM	50	0	22.01	21.88	21.77	22.3
20	64QAM	50	24	22.03	21.89	21.75	
20	64QAM	50	50	22.00	21.86	21.74	
20	64QAM	100	0	22.01	21.83	21.73	
20	256QAM	1	0	19.84	20.04	19.84	20.3
20	256QAM	1	49	19.70	19.86	19.61	
20	256QAM	1	99	19.85	19.85	19.57	
20	256QAM	50	0	18.88	18.78	18.52	19.3
20	256QAM	50	24	18.84	18.65	18.54	
20	256QAM	50	50	18.84	18.65	18.67	
20	256QAM	100	0	18.87	18.72	18.58	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	24.89	24.77	24.63	25.8
15	QPSK	1	37	24.78	24.60	24.53	
15	QPSK	1	74	24.84	24.75	24.59	
15	QPSK	36	0	24.02	23.93	23.78	24.3
15	QPSK	36	20	24.00	23.83	23.80	
15	QPSK	36	39	24.02	23.90	23.72	
15	QPSK	75	0	23.97	23.85	23.71	
15	16QAM	1	0	24.28	23.80	23.71	24.3
15	16QAM	1	37	23.92	23.61	23.54	
15	16QAM	1	74	23.99	23.64	23.77	
15	16QAM	36	0	23.05	22.79	22.78	23.3
15	16QAM	36	20	23.03	22.87	22.74	
15	16QAM	36	39	22.98	22.78	22.70	
15	16QAM	75	0	23.01	22.79	22.73	
15	64QAM	1	0	23.08	23.11	22.87	23.3
15	64QAM	1	37	22.71	22.96	22.84	
15	64QAM	1	74	22.81	22.99	22.85	
15	64QAM	36	0	21.98	21.82	21.71	22.3
15	64QAM	36	20	21.97	21.87	21.69	
15	64QAM	36	39	21.99	21.77	21.71	





**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.93	21.82	21.71	
15	256QAM	1	0	19.77	19.95	19.81	20.3
15	256QAM	1	37	19.69	19.82	19.57	
15	256QAM	1	74	19.83	19.78	19.48	
15	256QAM	36	0	18.88	18.69	18.49	19.3
15	256QAM	36	20	18.74	18.65	18.48	
15	256QAM	36	39	18.75	18.56	18.62	
15	256QAM	75	0	18.79	18.64	18.57	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	24.91	24.82	24.64	25.8
10	QPSK	1	25	24.77	24.67	24.54	
10	QPSK	1	49	24.88	24.78	24.61	
10	QPSK	25	0	23.97	23.92	23.70	24.3
10	QPSK	25	12	23.99	23.89	23.75	
10	QPSK	25	25	23.97	23.90	23.71	
10	QPSK	50	0	24.03	23.82	23.70	
10	16QAM	1	0	24.26	23.78	23.69	24.3
10	16QAM	1	25	23.95	23.58	23.49	
10	16QAM	1	49	24.01	23.67	23.74	
10	16QAM	25	0	22.96	22.80	22.72	23.3
10	16QAM	25	12	23.01	22.86	22.67	
10	16QAM	25	25	22.95	22.76	22.73	
10	16QAM	50	0	22.93	22.80	22.74	
10	64QAM	1	0	23.00	23.13	22.96	23.3
10	64QAM	1	25	22.78	22.91	22.85	
10	64QAM	1	49	22.89	22.93	22.88	
10	64QAM	25	0	21.92	21.82	21.70	22.3
10	64QAM	25	12	22.02	21.85	21.67	
10	64QAM	25	25	22.00	21.78	21.71	
10	64QAM	50	0	21.97	21.77	21.65	
10	256QAM	1	0	19.77	20.03	19.78	20.3
10	256QAM	1	25	19.66	19.77	19.57	
10	256QAM	1	49	19.80	19.81	19.47	
10	256QAM	25	0	18.85	18.71	18.42	19.3
10	256QAM	25	12	18.76	18.65	18.45	
10	256QAM	25	25	18.83	18.65	18.61	
10	256QAM	50	0	18.80	18.72	18.58	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	24.83	24.82	24.66	25.8
5	QPSK	1	12	24.85	24.64	24.47	
5	QPSK	1	24	24.87	24.76	24.68	
5	QPSK	12	0	23.98	23.83	23.74	24.3
5	QPSK	12	7	24.06	23.92	23.75	
5	QPSK	12	13	23.98	23.89	23.75	
5	QPSK	25	0	24.03	23.80	23.70	
5	16QAM	1	0	24.26	23.80	23.73	24.3
5	16QAM	1	12	23.94	23.67	23.56	
5	16QAM	1	24	24.05	23.71	23.77	
5	16QAM	12	0	22.97	22.84	22.75	23.3
5	16QAM	12	7	22.97	22.80	22.73	
5	16QAM	12	13	22.96	22.79	22.72	
5	16QAM	25	0	22.99	22.78	22.67	
5	64QAM	1	0	23.02	23.10	22.94	23.3
5	64QAM	1	12	22.73	22.93	22.84	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.87	22.97	22.87	
5	64QAM	12	0	21.95	21.81	21.70	22.3
5	64QAM	12	7	22.03	21.86	21.67	
5	64QAM	12	13	21.93	21.85	21.67	
5	64QAM	25	0	21.97	21.80	21.64	
5	256QAM	1	0	19.76	20.00	19.77	20.3
5	256QAM	1	12	19.70	19.85	19.61	
5	256QAM	1	24	19.81	19.82	19.56	
5	256QAM	12	0	18.83	18.76	18.42	19.3
5	256QAM	12	7	18.80	18.56	18.44	
5	256QAM	12	13	18.74	18.58	18.66	
5	256QAM	25	0	18.87	18.71	18.56	



TDD LTE Band 38 PC2\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				37850	38000	38150	
Frequency (MHz)				2580	2595	2610	
20	QPSK	1	0	23.87	23.78	23.57	24.6
20	QPSK	1	49	23.76	23.64	23.47	
20	QPSK	1	99	23.85	23.70	23.52	
20	QPSK	50	0	24.04	23.82	23.66	24.5
20	QPSK	50	24	24.03	23.85	23.63	
20	QPSK	50	50	24.02	23.82	23.58	
20	QPSK	100	0	24.02	23.80	23.55	
20	16QAM	1	0	24.33	24.12	23.77	24.5
20	16QAM	1	49	24.07	23.84	23.62	
20	16QAM	1	99	24.05	23.87	23.64	
20	16QAM	50	0	23.22	23.05	22.78	23.5
20	16QAM	50	24	23.20	23.03	22.77	
20	16QAM	50	50	23.20	23.02	22.75	
20	16QAM	100	0	23.22	23.04	22.77	
20	64QAM	1	0	23.42	22.98	22.73	23.5
20	64QAM	1	49	23.24	22.79	22.60	
20	64QAM	1	99	23.31	22.85	22.65	
20	64QAM	50	0	22.47	22.29	22.05	22.5
20	64QAM	50	24	22.44	22.32	22.04	
20	64QAM	50	50	22.44	22.29	22.03	
20	64QAM	100	0	22.42	22.27	21.99	
20	256QAM	1	0	19.64	19.78	19.59	20.5
20	256QAM	1	49	19.50	19.60	19.46	
20	256QAM	1	99	19.66	19.66	19.41	
20	256QAM	50	0	18.64	18.58	18.31	19.5
20	256QAM	50	24	18.69	18.48	18.31	
20	256QAM	50	50	18.63	18.52	18.39	
20	256QAM	100	0	18.62	18.50	18.31	
Channel				37825	38000	38175	
Frequency (MHz)				2577.5	2595	2612.5	
15	QPSK	1	0	23.84	23.68	23.53	24.6
15	QPSK	1	37	23.72	23.54	23.42	
15	QPSK	1	74	23.85	23.66	23.48	
15	QPSK	36	0	24.04	23.75	23.66	24.5
15	QPSK	36	20	24.02	23.82	23.56	
15	QPSK	36	39	24.02	23.74	23.54	
15	QPSK	75	0	24.02	23.73	23.52	
15	16QAM	1	0	24.24	24.03	23.70	24.5
15	16QAM	1	37	24.01	23.76	23.53	
15	16QAM	1	74	23.96	23.84	23.59	
15	16QAM	36	0	23.19	23.03	22.68	23.5
15	16QAM	36	20	23.14	22.99	22.67	
15	16QAM	36	39	23.18	22.98	22.70	
15	16QAM	75	0	23.17	22.99	22.77	
15	64QAM	1	0	23.32	22.93	22.63	23.5
15	64QAM	1	37	23.18	22.76	22.60	
15	64QAM	1	74	23.25	22.77	22.63	
15	64QAM	36	0	22.45	22.27	22.01	22.5
15	64QAM	36	20	22.41	22.32	22.00	
15	64QAM	36	39	22.40	22.26	21.96	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	22.42	22.22	21.96	
15	256QAM	1	0	19.55	19.78	19.58	20.5
15	256QAM	1	37	19.43	19.53	19.43	
15	256QAM	1	74	19.57	19.63	19.40	
15	256QAM	36	0	18.62	18.49	18.29	19.5
15	256QAM	36	20	18.64	18.46	18.22	
15	256QAM	36	39	18.58	18.46	18.38	
15	256QAM	75	0	18.56	18.43	18.28	
Channel				37800	38000	38200	Tune-up limit (dBm)
Frequency (MHz)				2575	2595	2615	
10	QPSK	1	0	23.81	23.70	23.55	24.6
10	QPSK	1	25	23.75	23.55	23.47	
10	QPSK	1	49	23.83	23.63	23.48	
10	QPSK	25	0	23.99	23.80	23.64	24.5
10	QPSK	25	12	24.01	23.76	23.61	
10	QPSK	25	25	24.01	23.78	23.53	
10	QPSK	50	0	23.92	23.77	23.47	
10	16QAM	1	0	24.28	24.10	23.71	24.5
10	16QAM	1	25	24.05	23.82	23.62	
10	16QAM	1	49	23.98	23.81	23.58	
10	16QAM	25	0	23.14	22.99	22.78	23.5
10	16QAM	25	12	23.14	22.98	22.74	
10	16QAM	25	25	23.16	22.94	22.66	
10	16QAM	50	0	23.14	22.99	22.75	
10	64QAM	1	0	23.39	22.96	22.69	23.5
10	64QAM	1	25	23.16	22.74	22.50	
10	64QAM	1	49	23.22	22.80	22.63	
10	64QAM	25	0	22.37	22.23	21.98	22.5
10	64QAM	25	12	22.43	22.25	22.02	
10	64QAM	25	25	22.40	22.23	21.96	
10	64QAM	50	0	22.38	22.17	21.95	
10	256QAM	1	0	19.59	19.74	19.50	20.5
10	256QAM	1	25	19.43	19.59	19.46	
10	256QAM	1	49	19.66	19.58	19.40	
10	256QAM	25	0	18.57	18.49	18.30	19.5
10	256QAM	25	12	18.64	18.45	18.21	
10	256QAM	25	25	18.62	18.49	18.31	
10	256QAM	50	0	18.57	18.41	18.21	
Channel				37775	38000	38225	Tune-up limit (dBm)
Frequency (MHz)				2572.5	2595	2617.5	
5	QPSK	1	0	23.83	23.74	23.53	24.6
5	QPSK	1	12	23.72	23.57	23.38	
5	QPSK	1	24	23.80	23.66	23.44	
5	QPSK	12	0	24.04	23.82	23.56	24.5
5	QPSK	12	7	23.94	23.77	23.62	
5	QPSK	12	13	23.96	23.74	23.56	
5	QPSK	25	0	24.02	23.74	23.51	
5	16QAM	1	0	24.28	24.11	23.72	24.5
5	16QAM	1	12	23.98	23.83	23.61	
5	16QAM	1	24	24.04	23.82	23.58	
5	16QAM	12	0	23.13	22.98	22.78	23.5
5	16QAM	12	7	23.15	23.02	22.71	
5	16QAM	12	13	23.12	23.00	22.68	
5	16QAM	25	0	23.12	22.99	22.75	
5	64QAM	1	0	23.32	22.92	22.63	23.5
5	64QAM	1	12	23.19	22.76	22.58	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.24	22.81	22.56	
5	64QAM	12	0	22.39	22.19	22.05	22.5
5	64QAM	12	7	22.40	22.29	21.98	
5	64QAM	12	13	22.39	22.28	22.00	
5	64QAM	25	0	22.33	22.21	21.94	
5	256QAM	1	0	19.59	19.74	19.59	20.5
5	256QAM	1	12	19.44	19.50	19.44	
5	256QAM	1	24	19.57	19.59	19.33	
5	256QAM	12	0	18.62	18.58	18.25	19.5
5	256QAM	12	7	18.61	18.42	18.23	
5	256QAM	12	13	18.59	18.52	18.35	
5	256QAM	25	0	18.53	18.46	18.23	



TDD LTE Band 41 PC3\_(Index 1/2/3/4/5/6)

Ant 2									
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	24.29	24.80	24.59	24.54	24.58	25.4
20	QPSK	1	49	24.03	24.63	24.37	24.25	24.36	
20	QPSK	1	99	24.05	24.69	24.39	24.27	24.36	
20	QPSK	50	0	22.15	22.69	22.48	22.31	22.38	23.4
20	QPSK	50	24	22.17	22.79	22.54	22.40	22.40	
20	QPSK	50	50	22.26	22.86	22.61	22.42	22.43	
20	QPSK	100	0	22.26	22.84	22.60	22.44	22.49	
20	16QAM	1	0	22.19	22.87	22.51	22.60	22.55	23.4
20	16QAM	1	49	22.06	22.78	22.43	22.41	22.46	
20	16QAM	1	99	22.19	22.91	22.61	22.51	22.55	
20	16QAM	50	0	21.24	21.86	21.64	21.56	21.48	22.4
20	16QAM	50	24	21.24	21.89	21.63	21.57	21.48	
20	16QAM	50	50	21.32	21.90	21.65	21.58	21.48	
20	16QAM	100	0	21.33	21.90	21.66	21.61	21.49	
20	64QAM	1	0	21.16	21.69	21.29	21.48	21.27	22.4
20	64QAM	1	49	21.00	21.63	21.20	21.35	21.17	
20	64QAM	1	99	21.08	21.79	21.30	21.41	21.23	
20	64QAM	50	0	20.28	20.94	20.65	20.56	20.49	21.4
20	64QAM	50	24	20.29	20.93	20.69	20.57	20.54	
20	64QAM	50	50	20.31	20.96	20.72	20.56	20.53	
20	64QAM	100	0	20.30	20.95	20.71	20.62	20.55	
20	256QAM	1	0	18.63	18.61	18.65	18.69	18.53	19.4
20	256QAM	1	49	18.61	18.64	18.71	18.60	18.56	
20	256QAM	1	99	18.31	18.37	18.62	18.60	18.35	
20	256QAM	50	0	17.67	17.66	17.69	17.78	17.52	18.4
20	256QAM	50	24	17.61	17.69	17.62	17.62	17.45	
20	256QAM	50	50	17.66	17.69	17.69	17.60	17.52	
20	256QAM	100	0	17.62	17.61	17.66	17.61	17.47	
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	24.23	24.78	24.57	24.45	24.51	25
15	QPSK	1	37	23.95	24.53	24.31	24.23	24.33	
15	QPSK	1	74	23.99	24.63	24.37	24.26	24.32	
15	QPSK	36	0	22.15	22.64	22.42	22.25	22.37	23
15	QPSK	36	20	22.10	22.74	22.50	22.38	22.40	
15	QPSK	36	39	22.18	22.79	22.54	22.36	22.37	
15	QPSK	75	0	22.17	22.74	22.55	22.44	22.41	23
15	16QAM	1	0	22.19	22.82	22.47	22.60	22.48	
15	16QAM	1	37	22.03	22.69	22.42	22.34	22.43	
15	16QAM	1	74	22.18	22.85	22.61	22.50	22.47	
15	16QAM	36	0	21.23	21.80	21.54	21.54	21.44	22
15	16QAM	36	20	21.19	21.84	21.61	21.48	21.41	
15	16QAM	36	39	21.23	21.82	21.55	21.50	21.47	
15	16QAM	75	0	21.24	21.88	21.56	21.55	21.48	22
15	64QAM	1	0	21.07	21.63	21.22	21.38	21.23	
15	64QAM	1	37	20.92	21.61	21.10	21.32	21.10	
15	64QAM	1	74	21.05	21.72	21.27	21.35	21.23	
15	64QAM	36	0	20.27	20.92	20.59	20.47	20.45	21
15	64QAM	36	20	20.20	20.88	20.64	20.55	20.44	
15	64QAM	36	39	20.27	20.89	20.66	20.53	20.48	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	20.25	20.91	20.61	20.53	20.54	
15	256QAM	1	0	18.55	18.60	18.64	18.69	18.47	19
15	256QAM	1	37	18.57	18.64	18.66	18.52	18.56	
15	256QAM	1	74	18.29	18.36	18.54	18.57	18.33	
15	256QAM	36	0	17.66	17.56	17.61	17.72	17.42	18
15	256QAM	36	20	17.55	17.61	17.62	17.57	17.42	
15	256QAM	36	39	17.58	17.61	17.63	17.57	17.47	
15	256QAM	75	0	17.52	17.57	17.57	17.52	17.43	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.27	24.72	24.58	24.49	24.52	25
10	QPSK	1	25	23.94	24.59	24.35	24.16	24.31	
10	QPSK	1	49	24.05	24.68	24.35	24.24	24.33	
10	QPSK	25	0	22.05	22.68	22.38	22.30	22.33	23.4
10	QPSK	25	12	22.11	22.74	22.47	22.33	22.39	
10	QPSK	25	25	22.21	22.82	22.53	22.42	22.35	
10	QPSK	50	0	22.26	22.82	22.59	22.43	22.40	
10	16QAM	1	0	22.18	22.85	22.45	22.58	22.54	23.4
10	16QAM	1	25	21.98	22.73	22.37	22.38	22.45	
10	16QAM	1	49	22.13	22.85	22.57	22.41	22.46	
10	16QAM	25	0	21.17	21.82	21.59	21.48	21.44	22.4
10	16QAM	25	12	21.18	21.84	21.63	21.47	21.48	
10	16QAM	25	25	21.27	21.81	21.63	21.49	21.42	
10	16QAM	50	0	21.30	21.86	21.66	21.56	21.45	
10	64QAM	1	0	21.10	21.61	21.29	21.44	21.17	22.4
10	64QAM	1	25	20.94	21.53	21.17	21.27	21.09	
10	64QAM	1	49	21.03	21.70	21.29	21.33	21.21	
10	64QAM	25	0	20.25	20.85	20.61	20.55	20.48	21.4
10	64QAM	25	12	20.23	20.87	20.62	20.50	20.47	
10	64QAM	25	25	20.28	20.91	20.66	20.48	20.51	
10	64QAM	50	0	20.30	20.89	20.63	20.56	20.45	
10	256QAM	1	0	18.57	18.60	18.63	18.65	18.49	19.4
10	256QAM	1	25	18.53	18.54	18.65	18.59	18.54	
10	256QAM	1	49	18.31	18.35	18.57	18.60	18.27	
10	256QAM	25	0	17.65	17.64	17.66	17.69	17.51	18.4
10	256QAM	25	12	17.53	17.61	17.52	17.58	17.35	
10	256QAM	25	25	17.61	17.64	17.62	17.54	17.51	
10	256QAM	50	0	17.52	17.56	17.57	17.57	17.41	
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	24.20	24.79	24.57	24.53	24.57	25
5	QPSK	1	12	23.95	24.61	24.28	24.21	24.27	
5	QPSK	1	24	24.00	24.62	24.37	24.21	24.30	
5	QPSK	12	0	22.08	22.66	22.41	22.26	22.33	23.4
5	QPSK	12	7	22.12	22.69	22.52	22.39	22.30	
5	QPSK	12	13	22.24	22.84	22.60	22.38	22.37	
5	QPSK	25	0	22.23	22.75	22.59	22.34	22.40	
5	16QAM	1	0	22.09	22.81	22.45	22.54	22.51	23.4
5	16QAM	1	12	22.02	22.71	22.42	22.39	22.39	
5	16QAM	1	24	22.19	22.87	22.61	22.41	22.48	
5	16QAM	12	0	21.15	21.81	21.56	21.48	21.38	22.4
5	16QAM	12	7	21.19	21.84	21.59	21.47	21.43	
5	16QAM	12	13	21.25	21.83	21.64	21.49	21.46	
5	16QAM	25	0	21.32	21.84	21.59	21.53	21.43	
5	64QAM	1	0	21.13	21.60	21.27	21.42	21.18	22.4
5	64QAM	1	12	20.97	21.61	21.20	21.25	21.09	



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5	64QAM	1	24	21.07	21.71	21.24	21.33	21.22	
5	64QAM	12	0	20.19	20.85	20.61	20.47	20.42	21.4
5	64QAM	12	7	20.26	20.89	20.64	20.51	20.44	
5	64QAM	12	13	20.21	20.87	20.68	20.49	20.45	
5	64QAM	25	0	20.30	20.87	20.66	20.60	20.49	
5	256QAM	1	0	18.59	18.60	18.59	18.60	18.45	19.4
5	256QAM	1	12	18.52	18.60	18.62	18.58	18.50	
5	256QAM	1	24	18.30	18.28	18.53	18.53	18.29	
5	256QAM	12	0	17.57	17.64	17.64	17.74	17.46	18.4
5	256QAM	12	7	17.51	17.59	17.55	17.60	17.40	
5	256QAM	12	13	17.58	17.64	17.61	17.55	17.42	
5	256QAM	25	0	17.55	17.54	17.56	17.51	17.37	





TDD LTE Band 41 PC2\_(Index 1/2/3/4/5/6)

Ant 2									
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	25.84	26.38	26.13	25.99	26.08	26.9
20	QPSK	1	49	25.67	26.26	25.93	25.84	25.92	
20	QPSK	1	99	25.81	26.37	26.03	25.87	25.99	
20	QPSK	50	0	23.90	24.47	24.19	23.98	24.15	24.9
20	QPSK	50	24	23.88	24.42	24.17	23.95	24.12	
20	QPSK	50	50	23.89	24.46	24.18	23.96	24.13	
20	QPSK	100	0	23.85	24.48	24.13	23.93	24.09	24.9
20	16QAM	1	0	24.26	24.79	24.41	24.12	24.45	
20	16QAM	1	49	23.96	24.58	24.19	24.00	24.14	
20	16QAM	1	99	24.12	24.69	24.28	24.12	24.23	23.9
20	16QAM	50	0	22.84	23.48	23.10	22.94	23.09	
20	16QAM	50	24	22.84	23.51	23.14	22.98	23.10	
20	16QAM	50	50	22.85	23.51	23.12	23.04	23.09	23.9
20	16QAM	100	0	22.84	23.49	23.20	23.02	23.07	
20	64QAM	1	0	23.01	23.74	23.25	23.03	23.05	
20	64QAM	1	49	23.04	23.39	23.22	22.88	22.94	23.9
20	64QAM	1	99	23.18	23.46	23.17	22.96	23.05	
20	64QAM	50	0	21.89	22.50	22.18	22.00	22.14	
20	64QAM	50	24	21.91	22.55	22.18	22.09	22.18	22.9
20	64QAM	50	50	21.96	22.55	22.17	22.08	22.20	
20	64QAM	100	0	21.98	22.53	22.16	22.06	22.20	
20	256QAM	1	0	20.34	20.44	20.43	20.33	20.33	20.9
20	256QAM	1	49	20.10	20.08	20.05	20.03	20.04	
20	256QAM	1	99	20.24	20.20	20.29	20.17	20.19	
20	256QAM	50	0	19.69	19.71	19.78	19.76	19.64	19.9
20	256QAM	50	24	19.63	19.74	19.66	19.57	19.59	
20	256QAM	50	50	19.67	19.55	19.63	19.50	19.59	
20	256QAM	100	0	19.49	19.59	19.63	19.56	19.51	
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	25.79	26.32	26.06	25.97	26.08	26.9
15	QPSK	1	37	25.57	26.24	25.93	25.75	25.87	
15	QPSK	1	74	25.81	26.27	25.97	25.83	25.97	
15	QPSK	36	0	23.80	24.46	24.13	23.92	24.14	24.9
15	QPSK	36	20	23.80	24.35	24.14	23.91	24.06	
15	QPSK	36	39	23.89	24.39	24.18	23.91	24.05	
15	QPSK	75	0	23.79	24.38	24.04	23.89	24.04	24.9
15	16QAM	1	0	24.20	24.73	24.37	24.07	24.41	
15	16QAM	1	37	23.94	24.55	24.15	23.91	24.07	
15	16QAM	1	74	24.12	24.62	24.25	24.07	24.16	23.9
15	16QAM	36	0	22.82	23.47	23.08	22.87	23.01	
15	16QAM	36	20	22.76	23.45	23.11	22.96	23.10	
15	16QAM	36	39	22.83	23.41	23.03	23.04	23.05	23.9
15	16QAM	75	0	22.76	23.44	23.19	23.01	23.07	
15	64QAM	1	0	22.97	23.72	23.20	23.01	22.99	
15	64QAM	1	37	22.96	23.32	23.18	22.81	22.88	23.9
15	64QAM	1	74	23.16	23.45	23.17	22.94	23.05	
15	64QAM	36	0	21.79	22.43	22.13	21.90	22.07	
15	64QAM	36	20	21.90	22.51	22.14	22.04	22.09	22.9
15	64QAM	36	39	21.87	22.49	22.07	22.07	22.14	



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15	64QAM	75	0	21.97	22.45	22.12	21.97	22.17	
15	256QAM	1	0	20.28	20.39	20.37	20.33	20.26	20.9
15	256QAM	1	37	20.06	19.98	20.03	19.93	20.04	
15	256QAM	1	74	20.19	20.11	20.27	20.17	20.15	
15	256QAM	36	0	19.67	19.71	19.74	19.66	19.62	19.9
15	256QAM	36	20	19.54	19.68	19.60	19.56	19.51	
15	256QAM	36	39	19.64	19.52	19.63	19.41	19.56	
15	256QAM	75	0	19.47	19.55	19.61	19.51	19.45	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.74	26.34	26.04	25.95	26.04	26.9
10	QPSK	1	25	25.60	26.18	25.87	25.82	25.84	
10	QPSK	1	49	25.78	26.35	26.02	25.82	25.99	
10	QPSK	25	0	23.87	24.45	24.18	23.93	24.15	24.9
10	QPSK	25	12	23.83	24.33	24.13	23.88	24.02	
10	QPSK	25	25	23.88	24.36	24.15	23.90	24.03	
10	QPSK	50	0	23.76	24.45	24.08	23.92	24.06	
10	16QAM	1	0	24.16	24.75	24.40	24.10	24.37	24.9
10	16QAM	1	25	23.94	24.55	24.15	23.99	24.08	
10	16QAM	1	49	24.10	24.59	24.26	24.11	24.14	
10	16QAM	25	0	22.77	23.46	23.04	22.88	23.07	23.9
10	16QAM	25	12	22.80	23.48	23.05	22.89	23.05	
10	16QAM	25	25	22.81	23.42	23.03	22.94	23.02	
10	16QAM	50	0	22.78	23.46	23.15	23.00	22.98	
10	64QAM	1	0	22.91	23.73	23.25	23.00	23.03	23.9
10	64QAM	1	25	22.98	23.38	23.18	22.82	22.91	
10	64QAM	1	49	23.11	23.39	23.15	22.95	23.04	
10	64QAM	25	0	21.86	22.43	22.17	21.92	22.06	22.9
10	64QAM	25	12	21.89	22.52	22.17	22.04	22.18	
10	64QAM	25	25	21.93	22.46	22.13	22.04	22.14	
10	64QAM	50	0	21.91	22.46	22.11	21.96	22.20	
10	256QAM	1	0	20.28	20.36	20.35	20.29	20.29	20.9
10	256QAM	1	25	20.09	20.04	19.96	19.97	19.97	
10	256QAM	1	49	20.15	20.19	20.23	20.09	20.15	
10	256QAM	25	0	19.62	19.69	19.68	19.74	19.63	19.9
10	256QAM	25	12	19.56	19.66	19.64	19.48	19.49	
10	256QAM	25	25	19.62	19.51	19.55	19.41	19.49	
10	256QAM	50	0	19.46	19.57	19.62	19.49	19.46	
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	25.83	26.31	26.07	25.94	26.06	26.9
5	QPSK	1	12	25.62	26.17	25.90	25.78	25.83	
5	QPSK	1	24	25.81	26.31	26.03	25.87	25.92	
5	QPSK	12	0	23.83	24.37	24.14	23.93	24.10	24.9
5	QPSK	12	7	23.81	24.36	24.07	23.90	24.09	
5	QPSK	12	13	23.87	24.40	24.08	23.90	24.10	
5	QPSK	25	0	23.80	24.45	24.09	23.87	24.00	
5	16QAM	1	0	24.20	24.69	24.34	24.11	24.43	24.9
5	16QAM	1	12	23.91	24.49	24.16	23.99	24.07	
5	16QAM	1	24	24.06	24.63	24.21	24.03	24.20	
5	16QAM	12	0	22.82	23.44	23.06	22.93	23.06	23.9
5	16QAM	12	7	22.84	23.49	23.13	22.91	23.07	
5	16QAM	12	13	22.80	23.47	23.10	23.01	23.06	
5	16QAM	25	0	22.82	23.44	23.18	23.02	23.00	
5	64QAM	1	0	22.95	23.74	23.20	22.99	23.02	23.9
5	64QAM	1	12	22.95	23.38	23.12	22.88	22.87	



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5	64QAM	1	24	23.16	23.39	23.10	22.96	22.97	
5	64QAM	12	0	21.87	22.41	22.18	21.93	22.14	22.9
5	64QAM	12	7	21.89	22.50	22.09	22.03	22.11	
5	64QAM	12	13	21.91	22.47	22.13	22.02	22.15	
5	64QAM	25	0	21.93	22.45	22.09	22.04	22.20	
5	256QAM	1	0	20.25	20.42	20.41	20.30	20.27	20.9
5	256QAM	1	12	20.01	20.08	20.00	20.01	20.01	
5	256QAM	1	24	20.17	20.20	20.28	20.10	20.19	
5	256QAM	12	0	19.65	19.62	19.70	19.72	19.63	19.9
5	256QAM	12	7	19.57	19.71	19.61	19.48	19.57	
5	256QAM	12	13	19.60	19.50	19.54	19.50	19.54	
5	256QAM	25	0	19.49	19.52	19.58	19.52	19.46	



TDD LTE Band 41 PC3\_(Index 1/2/3)

Ant 0									
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	24.18	24.78	24.49	24.21	24.43	25.4
20	QPSK	1	49	23.89	24.58	24.27	23.87	24.25	
20	QPSK	1	99	23.96	24.64	24.27	23.84	24.32	
20	QPSK	50	0	22.17	22.77	22.51	21.96	22.39	23.4
20	QPSK	50	24	22.07	22.66	22.45	21.92	22.38	
20	QPSK	50	50	22.16	22.76	22.50	21.95	22.38	
20	QPSK	100	0	22.18	22.75	22.51	22.05	22.37	
20	16QAM	1	0	22.27	22.83	22.53	22.08	22.45	23.4
20	16QAM	1	49	22.12	22.76	22.38	21.91	22.36	
20	16QAM	1	99	22.22	22.87	22.56	22.01	22.51	
20	16QAM	50	0	21.14	21.77	21.53	21.01	21.42	22.4
20	16QAM	50	24	21.15	21.86	21.55	21.06	21.42	
20	16QAM	50	50	21.22	21.91	21.52	21.08	21.45	
20	16QAM	100	0	21.23	21.90	21.54	21.11	21.45	
20	64QAM	1	0	21.02	21.75	21.39	20.99	21.30	22.4
20	64QAM	1	49	20.86	21.68	21.30	20.90	21.23	
20	64QAM	1	99	21.00	21.79	21.35	20.96	21.43	
20	64QAM	50	0	20.21	20.84	20.55	20.09	20.48	21.4
20	64QAM	50	24	20.19	20.85	20.58	20.09	20.48	
20	64QAM	50	50	20.21	20.86	20.60	20.13	20.51	
20	64QAM	100	0	20.20	20.91	20.58	20.17	20.51	
20	256QAM	1	0	18.06	18.82	18.45	18.02	18.34	19.4
20	256QAM	1	49	17.96	18.77	18.39	17.97	18.23	
20	256QAM	1	99	18.02	18.79	18.44	18.02	18.46	
20	256QAM	50	0	17.31	17.84	17.62	17.17	17.50	18.4
20	256QAM	50	24	17.19	17.93	17.61	17.11	17.56	
20	256QAM	50	50	17.29	17.94	17.67	17.19	17.57	
20	256QAM	100	0	17.20	18.00	17.62	17.21	17.56	
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	24.17	24.74	24.49	24.11	24.42	25
15	QPSK	1	37	23.88	24.56	24.23	23.82	24.19	
15	QPSK	1	74	23.91	24.60	24.18	23.84	24.29	
15	QPSK	36	0	22.05	22.50	22.33	21.87	22.27	23.4
15	QPSK	36	20	22.05	22.63	22.41	21.85	22.33	
15	QPSK	36	39	22.09	22.71	22.49	21.87	22.34	
15	QPSK	75	0	22.15	22.75	22.47	22.01	22.27	23.4
15	16QAM	1	0	22.18	22.81	22.52	21.98	22.45	
15	16QAM	1	37	22.06	22.72	22.34	21.83	22.33	
15	16QAM	1	74	22.19	22.78	22.50	21.94	22.49	
15	16QAM	36	0	21.08	21.68	21.51	20.92	21.38	22.4
15	16QAM	36	20	21.10	21.84	21.45	20.98	21.32	
15	16QAM	36	39	21.14	21.84	21.48	21.00	21.40	
15	16QAM	75	0	21.17	21.86	21.46	21.05	21.37	22.4
15	64QAM	1	0	21.01	21.75	21.32	20.96	21.23	
15	64QAM	1	37	20.85	21.64	21.25	20.83	21.22	
15	64QAM	1	74	20.90	21.76	21.33	20.93	21.35	
15	64QAM	36	0	20.17	20.76	20.53	20.05	20.47	21.4
15	64QAM	36	20	20.09	20.82	20.50	20.01	20.41	
15	64QAM	36	39	20.12	20.83	20.58	20.11	20.50	



**FCC SAR TEST REPORT**

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15	64QAM	75	0	20.13	20.81	20.53	20.08	20.42	
15	256QAM	1	0	17.96	18.75	18.44	17.95	18.28	19.4
15	256QAM	1	37	17.93	18.68	18.29	17.95	18.16	
15	256QAM	1	74	17.99	18.74	18.39	18.02	18.36	
15	256QAM	36	0	17.31	17.76	17.61	17.16	17.45	18.4
15	256QAM	36	20	17.14	17.92	17.51	17.08	17.51	
15	256QAM	36	39	17.24	17.92	17.57	17.14	17.54	
15	256QAM	75	0	17.14	17.92	17.56	17.18	17.49	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.18	24.68	24.44	24.13	24.43	25
10	QPSK	1	25	23.89	24.51	24.20	23.86	24.16	
10	QPSK	1	49	23.88	24.54	24.18	23.74	24.26	
10	QPSK	25	0	22.02	22.55	22.29	21.80	22.28	23.4
10	QPSK	25	12	22.00	22.57	22.39	21.83	22.33	
10	QPSK	25	25	22.13	22.71	22.41	21.88	22.36	
10	QPSK	50	0	22.16	22.66	22.47	21.98	22.31	
10	16QAM	1	0	22.25	22.77	22.50	21.99	22.39	23.4
10	16QAM	1	25	22.04	22.74	22.32	21.85	22.27	
10	16QAM	1	49	22.14	22.82	22.52	21.94	22.48	
10	16QAM	25	0	21.14	21.77	21.47	21.01	21.42	22.4
10	16QAM	25	12	21.07	21.79	21.45	20.98	21.32	
10	16QAM	25	25	21.18	21.91	21.45	21.04	21.43	
10	16QAM	50	0	21.23	21.85	21.52	21.10	21.38	
10	64QAM	1	0	21.00	21.67	21.32	20.99	21.20	22.4
10	64QAM	1	25	20.85	21.68	21.26	20.87	21.15	
10	64QAM	1	49	20.93	21.76	21.29	20.86	21.40	
10	64QAM	25	0	20.17	20.74	20.51	20.00	20.41	21.4
10	64QAM	25	12	20.17	20.84	20.54	20.03	20.40	
10	64QAM	25	25	20.21	20.84	20.59	20.11	20.43	
10	64QAM	50	0	20.19	20.85	20.52	20.10	20.50	
10	256QAM	1	0	18.03	18.72	18.37	18.01	18.34	19.4
10	256QAM	1	25	17.94	18.74	18.34	17.93	18.18	
10	256QAM	1	49	18.02	18.75	18.39	17.99	18.42	
10	256QAM	25	0	17.21	17.84	17.60	17.15	17.48	18.4
10	256QAM	25	12	17.15	17.87	17.52	17.02	17.53	
10	256QAM	25	25	17.20	17.90	17.57	17.13	17.51	
10	256QAM	50	0	17.18	17.99	17.61	17.19	17.46	
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	24.13	24.70	24.45	24.19	24.35	25
5	QPSK	1	12	23.87	24.48	24.18	23.79	24.15	
5	QPSK	1	24	23.87	24.54	24.21	23.76	24.31	
5	QPSK	12	0	21.95	22.53	22.35	21.80	22.22	23.4
5	QPSK	12	7	22.06	22.59	22.43	21.85	22.36	
5	QPSK	12	13	22.09	22.68	22.49	21.88	22.37	
5	QPSK	25	0	22.17	22.66	22.42	22.02	22.35	
5	16QAM	1	0	22.18	22.79	22.52	22.06	22.43	23.4
5	16QAM	1	12	22.10	22.74	22.36	21.89	22.33	
5	16QAM	1	24	22.18	22.80	22.52	21.95	22.46	
5	16QAM	12	0	21.06	21.71	21.43	20.91	21.38	22.4
5	16QAM	12	7	21.13	21.84	21.55	20.97	21.35	
5	16QAM	12	13	21.15	21.89	21.50	21.05	21.36	
5	16QAM	25	0	21.13	21.81	21.54	21.06	21.39	
5	64QAM	1	0	21.00	21.68	21.37	20.99	21.20	22.4
5	64QAM	1	12	20.83	21.66	21.29	20.86	21.17	



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5	64QAM	1	24	20.94	21.72	21.31	20.93	21.35	
5	64QAM	12	0	20.11	20.76	20.52	20.09	20.44	21.4
5	64QAM	12	7	20.09	20.77	20.53	20.09	20.41	
5	64QAM	12	13	20.19	20.86	20.53	20.06	20.43	
5	64QAM	25	0	20.20	20.83	20.49	20.12	20.46	
5	256QAM	1	0	17.99	18.81	18.45	18.01	18.26	19.4
5	256QAM	1	12	17.89	18.70	18.39	17.97	18.21	
5	256QAM	1	24	18.02	18.75	18.43	17.92	18.46	
5	256QAM	12	0	17.26	17.77	17.56	17.10	17.44	18.4
5	256QAM	12	7	17.18	17.91	17.58	17.01	17.49	
5	256QAM	12	13	17.25	17.89	17.66	17.15	17.54	
5	256QAM	25	0	17.16	17.91	17.53	17.11	17.47	



TDD LTE Band 41 PC3\_(Index 4)

Ant 0									
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	19.92	20.58	20.10	19.83	20.27	20.7
20	QPSK	1	49	19.78	20.44	20.01	19.74	20.09	
20	QPSK	1	99	19.91	20.57	20.09	19.82	20.25	
20	QPSK	50	0	19.93	20.55	20.13	19.81	20.19	20.7
20	QPSK	50	24	19.91	20.54	20.12	19.80	20.18	
20	QPSK	50	50	19.92	20.52	20.11	19.79	20.18	
20	QPSK	100	0	19.92	20.55	20.13	19.80	20.19	
20	16QAM	1	0	19.94	20.48	20.10	19.92	20.15	20.7
20	16QAM	1	49	19.76	20.40	19.99	19.74	20.05	
20	16QAM	1	99	19.90	20.52	20.09	19.76	20.25	
20	16QAM	50	0	19.91	20.48	20.09	19.73	20.17	20.7
20	16QAM	50	24	19.91	20.50	20.08	19.71	20.16	
20	16QAM	50	50	19.92	20.54	20.09	19.72	20.18	
20	16QAM	100	0	19.93	20.55	20.13	19.76	20.20	
20	64QAM	1	0	19.72	20.27	19.89	19.58	19.91	20.7
20	64QAM	1	49	19.53	20.20	19.78	19.45	19.85	
20	64QAM	1	99	19.75	20.38	19.88	19.50	20.03	
20	64QAM	50	0	19.92	20.52	20.10	19.73	20.17	20.7
20	64QAM	50	24	19.85	20.52	20.08	19.71	20.18	
20	64QAM	50	50	19.91	20.54	20.09	19.72	20.20	
20	64QAM	100	0	19.92	20.53	20.10	19.74	20.19	
20	256QAM	1	0	17.97	18.78	18.39	17.99	18.24	19.2
20	256QAM	1	49	17.94	18.76	18.29	17.97	18.13	
20	256QAM	1	99	17.98	18.69	18.41	17.94	18.46	
20	256QAM	50	0	17.23	17.77	17.58	17.12	17.45	18.2
20	256QAM	50	24	17.19	17.83	17.56	17.03	17.54	
20	256QAM	50	50	17.26	17.90	17.60	17.19	17.52	
20	256QAM	100	0	17.10	17.98	17.57	17.14	17.55	
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	19.87	20.49	20.04	19.83	20.27	21
15	QPSK	1	37	19.68	20.40	20.01	19.72	19.99	
15	QPSK	1	74	19.84	20.55	20.03	19.81	20.25	
15	QPSK	36	0	19.85	20.49	20.07	19.72	20.11	20.7
15	QPSK	36	20	19.86	20.44	20.04	19.78	20.17	
15	QPSK	36	39	19.92	20.43	20.11	19.71	20.18	
15	QPSK	75	0	19.82	20.48	20.05	19.78	20.11	20.7
15	16QAM	1	0	19.91	20.47	20.08	19.83	20.12	
15	16QAM	1	37	19.69	20.30	19.89	19.70	20.03	
15	16QAM	1	74	19.90	20.45	20.04	19.70	20.25	
15	16QAM	36	0	19.83	20.43	20.03	19.70	20.14	20.7
15	16QAM	36	20	19.85	20.46	20.07	19.62	20.12	
15	16QAM	36	39	19.90	20.45	20.02	19.71	20.13	
15	16QAM	75	0	19.88	20.50	20.13	19.72	20.12	20.7
15	64QAM	1	0	19.65	20.17	19.81	19.48	19.83	
15	64QAM	1	37	19.50	20.13	19.68	19.36	19.81	
15	64QAM	1	74	19.67	20.35	19.84	19.40	20.03	
15	64QAM	36	0	19.87	20.46	20.07	19.66	20.15	20.7
15	64QAM	36	20	19.75	20.48	20.01	19.69	20.08	
15	64QAM	36	39	19.87	20.52	20.05	19.70	20.15	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	19.87	20.51	20.03	19.72	20.16	
15	256QAM	1	0	17.96	18.69	18.38	17.94	18.16	19.2
15	256QAM	1	37	17.85	18.68	18.29	17.88	18.10	
15	256QAM	1	74	17.91	18.60	18.32	17.87	18.38	
15	256QAM	36	0	17.15	17.76	17.49	17.09	17.35	18.2
15	256QAM	36	20	17.14	17.75	17.54	17.03	17.44	
15	256QAM	36	39	17.25	17.84	17.50	17.15	17.43	
15	256QAM	75	0	17.08	17.93	17.55	17.04	17.50	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	19.91	20.53	20.03	19.82	20.21	21
10	QPSK	1	25	19.69	20.41	19.93	19.66	20.07	
10	QPSK	1	49	19.82	20.48	20.09	19.73	20.23	
10	QPSK	25	0	19.85	20.50	20.03	19.76	20.11	20.7
10	QPSK	25	12	19.86	20.44	20.06	19.71	20.11	
10	QPSK	25	25	19.86	20.47	20.09	19.78	20.08	
10	QPSK	50	0	19.84	20.55	20.09	19.70	20.10	20.7
10	16QAM	1	0	19.89	20.42	20.06	19.89	20.05	
10	16QAM	1	25	19.68	20.40	19.98	19.70	20.02	
10	16QAM	1	49	19.86	20.44	19.99	19.68	20.20	20.7
10	16QAM	25	0	19.88	20.40	20.06	19.72	20.07	
10	16QAM	25	12	19.85	20.40	19.99	19.70	20.13	
10	16QAM	25	25	19.90	20.46	20.09	19.70	20.18	20.7
10	16QAM	50	0	19.83	20.55	20.07	19.74	20.14	
10	64QAM	1	0	19.66	20.18	19.83	19.53	19.89	
10	64QAM	1	25	19.50	20.16	19.73	19.41	19.79	20.7
10	64QAM	1	49	19.66	20.36	19.85	19.49	19.99	
10	64QAM	25	0	19.86	20.52	20.03	19.64	20.09	
10	64QAM	25	12	19.82	20.46	20.04	19.68	20.13	20.7
10	64QAM	25	25	19.88	20.52	20.04	19.62	20.15	
10	64QAM	50	0	19.89	20.46	20.04	19.64	20.14	
10	256QAM	1	0	17.92	18.78	18.32	17.92	18.20	19.2
10	256QAM	1	25	17.90	18.70	18.24	17.89	18.07	
10	256QAM	1	49	17.96	18.67	18.35	17.88	18.42	
10	256QAM	25	0	17.19	17.74	17.52	17.10	17.45	18.2
10	256QAM	25	12	17.09	17.78	17.46	16.99	17.52	
10	256QAM	25	25	17.19	17.80	17.56	17.17	17.52	
10	256QAM	50	0	17.02	17.88	17.55	17.04	17.55	
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	19.92	20.48	20.01	19.76	20.27	21
5	QPSK	1	12	19.72	20.42	20.01	19.69	20.09	
5	QPSK	1	24	19.86	20.47	20.09	19.80	20.18	
5	QPSK	12	0	19.83	20.49	20.06	19.72	20.18	20.7
5	QPSK	12	7	19.88	20.48	20.11	19.74	20.12	
5	QPSK	12	13	19.90	20.51	20.01	19.75	20.17	
5	QPSK	25	0	19.91	20.48	20.11	19.75	20.16	20.7
5	16QAM	1	0	19.85	20.41	20.09	19.86	20.13	
5	16QAM	1	12	19.69	20.38	19.99	19.71	20.05	
5	16QAM	1	24	19.83	20.51	20.02	19.66	20.16	20.7
5	16QAM	12	0	19.82	20.38	20.02	19.73	20.17	
5	16QAM	12	7	19.84	20.47	20.01	19.61	20.10	
5	16QAM	12	13	19.86	20.54	20.03	19.64	20.17	20.7
5	16QAM	25	0	19.87	20.45	20.11	19.76	20.17	
5	64QAM	1	0	19.71	20.27	19.84	19.55	19.86	
5	64QAM	1	12	19.46	20.13	19.71	19.37	19.82	20.7





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5	64QAM	1	24	19.67	20.36	19.86	19.47	20.02	
5	64QAM	12	0	19.83	20.45	20.09	19.71	20.14	20.7
5	64QAM	12	7	19.79	20.48	20.07	19.62	20.18	
5	64QAM	12	13	19.87	20.54	20.03	19.69	20.15	
5	64QAM	25	0	19.91	20.46	20.08	19.68	20.12	
5	256QAM	1	0	17.90	18.76	18.36	17.89	18.22	19.2
5	256QAM	1	12	17.85	18.68	18.29	17.88	18.04	
5	256QAM	1	24	17.98	18.67	18.31	17.89	18.46	
5	256QAM	12	0	17.14	17.77	17.48	17.09	17.35	18.2
5	256QAM	12	7	17.10	17.81	17.47	16.95	17.51	
5	256QAM	12	13	17.24	17.87	17.57	17.14	17.43	
5	256QAM	25	0	17.08	17.96	17.52	17.09	17.54	



TDD LTE Band 41 PC3\_(Index 5)

Ant 0										
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	23.04	23.58	23.27	23.00	23.33	24.2	
20	QPSK	1	49	22.76	23.41	23.10	22.72	23.20		
20	QPSK	1	99	22.90	23.49	23.10	22.75	23.32		
20	QPSK	50	0	22.04	22.61	22.32	21.91	22.37	23.2	
20	QPSK	50	24	21.94	22.53	22.25	21.83	22.34		
20	QPSK	50	50	22.03	22.60	22.31	21.89	22.36		
20	QPSK	100	0	22.01	22.61	22.33	21.89	22.33	23.2	
20	16QAM	1	0	22.12	22.66	22.33	21.91	22.28		
20	16QAM	1	49	21.91	22.64	22.18	21.75	22.28		
20	16QAM	1	99	22.08	22.72	22.27	21.85	22.46	22.2	
20	16QAM	50	0	21.00	21.63	21.36	20.86	21.34		
20	16QAM	50	24	20.99	21.64	21.35	20.90	21.35		
20	16QAM	50	50	21.02	21.67	21.34	20.94	21.38	22.2	
20	16QAM	100	0	21.09	21.67	21.37	20.97	21.38		
20	64QAM	1	0	20.93	21.44	21.20	20.78	21.03		
20	64QAM	1	49	20.80	21.47	21.05	20.54	20.98	22.2	
20	64QAM	1	99	20.98	21.58	21.19	20.62	21.06		
20	64QAM	50	0	20.06	20.68	20.35	19.93	20.34		
20	64QAM	50	24	20.06	20.69	20.41	19.93	20.39	21.2	
20	64QAM	50	50	20.06	20.72	20.41	19.91	20.44		
20	64QAM	100	0	20.06	20.72	20.43	19.93	20.44		
20	256QAM	1	0	18.00	18.79	18.36	17.97	18.33	19.2	
20	256QAM	1	49	17.90	18.73	18.34	17.87	18.23		
20	256QAM	1	99	18.01	18.74	18.40	18.02	18.37		
20	256QAM	50	0	17.28	17.82	17.56	17.08	17.50	18.2	
20	256QAM	50	24	17.14	17.88	17.57	17.05	17.56		
20	256QAM	50	50	17.20	17.88	17.60	17.09	17.54		
20	256QAM	100	0	17.17	17.94	17.62	17.19	17.48	18.2	
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	22.99	23.57	23.20	22.92	23.27	24	
15	QPSK	1	37	22.74	23.40	23.06	22.65	23.10		
15	QPSK	1	74	22.80	23.41	23.04	22.65	23.30		
15	QPSK	36	0	21.93	22.43	22.15	21.77	22.21	23.2	
15	QPSK	36	20	21.86	22.47	22.23	21.77	22.31		
15	QPSK	36	39	21.95	22.59	22.23	21.81	22.26		
15	QPSK	75	0	21.96	22.56	22.23	21.83	22.27	23.2	
15	16QAM	1	0	22.06	22.58	22.27	21.84	22.18		
15	16QAM	1	37	21.85	22.54	22.09	21.66	22.26		
15	16QAM	1	74	22.03	22.63	22.17	21.79	22.37	22.2	
15	16QAM	36	0	20.91	21.53	21.36	20.84	21.32		
15	16QAM	36	20	20.95	21.56	21.29	20.83	21.27		
15	16QAM	36	39	20.99	21.66	21.24	20.89	21.35	22.2	
15	16QAM	75	0	21.06	21.60	21.36	20.95	21.33		
15	64QAM	1	0	20.91	21.37	21.19	20.68	20.94		
15	64QAM	1	37	20.79	21.39	20.97	20.50	20.97	22.2	
15	64QAM	1	74	20.91	21.55	21.17	20.56	21.06		
15	64QAM	36	0	20.02	20.60	20.33	19.91	20.24		
15	64QAM	36	20	19.98	20.60	20.34	19.83	20.31	21.2	
15	64QAM	36	39	20.01	20.68	20.32	19.87	20.40		



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**Report No. : FA102843-05E**

15	64QAM	75	0	19.98	20.65	20.43	19.83	20.34	
15	256QAM	1	0	17.99	18.81	18.38	18.00	18.27	19.2
15	256QAM	1	37	17.94	18.75	18.38	17.89	18.21	
15	256QAM	1	74	17.94	18.71	18.34	17.96	18.43	
15	256QAM	36	0	17.26	17.74	17.59	17.14	17.50	18.2
15	256QAM	36	20	17.10	17.84	17.61	17.08	17.54	
15	256QAM	36	39	17.24	17.93	17.63	17.10	17.53	
15	256QAM	75	0	17.19	17.95	17.53	17.17	17.50	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	22.96	23.51	23.22	22.96	23.26	24
10	QPSK	1	25	22.67	23.31	23.07	22.67	23.10	
10	QPSK	1	49	22.87	23.44	23.01	22.75	23.28	
10	QPSK	25	0	21.84	22.43	22.22	21.76	22.28	23.2
10	QPSK	25	12	21.86	22.43	22.23	21.74	22.31	
10	QPSK	25	25	22.01	22.55	22.24	21.79	22.31	
10	QPSK	50	0	21.91	22.52	22.27	21.86	22.32	
10	16QAM	1	0	22.10	22.61	22.32	21.86	22.26	23.2
10	16QAM	1	25	21.82	22.59	22.16	21.67	22.28	
10	16QAM	1	49	22.02	22.63	22.24	21.75	22.39	
10	16QAM	25	0	20.92	21.63	21.30	20.82	21.25	22.2
10	16QAM	25	12	20.91	21.60	21.29	20.83	21.28	
10	16QAM	25	25	20.94	21.62	21.30	20.84	21.32	
10	16QAM	50	0	21.06	21.57	21.37	20.96	21.30	
10	64QAM	1	0	20.85	21.36	21.11	20.74	20.94	22.2
10	64QAM	1	25	20.75	21.45	20.99	20.44	20.89	
10	64QAM	1	49	20.93	21.50	21.11	20.53	21.01	
10	64QAM	25	0	20.00	20.60	20.31	19.85	20.25	21.2
10	64QAM	25	12	20.06	20.65	20.37	19.89	20.38	
10	64QAM	25	25	19.99	20.62	20.36	19.89	20.40	
10	64QAM	50	0	20.04	20.71	20.38	19.83	20.40	
10	256QAM	1	0	18.01	18.81	18.40	17.94	18.24	19.2
10	256QAM	1	25	17.94	18.74	18.30	17.94	18.19	
10	256QAM	1	49	17.94	18.78	18.42	17.94	18.40	
10	256QAM	25	0	17.31	17.83	17.60	17.12	17.48	18.2
10	256QAM	25	12	17.10	17.92	17.54	17.09	17.52	
10	256QAM	25	25	17.19	17.91	17.58	17.13	17.54	
10	256QAM	50	0	17.13	17.97	17.56	17.15	17.54	
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	22.94	23.56	23.25	22.97	23.24	24
5	QPSK	1	12	22.71	23.32	23.08	22.62	23.17	
5	QPSK	1	24	22.85	23.44	23.08	22.70	23.27	
5	QPSK	12	0	21.83	22.42	22.14	21.69	22.28	23.2
5	QPSK	12	7	21.90	22.48	22.18	21.80	22.26	
5	QPSK	12	13	21.95	22.50	22.31	21.79	22.26	
5	QPSK	25	0	21.93	22.51	22.28	21.83	22.26	
5	16QAM	1	0	22.09	22.62	22.31	21.82	22.22	23.2
5	16QAM	1	12	21.81	22.62	22.16	21.71	22.25	
5	16QAM	1	24	22.08	22.63	22.23	21.77	22.43	
5	16QAM	12	0	20.98	21.60	21.26	20.84	21.29	22.2
5	16QAM	12	7	20.94	21.55	21.30	20.86	21.26	
5	16QAM	12	13	20.94	21.67	21.26	20.90	21.34	
5	16QAM	25	0	21.04	21.67	21.34	20.89	21.29	
5	64QAM	1	0	20.84	21.35	21.14	20.73	20.96	22.2
5	64QAM	1	12	20.77	21.37	20.95	20.54	20.95	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	20.93	21.55	21.15	20.56	20.97	
5	64QAM	12	0	19.99	20.62	20.28	19.87	20.29	21.2
5	64QAM	12	7	20.06	20.62	20.35	19.85	20.35	
5	64QAM	12	13	20.03	20.63	20.39	19.83	20.43	
5	64QAM	25	0	20.02	20.70	20.35	19.90	20.39	
5	256QAM	1	0	18.00	18.75	18.39	17.95	18.30	19.2
5	256QAM	1	12	17.92	18.69	18.34	17.88	18.16	
5	256QAM	1	24	17.96	18.70	18.35	17.97	18.44	
5	256QAM	12	0	17.29	17.75	17.60	17.10	17.45	18.2
5	256QAM	12	7	17.17	17.83	17.51	17.06	17.48	
5	256QAM	12	13	17.21	17.89	17.62	17.12	17.52	
5	256QAM	25	0	17.14	17.96	17.57	17.20	17.47	



TDD LTE Band 41 PC3\_(Index 6)

Ant 0									
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	22.04	22.62	22.49	22.23	22.49	23
20	QPSK	1	49	21.90	22.51	22.18	21.86	22.24	
20	QPSK	1	99	22.02	22.61	22.26	21.95	22.39	
20	QPSK	50	0	22.03	22.61	22.37	21.96	22.37	23
20	QPSK	50	24	22.00	22.60	22.36	21.91	22.35	
20	QPSK	50	50	21.99	22.50	22.34	21.91	22.36	
20	QPSK	100	0	22.00	22.60	22.36	21.92	22.32	23
20	16QAM	1	0	22.05	22.61	22.33	21.89	22.26	
20	16QAM	1	49	21.91	22.53	22.18	21.73	22.17	
20	16QAM	1	99	21.99	22.60	22.30	21.87	22.34	22
20	16QAM	50	0	20.95	21.58	21.32	20.89	21.29	
20	16QAM	50	24	20.96	21.62	21.31	20.87	21.32	
20	16QAM	50	50	20.98	21.67	21.29	20.87	21.37	22
20	16QAM	100	0	21.03	21.69	21.33	20.91	21.38	
20	64QAM	1	0	20.83	21.44	21.17	20.75	21.19	
20	64QAM	1	49	20.65	21.35	21.04	20.59	21.10	22
20	64QAM	1	99	20.79	21.43	21.15	20.66	21.21	
20	64QAM	50	0	20.01	20.66	20.34	19.91	20.33	
20	64QAM	50	24	20.01	20.64	20.36	19.92	20.36	21
20	64QAM	50	50	20.01	20.68	20.35	19.92	20.36	
20	64QAM	100	0	20.00	20.66	20.36	19.97	20.36	
20	256QAM	1	0	17.65	18.35	18.04	17.56	17.84	19
20	256QAM	1	49	17.49	18.28	17.99	17.57	17.82	
20	256QAM	1	99	17.60	18.39	17.97	17.60	17.96	
20	256QAM	50	0	16.82	17.44	17.22	16.71	17.07	18
20	256QAM	50	24	16.70	17.50	17.17	16.62	17.15	
20	256QAM	50	50	16.84	17.47	17.18	16.77	17.10	
20	256QAM	100	0	16.79	17.56	17.18	16.81	17.12	18
Channel				39725	40173	40620	41068	41515	
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5	Tune-up limit (dBm)
15	QPSK	1	0	21.99	22.54	22.42	22.19	22.43	23
15	QPSK	1	37	21.80	22.41	22.15	21.79	22.20	
15	QPSK	1	74	22.00	22.59	22.18	21.92	22.30	
15	QPSK	36	0	21.96	22.59	22.36	21.93	22.33	23
15	QPSK	36	20	21.96	22.52	22.36	21.82	22.27	
15	QPSK	36	39	21.91	22.42	22.26	21.82	22.29	
15	QPSK	75	0	21.93	22.58	22.35	21.92	22.32	23
15	16QAM	1	0	21.99	22.56	22.25	21.81	22.26	
15	16QAM	1	37	21.88	22.51	22.10	21.65	22.16	
15	16QAM	1	74	21.92	22.56	22.20	21.81	22.33	22
15	16QAM	36	0	20.87	21.56	21.32	20.80	21.23	
15	16QAM	36	20	20.89	21.54	21.25	20.77	21.27	
15	16QAM	36	39	20.96	21.57	21.21	20.82	21.29	22
15	16QAM	75	0	21.02	21.68	21.29	20.82	21.34	
15	64QAM	1	0	20.78	21.39	21.13	20.73	21.11	
15	64QAM	1	37	20.60	21.33	20.94	20.59	21.04	22
15	64QAM	1	74	20.73	21.43	21.14	20.59	21.11	
15	64QAM	36	0	19.98	20.61	20.26	19.89	20.24	
15	64QAM	36	20	19.92	20.64	20.28	19.84	20.30	21
15	64QAM	36	39	20.01	20.58	20.31	19.87	20.33	



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**Report No. : FA102843-05E**

15	64QAM	75	0	19.93	20.63	20.29	19.97	20.34	
15	256QAM	1	0	17.62	18.30	17.96	17.49	17.75	19
15	256QAM	1	37	17.42	18.25	17.99	17.48	17.74	
15	256QAM	1	74	17.60	18.30	17.96	17.52	17.88	
15	256QAM	36	0	16.78	17.43	17.15	16.64	17.02	18
15	256QAM	36	20	16.63	17.41	17.17	16.53	17.13	
15	256QAM	36	39	16.80	17.45	17.12	16.74	17.01	
15	256QAM	75	0	16.72	17.53	17.16	16.76	17.09	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.98	22.55	22.49	22.23	22.46	23
10	QPSK	1	25	21.81	22.44	22.13	21.76	22.24	
10	QPSK	1	49	21.97	22.57	22.17	21.87	22.37	
10	QPSK	25	0	21.99	22.54	22.30	21.91	22.28	23
10	QPSK	25	12	21.98	22.60	22.34	21.81	22.31	
10	QPSK	25	25	21.94	22.49	22.34	21.88	22.28	
10	QPSK	50	0	21.92	22.51	22.36	21.82	22.26	
10	16QAM	1	0	22.03	22.54	22.23	21.82	22.23	23
10	16QAM	1	25	21.89	22.43	22.09	21.66	22.11	
10	16QAM	1	49	21.94	22.51	22.30	21.85	22.24	
10	16QAM	25	0	20.89	21.57	21.30	20.88	21.24	22
10	16QAM	25	12	20.94	21.53	21.25	20.81	21.22	
10	16QAM	25	25	20.90	21.61	21.28	20.82	21.37	
10	16QAM	50	0	20.93	21.66	21.24	20.91	21.38	
10	64QAM	1	0	20.77	21.37	21.11	20.71	21.13	22
10	64QAM	1	25	20.55	21.29	21.02	20.57	21.06	
10	64QAM	1	49	20.77	21.40	21.14	20.59	21.15	
10	64QAM	25	0	19.97	20.65	20.32	19.86	20.29	21
10	64QAM	25	12	20.00	20.63	20.32	19.84	20.31	
10	64QAM	25	25	19.97	20.64	20.31	19.82	20.34	
10	64QAM	50	0	19.98	20.66	20.35	19.90	20.34	
10	256QAM	1	0	17.57	18.32	18.01	17.49	17.78	19
10	256QAM	1	25	17.39	18.21	17.89	17.54	17.82	
10	256QAM	1	49	17.52	18.39	17.97	17.51	17.94	
10	256QAM	25	0	16.77	17.41	17.14	16.64	17.00	18
10	256QAM	25	12	16.61	17.45	17.16	16.59	17.11	
10	256QAM	25	25	16.76	17.46	17.14	16.73	17.07	
10	256QAM	50	0	16.77	17.50	17.18	16.78	17.08	
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	22.02	22.56	22.45	22.22	22.44	23
5	QPSK	1	12	21.86	22.43	22.13	21.86	22.22	
5	QPSK	1	24	21.94	22.54	22.25	21.95	22.36	
5	QPSK	12	0	21.97	22.56	22.29	21.92	22.34	23
5	QPSK	12	7	21.93	22.51	22.33	21.84	22.32	
5	QPSK	12	13	21.91	22.41	22.27	21.83	22.32	
5	QPSK	25	0	21.98	22.57	22.29	21.91	22.23	
5	16QAM	1	0	21.96	22.55	22.30	21.89	22.21	23
5	16QAM	1	12	21.87	22.53	22.13	21.66	22.10	
5	16QAM	1	24	21.93	22.58	22.30	21.83	22.26	
5	16QAM	12	0	20.86	21.48	21.32	20.81	21.19	22
5	16QAM	12	7	20.87	21.60	21.26	20.82	21.30	
5	16QAM	12	13	20.91	21.59	21.27	20.80	21.32	
5	16QAM	25	0	20.96	21.66	21.23	20.86	21.29	
5	64QAM	1	0	20.81	21.39	21.14	20.74	21.12	22
5	64QAM	1	12	20.59	21.35	20.95	20.52	21.10	



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**Report No. : FA102843-05E**

5	64QAM	1	24	20.71	21.39	21.13	20.65	21.15	
5	64QAM	12	0	19.97	20.60	20.25	19.89	20.26	21
5	64QAM	12	7	19.96	20.59	20.28	19.88	20.28	
5	64QAM	12	13	19.96	20.63	20.35	19.92	20.36	
5	64QAM	25	0	19.94	20.58	20.35	19.89	20.33	
5	256QAM	1	0	17.62	18.30	18.03	17.52	17.79	19
5	256QAM	1	12	17.49	18.28	17.96	17.48	17.78	
5	256QAM	1	24	17.51	18.37	17.97	17.50	17.87	
5	256QAM	12	0	16.79	17.44	17.15	16.65	17.06	18
5	256QAM	12	7	16.68	17.40	17.07	16.52	17.14	
5	256QAM	12	13	16.81	17.44	17.17	16.73	17.05	
5	256QAM	25	0	16.70	17.48	17.12	16.72	17.09	



TDD LTE Band 41 PC2\_(Index 1/2/3)

Ant 0									
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	25.67	26.32	26.02	25.66	26.01	26.9
20	QPSK	1	49	25.52	26.22	25.83	25.44	25.91	
20	QPSK	1	99	25.67	26.30	25.91	25.47	25.97	
20	QPSK	50	0	23.77	24.39	24.02	23.56	24.12	24.9
20	QPSK	50	24	23.72	24.32	24.02	23.55	24.11	
20	QPSK	50	50	23.76	24.38	24.00	23.55	24.10	
20	QPSK	100	0	23.73	24.36	23.99	23.53	24.10	
20	16QAM	1	0	23.65	24.50	24.26	23.66	24.20	24.9
20	16QAM	1	49	23.51	24.28	23.94	23.48	24.02	
20	16QAM	1	99	23.73	24.42	24.03	23.58	24.16	
20	16QAM	50	0	22.67	23.34	23.03	22.54	23.07	23.9
20	16QAM	50	24	22.67	23.34	23.06	22.53	23.08	
20	16QAM	50	50	22.71	23.36	23.01	22.53	23.07	
20	16QAM	100	0	22.73	23.37	23.06	22.59	23.07	
20	64QAM	1	0	22.66	23.50	23.26	22.86	23.24	23.9
20	64QAM	1	49	22.54	23.20	23.10	22.65	23.21	
20	64QAM	1	99	22.70	23.31	23.17	22.72	23.27	
20	64QAM	50	0	21.78	22.41	22.05	21.64	22.14	22.9
20	64QAM	50	24	21.80	22.48	22.12	21.72	22.17	
20	64QAM	50	50	21.83	22.50	22.09	21.68	22.25	
20	64QAM	100	0	21.85	22.47	22.09	21.72	22.19	
20	256QAM	1	0	19.75	20.50	20.33	19.96	20.30	20.9
20	256QAM	1	49	19.54	20.28	20.14	19.72	20.26	
20	256QAM	1	99	19.70	20.38	20.21	19.80	20.37	
20	256QAM	50	0	18.79	19.50	19.05	18.73	19.18	19.9
20	256QAM	50	24	18.90	19.44	19.15	18.79	19.24	
20	256QAM	50	50	18.86	19.46	19.13	18.76	19.34	
20	256QAM	100	0	18.90	19.50	19.16	18.77	19.27	
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	25.66	26.30	25.96	25.61	25.97	27
15	QPSK	1	37	25.42	26.19	25.77	25.37	25.83	
15	QPSK	1	74	25.58	26.27	25.82	25.46	25.97	
15	QPSK	36	0	23.68	24.32	23.96	23.55	24.05	24.9
15	QPSK	36	20	23.68	24.30	23.94	23.52	24.07	
15	QPSK	36	39	23.69	24.29	23.97	23.53	24.08	
15	QPSK	75	0	23.71	24.31	23.91	23.45	24.08	24.9
15	16QAM	1	0	23.57	24.42	24.20	23.66	24.10	
15	16QAM	1	37	23.45	24.24	23.88	23.38	24.00	
15	16QAM	1	74	23.67	24.41	23.96	23.50	24.13	
15	16QAM	36	0	22.60	23.31	22.96	22.45	22.99	23.9
15	16QAM	36	20	22.67	23.30	22.97	22.52	22.98	
15	16QAM	36	39	22.66	23.32	22.98	22.43	23.02	
15	16QAM	75	0	22.70	23.31	23.02	22.57	23.03	23.9
15	64QAM	1	0	22.63	23.48	23.17	22.83	23.21	
15	64QAM	1	37	22.54	23.10	23.03	22.55	23.16	
15	64QAM	1	74	22.66	23.27	23.12	22.66	23.20	
15	64QAM	36	0	21.75	22.36	21.95	21.57	22.11	22.9
15	64QAM	36	20	21.72	22.39	22.08	21.69	22.12	
15	64QAM	36	39	21.73	22.42	22.09	21.61	22.16	





**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.77	22.42	22.05	21.68	22.12	
15	256QAM	1	0	19.65	20.44	20.26	19.88	20.27	20.9
15	256QAM	1	37	19.47	20.26	20.14	19.66	20.18	
15	256QAM	1	74	19.70	20.37	20.18	19.77	20.32	
15	256QAM	36	0	18.78	19.44	18.99	18.69	19.09	19.9
15	256QAM	36	20	18.83	19.39	19.11	18.78	19.20	
15	256QAM	36	39	18.86	19.44	19.09	18.69	19.29	
15	256QAM	75	0	18.83	19.43	19.12	18.77	19.20	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	25.65	26.24	26.01	25.61	26.00	27
10	QPSK	1	25	25.47	26.12	25.80	25.42	25.91	
10	QPSK	1	49	25.58	26.24	25.81	25.42	25.87	
10	QPSK	25	0	23.70	24.35	24.02	23.48	24.11	24.9
10	QPSK	25	12	23.62	24.22	23.92	23.52	24.10	
10	QPSK	25	25	23.72	24.32	23.94	23.48	24.01	
10	QPSK	50	0	23.70	24.36	23.90	23.44	24.10	
10	16QAM	1	0	23.63	24.44	24.17	23.61	24.14	24.9
10	16QAM	1	25	23.51	24.26	23.85	23.43	23.97	
10	16QAM	1	49	23.64	24.41	23.94	23.54	24.11	
10	16QAM	25	0	22.67	23.30	23.02	22.50	23.05	23.9
10	16QAM	25	12	22.62	23.34	23.04	22.51	22.99	
10	16QAM	25	25	22.66	23.34	22.93	22.44	23.07	
10	16QAM	50	0	22.64	23.31	22.97	22.55	23.05	
10	64QAM	1	0	22.58	23.42	23.24	22.78	23.24	23.9
10	64QAM	1	25	22.52	23.12	23.04	22.64	23.17	
10	64QAM	1	49	22.65	23.26	23.15	22.63	23.18	
10	64QAM	25	0	21.71	22.33	21.95	21.63	22.12	22.9
10	64QAM	25	12	21.80	22.44	22.02	21.65	22.16	
10	64QAM	25	25	21.74	22.49	22.08	21.61	22.23	
10	64QAM	50	0	21.76	22.37	21.99	21.69	22.12	
10	256QAM	1	0	19.67	20.43	20.27	19.96	20.22	20.9
10	256QAM	1	25	19.50	20.28	20.13	19.66	20.22	
10	256QAM	1	49	19.61	20.37	20.19	19.75	20.32	
10	256QAM	25	0	18.79	19.50	19.05	18.64	19.16	19.9
10	256QAM	25	12	18.82	19.34	19.15	18.78	19.16	
10	256QAM	25	25	18.77	19.36	19.05	18.71	19.28	
10	256QAM	50	0	18.85	19.45	19.08	18.70	19.20	
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	25.61	26.26	25.94	25.63	25.95	27
5	QPSK	1	12	25.51	26.17	25.75	25.44	25.87	
5	QPSK	1	24	25.57	26.24	25.86	25.46	25.97	
5	QPSK	12	0	23.74	24.31	23.99	23.55	24.10	24.9
5	QPSK	12	7	23.68	24.32	24.02	23.51	24.10	
5	QPSK	12	13	23.71	24.28	23.97	23.48	24.02	
5	QPSK	25	0	23.69	24.32	23.99	23.48	24.07	
5	16QAM	1	0	23.65	24.41	24.26	23.57	24.19	24.9
5	16QAM	1	12	23.50	24.19	23.84	23.46	23.98	
5	16QAM	1	24	23.68	24.36	24.02	23.57	24.12	
5	16QAM	12	0	22.66	23.24	23.01	22.46	23.06	23.9
5	16QAM	12	7	22.57	23.31	23.06	22.49	23.03	
5	16QAM	12	13	22.61	23.35	22.95	22.53	23.03	
5	16QAM	25	0	22.66	23.31	23.00	22.53	23.00	
5	64QAM	1	0	22.58	23.47	23.25	22.76	23.14	23.9
5	64QAM	1	12	22.52	23.17	23.03	22.63	23.16	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.69	23.26	23.12	22.65	23.22	
5	64QAM	12	0	21.77	22.35	22.05	21.57	22.12	22.9
5	64QAM	12	7	21.73	22.46	22.09	21.71	22.10	
5	64QAM	12	13	21.76	22.41	22.01	21.64	22.25	
5	64QAM	25	0	21.82	22.38	22.04	21.64	22.12	
5	256QAM	1	0	19.69	20.42	20.26	19.90	20.25	20.9
5	256QAM	1	12	19.45	20.20	20.04	19.67	20.26	
5	256QAM	1	24	19.66	20.30	20.16	19.71	20.37	
5	256QAM	12	0	18.75	19.47	19.04	18.72	19.10	19.9
5	256QAM	12	7	18.87	19.39	19.14	18.73	19.24	
5	256QAM	12	13	18.84	19.37	19.06	18.73	19.27	
5	256QAM	25	0	18.81	19.47	19.10	18.76	19.22	



TDD LTE Band 41 PC2\_(Index 4)

Ant 0										
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	21.06	21.70	21.24	20.95	21.48	22.3	
20	QPSK	1	49	20.92	21.57	21.12	20.82	21.32		
20	QPSK	1	99	21.05	21.69	21.19	20.94	21.47		
20	QPSK	50	0	21.17	21.81	21.33	21.04	21.56	22.3	
20	QPSK	50	24	21.11	21.77	21.32	21.02	21.54		
20	QPSK	50	50	21.16	21.80	21.30	21.03	21.55		
20	QPSK	100	0	21.12	21.77	21.31	21.00	21.51	22.3	
20	16QAM	1	0	21.18	22.09	21.42	21.32	21.59		
20	16QAM	1	49	21.05	21.98	21.31	21.17	21.56		
20	16QAM	1	99	21.22	21.96	21.53	21.29	21.82	22.3	
20	16QAM	50	0	21.12	21.78	21.32	20.98	21.46		
20	16QAM	50	24	21.12	21.79	21.28	20.99	21.49		
20	16QAM	50	50	21.14	21.81	21.26	20.97	21.51	22.3	
20	16QAM	100	0	21.11	21.77	21.31	21.05	21.50		
20	64QAM	1	0	21.21	21.91	21.38	21.28	21.55		
20	64QAM	1	49	21.11	21.82	21.21	21.13	21.61	22.3	
20	64QAM	1	99	21.28	21.93	21.47	21.23	21.76		
20	64QAM	50	0	21.13	21.77	21.30	21.01	21.51		
20	64QAM	50	24	21.10	21.78	21.30	21.02	21.52	22.3	
20	64QAM	50	50	21.13	21.79	21.27	21.01	21.53		
20	64QAM	100	0	21.10	21.75	21.28	20.99	21.49		
20	256QAM	1	0	19.65	20.45	20.28	19.88	20.25	20.8	
20	256QAM	1	49	19.51	20.23	20.10	19.64	20.25		
20	256QAM	1	99	19.62	20.28	20.19	19.80	20.29		
20	256QAM	50	0	18.77	19.40	18.95	18.72	19.14	19.8	
20	256QAM	50	24	18.85	19.41	19.06	18.70	19.14		
20	256QAM	50	50	18.77	19.38	19.10	18.67	19.27		
20	256QAM	100	0	18.90	19.47	19.13	18.71	19.24	19.8	
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	21.00	21.65	21.14	20.93	21.47	22	
15	QPSK	1	37	20.84	21.50	21.03	20.73	21.24		
15	QPSK	1	74	21.03	21.68	21.19	20.93	21.45		
15	QPSK	36	0	21.16	21.81	21.24	20.99	21.51	22.3	
15	QPSK	36	20	21.05	21.76	21.31	20.93	21.53		
15	QPSK	36	39	21.08	21.76	21.28	21.01	21.45		
15	QPSK	75	0	21.11	21.75	21.24	20.92	21.45	22.3	
15	16QAM	1	0	21.17	22.02	21.33	21.24	21.59		
15	16QAM	1	37	20.96	21.92	21.24	21.09	21.48		
15	16QAM	1	74	21.14	21.88	21.49	21.24	21.79	22.3	
15	16QAM	36	0	21.03	21.74	21.23	20.92	21.45		
15	16QAM	36	20	21.04	21.79	21.26	20.94	21.40		
15	16QAM	36	39	21.09	21.75	21.26	20.94	21.47	22.3	
15	16QAM	75	0	21.06	21.68	21.27	20.99	21.46		
15	64QAM	1	0	21.13	21.83	21.35	21.25	21.53		
15	64QAM	1	37	21.01	21.78	21.20	21.13	21.59	22.3	
15	64QAM	1	74	21.27	21.83	21.44	21.18	21.70		
15	64QAM	36	0	21.09	21.71	21.28	21.01	21.41		
15	64QAM	36	20	21.07	21.68	21.24	20.92	21.45	22.3	
15	64QAM	36	39	21.03	21.69	21.26	21.00	21.46		



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.08	21.71	21.27	20.89	21.45	
15	256QAM	1	0	19.57	20.35	20.26	19.87	20.18	20.8
15	256QAM	1	37	19.43	20.22	20.09	19.60	20.21	
15	256QAM	1	74	19.56	20.24	20.14	19.75	20.20	
15	256QAM	36	0	18.73	19.40	18.95	18.65	19.08	19.8
15	256QAM	36	20	18.77	19.34	19.02	18.70	19.07	
15	256QAM	36	39	18.69	19.28	19.09	18.58	19.20	
15	256QAM	75	0	18.85	19.46	19.11	18.61	19.14	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	21.02	21.61	21.20	20.91	21.40	22
10	QPSK	1	25	20.84	21.53	21.12	20.78	21.27	
10	QPSK	1	49	20.99	21.67	21.17	20.86	21.43	
10	QPSK	25	0	21.15	21.73	21.24	21.00	21.48	22.3
10	QPSK	25	12	21.04	21.73	21.23	20.98	21.50	
10	QPSK	25	25	21.08	21.73	21.28	21.02	21.51	
10	QPSK	50	0	21.06	21.77	21.23	20.96	21.44	22.3
10	16QAM	1	0	21.14	22.08	21.39	21.31	21.53	
10	16QAM	1	25	20.97	21.95	21.28	21.17	21.47	
10	16QAM	1	49	21.12	21.91	21.44	21.29	21.74	22.3
10	16QAM	25	0	21.03	21.68	21.24	20.88	21.41	
10	16QAM	25	12	21.07	21.72	21.22	20.99	21.44	
10	16QAM	25	25	21.14	21.72	21.17	20.92	21.43	22.3
10	16QAM	50	0	21.04	21.71	21.21	20.95	21.40	
10	64QAM	1	0	21.18	21.83	21.33	21.23	21.50	
10	64QAM	1	25	21.10	21.80	21.19	21.06	21.56	
10	64QAM	1	49	21.23	21.85	21.47	21.13	21.68	
10	64QAM	25	0	21.12	21.67	21.28	20.91	21.51	22.3
10	64QAM	25	12	21.04	21.77	21.20	21.02	21.50	
10	64QAM	25	25	21.08	21.76	21.22	21.01	21.43	
10	64QAM	50	0	21.01	21.68	21.25	20.95	21.45	20.8
10	256QAM	1	0	19.60	20.38	20.21	19.85	20.20	
10	256QAM	1	25	19.41	20.16	20.10	19.64	20.16	
10	256QAM	1	49	19.59	20.19	20.12	19.73	20.20	19.8
10	256QAM	25	0	18.70	19.30	18.95	18.72	19.13	
10	256QAM	25	12	18.75	19.32	18.97	18.60	19.09	
10	256QAM	25	25	18.68	19.32	19.07	18.65	19.25	19.8
10	256QAM	50	0	18.90	19.38	19.09	18.70	19.24	
Channel				39675	40148	40620	41093	41565	
Frequency (MHz)				2498.5	2545.8	2593	2640.30	2687.5	
5	QPSK	1	0	21.03	21.68	21.22	20.93	21.38	22
5	QPSK	1	12	20.87	21.56	21.04	20.80	21.31	
5	QPSK	1	24	21.02	21.69	21.14	20.85	21.45	
5	QPSK	12	0	21.16	21.72	21.26	20.98	21.53	22.3
5	QPSK	12	7	21.06	21.75	21.23	20.94	21.52	
5	QPSK	12	13	21.07	21.79	21.28	20.94	21.53	
5	QPSK	25	0	21.08	21.71	21.22	20.93	21.46	22.3
5	16QAM	1	0	21.08	22.01	21.39	21.30	21.50	
5	16QAM	1	12	21.03	21.92	21.30	21.12	21.52	
5	16QAM	1	24	21.20	21.89	21.43	21.26	21.80	22.3
5	16QAM	12	0	21.02	21.78	21.31	20.89	21.42	
5	16QAM	12	7	21.11	21.74	21.25	20.92	21.49	
5	16QAM	12	13	21.10	21.74	21.16	20.91	21.45	22.3
5	16QAM	25	0	21.06	21.67	21.26	20.98	21.47	
5	64QAM	1	0	21.16	21.81	21.37	21.20	21.46	
5	64QAM	1	12	21.02	21.79	21.13	21.05	21.56	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	21.24	21.85	21.40	21.17	21.67	
5	64QAM	12	0	21.12	21.74	21.25	20.98	21.44	22.3
5	64QAM	12	7	21.07	21.71	21.20	20.94	21.42	
5	64QAM	12	13	21.06	21.74	21.17	20.96	21.45	
5	64QAM	25	0	21.04	21.70	21.22	20.91	21.43	
5	256QAM	1	0	19.64	20.43	20.18	19.79	20.22	20.8
5	256QAM	1	12	19.51	20.23	20.06	19.61	20.16	
5	256QAM	1	24	19.58	20.18	20.17	19.73	20.23	
5	256QAM	12	0	18.75	19.33	18.93	18.64	19.14	19.8
5	256QAM	12	7	18.80	19.38	19.03	18.60	19.07	
5	256QAM	12	13	18.73	19.36	19.00	18.61	19.21	
5	256QAM	25	0	18.88	19.44	19.12	18.66	19.20	



TDD LTE Band 41 PC2\_(Index 5)

Ant 0									
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	24.66	25.25	24.87	24.53	24.95	25.8
20	QPSK	1	49	24.50	25.12	24.69	24.37	24.90	
20	QPSK	1	99	24.64	25.23	24.76	24.41	24.91	
20	QPSK	50	0	23.69	24.32	23.92	23.49	24.07	24.8
20	QPSK	50	24	23.68	24.31	23.91	23.47	24.05	
20	QPSK	50	50	23.68	24.30	23.84	23.48	24.06	
20	QPSK	100	0	23.63	24.28	23.89	23.46	24.03	
20	16QAM	1	0	23.89	24.21	24.19	23.58	24.22	24.8
20	16QAM	1	49	23.57	24.11	23.73	23.24	23.87	
20	16QAM	1	99	23.74	24.23	23.73	23.36	23.93	
20	16QAM	50	0	22.62	23.27	22.88	22.45	22.98	23.8
20	16QAM	50	24	22.47	23.29	22.92	22.46	23.08	
20	16QAM	50	50	22.65	23.29	22.88	22.44	23.11	
20	16QAM	100	0	22.68	23.27	22.93	22.46	23.08	
20	64QAM	1	0	22.55	23.45	23.17	22.66	23.24	23.8
20	64QAM	1	49	22.52	23.36	23.01	22.51	23.17	
20	64QAM	1	99	22.85	23.46	23.08	22.61	23.28	
20	64QAM	50	0	21.71	22.30	21.93	21.50	22.04	22.8
20	64QAM	50	24	21.71	22.38	22.00	21.57	22.15	
20	64QAM	50	50	21.79	22.44	21.98	21.60	22.17	
20	64QAM	100	0	21.75	22.40	21.98	21.59	22.11	
20	256QAM	1	0	19.36	20.17	20.03	19.57	19.97	20.8
20	256QAM	1	49	19.15	19.90	19.77	19.36	19.86	
20	256QAM	1	99	19.34	20.01	19.85	19.44	20.06	
20	256QAM	50	0	18.49	19.16	18.69	18.42	18.81	19.8
20	256QAM	50	24	18.55	19.14	18.81	18.41	18.87	
20	256QAM	50	50	18.52	19.09	18.83	18.45	18.96	
20	256QAM	100	0	18.51	19.20	18.77	18.42	18.89	
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	24.65	25.22	24.81	24.48	24.91	26
15	QPSK	1	37	24.48	25.04	24.65	24.28	24.87	
15	QPSK	1	74	24.55	25.17	24.74	24.31	24.96	
15	QPSK	36	0	23.67	24.24	23.90	23.43	23.99	24.8
15	QPSK	36	20	23.64	24.26	23.87	23.38	24.01	
15	QPSK	36	39	23.63	24.26	23.76	23.38	23.96	
15	QPSK	75	0	23.53	24.26	23.80	23.44	24.02	24.8
15	16QAM	1	0	23.87	24.16	24.15	23.56	24.16	
15	16QAM	1	37	23.56	24.08	23.72	23.20	23.83	
15	16QAM	1	74	23.68	24.20	23.67	23.28	23.83	
15	16QAM	36	0	22.55	23.19	22.82	22.37	22.92	23.8
15	16QAM	36	20	22.39	23.23	22.87	22.40	23.07	
15	16QAM	36	39	22.64	23.27	22.88	22.39	23.04	
15	16QAM	75	0	22.59	23.18	22.92	22.39	23.00	23.8
15	64QAM	1	0	22.54	23.42	23.09	22.59	23.19	
15	64QAM	1	37	22.45	23.36	22.94	22.45	23.12	
15	64QAM	1	74	22.81	23.45	23.01	22.58	23.20	
15	64QAM	36	0	21.69	22.23	21.93	21.46	22.04	22.8
15	64QAM	36	20	21.70	22.29	22.00	21.49	22.08	
15	64QAM	36	39	21.70	22.41	21.88	21.55	22.08	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.75	22.32	21.89	21.49	22.11	
15	256QAM	1	0	19.27	20.14	19.97	19.57	19.95	20.8
15	256QAM	1	37	19.07	19.85	19.75	19.35	19.82	
15	256QAM	1	74	19.29	19.92	19.78	19.34	20.05	
15	256QAM	36	0	18.40	19.07	18.67	18.42	18.71	19.8
15	256QAM	36	20	18.49	19.10	18.75	18.38	18.78	
15	256QAM	36	39	18.42	19.01	18.76	18.39	18.89	
15	256QAM	75	0	18.51	19.17	18.69	18.35	18.82	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	24.63	25.20	24.82	24.47	24.86	26
10	QPSK	1	25	24.50	25.12	24.60	24.30	24.81	
10	QPSK	1	49	24.54	25.14	24.73	24.31	24.99	
10	QPSK	25	0	23.68	24.24	23.83	23.44	24.05	24.8
10	QPSK	25	12	23.62	24.21	23.90	23.42	23.98	
10	QPSK	25	25	23.66	24.23	23.76	23.43	23.96	
10	QPSK	50	0	23.57	24.26	23.88	23.43	23.95	
10	16QAM	1	0	23.82	24.13	24.18	23.56	24.17	24.8
10	16QAM	1	25	23.55	24.04	23.63	23.15	23.79	
10	16QAM	1	49	23.66	24.22	23.65	23.32	23.92	
10	16QAM	25	0	22.60	23.17	22.82	22.38	22.90	23.8
10	16QAM	25	12	22.46	23.23	22.92	22.44	23.00	
10	16QAM	25	25	22.62	23.28	22.88	22.37	23.10	
10	16QAM	50	0	22.63	23.22	22.86	22.38	23.02	
10	64QAM	1	0	22.53	23.43	23.12	22.65	23.22	23.8
10	64QAM	1	25	22.51	23.32	22.97	22.46	23.08	
10	64QAM	1	49	22.77	23.39	23.00	22.51	23.27	
10	64QAM	25	0	21.65	22.22	21.84	21.50	21.96	22.8
10	64QAM	25	12	21.66	22.28	21.97	21.51	22.11	
10	64QAM	25	25	21.78	22.39	21.97	21.56	22.07	
10	64QAM	50	0	21.71	22.31	21.91	21.49	22.09	
10	256QAM	1	0	19.32	20.16	19.94	19.48	19.97	20.8
10	256QAM	1	25	19.06	19.87	19.68	19.33	19.79	
10	256QAM	1	49	19.29	19.92	19.80	19.44	20.04	
10	256QAM	25	0	18.43	19.10	18.60	18.32	18.77	19.8
10	256QAM	25	12	18.55	19.08	18.79	18.32	18.84	
10	256QAM	25	25	18.49	19.06	18.83	18.42	18.87	
10	256QAM	50	0	18.42	19.17	18.70	18.38	18.83	
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	24.65	25.18	24.80	24.44	24.90	26
5	QPSK	1	12	24.44	25.06	24.68	24.34	24.85	
5	QPSK	1	24	24.55	25.19	24.73	24.37	24.94	
5	QPSK	12	0	23.66	24.31	23.86	23.47	23.98	24.8
5	QPSK	12	7	23.67	24.26	23.83	23.46	23.99	
5	QPSK	12	13	23.60	24.30	23.79	23.38	24.02	
5	QPSK	25	0	23.54	24.18	23.89	23.36	23.99	
5	16QAM	1	0	23.89	24.21	24.11	23.55	24.14	24.8
5	16QAM	1	12	23.56	24.02	23.71	23.17	23.77	
5	16QAM	1	24	23.70	24.19	23.69	23.30	23.88	
5	16QAM	12	0	22.53	23.27	22.80	22.39	22.94	23.8
5	16QAM	12	7	22.47	23.26	22.88	22.37	23.04	
5	16QAM	12	13	22.57	23.21	22.86	22.44	23.07	
5	16QAM	25	0	22.60	23.22	22.85	22.45	23.07	
5	64QAM	1	0	22.47	23.43	23.12	22.62	23.24	23.8
5	64QAM	1	12	22.44	23.35	22.92	22.43	23.08	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.82	23.36	23.02	22.53	23.19	
5	64QAM	12	0	21.66	22.30	21.88	21.46	22.02	22.8
5	64QAM	12	7	21.71	22.35	21.99	21.47	22.09	
5	64QAM	12	13	21.72	22.43	21.96	21.59	22.16	
5	64QAM	25	0	21.75	22.39	21.96	21.59	22.05	
5	256QAM	1	0	19.33	20.17	20.03	19.56	19.93	20.8
5	256QAM	1	12	19.10	19.81	19.72	19.35	19.77	
5	256QAM	1	24	19.28	19.96	19.84	19.43	19.99	
5	256QAM	12	0	18.48	19.09	18.64	18.39	18.80	19.8
5	256QAM	12	7	18.49	19.13	18.81	18.37	18.85	
5	256QAM	12	13	18.49	19.06	18.78	18.43	18.94	
5	256QAM	25	0	18.44	19.12	18.73	18.41	18.84	





TDD LTE Band 41 PC2\_(Index 6)

Ant 0									
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	23.45	24.22	23.90	23.60	23.95	24.6
20	QPSK	1	49	23.30	23.99	23.52	23.24	23.72	
20	QPSK	1	99	23.44	24.10	23.63	23.25	23.83	
20	QPSK	50	0	23.56	24.16	23.80	23.38	23.97	24.6
20	QPSK	50	24	23.49	24.15	23.79	23.36	23.94	
20	QPSK	50	50	23.55	24.14	23.77	23.37	23.96	
20	QPSK	100	0	23.53	24.11	23.78	23.34	23.93	
20	16QAM	1	0	23.56	24.21	23.93	23.60	23.96	24.6
20	16QAM	1	49	23.44	24.18	23.77	23.33	23.90	
20	16QAM	1	99	23.59	24.07	23.84	23.37	24.01	
20	16QAM	50	0	23.08	23.77	23.40	22.93	23.50	23.9
20	16QAM	50	24	23.06	23.76	23.38	22.91	23.51	
20	16QAM	50	50	23.05	23.75	23.35	22.91	23.54	
20	16QAM	100	0	23.08	23.72	23.40	22.90	23.53	
20	64QAM	1	0	22.94	23.64	23.42	22.83	23.51	23.9
20	64QAM	1	49	23.11	23.81	23.16	22.69	23.29	
20	64QAM	1	99	23.25	23.81	23.16	22.79	23.43	
20	64QAM	50	0	22.18	22.87	22.50	22.01	22.61	22.9
20	64QAM	50	24	22.19	22.86	22.49	22.02	22.65	
20	64QAM	50	50	22.23	22.85	22.46	22.01	22.65	
20	64QAM	100	0	22.21	22.79	22.44	21.97	22.59	
20	256QAM	1	0	19.22	20.00	19.79	19.40	19.72	20.6
20	256QAM	1	49	18.94	19.71	19.54	19.15	19.76	
20	256QAM	1	99	19.11	19.78	19.63	19.24	19.77	
20	256QAM	50	0	18.19	18.97	18.50	18.22	18.62	19.6
20	256QAM	50	24	18.39	18.91	18.59	18.26	18.71	
20	256QAM	50	50	18.26	18.88	18.61	18.26	18.76	
20	256QAM	100	0	18.39	18.98	18.64	18.23	18.72	
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	23.45	24.19	23.90	23.58	23.87	25
15	QPSK	1	37	23.29	23.96	23.50	23.17	23.67	
15	QPSK	1	74	23.39	24.08	23.53	23.17	23.74	
15	QPSK	36	0	23.49	24.14	23.69	23.34	23.90	24.6
15	QPSK	36	20	23.46	24.14	23.69	23.32	23.93	
15	QPSK	36	39	23.51	24.08	23.76	23.29	23.89	
15	QPSK	75	0	23.45	24.04	23.76	23.32	23.85	24.6
15	16QAM	1	0	23.52	24.13	23.89	23.60	23.88	
15	16QAM	1	37	23.42	24.11	23.72	23.25	23.90	
15	16QAM	1	74	23.52	23.99	23.83	23.31	23.96	
15	16QAM	36	0	22.98	23.70	23.32	22.89	23.50	23.9
15	16QAM	36	20	23.05	23.76	23.32	22.90	23.44	
15	16QAM	36	39	23.01	23.66	23.32	22.88	23.52	
15	16QAM	75	0	23.08	23.67	23.37	22.90	23.43	23.9
15	64QAM	1	0	22.91	23.62	23.38	22.75	23.44	
15	64QAM	1	37	23.07	23.79	23.12	22.62	23.26	
15	64QAM	1	74	23.15	23.79	23.11	22.72	23.39	
15	64QAM	36	0	22.14	22.85	22.48	21.96	22.61	22.9
15	64QAM	36	20	22.15	22.85	22.40	22.00	22.59	
15	64QAM	36	39	22.17	22.79	22.36	21.96	22.56	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	22.16	22.70	22.37	21.93	22.59	
15	256QAM	1	0	19.16	19.98	19.71	19.34	19.69	20.6
15	256QAM	1	37	18.92	19.68	19.50	19.09	19.70	
15	256QAM	1	74	19.03	19.76	19.63	19.23	19.77	
15	256QAM	36	0	18.17	18.92	18.50	18.13	18.62	19.6
15	256QAM	36	20	18.39	18.89	18.57	18.16	18.67	
15	256QAM	36	39	18.20	18.81	18.58	18.16	18.68	
15	256QAM	75	0	18.32	18.94	18.58	18.14	18.62	
Channel				39700	40160	40620	41080	41540	Tune-up limit (dBm)
Frequency (MHz)				2501	2547	2593	2639	2685	
10	QPSK	1	0	23.44	24.20	23.85	23.56	23.90	25
10	QPSK	1	25	23.26	23.95	23.52	23.23	23.67	
10	QPSK	1	49	23.45	24.08	23.57	23.23	23.81	
10	QPSK	25	0	23.48	24.16	23.73	23.34	23.91	24.6
10	QPSK	25	12	23.45	24.05	23.71	23.34	23.88	
10	QPSK	25	25	23.50	24.09	23.76	23.37	23.96	
10	QPSK	50	0	23.50	24.02	23.77	23.29	23.88	
10	16QAM	1	0	23.52	24.15	23.87	23.52	23.92	24.6
10	16QAM	1	25	23.43	24.17	23.77	23.29	23.90	
10	16QAM	1	49	23.58	23.99	23.80	23.28	24.01	
10	16QAM	25	0	23.07	23.76	23.37	22.85	23.45	23.9
10	16QAM	25	12	22.97	23.66	23.31	22.85	23.50	
10	16QAM	25	25	23.01	23.75	23.27	22.87	23.45	
10	16QAM	50	0	23.03	23.71	23.33	22.87	23.50	
10	64QAM	1	0	22.92	23.55	23.40	22.77	23.42	23.9
10	64QAM	1	25	23.09	23.71	23.15	22.64	23.29	
10	64QAM	1	49	23.21	23.73	23.06	22.72	23.42	
10	64QAM	25	0	22.18	22.83	22.45	21.98	22.52	22.9
10	64QAM	25	12	22.15	22.80	22.39	21.96	22.63	
10	64QAM	25	25	22.21	22.82	22.46	22.01	22.64	
10	64QAM	50	0	22.20	22.76	22.38	21.95	22.56	
10	256QAM	1	0	19.12	19.95	19.70	19.35	19.69	20.6
10	256QAM	1	25	18.91	19.66	19.52	19.10	19.68	
10	256QAM	1	49	19.09	19.71	19.59	19.18	19.69	
10	256QAM	25	0	18.10	18.93	18.41	18.17	18.55	19.6
10	256QAM	25	12	18.30	18.88	18.51	18.25	18.67	
10	256QAM	25	25	18.22	18.88	18.52	18.18	18.76	
10	256QAM	50	0	18.35	18.98	18.63	18.14	18.62	
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	23.36	24.15	23.83	23.59	23.87	25
5	QPSK	1	12	23.23	23.97	23.45	23.16	23.64	
5	QPSK	1	24	23.35	24.06	23.61	23.25	23.74	
5	QPSK	12	0	23.47	24.15	23.77	23.32	23.86	24.6
5	QPSK	12	7	23.46	24.13	23.78	23.33	23.86	
5	QPSK	12	13	23.54	24.12	23.76	23.35	23.87	
5	QPSK	25	0	23.46	24.08	23.75	23.32	23.83	
5	16QAM	1	0	23.52	24.16	23.86	23.52	23.87	24.6
5	16QAM	1	12	23.34	24.15	23.69	23.30	23.85	
5	16QAM	1	24	23.49	24.00	23.78	23.28	23.93	
5	16QAM	12	0	23.06	23.67	23.32	22.89	23.49	23.9
5	16QAM	12	7	23.01	23.73	23.38	22.89	23.44	
5	16QAM	12	13	23.03	23.67	23.25	22.86	23.54	
5	16QAM	25	0	23.04	23.64	23.33	22.88	23.52	
5	64QAM	1	0	22.89	23.64	23.37	22.78	23.43	23.9
5	64QAM	1	12	23.11	23.73	23.13	22.65	23.19	



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**Report No. : FA1O2843-05E**

5	64QAM	1	24	23.19	23.80	23.07	22.74	23.39	
5	64QAM	12	0	22.12	22.81	22.41	21.96	22.55	22.9
5	64QAM	12	7	22.16	22.76	22.40	21.97	22.63	
5	64QAM	12	13	22.23	22.82	22.37	22.01	22.64	
5	64QAM	25	0	22.20	22.73	22.43	21.92	22.50	
5	256QAM	1	0	19.21	19.96	19.71	19.34	19.70	20.6
5	256QAM	1	12	18.84	19.66	19.49	19.10	19.74	
5	256QAM	1	24	19.01	19.75	19.63	19.17	19.67	
5	256QAM	12	0	18.16	18.94	18.48	18.12	18.57	19.6
5	256QAM	12	7	18.29	18.85	18.54	18.25	18.69	
5	256QAM	12	13	18.18	18.79	18.52	18.19	18.75	
5	256QAM	25	0	18.32	18.93	18.60	18.23	18.66	



TDD LTE Band 48\_(Index 1/2/3/5)

				Ant 6				Tune-up limit (dBm)
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.	
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	25.4
20	QPSK	1	0	24.30	24.69	24.88	25.13	
20	QPSK	1	49	24.15	24.47	24.66	24.86	
20	QPSK	1	99	24.17	24.47	24.62	24.79	
20	QPSK	50	0	23.32	23.69	23.86	24.11	
20	QPSK	50	24	23.26	23.62	23.78	24.00	
20	QPSK	50	50	23.23	23.57	23.72	23.93	
20	QPSK	100	0	23.26	23.60	23.78	24.01	
20	16QAM	1	0	23.36	23.61	23.82	24.08	
20	16QAM	1	49	23.22	23.43	23.61	23.83	
20	16QAM	1	99	23.22	23.39	23.57	23.81	
20	16QAM	50	0	22.29	22.66	22.82	23.04	
20	16QAM	50	24	22.27	22.59	22.75	22.96	
20	16QAM	50	50	22.21	22.54	22.68	22.89	
20	16QAM	100	0	22.26	22.58	22.73	22.94	
20	64QAM	1	0	22.33	22.49	22.73	22.84	
20	64QAM	1	49	22.09	22.30	22.57	22.55	
20	64QAM	1	99	22.06	22.29	22.51	22.49	
20	64QAM	50	0	21.30	21.64	21.79	22.04	
20	64QAM	50	24	21.24	21.56	21.73	21.96	
20	64QAM	50	50	21.22	21.52	21.65	21.86	
20	64QAM	100	0	21.25	21.56	21.71	21.93	
20	256QAM	1	0	19.44	19.43	19.44	19.44	
20	256QAM	1	49	19.27	19.37	19.41	19.31	
20	256QAM	1	99	19.32	19.35	19.20	19.23	
20	256QAM	50	0	19.52	19.53	19.44	19.48	
20	256QAM	50	24	19.51	19.54	19.50	19.45	
20	256QAM	50	50	19.53	19.53	19.46	19.47	
20	256QAM	100	0	19.36	19.52	19.48	19.44	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	24.30	24.67	24.80	25.10	
15	QPSK	1	37	24.06	24.44	24.66	24.80	
15	QPSK	1	74	24.16	24.41	24.52	24.69	
15	QPSK	36	0	23.32	23.64	23.86	24.06	
15	QPSK	36	20	23.17	23.52	23.73	23.93	
15	QPSK	36	39	23.20	23.48	23.66	23.83	
15	QPSK	75	0	23.19	23.55	23.74	23.97	
15	16QAM	1	0	23.36	23.58	23.74	24.07	
15	16QAM	1	37	23.17	23.33	23.56	23.73	
15	16QAM	1	74	23.20	23.37	23.48	23.77	
15	16QAM	36	0	22.28	22.59	22.73	22.97	
15	16QAM	36	20	22.19	22.53	22.70	22.87	
15	16QAM	36	39	22.17	22.45	22.64	22.86	
15	16QAM	75	0	22.26	22.57	22.63	22.92	
15	64QAM	1	0	22.32	22.46	22.72	22.76	
15	64QAM	1	37	21.99	22.27	22.49	22.55	
15	64QAM	1	74	21.97	22.24	22.51	22.40	
15	64QAM	36	0	21.21	21.64	21.79	21.95	
15	64QAM	36	20	21.24	21.48	21.71	21.90	
15	64QAM	36	39	21.20	21.50	21.65	21.85	



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

15	64QAM	75	0	21.21	21.56	21.65	21.88	
15	256QAM	1	0	19.37	19.37	19.41	19.39	20.4
15	256QAM	1	37	19.20	19.30	19.36	19.26	
15	256QAM	1	74	19.25	19.27	19.13	19.16	
15	256QAM	36	0	19.48	19.53	19.38	19.44	20.4
15	256QAM	36	20	19.41	19.51	19.50	19.38	
15	256QAM	36	39	19.50	19.51	19.36	19.44	
15	256QAM	75	0	19.31	19.47	19.40	19.39	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	24.24	24.67	24.85	25.08	25.4
10	QPSK	1	25	24.10	24.41	24.57	24.76	
10	QPSK	1	49	24.10	24.44	24.59	24.75	
10	QPSK	25	0	23.26	23.65	23.84	24.01	24.4
10	QPSK	25	12	23.22	23.58	23.68	23.90	
10	QPSK	25	25	23.17	23.50	23.70	23.87	
10	QPSK	50	0	23.24	23.55	23.75	23.94	
10	16QAM	1	0	23.27	23.59	23.78	24.02	24.4
10	16QAM	1	25	23.22	23.39	23.57	23.75	
10	16QAM	1	49	23.17	23.29	23.52	23.72	
10	16QAM	25	0	22.29	22.60	22.82	22.98	23.4
10	16QAM	25	12	22.19	22.49	22.67	22.86	
10	16QAM	25	25	22.14	22.44	22.66	22.80	
10	16QAM	50	0	22.25	22.52	22.67	22.84	
10	64QAM	1	0	22.24	22.48	22.65	22.75	23.4
10	64QAM	1	25	21.99	22.29	22.54	22.45	
10	64QAM	1	49	22.04	22.26	22.47	22.49	
10	64QAM	25	0	21.24	21.63	21.79	21.94	22.4
10	64QAM	25	12	21.19	21.49	21.65	21.91	
10	64QAM	25	25	21.21	21.42	21.57	21.80	
10	64QAM	50	0	21.20	21.53	21.68	21.84	
10	256QAM	1	0	19.44	19.38	19.36	19.37	20.4
10	256QAM	1	25	19.23	19.29	19.37	19.21	
10	256QAM	1	49	19.26	19.26	19.13	19.16	
10	256QAM	25	0	19.46	19.49	19.37	19.47	20.4
10	256QAM	25	12	19.50	19.49	19.46	19.44	
10	256QAM	25	25	19.45	19.45	19.37	19.40	
10	256QAM	50	0	19.36	19.48	19.45	19.34	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	24.23	24.63	24.88	25.09	25.4
5	QPSK	1	12	24.06	24.41	24.65	24.86	
5	QPSK	1	24	24.17	24.39	24.60	24.69	
5	QPSK	12	0	23.31	23.62	23.79	24.03	24.4
5	QPSK	12	7	23.24	23.57	23.77	23.96	
5	QPSK	12	13	23.21	23.57	23.64	23.91	
5	QPSK	25	0	23.21	23.60	23.72	23.93	
5	16QAM	1	0	23.36	23.57	23.78	24.03	24.4
5	16QAM	1	12	23.16	23.35	23.53	23.82	
5	16QAM	1	24	23.16	23.34	23.54	23.77	
5	16QAM	12	0	22.23	22.65	22.82	22.98	23.4
5	16QAM	12	7	22.26	22.55	22.72	22.92	
5	16QAM	12	13	22.20	22.48	22.59	22.82	
5	16QAM	25	0	22.19	22.48	22.72	22.85	
5	64QAM	1	0	22.32	22.46	22.73	22.82	23.4
5	64QAM	1	12	22.08	22.28	22.53	22.47	



**FCC SAR TEST REPORT**

**Report No. : FA1O2843-05E**

5	64QAM	1	24	22.01	22.28	22.50	22.48	
5	64QAM	12	0	21.25	21.61	21.76	21.96	22.4
5	64QAM	12	7	21.24	21.51	21.70	21.96	
5	64QAM	12	13	21.22	21.44	21.55	21.86	
5	64QAM	25	0	21.25	21.54	21.64	21.85	
5	256QAM	1	0	19.41	19.34	19.35	19.41	20.4
5	256QAM	1	12	19.26	19.37	19.40	19.30	
5	256QAM	1	24	19.26	19.28	19.17	19.16	
5	256QAM	12	0	19.49	19.50	19.38	19.41	20.4
5	256QAM	12	7	19.51	19.50	19.43	19.36	
5	256QAM	12	13	19.48	19.45	19.39	19.44	
5	256QAM	25	0	19.34	19.49	19.44	19.44	



TDD LTE Band 48\_(Index 4/6)

				Ant 6				Tune-up limit (dBm)
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.	
Channel				55340	55830	56150	56640	
Frequency (MHz)				3560	3609	3641	3690	24.3
20	QPSK	1	0	23.68	23.56	23.41	23.69	
20	QPSK	1	49	23.49	23.36	23.23	23.31	
20	QPSK	1	99	23.51	23.35	23.22	23.26	
20	QPSK	50	0	23.60	23.55	23.47	23.61	
20	QPSK	50	24	23.56	23.49	23.41	23.52	
20	QPSK	50	50	23.51	23.43	23.35	23.40	
20	QPSK	100	0	23.55	23.46	23.41	23.56	
20	16QAM	1	0	23.57	23.60	23.57	23.62	
20	16QAM	1	49	23.38	23.37	23.31	23.43	
20	16QAM	1	99	23.43	23.30	23.32	23.34	
20	16QAM	50	0	22.56	22.48	22.46	22.51	
20	16QAM	50	24	22.54	22.45	22.42	22.44	
20	16QAM	50	50	22.51	22.38	22.35	22.38	
20	16QAM	100	0	22.50	22.39	22.37	22.44	
20	64QAM	1	0	22.55	22.45	22.45	22.49	
20	64QAM	1	49	22.29	22.17	22.18	22.26	
20	64QAM	1	99	22.32	22.17	22.16	22.21	
20	64QAM	50	0	21.54	21.49	21.48	21.54	
20	64QAM	50	24	21.52	21.46	21.41	21.42	
20	64QAM	50	50	21.50	21.38	21.37	21.35	
20	64QAM	100	0	21.48	21.35	21.39	21.43	
20	256QAM	1	0	19.41	19.34	19.37	19.42	
20	256QAM	1	49	19.22	19.32	19.34	19.26	
20	256QAM	1	99	19.22	19.28	19.12	19.21	
20	256QAM	50	0	19.48	19.44	19.37	19.41	
20	256QAM	50	24	19.42	19.54	19.43	19.38	
20	256QAM	50	50	19.52	19.48	19.43	19.47	
20	256QAM	100	0	19.26	19.51	19.46	19.41	
Channel				55315	55820	56160	56665	Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5	
15	QPSK	1	0	23.58	23.55	23.31	23.60	
15	QPSK	1	37	23.46	23.32	23.23	23.31	
15	QPSK	1	74	23.50	23.29	23.19	23.19	
15	QPSK	36	0	23.57	23.54	23.47	23.60	
15	QPSK	36	20	23.52	23.43	23.32	23.51	
15	QPSK	36	39	23.45	23.43	23.34	23.37	
15	QPSK	75	0	23.45	23.46	23.39	23.52	
15	16QAM	1	0	23.52	23.54	23.51	23.53	
15	16QAM	1	37	23.31	23.36	23.28	23.38	
15	16QAM	1	74	23.42	23.20	23.25	23.34	
15	16QAM	36	0	22.47	22.48	22.37	22.43	
15	16QAM	36	20	22.48	22.43	22.38	22.39	
15	16QAM	36	39	22.41	22.34	22.30	22.37	
15	16QAM	75	0	22.47	22.36	22.33	22.41	
15	64QAM	1	0	22.50	22.45	22.37	22.46	
15	64QAM	1	37	22.26	22.10	22.12	22.18	
15	64QAM	1	74	22.28	22.15	22.09	22.14	
15	64QAM	36	0	21.46	21.41	21.47	21.50	
15	64QAM	36	20	21.44	21.42	21.38	21.40	
15	64QAM	36	39	21.49	21.38	21.34	21.33	



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15	64QAM	75	0	21.48	21.32	21.29	21.37	
15	256QAM	1	0	19.36	19.29	19.34	19.39	20.3
15	256QAM	1	37	19.12	19.27	19.34	19.22	
15	256QAM	1	74	19.14	19.26	19.03	19.14	
15	256QAM	36	0	19.43	19.36	19.31	19.37	20.3
15	256QAM	36	20	19.33	19.54	19.33	19.38	
15	256QAM	36	39	19.50	19.46	19.39	19.39	
15	256QAM	75	0	19.24	19.41	19.40	19.36	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.59	23.48	23.31	23.62	24.3
10	QPSK	1	25	23.41	23.29	23.15	23.24	
10	QPSK	1	49	23.47	23.29	23.17	23.16	
10	QPSK	25	0	23.59	23.48	23.43	23.55	24.3
10	QPSK	25	12	23.54	23.47	23.41	23.44	
10	QPSK	25	25	23.50	23.39	23.31	23.31	
10	QPSK	50	0	23.47	23.37	23.35	23.52	
10	16QAM	1	0	23.53	23.59	23.53	23.52	24.3
10	16QAM	1	25	23.33	23.37	23.24	23.36	
10	16QAM	1	49	23.37	23.22	23.24	23.27	
10	16QAM	25	0	22.53	22.48	22.46	22.48	23.3
10	16QAM	25	12	22.50	22.36	22.41	22.37	
10	16QAM	25	25	22.44	22.36	22.35	22.29	
10	16QAM	50	0	22.40	22.32	22.29	22.38	
10	64QAM	1	0	22.51	22.42	22.40	22.45	23.3
10	64QAM	1	25	22.28	22.16	22.15	22.17	
10	64QAM	1	49	22.24	22.13	22.14	22.18	
10	64QAM	25	0	21.47	21.45	21.43	21.49	22.3
10	64QAM	25	12	21.48	21.37	21.35	21.38	
10	64QAM	25	25	21.49	21.28	21.36	21.27	
10	64QAM	50	0	21.42	21.28	21.30	21.35	
10	256QAM	1	0	19.39	19.25	19.28	19.38	20.3
10	256QAM	1	25	19.19	19.27	19.30	19.25	
10	256QAM	1	49	19.18	19.24	19.12	19.12	
10	256QAM	25	0	19.48	19.39	19.30	19.38	20.3
10	256QAM	25	12	19.37	19.44	19.37	19.30	
10	256QAM	25	25	19.45	19.47	19.33	19.45	
10	256QAM	50	0	19.25	19.43	19.43	19.34	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.66	23.54	23.40	23.62	24.3
5	QPSK	1	12	23.43	23.29	23.14	23.30	
5	QPSK	1	24	23.44	23.31	23.21	23.24	
5	QPSK	12	0	23.58	23.49	23.39	23.58	24.3
5	QPSK	12	7	23.51	23.40	23.40	23.52	
5	QPSK	12	13	23.48	23.39	23.32	23.34	
5	QPSK	25	0	23.45	23.36	23.39	23.55	
5	16QAM	1	0	23.53	23.59	23.53	23.62	24.3
5	16QAM	1	12	23.33	23.32	23.21	23.33	
5	16QAM	1	24	23.36	23.21	23.23	23.24	
5	16QAM	12	0	22.55	22.42	22.36	22.51	23.3
5	16QAM	12	7	22.54	22.45	22.34	22.38	
5	16QAM	12	13	22.42	22.34	22.34	22.30	
5	16QAM	25	0	22.40	22.39	22.37	22.42	
5	64QAM	1	0	22.51	22.42	22.44	22.44	23.3
5	64QAM	1	12	22.29	22.14	22.15	22.22	





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5	64QAM	1	24	22.22	22.17	22.07	22.21	
5	64QAM	12	0	21.51	21.46	21.42	21.47	22.3
5	64QAM	12	7	21.52	21.41	21.36	21.32	
5	64QAM	12	13	21.48	21.38	21.30	21.33	
5	64QAM	25	0	21.40	21.32	21.34	21.38	
5	256QAM	1	0	19.31	19.25	19.31	19.33	20.3
5	256QAM	1	12	19.21	19.25	19.30	19.20	
5	256QAM	1	24	19.19	19.18	19.08	19.20	
5	256QAM	12	0	19.45	19.37	19.36	19.36	20.3
5	256QAM	12	7	19.33	19.47	19.35	19.35	
5	256QAM	12	13	19.42	19.41	19.41	19.44	
5	256QAM	25	0	19.16	19.48	19.43	19.32	



TDD LTE Band 48\_(Index 1/2/3/4/5/6)

				Ant 7				Tune-up limit (dBm)	
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.		
Channel				55340	55830	56150	56640		
Frequency (MHz)				3560	3609	3641	3690	24.8	
20	QPSK	1	0	23.15	23.41	23.59	23.88		24.8
20	QPSK	1	49	22.97	23.21	23.37	23.66		
20	QPSK	1	99	23.00	23.22	23.34	23.61		
20	QPSK	50	0	22.10	22.37	22.55	22.82	23.8	
20	QPSK	50	24	22.05	22.34	22.48	22.61		
20	QPSK	50	50	22.01	22.26	22.42	22.62		
20	QPSK	100	0	22.03	22.28	22.45	22.76	23.8	
20	16QAM	1	0	22.24	22.42	22.61	22.83		
20	16QAM	1	49	22.00	22.23	22.41	22.52		
20	16QAM	1	99	22.01	22.17	22.40	22.51	22.8	
20	16QAM	50	0	21.05	21.36	21.50	21.79		
20	16QAM	50	24	21.03	21.32	21.41	21.50		
20	16QAM	50	50	20.96	21.24	21.36	21.51	22.8	
20	16QAM	100	0	21.01	21.28	21.46	21.70		
20	64QAM	1	0	21.04	21.28	21.33	21.54		
20	64QAM	1	49	20.85	21.07	21.18	21.23	22.8	
20	64QAM	1	99	20.86	21.05	21.11	21.21		
20	64QAM	50	0	20.06	20.32	20.47	20.76		
20	64QAM	50	24	20.00	20.25	20.44	20.52	21.8	
20	64QAM	50	50	19.94	20.21	20.35	20.52		
20	64QAM	100	0	19.99	20.22	20.37	20.66		
20	256QAM	1	0	18.08	18.30	18.36	18.59	19.8	
20	256QAM	1	49	17.95	18.15	18.23	18.26		
20	256QAM	1	99	17.86	18.15	18.20	18.31		
20	256QAM	50	0	18.07	18.36	18.48	18.82	19.8	
20	256QAM	50	24	18.07	18.35	18.52	18.57		
20	256QAM	50	50	17.99	18.28	18.38	18.57		
20	256QAM	100	0	18.03	18.26	18.42	18.70	19.8	
Channel				55315	55820	56160	56665		Tune-up limit (dBm)
Frequency (MHz)				3557.5	3608	3642	3692.5		
15	QPSK	1	0	23.05	23.37	23.53	23.85	24.8	
15	QPSK	1	37	22.96	23.11	23.37	23.64		
15	QPSK	1	74	22.94	23.13	23.28	23.55		
15	QPSK	36	0	22.08	22.33	22.47	22.74	23.8	
15	QPSK	36	20	22.04	22.31	22.46	22.53		
15	QPSK	36	39	21.91	22.24	22.33	22.55		
15	QPSK	75	0	22.01	22.25	22.36	22.69	23.8	
15	16QAM	1	0	22.14	22.33	22.58	22.73		
15	16QAM	1	37	21.97	22.16	22.34	22.48		
15	16QAM	1	74	21.96	22.09	22.36	22.43	22.8	
15	16QAM	36	0	20.99	21.36	21.45	21.75		
15	16QAM	36	20	21.00	21.25	21.34	21.48		
15	16QAM	36	39	20.90	21.19	21.36	21.45	22.8	
15	16QAM	75	0	20.98	21.22	21.40	21.70		
15	64QAM	1	0	20.99	21.18	21.23	21.45		
15	64QAM	1	37	20.82	21.06	21.11	21.21	22.8	
15	64QAM	1	74	20.83	21.03	21.02	21.20		
15	64QAM	36	0	19.96	20.26	20.37	20.67		
15	64QAM	36	20	19.97	20.18	20.42	20.47	21.8	
15	64QAM	36	39	19.87	20.14	20.26	20.47		



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15	64QAM	75	0	19.98	20.22	20.37	20.57	
15	256QAM	1	0	18.04	18.21	18.32	18.49	19.8
15	256QAM	1	37	17.90	18.15	18.17	18.16	
15	256QAM	1	74	17.78	18.11	18.19	18.29	
15	256QAM	36	0	17.97	18.35	18.39	18.75	19.8
15	256QAM	36	20	17.98	18.35	18.42	18.57	
15	256QAM	36	39	17.99	18.26	18.32	18.48	
15	256QAM	75	0	17.95	18.22	18.34	18.62	
Channel				55290	55815	56165	56690	Tune-up limit (dBm)
Frequency (MHz)				3555	3607.5	3642.5	3695	
10	QPSK	1	0	23.05	23.32	23.52	23.85	24.8
10	QPSK	1	25	22.97	23.12	23.28	23.58	
10	QPSK	1	49	22.99	23.13	23.32	23.55	
10	QPSK	25	0	22.00	22.33	22.45	22.78	23.8
10	QPSK	25	12	21.99	22.32	22.43	22.57	
10	QPSK	25	25	21.96	22.20	22.35	22.58	
10	QPSK	50	0	22.00	22.28	22.35	22.70	
10	16QAM	1	0	22.15	22.34	22.53	22.74	23.8
10	16QAM	1	25	21.95	22.21	22.34	22.50	
10	16QAM	1	49	21.91	22.11	22.35	22.45	
10	16QAM	25	0	20.96	21.34	21.45	21.72	22.8
10	16QAM	25	12	20.95	21.27	21.35	21.41	
10	16QAM	25	25	20.92	21.24	21.27	21.43	
10	16QAM	50	0	20.93	21.24	21.43	21.66	
10	64QAM	1	0	21.04	21.19	21.27	21.48	22.8
10	64QAM	1	25	20.81	21.00	21.14	21.19	
10	64QAM	1	49	20.85	21.03	21.10	21.16	
10	64QAM	25	0	20.06	20.31	20.43	20.67	21.8
10	64QAM	25	12	19.99	20.22	20.43	20.51	
10	64QAM	25	25	19.90	20.12	20.30	20.48	
10	64QAM	50	0	19.91	20.16	20.28	20.64	
10	256QAM	1	0	18.02	18.24	18.29	18.54	19.8
10	256QAM	1	25	17.92	18.14	18.22	18.25	
10	256QAM	1	49	17.83	18.07	18.18	18.22	
10	256QAM	25	0	18.03	18.31	18.38	18.79	19.8
10	256QAM	25	12	17.98	18.34	18.48	18.57	
10	256QAM	25	25	17.90	18.27	18.29	18.53	
10	256QAM	50	0	18.03	18.19	18.38	18.62	
Channel				55265	55810	56170	56715	Tune-up limit (dBm)
Frequency (MHz)				3552.5	3607	3643	3697.5	
5	QPSK	1	0	23.06	23.36	23.57	23.81	24.8
5	QPSK	1	12	22.91	23.12	23.27	23.61	
5	QPSK	1	24	22.92	23.14	23.33	23.57	
5	QPSK	12	0	22.09	22.28	22.45	22.74	23.8
5	QPSK	12	7	21.99	22.24	22.39	22.55	
5	QPSK	12	13	21.96	22.22	22.38	22.52	
5	QPSK	25	0	21.95	22.25	22.43	22.74	
5	16QAM	1	0	22.19	22.39	22.58	22.77	23.8
5	16QAM	1	12	21.96	22.19	22.37	22.49	
5	16QAM	1	24	22.01	22.09	22.33	22.49	
5	16QAM	12	0	21.05	21.31	21.50	21.76	22.8
5	16QAM	12	7	20.99	21.32	21.37	21.50	
5	16QAM	12	13	20.90	21.15	21.35	21.48	
5	16QAM	25	0	20.98	21.22	21.39	21.60	
5	64QAM	1	0	20.98	21.21	21.30	21.44	22.8
5	64QAM	1	12	20.83	21.05	21.09	21.13	



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5	64QAM	1	24	20.84	20.95	21.05	21.15	21.8
5	64QAM	12	0	19.98	20.27	20.39	20.71	
5	64QAM	12	7	19.98	20.25	20.42	20.45	
5	64QAM	12	13	19.93	20.16	20.33	20.44	
5	64QAM	25	0	19.92	20.17	20.29	20.61	
5	256QAM	1	0	17.99	18.25	18.36	18.55	19.8
5	256QAM	1	12	17.85	18.14	18.19	18.23	
5	256QAM	1	24	17.84	18.11	18.17	18.31	
5	256QAM	12	0	18.06	18.36	18.48	18.82	19.8
5	256QAM	12	7	18.05	18.32	18.44	18.50	
5	256QAM	12	13	17.89	18.28	18.30	18.57	
5	256QAM	25	0	18.00	18.26	18.35	18.69	



**FR1-FDD n2\_(Index 1/2)**

Ant 2							
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	24.39	24.33	24.50	
20	PI/2 BPSK	1	53	24.46	24.46	24.55	25.4
20	PI/2 BPSK	1	104	24.31	24.34	24.19	24.9
20	PI/2 BPSK	50	0	24.32	24.35	24.35	
20	PI/2 BPSK	50	28	24.34	24.39	24.39	25.4
20	PI/2 BPSK	50	56	24.30	24.39	24.32	24.9
20	PI/2 BPSK	100	0	24.22	24.36	24.38	
20	QPSK	1	1	24.37	24.35	24.46	25.4
20	QPSK	1	53	24.39	24.45	24.45	
20	QPSK	1	104	24.28	24.36	24.23	
20	QPSK	50	0	22.41	22.45	22.47	23.1
20	QPSK	50	28	24.35	24.38	24.37	25.4
20	QPSK	50	56	22.40	22.48	22.42	23.1
20	QPSK	100	0	22.40	22.45	22.47	
20	16QAM	1	1	24.05	23.92	24.15	24.4
20	64QAM	1	1	22.55	22.41	22.59	22.9
20	256QAM	1	1	18.91	18.97	19.04	19.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.27	24.34	24.35	25.4
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.19	24.28	24.24	25.4
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.27	24.30	24.09	25.4



FR1-FDD n2\_(Index 3)

Ant 2							
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	24.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.39	24.33	24.50	
20	PI/2 BPSK	1	53	24.46	24.46	24.55	24.8
20	PI/2 BPSK	1	104	24.31	24.34	24.19	
20	PI/2 BPSK	50	0	24.32	24.35	24.35	
20	PI/2 BPSK	50	28	24.34	24.40	24.39	24.8
20	PI/2 BPSK	50	56	24.30	24.39	24.32	24.8
20	PI/2 BPSK	100	0	24.22	24.36	24.38	
20	QPSK	1	1	24.37	24.35	24.46	
20	QPSK	1	53	24.39	24.45	24.45	24.8
20	QPSK	1	104	24.28	24.36	24.23	
20	QPSK	50	0	22.41	22.45	22.47	
20	QPSK	50	28	24.35	24.38	24.37	24.8
20	QPSK	50	56	22.40	22.48	22.42	22.8
20	QPSK	100	0	22.40	22.45	22.47	
20	16QAM	1	1	24.05	23.92	24.15	
20	64QAM	1	1	22.55	22.41	22.59	22.8
20	256QAM	1	1	18.91	18.97	19.04	19.3
Channel				371500	376000	380500	24.8
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.27	24.34	24.35	
Channel				371000	376000	381000	24.8
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.19	24.28	24.24	
Channel				370500	376000	381500	24.8
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.27	24.30	24.09	



**FR1-FDD n2\_(Index 4/6)**

Ant 2							
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	23.3
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.17	22.25	22.24	
20	PI/2 BPSK	1	53	22.31	22.40	22.31	23.3
20	PI/2 BPSK	1	104	22.19	22.27	22.20	
20	PI/2 BPSK	50	0	22.27	22.27	22.26	23.3
20	PI/2 BPSK	50	28	22.28	22.32	22.30	23.3
20	PI/2 BPSK	50	56	22.22	22.31	22.26	23.3
20	PI/2 BPSK	100	0	22.23	22.32	22.30	
20	QPSK	1	1	22.20	22.29	22.27	23.3
20	QPSK	1	53	22.34	22.39	22.29	
20	QPSK	1	104	22.31	22.32	22.28	
20	QPSK	50	0	22.29	22.33	22.28	23.3
20	QPSK	50	28	22.27	22.37	22.30	23.3
20	QPSK	50	56	22.31	22.37	22.34	23.3
20	QPSK	100	0	22.33	22.37	22.36	
20	16QAM	1	1	22.38	22.39	22.29	23.3
20	64QAM	1	1	22.31	22.38	22.36	23.3
20	256QAM	1	1	18.94	19.03	19.03	19.3
Channel				371500	376000	380500	23.3
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.11	22.22	22.22	23.3
Channel				371000	376000	381000	23.3
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.16	22.21	22.19	23.3
Channel				370500	376000	381500	23.3
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.13	22.15	22.14	23.3



FR1-FDD n2\_(Index 5)

Ant 2							
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	23.44	23.47	23.39	
20	PI/2 BPSK	1	53	23.48	23.61	23.47	24.5
20	PI/2 BPSK	1	104	23.14	23.17	23.19	
20	PI/2 BPSK	50	0	23.40	23.37	23.37	
20	PI/2 BPSK	50	28	23.43	23.53	23.42	24.5
20	PI/2 BPSK	50	56	23.14	23.26	23.24	24.5
20	PI/2 BPSK	100	0	23.35	23.36	23.32	
20	QPSK	1	1	23.33	23.35	23.36	
20	QPSK	1	53	23.42	23.42	23.41	24.5
20	QPSK	1	104	23.02	23.14	23.07	
20	QPSK	50	0	22.45	22.49	22.45	
20	QPSK	50	28	23.37	23.40	23.33	24.5
20	QPSK	50	56	22.51	22.52	22.42	23.0
20	QPSK	100	0	22.43	22.51	22.45	
20	16QAM	1	1	23.36	23.44	23.41	
20	64QAM	1	1	22.39	22.45	22.36	22.5
20	256QAM	1	1	18.81	18.85	18.78	19.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.38	23.37	23.37	24.5
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.35	23.45	23.39	24.5
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.37	23.43	23.38	24.5





FR1-FDD n2\_ (Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.12	24.15	24.14	
20	PI/2 BPSK	1	53	24.29	24.30	24.20	25.2
20	PI/2 BPSK	1	104	24.17	24.17	24.11	24.7
20	PI/2 BPSK	50	0	23.62	23.66	23.66	
20	PI/2 BPSK	50	28	24.12	24.19	24.09	25.2
20	PI/2 BPSK	50	56	23.61	23.68	23.58	24.7
20	PI/2 BPSK	100	0	23.58	23.67	23.63	
20	QPSK	1	1	24.12	24.13	24.07	25.2
20	QPSK	1	53	24.27	24.28	24.23	
20	QPSK	1	104	24.16	24.16	24.08	
20	QPSK	50	0	21.54	21.59	21.56	22.3
20	QPSK	50	28	24.15	24.15	24.05	25.2
20	QPSK	50	56	21.58	21.63	21.57	22.3
20	QPSK	100	0	21.53	21.60	21.58	
20	16QAM	1	1	22.97	23.02	23.00	24.2
20	64QAM	1	1	21.35	21.41	21.37	22.7
20	256QAM	1	1	17.87	17.91	17.83	18.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.11	24.14	24.11	25.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.03	24.09	24.13	25.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.12	24.07	24.06	25.2



FR1-FDD n2\_ (Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	18.9
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.40	18.46	18.39	
20	PI/2 BPSK	1	53	18.38	18.54	18.38	18.9
20	PI/2 BPSK	1	104	18.04	18.09	18.11	
20	PI/2 BPSK	50	0	18.32	18.40	18.29	
20	PI/2 BPSK	50	28	18.29	18.41	18.26	18.9
20	PI/2 BPSK	50	56	18.18	18.29	18.18	18.9
20	PI/2 BPSK	100	0	18.22	18.28	18.24	
20	QPSK	1	1	18.39	18.36	18.34	
20	QPSK	1	53	18.21	18.34	18.22	18.9
20	QPSK	1	104	18.09	18.15	18.15	
20	QPSK	50	0	18.31	18.35	18.34	
20	QPSK	50	28	18.31	18.34	18.26	18.9
20	QPSK	50	56	18.20	18.23	18.20	18.9
20	QPSK	100	0	18.28	18.37	18.34	
20	16QAM	1	1	18.48	18.53	18.54	
20	64QAM	1	1	18.36	18.50	18.35	18.9
20	256QAM	1	1	18.27	18.28	18.23	18.4
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.35	18.43	18.40	18.9
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.39	18.43	18.40	18.9
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.36	18.40	18.40	18.9



FR1-FDD n2\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	20.3
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.33	19.35	19.31	
20	PI/2 BPSK	1	53	19.28	19.38	19.28	20.3
20	PI/2 BPSK	1	104	19.17	19.21	19.18	
20	PI/2 BPSK	50	0	19.23	19.32	19.25	
20	PI/2 BPSK	50	28	19.37	19.38	19.32	20.3
20	PI/2 BPSK	50	56	19.22	19.25	19.18	20.3
20	PI/2 BPSK	100	0	19.22	19.30	19.26	
20	QPSK	1	1	19.27	19.33	19.33	
20	QPSK	1	53	19.28	19.36	19.35	20.3
20	QPSK	1	104	19.14	19.24	19.24	
20	QPSK	50	0	19.34	19.37	19.31	
20	QPSK	50	28	19.31	19.32	19.25	20.3
20	QPSK	50	56	19.19	19.29	19.23	20.3
20	QPSK	100	0	19.29	19.34	19.29	
20	16QAM	1	1	19.21	19.30	19.23	
20	64QAM	1	1	19.25	19.31	19.24	20.3
20	256QAM	1	1	18.06	18.08	18.02	18.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.31	19.34	19.26	20.3
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.33	19.34	19.23	20.3
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.23	19.25	19.31	20.3



FR1-FDD n2\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	19.1
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	18.40	18.46	18.39	
20	PI/2 BPSK	1	53	18.38	18.54	18.38	19.1
20	PI/2 BPSK	1	104	18.04	18.09	18.11	
20	PI/2 BPSK	50	0	18.32	18.40	18.29	
20	PI/2 BPSK	50	28	18.29	18.41	18.26	19.1
20	PI/2 BPSK	50	56	18.18	18.29	18.18	
20	PI/2 BPSK	100	0	18.22	18.28	18.24	
20	QPSK	1	1	18.39	18.36	18.34	19.1
20	QPSK	1	53	18.21	18.34	18.22	
20	QPSK	1	104	18.09	18.15	18.15	
20	QPSK	50	0	18.31	18.35	18.34	19.1
20	QPSK	50	28	18.31	18.34	18.26	
20	QPSK	50	56	18.20	18.23	18.20	
20	QPSK	100	0	18.28	18.37	18.34	19.1
20	16QAM	1	1	18.48	18.53	18.54	
20	64QAM	1	1	18.36	18.50	18.35	
20	256QAM	1	1	18.27	18.28	18.23	18.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	18.35	18.43	18.40	19.1
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	18.39	18.43	18.40	19.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	18.36	18.40	18.40	19.1



FR1-FDD n2\_ Sub (Index 1)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	24.42	24.49	24.52	
20	PI/2 BPSK	1	53	24.61	24.65	24.62	25.4
20	PI/2 BPSK	1	104	24.49	24.41	24.43	
20	PI/2 BPSK	50	0	23.94	23.97	23.98	
20	PI/2 BPSK	50	28	24.45	24.52	24.49	25.4
20	PI/2 BPSK	50	56	23.91	23.95	23.95	24.9
20	PI/2 BPSK	100	0	23.92	23.97	23.94	
20	QPSK	1	1	24.37	24.47	24.50	
20	QPSK	1	53	24.46	24.55	24.52	25.4
20	QPSK	1	104	24.36	24.40	24.46	
20	QPSK	50	0	21.87	21.95	21.94	
20	QPSK	50	28	24.39	24.49	24.48	25.4
20	QPSK	50	56	21.86	21.92	21.91	23.1
20	QPSK	100	0	21.85	21.94	21.94	
20	16QAM	1	1	23.45	23.53	23.53	
20	64QAM	1	1	21.98	21.97	21.99	22.9
20	256QAM	1	1	18.24	18.47	18.46	19.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	24.43	24.51	24.53	25.4
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	24.45	24.64	24.54	25.4
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	24.49	24.55	24.55	25.4



**FR1-FDD n2\_ Sub (Index 2)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	17.0
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	15.93	16.02	15.94	
20	PI/2 BPSK	1	53	16.01	16.10	16.02	17.0
20	PI/2 BPSK	1	104	15.75	15.83	15.79	
20	PI/2 BPSK	50	0	15.80	15.90	15.90	
20	PI/2 BPSK	50	28	15.83	15.92	15.91	17.0
20	PI/2 BPSK	50	56	15.74	15.79	15.71	
20	PI/2 BPSK	100	0	15.79	15.87	15.85	
20	QPSK	1	1	15.94	16.02	15.94	17.0
20	QPSK	1	53	15.99	16.00	16.00	
20	QPSK	1	104	15.71	15.75	15.71	
20	QPSK	50	0	15.86	15.88	15.86	17.0
20	QPSK	50	28	15.89	15.91	15.89	
20	QPSK	50	56	15.64	15.74	15.71	
20	QPSK	100	0	15.83	15.83	15.77	17.0
20	16QAM	1	1	15.91	15.95	15.90	
20	64QAM	1	1	15.87	15.97	15.87	
20	256QAM	1	1	15.95	15.96	15.94	17.0
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	15.88	16.02	15.84	17.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	15.86	15.93	15.85	17.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	15.85	15.93	15.84	17.0



FR1-FDD n2\_ Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	15.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	14.85	14.94	14.91	
20	PI/2 BPSK	1	53	15.01	15.06	14.98	15.8
20	PI/2 BPSK	1	104	14.76	14.81	14.72	
20	PI/2 BPSK	50	0	14.81	14.87	14.80	
20	PI/2 BPSK	50	28	14.86	14.91	14.81	15.8
20	PI/2 BPSK	50	56	14.74	14.80	14.73	
20	PI/2 BPSK	100	0	14.79	14.87	14.86	
20	QPSK	1	1	14.83	14.87	14.78	15.8
20	QPSK	1	53	14.94	15.00	14.99	
20	QPSK	1	104	14.61	14.71	14.66	
20	QPSK	50	0	14.85	14.87	14.83	15.8
20	QPSK	50	28	14.77	14.84	14.80	
20	QPSK	50	56	14.67	14.76	14.71	
20	QPSK	100	0	14.78	14.84	14.77	15.8
20	16QAM	1	1	14.87	14.92	14.84	
20	64QAM	1	1	14.92	14.95	14.89	
20	256QAM	1	1	14.57	14.66	14.61	15.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	14.84	14.85	14.82	15.8
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	14.78	14.91	14.83	15.8
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	14.76	14.93	14.84	15.8



**FR1-FDD n2\_ Sub (Index 4)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	19.81	19.83	19.81	
20	PI/2 BPSK	1	53	20.06	20.07	20.05	20.4
20	PI/2 BPSK	1	104	19.72	19.75	19.68	20.4
20	PI/2 BPSK	50	0	19.78	19.83	19.83	
20	PI/2 BPSK	50	28	19.75	19.85	19.81	20.4
20	PI/2 BPSK	50	56	19.79	19.79	19.76	20.4
20	PI/2 BPSK	100	0	19.82	19.84	19.78	
20	QPSK	1	1	19.71	19.73	19.69	20.4
20	QPSK	1	53	19.91	19.92	19.90	
20	QPSK	1	104	19.67	19.73	19.66	
20	QPSK	50	0	19.69	19.74	19.69	20.4
20	QPSK	50	28	19.80	19.84	19.78	20.4
20	QPSK	50	56	19.66	19.73	19.70	20.4
20	QPSK	100	0	19.74	19.76	19.74	20.4
20	16QAM	1	1	19.85	19.94	19.90	20.4
20	64QAM	1	1	19.92	19.95	19.94	20.4
20	256QAM	1	1	18.41	18.42	18.37	19.4
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	19.73	19.74	19.79	20.4
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	19.71	19.78	19.71	20.4
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	19.81	19.83	19.75	20.4





**FR1-FDD n2\_ Sub (Index 5)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.01	22.04	22.04	
20	PI/2 BPSK	1	53	22.05	22.14	22.06	23.0
20	PI/2 BPSK	1	104	21.85	21.89	21.87	
20	PI/2 BPSK	50	0	21.89	21.94	21.84	
20	PI/2 BPSK	50	28	21.93	21.95	21.86	23.0
20	PI/2 BPSK	50	56	21.89	21.89	21.83	23.0
20	PI/2 BPSK	100	0	21.87	21.90	21.80	
20	QPSK	1	1	21.87	21.89	21.89	
20	QPSK	1	53	21.97	22.01	21.95	23.0
20	QPSK	1	104	21.78	21.79	21.79	
20	QPSK	50	0	21.87	21.89	21.85	
20	QPSK	50	28	21.89	21.92	21.86	23.0
20	QPSK	50	56	21.80	21.86	21.81	23.0
20	QPSK	100	0	21.86	21.92	21.92	
20	16QAM	1	1	21.88	21.94	21.87	
20	64QAM	1	1	21.86	21.93	21.88	22.0
20	256QAM	1	1	18.38	18.48	18.44	19.5
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.96	21.98	22.00	23.0
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.00	21.96	21.95	23.0
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.99	21.97	21.98	23.0



FR1-FDD n2\_ Sub (Index 6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				372000	376000	380000	21.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.96	21.06	21.03	
20	PI/2 BPSK	1	53	21.11	21.18	21.14	21.8
20	PI/2 BPSK	1	104	20.86	20.90	20.86	
20	PI/2 BPSK	50	0	20.90	20.93	20.88	
20	PI/2 BPSK	50	28	20.91	20.94	20.87	21.8
20	PI/2 BPSK	50	56	20.81	20.85	20.77	
20	PI/2 BPSK	100	0	20.85	20.91	20.86	
20	QPSK	1	1	20.86	20.87	20.83	21.8
20	QPSK	1	53	20.90	20.92	20.82	
20	QPSK	1	104	20.66	20.76	20.67	
20	QPSK	50	0	20.81	20.89	20.82	21.8
20	QPSK	50	28	20.82	20.88	20.81	
20	QPSK	50	56	20.75	20.82	20.79	
20	QPSK	100	0	20.86	20.87	20.87	21.8
20	16QAM	1	1	20.87	20.96	20.88	
20	64QAM	1	1	20.83	20.88	20.86	
20	256QAM	1	1	18.59	18.69	18.63	19.3
Channel				371500	376000	380500	21.8
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.90	20.97	20.98	21.8
Channel				371000	376000	381000	
Frequency (MHz)				1855	1880	1905	21.8
10	PI/2 BPSK	1	1	20.95	20.98	21.02	
Channel				370500	376000	381500	21.8
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.91	20.98	21.03	21.8
Channel				370000	376000	381000	
Frequency (MHz)				1850	1880	1900	



**FR1-FDD n2\_ Sub (Index 1/5/6)**

Ant 5							
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	23.72	23.85	23.81	
20	PI/2 BPSK	1	53	23.87	23.96	23.87	25.2
20	PI/2 BPSK	1	104	23.72	23.75	23.74	24.7
20	PI/2 BPSK	50	0	23.21	23.30	23.25	
20	PI/2 BPSK	50	28	23.74	23.83	23.77	25.2
20	PI/2 BPSK	50	56	23.24	23.26	23.22	24.7
20	PI/2 BPSK	100	0	23.21	23.31	23.24	
20	QPSK	1	1	23.69	23.80	23.77	25.2
20	QPSK	1	53	23.81	23.90	23.81	
20	QPSK	1	104	23.72	23.72	23.71	
20	QPSK	50	0	21.20	21.30	21.24	22.3
20	QPSK	50	28	23.76	23.84	23.74	25.2
20	QPSK	50	56	21.22	21.25	21.21	22.3
20	QPSK	100	0	21.20	21.30	21.22	
20	16QAM	1	1	22.78	22.86	22.84	24.2
20	64QAM	1	1	21.26	21.26	21.35	22.7
20	256QAM	1	1	17.71	17.91	17.60	18.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	23.74	23.85	23.83	25.2
Channel				371000	376000	381000	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	23.85	23.84	23.77	25.2
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	23.90	23.93	23.85	25.2



**FR1-FDD n2\_ Sub (Index 2)**

Ant 5							
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	22.3
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	21.57	21.67	21.58	
20	PI/2 BPSK	1	53	21.67	21.68	21.61	22.3
20	PI/2 BPSK	1	104	21.27	21.33	21.24	
20	PI/2 BPSK	50	0	21.45	21.55	21.45	
20	PI/2 BPSK	50	28	21.52	21.56	21.53	22.3
20	PI/2 BPSK	50	56	21.31	21.37	21.27	
20	PI/2 BPSK	100	0	21.41	21.45	21.36	
20	QPSK	1	1	21.49	21.53	21.46	22.3
20	QPSK	1	53	21.46	21.52	21.52	
20	QPSK	1	104	21.20	21.26	21.19	
20	QPSK	50	0	21.52	21.52	21.50	22.3
20	QPSK	50	28	21.35	21.42	21.40	
20	QPSK	50	56	21.31	21.35	21.34	
20	QPSK	100	0	21.42	21.44	21.44	22.3
20	16QAM	1	1	21.60	21.62	21.53	
20	64QAM	1	1	21.53	21.61	21.55	
20	256QAM	1	1	18.23	18.26	18.20	18.8
Channel				371500	376000	380500	22.3
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	21.57	21.59	21.53	
Channel							22.3
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	21.47	21.63	21.53	
Channel				370500	376000	381500	22.3
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	21.56	21.66	21.50	



FR1-FDD n2\_ Sub (Index 3)

Ant 5							
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	21.1
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	20.61	20.68	20.59	
20	PI/2 BPSK	1	53	20.67	20.69	20.62	21.1
20	PI/2 BPSK	1	104	20.32	20.35	20.26	
20	PI/2 BPSK	50	0	20.49	20.54	20.52	
20	PI/2 BPSK	50	28	20.46	20.55	20.54	21.1
20	PI/2 BPSK	50	56	20.31	20.37	20.32	21.1
20	PI/2 BPSK	100	0	20.43	20.47	20.40	
20	QPSK	1	1	20.48	20.58	20.50	
20	QPSK	1	53	20.47	20.49	20.45	21.1
20	QPSK	1	104	20.24	20.28	20.21	
20	QPSK	50	0	20.49	20.52	20.43	
20	QPSK	50	28	20.44	20.46	20.45	21.1
20	QPSK	50	56	20.32	20.38	20.30	21.1
20	QPSK	100	0	20.36	20.42	20.37	
20	16QAM	1	1	20.57	20.66	20.66	
20	64QAM	1	1	20.44	20.51	20.46	21.1
20	256QAM	1	1	18.28	18.28	18.28	18.6
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	20.60	20.65	20.50	21.1
Channel							Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	20.55	20.58	20.51	21.1
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	20.54	20.62	20.57	21.1



FR1-FDD n2\_ Sub (Index 4)

Ant 5							
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	23.8
Frequency (MHz)				1860	1880	1900	
20	PI/2 BPSK	1	1	22.76	22.77	22.73	
20	PI/2 BPSK	1	53	22.78	22.80	22.76	23.8
20	PI/2 BPSK	1	104	22.29	22.38	22.28	
20	PI/2 BPSK	50	0	22.48	22.57	22.53	
20	PI/2 BPSK	50	28	22.56	22.58	22.57	23.8
20	PI/2 BPSK	50	56	22.35	22.41	22.40	
20	PI/2 BPSK	100	0	22.48	22.49	22.45	
20	QPSK	1	1	22.49	22.56	22.55	23.8
20	QPSK	1	53	22.50	22.50	22.44	
20	QPSK	1	104	22.30	22.30	22.24	
20	QPSK	50	0	21.50	21.60	21.59	22.3
20	QPSK	50	28	22.38	22.44	22.39	23.8
20	QPSK	50	56	21.40	21.46	21.40	22.3
20	QPSK	100	0	21.55	21.55	21.45	
20	16QAM	1	1	22.56	22.62	22.58	
20	64QAM	1	1	21.51	21.58	21.50	22.3
20	256QAM	1	1	18.26	18.29	18.23	18.8
Channel				371500	376000	380500	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	PI/2 BPSK	1	1	22.74	22.67	22.68	23.8
Channel							Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	PI/2 BPSK	1	1	22.70	22.71	22.65	23.8
Channel				370500	376000	381500	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	PI/2 BPSK	1	1	22.70	22.74	22.65	23.8



FR1-FDD n5\_ (Index 1/2/3/4/5/6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	25.4
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.49	24.51	24.52	
20	PI/2 BPSK	1	53	24.65	24.66	24.68	24.9
20	PI/2 BPSK	1	104	24.55	24.55	24.52	
20	PI/2 BPSK	50	0	24.03	24.03	24.01	
20	PI/2 BPSK	50	28	24.53	24.55	24.56	25.4
20	PI/2 BPSK	50	56	24.03	24.02	24.03	
20	PI/2 BPSK	100	0	24.04	24.03	24.03	
20	QPSK	1	1	24.48	24.50	24.51	24.9
20	QPSK	1	53	24.64	24.64	24.66	
20	QPSK	1	104	24.53	24.54	24.51	
20	QPSK	50	0	22.04	22.05	22.04	25.4
20	QPSK	50	28	24.52	24.53	24.54	
20	QPSK	50	56	22.04	22.03	22.04	
20	QPSK	100	0	22.04	22.03	22.01	23.2
20	16QAM	1	1	22.01	22.03	22.05	
20	64QAM	1	1	20.43	20.45	20.46	
20	256QAM	1	1	18.44	18.45	18.47	19.7
Channel				166300	167300	168300	25.4
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.48	24.48	24.50	25.4
Channel				165800	167300	168800	25.4
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.48	24.50	24.51	25.4
Channel				165300	167300	169300	25.4
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.49	24.51	24.51	25.4



FR1-FDD n5\_ (Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	25.4
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	24.60	24.55	24.60	
20	PI/2 BPSK	1	53	24.67	24.68	24.66	24.9
20	PI/2 BPSK	1	104	24.56	24.53	24.56	
20	PI/2 BPSK	50	0	24.06	24.03	24.07	
20	PI/2 BPSK	50	28	24.57	24.59	24.58	24.9
20	PI/2 BPSK	50	56	24.08	24.07	24.07	
20	PI/2 BPSK	100	0	24.08	24.07	24.08	
20	QPSK	1	1	24.56	24.54	24.54	25.4
20	QPSK	1	53	24.64	24.66	24.60	
20	QPSK	1	104	24.57	24.55	24.55	
20	QPSK	50	0	22.08	22.06	22.07	23.2
20	QPSK	50	28	24.60	24.58	24.60	25.4
20	QPSK	50	56	22.09	22.08	22.07	23.2
20	QPSK	100	0	22.08	22.06	22.09	
20	16QAM	1	1	22.12	22.07	22.19	
20	64QAM	1	1	20.59	20.54	20.62	21.7
20	256QAM	1	1	18.58	18.60	18.59	19.7
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	24.52	24.53	24.50	25.4
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	24.50	24.51	24.52	25.4
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	24.48	24.50	24.49	25.4





FR1-FDD n5\_ (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	24.3
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.98	22.99	22.97	24.3
20	PI/2 BPSK	1	53	22.96	23.07	22.98	
20	PI/2 BPSK	1	104	22.79	22.80	22.76	
20	PI/2 BPSK	50	0	22.91	22.91	22.89	24.3
20	PI/2 BPSK	50	28	22.89	22.92	22.92	24.3
20	PI/2 BPSK	50	56	22.79	22.87	22.77	24.3
20	PI/2 BPSK	100	0	22.90	22.92	22.91	
20	QPSK	1	1	22.91	22.95	22.85	24.3
20	QPSK	1	53	22.94	22.96	22.87	
20	QPSK	1	104	22.75	22.77	22.75	
20	QPSK	50	0	22.08	22.15	22.10	22.8
20	QPSK	50	28	22.93	22.93	22.89	24.3
20	QPSK	50	56	22.03	22.08	21.99	22.8
20	QPSK	100	0	22.03	22.11	22.10	
20	16QAM	1	1	22.28	22.35	22.32	22.8
20	64QAM	1	1	20.70	20.74	20.69	21.3
20	256QAM	1	1	18.73	18.73	18.64	19.3
Channel				166300	167300	168300	24.3
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.92	22.96	22.96	24.3
Channel				165800	167300	168800	24.3
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.94	22.91	22.96	24.3
Channel				165300	167300	169300	24.3
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.96	22.92	22.95	24.3



FR1-FDD n5\_ (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				166800	167300	167800	23.1
Frequency (MHz)				834	836.5	839	
20	PI/2 BPSK	1	1	22.98	22.99	22.97	
20	PI/2 BPSK	1	53	22.96	23.07	22.98	23.1
20	PI/2 BPSK	1	104	22.79	22.80	22.76	
20	PI/2 BPSK	50	0	22.91	22.91	22.89	
20	PI/2 BPSK	50	28	22.89	22.92	22.91	23.1
20	PI/2 BPSK	50	56	22.79	22.87	22.77	
20	PI/2 BPSK	100	0	22.90	22.92	22.91	
20	QPSK	1	1	22.91	22.95	22.85	23.1
20	QPSK	1	53	22.94	22.96	22.87	
20	QPSK	1	104	22.75	22.77	22.75	
20	QPSK	50	0	22.08	22.15	22.10	23.1
20	QPSK	50	28	22.93	22.93	22.89	
20	QPSK	50	56	22.03	22.08	21.99	
20	QPSK	100	0	22.03	22.11	22.10	23.1
20	16QAM	1	1	22.28	22.35	22.32	
20	64QAM	1	1	20.70	20.74	20.69	
20	256QAM	1	1	18.73	18.73	18.64	19.6
Channel				166300	167300	168300	Tune-up limit (dBm)
Frequency (MHz)				831.5	836.5	841.5	
15	PI/2 BPSK	1	1	22.92	22.96	22.96	23.1
Channel				165800	167300	168800	Tune-up limit (dBm)
Frequency (MHz)				829	836.5	844	
10	PI/2 BPSK	1	1	22.94	22.91	22.96	23.1
Channel				165300	167300	169300	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	PI/2 BPSK	1	1	22.96	22.92	22.95	23.1



FR1-FDD n7\_ (Index 1/2/3)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	25.4
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	24.29	24.36	24.27	
50	PI/2 BPSK	1	135	24.27	24.23	24.20	24.9
50	PI/2 BPSK	1	268	24.14	24.20	24.16	
50	PI/2 BPSK	135	0	24.18	24.16	24.16	
50	PI/2 BPSK	135	68	24.09	24.07	24.05	24.9
50	PI/2 BPSK	135	135	24.11	24.06	24.11	
50	PI/2 BPSK	270	0	24.10	24.18	24.15	
50	QPSK	1	1	24.23	24.33	24.27	25.4
50	QPSK	1	135	24.15	24.11	24.07	
50	QPSK	1	268	24.12	24.17	24.11	
50	QPSK	135	0	22.19	22.18	22.15	23.0
50	QPSK	135	68	24.10	24.14	24.05	25.4
50	QPSK	135	135	22.04	22.07	22.12	23.0
50	QPSK	270	0	22.11	22.17	22.13	
50	16QAM	1	1	23.85	23.92	23.80	
50	64QAM	1	1	22.32	22.28	22.32	22.9
50	256QAM	1	1	18.79	18.82	18.84	19.5
Channel				504000	507000	510000	25.4
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	24.27	24.20	24.11	
Channel				503000	507000	511000	25.4
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	24.14	24.20	24.15	
Channel				502500	507000	511500	25.4
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	24.19	24.16	24.10	
Channel				502000	507000	512000	25.4
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	24.22	24.17	24.15	
Channel				501500	507000	512500	25.4
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	24.20	24.17	24.16	
Channel				501000	507000	513000	25.4
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	24.16	24.15	24.17	
Channel				500500	507000	513500	25.4
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	24.17	24.12	24.16	



FR1-FDD n7\_ (Index 4)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	21.6
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	20.45	20.50	20.49	
50	PI/2 BPSK	1	135	20.38	20.43	20.38	21.6
50	PI/2 BPSK	1	268	20.39	20.43	20.38	
50	PI/2 BPSK	135	0	20.31	20.37	20.27	
50	PI/2 BPSK	135	68	20.29	20.38	20.37	21.6
50	PI/2 BPSK	135	135	20.21	20.31	20.22	21.6
50	PI/2 BPSK	270	0	20.35	20.35	20.29	
50	QPSK	1	1	20.43	20.49	20.40	
50	QPSK	1	135	20.30	20.37	20.32	21.6
50	QPSK	1	268	20.32	20.39	20.32	
50	QPSK	135	0	20.32	20.38	20.33	
50	QPSK	135	68	20.33	20.33	20.24	21.6
50	QPSK	135	135	20.30	20.31	20.21	21.6
50	QPSK	270	0	20.34	20.35	20.30	
50	16QAM	1	1	20.38	20.46	20.41	
50	64QAM	1	1	20.39	20.48	20.47	21.6
50	256QAM	1	1	19.00	19.10	19.10	20.6
Channel				504000	507000	510000	21.6
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	20.39	20.44	20.42	
Channel				503000	507000	511000	21.6
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	20.43	20.41	20.39	
Channel				502500	507000	511500	21.6
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	20.42	20.41	20.44	
Channel				502000	507000	512000	21.6
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	20.39	20.49	20.46	
Channel				501500	507000	512500	21.6
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	20.40	20.40	20.39	
Channel				501000	507000	513000	21.6
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	20.43	20.49	20.40	
Channel				500500	507000	513500	21.6
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	20.43	20.43	20.46	



FR1-FDD n7\_ (Index 5)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	24.2
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.44	23.46	23.40	
50	PI/2 BPSK	1	135	23.33	23.33	23.33	24.2
50	PI/2 BPSK	1	268	23.28	23.31	23.29	
50	PI/2 BPSK	135	0	23.16	23.18	23.16	
50	PI/2 BPSK	135	68	23.15	23.20	23.15	24.2
50	PI/2 BPSK	135	135	23.12	23.19	23.16	24.2
50	PI/2 BPSK	270	0	23.16	23.19	23.12	
50	QPSK	1	1	23.45	23.45	23.36	
50	QPSK	1	135	23.27	23.32	23.23	24.2
50	QPSK	1	268	23.17	23.24	23.15	
50	QPSK	135	0	22.20	22.28	22.25	
50	QPSK	135	68	23.08	23.16	23.13	24.2
50	QPSK	135	135	22.20	22.21	22.19	22.7
50	QPSK	270	0	22.23	22.22	22.10	
50	16QAM	1	1	23.40	23.45	23.41	
50	64QAM	1	1	22.36	22.46	22.46	22.7
50	256QAM	1	1	19.03	19.08	19.06	19.2
Channel				504000	507000	510000	24.2
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.41	23.45	23.39	
Channel				503000	507000	511000	24.2
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.38	23.36	23.30	
Channel				502500	507000	511500	24.2
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.40	23.37	23.38	
Channel				502000	507000	512000	24.2
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.36	23.45	23.39	
Channel				501500	507000	512500	24.2
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.42	23.36	23.39	
Channel				501000	507000	513000	24.2
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.34	23.39	23.35	
Channel				500500	507000	513500	24.2
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.34	23.39	23.39	



FR1-FDD n7\_ (Index 6)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	23.0
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	22.43	22.47	22.40	
50	PI/2 BPSK	1	135	22.36	22.40	22.34	23.0
50	PI/2 BPSK	1	268	22.28	22.34	22.27	
50	PI/2 BPSK	135	0	22.20	22.24	22.23	
50	PI/2 BPSK	135	68	22.22	22.25	22.19	23.0
50	PI/2 BPSK	135	135	22.13	22.20	22.20	23.0
50	PI/2 BPSK	270	0	22.23	22.23	22.22	
50	QPSK	1	1	22.38	22.44	22.41	
50	QPSK	1	135	22.34	22.36	22.31	23.0
50	QPSK	1	268	22.24	22.34	22.31	
50	QPSK	135	0	22.05	22.15	22.05	
50	QPSK	135	68	22.18	22.20	22.16	23.0
50	QPSK	135	135	22.09	22.19	22.11	23.0
50	QPSK	270	0	22.09	22.13	22.06	
50	16QAM	1	1	22.36	22.45	22.41	
50	64QAM	1	1	22.36	22.45	22.42	22.5
50	256QAM	1	1	18.94	19.00	18.99	19.5
Channel				504000	507000	510000	23.0
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	22.43	22.44	22.32	
Channel				503000	507000	511000	23.0
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	22.42	22.37	22.40	
Channel				502500	507000	511500	23.0
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	22.36	22.37	22.39	
Channel				502000	507000	512000	23.0
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	22.41	22.41	22.31	
Channel				501500	507000	512500	23.0
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	22.43	22.38	22.30	
Channel				501000	507000	513000	23.0
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	22.37	22.44	22.36	
Channel				500500	507000	513500	23.0
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	22.37	22.40	22.31	



FR1-FDD n7\_ (Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	25.0
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	23.75	23.77	23.67	
50	PI/2 BPSK	1	135	23.69	23.69	23.68	24.5
50	PI/2 BPSK	1	268	23.63	23.68	23.62	
50	PI/2 BPSK	135	0	22.98	23.08	23.03	
50	PI/2 BPSK	135	68	23.54	23.56	23.46	24.5
50	PI/2 BPSK	135	135	23.00	23.07	23.05	
50	PI/2 BPSK	270	0	23.06	23.10	23.02	
50	QPSK	1	1	23.74	23.76	23.74	25.0
50	QPSK	1	135	23.57	23.66	23.59	
50	QPSK	1	268	23.61	23.70	23.69	
50	QPSK	135	0	21.05	21.14	21.09	22.0
50	QPSK	135	68	23.57	23.57	23.47	25.0
50	QPSK	135	135	21.03	21.06	21.06	22.0
50	QPSK	270	0	21.08	21.14	21.05	
50	16QAM	1	1	22.82	22.87	22.81	
50	64QAM	1	1	21.20	21.23	21.14	22.5
50	256QAM	1	1	17.75	17.77	17.74	18.5
Channel				504000	507000	510000	25.0
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	23.72	23.76	23.59	
Channel				503000	507000	511000	25.0
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	23.66	23.68	23.63	
Channel				502500	507000	511500	25.0
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	23.72	23.76	23.64	
Channel				502000	507000	512000	25.0
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	23.70	23.72	23.59	
Channel				501500	507000	512500	25.0
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	23.70	23.67	23.61	
Channel				501000	507000	513000	25.0
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	23.70	23.70	23.63	
Channel				500500	507000	513500	25.0
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	23.65	23.67	23.60	



FR1-FDD n7\_ (Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	17.7
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	17.21	17.31	17.30	
50	PI/2 BPSK	1	135	17.23	17.23	17.15	17.7
50	PI/2 BPSK	1	268	17.09	17.14	17.07	
50	PI/2 BPSK	135	0	17.25	17.26	17.22	
50	PI/2 BPSK	135	68	17.15	17.27	17.09	17.7
50	PI/2 BPSK	135	135	17.11	17.14	17.11	
50	PI/2 BPSK	270	0	17.13	17.23	17.13	
50	QPSK	1	1	17.22	17.26	17.22	17.7
50	QPSK	1	135	17.10	17.13	17.04	
50	QPSK	1	268	17.10	17.10	17.03	
50	QPSK	135	0	17.16	17.24	17.22	17.7
50	QPSK	135	68	17.03	17.07	17.02	
50	QPSK	135	135	16.98	17.06	16.98	
50	QPSK	270	0	17.11	17.13	17.05	17.7
50	16QAM	1	1	17.29	17.29	17.28	
50	64QAM	1	1	17.23	17.30	17.24	
50	256QAM	1	1	17.27	17.28	17.26	17.7
Channel				504000	507000	510000	17.7
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	17.19	17.27	17.27	
Channel				503000	507000	511000	17.7
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	17.18	17.24	17.22	
Channel				502500	507000	511500	17.7
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	17.11	17.23	17.25	
Channel				502000	507000	512000	17.7
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	17.15	17.29	17.20	
Channel				501500	507000	512500	17.7
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	17.21	17.30	17.25	
Channel				501000	507000	513000	17.7
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	17.20	17.30	17.29	
Channel				500500	507000	513500	17.7
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	17.13	17.22	17.25	





FR1-FDD n7\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	21.2
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.40	19.43	19.37	
50	PI/2 BPSK	1	135	19.28	19.36	19.26	21.2
50	PI/2 BPSK	1	268	19.20	19.27	19.27	
50	PI/2 BPSK	135	0	19.28	19.33	19.23	
50	PI/2 BPSK	135	68	19.34	19.35	19.26	21.2
50	PI/2 BPSK	135	135	19.16	19.22	19.18	21.2
50	PI/2 BPSK	270	0	19.22	19.28	19.22	
50	QPSK	1	1	19.35	19.42	19.32	
50	QPSK	1	135	19.29	19.32	19.22	21.2
50	QPSK	1	268	19.21	19.28	19.28	
50	QPSK	135	0	19.35	19.35	19.35	
50	QPSK	135	68	19.26	19.27	19.22	21.2
50	QPSK	135	135	19.20	19.24	19.22	21.2
50	QPSK	270	0	19.20	19.30	19.26	
50	16QAM	1	1	19.35	19.41	19.37	
50	64QAM	1	1	19.32	19.39	19.30	21.2
50	256QAM	1	1	17.82	17.85	17.78	18.2
Channel				504000	507000	510000	21.2
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.40	19.36	19.35	
Channel				503000	507000	511000	21.2
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.36	19.38	19.34	
Channel				502500	507000	511500	21.2
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.33	19.37	19.29	
Channel				502000	507000	512000	21.2
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.35	19.38	19.27	
Channel				501500	507000	512500	21.2
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.38	19.36	19.29	
Channel				501000	507000	513000	21.2
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.39	19.36	19.36	
Channel				500500	507000	513500	21.2
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.35	19.33	19.34	



FR1-FDD n7\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				505000	507000	509000	20.0
Frequency (MHz)				2525	2535	2545	
50	PI/2 BPSK	1	1	19.40	19.43	19.37	
50	PI/2 BPSK	1	135	19.28	19.36	19.26	20.0
50	PI/2 BPSK	1	268	19.20	19.27	19.27	
50	PI/2 BPSK	135	0	19.28	19.33	19.23	
50	PI/2 BPSK	135	68	19.34	19.35	19.26	20.0
50	PI/2 BPSK	135	135	19.16	19.22	19.18	20.0
50	PI/2 BPSK	270	0	19.22	19.28	19.22	
50	QPSK	1	1	19.35	19.42	19.32	
50	QPSK	1	135	19.29	19.32	19.22	20.0
50	QPSK	1	268	19.21	19.28	19.28	
50	QPSK	135	0	19.35	19.35	19.35	
50	QPSK	135	68	19.26	19.27	19.22	20.0
50	QPSK	135	135	19.20	19.24	19.22	20.0
50	QPSK	270	0	19.20	19.30	19.26	
50	16QAM	1	1	19.35	19.41	19.37	
50	64QAM	1	1	19.32	19.39	19.30	20.0
50	256QAM	1	1	17.82	17.85	17.78	18.5
Channel				504000	507000	510000	20.0
Frequency (MHz)				2520	2535	2550	
40	PI/2 BPSK	1	1	19.40	19.36	19.35	
Channel				503000	507000	511000	20.0
Frequency (MHz)				2515	2535	2555	
30	PI/2 BPSK	1	1	19.36	19.38	19.34	
Channel				502500	507000	511500	20.0
Frequency (MHz)				2512.5	2535	2557.5	
25	PI/2 BPSK	1	1	19.33	19.37	19.29	
Channel				502000	507000	512000	20.0
Frequency (MHz)				2510	2535	2560	
20	PI/2 BPSK	1	1	19.35	19.38	19.27	
Channel				501500	507000	512500	20.0
Frequency (MHz)				2507.5	2535	2562.5	
15	PI/2 BPSK	1	1	19.38	19.36	19.29	
Channel				501000	507000	513000	20.0
Frequency (MHz)				2505	2535	2565	
10	PI/2 BPSK	1	1	19.39	19.36	19.36	
Channel				500500	507000	513500	20.0
Frequency (MHz)				2502.5	2535	2567.5	
5	PI/2 BPSK	1	1	19.35	19.33	19.34	



**FR1-FDD n12\_(Index 1/2/3/4/5/6)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	25.4
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.72	24.70	24.69	
15	PI/2 BPSK	1	40	24.64	24.65	24.64	24.9
15	PI/2 BPSK	1	77	24.76	24.75	24.74	
15	PI/2 BPSK	36	0	24.20	24.20	24.20	
15	PI/2 BPSK	36	22	24.73	24.72	24.72	25.4
15	PI/2 BPSK	36	43	24.22	24.22	24.23	
15	PI/2 BPSK	75	0	24.22	24.22	24.21	
15	QPSK	1	1	24.72	24.70	24.69	24.9
15	QPSK	1	40	24.64	24.64	24.65	
15	QPSK	1	77	24.75	24.74	24.72	
15	QPSK	36	0	22.20	22.21	22.20	25.4
15	QPSK	36	22	24.72	24.72	24.71	
15	QPSK	36	43	22.23	22.23	22.24	
15	QPSK	75	0	22.22	22.21	22.21	23.2
15	16QAM	1	1	22.25	22.23	22.22	
15	64QAM	1	1	20.65	20.62	20.61	
15	256QAM	1	1	18.68	18.65	18.64	19.7
Channel				140800	141500	142200	25.4
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.70	24.69	24.66	25.4
Channel				140300	141500	142700	25.4
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.71	24.70	24.68	25.4



FR1-FDD n12\_(Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	25.4
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.71	24.74	24.70	
15	PI/2 BPSK	1	40	24.63	24.68	24.68	24.9
15	PI/2 BPSK	1	77	24.63	24.73	24.71	
15	PI/2 BPSK	36	0	24.11	24.21	24.14	25.4
15	PI/2 BPSK	36	22	24.68	24.73	24.63	24.9
15	PI/2 BPSK	36	43	24.24	24.25	24.18	
15	PI/2 BPSK	75	0	24.19	24.25	24.20	25.4
15	QPSK	1	1	24.63	24.68	24.60	
15	QPSK	1	40	24.64	24.65	24.64	
15	QPSK	1	77	24.65	24.71	24.64	23.2
15	QPSK	36	0	22.16	22.23	22.19	
15	QPSK	36	22	24.67	24.72	24.72	25.4
15	QPSK	36	43	22.19	22.26	22.22	23.2
15	QPSK	75	0	22.20	22.26	22.21	
15	16QAM	1	1	22.23	22.29	22.21	23.2
15	64QAM	1	1	20.77	20.77	20.70	21.7
15	256QAM	1	1	18.72	18.80	18.70	19.7
Channel				140800	141500	142200	25.4
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.62	24.72	24.63	25.4
Channel				140300	141500	142700	
Frequency (MHz)				701.5	707.5	713.5	25.4
5	PI/2 BPSK	1	1	24.63	24.70	24.61	



FR1-FDD n12\_(Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	24.3
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	24.21	24.22	24.20	
15	PI/2 BPSK	1	40	24.03	24.05	23.99	24.3
15	PI/2 BPSK	1	77	23.99	24.04	23.97	
15	PI/2 BPSK	36	0	24.07	24.12	24.04	24.3
15	PI/2 BPSK	36	22	24.06	24.14	24.14	24.3
15	PI/2 BPSK	36	43	24.08	24.09	23.99	24.3
15	PI/2 BPSK	75	0	24.05	24.12	24.07	
15	QPSK	1	1	24.11	24.18	24.10	24.3
15	QPSK	1	40	23.97	24.00	23.93	
15	QPSK	1	77	23.93	24.01	23.95	
15	QPSK	36	0	22.36	22.36	22.35	22.8
15	QPSK	36	22	24.06	24.11	24.03	24.3
15	QPSK	36	43	22.18	22.26	22.18	22.8
15	QPSK	75	0	22.29	22.31	22.23	
15	16QAM	1	1	22.45	22.47	22.45	22.8
15	64QAM	1	1	20.94	20.98	20.97	21.3
15	256QAM	1	1	18.93	18.96	18.86	19.3
Channel				140800	141500	142200	24.3
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	24.13	24.19	24.13	24.3
Channel				140300	141500	142700	24.3
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	24.12	24.13	24.18	24.3



**FR1-FDD n12\_(Index 3)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				141300	141500	141700	23.1
Frequency (MHz)				706.5	707.5	708.5	
15	PI/2 BPSK	1	1	22.11	22.32	22.15	
15	PI/2 BPSK	1	40	21.98	22.05	21.96	23.1
15	PI/2 BPSK	1	77	22.02	22.04	21.98	
15	PI/2 BPSK	36	0	22.04	22.12	22.12	
15	PI/2 BPSK	36	22	22.05	22.13	22.06	23.1
15	PI/2 BPSK	36	43	22.01	22.06	22.04	23.1
15	PI/2 BPSK	75	0	22.10	22.12	22.04	
15	QPSK	1	1	22.09	22.17	22.12	
15	QPSK	1	40	21.97	22.02	22.00	23.1
15	QPSK	1	77	21.95	22.01	21.95	
15	QPSK	36	0	22.08	22.16	22.16	
15	QPSK	36	22	22.00	22.10	22.04	23.1
15	QPSK	36	43	21.95	22.05	22.01	23.1
15	QPSK	75	0	22.01	22.11	22.02	
15	16QAM	1	1	22.21	22.20	22.19	
15	64QAM	1	1	20.86	20.88	20.80	21.6
15	256QAM	1	1	18.86	18.95	18.87	19.6
Channel				140800	141500	142200	23.1
Frequency (MHz)				704	707.5	711	
10	PI/2 BPSK	1	1	22.15	22.16	22.20	23.1
Channel				140300	141500	142700	23.1
Frequency (MHz)				701.5	707.5	713.5	
5	PI/2 BPSK	1	1	22.19	22.16	22.20	23.1



**FR1-FDD n14\_(Index 1/2/3/4/5/6)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.78		25.4
10	PI/2 BPSK	1	26		24.92		
10	PI/2 BPSK	1	50		24.79		
10	PI/2 BPSK	25	0		24.30		24.9
10	PI/2 BPSK	25	14		24.79		25.4
10	PI/2 BPSK	25	27		24.30		24.9
10	PI/2 BPSK	50	0		24.30		
10	QPSK	1	1		24.78		25.4
10	QPSK	1	26		24.86		
10	QPSK	1	50		24.78		
10	QPSK	25	0		22.27		23.2
10	QPSK	25	14		24.76		25.4
10	QPSK	25	27		22.27		23.2
10	QPSK	50	0		22.27		
10	16QAM	1	1		22.26		23.2
10	64QAM	1	1		20.75		21.7
10	256QAM	1	1		18.78		19.7
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.72	24.75	24.70	25.4

**FR1-FDD n14\_(Index 1/4/5/6)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		24.88		25.4
10	PI/2 BPSK	1	26		24.96		
10	PI/2 BPSK	1	50		24.78		
10	PI/2 BPSK	25	0		24.36		24.9
10	PI/2 BPSK	25	14		24.83		25.4
10	PI/2 BPSK	25	27		24.30		24.9
10	PI/2 BPSK	50	0		24.33		
10	QPSK	1	1		24.90		25.4
10	QPSK	1	26		24.91		
10	QPSK	1	50		24.79		
10	QPSK	25	0		22.37		23.2
10	QPSK	25	14		24.84		25.4
10	QPSK	25	27		22.31		23.2
10	QPSK	50	0		22.34		
10	16QAM	1	1		22.38		23.2
10	64QAM	1	1		20.84		21.7
10	256QAM	1	1		18.87		19.7
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	24.87	24.86	24.85	25.4



FR1-FDD n14\_(Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		22.18		23.7
10	PI/2 BPSK	1	26		22.24		
10	PI/2 BPSK	1	50		22.07		
10	PI/2 BPSK	25	0		22.12		23.7
10	PI/2 BPSK	25	14		22.19		23.7
10	PI/2 BPSK	25	27		22.05		23.7
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.14		23.7
10	QPSK	1	26		22.16		
10	QPSK	1	50		22.03		
10	QPSK	25	0		22.12		23.2
10	QPSK	25	14		22.13		23.7
10	QPSK	25	27		22.07		23.2
10	QPSK	50	0		22.10		
10	16QAM	1	1		22.06		23.2
10	64QAM	1	1		20.69		21.7
10	256QAM	1	1		18.79		19.7
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	22.15	22.16	22.14	23.7

FR1-FDD n14\_(Index3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					158600		
Frequency (MHz)					793		
10	PI/2 BPSK	1	1		22.18		22.5
10	PI/2 BPSK	1	26		22.24		
10	PI/2 BPSK	1	50		22.07		
10	PI/2 BPSK	25	0		22.12		22.5
10	PI/2 BPSK	25	14		22.19		22.5
10	PI/2 BPSK	25	27		22.05		22.5
10	PI/2 BPSK	50	0		22.09		
10	QPSK	1	1		22.14		22.5
10	QPSK	1	26		22.16		
10	QPSK	1	50		22.03		
10	QPSK	25	0		22.12		22.5
10	QPSK	25	14		22.13		22.5
10	QPSK	25	27		22.07		22.5
10	QPSK	50	0		22.10		
10	16QAM	1	1		22.06		22.5
10	64QAM	1	1		20.69		21.5
10	256QAM	1	1		18.79		19.5
Channel				158100	158600	159100	Tune-up limit (dBm)
Frequency (MHz)				790.5	793	795.5	
5	PI/2 BPSK	1	1	22.15	22.16	22.14	22.5





FR1-FDD n25\_(Index 1/2)

Ant 2							
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	25.4
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.10	24.16	24.10	
40	PI/2 BPSK	1	108	24.38	24.41	24.32	24.9
40	PI/2 BPSK	1	214	24.05	24.07	24.02	
40	PI/2 BPSK	108	0	24.27	24.27	24.26	
40	PI/2 BPSK	108	54	24.30	24.34	24.32	25.4
40	PI/2 BPSK	108	108	24.22	24.30	24.29	
40	PI/2 BPSK	216	0	24.27	24.37	24.28	
40	QPSK	1	1	24.15	24.17	24.13	25.4
40	QPSK	1	108	24.37	24.39	24.36	
40	QPSK	1	214	24.02	24.11	24.10	
40	QPSK	108	0	22.41	22.40	22.42	23.1
40	QPSK	108	54	24.38	24.38	24.37	25.4
40	QPSK	108	108	22.43	22.43	22.41	23.1
40	QPSK	216	0	22.43	22.48	22.41	
40	16QAM	1	1	23.83	23.84	23.81	24.4
40	64QAM	1	1	22.12	22.21	22.17	22.9
40	256QAM	1	1	18.91	18.90	18.90	19.6
Channel				373000	376500	380000	25.4
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.02	24.13	24.00	25.4
Channel				372500	376500	380500	25.4
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.06	24.13	24.03	25.4
Channel				372000	376500	381000	25.4
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.08	24.15	24.00	25.4
Channel				371500	376500	381500	25.4
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.04	24.16	24.01	25.4
Channel				371000	376500	382000	25.4
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.06	24.15	24.08	25.4
Channel				370500	376500	382500	25.4
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.00	24.09	24.01	25.4



FR1-FDD n25\_(Index 3)

Ant 2							
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	24.8
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	24.10	24.16	24.10	
40	PI/2 BPSK	1	108	24.38	24.41	24.32	24.8
40	PI/2 BPSK	1	214	24.05	24.07	24.02	
40	PI/2 BPSK	108	0	24.27	24.27	24.26	
40	PI/2 BPSK	108	54	24.30	24.34	24.32	24.8
40	PI/2 BPSK	108	108	24.22	24.30	24.29	24.8
40	PI/2 BPSK	216	0	24.27	24.37	24.28	
40	QPSK	1	1	24.15	24.17	24.13	
40	QPSK	1	108	24.37	24.39	24.36	24.8
40	QPSK	1	214	24.02	24.11	24.10	
40	QPSK	108	0	22.41	22.40	22.42	
40	QPSK	108	54	24.38	24.38	24.37	24.8
40	QPSK	108	108	22.43	22.43	22.41	22.8
40	QPSK	216	0	22.43	22.48	22.41	
40	16QAM	1	1	23.83	23.84	23.81	
40	64QAM	1	1	22.12	22.21	22.17	22.8
40	256QAM	1	1	18.91	18.90	18.90	19.3
Channel				373000	376500	380000	24.8
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	24.02	24.13	24.00	
Channel				372500	376500	380500	24.8
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	24.06	24.13	24.03	
Channel				372000	376500	381000	24.8
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	24.08	24.15	24.00	
Channel				371500	376500	381500	24.8
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	24.04	24.16	24.01	
Channel				371000	376500	382000	24.8
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	24.06	24.15	24.08	
Channel				370500	376500	382500	24.8
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	24.00	24.09	24.01	



FR1-FDD n25\_(Index 4/6)

Ant 2							
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	23.3
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	21.94	22.04	22.00	23.3
40	PI/2 BPSK	1	108	22.24	22.27	22.21	
40	PI/2 BPSK	1	214	21.91	21.94	21.90	
40	PI/2 BPSK	108	0	22.06	22.15	22.05	23.3
40	PI/2 BPSK	108	54	22.15	22.23	22.20	23.3
40	PI/2 BPSK	108	108	22.11	22.18	22.11	23.3
40	PI/2 BPSK	216	0	22.22	22.26	22.25	
40	QPSK	1	1	22.09	22.15	22.10	23.3
40	QPSK	1	108	22.22	22.23	22.19	
40	QPSK	1	214	21.95	22.01	22.00	
40	QPSK	108	0	22.17	22.26	22.16	23.3
40	QPSK	108	54	22.14	22.23	22.16	23.3
40	QPSK	108	108	22.18	22.26	22.24	23.3
40	QPSK	216	0	22.25	22.25	22.15	
40	16QAM	1	1	22.18	22.19	22.15	23.3
40	64QAM	1	1	22.16	22.22	22.12	23.3
40	256QAM	1	1	19.08	19.12	19.12	19.3
Channel				373000	376500	380000	23.3
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	21.87	21.95	21.91	23.3
Channel				372500	376500	380500	23.3
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	21.89	22.04	21.95	23.3
Channel				372000	376500	381000	23.3
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	21.86	22.04	21.97	23.3
Channel				371500	376500	381500	23.3
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	21.90	22.04	21.90	23.3
Channel				371000	376500	382000	23.3
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	21.93	22.02	21.93	23.3
Channel				370500	376500	382500	23.3
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	21.84	22.04	22.00	23.3



FR1-FDD n25\_(Index 5)

Ant 2							
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	24.5
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.19	23.23	23.14	24.5
40	PI/2 BPSK	1	108	23.56	23.58	23.57	
40	PI/2 BPSK	1	214	23.24	23.26	23.21	
40	PI/2 BPSK	108	0	23.46	23.47	23.41	24.5
40	PI/2 BPSK	108	54	23.48	23.54	23.50	24.5
40	PI/2 BPSK	108	108	23.16	23.26	23.25	24.5
40	PI/2 BPSK	216	0	23.40	23.44	23.34	
40	QPSK	1	1	23.27	23.34	23.27	
40	QPSK	1	108	23.49	23.50	23.45	24.5
40	QPSK	1	214	23.12	23.20	23.13	
40	QPSK	108	0	22.45	22.51	22.46	
40	QPSK	108	54	23.38	23.48	23.41	24.5
40	QPSK	108	108	22.51	22.53	22.50	23.0
40	QPSK	216	0	22.47	22.56	22.53	
40	16QAM	1	1	23.42	23.44	23.42	24.0
40	64QAM	1	1	22.45	22.50	22.43	22.5
40	256QAM	1	1	18.89	18.94	18.84	19.5
Channel				373000	376500	380000	24.5
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.11	23.23	23.10	24.5
Channel				372500	376500	380500	24.5
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.12	23.20	23.14	24.5
Channel				372000	376500	381000	24.5
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.14	23.14	23.07	24.5
Channel				371500	376500	381500	24.5
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.11	23.23	23.12	24.5
Channel				371000	376500	382000	24.5
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.11	23.18	23.08	24.5
Channel				370500	376500	382500	24.5
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.19	23.20	23.10	24.5



FR1-FDD n25\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	25.2
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	23.89	23.89	23.81	
40	PI/2 BPSK	1	108	24.06	24.13	24.08	24.7
40	PI/2 BPSK	1	214	23.78	23.80	23.78	
40	PI/2 BPSK	108	0	23.47	23.49	23.40	
40	PI/2 BPSK	108	54	23.95	24.05	24.00	25.2
40	PI/2 BPSK	108	108	23.51	23.51	23.42	
40	PI/2 BPSK	216	0	23.49	23.55	23.46	
40	QPSK	1	1	23.91	23.92	23.86	24.7
40	QPSK	1	108	24.04	24.12	24.06	
40	QPSK	1	214	23.81	23.81	23.80	
40	QPSK	108	0	21.41	21.49	21.40	22.3
40	QPSK	108	54	24.04	24.04	24.00	
40	QPSK	108	108	21.42	21.48	21.47	
40	QPSK	216	0	21.50	21.52	21.46	25.2
40	16QAM	1	1	22.87	22.88	22.85	
40	64QAM	1	1	21.23	21.26	21.17	
40	256QAM	1	1	17.74	17.77	17.74	18.8
Channel				373000	376500	380000	25.2
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	23.85	23.83	23.84	
Channel				372500	376500	380500	25.2
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	23.88	23.89	23.88	
Channel				372000	376500	381000	25.2
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	23.80	23.80	23.80	
Channel				371500	376500	381500	25.2
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	23.86	23.88	23.83	
Channel				371000	376500	382000	25.2
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	23.80	23.80	23.81	
Channel				370500	376500	382500	25.2
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	23.85	23.80	23.80	



FR1-FDD n25\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	18.9
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.42	18.47	18.46	18.9
40	PI/2 BPSK	1	108	18.48	18.58	18.44	
40	PI/2 BPSK	1	214	18.12	18.19	18.11	
40	PI/2 BPSK	108	0	18.42	18.40	18.39	18.9
40	PI/2 BPSK	108	54	18.36	18.43	18.36	18.9
40	PI/2 BPSK	108	108	18.19	18.29	18.26	18.9
40	PI/2 BPSK	216	0	18.28	18.37	18.33	
40	QPSK	1	1	18.41	18.44	18.34	18.9
40	QPSK	1	108	18.26	18.34	18.27	
40	QPSK	1	214	18.17	18.18	18.17	
40	QPSK	108	0	18.37	18.45	18.43	18.9
40	QPSK	108	54	18.34	18.38	18.32	18.9
40	QPSK	108	108	18.21	18.30	18.25	18.9
40	QPSK	216	0	18.37	18.38	18.38	
40	16QAM	1	1	18.51	18.51	18.55	18.9
40	64QAM	1	1	18.46	18.54	18.44	18.9
40	256QAM	1	1	18.32	18.34	18.25	18.4
Channel				373000	376500	380000	18.9
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.38	18.39	18.44	18.9
Channel				372500	376500	380500	18.9
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.42	18.40	18.46	18.9
Channel				372000	376500	381000	18.9
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.46	18.37	18.41	18.9
Channel				371500	376500	381500	18.9
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.38	18.37	18.43	18.9
Channel				371000	376500	382000	18.9
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.38	18.44	18.41	18.9
Channel				370500	376500	382500	18.9
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.39	18.42	18.38	18.9



FR1-FDD n25\_(Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	20.3
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	19.24	19.28	19.21	
40	PI/2 BPSK	1	108	19.30	19.35	19.26	20.3
40	PI/2 BPSK	1	214	19.01	19.02	18.95	
40	PI/2 BPSK	108	0	19.25	19.29	19.19	
40	PI/2 BPSK	108	54	19.25	19.34	19.31	20.3
40	PI/2 BPSK	108	108	19.13	19.17	19.09	20.3
40	PI/2 BPSK	216	0	19.19	19.26	19.25	
40	QPSK	1	1	19.19	19.29	19.20	
40	QPSK	1	108	19.32	19.34	19.28	20.3
40	QPSK	1	214	19.04	19.07	19.02	
40	QPSK	108	0	19.22	19.32	19.30	
40	QPSK	108	54	19.27	19.31	19.25	20.3
40	QPSK	108	108	19.12	19.22	19.22	20.3
40	QPSK	216	0	19.25	19.32	19.25	
40	16QAM	1	1	19.22	19.28	19.28	
40	64QAM	1	1	19.27	19.30	19.27	20.3
40	256QAM	1	1	18.10	18.17	18.11	18.8
Channel				373000	376500	380000	20.3
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	19.22	19.28	19.11	
Channel				372500	376500	380500	20.3
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	19.18	19.26	19.16	
Channel				372000	376500	381000	20.3
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	19.20	19.18	19.17	
Channel				371500	376500	381500	20.3
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	19.24	19.27	19.13	
Channel				371000	376500	382000	20.3
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	19.18	19.22	19.20	
Channel				370500	376500	382500	20.3
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	19.21	19.27	19.13	



FR1-FDD n25\_(Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				374000	376500	379000	19.1
Frequency (MHz)				1870	1882.5	1895	
40	PI/2 BPSK	1	1	18.42	18.47	18.46	19.1
40	PI/2 BPSK	1	108	18.48	18.58	18.44	
40	PI/2 BPSK	1	214	18.12	18.19	18.11	
40	PI/2 BPSK	108	0	18.42	18.40	18.39	19.1
40	PI/2 BPSK	108	54	18.36	18.43	18.36	19.1
40	PI/2 BPSK	108	108	18.19	18.29	18.26	19.1
40	PI/2 BPSK	216	0	18.28	18.37	18.33	
40	QPSK	1	1	18.41	18.44	18.34	19.1
40	QPSK	1	108	18.26	18.34	18.27	
40	QPSK	1	214	18.17	18.18	18.17	
40	QPSK	108	0	18.37	18.45	18.43	19.1
40	QPSK	108	54	18.34	18.38	18.32	19.1
40	QPSK	108	108	18.21	18.30	18.25	19.1
40	QPSK	216	0	18.37	18.38	18.38	
40	16QAM	1	1	18.51	18.51	18.55	19.1
40	64QAM	1	1	18.46	18.54	18.44	19.1
40	256QAM	1	1	18.32	18.34	18.25	18.6
Channel				373000	376500	380000	19.1
Frequency (MHz)				1865	1882.5	1900	
30	PI/2 BPSK	1	1	18.38	18.39	18.44	19.1
Channel				372500	376500	380500	19.1
Frequency (MHz)				1862.5	1882.5	1902.5	
25	PI/2 BPSK	1	1	18.42	18.40	18.46	19.1
Channel				372000	376500	381000	19.1
Frequency (MHz)				1860	1882.5	1905	
20	PI/2 BPSK	1	1	18.46	18.37	18.41	19.1
Channel				371500	376500	381500	19.1
Frequency (MHz)				1857.5	1882.5	1907.5	
15	PI/2 BPSK	1	1	18.38	18.37	18.43	19.1
Channel				371000	376500	382000	19.1
Frequency (MHz)				1855	1882.5	1910	
10	PI/2 BPSK	1	1	18.38	18.44	18.41	19.1
Channel				370500	376500	382500	19.1
Frequency (MHz)				1852.5	1882.5	1912.5	
5	PI/2 BPSK	1	1	18.39	18.42	18.38	19.1





**FR1-FDD n30\_(Index 1/2/3)**

Ant 2							
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		24.25		24.3
10	PI/2 BPSK	1	26		24.24		
10	PI/2 BPSK	1	50		24.16		
10	PI/2 BPSK	25	0		23.68		23.8
10	PI/2 BPSK	25	14		24.17		24.3
10	PI/2 BPSK	25	27		23.65		23.8
10	PI/2 BPSK	50	0		23.68		
10	QPSK	1	1		24.19		24.3
10	QPSK	1	26		24.24		
10	QPSK	1	50		24.11		
10	QPSK	25	0		21.72		21.9
10	QPSK	25	14		24.17		24.3
10	QPSK	25	27		21.69		21.9
10	QPSK	50	0		21.75		
10	16QAM	1	1		23.28		23.3
10	64QAM	1	1		21.75		21.8
10	256QAM	1	1		18.27		18.4
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	24.21	24.23	24.21	24.3

**FR1-FDD n30\_(Index 4/6)**

Ant 2							
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		21.28		22.0
10	PI/2 BPSK	1	26		21.26		
10	PI/2 BPSK	1	50		21.16		
10	PI/2 BPSK	25	0		21.25		22.0
10	PI/2 BPSK	25	14		21.26		22.0
10	PI/2 BPSK	25	27		21.25		22.0
10	PI/2 BPSK	50	0		21.27		
10	QPSK	1	1		21.20		22.0
10	QPSK	1	26		21.20		
10	QPSK	1	50		21.08		
10	QPSK	25	0		21.18		22.0
10	QPSK	25	14		21.21		22.0
10	QPSK	25	27		21.18		22.0
10	QPSK	50	0		21.19		
10	16QAM	1	1		21.27		22.0
10	64QAM	1	1		21.26		22.0
10	256QAM	1	1		18.86		19.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	21.23	21.25	21.24	22.0



FR1-FDD n30\_(Index 5)

Ant 2							
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		22.26		23.2
10	PI/2 BPSK	1	26		22.25		
10	PI/2 BPSK	1	50		22.15		
10	PI/2 BPSK	25	0		22.18		23.2
10	PI/2 BPSK	25	14		22.19		23.2
10	PI/2 BPSK	25	27		22.17		23.2
10	PI/2 BPSK	50	0		22.19		
10	QPSK	1	1		22.21		23.2
10	QPSK	1	26		22.22		
10	QPSK	1	50		22.11		
10	QPSK	25	0		22.22		22.7
10	QPSK	25	14		22.21		23.2
10	QPSK	25	27		22.18		22.7
10	QPSK	50	0		22.20		
10	16QAM	1	1		22.25		23.2
10	64QAM	1	1		22.15		22.7
10	256QAM	1	1		18.73		19.2
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	22.20	22.21	22.17	23.2

FR1-FDD n30\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		23.52		24.5
10	PI/2 BPSK	1	26		23.54		
10	PI/2 BPSK	1	50		23.39		
10	PI/2 BPSK	25	0		22.97		24.0
10	PI/2 BPSK	25	14		23.43		24.5
10	PI/2 BPSK	25	27		22.90		24.0
10	PI/2 BPSK	50	0		22.94		
10	QPSK	1	1		23.51		24.5
10	QPSK	1	26		23.52		
10	QPSK	1	50		23.39		
10	QPSK	25	0		21.01		21.5
10	QPSK	25	14		23.45		24.5
10	QPSK	25	27		21.00		21.5
10	QPSK	50	0		21.02		
10	16QAM	1	1		22.62		23.5
10	64QAM	1	1		21.01		22.0
10	256QAM	1	1		17.48		18.0
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	23.47	23.49	23.42	24.5



FR1-FDD n30\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		17.06		17.8
10	PI/2 BPSK	1	26		17.14		
10	PI/2 BPSK	1	50		17.02		
10	PI/2 BPSK	25	0		17.04		17.8
10	PI/2 BPSK	25	14		17.06		17.8
10	PI/2 BPSK	25	27		17.02		17.8
10	PI/2 BPSK	50	0		17.07		
10	QPSK	1	1		16.95		17.8
10	QPSK	1	26		17.03		
10	QPSK	1	50		16.96		
10	QPSK	25	0		17.02		17.8
10	QPSK	25	14		16.96		17.8
10	QPSK	25	27		16.99		17.8
10	QPSK	50	0		17.01		
10	16QAM	1	1		16.95		17.8
10	64QAM	1	1		16.97		17.8
10	256QAM	1	1		16.89		17.8
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	17.02	17.06	17.04	17.8

FR1-FDD n30\_(Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		20.13		21.5
10	PI/2 BPSK	1	26		20.23		
10	PI/2 BPSK	1	50		20.07		
10	PI/2 BPSK	25	0		20.14		21.5
10	PI/2 BPSK	25	14		20.15		21.5
10	PI/2 BPSK	25	27		20.10		21.5
10	PI/2 BPSK	50	0		20.13		
10	QPSK	1	1		20.16		21.5
10	QPSK	1	26		20.19		
10	QPSK	1	50		20.11		
10	QPSK	25	0		20.18		21.5
10	QPSK	25	14		20.15		21.5
10	QPSK	25	27		20.13		21.5
10	QPSK	50	0		20.16		
10	16QAM	1	1		20.13		21.5
10	64QAM	1	1		20.18		21.5
10	256QAM	1	1		17.73		18.5
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	20.15	20.11	20.12	21.5



FR1-FDD n30\_(Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel					462000		20.3
Frequency (MHz)					2310		
10	PI/2 BPSK	1	1		19.15		20.3
10	PI/2 BPSK	1	26		19.24		
10	PI/2 BPSK	1	50		19.10		
10	PI/2 BPSK	25	0		19.15		20.3
10	PI/2 BPSK	25	14		19.16		20.3
10	PI/2 BPSK	25	27		19.11		20.3
10	PI/2 BPSK	50	0		19.15		
10	QPSK	1	1		19.14		20.3
10	QPSK	1	26		19.23		
10	QPSK	1	50		19.10		
10	QPSK	25	0		19.19		20.3
10	QPSK	25	14		19.17		20.3
10	QPSK	25	27		19.14		20.3
10	QPSK	50	0		19.17		
10	16QAM	1	1		19.20		20.3
10	64QAM	1	1		19.13		20.3
10	256QAM	1	1		17.72		18.3
Channel				461500	462000	462500	Tune-up limit (dBm)
Frequency (MHz)				2307.5	2310	2312.5	
5	PI/2 BPSK	1	1	19.11	19.12	19.12	20.3



FR1-FDD n66\_(Index 1/2/3)

Ant 2							
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	25.4
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.77	24.67	24.30	
40	PI/2 BPSK	1	108	24.94	24.87	24.27	24.9
40	PI/2 BPSK	1	214	24.61	24.64	24.01	
40	PI/2 BPSK	108	0	24.35	24.35	24.28	25.4
40	PI/2 BPSK	108	54	24.86	24.58	24.60	
40	PI/2 BPSK	108	108	24.27	24.02	24.06	24.9
40	PI/2 BPSK	216	0	24.35	24.07	24.10	
40	QPSK	1	1	24.30	24.88	24.32	25.4
40	QPSK	1	108	24.57	24.24	24.43	
40	QPSK	1	214	24.18	23.98	23.91	
40	QPSK	108	0	22.46	22.19	22.35	23.1
40	QPSK	108	54	24.22	23.91	24.61	25.4
40	QPSK	108	108	22.14	21.85	22.31	23.1
40	QPSK	216	0	22.20	21.80	22.33	
40	16QAM	1	1	23.12	23.44	23.86	24.4
40	64QAM	1	1	21.79	22.02	22.37	22.9
40	256QAM	1	1	19.02	18.57	18.76	19.6
Channel				345000	349000	353000	25.4
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.75	24.73	24.64	25.4
Channel				344500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.78	24.73	24.72	25.4
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.77	24.71	24.66	25.4
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.73	24.71	24.69	25.4
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.74	24.65	24.65	25.4
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.72	24.65	24.61	25.4



FR1-FDD n66\_(Index 4/6)

Ant 2							
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	23.3
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.13	22.15	22.14	
40	PI/2 BPSK	1	108	22.20	22.28	22.24	23.3
40	PI/2 BPSK	1	214	21.94	22.00	22.00	
40	PI/2 BPSK	108	0	22.14	22.17	22.13	
40	PI/2 BPSK	108	54	22.11	22.18	22.17	23.3
40	PI/2 BPSK	108	108	22.03	22.12	22.02	23.3
40	PI/2 BPSK	216	0	22.07	22.17	22.16	
40	QPSK	1	1	22.23	22.26	22.21	
40	QPSK	1	108	22.25	22.27	22.17	23.3
40	QPSK	1	214	22.04	22.06	21.98	
40	QPSK	108	0	22.25	22.27	22.27	
40	QPSK	108	54	22.21	22.23	22.13	23.3
40	QPSK	108	108	22.06	22.15	22.09	22.8
40	QPSK	216	0	22.14	22.18	22.18	
40	16QAM	1	1	22.16	22.25	22.19	
40	64QAM	1	1	22.19	22.26	22.18	22.8
40	256QAM	1	1	18.90	18.95	18.87	19.3
Channel				345000	349000	353000	23.3
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.10	22.15	22.11	
Channel				344500	349000	353500	23.3
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.08	22.10	22.11	
Channel				344000	349000	354000	23.3
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.08	22.07	22.10	
Channel				343500	349000	354500	23.3
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.12	22.08	22.11	
Channel				343000	349000	355000	23.3
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.08	22.09	22.06	
Channel				342500	349000	355500	23.3
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.12	22.10	22.05	



FR1-FDD n66\_(Index 5)

Ant 2							
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	24.5
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.16	23.19	23.18	
40	PI/2 BPSK	1	108	23.25	23.34	23.28	24.5
40	PI/2 BPSK	1	214	23.06	23.15	23.11	
40	PI/2 BPSK	108	0	23.18	23.25	23.17	
40	PI/2 BPSK	108	54	23.27	23.28	23.18	24.5
40	PI/2 BPSK	108	108	23.16	23.24	23.22	24.5
40	PI/2 BPSK	216	0	23.03	23.04	23.00	
40	QPSK	1	1	23.29	23.32	23.26	
40	QPSK	1	108	23.12	23.15	23.13	24.5
40	QPSK	1	214	23.03	23.10	23.02	
40	QPSK	108	0	22.44	22.49	22.49	
40	QPSK	108	54	23.01	23.11	23.02	24.5
40	QPSK	108	108	22.05	22.13	22.07	23.0
40	QPSK	216	0	22.28	22.37	22.33	
40	16QAM	1	1	23.23	23.30	23.30	
40	64QAM	1	1	22.44	22.44	22.41	22.5
40	256QAM	1	1	18.89	18.94	18.90	19.5
Channel				345000	349000	353000	Tune-up limit (dBm)
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.16	23.19	23.16	24.5
Channel				344500	349000	353500	Tune-up limit (dBm)
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.15	23.16	23.18	24.5
Channel				344000	349000	354000	Tune-up limit (dBm)
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.19	23.16	23.21	24.5
Channel				343500	349000	354500	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.15	23.19	23.18	24.5
Channel				343000	349000	355000	Tune-up limit (dBm)
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.16	23.14	23.15	24.5
Channel				342500	349000	355500	Tune-up limit (dBm)
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.14	23.20	23.19	24.5



FR1-FDD n66\_Sub (Index 1)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	25.4
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	24.91	24.76	
40	PI/2 BPSK	1	108	25.09	24.94	24.88	24.9
40	PI/2 BPSK	1	214	24.57	24.53	24.55	
40	PI/2 BPSK	108	0	24.49	24.37	24.28	
40	PI/2 BPSK	108	54	24.97	24.78	24.76	25.4
40	PI/2 BPSK	108	108	24.23	24.13	24.20	
40	PI/2 BPSK	216	0	24.38	24.20	24.20	
40	QPSK	1	1	24.95	24.90	24.77	25.4
40	QPSK	1	108	25.08	24.88	24.77	
40	QPSK	1	214	24.57	24.51	24.52	
40	QPSK	108	0	22.46	22.35	22.24	23.1
40	QPSK	108	54	24.97	24.78	24.76	25.4
40	QPSK	108	108	22.22	22.13	22.18	23.1
40	QPSK	216	0	22.35	22.15	22.15	
40	16QAM	1	1	24.01	23.96	23.84	
40	64QAM	1	1	22.32	22.35	22.28	22.9
40	256QAM	1	1	18.76	18.85	18.72	19.6
Channel				345000	349000	353000	25.4
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.99	24.96	24.81	
Channel				344500	349000	353500	25.4
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.03	24.93	24.73	
Channel				344000	349000	354000	25.4
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.05	24.95	24.81	
Channel				343500	349000	354500	25.4
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.04	24.96	24.90	
Channel				343000	349000	355000	25.4
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	25.04	24.90	24.91	
Channel				342500	349000	355500	25.4
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	25.05	24.85	24.77	





FR1-FDD n66\_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	18.8
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	18.18	18.21	18.11	
40	PI/2 BPSK	1	108	18.25	18.26	18.19	18.8
40	PI/2 BPSK	1	214	17.80	17.87	17.79	
40	PI/2 BPSK	108	0	18.11	18.20	18.15	
40	PI/2 BPSK	108	54	18.13	18.22	18.21	18.8
40	PI/2 BPSK	108	108	17.88	17.97	17.87	18.8
40	PI/2 BPSK	216	0	18.01	18.04	17.96	
40	QPSK	1	1	18.09	18.19	18.10	
40	QPSK	1	108	18.20	18.22	18.15	18.8
40	QPSK	1	214	17.76	17.85	17.79	
40	QPSK	108	0	18.11	18.21	18.19	
40	QPSK	108	54	18.04	18.11	18.02	18.8
40	QPSK	108	108	17.85	17.95	17.85	18.8
40	QPSK	216	0	18.02	18.03	17.95	
40	16QAM	1	1	18.13	18.14	18.05	
40	64QAM	1	1	18.18	18.25	18.23	18.8
40	256QAM	1	1	18.13	18.16	18.14	18.8
Channel				345000	349000	353000	18.8
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.09	18.16	18.04	
Channel				344500	349000	353500	18.8
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.10	18.12	18.06	
Channel				344000	349000	354000	18.8
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	18.13	18.13	18.05	
Channel				343500	349000	354500	18.8
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	18.10	18.15	18.10	
Channel				343000	349000	355000	18.8
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.13	18.16	18.10	
Channel				342500	349000	355500	18.8
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	18.13	18.13	18.11	



FR1-FDD n66\_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	17.6
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	17.16	17.20	17.11	
40	PI/2 BPSK	1	108	17.32	17.33	17.26	17.6
40	PI/2 BPSK	1	214	16.78	16.86	16.77	
40	PI/2 BPSK	108	0	17.18	17.21	17.17	
40	PI/2 BPSK	108	54	17.20	17.22	17.14	17.6
40	PI/2 BPSK	108	108	16.94	16.99	16.95	17.6
40	PI/2 BPSK	216	0	17.04	17.04	17.01	
40	QPSK	1	1	17.14	17.18	17.15	
40	QPSK	1	108	17.15	17.22	17.15	17.6
40	QPSK	1	214	16.74	16.83	16.80	
40	QPSK	108	0	17.13	17.22	17.21	
40	QPSK	108	54	17.10	17.12	17.07	17.6
40	QPSK	108	108	16.91	16.95	16.87	17.6
40	QPSK	216	0	17.01	17.03	17.01	
40	16QAM	1	1	17.25	17.28	17.25	
40	64QAM	1	1	17.17	17.17	17.14	17.6
40	256QAM	1	1	17.28	17.30	17.21	17.6
Channel				345000	349000	353000	17.6
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	17.06	17.16	17.09	17.6
Channel				344500	349000	353500	17.6
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	17.08	17.18	17.04	17.6
Channel				344000	349000	354000	17.6
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	17.14	17.17	17.09	17.6
Channel				343500	349000	354500	17.6
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	17.08	17.16	17.06	17.6
Channel				343000	349000	355000	17.6
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	17.09	17.15	17.06	17.6
Channel				342500	349000	355500	17.6
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	17.11	17.13	17.03	17.6



FR1-FDD n66\_Sub (Index 4)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	23.6
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.28	22.30	22.26	23.6
40	PI/2 BPSK	1	108	22.22	22.31	22.23	
40	PI/2 BPSK	1	214	22.08	22.08	22.06	
40	PI/2 BPSK	108	0	22.14	22.22	22.15	23.6
40	PI/2 BPSK	108	54	22.08	22.23	22.06	23.6
40	PI/2 BPSK	108	108	22.05	22.00	22.02	23.6
40	PI/2 BPSK	216	0	22.07	22.08	22.05	
40	QPSK	1	1	22.21	22.24	22.15	23.6
40	QPSK	1	108	22.18	22.20	22.14	
40	QPSK	1	214	22.04	22.05	22.07	
40	QPSK	108	0	22.16	22.22	22.19	23.1
40	QPSK	108	54	22.04	22.13	22.06	23.6
40	QPSK	108	108	21.91	21.99	21.96	23.1
40	QPSK	216	0	21.98	22.06	21.97	
40	16QAM	1	1	22.26	22.29	22.22	23.6
40	64QAM	1	1	22.23	22.23	22.21	22.6
40	256QAM	1	1	18.77	18.86	18.81	19.6
Channel				345000	349000	353000	23.6
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.26	22.28	22.18	23.6
Channel				344500	349000	353500	23.6
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.27	22.22	22.19	23.6
Channel				344000	349000	354000	23.6
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.20	22.20	22.26	23.6
Channel				343500	349000	354500	23.6
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.26	22.25	22.26	23.6
Channel				343000	349000	355000	23.6
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.18	22.27	22.22	23.6
Channel				342500	349000	355500	23.6
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.26	22.24	22.24	23.6



FR1-FDD n66\_Sub (Index 5)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	25.1
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.95	24.91	24.76	
40	PI/2 BPSK	1	108	25.09	24.94	24.88	24.6
40	PI/2 BPSK	1	214	24.57	24.53	24.55	
40	PI/2 BPSK	108	0	24.49	24.37	24.28	
40	PI/2 BPSK	108	54	24.97	24.78	24.76	25.1
40	PI/2 BPSK	108	108	24.23	24.13	24.20	
40	PI/2 BPSK	216	0	24.38	24.20	24.20	
40	QPSK	1	1	24.95	24.90	24.77	25.1
40	QPSK	1	108	25.08	24.88	24.77	
40	QPSK	1	214	24.57	24.51	24.52	
40	QPSK	108	0	22.46	22.35	22.24	23.1
40	QPSK	108	54	24.97	24.78	24.76	25.1
40	QPSK	108	108	22.22	22.13	22.18	23.1
40	QPSK	216	0	22.35	22.15	22.15	
40	16QAM	1	1	24.01	23.96	23.84	
40	64QAM	1	1	22.32	22.35	22.28	22.6
40	256QAM	1	1	18.76	18.85	18.72	19.3
Channel				345000	349000	353000	25.1
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.99	24.96	24.81	
Channel				344500	349000	353500	25.1
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	25.03	24.93	24.73	
Channel				344000	349000	354000	25.1
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	25.05	24.95	24.81	
Channel				343500	349000	354500	25.1
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	25.04	24.96	24.90	
Channel				343000	349000	355000	25.1
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	25.04	24.90	24.91	
Channel				342500	349000	355500	25.1
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	25.05	24.85	24.77	



FR1-FDD n66\_Sub (Index 6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	23.9
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.29	23.32	23.24	
40	PI/2 BPSK	1	108	23.34	23.37	23.28	23.9
40	PI/2 BPSK	1	214	22.91	23.00	22.96	
40	PI/2 BPSK	108	0	23.21	23.31	23.28	
40	PI/2 BPSK	108	54	23.31	23.37	23.33	23.9
40	PI/2 BPSK	108	108	22.97	23.03	23.01	
40	PI/2 BPSK	216	0	23.08	23.11	23.11	
40	QPSK	1	1	23.26	23.33	23.27	23.9
40	QPSK	1	108	23.28	23.29	23.26	
40	QPSK	1	214	22.93	22.93	22.87	
40	QPSK	108	0	22.35	22.38	22.34	22.9
40	QPSK	108	54	23.14	23.20	23.17	
40	QPSK	108	108	22.11	22.16	22.12	
40	QPSK	216	0	22.20	22.22	22.16	22.9
40	16QAM	1	1	23.28	23.31	23.30	
40	64QAM	1	1	22.33	22.41	22.37	
40	256QAM	1	1	18.81	18.88	18.81	19.9
Channel				345000	349000	353000	23.9
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.23	23.29	23.15	
Channel				344500	349000	353500	23.9
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.23	23.27	23.24	
Channel				344000	349000	354000	23.9
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.27	23.31	23.18	
Channel				343500	349000	354500	23.9
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.20	23.29	23.16	
Channel				343000	349000	355000	23.9
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.23	23.26	23.20	
Channel				342500	349000	355500	23.9
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.24	23.25	23.17	



FR1-FDD n66\_(Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	25.2
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	23.84	23.84	23.81	
40	PI/2 BPSK	1	108	23.88	23.94	23.92	24.7
40	PI/2 BPSK	1	214	23.70	23.72	23.64	
40	PI/2 BPSK	108	0	23.27	23.35	23.25	
40	PI/2 BPSK	108	54	23.84	23.86	23.78	25.2
40	PI/2 BPSK	108	108	23.26	23.32	23.32	
40	PI/2 BPSK	216	0	23.25	23.34	23.31	
40	QPSK	1	1	23.76	23.82	23.81	25.2
40	QPSK	1	108	23.89	23.89	23.84	
40	QPSK	1	214	23.77	23.77	23.75	
40	QPSK	108	0	21.35	21.38	21.34	22.3
40	QPSK	108	54	23.83	23.93	23.85	25.2
40	QPSK	108	108	21.36	21.38	21.30	22.3
40	QPSK	216	0	21.27	21.37	21.33	
40	16QAM	1	1	22.74	22.83	22.76	24.2
40	64QAM	1	1	21.12	21.20	21.15	22.7
40	256QAM	1	1	17.64	17.70	17.62	18.8
Channel				345000	349000	353000	25.2
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	23.77	23.84	23.72	25.2
Channel				344500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	23.80	23.76	23.71	25.2
Channel				344000	349000	354000	
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	23.82	23.78	23.78	25.2
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	23.74	23.74	23.73	25.2
Channel				343000	349000	355000	
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	23.83	23.80	23.71	25.2
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	23.77	23.81	23.76	25.2



FR1-FDD n66\_(Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	18.0
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	16.97	17.01	16.91	
40	PI/2 BPSK	1	108	17.13	17.14	17.12	18.0
40	PI/2 BPSK	1	214	16.70	16.77	16.72	
40	PI/2 BPSK	108	0	17.04	17.12	17.03	
40	PI/2 BPSK	108	54	17.05	17.13	17.04	18.0
40	PI/2 BPSK	108	108	16.92	16.96	16.89	18.0
40	PI/2 BPSK	216	0	17.04	17.04	17.03	
40	QPSK	1	1	16.88	16.95	16.86	
40	QPSK	1	108	17.04	17.06	17.05	18.0
40	QPSK	1	214	16.71	16.72	16.69	
40	QPSK	108	0	17.05	17.11	17.01	
40	QPSK	108	54	17.01	17.06	17.04	18.0
40	QPSK	108	108	16.89	16.90	16.90	18.0
40	QPSK	216	0	16.90	16.95	16.87	
40	16QAM	1	1	17.05	17.11	17.04	
40	64QAM	1	1	17.03	17.12	17.05	18.0
40	256QAM	1	1	17.09	17.10	17.02	18.0
Channel				345000	349000	353000	18.0
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	16.88	16.91	16.82	
Channel				344500	349000	353500	18.0
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	16.92	17.00	16.87	
Channel				344000	349000	354000	18.0
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	16.94	16.99	16.91	
Channel				343500	349000	354500	18.0
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	16.94	17.01	16.87	
Channel				343000	349000	355000	18.0
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	16.94	17.00	16.83	
Channel				342500	349000	355500	18.0
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	16.93	16.98	16.88	



**FR1-FDD n66\_(Index 5)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	20.7
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.04	19.06	19.03	
40	PI/2 BPSK	1	108	19.12	19.17	19.13	20.7
40	PI/2 BPSK	1	214	18.72	18.81	18.79	
40	PI/2 BPSK	108	0	19.08	19.11	19.10	
40	PI/2 BPSK	108	54	19.11	19.16	19.06	20.7
40	PI/2 BPSK	108	108	18.96	18.97	18.87	20.7
40	PI/2 BPSK	216	0	19.06	19.06	19.02	
40	QPSK	1	1	19.13	19.15	19.11	
40	QPSK	1	108	19.12	19.16	19.15	20.7
40	QPSK	1	214	18.84	18.86	18.85	
40	QPSK	108	0	19.07	19.14	19.08	
40	QPSK	108	54	19.13	19.14	19.14	20.7
40	QPSK	108	108	19.01	19.04	19.01	20.7
40	QPSK	216	0	19.12	19.12	19.10	
40	16QAM	1	1	19.07	19.08	19.07	
40	64QAM	1	1	18.96	19.05	19.05	20.7
40	256QAM	1	1	17.95	18.03	17.99	18.7
Channel				345000	349000	353000	20.7
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.94	19.04	18.98	
Channel				344500	349000	353500	20.7
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.99	19.00	19.01	
Channel				344000	349000	354000	20.7
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.01	19.06	18.95	
Channel				343500	349000	354500	20.7
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.02	19.06	18.99	
Channel				343000	349000	355000	20.7
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.97	18.96	18.99	
Channel				342500	349000	355500	20.7
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.03	19.04	18.93	





FR1-FDD n66\_(Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				346000	349000	352000	19.5
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	19.04	19.06	19.03	
40	PI/2 BPSK	1	108	19.12	19.17	19.13	19.5
40	PI/2 BPSK	1	214	18.72	18.81	18.79	
40	PI/2 BPSK	108	0	19.08	19.11	19.10	
40	PI/2 BPSK	108	54	19.11	19.16	19.06	19.5
40	PI/2 BPSK	108	108	18.96	18.97	18.87	19.5
40	PI/2 BPSK	216	0	19.06	19.06	19.02	
40	QPSK	1	1	19.13	19.15	19.11	
40	QPSK	1	108	19.12	19.16	19.15	19.5
40	QPSK	1	214	18.84	18.86	18.85	
40	QPSK	108	0	19.07	19.14	19.08	
40	QPSK	108	54	19.13	19.14	19.14	19.5
40	QPSK	108	108	19.01	19.04	19.01	19.5
40	QPSK	216	0	19.12	19.12	19.10	
40	16QAM	1	1	19.07	19.08	19.07	
40	64QAM	1	1	18.96	19.05	19.05	19.5
40	256QAM	1	1	17.95	18.03	17.99	18.5
Channel				345000	349000	353000	19.5
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	18.94	19.04	18.98	
Channel				344500	349000	353500	19.5
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	18.99	19.00	19.01	
Channel				344000	349000	354000	19.5
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	19.01	19.06	18.95	
Channel				343500	349000	354500	19.5
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	19.02	19.06	18.99	
Channel				343000	349000	355000	19.5
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	18.97	18.96	18.99	
Channel				342500	349000	355500	19.5
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	19.03	19.04	18.93	



FR1-FDD n66\_Sub (Index 1/4/5/6)

Ant 5							
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	25.2
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.27	24.25	24.13	
40	PI/2 BPSK	1	108	24.45	24.28	24.20	24.7
40	PI/2 BPSK	1	214	23.90	23.88	23.89	
40	PI/2 BPSK	108	0	23.82	23.72	23.60	25.2
40	PI/2 BPSK	108	54	24.30	24.13	24.08	
40	PI/2 BPSK	108	108	23.60	23.48	23.53	24.7
40	PI/2 BPSK	216	0	23.71	23.55	23.54	
40	QPSK	1	1	24.30	24.23	24.14	25.2
40	QPSK	1	108	24.41	24.21	24.16	
40	QPSK	1	214	23.90	23.81	23.86	
40	QPSK	108	0	21.81	21.70	21.59	22.3
40	QPSK	108	54	24.28	24.13	24.10	25.2
40	QPSK	108	108	21.56	21.47	21.52	22.3
40	QPSK	216	0	21.69	21.51	21.51	
40	16QAM	1	1	23.21	23.27	23.17	24.2
40	64QAM	1	1	21.72	21.74	21.63	22.7
40	256QAM	1	1	18.16	18.21	18.11	18.8
Channel				345000	349000	353000	25.2
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.33	24.29	24.10	25.2
Channel				344500	349000	353500	
Frequency (MHz)				1722.5	1745	1767.5	25.2
25	PI/2 BPSK	1	1	24.38	24.30	24.17	
Channel				344000	349000	354000	25.2
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.41	24.25	24.13	25.2
Channel				343500	349000	354500	
Frequency (MHz)				1717.5	1745	1772.5	25.2
15	PI/2 BPSK	1	1	24.37	24.26	24.18	
Channel				343000	349000	355000	25.2
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.39	24.21	24.15	25.2
Channel				342500	349000	355500	
Frequency (MHz)				1712.5	1745	1777.5	25.2
5	PI/2 BPSK	1	1	24.40	24.21	24.13	



FR1-FDD n66\_Sub (Index 2)

Ant 5							
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	24.6
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	24.27	24.25	24.13	
40	PI/2 BPSK	1	108	24.45	24.28	24.20	24.6
40	PI/2 BPSK	1	214	23.90	23.88	23.89	
40	PI/2 BPSK	108	0	23.82	23.72	23.60	24.6
40	PI/2 BPSK	108	54	24.30	24.13	24.08	24.6
40	PI/2 BPSK	108	108	23.60	23.48	23.53	24.6
40	PI/2 BPSK	216	0	23.71	23.55	23.54	
40	QPSK	1	1	24.30	24.23	24.14	24.6
40	QPSK	1	108	24.41	24.21	24.16	
40	QPSK	1	214	23.90	23.81	23.86	
40	QPSK	108	0	21.81	21.70	21.59	22.1
40	QPSK	108	54	24.28	24.13	24.10	24.6
40	QPSK	108	108	21.56	21.47	21.52	22.1
40	QPSK	216	0	21.69	21.51	21.51	
40	16QAM	1	1	23.21	23.27	23.17	24.1
40	64QAM	1	1	21.72	21.74	21.63	22.6
40	256QAM	1	1	18.16	18.21	18.11	18.6
Channel				345000	349000	353000	24.6
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	24.33	24.29	24.10	24.6
Channel				344500	349000	353500	24.6
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	24.38	24.30	24.17	24.6
Channel				344000	349000	354000	24.6
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	24.41	24.25	24.13	24.6
Channel				343500	349000	354500	24.6
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	24.37	24.26	24.18	24.6
Channel				343000	349000	355000	24.6
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	24.39	24.21	24.15	24.6
Channel				342500	349000	355500	24.6
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	24.40	24.21	24.13	24.6



**FR1-FDD n66\_Sub (Index 3)**

Ant 5							
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	23.4
Frequency (MHz)				1730	1745	1760	
40	PI/2 BPSK	1	1	22.81	22.87	22.79	
40	PI/2 BPSK	1	108	22.91	22.94	22.93	23.4
40	PI/2 BPSK	1	214	22.38	22.40	22.40	
40	PI/2 BPSK	108	0	22.72	22.77	22.67	
40	PI/2 BPSK	108	54	22.60	22.79	22.63	23.4
40	PI/2 BPSK	108	108	22.51	22.55	22.51	
40	PI/2 BPSK	216	0	22.55	22.62	22.57	
40	QPSK	1	1	22.62	22.71	22.66	23.4
40	QPSK	1	108	22.68	22.78	22.78	
40	QPSK	1	214	22.21	22.30	22.25	
40	QPSK	108	0	21.73	21.81	21.78	21.9
40	QPSK	108	54	22.57	22.66	22.57	
40	QPSK	108	108	21.58	21.60	21.55	
40	QPSK	216	0	21.68	21.70	21.66	21.9
40	16QAM	1	1	22.70	22.79	22.72	
40	64QAM	1	1	21.84	21.84	21.76	
40	256QAM	1	1	18.26	18.30	18.27	18.4
Channel				345000	349000	353000	23.4
Frequency (MHz)				1725	1745	1765	
30	PI/2 BPSK	1	1	22.71	22.85	22.71	
Channel				344500	349000	353500	23.4
Frequency (MHz)				1722.5	1745	1767.5	
25	PI/2 BPSK	1	1	22.72	22.82	22.72	
Channel				344000	349000	354000	23.4
Frequency (MHz)				1720	1745	1770	
20	PI/2 BPSK	1	1	22.73	22.78	22.71	
Channel				343500	349000	354500	23.4
Frequency (MHz)				1717.5	1745	1772.5	
15	PI/2 BPSK	1	1	22.75	22.85	22.71	
Channel				343000	349000	355000	23.4
Frequency (MHz)				1715	1745	1775	
10	PI/2 BPSK	1	1	22.78	22.79	22.78	
Channel				342500	349000	355500	23.4
Frequency (MHz)				1712.5	1745	1777.5	
5	PI/2 BPSK	1	1	22.77	22.78	22.70	



**FR1-FDD n71\_ (Index 1/2/3/4/5/6)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	25.4
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.73	24.75	24.74	
20	PI/2 BPSK	1	53	24.90	24.88	24.89	24.9
20	PI/2 BPSK	1	104	24.78	24.80	24.77	
20	PI/2 BPSK	50	0	24.28	24.27	24.24	
20	PI/2 BPSK	50	28	24.80	24.76	24.78	25.4
20	PI/2 BPSK	50	56	24.28	24.26	24.28	
20	PI/2 BPSK	100	0	24.28	24.27	24.27	
20	QPSK	1	1	24.73	24.74	24.73	25.4
20	QPSK	1	53	24.89	24.86	24.88	
20	QPSK	1	104	24.78	24.80	24.79	
20	QPSK	50	0	22.27	22.28	22.24	23.2
20	QPSK	50	28	24.79	24.75	24.77	25.4
20	QPSK	50	56	22.29	22.26	22.28	23.2
20	QPSK	100	0	22.28	22.26	22.27	
20	16QAM	1	1	22.26	22.28	22.27	
20	64QAM	1	1	20.67	20.68	20.67	21.7
20	256QAM	1	1	18.66	18.66	18.67	19.7
Channel				134100	136100	138100	25.4
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.71	24.73	24.73	25.4
Channel				133600	136100	138600	25.4
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.68	24.70	24.72	25.4
Channel				133100	136100	139100	25.4
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.72	24.74	24.74	25.4



FR1-FDD n71\_ (Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	25.4
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	24.67	24.70	24.64	
20	PI/2 BPSK	1	53	24.83	24.85	24.81	24.9
20	PI/2 BPSK	1	104	24.61	24.71	24.63	
20	PI/2 BPSK	50	0	24.10	24.20	24.14	
20	PI/2 BPSK	50	28	24.71	24.72	24.65	25.4
20	PI/2 BPSK	50	56	24.12	24.20	24.18	
20	PI/2 BPSK	100	0	24.17	24.22	24.20	
20	QPSK	1	1	24.58	24.67	24.61	24.9
20	QPSK	1	53	24.80	24.81	24.73	
20	QPSK	1	104	24.66	24.72	24.70	
20	QPSK	50	0	22.13	22.22	22.12	25.4
20	QPSK	50	28	24.69	24.75	24.74	
20	QPSK	50	56	22.18	22.23	22.16	
20	QPSK	100	0	22.20	22.24	22.23	23.2
20	16QAM	1	1	22.22	22.24	22.20	
20	64QAM	1	1	20.69	20.75	20.72	
20	256QAM	1	1	18.59	18.61	18.59	19.7
Channel				134100	136100	138100	25.4
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	24.59	24.70	24.54	25.4
Channel				133600	136100	138600	25.4
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	24.62	24.70	24.57	25.4
Channel				133100	136100	139100	25.4
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	24.62	24.62	24.55	25.4



**FR1-FDD n71\_ (Index 2)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	24.1
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	23.16	23.23	23.20	
20	PI/2 BPSK	1	53	23.24	23.25	23.15	24.1
20	PI/2 BPSK	1	104	22.99	22.99	22.90	
20	PI/2 BPSK	50	0	23.09	23.19	23.13	
20	PI/2 BPSK	50	28	23.05	23.20	23.12	24.1
20	PI/2 BPSK	50	56	23.02	23.03	22.94	
20	PI/2 BPSK	100	0	23.08	23.13	23.11	
20	QPSK	1	1	23.13	23.18	23.10	24.1
20	QPSK	1	53	23.07	23.17	23.14	
20	QPSK	1	104	22.94	22.96	22.92	
20	QPSK	50	0	22.30	22.38	22.31	23.1
20	QPSK	50	28	23.11	23.12	23.03	24.1
20	QPSK	50	56	22.22	22.24	22.21	23.1
20	QPSK	100	0	22.27	22.32	22.24	
20	16QAM	1	1	22.19	22.25	22.22	
20	64QAM	1	1	20.88	20.95	20.91	21.6
20	256QAM	1	1	18.87	18.93	18.92	19.6
Channel				134100	136100	138100	Tune-up limit (dBm)
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	23.20	23.17	23.16	24.1
Channel				133600	136100	138600	Tune-up limit (dBm)
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	23.23	23.21	23.17	24.1
Channel				133100	136100	139100	Tune-up limit (dBm)
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	23.13	23.20	23.20	24.1



**FR1-FDD n71\_ (Index 3)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				134600	136100	137600	22.9
Frequency (MHz)				673	680.5	688	
20	PI/2 BPSK	1	1	22.14	22.18	22.18	22.9
20	PI/2 BPSK	1	53	22.14	22.20	22.18	
20	PI/2 BPSK	1	104	21.81	21.91	21.91	
20	PI/2 BPSK	50	0	22.03	22.09	22.00	22.9
20	PI/2 BPSK	50	28	22.07	22.10	22.04	22.9
20	PI/2 BPSK	50	56	21.89	21.98	21.94	22.9
20	PI/2 BPSK	100	0	21.99	22.08	22.04	
20	QPSK	1	1	22.07	22.16	22.12	22.9
20	QPSK	1	53	22.13	22.14	22.10	
20	QPSK	1	104	21.86	21.94	21.92	
20	QPSK	50	0	22.09	22.15	22.15	22.9
20	QPSK	50	28	22.00	22.10	22.02	22.9
20	QPSK	50	56	21.90	22.00	21.95	22.9
20	QPSK	100	0	22.03	22.10	22.01	
20	16QAM	1	1	22.10	22.16	22.16	22.9
20	64QAM	1	1	20.89	20.90	20.83	21.4
20	256QAM	1	1	18.92	18.93	18.90	19.4
Channel				134100	136100	138100	22.9
Frequency (MHz)				670.5	680.5	690.5	
15	PI/2 BPSK	1	1	22.17	22.18	22.08	22.9
Channel				133600	136100	138600	22.9
Frequency (MHz)				668	680.5	693	
10	PI/2 BPSK	1	1	22.14	22.15	22.14	22.9
Channel				133100	136100	139100	22.9
Frequency (MHz)				665.5	680.5	695.5	
5	PI/2 BPSK	1	1	22.14	22.13	22.09	22.9





FR1-TDD n38\_ (Index 1/2/3)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	25.4
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	24.11	24.08	24.02	
20	PI/2 BPSK	1	26	23.96	23.96	23.95	24.9
20	PI/2 BPSK	1	49	23.88	23.91	23.88	
20	PI/2 BPSK	25	0	23.50	23.57	23.56	
20	PI/2 BPSK	25	13	24.06	24.05	24.00	25.4
20	PI/2 BPSK	25	26	23.51	23.53	23.51	
20	PI/2 BPSK	50	0	23.55	23.54	23.54	
20	QPSK	1	1	23.98	24.06	24.03	25.4
20	QPSK	1	26	23.93	23.95	23.89	
20	QPSK	1	49	23.87	23.88	23.80	
20	QPSK	25	0	22.03	22.06	22.06	22.9
20	QPSK	25	13	23.97	23.97	23.95	25.4
20	QPSK	25	26	21.87	21.93	21.85	22.9
20	QPSK	50	0	21.80	21.86	21.83	
20	16QAM	1	1	23.17	23.24	23.21	
20	64QAM	1	1	22.09	22.10	22.05	22.9
20	256QAM	1	1	18.82	18.82	18.78	19.5
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.09	23.98	24.01	25.4
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	24.09	23.99	23.92	25.4



**FR1-TDD n38\_ (Index 4)**

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.01	22.02	21.93	
20	PI/2 BPSK	1	26	21.80	21.88	21.87	22.7
20	PI/2 BPSK	1	49	21.75	21.83	21.79	
20	PI/2 BPSK	25	0	21.90	21.90	21.90	
20	PI/2 BPSK	25	13	21.85	21.92	21.89	22.7
20	PI/2 BPSK	25	26	21.79	21.81	21.77	22.7
20	PI/2 BPSK	50	0	21.77	21.84	21.74	
20	QPSK	1	1	21.85	21.92	21.84	
20	QPSK	1	26	21.64	21.74	21.70	22.7
20	QPSK	1	49	21.66	21.74	21.72	
20	QPSK	25	0	21.85	21.85	21.82	
20	QPSK	25	13	21.77	21.80	21.75	22.7
20	QPSK	25	26	21.71	21.79	21.69	22.7
20	QPSK	50	0	21.76	21.81	21.80	
20	16QAM	1	1	21.92	22.00	21.95	
20	64QAM	1	1	21.83	21.85	21.76	22.7
20	256QAM	1	1	18.74	18.79	18.72	19.2
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	21.98	21.96	21.89	22.7
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	21.99	21.96	21.87	22.7



FR1-TDD n38\_ (Index 5)

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	24.4
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.48	23.51	23.47	
20	PI/2 BPSK	1	26	23.41	23.41	23.35	24.4
20	PI/2 BPSK	1	49	23.34	23.35	23.35	
20	PI/2 BPSK	25	0	23.40	23.40	23.39	24.4
20	PI/2 BPSK	25	13	23.37	23.41	23.33	24.4
20	PI/2 BPSK	25	26	23.24	23.31	23.25	24.4
20	PI/2 BPSK	50	0	23.20	23.29	23.27	
20	QPSK	1	1	23.31	23.40	23.39	24.4
20	QPSK	1	26	23.26	23.27	23.17	
20	QPSK	1	49	23.23	23.26	23.21	
20	QPSK	25	0	21.63	21.64	21.61	22.9
20	QPSK	25	13	23.30	23.40	23.32	24.4
20	QPSK	25	26	21.64	21.67	21.61	22.9
20	QPSK	50	0	21.59	21.68	21.67	
20	16QAM	1	1	23.05	23.12	23.05	24.4
20	64QAM	1	1	21.54	21.63	21.62	22.9
20	256QAM	1	1	18.68	18.72	18.70	19.4
Channel				515502	519000	522498	24.4
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	23.47	23.50	23.41	24.4
Channel				515004	519000	522996	24.4
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	23.45	23.44	23.42	24.4



**FR1-TDD n38\_ (Index 6)**

Ant 2							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.01	22.02	21.93	
20	PI/2 BPSK	1	26	21.80	21.88	21.87	23.2
20	PI/2 BPSK	1	49	21.75	21.83	21.79	
20	PI/2 BPSK	25	0	21.90	21.90	21.90	
20	PI/2 BPSK	25	13	21.85	21.92	21.89	23.2
20	PI/2 BPSK	25	26	21.79	21.81	21.77	23.2
20	PI/2 BPSK	50	0	21.77	21.84	21.74	
20	QPSK	1	1	21.85	21.92	21.84	
20	QPSK	1	26	21.64	21.74	21.70	23.2
20	QPSK	1	49	21.66	21.74	21.72	
20	QPSK	25	0	21.85	21.85	21.82	
20	QPSK	25	13	21.77	21.80	21.75	23.2
20	QPSK	25	26	21.71	21.79	21.69	23.2
20	QPSK	50	0	21.76	21.81	21.80	
20	16QAM	1	1	21.92	22.00	21.95	
20	64QAM	1	1	21.83	21.85	21.76	23.2
20	256QAM	1	1	18.74	18.79	18.72	19.2
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	21.98	21.96	21.89	23.2
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	21.99	21.96	21.87	23.2



FR1-TDD n38\_ (Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	25.4
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.75	23.77	23.53	
20	PI/2 BPSK	1	26	23.58	23.56	23.41	24.9
20	PI/2 BPSK	1	49	23.56	23.47	23.41	
20	PI/2 BPSK	25	0	23.69	23.63	23.36	
20	PI/2 BPSK	25	13	23.59	23.60	23.51	25.4
20	PI/2 BPSK	25	26	23.57	23.58	23.22	
20	PI/2 BPSK	50	0	23.65	23.51	23.29	
20	QPSK	1	1	23.72	23.66	23.44	24.9
20	QPSK	1	26	23.56	23.48	23.26	
20	QPSK	1	49	23.53	23.42	23.21	
20	QPSK	25	0	22.00	21.93	21.77	25.4
20	QPSK	25	13	23.69	23.62	23.38	
20	QPSK	25	26	22.00	21.85	21.55	
20	QPSK	50	0	22.16	21.95	21.77	22.9
20	16QAM	1	1	23.51	23.40	23.26	
20	64QAM	1	1	22.05	22.09	21.85	
20	256QAM	1	1	19.00	18.85	18.75	19.4
Channel				515502	519000	522498	25.4
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	23.74	23.75	23.50	
Channel				515004	519000	522996	25.4
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	23.70	23.72	23.49	



FR1-TDD n38\_ (Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	19.0
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.30	17.39	17.26	
20	PI/2 BPSK	1	26	17.35	17.32	17.31	19.0
20	PI/2 BPSK	1	49	17.32	17.30	17.32	
20	PI/2 BPSK	25	0	17.32	17.34	17.32	
20	PI/2 BPSK	25	13	17.26	17.35	17.30	19.0
20	PI/2 BPSK	25	26	17.33	17.31	17.34	19.0
20	PI/2 BPSK	50	0	17.29	17.34	17.27	
20	QPSK	1	1	17.31	17.25	17.35	
20	QPSK	1	26	17.33	17.35	17.27	19.0
20	QPSK	1	49	17.34	17.34	17.29	
20	QPSK	25	0	17.28	17.33	17.29	
20	QPSK	25	13	17.28	17.25	17.34	19.0
20	QPSK	25	26	17.25	17.28	17.30	19.0
20	QPSK	50	0	17.27	17.35	17.33	
20	16QAM	1	1	17.31	17.33	17.28	
20	64QAM	1	1	17.29	17.25	17.29	19.0
20	256QAM	1	1	17.35	17.31	17.29	19.0
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.25	17.29	17.33	19.0
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.34	17.25	17.33	19.0



FR1-TDD n38\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	22.9
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.14	21.19	21.10	
20	PI/2 BPSK	1	26	21.10	21.17	21.10	22.9
20	PI/2 BPSK	1	49	21.16	21.15	21.14	
20	PI/2 BPSK	25	0	21.18	21.17	21.14	
20	PI/2 BPSK	25	13	21.14	21.16	21.10	22.9
20	PI/2 BPSK	25	26	21.16	21.12	21.10	
20	PI/2 BPSK	50	0	21.13	21.17	21.18	
20	QPSK	1	1	21.15	21.17	21.11	22.9
20	QPSK	1	26	21.18	21.18	21.15	
20	QPSK	1	49	21.14	21.16	21.11	
20	QPSK	25	0	21.10	21.13	21.10	22.9
20	QPSK	25	13	21.18	21.18	21.11	
20	QPSK	25	26	21.10	21.15	21.10	
20	QPSK	50	0	21.12	21.16	21.15	22.9
20	16QAM	1	1	21.17	21.18	21.18	
20	64QAM	1	1	21.17	21.12	21.14	
20	256QAM	1	1	18.71	18.79	18.74	18.9
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	21.16	21.11	21.14	22.9
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	21.18	21.13	21.18	22.9



FR1-TDD n38\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	21.7
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.14	21.19	21.10	
20	PI/2 BPSK	1	26	21.10	21.17	21.10	21.7
20	PI/2 BPSK	1	49	21.16	21.15	21.14	
20	PI/2 BPSK	25	0	21.18	21.17	21.14	
20	PI/2 BPSK	25	13	21.14	21.16	21.10	21.7
20	PI/2 BPSK	25	26	21.16	21.12	21.10	
20	PI/2 BPSK	50	0	21.13	21.17	21.18	
20	QPSK	1	1	21.15	21.17	21.11	21.7
20	QPSK	1	26	21.18	21.18	21.15	
20	QPSK	1	49	21.14	21.16	21.11	
20	QPSK	25	0	21.10	21.13	21.10	21.7
20	QPSK	25	13	21.18	21.18	21.11	
20	QPSK	25	26	21.10	21.15	21.10	
20	QPSK	50	0	21.12	21.16	21.15	21.7
20	16QAM	1	1	21.17	21.18	21.18	
20	64QAM	1	1	21.17	21.12	21.14	
20	256QAM	1	1	18.71	18.79	18.74	18.8
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	21.16	21.11	21.14	21.7
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	21.18	21.13	21.18	21.7





FR1-TDD n38\_Sub (Index 1)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	25.4
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	25.02	25.05	25.15	
20	PI/2 BPSK	1	26	24.67	24.68	24.76	24.9
20	PI/2 BPSK	1	49	24.42	24.35	24.82	
20	PI/2 BPSK	25	0	24.68	24.44	24.51	25.4
20	PI/2 BPSK	25	13	24.69	24.30	24.70	
20	PI/2 BPSK	25	26	24.41	24.12	24.52	24.9
20	PI/2 BPSK	50	0	24.47	24.21	24.48	
20	QPSK	1	1	25.12	24.45	24.46	25.4
20	QPSK	1	26	25.13	24.41	24.40	
20	QPSK	1	49	25.06	24.40	24.56	
20	QPSK	25	0	23.12	23.06	23.40	24.4
20	QPSK	25	13	25.05	24.11	24.78	25.4
20	QPSK	25	26	23.26	22.73	23.38	24.4
20	QPSK	50	0	23.18	23.08	23.05	
20	16QAM	1	1	24.73	24.31	24.36	25.0
20	64QAM	1	1	23.15	23.08	23.13	24.0
20	256QAM	1	1	19.31	19.61	19.75	20.9
Channel				515502	519000	522498	25.4
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	24.99	25.01	25.06	25.4
Channel				515004	519000	522996	25.4
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	25.03	25.01	25.05	25.4



**FR1-TDD n38\_Sub (Index 2)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	19.0
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	18.70	18.72	18.67	
20	PI/2 BPSK	1	26	18.57	18.61	18.51	19.0
20	PI/2 BPSK	1	49	18.65	18.67	18.67	
20	PI/2 BPSK	25	0	18.58	18.67	18.67	
20	PI/2 BPSK	25	13	18.65	18.70	18.59	19.0
20	PI/2 BPSK	25	26	18.69	18.69	18.67	19.0
20	PI/2 BPSK	50	0	18.61	18.71	18.66	
20	QPSK	1	1	18.63	18.71	18.62	
20	QPSK	1	26	18.59	18.61	18.60	19.0
20	QPSK	1	49	18.62	18.66	18.62	
20	QPSK	25	0	18.54	18.57	18.47	
20	QPSK	25	13	18.67	18.67	18.64	19.0
20	QPSK	25	26	18.57	18.59	18.59	19.0
20	QPSK	50	0	18.54	18.63	18.60	
20	16QAM	1	1	18.61	18.70	18.64	
20	64QAM	1	1	18.70	18.71	18.63	19.0
20	256QAM	1	1	18.57	18.58	18.55	19.0
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	18.69	18.64	18.62	19.0
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	18.70	18.66	18.65	19.0



**FR1-TDD n38\_Sub (Index 3)**

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	17.8
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	17.64	17.69	17.60	
20	PI/2 BPSK	1	26	17.54	17.53	17.43	17.8
20	PI/2 BPSK	1	49	17.62	17.58	17.60	
20	PI/2 BPSK	25	0	17.50	17.65	17.61	
20	PI/2 BPSK	25	13	17.62	17.66	17.49	17.8
20	PI/2 BPSK	25	26	17.62	17.64	17.67	
20	PI/2 BPSK	50	0	17.51	17.65	17.61	
20	QPSK	1	1	17.59	17.63	17.61	17.8
20	QPSK	1	26	17.55	17.58	17.59	
20	QPSK	1	49	17.54	17.60	17.53	
20	QPSK	25	0	17.52	17.48	17.44	17.8
20	QPSK	25	13	17.67	17.66	17.56	
20	QPSK	25	26	17.49	17.51	17.55	
20	QPSK	50	0	17.45	17.56	17.51	17.8
20	16QAM	1	1	17.56	17.66	17.61	
20	64QAM	1	1	17.68	17.67	17.53	
20	256QAM	1	1	17.55	17.57	17.50	17.8
Channel				515502	519000	522498	17.8
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	17.56	17.68	17.60	17.8
Channel				515004	519000	522996	17.8
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	17.62	17.61	17.52	17.8



FR1-TDD n38\_Sub (Index 4/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	23.0
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.66	22.68	22.63	
20	PI/2 BPSK	1	26	22.40	22.49	22.48	23.0
20	PI/2 BPSK	1	49	22.61	22.67	22.57	
20	PI/2 BPSK	25	0	22.64	22.66	22.63	
20	PI/2 BPSK	25	13	22.67	22.68	22.63	23.0
20	PI/2 BPSK	25	26	22.72	22.76	22.72	23.0
20	PI/2 BPSK	50	0	22.73	22.76	22.74	
20	QPSK	1	1	22.78	22.86	22.80	
20	QPSK	1	26	22.69	22.74	22.74	23.0
20	QPSK	1	49	22.81	22.85	22.83	
20	QPSK	25	0	22.81	22.84	22.75	
20	QPSK	25	13	22.77	22.84	22.79	23.0
20	QPSK	25	26	22.83	22.85	22.85	23.0
20	QPSK	50	0	22.75	22.84	22.81	
20	16QAM	1	1	22.85	22.85	22.81	
20	64QAM	1	1	22.70	22.78	22.76	23.0
20	256QAM	1	1	19.12	19.12	19.10	20.9
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.66	22.67	22.60	23.0
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.62	22.67	22.54	23.0



FR1-TDD n38\_Sub (Index 5)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	24.2
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.66	22.68	22.63	
20	PI/2 BPSK	1	26	22.40	22.49	22.48	24.2
20	PI/2 BPSK	1	49	22.61	22.67	22.57	
20	PI/2 BPSK	25	0	22.64	22.66	22.63	24.2
20	PI/2 BPSK	25	13	22.67	22.68	22.63	24.2
20	PI/2 BPSK	25	26	22.72	22.76	22.72	24.2
20	PI/2 BPSK	50	0	22.73	22.76	22.74	
20	QPSK	1	1	22.78	22.86	22.80	24.2
20	QPSK	1	26	22.69	22.74	22.74	
20	QPSK	1	49	22.81	22.85	22.83	
20	QPSK	25	0	22.81	22.84	22.75	24.2
20	QPSK	25	13	22.77	22.84	22.79	24.2
20	QPSK	25	26	22.83	22.85	22.85	24.2
20	QPSK	50	0	22.75	22.84	22.81	
20	16QAM	1	1	22.85	22.85	22.81	24.2
20	64QAM	1	1	22.70	22.78	22.76	24.0
20	256QAM	1	1	19.12	19.12	19.10	20.7
Channel				515502	519000	522498	24.2
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.66	22.67	22.60	24.2
Channel				515004	519000	522996	24.2
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.62	22.67	22.54	24.2



FR1-TDD n38\_Sub (Index 1)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	24.4
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	23.16	23.24	23.22	
20	PI/2 BPSK	1	26	23.11	23.04	22.97	23.9
20	PI/2 BPSK	1	49	23.13	23.20	23.21	
20	PI/2 BPSK	25	0	23.09	23.14	23.05	24.4
20	PI/2 BPSK	25	13	23.10	23.15	23.11	
20	PI/2 BPSK	25	26	23.09	23.14	23.10	23.9
20	PI/2 BPSK	50	0	22.92	22.87	22.77	
20	QPSK	1	1	22.62	22.63	22.72	24.4
20	QPSK	1	26	22.48	22.56	22.47	
20	QPSK	1	49	22.69	22.70	22.77	
20	QPSK	25	0	21.70	21.66	21.75	23.4
20	QPSK	25	13	22.78	22.83	22.81	24.4
20	QPSK	25	26	21.80	21.84	21.79	23.4
20	QPSK	50	0	21.78	21.82	21.76	
20	16QAM	1	1	22.62	22.62	22.69	24.4
20	64QAM	1	1	21.65	21.65	21.59	23.4
20	256QAM	1	1	18.03	17.96	17.99	19.9
Channel				515502	519000	522498	24.4
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	23.15	23.09	23.12	24.4
Channel				515004	519000	522996	24.4
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	23.11	23.08	23.14	24.4



**FR1-TDD n38\_Sub (Index 2)**

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	21.8
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	20.85	20.89	20.88	
20	PI/2 BPSK	1	26	20.77	20.87	20.87	21.8
20	PI/2 BPSK	1	49	20.82	20.81	20.78	
20	PI/2 BPSK	25	0	20.77	20.80	20.81	
20	PI/2 BPSK	25	13	20.81	20.87	20.86	21.8
20	PI/2 BPSK	25	26	20.84	20.82	20.84	
20	PI/2 BPSK	50	0	20.81	20.77	20.79	
20	QPSK	1	1	20.81	20.84	20.85	21.8
20	QPSK	1	26	20.86	20.78	20.81	
20	QPSK	1	49	20.83	20.87	20.83	
20	QPSK	25	0	20.81	20.77	20.83	21.8
20	QPSK	25	13	20.79	20.82	20.81	
20	QPSK	25	26	20.83	20.87	20.77	
20	QPSK	50	0	20.83	20.78	20.82	21.8
20	16QAM	1	1	20.81	20.84	20.80	
20	64QAM	1	1	20.81	20.86	20.87	
20	256QAM	1	1	19.23	19.31	19.28	20.3
Channel				515502	519000	522498	21.8
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	20.84	20.85	20.85	21.8
Channel				515004	519000	522996	21.8
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	20.85	20.81	20.85	21.8



**FR1-TDD n38\_Sub (Index 3)**

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	20.6
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	19.75	19.77	19.74	
20	PI/2 BPSK	1	26	19.58	19.69	19.76	20.6
20	PI/2 BPSK	1	49	19.66	19.63	19.64	
20	PI/2 BPSK	25	0	19.57	19.69	19.61	20.6
20	PI/2 BPSK	25	13	19.62	19.72	19.71	20.6
20	PI/2 BPSK	25	26	19.67	19.67	19.68	20.6
20	PI/2 BPSK	50	0	19.68	19.63	19.67	
20	QPSK	1	1	19.68	19.66	19.74	20.6
20	QPSK	1	26	19.72	19.60	19.61	
20	QPSK	1	49	19.70	19.75	19.68	
20	QPSK	25	0	19.69	19.66	19.72	20.6
20	QPSK	25	13	19.63	19.70	19.65	20.6
20	QPSK	25	26	19.72	19.73	19.63	20.6
20	QPSK	50	0	19.69	19.58	19.69	
20	16QAM	1	1	19.65	19.65	19.61	20.6
20	64QAM	1	1	19.63	19.75	19.76	20.6
20	256QAM	1	1	19.21	19.22	19.21	20.1
Channel				515502	519000	522498	20.6
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	19.66	19.71	19.74	20.6
Channel				515004	519000	522996	20.6
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	19.75	19.71	19.74	20.6





FR1-TDD n38\_Sub (Index 4)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	22.3
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	21.90	22.25	21.88	
20	PI/2 BPSK	1	26	21.95	22.11	21.91	22.3
20	PI/2 BPSK	1	49	22.03	22.14	22.03	
20	PI/2 BPSK	25	0	22.07	22.16	22.02	22.3
20	PI/2 BPSK	25	13	22.04	22.17	21.94	22.3
20	PI/2 BPSK	25	26	22.03	22.16	22.02	22.3
20	PI/2 BPSK	50	0	22.08	22.09	21.98	
20	QPSK	1	1	22.06	22.17	21.97	22.3
20	QPSK	1	26	21.99	21.78	21.90	
20	QPSK	1	49	22.03	22.13	22.03	
20	QPSK	25	0	21.06	21.17	21.06	22.3
20	QPSK	25	13	22.03	22.14	22.03	22.3
20	QPSK	25	26	21.03	21.14	21.02	22.3
20	QPSK	50	0	21.02	21.12	21.01	
20	16QAM	1	1	22.09	22.20	22.03	22.3
20	64QAM	1	1	21.82	21.94	21.75	22.3
20	256QAM	1	1	19.00	19.13	18.94	20.3
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	21.89	22.20	21.87	22.3
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	21.88	22.19	21.85	22.3



FR1-TDD n38\_Sub (Index 5)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	23.5
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.11	22.22	22.20	
20	PI/2 BPSK	1	26	22.04	21.94	21.89	23.5
20	PI/2 BPSK	1	49	22.09	22.11	22.14	
20	PI/2 BPSK	25	0	22.06	22.04	21.98	
20	PI/2 BPSK	25	13	22.02	22.06	22.01	23.5
20	PI/2 BPSK	25	26	22.05	22.13	22.10	
20	PI/2 BPSK	50	0	21.86	21.85	21.73	
20	QPSK	1	1	21.53	21.57	21.72	23.5
20	QPSK	1	26	21.56	21.57	21.52	
20	QPSK	1	49	21.61	21.67	21.69	
20	QPSK	25	0	21.18	21.09	21.29	23.5
20	QPSK	25	13	21.71	21.73	21.71	
20	QPSK	25	26	21.24	21.30	21.28	
20	QPSK	50	0	21.21	21.32	21.16	23.5
20	16QAM	1	1	22.06	22.09	22.10	
20	64QAM	1	1	21.63	21.55	21.59	
20	256QAM	1	1	17.99	17.94	17.98	19.5
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.09	22.08	22.10	23.5
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.10	22.05	22.12	23.5



FR1-TDD n38\_Sub (Index 6)

Ant 5							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				516000	519000	522000	22.3
Frequency (MHz)				2580	2595	2610	
20	PI/2 BPSK	1	1	22.11	22.22	22.20	
20	PI/2 BPSK	1	26	22.04	21.94	21.89	22.3
20	PI/2 BPSK	1	49	22.09	22.11	22.14	
20	PI/2 BPSK	25	0	22.06	22.04	21.98	22.3
20	PI/2 BPSK	25	13	22.02	22.06	22.01	22.3
20	PI/2 BPSK	25	26	22.05	22.13	22.10	22.3
20	PI/2 BPSK	50	0	21.86	21.85	21.73	
20	QPSK	1	1	21.53	21.57	21.72	22.3
20	QPSK	1	26	21.56	21.57	21.52	
20	QPSK	1	49	21.61	21.67	21.69	
20	QPSK	25	0	21.18	21.09	21.29	22.3
20	QPSK	25	13	21.71	21.73	21.71	22.3
20	QPSK	25	26	21.24	21.30	21.28	22.3
20	QPSK	50	0	21.21	21.32	21.16	
20	16QAM	1	1	22.06	22.09	22.10	22.3
20	64QAM	1	1	21.63	21.55	21.59	22.3
20	256QAM	1	1	17.99	17.94	17.98	19.8
Channel				515502	519000	522498	Tune-up limit (dBm)
Frequency (MHz)				2577.51	2595	2612.49	
15	PI/2 BPSK	1	1	22.09	22.08	22.10	22.3
Channel				515004	519000	522996	Tune-up limit (dBm)
Frequency (MHz)				2575.02	2595	2614.98	
10	PI/2 BPSK	1	1	22.10	22.05	22.12	22.3



FR1-TDD n41 PC3\_ (Index 1/2/3)

Ant 2							
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	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.85	24.94	24.75	25.4
100	PI/2 BPSK	1	137	23.81	23.46	23.40	
100	PI/2 BPSK	1	271	23.82	23.83	23.71	
100	PI/2 BPSK	135	0	23.67	23.83	23.72	24.9
100	PI/2 BPSK	135	69	23.83	23.48	23.40	25.4
100	PI/2 BPSK	135	138	23.74	23.54	23.34	24.9
100	PI/2 BPSK	270	0	23.70	23.60	23.42	
100	QPSK	1	1	23.83	24.92	24.72	
100	QPSK	1	137	23.81	23.51	23.40	25.4
100	QPSK	1	271	23.77	23.82	23.73	
100	QPSK	135	0	23.22	23.41	23.20	
100	QPSK	135	69	23.84	23.52	23.35	24.4
100	QPSK	135	138	23.20	23.13	23.02	25.4
100	QPSK	270	0	23.23	23.15	23.02	24.4
100	16QAM	1	1	23.29	24.56	24.43	24.8
100	64QAM	1	1	22.57	23.53	23.38	24.0
100	256QAM	1	1	21.05	21.78	21.69	22.0
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.84	24.89	24.69	25.4
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.82	24.88	24.65	25.4
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.76	24.89	24.68	25.4
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.77	24.84	24.69	25.4
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.79	24.86	24.73	25.4
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.76	24.88	24.73	25.4
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.85	24.87	24.72	25.4
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.83	24.91	24.72	25.4
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.76	24.87	24.67	25.4



FR1-TDD n41 PC3\_ (Index 4)

Ant 2							
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	22.7
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.21	22.30	22.25	22.7
100	PI/2 BPSK	1	137	21.24	21.29	21.22	
100	PI/2 BPSK	1	271	21.67	21.67	21.59	
100	PI/2 BPSK	135	0	21.41	21.51	21.48	22.7
100	PI/2 BPSK	135	69	21.49	21.55	21.45	22.7
100	PI/2 BPSK	135	138	21.20	21.25	21.26	22.7
100	PI/2 BPSK	270	0	21.29	21.27	21.23	
100	QPSK	1	1	22.08	22.15	22.09	
100	QPSK	1	137	20.90	20.95	20.86	22.7
100	QPSK	1	271	21.48	21.51	21.45	
100	QPSK	135	0	21.33	21.36	21.27	
100	QPSK	135	69	20.99	21.00	20.95	22.7
100	QPSK	135	138	20.98	21.04	20.95	22.7
100	QPSK	270	0	21.01	21.11	21.10	22.7
100	16QAM	1	1	22.13	22.14	22.13	22.7
100	64QAM	1	1	21.96	21.96	21.96	22.7
100	256QAM	1	1	21.12	21.16	21.06	21.7
Channel				508200	518598	528996	22.7
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.20	22.26	22.20	22.7
Channel				507204	518598	529998	22.7
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.15	22.23	22.18	22.7
Channel				505200	518598	531996	22.7
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.20	22.23	22.15	22.7
Channel				504204	518598	532998	22.7
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.13	22.23	22.21	22.7
Channel				503202	518598	534000	22.7
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.12	22.22	22.16	22.7
Channel				502200	518598	534996	22.7
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.13	22.25	22.19	22.7
Channel				501204	518598	535998	22.7
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.16	22.26	22.16	22.7
Channel				500700	518598	536496	22.7
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.20	22.29	22.19	22.7
Channel				500202	518598	537000	22.7
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.18	22.24	22.23	22.7



FR1-TDD n41 PC3\_ (Index 5)

Ant 2							
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	24.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.74	23.76	23.66	24.4
100	PI/2 BPSK	1	137	22.56	22.59	22.53	
100	PI/2 BPSK	1	271	23.06	23.08	23.03	
100	PI/2 BPSK	135	0	22.89	22.93	22.87	24.4
100	PI/2 BPSK	135	69	22.95	22.99	22.93	24.4
100	PI/2 BPSK	135	138	22.65	22.67	22.58	24.4
100	PI/2 BPSK	270	0	22.69	22.70	22.69	
100	QPSK	1	1	23.55	23.65	23.64	24.4
100	QPSK	1	137	22.48	22.48	22.40	
100	QPSK	1	271	22.97	23.02	22.99	
100	QPSK	135	0	22.78	22.85	22.77	24.4
100	QPSK	135	69	22.45	22.51	22.42	24.4
100	QPSK	135	138	22.50	22.58	22.56	24.4
100	QPSK	270	0	22.53	22.61	22.52	24.4
100	16QAM	1	1	23.46	23.56	23.55	24.4
100	64QAM	1	1	22.79	22.80	22.77	23.9
100	256QAM	1	1	21.10	21.20	21.19	21.9
Channel				508200	518598	528996	24.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.65	23.68	23.64	24.4
Channel				507204	518598	529998	24.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.73	23.74	23.58	24.4
Channel				505200	518598	531996	24.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.74	23.73	23.65	24.4
Channel				504204	518598	532998	24.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.67	23.71	23.60	24.4
Channel				503202	518598	534000	24.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.67	23.69	23.58	24.4
Channel				502200	518598	534996	24.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.73	23.67	23.60	24.4
Channel				501204	518598	535998	24.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.71	23.70	23.63	24.4
Channel				500700	518598	536496	24.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.69	23.68	23.63	24.4
Channel				500202	518598	537000	24.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.71	23.70	23.66	24.4



FR1-TDD n41 PC3\_ (Index 6)

Ant 2							
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	23.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.21	22.30	22.25	23.2
100	PI/2 BPSK	1	137	21.24	21.29	21.22	
100	PI/2 BPSK	1	271	21.67	21.67	21.59	
100	PI/2 BPSK	135	0	21.41	21.51	21.48	23.2
100	PI/2 BPSK	135	69	21.49	21.55	21.45	23.2
100	PI/2 BPSK	135	138	21.20	21.25	21.26	23.2
100	PI/2 BPSK	270	0	21.29	21.27	21.23	
100	QPSK	1	1	22.08	22.15	22.09	23.2
100	QPSK	1	137	20.90	20.95	20.86	
100	QPSK	1	271	21.48	21.51	21.45	
100	QPSK	135	0	21.33	21.36	21.27	23.2
100	QPSK	135	69	20.99	21.00	20.95	23.2
100	QPSK	135	138	20.98	21.04	20.95	23.2
100	QPSK	270	0	21.01	21.11	21.10	23.2
100	16QAM	1	1	22.13	22.14	22.13	23.2
100	64QAM	1	1	21.96	21.96	21.96	23.2
100	256QAM	1	1	21.12	21.16	21.06	21.7
Channel				508200	518598	528996	23.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.20	22.26	22.20	23.2
Channel				507204	518598	529998	23.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.15	22.23	22.18	23.2
Channel				505200	518598	531996	23.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.20	22.23	22.15	23.2
Channel				504204	518598	532998	23.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.13	22.23	22.21	23.2
Channel				503202	518598	534000	23.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.12	22.22	22.16	23.2
Channel				502200	518598	534996	23.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.13	22.25	22.19	23.2
Channel				501204	518598	535998	23.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.16	22.26	22.16	23.2
Channel				500700	518598	536496	23.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.20	22.29	22.19	23.2
Channel				500202	518598	537000	23.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.18	22.24	22.23	23.2



FR1-TDD n41 PC2\_ (Index 1/2/3/5)

Ant 2							
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	26.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.60	26.65	26.42	26.9
100	PI/2 BPSK	1	137	25.35	25.11	25.11	
100	PI/2 BPSK	1	271	25.62	25.60	25.65	
100	PI/2 BPSK	135	0	25.29	25.44	25.23	26.4
100	PI/2 BPSK	135	69	25.44	25.12	25.11	26.9
100	PI/2 BPSK	135	138	25.32	25.17	25.35	26.4
100	PI/2 BPSK	270	0	25.47	25.22	25.24	
100	QPSK	1	1	25.47	26.64	26.35	
100	QPSK	1	137	25.26	25.11	25.15	26.9
100	QPSK	1	271	25.51	25.56	25.63	
100	QPSK	135	0	25.24	25.44	25.23	
100	QPSK	135	69	25.39	25.11	25.12	26.9
100	QPSK	135	138	25.30	25.17	25.34	26.0
100	QPSK	270	0	25.51	25.23	25.22	
100	16QAM	1	1	25.27	26.64	26.49	
100	64QAM	1	1	24.39	25.08	24.77	25.4
100	256QAM	1	1	22.77	23.25	23.06	24.0
Channel				508200	518598	528996	26.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.50	26.59	26.41	26.9
Channel				507204	518598	529998	26.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.57	26.58	26.36	26.9
Channel				505200	518598	531996	26.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.60	26.61	26.37	26.9
Channel				504204	518598	532998	26.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.54	26.57	26.35	26.9
Channel				503202	518598	534000	26.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.56	26.55	26.40	26.9
Channel				502200	518598	534996	26.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.58	26.58	26.34	26.9
Channel				501204	518598	535998	26.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.50	26.57	26.36	26.9
Channel				500700	518598	536496	26.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.55	26.59	26.37	26.9
Channel				500202	518598	537000	26.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.57	26.59	26.32	26.9





FR1-TDD n41 PC2\_ (Index 4)

Ant 2							
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	25.7
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.30	25.22	25.7
100	PI/2 BPSK	1	137	24.48	24.42	24.46	
100	PI/2 BPSK	1	271	24.69	24.71	24.61	
100	PI/2 BPSK	135	0	24.47	24.56	24.53	25.7
100	PI/2 BPSK	135	69	24.55	24.57	24.49	25.7
100	PI/2 BPSK	135	138	24.22	24.25	24.23	25.7
100	PI/2 BPSK	270	0	24.19	24.28	24.19	
100	QPSK	1	1	25.23	25.25	25.17	
100	QPSK	1	137	24.04	24.06	24.06	25.7
100	QPSK	1	271	24.65	24.68	24.60	
100	QPSK	135	0	24.50	24.54	24.46	
100	QPSK	135	69	24.12	24.12	24.09	25.7
100	QPSK	135	138	24.17	24.21	24.16	25.7
100	QPSK	270	0	24.18	24.28	24.19	
100	16QAM	1	1	25.22	25.27	25.26	
100	64QAM	1	1	24.52	24.59	24.55	25.2
100	256QAM	1	1	22.82	22.84	22.76	23.7
Channel				508200	518598	528996	25.7
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.12	25.16	25.07	25.7
Channel				507204	518598	529998	25.7
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.13	25.13	25.15	25.7
Channel				505200	518598	531996	25.7
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.12	25.18	25.07	25.7
Channel				504204	518598	532998	25.7
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.04	25.15	25.15	25.7
Channel				503202	518598	534000	25.7
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.13	25.16	25.05	25.7
Channel				502200	518598	534996	25.7
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.05	25.15	25.13	25.7
Channel				501204	518598	535998	25.7
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.03	25.17	25.08	25.7
Channel				500700	518598	536496	25.7
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.03	25.13	25.12	25.7
Channel				500202	518598	537000	25.7
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.12	25.19	25.08	25.7



FR1-TDD n41 PC2\_ (Index 6)

Ant 2							
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	26.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.21	25.30	25.22	26.2
100	PI/2 BPSK	1	137	24.48	24.42	24.46	
100	PI/2 BPSK	1	271	24.69	24.71	24.61	
100	PI/2 BPSK	135	0	24.47	24.56	24.53	25.7
100	PI/2 BPSK	135	69	24.55	24.57	24.49	26.2
100	PI/2 BPSK	135	138	24.22	24.25	24.23	25.7
100	PI/2 BPSK	270	0	24.19	24.28	24.19	
100	QPSK	1	1	25.23	25.25	25.17	25.7
100	QPSK	1	137	24.04	24.06	24.06	
100	QPSK	1	271	24.65	24.68	24.60	
100	QPSK	135	0	24.50	24.54	24.46	25.7
100	QPSK	135	69	24.12	24.12	24.09	25.7
100	QPSK	135	138	24.17	24.21	24.16	25.7
100	QPSK	270	0	24.18	24.28	24.19	
100	16QAM	1	1	25.22	25.27	25.26	26.2
100	64QAM	1	1	24.52	24.59	24.55	25.2
100	256QAM	1	1	22.82	22.84	22.76	23.7
Channel				508200	518598	528996	26.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.18	25.24	25.21	26.2
Channel				507204	518598	529998	26.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.13	25.21	25.13	26.2
Channel				505200	518598	531996	26.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.16	25.26	25.22	26.2
Channel				504204	518598	532998	26.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.11	25.25	25.21	26.2
Channel				503202	518598	534000	26.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.12	25.22	25.21	26.2
Channel				502200	518598	534996	26.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.12	25.27	25.12	26.2
Channel				501204	518598	535998	26.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.16	25.29	25.19	26.2
Channel				500700	518598	536496	26.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.17	25.24	25.17	26.2
Channel				500202	518598	537000	26.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.13	25.26	25.19	26.2



FR1-TDD n41 PC3\_ (Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.45	24.39	25.16	25.4
100	PI/2 BPSK	1	137	24.14	23.94	23.56	
100	PI/2 BPSK	1	271	24.38	24.08	23.67	
100	PI/2 BPSK	135	0	23.61	23.86	23.43	24.9
100	PI/2 BPSK	135	69	24.29	23.91	23.59	25.4
100	PI/2 BPSK	135	138	23.78	23.28	23.42	24.9
100	PI/2 BPSK	270	0	23.90	23.48	23.34	
100	QPSK	1	1	23.14	24.28	25.08	
100	QPSK	1	137	24.16	23.86	23.51	25.4
100	QPSK	1	271	24.35	24.03	23.58	
100	QPSK	135	0	23.18	23.38	22.94	
100	QPSK	135	69	24.30	23.95	23.61	25.4
100	QPSK	135	138	23.28	22.85	22.99	24.4
100	QPSK	270	0	23.50	23.04	22.90	
100	16QAM	1	1	22.25	23.43	24.27	
100	64QAM	1	1	21.88	22.90	22.89	22.9
100	256QAM	1	1	20.95	21.64	21.42	22.0
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.41	24.35	25.11	25.4
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.44	24.36	25.10	25.4
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.42	24.38	25.11	25.4
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.41	24.39	25.12	25.4
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.40	24.32	25.13	25.4
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.43	24.31	25.14	25.4
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.42	24.36	25.00	25.4
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.41	24.35	25.11	25.4
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.46	24.32	25.12	25.4



FR1-TDD n41 PC3\_ (Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	19.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.44	18.49	18.41	19.0
100	PI/2 BPSK	1	137	17.07	17.16	17.10	
100	PI/2 BPSK	1	271	17.46	17.56	17.50	
100	PI/2 BPSK	135	0	17.24	17.29	17.28	19.0
100	PI/2 BPSK	135	69	17.22	17.30	17.22	19.0
100	PI/2 BPSK	135	138	17.34	17.42	17.35	19.0
100	PI/2 BPSK	270	0	17.39	17.42	17.42	
100	QPSK	1	1	18.42	18.48	18.47	
100	QPSK	1	137	17.22	17.21	17.21	19.0
100	QPSK	1	271	17.46	17.46	17.46	
100	QPSK	135	0	17.13	17.20	17.15	
100	QPSK	135	69	17.17	17.25	17.21	19.0
100	QPSK	135	138	17.31	17.35	17.35	19.0
100	QPSK	270	0	17.27	17.34	17.32	
100	16QAM	1	1	18.40	18.48	18.42	
100	64QAM	1	1	18.35	18.40	18.35	19.0
100	256QAM	1	1	18.40	18.48	18.42	19.0
Channel				508200	518598	528996	19.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.46	18.48	18.44	19.0
Channel				507204	518598	529998	19.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.44	18.40	18.45	19.0
Channel				505200	518598	531996	19.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.43	18.47	18.43	19.0
Channel				504204	518598	532998	19.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.46	18.45	18.42	19.0
Channel				503202	518598	534000	19.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.49	18.46	18.47	19.0
Channel				502200	518598	534996	19.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.48	18.47	18.43	19.0
Channel				501204	518598	535998	19.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.43	18.46	18.47	19.0
Channel				500700	518598	536496	19.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.47	18.42	18.42	19.0
Channel				500202	518598	537000	19.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.48	18.46	18.39	19.0



FR1-TDD n41 PC3\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.08	22.16	22.11	22.9
100	PI/2 BPSK	1	137	20.90	20.95	20.93	
100	PI/2 BPSK	1	271	21.07	21.17	21.12	
100	PI/2 BPSK	135	0	20.89	20.90	20.91	22.9
100	PI/2 BPSK	135	69	20.92	20.93	20.91	22.9
100	PI/2 BPSK	135	138	20.91	20.91	20.92	22.9
100	PI/2 BPSK	270	0	20.90	20.98	20.98	
100	QPSK	1	1	22.13	22.14	22.04	
100	QPSK	1	137	20.98	21.00	20.98	22.9
100	QPSK	1	271	21.36	21.38	21.29	
100	QPSK	135	0	21.33	21.42	21.33	
100	QPSK	135	69	21.00	21.01	20.94	22.9
100	QPSK	135	138	21.04	21.11	21.07	22.9
100	QPSK	270	0	21.97	22.00	21.90	
100	16QAM	1	1	21.96	22.04	21.96	
100	64QAM	1	1	21.94	21.98	21.98	22.9
100	256QAM	1	1	21.19	21.26	21.23	21.9
Channel				508200	518598	528996	22.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.08	22.11	22.15	22.9
Channel				507204	518598	529998	22.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.11	22.11	22.11	22.9
Channel				505200	518598	531996	22.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.07	22.14	22.12	22.9
Channel				504204	518598	532998	22.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.11	22.14	22.10	22.9
Channel				503202	518598	534000	22.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.09	22.09	22.15	22.9
Channel				502200	518598	534996	22.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.10	22.10	22.13	22.9
Channel				501204	518598	535998	22.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.12	22.13	22.09	22.9
Channel				500700	518598	536496	22.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.13	22.15	22.10	22.9
Channel				500202	518598	537000	22.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.15	22.11	22.11	22.9



FR1-TDD n41 PC3\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	21.7
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.14	21.18	21.17	21.7
100	PI/2 BPSK	1	137	19.90	20.02	20.00	
100	PI/2 BPSK	1	271	20.08	20.26	20.13	
100	PI/2 BPSK	135	0	19.98	19.92	19.92	21.7
100	PI/2 BPSK	135	69	19.98	20.01	20.00	21.7
100	PI/2 BPSK	135	138	19.97	19.93	20.02	21.7
100	PI/2 BPSK	270	0	19.93	20.02	20.04	
100	QPSK	1	1	21.11	21.15	21.11	21.7
100	QPSK	1	137	20.01	20.05	19.99	
100	QPSK	1	271	20.39	20.42	20.29	
100	QPSK	135	0	20.39	20.52	20.39	21.7
100	QPSK	135	69	20.02	20.07	19.95	21.7
100	QPSK	135	138	20.09	20.16	20.12	21.7
100	QPSK	270	0	21.04	21.07	20.99	
100	16QAM	1	1	21.05	21.09	20.98	21.7
100	64QAM	1	1	20.99	21.10	21.07	21.7
100	256QAM	1	1	21.12	21.13	21.17	21.7
Channel				508200	518598	528996	21.7
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.17	21.14	21.16	21.7
Channel				507204	518598	529998	21.7
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.16	21.11	21.15	21.7
Channel				505200	518598	531996	21.7
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.14	21.17	21.12	21.7
Channel				504204	518598	532998	21.7
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.08	21.16	21.13	21.7
Channel				503202	518598	534000	21.7
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.12	21.16	21.14	21.7
Channel				502200	518598	534996	21.7
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.10	21.14	21.12	21.7
Channel				501204	518598	535998	21.7
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.05	21.06	21.04	21.7
Channel				500700	518598	536496	21.7
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.04	21.12	21.06	21.7
Channel				500202	518598	537000	21.7
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.03	21.13	21.11	21.7



FR1-TDD n41 PC2\_ (Index 1/2/3)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	26.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.96	26.28	26.44	26.9
100	PI/2 BPSK	1	137	25.47	25.11	24.90	
100	PI/2 BPSK	1	271	25.60	25.40	25.66	
100	PI/2 BPSK	135	0	25.36	25.53	25.15	26.4
100	PI/2 BPSK	135	69	25.50	25.10	24.97	26.9
100	PI/2 BPSK	135	138	25.50	25.03	25.28	26.4
100	PI/2 BPSK	270	0	25.62	25.21	25.13	
100	QPSK	1	1	24.91	26.23	26.36	26.9
100	QPSK	1	137	25.38	25.02	24.91	
100	QPSK	1	271	25.61	25.36	25.64	
100	QPSK	135	0	25.37	25.52	25.19	25.9
100	QPSK	135	69	25.52	25.11	24.98	26.9
100	QPSK	135	138	25.45	25.07	25.29	25.9
100	QPSK	270	0	25.63	25.20	25.14	
100	16QAM	1	1	24.66	26.01	26.40	26.5
100	64QAM	1	1	23.86	25.40	24.63	25.5
100	256QAM	1	1	22.95	23.45	23.06	24.0
Channel				508200	518598	528996	26.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.88	26.19	26.40	26.9
Channel				507204	518598	529998	26.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.89	26.18	26.43	26.9
Channel				505200	518598	531996	26.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.93	26.27	26.36	26.9
Channel				504204	518598	532998	26.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.91	26.19	26.37	26.9
Channel				503202	518598	534000	26.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.86	26.24	26.39	26.9
Channel				502200	518598	534996	26.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.87	26.26	26.40	26.9
Channel				501204	518598	535998	26.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.90	26.25	26.43	26.9
Channel				500700	518598	536496	26.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.91	26.26	26.42	26.9
Channel				500202	518598	537000	26.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.87	26.19	26.40	26.9



FR1-TDD n41 PC2\_ (Index 4)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	22.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.33	21.43	21.34	22.0
100	PI/2 BPSK	1	137	20.15	20.20	20.16	
100	PI/2 BPSK	1	271	20.57	20.65	20.63	
100	PI/2 BPSK	135	0	20.30	20.34	20.24	22.0
100	PI/2 BPSK	135	69	20.28	20.35	20.34	22.0
100	PI/2 BPSK	135	138	20.17	20.21	20.14	22.0
100	PI/2 BPSK	270	0	20.37	20.38	20.32	
100	QPSK	1	1	21.39	21.32	21.32	
100	QPSK	1	137	20.07	20.16	20.14	22.0
100	QPSK	1	271	20.47	20.56	20.49	
100	QPSK	135	0	20.17	20.25	20.15	
100	QPSK	135	69	20.30	20.31	20.23	22.0
100	QPSK	135	138	20.07	20.17	20.14	22.0
100	QPSK	270	0	20.25	20.35	20.25	
100	16QAM	1	1	21.27	21.34	21.28	
100	64QAM	1	1	21.39	21.40	21.34	22.0
100	256QAM	1	1	21.39	21.39	21.32	22.0
Channel				508200	518598	528996	22.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.41	21.41	21.35	22.0
Channel				507204	518598	529998	22.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.40	21.41	21.34	22.0
Channel				505200	518598	531996	22.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.43	21.38	21.35	22.0
Channel				504204	518598	532998	22.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.39	21.42	21.40	22.0
Channel				503202	518598	534000	22.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.35	21.39	21.35	22.0
Channel				502200	518598	534996	22.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.37	21.39	21.39	22.0
Channel				501204	518598	535998	22.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.35	21.35	21.33	22.0
Channel				500700	518598	536496	22.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.37	21.42	21.38	22.0
Channel				500202	518598	537000	22.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.34	21.41	21.33	22.0





FR1-TDD n41 PC2\_ (Index 5)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	25.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.15	25.18	25.14	25.9
100	PI/2 BPSK	1	137	23.90	23.98	23.97	
100	PI/2 BPSK	1	271	24.41	24.47	24.45	
100	PI/2 BPSK	135	0	24.10	24.10	24.01	25.9
100	PI/2 BPSK	135	69	24.10	24.11	24.05	25.9
100	PI/2 BPSK	135	138	23.95	23.98	23.97	25.9
100	PI/2 BPSK	270	0	24.08	24.14	24.10	
100	QPSK	1	1	25.09	25.13	25.10	
100	QPSK	1	137	23.84	23.87	23.81	25.9
100	QPSK	1	271	24.41	24.41	24.34	
100	QPSK	135	0	24.36	24.41	24.36	
100	QPSK	135	69	24.90	24.98	24.96	25.9
100	QPSK	135	138	23.85	23.93	23.83	25.9
100	QPSK	270	0	24.06	24.11	24.04	
100	16QAM	1	1	25.11	25.17	25.10	
100	64QAM	1	1	24.52	24.62	24.55	25.4
100	256QAM	1	1	22.75	22.78	22.78	23.9
Channel				508200	518598	528996	25.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.11	25.15	25.11	25.9
Channel				507204	518598	529998	25.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.14	25.11	25.13	25.9
Channel				505200	518598	531996	25.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.17	25.09	25.09	25.9
Channel				504204	518598	532998	25.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.17	25.13	25.17	25.9
Channel				503202	518598	534000	25.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.17	25.11	25.09	25.9
Channel				502200	518598	534996	25.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.09	25.09	25.09	25.9
Channel				501204	518598	535998	25.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.17	25.16	25.13	25.9
Channel				500700	518598	536496	25.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.11	25.16	25.17	25.9
Channel				500202	518598	537000	25.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.08	25.10	25.09	25.9



FR1-TDD n41 PC2\_ (Index 6)

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	24.7
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.21	24.22	24.16	24.7
100	PI/2 BPSK	1	137	22.93	23.02	23.06	
100	PI/2 BPSK	1	271	23.49	23.57	23.52	
100	PI/2 BPSK	135	0	23.10	23.19	23.05	24.7
100	PI/2 BPSK	135	69	23.13	23.14	23.12	24.7
100	PI/2 BPSK	135	138	22.98	23.04	23.05	24.7
100	PI/2 BPSK	270	0	23.08	23.22	23.15	
100	QPSK	1	1	24.15	24.16	24.13	24.7
100	QPSK	1	137	22.88	22.95	22.89	
100	QPSK	1	271	23.44	23.51	23.37	
100	QPSK	135	0	23.45	23.43	23.41	24.7
100	QPSK	135	69	23.99	24.07	23.96	24.7
100	QPSK	135	138	22.93	22.93	22.92	24.7
100	QPSK	270	0	23.06	23.16	23.08	
100	16QAM	1	1	24.20	24.17	24.14	24.7
100	64QAM	1	1	24.21	24.21	24.19	24.7
100	256QAM	1	1	22.96	22.95	22.91	23.7
Channel				508200	518598	528996	24.7
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.13	24.21	24.16	24.7
Channel				507204	518598	529998	24.7
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.01	24.01	24.05	24.7
Channel				505200	518598	531996	24.7
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.09	24.09	24.00	24.7
Channel				504204	518598	532998	24.7
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.07	24.06	24.03	24.7
Channel				503202	518598	534000	24.7
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.04	24.05	24.01	24.7
Channel				502200	518598	534996	24.7
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.05	24.01	24.06	24.7
Channel				501204	518598	535998	24.7
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.07	24.02	24.01	24.7
Channel				500700	518598	536496	24.7
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.03	24.06	24.04	24.7
Channel				500202	518598	537000	24.7
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.02	24.11	24.03	24.7



FR1-TDD n41 PC3\_Sub (Index 1)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	25.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.01	24.65	24.50	25.4
100	PI/2 BPSK	1	137	24.01	24.28	24.26	
100	PI/2 BPSK	1	271	24.27	24.25	23.91	
100	PI/2 BPSK	135	0	23.69	23.83	23.50	24.9
100	PI/2 BPSK	135	69	24.11	24.42	24.13	25.4
100	PI/2 BPSK	135	138	23.81	24.06	23.65	24.9
100	PI/2 BPSK	270	0	23.73	24.06	23.70	
100	QPSK	1	1	23.79	24.61	24.49	
100	QPSK	1	137	24.03	24.37	24.29	25.4
100	QPSK	1	271	24.30	24.08	23.92	
100	QPSK	135	0	23.16	23.43	23.63	
100	QPSK	135	69	24.05	24.11	24.10	25.4
100	QPSK	135	138	23.28	23.55	23.48	24.4
100	QPSK	270	0	23.22	23.50	23.54	
100	16QAM	1	1	23.72	23.77	23.91	
100	64QAM	1	1	22.32	22.35	22.68	22.9
100	256QAM	1	1	19.90	20.03	20.28	20.9
Channel				508200	518598	528996	25.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.22	24.61	24.55	25.4
Channel				507204	518598	529998	25.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.30	24.63	24.60	25.4
Channel				505200	518598	531996	25.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.12	24.58	24.47	25.4
Channel				504204	518598	532998	25.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.02	24.60	24.47	25.4
Channel				503202	518598	534000	25.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.14	24.62	24.53	25.4
Channel				502200	518598	534996	25.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.16	24.63	24.56	25.4
Channel				501204	518598	535998	25.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.92	24.60	24.47	25.4
Channel				500700	518598	536496	25.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.03	24.62	24.49	25.4
Channel				500202	518598	537000	25.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.06	24.59	24.41	25.4



FR1-TDD n41 PC3\_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	19.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	18.21	18.23	18.16	19.0
100	PI/2 BPSK	1	137	17.50	17.57	17.52	
100	PI/2 BPSK	1	271	18.16	18.21	18.15	
100	PI/2 BPSK	135	0	17.81	17.82	17.75	19.0
100	PI/2 BPSK	135	69	17.65	17.88	17.66	19.0
100	PI/2 BPSK	135	138	17.71	17.72	17.70	19.0
100	PI/2 BPSK	270	0	17.76	17.79	17.74	
100	QPSK	1	1	18.10	18.15	18.13	19.0
100	QPSK	1	137	17.51	17.56	17.53	
100	QPSK	1	271	18.19	18.21	18.16	
100	QPSK	135	0	17.72	17.73	17.69	19.0
100	QPSK	135	69	17.51	17.60	17.54	19.0
100	QPSK	135	138	17.60	17.69	17.64	19.0
100	QPSK	270	0	17.71	17.71	17.71	
100	16QAM	1	1	18.15	18.20	18.11	19.0
100	64QAM	1	1	18.17	18.18	18.13	19.0
100	256QAM	1	1	18.13	18.22	18.18	19.0
Channel				508200	518598	528996	19.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	18.18	18.20	18.14	19.0
Channel				507204	518598	529998	19.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	18.17	18.21	18.09	19.0
Channel				505200	518598	531996	19.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	18.12	18.14	18.08	19.0
Channel				504204	518598	532998	19.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	18.17	18.19	18.10	19.0
Channel				503202	518598	534000	19.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	18.13	18.21	18.12	19.0
Channel				502200	518598	534996	19.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	18.15	18.17	18.08	19.0
Channel				501204	518598	535998	19.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	18.16	18.13	18.10	19.0
Channel				500700	518598	536496	19.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	18.18	18.18	18.12	19.0
Channel				500202	518598	537000	19.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	18.14	18.13	18.11	19.0



FR1-TDD n41 PC3\_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	17.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	17.29	17.32	17.20	17.8
100	PI/2 BPSK	1	137	16.59	16.58	16.60	
100	PI/2 BPSK	1	271	17.21	17.31	17.25	
100	PI/2 BPSK	135	0	16.81	16.83	16.76	17.8
100	PI/2 BPSK	135	69	16.74	16.85	16.74	17.8
100	PI/2 BPSK	135	138	16.71	16.80	16.73	17.8
100	PI/2 BPSK	270	0	16.82	16.83	16.80	
100	QPSK	1	1	17.13	17.15	17.23	17.8
100	QPSK	1	137	16.53	16.66	16.57	
100	QPSK	1	271	17.26	17.22	17.24	
100	QPSK	135	0	16.75	16.77	16.79	17.8
100	QPSK	135	69	16.59	16.64	16.55	17.8
100	QPSK	135	138	16.61	16.78	16.72	17.8
100	QPSK	270	0	16.77	16.75	16.73	
100	16QAM	1	1	17.24	17.21	17.11	17.8
100	64QAM	1	1	17.21	17.25	17.16	17.8
100	256QAM	1	1	17.16	17.24	17.18	17.8
Channel				508200	518598	528996	17.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	17.28	17.24	17.17	17.8
Channel				507204	518598	529998	17.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	17.27	17.26	17.10	17.8
Channel				505200	518598	531996	17.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	17.26	17.24	17.11	17.8
Channel				504204	518598	532998	17.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	17.19	17.28	17.14	17.8
Channel				503202	518598	534000	17.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	17.20	17.31	17.20	17.8
Channel				502200	518598	534996	17.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	17.21	17.24	17.14	17.8
Channel				501204	518598	535998	17.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	17.29	17.22	17.13	17.8
Channel				500700	518598	536496	17.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	17.26	17.27	17.14	17.8
Channel				500202	518598	537000	17.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	17.28	17.22	17.10	17.8



FR1-TDD n41 PC3\_Sub (Index 4/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	23.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.50	22.51	22.46	23.0
100	PI/2 BPSK	1	137	22.49	22.50	22.48	
100	PI/2 BPSK	1	271	22.30	22.40	22.40	
100	PI/2 BPSK	135	0	22.81	22.88	22.87	23.0
100	PI/2 BPSK	135	69	22.86	22.89	22.88	23.0
100	PI/2 BPSK	135	138	22.80	22.86	22.79	23.0
100	PI/2 BPSK	270	0	22.86	22.88	22.80	
100	QPSK	1	1	22.60	22.60	22.58	23.0
100	QPSK	1	137	22.72	22.75	22.71	
100	QPSK	1	271	22.60	22.62	22.57	
100	QPSK	135	0	22.88	22.98	22.88	23.0
100	QPSK	135	69	22.95	23.00	22.96	23.0
100	QPSK	135	138	22.93	22.97	22.90	23.0
100	QPSK	270	0	22.90	22.99	22.93	
100	16QAM	1	1	22.62	22.67	22.65	23.0
100	64QAM	1	1	22.57	22.62	22.57	22.9
100	256QAM	1	1	20.46	20.52	20.48	20.9
Channel				508200	518598	528996	23.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.49	22.45	22.44	23.0
Channel				507204	518598	529998	23.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.41	22.41	22.36	23.0
Channel				505200	518598	531996	23.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.44	22.49	22.41	23.0
Channel				504204	518598	532998	23.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.43	22.48	22.37	23.0
Channel				503202	518598	534000	23.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.42	22.47	22.38	23.0
Channel				502200	518598	534996	23.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.40	22.47	22.44	23.0
Channel				501204	518598	535998	23.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.46	22.46	22.39	23.0
Channel				500700	518598	536496	23.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.44	22.46	22.46	23.0
Channel				500202	518598	537000	23.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.48	22.49	22.42	23.0



FR1-TDD n41 PC3\_Sub (Index 5)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	24.2
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.50	22.51	22.46	24.2
100	PI/2 BPSK	1	137	22.49	22.50	22.48	
100	PI/2 BPSK	1	271	22.30	22.40	22.40	
100	PI/2 BPSK	135	0	22.81	22.88	22.87	24.2
100	PI/2 BPSK	135	69	22.86	22.89	22.88	24.2
100	PI/2 BPSK	135	138	22.80	22.86	22.79	24.2
100	PI/2 BPSK	270	0	22.86	22.88	22.80	
100	QPSK	1	1	22.60	22.60	22.58	24.2
100	QPSK	1	137	22.72	22.75	22.71	
100	QPSK	1	271	22.60	22.62	22.57	
100	QPSK	135	0	22.88	22.98	22.88	24.2
100	QPSK	135	69	22.95	23.00	22.96	24.2
100	QPSK	135	138	22.93	22.97	22.90	24.2
100	QPSK	270	0	22.90	22.99	22.93	
100	16QAM	1	1	22.62	22.67	22.65	24.2
100	64QAM	1	1	22.57	22.62	22.57	22.7
100	256QAM	1	1	20.46	20.52	20.48	20.7
Channel				508200	518598	528996	24.2
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.49	22.45	22.44	24.2
Channel				507204	518598	529998	24.2
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.41	22.41	22.36	24.2
Channel				505200	518598	531996	24.2
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.44	22.49	22.41	24.2
Channel				504204	518598	532998	24.2
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.43	22.48	22.37	24.2
Channel				503202	518598	534000	24.2
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.42	22.47	22.38	24.2
Channel				502200	518598	534996	24.2
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.40	22.47	22.44	24.2
Channel				501204	518598	535998	24.2
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.46	22.46	22.39	24.2
Channel				500700	518598	536496	24.2
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.44	22.46	22.46	24.2
Channel				500202	518598	537000	24.2
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.48	22.49	22.42	24.2



FR1-TDD n41 PC2\_Sub (Index 1/5)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	26.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.38	25.40	25.33	26.9
100	PI/2 BPSK	1	137	25.37	25.39	25.32	
100	PI/2 BPSK	1	271	25.19	25.29	25.29	
100	PI/2 BPSK	135	0	25.68	25.73	25.68	26.4
100	PI/2 BPSK	135	69	25.72	25.74	25.71	26.9
100	PI/2 BPSK	135	138	25.68	25.68	25.68	26.4
100	PI/2 BPSK	270	0	25.69	25.71	25.62	
100	QPSK	1	1	25.34	25.34	25.27	26.9
100	QPSK	1	137	25.51	25.52	25.50	
100	QPSK	1	271	25.30	25.37	25.31	
100	QPSK	135	0	25.83	25.84	25.80	25.9
100	QPSK	135	69	25.58	25.63	25.60	26.9
100	QPSK	135	138	25.75	25.78	25.78	25.9
100	QPSK	270	0	25.79	25.79	25.69	
100	16QAM	1	1	25.31	25.41	25.41	26.9
100	64QAM	1	1	23.66	23.73	23.73	25.4
100	256QAM	1	1	22.20	22.21	22.21	24.0
Channel				508200	518598	528996	26.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.28	25.37	25.30	26.9
Channel				507204	518598	529998	26.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.33	25.38	25.28	26.9
Channel				505200	518598	531996	26.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.35	25.34	25.29	26.9
Channel				504204	518598	532998	26.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.29	25.36	25.23	26.9
Channel				503202	518598	534000	26.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.36	25.39	25.30	26.9
Channel				502200	518598	534996	26.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.37	25.37	25.31	26.9
Channel				501204	518598	535998	26.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.36	25.39	25.31	26.9
Channel				500700	518598	536496	26.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.32	25.38	25.30	26.9
Channel				500202	518598	537000	26.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.31	25.30	25.32	26.9





FR1-TDD n41 PC2\_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.20	21.26	21.25	22.0
100	PI/2 BPSK	1	137	21.23	21.24	21.22	
100	PI/2 BPSK	1	271	21.06	21.16	21.14	
100	PI/2 BPSK	135	0	20.73	20.79	20.74	22.0
100	PI/2 BPSK	135	69	20.78	20.80	20.79	22.0
100	PI/2 BPSK	135	138	20.74	20.74	20.67	22.0
100	PI/2 BPSK	270	0	20.83	20.87	20.78	
100	QPSK	1	1	21.21	21.25	21.18	22.0
100	QPSK	1	137	20.66	20.73	20.69	
100	QPSK	1	271	21.18	21.24	21.14	
100	QPSK	135	0	20.88	20.92	20.82	22.0
100	QPSK	135	69	20.74	20.80	20.73	22.0
100	QPSK	135	138	20.83	20.93	20.88	22.0
100	QPSK	270	0	20.92	20.97	20.95	
100	16QAM	1	1	21.21	21.25	21.18	22.0
100	64QAM	1	1	21.25	21.25	21.24	22.0
100	256QAM	1	1	21.07	21.13	21.11	22.0
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.14	21.18	21.21	22.0
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.11	21.23	21.20	22.0
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.12	21.23	21.25	22.0
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.18	21.20	21.16	22.0
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.17	21.17	21.16	22.0
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.10	21.18	21.21	22.0
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.18	21.20	21.19	22.0
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.12	21.22	21.15	22.0
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.10	21.21	21.15	22.0



FR1-TDD n41 PC2\_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	20.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.13	20.23	20.20	20.8
100	PI/2 BPSK	1	137	19.52	19.61	19.52	
100	PI/2 BPSK	1	271	20.15	20.20	20.11	
100	PI/2 BPSK	135	0	19.71	19.80	19.76	20.8
100	PI/2 BPSK	135	69	19.61	19.87	19.60	20.8
100	PI/2 BPSK	135	138	19.72	19.80	19.74	20.8
100	PI/2 BPSK	270	0	19.76	19.86	19.80	
100	QPSK	1	1	20.17	20.22	20.17	
100	QPSK	1	137	19.54	19.63	19.55	20.8
100	QPSK	1	271	20.16	20.21	20.12	
100	QPSK	135	0	19.80	19.84	19.79	
100	QPSK	135	69	19.66	19.72	19.65	20.8
100	QPSK	135	138	19.80	19.84	19.83	20.8
100	QPSK	270	0	19.80	19.89	19.87	
100	16QAM	1	1	20.14	20.21	20.13	
100	64QAM	1	1	20.19	20.19	20.09	20.8
100	256QAM	1	1	20.14	20.22	20.12	20.8
Channel				508200	518598	528996	20.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.03	20.21	20.17	20.8
Channel				507204	518598	529998	20.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.11	20.20	20.19	20.8
Channel				505200	518598	531996	20.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.03	20.20	20.14	20.8
Channel				504204	518598	532998	20.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.04	20.21	20.13	20.8
Channel				503202	518598	534000	20.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.06	20.17	20.16	20.8
Channel				502200	518598	534996	20.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.06	20.16	20.17	20.8
Channel				501204	518598	535998	20.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.12	20.21	20.15	20.8
Channel				500700	518598	536496	20.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.03	20.20	20.18	20.8
Channel				500202	518598	537000	20.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.12	20.18	20.19	20.8



FR1-TDD n41 PC2\_Sub (Index 4/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	26.0
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	25.38	25.40	25.33	26.0
100	PI/2 BPSK	1	137	25.37	25.39	25.32	
100	PI/2 BPSK	1	271	25.19	25.29	25.29	
100	PI/2 BPSK	135	0	25.68	25.73	25.68	26.0
100	PI/2 BPSK	135	69	25.72	25.74	25.71	26.0
100	PI/2 BPSK	135	138	25.68	25.68	25.68	26.0
100	PI/2 BPSK	270	0	25.69	25.71	25.62	
100	QPSK	1	1	25.34	25.34	25.27	26.0
100	QPSK	1	137	25.51	25.52	25.50	
100	QPSK	1	271	25.30	25.37	25.31	
100	QPSK	135	0	25.83	25.84	25.80	25.9
100	QPSK	135	69	25.58	25.63	25.60	26.0
100	QPSK	135	138	25.75	25.78	25.78	25.9
100	QPSK	270	0	25.79	25.79	25.69	
100	16QAM	1	1	25.31	25.41	25.41	26.0
100	64QAM	1	1	23.66	23.73	23.73	25.4
100	256QAM	1	1	22.20	22.21	22.21	24.0
Channel				508200	518598	528996	26.0
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	25.28	25.37	25.30	26.0
Channel				507204	518598	529998	26.0
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	25.33	25.38	25.28	26.0
Channel				505200	518598	531996	26.0
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	25.35	25.34	25.29	26.0
Channel				504204	518598	532998	26.0
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	25.29	25.36	25.23	26.0
Channel				503202	518598	534000	26.0
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	25.36	25.39	25.30	26.0
Channel				502200	518598	534996	26.0
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	25.37	25.37	25.31	26.0
Channel				501204	518598	535998	26.0
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	25.36	25.39	25.31	26.0
Channel				500700	518598	536496	26.0
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	25.32	25.38	25.30	26.0
Channel				500202	518598	537000	26.0
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	25.31	25.30	25.32	26.0



FR1-TDD n41 PC3\_Sub (Index 1)

Ant 5							
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	24.4
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	22.64	22.65	22.62	24.4
100	PI/2 BPSK	1	137	22.48	22.47	22.47	
100	PI/2 BPSK	1	271	22.63	22.54	22.61	
100	PI/2 BPSK	135	0	22.71	22.84	22.67	23.9
100	PI/2 BPSK	135	69	22.75	22.85	22.82	24.4
100	PI/2 BPSK	135	138	22.65	22.77	22.81	23.9
100	PI/2 BPSK	270	0	22.66	22.74	22.79	
100	QPSK	1	1	22.59	22.68	22.82	24.4
100	QPSK	1	137	22.58	22.74	22.52	
100	QPSK	1	271	22.65	22.65	22.69	
100	QPSK	135	0	22.58	22.56	22.51	23.4
100	QPSK	135	69	22.84	22.50	22.85	24.4
100	QPSK	135	138	22.81	22.82	22.82	23.4
100	QPSK	270	0	22.84	22.26	22.78	
100	16QAM	1	1	22.77	22.79	22.74	23.4
100	64QAM	1	1	21.87	21.71	21.74	21.9
100	256QAM	1	1	19.77	19.64	19.74	19.9
Channel				508200	518598	528996	24.4
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	22.51	22.56	22.60	24.4
Channel				507204	518598	529998	24.4
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	22.54	22.58	22.57	24.4
Channel				505200	518598	531996	24.4
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	22.56	22.54	22.60	24.4
Channel				504204	518598	532998	24.4
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	22.58	22.65	22.67	24.4
Channel				503202	518598	534000	24.4
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	22.59	22.66	22.54	24.4
Channel				502200	518598	534996	24.4
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	22.58	22.60	22.61	24.4
Channel				501204	518598	535998	24.4
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	22.54	22.55	22.59	24.4
Channel				500700	518598	536496	24.4
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	22.63	22.61	22.59	24.4
Channel				500202	518598	537000	24.4
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	22.66	22.59	22.58	24.4



FR1-TDD n41 PC3\_Sub (Index 2)

Ant 5							
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	21.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.31	21.38	21.32	21.8
100	PI/2 BPSK	1	137	20.59	20.60	20.51	
100	PI/2 BPSK	1	271	20.91	21.00	20.98	
100	PI/2 BPSK	135	0	20.77	20.85	20.76	21.8
100	PI/2 BPSK	135	69	20.84	20.86	20.79	21.8
100	PI/2 BPSK	135	138	20.74	20.82	20.82	21.8
100	PI/2 BPSK	270	0	20.84	20.90	20.90	
100	QPSK	1	1	20.85	20.91	20.85	21.8
100	QPSK	1	137	20.35	20.36	20.28	
100	QPSK	1	271	20.79	20.89	20.83	
100	QPSK	135	0	20.78	20.78	20.76	21.8
100	QPSK	135	69	20.54	20.60	20.54	21.8
100	QPSK	135	138	20.63	20.72	20.62	21.8
100	QPSK	270	0	20.83	20.83	20.78	
100	16QAM	1	1	21.21	21.30	21.24	21.8
100	64QAM	1	1	21.30	21.34	21.34	21.8
100	256QAM	1	1	20.71	20.80	20.74	20.8
Channel				508200	518598	528996	21.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.26	21.37	21.29	21.8
Channel				507204	518598	529998	21.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.24	21.31	21.32	21.8
Channel				505200	518598	531996	21.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.28	21.32	21.23	21.8
Channel				504204	518598	532998	21.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.30	21.31	21.28	21.8
Channel				503202	518598	534000	21.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.26	21.28	21.32	21.8
Channel				502200	518598	534996	21.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.26	21.35	21.25	21.8
Channel				501204	518598	535998	21.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.30	21.30	21.23	21.8
Channel				500700	518598	536496	21.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.24	21.29	21.27	21.8
Channel				500202	518598	537000	21.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.21	21.34	21.22	21.8



FR1-TDD n41 PC3\_Sub (Index 3)

Ant 5							
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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	20.31	20.36	20.31	20.6
100	PI/2 BPSK	1	137	19.55	19.53	19.41	
100	PI/2 BPSK	1	271	19.86	19.95	19.89	
100	PI/2 BPSK	135	0	19.73	19.79	19.72	20.6
100	PI/2 BPSK	135	69	19.80	19.85	19.72	20.6
100	PI/2 BPSK	135	138	19.74	19.80	19.76	20.6
100	PI/2 BPSK	270	0	19.84	19.83	19.80	
100	QPSK	1	1	19.84	19.87	19.78	
100	QPSK	1	137	19.35	19.29	19.20	20.6
100	QPSK	1	271	19.76	19.79	19.81	
100	QPSK	135	0	19.69	19.74	19.71	
100	QPSK	135	69	19.50	19.50	19.54	20.6
100	QPSK	135	138	19.56	19.72	19.58	20.6
100	QPSK	270	0	19.75	19.82	19.69	
100	16QAM	1	1	20.13	20.24	20.17	
100	64QAM	1	1	20.26	20.28	20.34	20.6
100	256QAM	1	1	20.22	20.25	20.23	20.6
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	20.28	20.31	20.26	20.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	20.23	20.31	20.31	20.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	20.31	20.32	20.25	20.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	20.30	20.28	20.24	20.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	20.27	20.31	20.26	20.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	20.30	20.35	20.29	20.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	20.26	20.32	20.28	20.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	20.23	20.32	20.29	20.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	20.25	20.35	20.29	20.6



FR1-TDD n41 PC3\_Sub (Index 4)

Ant 5							
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	22.3
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.52	21.57	21.47	22.3
100	PI/2 BPSK	1	137	20.87	20.92	20.89	
100	PI/2 BPSK	1	271	21.34	21.35	21.34	
100	PI/2 BPSK	135	0	21.19	21.24	21.15	22.3
100	PI/2 BPSK	135	69	20.98	21.26	21.04	22.3
100	PI/2 BPSK	135	138	21.08	21.16	21.14	22.3
100	PI/2 BPSK	270	0	21.24	21.26	21.19	
100	QPSK	1	1	21.48	21.53	21.53	22.3
100	QPSK	1	137	20.98	21.06	20.96	
100	QPSK	1	271	21.37	21.47	21.40	
100	QPSK	135	0	21.36	21.37	21.29	22.3
100	QPSK	135	69	21.11	21.17	21.13	22.3
100	QPSK	135	138	21.23	21.26	21.25	22.3
100	QPSK	270	0	20.93	20.98	20.95	
100	16QAM	1	1	21.51	21.56	21.49	22.3
100	64QAM	1	1	21.48	21.50	21.51	22.3
100	256QAM	1	1	20.51	20.52	20.50	20.8
Channel				508200	518598	528996	22.3
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.46	21.47	21.46	22.3
Channel				507204	518598	529998	22.3
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.52	21.50	21.46	22.3
Channel				505200	518598	531996	22.3
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.50	21.51	21.42	22.3
Channel				504204	518598	532998	22.3
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.52	21.50	21.44	22.3
Channel				503202	518598	534000	22.3
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.42	21.50	21.39	22.3
Channel				502200	518598	534996	22.3
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.44	21.51	21.45	22.3
Channel				501204	518598	535998	22.3
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.48	21.52	21.41	22.3
Channel				500700	518598	536496	22.3
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.51	21.51	21.38	22.3
Channel				500202	518598	537000	22.3
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.47	21.56	21.43	22.3



FR1-TDD n41 PC3\_Sub (Index 5)

Ant 5							
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	23.5
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.57	21.63	21.61	23.5
100	PI/2 BPSK	1	137	21.59	21.55	21.57	
100	PI/2 BPSK	1	271	21.59	21.57	21.60	
100	PI/2 BPSK	135	0	21.68	21.78	21.57	23.5
100	PI/2 BPSK	135	69	21.72	21.78	21.73	23.5
100	PI/2 BPSK	135	138	21.55	21.67	21.73	23.5
100	PI/2 BPSK	270	0	21.59	21.72	21.73	
100	QPSK	1	1	21.59	21.58	21.74	
100	QPSK	1	137	21.57	21.66	21.59	23.5
100	QPSK	1	271	21.62	21.60	21.62	
100	QPSK	135	0	21.51	21.50	21.54	
100	QPSK	135	69	21.75	21.41	21.72	23.5
100	QPSK	135	138	21.73	21.72	21.73	23.5
100	QPSK	270	0	21.78	21.23	21.77	
100	16QAM	1	1	21.71	21.75	21.73	
100	64QAM	1	1	21.33	21.27	21.30	21.5
100	256QAM	1	1	19.47	19.40	19.37	19.5
Channel				508200	518598	528996	23.5
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.50	21.56	21.56	23.5
Channel				507204	518598	529998	23.5
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.49	21.60	21.61	23.5
Channel				505200	518598	531996	23.5
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.57	21.57	21.57	23.5
Channel				504204	518598	532998	23.5
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.47	21.58	21.56	23.5
Channel				503202	518598	534000	23.5
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.52	21.56	21.58	23.5
Channel				502200	518598	534996	23.5
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.50	21.63	21.57	23.5
Channel				501204	518598	535998	23.5
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.51	21.59	21.60	23.5
Channel				500700	518598	536496	23.5
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.53	21.56	21.61	23.5
Channel				500202	518598	537000	23.5
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.48	21.62	21.59	23.5





FR1-TDD n41 PC3\_Sub (Index 6)

Ant 5							
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	22.3
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	21.57	21.63	21.61	22.3
100	PI/2 BPSK	1	137	21.59	21.55	21.57	
100	PI/2 BPSK	1	271	21.59	21.57	21.60	
100	PI/2 BPSK	135	0	21.68	21.78	21.57	22.3
100	PI/2 BPSK	135	69	21.72	21.78	21.73	22.3
100	PI/2 BPSK	135	138	21.55	21.67	21.73	22.3
100	PI/2 BPSK	270	0	21.59	21.72	21.73	
100	QPSK	1	1	21.59	21.58	21.74	22.3
100	QPSK	1	137	21.57	21.66	21.59	
100	QPSK	1	271	21.62	21.60	21.62	
100	QPSK	135	0	21.51	21.50	21.54	22.3
100	QPSK	135	69	21.75	21.41	21.72	22.3
100	QPSK	135	138	21.73	21.72	21.73	22.3
100	QPSK	270	0	21.78	21.23	21.77	
100	16QAM	1	1	21.71	21.75	21.73	22.3
100	64QAM	1	1	21.33	21.27	21.30	21.8
100	256QAM	1	1	19.47	19.40	19.37	19.8
Channel				508200	518598	528996	22.3
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	21.50	21.56	21.56	22.3
Channel				507204	518598	529998	22.3
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	21.49	21.60	21.61	22.3
Channel				505200	518598	531996	22.3
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	21.57	21.57	21.57	22.3
Channel				504204	518598	532998	22.3
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	21.47	21.58	21.56	22.3
Channel				503202	518598	534000	22.3
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	21.52	21.56	21.58	22.3
Channel				502200	518598	534996	22.3
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	21.50	21.63	21.57	22.3
Channel				501204	518598	535998	22.3
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	21.51	21.59	21.60	22.3
Channel				500700	518598	536496	22.3
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	21.53	21.56	21.61	22.3
Channel				500202	518598	537000	22.3
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	21.48	21.62	21.59	22.3



FR1-TDD n41 PC2\_Sub (Index 1/5)

Ant 5							
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	25.9
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.80	24.81	24.72	25.9
100	PI/2 BPSK	1	137	24.79	24.75	24.71	
100	PI/2 BPSK	1	271	24.53	24.44	24.42	
100	PI/2 BPSK	135	0	24.90	24.91	24.85	25.4
100	PI/2 BPSK	135	69	24.91	24.92	24.86	25.9
100	PI/2 BPSK	135	138	24.89	24.90	24.83	25.4
100	PI/2 BPSK	270	0	24.84	24.91	24.88	
100	QPSK	1	1	24.69	24.76	24.66	
100	QPSK	1	137	24.77	24.84	24.89	25.9
100	QPSK	1	271	24.43	24.53	24.47	
100	QPSK	135	0	24.87	24.88	24.86	
100	QPSK	135	69	24.99	24.90	24.90	25.9
100	QPSK	135	138	24.88	24.85	24.79	24.9
100	QPSK	270	0	24.85	24.89	24.80	
100	16QAM	1	1	24.88	24.81	24.77	
100	64QAM	1	1	23.16	23.21	23.27	24.4
100	256QAM	1	1	21.14	21.16	21.06	23.0
Channel				508200	518598	528996	25.9
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.64	24.62	24.56	25.9
Channel				507204	518598	529998	25.9
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.57	24.68	25.9
Channel				505200	518598	531996	25.9
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.71	24.61	24.68	25.9
Channel				504204	518598	532998	25.9
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.65	24.64	24.62	25.9
Channel				503202	518598	534000	25.9
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.61	24.55	24.69	25.9
Channel				502200	518598	534996	25.9
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.70	24.68	24.55	25.9
Channel				501204	518598	535998	25.9
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.62	24.66	24.60	25.9
Channel				500700	518598	536496	25.9
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.55	24.57	24.66	25.9
Channel				500202	518598	537000	25.9
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.60	24.68	24.50	25.9



FR1-TDD n41 PC2\_Sub (Index 2)

Ant 5							
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	24.8
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.18	24.19	24.17	24.8
100	PI/2 BPSK	1	137	23.46	23.48	23.45	
100	PI/2 BPSK	1	271	23.83	23.89	23.86	
100	PI/2 BPSK	135	0	23.59	23.64	23.58	24.8
100	PI/2 BPSK	135	69	23.56	23.65	23.59	24.8
100	PI/2 BPSK	135	138	23.61	23.63	23.62	24.8
100	PI/2 BPSK	270	0	23.62	23.72	23.63	
100	QPSK	1	1	24.18	24.18	24.16	24.8
100	QPSK	1	137	23.45	23.49	23.47	
100	QPSK	1	271	23.89	23.91	23.86	
100	QPSK	135	0	23.72	23.80	23.76	24.8
100	QPSK	135	69	23.55	23.58	23.55	24.8
100	QPSK	135	138	23.56	23.66	23.56	24.8
100	QPSK	270	0	23.75	23.75	23.69	
100	16QAM	1	1	24.18	24.14	24.17	24.8
100	64QAM	1	1	24.15	24.16	24.15	24.8
100	256QAM	1	1	22.72	22.81	22.73	23.8
Channel				508200	518598	528996	24.8
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.17	24.18	24.13	24.8
Channel				507204	518598	529998	24.8
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.12	24.18	24.07	24.8
Channel				505200	518598	531996	24.8
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.09	24.10	24.07	24.8
Channel				504204	518598	532998	24.8
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.09	24.13	24.10	24.8
Channel				503202	518598	534000	24.8
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.13	24.14	24.11	24.8
Channel				502200	518598	534996	24.8
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.17	24.15	24.15	24.8
Channel				501204	518598	535998	24.8
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.12	24.10	24.17	24.8
Channel				500700	518598	536496	24.8
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.09	24.10	24.16	24.8
Channel				500202	518598	537000	24.8
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.12	24.18	24.15	24.8



FR1-TDD n41 PC2\_Sub (Index 3)

Ant 5							
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	Tune-up limit (dBm)
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	23.14	23.17	23.13	23.6
100	PI/2 BPSK	1	137	22.36	22.40	22.37	
100	PI/2 BPSK	1	271	22.81	22.79	22.84	
100	PI/2 BPSK	135	0	22.53	22.56	22.48	23.6
100	PI/2 BPSK	135	69	22.54	22.64	22.51	23.6
100	PI/2 BPSK	135	138	22.51	22.63	22.59	23.6
100	PI/2 BPSK	270	0	22.61	22.66	22.53	
100	QPSK	1	1	23.09	23.08	23.08	23.6
100	QPSK	1	137	22.42	22.42	22.41	
100	QPSK	1	271	22.89	22.90	22.76	
100	QPSK	135	0	22.63	22.74	22.66	23.6
100	QPSK	135	69	22.52	22.53	22.47	23.6
100	QPSK	135	138	22.54	22.60	22.48	23.6
100	QPSK	270	0	22.71	22.74	22.61	
100	16QAM	1	1	23.15	23.15	23.14	23.6
100	64QAM	1	1	23.15	23.08	23.09	23.6
100	256QAM	1	1	22.61	22.65	22.63	23.6
Channel				508200	518598	528996	Tune-up limit (dBm)
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	23.15	23.16	23.15	23.6
Channel				507204	518598	529998	Tune-up limit (dBm)
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	23.17	23.09	23.09	23.6
Channel				505200	518598	531996	Tune-up limit (dBm)
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	23.17	23.15	23.07	23.6
Channel				504204	518598	532998	Tune-up limit (dBm)
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	23.11	23.13	23.14	23.6
Channel				503202	518598	534000	Tune-up limit (dBm)
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	23.14	23.17	23.10	23.6
Channel				502200	518598	534996	Tune-up limit (dBm)
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	23.09	23.15	23.17	23.6
Channel				501204	518598	535998	Tune-up limit (dBm)
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	23.11	23.10	23.15	23.6
Channel				500700	518598	536496	Tune-up limit (dBm)
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	23.14	23.15	23.10	23.6
Channel				500202	518598	537000	Tune-up limit (dBm)
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	23.08	23.10	23.16	23.6



FR1-TDD n41 PC2\_Sub (Index 4/6)

Ant 5							
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	25.3
Frequency (MHz)				2546.01	2592.99	2640	
100	PI/2 BPSK	1	1	24.80	24.81	24.72	25.3
100	PI/2 BPSK	1	137	24.79	24.75	24.71	
100	PI/2 BPSK	1	271	24.53	24.44	24.42	
100	PI/2 BPSK	135	0	24.90	24.91	24.85	25.3
100	PI/2 BPSK	135	69	24.91	24.92	24.86	25.3
100	PI/2 BPSK	135	138	24.89	24.90	24.83	25.3
100	PI/2 BPSK	270	0	24.84	24.91	24.88	
100	QPSK	1	1	24.69	24.76	24.66	25.3
100	QPSK	1	137	24.77	24.84	24.89	
100	QPSK	1	271	24.43	24.53	24.47	
100	QPSK	135	0	24.87	24.88	24.86	25.3
100	QPSK	135	69	24.99	24.90	24.90	25.3
100	QPSK	135	138	24.88	24.85	24.79	25.3
100	QPSK	270	0	24.85	24.89	24.80	
100	16QAM	1	1	24.88	24.81	24.77	25.3
100	64QAM	1	1	23.16	23.21	23.27	24.3
100	256QAM	1	1	21.14	21.16	21.06	22.8
Channel				508200	518598	528996	25.3
Frequency (MHz)				2541	2592.99	2644.98	
90	PI/2 BPSK	1	1	24.64	24.62	24.56	25.3
Channel				507204	518598	529998	25.3
Frequency (MHz)				2536.02	2592.99	2649.99	
80	PI/2 BPSK	1	1	24.59	24.57	24.68	25.3
Channel				505200	518598	531996	25.3
Frequency (MHz)				2526	2592.99	2659.98	
60	PI/2 BPSK	1	1	24.71	24.61	24.68	25.3
Channel				504204	518598	532998	25.3
Frequency (MHz)				2521.02	2592.99	2664.99	
50	PI/2 BPSK	1	1	24.65	24.64	24.62	25.3
Channel				503202	518598	534000	25.3
Frequency (MHz)				2516.01	2592.99	2670	
40	PI/2 BPSK	1	1	24.61	24.55	24.69	25.3
Channel				502200	518598	534996	25.3
Frequency (MHz)				2511	2592.99	2674.98	
30	PI/2 BPSK	1	1	24.70	24.68	24.55	25.3
Channel				501204	518598	535998	25.3
Frequency (MHz)				2506.02	2592.99	2679.99	
20	PI/2 BPSK	1	1	24.62	24.66	24.60	25.3
Channel				500700	518598	536496	25.3
Frequency (MHz)				2503.5	2592.99	2682.48	
15	PI/2 BPSK	1	1	24.55	24.57	24.66	25.3
Channel				500202	518598	537000	25.3
Frequency (MHz)				2501.01	2592.99	2685	
10	PI/2 BPSK	1	1	24.60	24.68	24.50	25.3



**FR1-TDD n41 PC1.5 UL MIMO\_ (Index 1/2/3/4/5/6)**

Ant 2							
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	QPSK	1	1	24.92	24.98	24.86	25.9

**FR1-TDD n41 PC1.5 UL MIMO\_ (Index 1/2/3/5/6)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	24.94	24.96	24.85	25.9

**FR1-TDD n41 PC1.5 UL MIMO\_ (Index 4)**

Ant 0							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	24.94	24.96	24.85	25.0



FR1-TDD n41 PC1.5 UL MIMO\_Sub (Index 1/4/5/6)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	24.55	24.56	24.45	25.9

FR1-TDD n41 PC1.5 UL MIMO\_Sub (Index 2)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	24.55	24.56	24.45	25.0

FR1-TDD n41 PC1.5 UL MIMO\_Sub (Index 3)

Ant 1							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				509202	518598	528000	
Frequency (MHz)				2546.01	2592.99	2640	
100	QPSK	1	1	22.92	22.91	22.82	23.8

FR1-TDD n41 PC1.5 UL MIMO\_Sub (Index 1/2/3/4/5/6)

Ant 5							
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	QPSK	1	1	24.12	24.05	23.91	25.9



FR1-TDD n48\_ (Index 1/2/3)

Ant 6							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	25.19	25.39	24.99	25.40	25.40	25.40
10	PI/2 BPSK	1	22	25.14	25.31	25.06	25.40	25.40	25.40
10	PI/2 BPSK	12	6	25.15	25.36	24.92	25.40	25.40	25.40
10	PI/2 BPSK	1	0	24.73	24.99	24.54	25.40	25.40	25.40
10	PI/2 BPSK	1	23	24.66	24.80	24.56	24.90	24.90	24.90
10	PI/2 BPSK	24	0	24.64	24.86	24.45	24.90	24.90	24.90
10	QPSK	1	1	25.20	25.31	25.02	25.40	25.40	25.40
10	QPSK	1	22	25.21	25.17	25.04	25.40	25.40	25.40
10	QPSK	12	6	25.25	25.34	24.95	25.40	25.40	25.40
10	QPSK	1	0	24.21	24.32	24.04	24.40	24.40	24.40
10	QPSK	1	23	24.19	24.14	24.04	24.40	24.40	24.40
10	QPSK	24	0	24.12	24.20	23.92	24.40	24.40	24.40
10	16QAM	1	1	24.32	24.54	24.01	24.90	24.90	24.90
10	64QAM	1	1	22.75	22.91	22.34	22.90	23.40	22.90
10	256QAM	1	1	20.54	21.03	20.41	20.90	21.40	20.90
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	21.17	25.37	25.13	21.40	25.40	25.40
15	PI/2 BPSK	1	36	25.19	25.10	20.91	25.40	25.40	21.40
15	PI/2 BPSK	18	9	25.13	25.27	24.87	25.40	25.40	25.40
15	PI/2 BPSK	1	0	21.15	24.92	24.61	21.40	25.40	25.40
15	PI/2 BPSK	1	37	24.71	24.71	20.93	24.90	24.90	21.40
15	PI/2 BPSK	36	0	21.14	24.77	20.91	21.40	24.90	21.40
15	QPSK	1	1	21.18	25.31	25.12	21.40	25.40	25.40
15	QPSK	1	36	25.18	25.17	20.96	25.40	25.40	21.40
15	QPSK	18	9	25.12	25.27	24.87	25.40	25.40	24.90
15	QPSK	1	0	21.19	24.36	24.11	21.40	24.40	24.40
15	QPSK	1	37	24.16	24.17	20.91	24.40	24.40	21.40
15	QPSK	36	0	21.14	24.30	20.91	21.40	24.40	21.40
15	16QAM	1	1	20.13	24.44	23.81	20.40	24.90	23.90
15	64QAM	1	1	20.17	22.97	22.41	20.40	23.40	22.90
15	256QAM	1	1	20.57	20.85	20.52	20.90	20.90	20.90
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	21.22	25.37	25.17	21.40	25.40	25.40
20	PI/2 BPSK	1	49	25.13	25.19	20.91	25.40	25.40	21.40
20	PI/2 BPSK	25	12	25.20	25.30	24.89	25.40	25.40	25.40
20	PI/2 BPSK	1	0	21.22	24.91	24.68	21.40	25.40	24.90
20	PI/2 BPSK	1	50	24.67	24.67	20.88	24.90	24.90	21.90
20	PI/2 BPSK	50	0	21.18	24.78	20.86	21.40	24.90	21.90
20	QPSK	1	1	21.25	25.34	25.13	21.40	25.40	25.40
20	QPSK	1	49	25.21	25.16	20.88	25.40	25.40	21.90
20	QPSK	25	12	25.21	25.31	24.82	25.40	25.40	24.90
20	QPSK	1	0	21.22	24.41	24.17	21.40	24.90	24.40
20	QPSK	1	50	24.17	24.17	20.87	24.40	24.40	20.90
20	QPSK	50	0	21.21	24.29	20.97	21.40	24.40	21.40
20	16QAM	1	1	20.24	25.31	24.35	20.90	25.40	24.40
20	64QAM	1	1	20.19	22.91	22.47	20.40	23.40	22.90
20	256QAM	1	1	20.64	20.91	20.57	20.90	21.40	20.90
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332





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30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.85	21.61	14.71	14.90	21.90	14.90
40	PI/2 BPSK	1	104	14.47	21.11	14.35	14.90	21.40	14.90
40	PI/2 BPSK	50	25	14.71	25.35	14.64	14.90	25.40	14.90
40	PI/2 BPSK	1	0	14.83	21.59	14.74	14.90	21.40	14.90
40	PI/2 BPSK	1	105	14.48	21.09	14.37	14.90	21.40	14.90
40	PI/2 BPSK	100	0	14.75	20.84	14.62	14.90	20.90	14.90
40	QPSK	1	1	14.83	21.60	14.76	14.90	21.90	14.90
40	QPSK	1	104	14.48	21.11	14.37	14.90	21.40	14.90
40	QPSK	50	25	14.70	25.34	14.61	14.90	25.40	14.90
40	QPSK	1	0	14.84	21.61	14.75	14.90	21.90	14.90
40	QPSK	1	105	14.45	21.09	14.39	14.90	21.40	14.90
40	QPSK	100	0	14.71	20.91	14.61	14.90	21.40	14.90
40	16QAM	1	1	14.35	21.67	14.38	14.90	21.90	14.90
40	64QAM	1	1	14.29	21.49	14.37	14.90	21.90	14.90
40	256QAM	1	1	14.27	21.09	14.31	14.90	21.40	14.90



FR1-TDD n48\_ (Index 4/6)

Ant 6							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	22.06	22.28	22.23	22.70	22.70	22.70
10	PI/2 BPSK	1	22	22.05	22.25	22.22	22.70	22.70	22.70
10	PI/2 BPSK	12	6	22.22	22.27	22.20	22.70	22.70	22.70
10	PI/2 BPSK	1	0	22.06	22.27	22.19	22.70	22.70	22.70
10	PI/2 BPSK	1	23	22.05	22.21	22.15	22.70	22.70	22.70
10	PI/2 BPSK	24	0	22.22	22.26	22.15	22.70	22.70	22.70
10	QPSK	1	1	22.01	22.26	22.16	22.70	22.70	22.70
10	QPSK	1	22	22.00	22.22	22.18	22.70	22.70	22.70
10	QPSK	12	6	22.15	22.26	22.15	22.70	22.70	22.70
10	QPSK	1	0	21.98	22.17	22.19	22.70	22.70	22.70
10	QPSK	1	23	21.98	22.18	22.09	22.70	22.70	22.70
10	QPSK	24	0	22.17	22.24	22.14	22.70	22.70	22.70
10	16QAM	1	1	22.04	22.15	22.08	22.70	22.70	22.70
10	64QAM	1	1	22.05	22.41	22.34	22.70	22.70	22.70
10	256QAM	1	1	20.54	21.03	20.41	20.90	21.40	20.90
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	21.17	22.21	22.15	21.40	22.70	22.70
15	PI/2 BPSK	1	36	22.18	22.19	20.91	22.70	22.70	21.40
15	PI/2 BPSK	18	9	22.22	22.21	22.08	22.70	22.70	22.70
15	PI/2 BPSK	1	0	21.15	22.21	22.14	21.40	22.70	22.70
15	PI/2 BPSK	1	37	22.15	22.12	20.93	22.70	22.70	21.40
15	PI/2 BPSK	36	0	21.14	22.19	20.91	21.40	22.70	21.40
15	QPSK	1	1	21.18	22.23	22.15	21.40	22.70	22.70
15	QPSK	1	36	22.11	22.19	20.96	22.70	22.70	21.40
15	QPSK	18	9	22.21	22.22	22.15	22.70	22.70	22.70
15	QPSK	1	0	21.19	22.25	22.11	21.40	22.70	22.70
15	QPSK	1	37	22.25	22.21	20.91	22.70	22.70	21.40
15	QPSK	36	0	21.14	22.22	20.91	21.40	22.70	21.40
15	16QAM	1	1	20.13	22.03	22.10	20.40	22.70	22.70
15	64QAM	1	1	20.17	22.01	22.41	20.40	22.70	22.70
15	256QAM	1	1	20.57	20.85	20.52	20.90	20.90	20.90
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	21.22	22.22	22.15	21.40	22.70	22.70
20	PI/2 BPSK	1	49	22.15	22.16	20.91	22.70	22.70	21.40
20	PI/2 BPSK	25	12	22.04	22.15	22.22	22.70	22.70	22.70
20	PI/2 BPSK	1	0	21.22	22.14	22.19	21.40	22.70	22.70
20	PI/2 BPSK	1	50	22.16	22.10	20.88	22.70	22.70	21.90
20	PI/2 BPSK	50	0	21.18	22.06	20.86	21.40	22.70	21.90
20	QPSK	1	1	21.25	22.09	22.18	21.40	22.70	22.70
20	QPSK	1	49	22.14	22.12	20.88	22.70	22.70	21.90
20	QPSK	25	12	22.05	22.06	22.15	22.70	22.70	22.70
20	QPSK	1	0	21.22	22.08	22.16	21.40	22.70	22.70
20	QPSK	1	50	22.23	22.15	20.87	22.70	22.70	20.90
20	QPSK	50	0	21.21	22.14	20.97	21.40	22.70	21.40
20	16QAM	1	1	20.24	22.21	22.19	20.90	22.70	22.70
20	64QAM	1	1	20.19	22.23	22.47	20.40	22.70	22.70
20	256QAM	1	1	20.64	20.91	20.57	20.90	21.40	20.90
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332



30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.85	21.61	14.71	14.90	21.90	14.90
40	PI/2 BPSK	1	104	14.47	21.11	14.35	14.90	21.40	14.90
40	PI/2 BPSK	50	25	14.71	22.27	14.64	14.90	22.70	14.90
40	PI/2 BPSK	1	0	14.83	21.59	14.74	14.90	21.40	14.90
40	PI/2 BPSK	1	105	14.48	21.09	14.37	14.90	21.40	14.90
40	PI/2 BPSK	100	0	14.75	20.84	14.62	14.90	20.90	14.90
40	QPSK	1	1	14.83	21.60	14.76	14.90	21.90	14.90
40	QPSK	1	104	14.48	21.11	14.37	14.90	21.40	14.90
40	QPSK	50	25	14.70	22.21	14.61	14.90	22.70	14.90
40	QPSK	1	0	14.84	21.61	14.75	14.90	21.90	14.90
40	QPSK	1	105	14.45	21.09	14.39	14.90	21.40	14.90
40	QPSK	100	0	14.71	20.91	14.61	14.90	21.40	14.90
40	16QAM	1	1	14.35	21.67	14.38	14.90	21.90	14.90
40	64QAM	1	1	14.29	21.49	14.37	14.90	21.90	14.90
40	256QAM	1	1	14.27	21.09	14.31	14.90	21.40	14.90



FR1-TDD n48\_ (Index 5)

Ant 6							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	23.10	23.28	23.22	23.90	23.90	23.90
10	PI/2 BPSK	1	22	23.07	23.27	23.20	23.90	23.90	23.90
10	PI/2 BPSK	12	6	23.21	23.28	23.16	23.90	23.90	23.90
10	PI/2 BPSK	1	0	23.04	23.26	23.19	23.90	23.90	23.90
10	PI/2 BPSK	1	23	23.09	23.22	23.22	23.90	23.90	23.90
10	PI/2 BPSK	24	0	23.25	23.28	23.22	23.90	23.90	23.90
10	QPSK	1	1	23.06	23.27	23.20	23.90	23.90	23.90
10	QPSK	1	22	23.04	23.22	23.14	23.90	23.90	23.90
10	QPSK	12	6	23.12	23.27	23.06	23.90	23.90	23.90
10	QPSK	1	0	23.03	23.20	23.14	23.90	23.90	23.90
10	QPSK	1	23	23.06	23.20	23.21	23.90	23.90	23.90
10	QPSK	24	0	23.24	23.25	23.16	23.90	23.90	23.90
10	16QAM	1	1	23.07	23.24	23.15	23.90	23.90	23.90
10	64QAM	1	1	22.75	22.91	22.34	22.90	23.40	22.90
10	256QAM	1	1	20.54	21.03	20.41	20.90	21.40	20.90
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	PI/2 BPSK	1	1	21.17	23.26	23.15	21.40	23.90	23.90
15	PI/2 BPSK	1	36	23.04	23.27	20.91	23.90	23.90	21.40
15	PI/2 BPSK	18	9	23.06	23.18	23.19	23.90	23.90	23.90
15	PI/2 BPSK	1	0	21.15	23.26	23.21	21.40	23.90	23.90
15	PI/2 BPSK	1	37	23.11	23.15	20.93	23.90	23.90	21.40
15	PI/2 BPSK	36	0	21.14	23.20	20.91	21.40	23.90	21.40
15	QPSK	1	1	21.18	23.26	23.20	21.40	23.90	23.90
15	QPSK	1	36	23.26	23.18	20.96	23.90	23.90	21.40
15	QPSK	18	9	23.23	23.19	23.19	23.90	23.90	23.90
15	QPSK	1	0	21.19	23.25	23.22	21.40	23.90	23.90
15	QPSK	1	37	23.05	23.27	20.91	23.90	23.90	21.40
15	QPSK	36	0	21.14	23.18	20.91	21.40	23.90	21.40
15	16QAM	1	1	20.13	23.21	23.15	20.40	23.90	23.90
15	64QAM	1	1	20.17	22.97	22.41	20.40	23.40	22.90
15	256QAM	1	1	20.57	20.85	20.52	20.90	20.90	20.90
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560.01	3624.99	3690	3560.01	3624.99	3690
20	PI/2 BPSK	1	1	21.22	23.18	23.21	21.40	23.90	23.90
20	PI/2 BPSK	1	49	23.21	23.27	20.91	23.90	23.90	21.40
20	PI/2 BPSK	25	12	23.25	23.25	23.27	23.90	23.90	23.90
20	PI/2 BPSK	1	0	21.22	23.25	23.23	21.40	23.90	23.90
20	PI/2 BPSK	1	50	23.22	23.12	20.88	23.90	23.90	21.90
20	PI/2 BPSK	50	0	21.18	23.23	20.86	21.40	23.90	21.90
20	QPSK	1	1	21.25	23.27	23.22	21.40	23.90	23.90
20	QPSK	1	49	23.27	23.24	20.88	23.90	23.90	21.90
20	QPSK	25	12	23.17	23.24	23.19	23.90	23.90	23.90
20	QPSK	1	0	21.22	23.26	23.16	21.40	23.90	23.90
20	QPSK	1	50	23.22	23.25	20.87	23.90	23.90	20.90
20	QPSK	50	0	21.21	23.20	20.97	21.40	23.90	21.40
20	16QAM	1	1	20.24	23.24	23.22	20.90	23.90	23.90
20	64QAM	1	1	20.19	22.91	22.47	20.40	23.40	22.90
20	256QAM	1	1	20.64	20.91	20.57	20.90	21.40	20.90
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332



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30kHz		Frequency (MHz)		3570	3624.99	3679.98	3570	3624.99	3679.98
40	PI/2 BPSK	1	1	14.85	21.61	14.71	14.90	21.90	14.90
40	PI/2 BPSK	1	104	14.47	21.11	14.35	14.90	21.40	14.90
40	PI/2 BPSK	50	25	14.71	23.28	14.64	14.90	23.90	14.90
40	PI/2 BPSK	1	0	14.83	21.59	14.74	14.90	21.40	14.90
40	PI/2 BPSK	1	105	14.48	21.09	14.37	14.90	21.40	14.90
40	PI/2 BPSK	100	0	14.75	20.84	14.62	14.90	20.90	14.90
40	QPSK	1	1	14.83	21.60	14.76	14.90	21.90	14.90
40	QPSK	1	104	14.48	21.11	14.37	14.90	21.40	14.90
40	QPSK	50	25	14.70	23.27	14.61	14.90	23.90	14.90
40	QPSK	1	0	14.84	21.61	14.75	14.90	21.90	14.90
40	QPSK	1	105	14.45	21.09	14.39	14.90	21.40	14.90
40	QPSK	100	0	14.71	20.91	14.61	14.90	21.40	14.90
40	16QAM	1	1	14.35	21.67	14.38	14.90	21.90	14.90
40	64QAM	1	1	14.29	21.49	14.37	14.90	21.90	14.90
40	256QAM	1	1	14.27	21.09	14.31	14.90	21.40	14.90



FR1-TDD n48\_ (Index 1/2/3)

Ant 7							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	23.30	23.60	23.50	24.80	24.80	24.80
10	PI/2 BPSK	1	22	23.40	23.50	23.60	24.80	24.80	24.80
10	PI/2 BPSK	12	6	23.30	23.40	23.50	24.80	24.80	24.80
10	PI/2 BPSK	1	0	22.90	23.10	23.10	23.80	23.80	23.80
10	PI/2 BPSK	1	23	23.00	23.00	23.10	23.80	23.80	23.80
10	PI/2 BPSK	24	0	23.00	23.00	23.10	23.80	23.80	23.80
10	QPSK	1	1	23.40	23.40	23.40	24.30	24.30	24.30
10	QPSK	1	22	23.40	23.30	23.40	24.30	24.30	24.30
10	QPSK	12	6	23.30	23.40	23.50	24.30	24.30	24.30
10	QPSK	1	0	22.40	22.60	22.50	23.30	23.30	23.30
10	QPSK	1	23	22.50	22.40	22.50	23.30	23.30	23.30
10	QPSK	24	0	22.50	22.60	22.60	23.30	23.30	23.30
10	16QAM	1	1	22.00	22.30	23.00	23.00	23.00	23.00
10	64QAM	1	1	21.30	21.00	21.30	21.80	21.80	21.80
10	256QAM	1	1	19.00	18.90	19.00	19.80	19.80	19.80
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3558	3625	3692	3558	3625	3692
15	PI/2 BPSK	1	1	17.99	22.33	22.01	18.50	22.50	22.50
15	PI/2 BPSK	1	36	22.10	21.94	17.83	22.50	22.50	18.00
15	PI/2 BPSK	18	9	22.01	22.22	21.86	22.50	22.50	22.00
15	PI/2 BPSK	1	0	17.99	21.72	21.43	18.50	22.00	21.50
15	PI/2 BPSK	1	37	21.58	21.61	17.77	22.00	22.00	18.00
15	PI/2 BPSK	36	0	18.00	21.64	17.71	18.50	22.00	18.00
15	QPSK	1	1	18.00	22.13	22.04	18.50	22.50	22.50
15	QPSK	1	36	22.06	22.00	17.88	22.50	22.50	18.00
15	QPSK	18	9	21.99	22.17	21.70	22.50	22.50	22.00
15	QPSK	1	0	18.18	21.27	21.07	18.50	21.50	21.50
15	QPSK	1	37	21.02	21.09	17.82	21.50	21.50	18.00
15	QPSK	36	0	18.09	21.15	17.79	18.50	21.50	18.00
15	16QAM	1	1	16.98	21.30	20.75	17.50	21.50	21.00
15	64QAM	1	1	17.06	19.80	19.34	17.50	20.00	19.50
15	256QAM	1	1	17.43	17.67	17.45	17.50	18.00	17.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560	3625	3690	3560	3625	3690
20	PI/2 BPSK	1	1	18.09	22.23	22.00	18.50	22.50	22.50
20	PI/2 BPSK	1	49	22.04	22.01	17.76	22.50	22.50	18.00
20	PI/2 BPSK	25	12	22.17	22.18	21.69	22.50	22.50	21.00
20	PI/2 BPSK	1	0	18.07	21.82	21.58	18.50	22.00	22.00
20	PI/2 BPSK	1	50	21.51	21.51	17.73	22.00	22.00	18.00
20	PI/2 BPSK	50	0	18.12	21.78	17.70	18.50	22.00	18.00
20	QPSK	1	1	18.18	22.18	22.08	18.50	22.50	22.50
20	QPSK	1	49	22.12	21.98	17.79	22.50	22.50	18.00
20	QPSK	25	12	22.04	22.25	21.75	22.50	22.50	22.00
20	QPSK	1	0	18.18	21.33	21.08	18.50	21.50	21.50
20	QPSK	1	50	21.00	21.03	17.86	21.50	21.50	18.00
20	QPSK	50	0	18.20	21.15	17.88	18.50	21.50	18.00
20	16QAM	1	1	17.14	22.30	21.20	17.50	22.50	21.50
20	64QAM	1	1	17.04	19.84	19.36	17.50	20.00	19.50
20	256QAM	1	1	17.47	17.82	17.47	18.00	18.00	18.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332



30kHz		Frequency (MHz)		3570	3625	3680	3570	3625	3680
40	PI/2 BPSK	1	1	13.81	20.52	13.65	14.00	21.00	14.00
40	PI/2 BPSK	1	104	13.33	20.11	13.34	14.00	20.50	14.00
40	PI/2 BPSK	50	25	13.52	22.27	13.62	14.00	22.50	14.00
40	PI/2 BPSK	1	0	13.73	20.39	13.67	14.00	20.50	14.00
40	PI/2 BPSK	1	105	13.45	20.01	13.21	14.00	20.50	14.00
40	PI/2 BPSK	100	0	13.68	19.68	13.43	14.00	20.00	14.00
40	QPSK	1	1	13.65	20.48	13.74	14.00	21.00	14.00
40	QPSK	1	104	13.45	20.02	13.26	14.00	20.50	14.00
40	QPSK	50	25	13.53	22.19	13.47	14.00	22.50	14.00
40	QPSK	1	0	13.78	20.59	13.75	14.00	21.00	14.00
40	QPSK	1	105	13.40	20.06	13.22	14.00	20.50	14.00
40	QPSK	100	0	13.63	19.85	13.60	14.00	19.00	14.00
40	16QAM	1	1	13.29	20.66	13.35	14.00	21.00	14.00
40	64QAM	1	1	13.20	20.33	13.27	14.00	20.50	14.00
40	256QAM	1	1	13.21	19.94	13.23	14.00	20.00	14.00



**FR1-TDD n48\_ (Index 4/6)**

Ant 7							Tune-up Limit		
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	21.00	20.93	20.99	21.00	21.00	21.00
10	PI/2 BPSK	1	22	20.99	20.92	20.96	21.00	21.00	21.00
10	PI/2 BPSK	12	6	20.98	20.86	20.98	21.00	21.00	21.00
10	PI/2 BPSK	1	0	20.99	20.93	20.96	21.00	21.00	21.00
10	PI/2 BPSK	1	23	20.98	20.92	20.97	21.00	21.00	21.00
10	PI/2 BPSK	24	0	21.00	20.87	20.99	21.00	21.00	21.00
10	QPSK	1	1	20.98	20.80	20.96	21.00	21.00	21.00
10	QPSK	1	22	20.95	20.76	20.98	21.00	21.00	21.00
10	QPSK	12	6	20.94	20.84	20.96	21.00	21.00	21.00
10	QPSK	1	0	20.96	20.78	20.99	21.00	21.00	21.00
10	QPSK	1	23	20.97	20.76	20.96	21.00	21.00	21.00
10	QPSK	24	0	20.95	20.83	20.98	21.00	21.00	21.00
10	16QAM	1	1	20.89	20.99	20.95	21.00	21.00	21.00
10	64QAM	1	1	20.91	20.91	20.95	21.00	21.00	21.00
10	256QAM	1	1	19.00	18.90	19.00	19.80	19.80	19.80
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3558	3624.99	3692	3558	3624.99	3692
15	PI/2 BPSK	1	1	17.99	20.93	20.99	18.50	21.00	21.00
15	PI/2 BPSK	1	36	20.98	20.89	17.83	21.00	21.00	18.00
15	PI/2 BPSK	18	9	20.98	20.66	20.98	21.00	21.00	21.00
15	PI/2 BPSK	1	0	17.99	20.83	20.99	18.50	21.00	21.00
15	PI/2 BPSK	1	37	20.90	20.91	17.77	21.00	21.00	18.00
15	PI/2 BPSK	36	0	18.00	20.82	17.71	18.50	21.00	18.00
15	QPSK	1	1	18.00	20.73	20.92	18.50	21.00	21.00
15	QPSK	1	36	20.99	20.60	17.88	21.00	21.00	18.00
15	QPSK	18	9	20.90	20.68	20.94	21.00	21.00	21.00
15	QPSK	1	0	18.18	20.70	20.98	18.50	21.00	21.00
15	QPSK	1	37	20.98	20.76	17.82	21.00	21.00	18.00
15	QPSK	36	0	18.09	20.64	17.79	18.50	21.00	18.00
15	16QAM	1	1	16.98	20.81	20.95	17.50	21.00	21.00
15	64QAM	1	1	17.06	19.80	19.34	17.50	20.00	19.50
15	256QAM	1	1	17.43	17.67	17.45	17.50	18.00	17.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560	3624.99	3690	3560	3624.99	3690
20	PI/2 BPSK	1	1	18.09	20.98	20.93	18.50	21.00	21.00
20	PI/2 BPSK	1	49	20.78	20.95	17.76	21.00	21.00	18.00
20	PI/2 BPSK	25	12	20.67	20.96	20.88	21.00	21.00	21.00
20	PI/2 BPSK	1	0	18.07	20.93	20.99	18.50	21.00	21.00
20	PI/2 BPSK	1	50	20.92	20.86	17.73	21.00	21.00	18.00
20	PI/2 BPSK	50	0	18.12	20.89	17.70	18.50	21.00	18.00
20	QPSK	1	1	18.18	20.95	20.97	18.50	21.00	21.00
20	QPSK	1	49	20.94	20.93	17.79	21.00	21.00	18.00
20	QPSK	25	12	20.96	20.90	20.80	21.00	21.00	21.00
20	QPSK	1	0	18.18	20.93	20.99	18.50	21.00	21.00
20	QPSK	1	50	20.90	20.93	17.86	21.00	21.00	18.00
20	QPSK	50	0	18.20	20.89	17.88	18.50	21.00	18.00
20	16QAM	1	1	17.14	20.90	20.97	17.50	21.00	21.00
20	64QAM	1	1	17.04	19.84	19.36	17.50	20.00	19.50
20	256QAM	1	1	17.47	17.82	17.47	18.00	18.00	18.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332





**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

30kHz		Frequency (MHz)		3570	3624.99	3680	3570	3624.99	3680
40	PI/2 BPSK	1	1	13.81	20.96	13.65	14.00	21.00	14.00
40	PI/2 BPSK	1	104	13.33	20.11	13.34	14.00	20.50	14.00
40	PI/2 BPSK	50	25	13.52	20.92	13.62	14.00	21.00	14.00
40	PI/2 BPSK	1	0	13.73	20.39	13.67	14.00	20.50	14.00
40	PI/2 BPSK	1	105	13.45	20.01	13.21	14.00	20.50	14.00
40	PI/2 BPSK	100	0	13.68	19.68	13.43	14.00	20.00	14.00
40	QPSK	1	1	13.65	20.48	13.74	14.00	21.00	14.00
40	QPSK	1	104	13.45	20.02	13.26	14.00	20.50	14.00
40	QPSK	50	25	13.53	20.51	13.47	14.00	21.00	14.00
40	QPSK	1	0	13.78	20.59	13.75	14.00	21.00	14.00
40	QPSK	1	105	13.40	20.06	13.22	14.00	20.50	14.00
40	QPSK	100	0	13.63	19.85	13.60	14.00	19.00	14.00
40	16QAM	1	1	13.29	20.66	13.35	14.00	21.00	14.00
40	64QAM	1	1	13.20	20.33	13.27	14.00	20.50	14.00
40	256QAM	1	1	13.21	19.94	13.23	14.00	20.00	14.00



FR1-TDD n48\_ (Index 5)

Ant 7				Tune-up Limit					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Sub carrier spacing		Channel		637000	641666	646332	637000	641666	646332
30kHz		Frequency (MHz)		3555	3624.99	3694.98	3555	3624.99	3694.98
10	PI/2 BPSK	1	1	21.00	20.93	20.99	22.20	22.20	22.20
10	PI/2 BPSK	1	22	20.99	20.92	20.96	22.20	22.20	22.20
10	PI/2 BPSK	12	6	20.98	20.86	20.98	22.20	22.20	22.20
10	PI/2 BPSK	1	0	20.99	20.93	20.96	22.20	22.20	22.20
10	PI/2 BPSK	1	23	20.98	20.92	20.97	22.20	22.20	22.20
10	PI/2 BPSK	24	0	21.00	20.87	20.99	22.20	22.20	22.20
10	QPSK	1	1	20.98	20.80	20.96	22.20	22.20	22.20
10	QPSK	1	22	20.95	20.76	20.98	22.20	22.20	22.20
10	QPSK	12	6	20.94	20.84	20.96	22.20	22.20	22.20
10	QPSK	1	0	20.96	20.78	20.99	22.20	22.20	22.20
10	QPSK	1	23	20.97	20.76	20.96	22.20	22.20	22.20
10	QPSK	24	0	20.95	20.83	20.98	22.20	22.20	22.20
10	16QAM	1	1	20.89	20.99	20.95	22.20	22.20	22.20
10	64QAM	1	1	20.91	20.91	20.95	21.80	21.80	21.80
10	256QAM	1	1	19.00	18.90	19.00	19.80	19.80	19.80
Sub carrier spacing		Channel		637168	641666	646166	637168	641666	646166
30kHz		Frequency (MHz)		3558	3624.99	3692	3558	3624.99	3692
15	PI/2 BPSK	1	1	17.99	20.74	22.01	18.50	22.20	22.20
15	PI/2 BPSK	1	36	22.10	21.94	17.83	22.20	22.20	18.00
15	PI/2 BPSK	18	9	22.01	20.86	21.86	22.20	22.20	22.00
15	PI/2 BPSK	1	0	17.99	21.72	21.43	18.50	22.00	21.50
15	PI/2 BPSK	1	37	21.58	21.61	17.77	22.00	22.00	18.00
15	PI/2 BPSK	36	0	18.00	21.64	17.71	18.50	22.00	18.00
15	QPSK	1	1	18.00	22.13	22.04	18.50	22.20	22.20
15	QPSK	1	36	22.06	22.00	17.88	22.20	22.20	18.00
15	QPSK	18	9	21.99	22.17	21.70	22.20	22.20	22.00
15	QPSK	1	0	18.18	21.27	21.07	18.50	21.50	21.50
15	QPSK	1	37	21.02	21.09	17.82	21.50	21.50	18.00
15	QPSK	36	0	18.09	21.15	17.79	18.50	21.50	18.00
15	16QAM	1	1	16.98	21.30	20.75	17.50	21.50	21.00
15	64QAM	1	1	17.06	19.80	19.34	17.50	20.00	19.50
15	256QAM	1	1	17.43	17.67	17.45	17.50	18.00	17.50
Sub carrier spacing		Channel		637334	641666	646000	637334	641666	646000
30kHz		Frequency (MHz)		3560	3624.99	3690	3560	3624.99	3690
20	PI/2 BPSK	1	1	18.09	20.96	22.00	18.50	22.20	22.20
20	PI/2 BPSK	1	49	22.04	22.01	17.76	22.20	22.20	18.00
20	PI/2 BPSK	25	12	22.17	22.18	21.69	22.20	22.20	21.00
20	PI/2 BPSK	1	0	18.07	21.82	21.58	18.50	22.00	22.00
20	PI/2 BPSK	1	50	21.51	21.51	17.73	22.00	22.00	18.00
20	PI/2 BPSK	50	0	18.12	21.78	17.70	18.50	22.00	18.00
20	QPSK	1	1	18.18	22.18	22.08	18.50	22.20	22.20
20	QPSK	1	49	22.12	21.98	17.79	22.20	22.20	18.00
20	QPSK	25	12	22.04	20.67	21.75	22.20	22.20	22.00
20	QPSK	1	0	18.18	21.33	21.08	18.50	21.50	21.50
20	QPSK	1	50	20.90	21.03	17.86	21.50	21.50	18.00
20	QPSK	50	0	18.20	21.15	17.88	18.50	21.50	18.00
20	16QAM	1	1	17.14	20.97	21.20	17.50	22.20	21.50
20	64QAM	1	1	17.04	19.84	19.36	17.50	20.00	19.50
20	256QAM	1	1	17.47	17.82	17.47	18.00	18.00	18.00
Sub carrier spacing		Channel		638000	641666	645332	638000	641666	645332



**FCC SAR TEST REPORT**

**Report No. : FA102843-05E**

30kHz		Frequency (MHz)		3570	3624.99	3680	3570	3624.99	3680
40	PI/2 BPSK	1	1	13.81	20.96	13.65	14.00	21.00	14.00
40	PI/2 BPSK	1	104	13.33	20.11	13.34	14.00	20.50	14.00
40	PI/2 BPSK	50	25	13.52	20.92	13.62	14.00	22.20	14.00
40	PI/2 BPSK	1	0	13.73	20.39	13.67	14.00	20.50	14.00
40	PI/2 BPSK	1	105	13.45	20.01	13.21	14.00	20.50	14.00
40	PI/2 BPSK	100	0	13.68	19.68	13.43	14.00	20.00	14.00
40	QPSK	1	1	13.65	20.48	13.74	14.00	21.00	14.00
40	QPSK	1	104	13.45	20.02	13.26	14.00	20.50	14.00
40	QPSK	50	25	13.53	22.19	13.47	14.00	22.20	14.00
40	QPSK	1	0	13.78	20.59	13.75	14.00	21.00	14.00
40	QPSK	1	105	13.40	20.06	13.22	14.00	20.50	14.00
40	QPSK	100	0	13.63	19.85	13.60	14.00	19.00	14.00
40	16QAM	1	1	13.29	20.66	13.35	14.00	21.00	14.00
40	64QAM	1	1	13.20	20.33	13.27	14.00	20.50	14.00
40	256QAM	1	1	13.21	19.94	13.23	14.00	20.00	14.00



FR1-TDD n48\_UL MIMO\_Sub (Index 1/2/4/5/6)

Ant 1				Tune-up Limit					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				637000	641666	646332	637000	641666	646332
Frequency (MHz)				3555	3624.99	3694.98	3555	3624.99	3694.98
10	QPSK	1	1	19.69	20.09	19.90	20.50	20.50	20.50
10	QPSK	1	22	19.64	19.89	19.92	20.50	20.50	20.50
10	QPSK	12	6	19.65	19.92	19.87	20.50	20.50	20.50
10	QPSK	1	0	18.19	18.52	18.40	18.50	19.00	18.50
10	QPSK	1	23	18.12	18.37	18.37	18.50	18.50	18.50
10	QPSK	24	0	18.14	18.34	18.35	18.50	18.50	18.50
10	16QAM	1	1	19.15	19.44	19.51	19.50	19.50	20.00
10	64QAM	1	1	17.53	17.69	17.81	18.00	18.00	18.00
10	256QAM	1	1	14.63	14.95	14.80	15.00	15.00	15.00
Channel				637168	641666	646166	637168	641666	646166
Frequency (MHz)				3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	QPSK	1	1	15.12	19.97	20.01	15.50	20.00	20.50
15	QPSK	1	36	19.71	15.30	15.35	20.00	15.50	15.50
15	QPSK	19	9	19.66	19.82	19.82	20.00	20.00	20.00
15	QPSK	1	0	15.21	18.45	18.42	15.50	19.00	19.00
15	QPSK	1	37	18.15	15.27	15.31	18.50	15.50	15.50
15	QPSK	38	0	15.17	15.28	15.29	15.50	15.50	15.50
15	16QAM	1	1	15.19	19.41	19.36	15.50	19.50	19.50
15	64QAM	1	1	15.21	17.89	17.92	15.50	18.00	18.00
15	256QAM	1	1	14.62	14.77	14.94	15.00	15.00	15.00
Channel				637334	641666	646000	637334	641666	646000
Frequency (MHz)				3560.01	3624.99	3690	3560.01	3624.99	3690
20	QPSK	1	1	15.21	20.11	19.94	15.50	20.50	20.00
20	QPSK	1	49	19.61	19.83	15.12	20.00	20.00	15.50
20	QPSK	25	12	19.74	19.89	19.79	20.00	20.00	20.00
20	QPSK	1	0	15.21	18.58	18.36	15.50	19.00	18.50
20	QPSK	1	50	18.13	18.31	15.14	18.50	18.50	15.50
20	QPSK	51	0	15.17	18.39	15.19	15.50	18.50	15.50
20	16QAM	1	1	15.49	19.61	19.47	16.00	20.00	20.00
20	64QAM	1	1	15.22	17.96	17.81	15.50	18.00	18.00
20	256QAM	1	1	14.66	14.99	14.90	15.00	15.00	15.00
Channel				638000	641666	645332	638000	641666	645332
Frequency (MHz)				3570	3624.99	3679.98	3570	3624.99	3679.98
40	QPSK	1	1	9.92	17.56	10.89	10.00	18.00	11.00
40	QPSK	1	104	9.74	17.43	9.69	10.00	18.00	10.00
40	QPSK	53	26	9.73	19.87	9.86	10.00	20.00	10.00
40	QPSK	1	0	10.01	17.51	10.11	10.50	18.00	10.50
40	QPSK	1	105	9.75	17.46	9.72	10.00	18.00	10.00
40	QPSK	106	0	9.73	16.87	9.86	10.00	17.00	10.00
40	16QAM	1	1	9.81	17.49	10.12	10.00	17.50	10.50
40	64QAM	1	1	9.97	17.56	10.02	10.00	18.00	10.50
40	256QAM	1	1	9.81	15.00	10.09	10.00	15.50	10.50



FR1-TDD n48\_UL MIMO\_Sub (Index 3)

Ant 1				Tune-up Limit					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				637000	641666	646332	637000	641666	646332
Frequency (MHz)				3555	3624.99	3694.98	3555	3624.99	3694.98
10	QPSK	1	1	18.94	18.95	18.94	19.30	19.30	19.30
10	QPSK	1	22	18.93	18.88	18.91	19.30	19.30	19.30
10	QPSK	12	6	18.89	18.90	18.88	19.30	19.30	19.30
10	QPSK	1	0	18.19	18.52	18.40	18.50	19.00	18.50
10	QPSK	1	23	18.12	18.37	18.37	18.50	18.50	18.50
10	QPSK	24	0	18.14	18.34	18.35	18.50	18.50	18.50
10	16QAM	1	1	19.15	18.88	18.81	19.30	19.30	19.30
10	64QAM	1	1	17.53	17.69	17.81	18.00	18.00	18.00
10	256QAM	1	1	14.63	14.95	14.80	15.00	15.00	15.00
Channel				637168	641666	646166	637168	641666	646166
Frequency (MHz)				3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	QPSK	1	1	15.12	18.94	18.81	15.50	19.30	19.30
15	QPSK	1	36	18.88	15.30	15.35	19.30	15.50	15.50
15	QPSK	19	9	18.85	18.89	18.94	19.30	19.30	19.30
15	QPSK	1	0	15.21	18.45	18.42	15.50	19.00	19.00
15	QPSK	1	37	18.15	15.27	15.31	18.50	15.50	15.50
15	QPSK	38	0	15.17	15.28	15.29	15.50	15.50	15.50
15	16QAM	1	1	15.19	18.87	18.92	15.50	19.30	19.30
15	64QAM	1	1	15.21	17.89	17.92	15.50	18.00	18.00
15	256QAM	1	1	14.62	14.77	14.94	15.00	15.00	15.00
Channel				637334	641666	646000	637334	641666	646000
Frequency (MHz)				3560.01	3624.99	3690	3560.01	3624.99	3690
20	QPSK	1	1	15.21	18.85	18.89	15.50	19.30	19.30
20	QPSK	1	49	18.94	18.95	15.12	19.30	19.30	15.50
20	QPSK	25	12	18.94	18.92	18.91	19.30	19.30	19.30
20	QPSK	1	0	15.21	18.58	18.36	15.50	19.00	18.50
20	QPSK	1	50	18.13	18.31	15.14	18.50	18.50	15.50
20	QPSK	51	0	15.17	18.39	15.19	15.50	18.50	15.50
20	16QAM	1	1	15.49	18.86	18.88	16.00	19.30	19.30
20	64QAM	1	1	15.22	17.96	17.81	15.50	18.00	18.00
20	256QAM	1	1	14.66	14.99	14.90	15.00	15.00	15.00
Channel				638000	641666	645332	638000	641666	645332
Frequency (MHz)				3570	3624.99	3679.98	3570	3624.99	3679.98
40	QPSK	1	1	9.92	17.56	10.89	10.00	18.00	11.00
40	QPSK	1	104	9.74	17.43	9.69	10.00	18.00	10.00
40	QPSK	53	26	9.73	18.94	9.86	10.00	19.30	10.00
40	QPSK	1	0	10.01	17.51	10.11	10.50	18.00	10.50
40	QPSK	1	105	9.75	17.46	9.72	10.00	18.00	10.00
40	QPSK	106	0	9.73	16.87	9.86	10.00	17.00	10.00
40	16QAM	1	1	9.81	17.49	10.12	10.00	17.50	10.50
40	64QAM	1	1	9.97	17.56	10.02	10.00	18.00	10.50
40	256QAM	1	1	9.81	15.00	10.09	10.00	15.50	10.50



FR1-TDD n48\_UL MIMO\_Sub (Index 1/2/3/4/5/6)

Ant 5				Tune-up Limit					
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.
Channel				637000	641666	646332	637000	641666	646332
Frequency (MHz)				3555	3624.99	3694.98	3555	3624.99	3694.98
10	QPSK	1	1	18.61	18.96	18.81	19.20	19.20	19.20
10	QPSK	1	22	18.47	18.89	18.78	19.20	19.20	19.20
10	QPSK	12	6	18.52	18.87	18.86	19.20	19.20	19.20
10	QPSK	1	0	17.15	17.43	17.21	17.50	17.50	17.50
10	QPSK	1	23	17.06	17.27	17.26	17.50	17.50	17.50
10	QPSK	24	0	16.98	17.19	17.21	17.50	17.50	17.50
10	16QAM	1	1	18.06	18.26	18.43	18.50	18.50	18.50
10	64QAM	1	1	16.44	16.58	16.74	17.00	17.00	17.00
10	256QAM	1	1	13.55	13.87	13.77	14.00	14.00	14.00
Channel				637168	641666	646166	637168	641666	646166
Frequency (MHz)				3557.52	3624.99	3692.49	3557.52	3624.99	3692.49
15	QPSK	1	1	14.03	18.80	19.00	14.50	19.20	19.20
15	QPSK	1	36	18.59	14.15	14.29	19.20	14.50	14.50
15	QPSK	19	9	18.62	18.68	18.70	19.20	19.20	19.20
15	QPSK	1	0	14.06	17.42	17.26	14.50	18.00	17.50
15	QPSK	1	37	17.09	14.16	14.12	17.50	14.50	14.50
15	QPSK	38	0	14.07	14.17	14.17	14.50	14.50	14.50
15	16QAM	1	1	13.99	18.39	18.26	14.50	18.50	18.50
15	64QAM	1	1	14.14	16.83	16.81	14.50	17.00	17.00
15	256QAM	1	1	13.48	13.74	13.81	14.00	14.00	14.00
Channel				637334	641666	646000	637334	641666	646000
Frequency (MHz)				3560.01	3624.99	3690	3560.01	3624.99	3690
20	QPSK	1	1	14.16	18.99	18.74	14.50	19.20	19.20
20	QPSK	1	49	18.58	18.66	14.08	19.20	19.20	14.50
20	QPSK	25	12	18.65	18.89	18.69	19.20	19.20	19.20
20	QPSK	1	0	14.11	17.52	17.27	14.50	18.00	17.50
20	QPSK	1	50	16.99	17.28	13.95	17.50	17.50	14.00
20	QPSK	51	0	14.09	17.31	13.99	14.50	17.50	14.50
20	16QAM	1	1	14.42	18.56	18.30	14.50	19.20	18.50
20	64QAM	1	1	14.02	16.93	16.76	14.50	17.50	17.00
20	256QAM	1	1	13.58	13.87	13.82	14.00	14.00	14.00
Channel				638000	641666	645332	638000	641666	645332
Frequency (MHz)				3570	3624.99	3679.98	3570	3624.99	3679.98
40	QPSK	1	1	9.22	16.86	10.19	9.50	17.00	10.50
40	QPSK	1	104	9.04	16.73	8.99	9.50	17.00	9.50
40	QPSK	53	26	9.03	19.17	9.16	9.50	19.20	9.50
40	QPSK	1	0	9.31	16.81	9.41	9.50	17.00	9.50
40	QPSK	1	105	9.05	16.76	9.02	9.50	17.00	9.50
40	QPSK	106	0	9.03	16.17	9.16	9.50	16.50	9.50
40	16QAM	1	1	9.11	16.79	9.42	9.50	17.00	9.50
40	64QAM	1	1	9.27	16.86	9.32	9.50	17.00	9.50
40	256QAM	1	1	9.11	14.30	9.39	9.50	14.50	9.50



FR1-TDD n77 PC3\_ (Index 1/2/3/5)

Ant 6							
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	24.1
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	23.42	23.70	23.69	24.1
100	PI/2 BPSK	1	137	22.75	23.00	22.42	
100	PI/2 BPSK	1	271	22.94	23.00	22.59	
100	PI/2 BPSK	135	0	22.92	23.11	22.98	23.6
100	PI/2 BPSK	135	69	22.75	23.12	22.41	24.1
100	PI/2 BPSK	135	138	22.70	22.85	22.40	23.6
100	PI/2 BPSK	270	0	22.73	23.06	22.74	
100	QPSK	1	1	23.34	23.54	23.53	24.1
100	QPSK	1	137	22.71	22.97	22.33	
100	QPSK	1	271	22.92	22.98	22.54	
100	QPSK	135	0	22.91	23.10	22.96	23.1
100	QPSK	135	69	22.78	23.02	22.40	24.1
100	QPSK	135	138	22.71	22.86	22.34	23.1
100	QPSK	270	0	22.71	23.07	22.72	23.1
100	16QAM	1	1	23.45	23.66	23.55	24.1
100	64QAM	1	1	21.82	22.02	21.97	22.5
100	256QAM	1	1	19.98	20.15	20.15	21.0
Channel				649668	656000	662332	24.1
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	23.39	23.64	23.63	24.1
Channel				649334	656000	662666	24.1
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	23.36	23.68	23.63	24.1
Channel				649000	656000	663000	24.1
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	23.34	23.67	23.67	24.1
Channel				648668	656000	663332	24.1
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	23.36	23.65	23.69	24.1
Channel				648334	656000	663666	24.1
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	23.32	23.63	23.60	24.1
Channel				648000	656000	664000	24.1
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	23.40	23.64	23.68	24.1
Channel				647668	656000	664332	24.1
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	23.32	23.62	23.68	24.1
Channel				647500	656000	664500	24.1
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	23.40	23.69	23.60	24.1
Channel				647334	656000	664666	24.1
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	23.40	23.63	23.66	24.1
Channel				647168	656000	664832	24.1
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	23.37	23.67	23.60	24.1
Channel				647000	656000	665000	24.1
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	23.36	23.60	23.62	24.1



Ant 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			24.1
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		23.27		24.1
100	PI/2 BPSK	1	137		22.78		
100	PI/2 BPSK	1	271		22.84		
100	PI/2 BPSK	135	0		22.80		23.6
100	PI/2 BPSK	135	69		22.81		24.1
100	PI/2 BPSK	135	138		22.68		23.6
100	PI/2 BPSK	270	0		22.90		
100	QPSK	1	1		23.20		24.1
100	QPSK	1	137		22.73		
100	QPSK	1	271		22.73		
100	QPSK	135	0		22.86		23.1
100	QPSK	135	69		22.94		24.1
100	QPSK	135	138		22.67		23.1
100	QPSK	270	0		22.90		
100	16QAM	1	1		23.14		24.1
100	64QAM	1	1		21.70		22.5
100	256QAM	1	1		19.93		21.0
Channel				633000	633332	633666	24.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	23.18	23.21	23.22	24.1
Channel				632668	633332	634000	24.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	23.23	23.24	23.19	24.1
Channel				632334	633332	634332	24.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	23.11	23.20	23.21	24.1
Channel				632000	633332	634666	24.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	23.12	23.18	23.17	24.1
Channel				631668	633332	635000	24.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	23.21	23.15	23.16	24.1
Channel				631334	633332	635332	24.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	23.18	23.16	23.18	24.1
Channel				631000	633332	635666	24.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	23.11	23.17	23.18	24.1
Channel				630834	633332	635832	24.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	23.11	23.22	23.21	24.1
Channel				630668	633332	636000	24.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	23.14	23.15	23.18	24.1
Channel				630500	633332	636166	24.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	23.13	23.18	23.17	24.1
Channel				630334	633332	636332	24.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	23.13	23.16	23.13	24.1





FR1-TDD n77 PC3\_ (Index 4/6)

Ant 6							
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	22.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	22.40	22.44	22.40	22.9
100	PI/2 BPSK	1	137	21.64	21.73	21.73	
100	PI/2 BPSK	1	271	21.72	21.81	21.71	
100	PI/2 BPSK	135	0	22.00	22.07	21.98	22.9
100	PI/2 BPSK	135	69	22.05	22.08	21.98	22.9
100	PI/2 BPSK	135	138	21.53	21.59	21.52	22.9
100	PI/2 BPSK	270	0	21.74	21.84	21.74	
100	QPSK	1	1	22.36	22.39	22.37	22.9
100	QPSK	1	137	21.60	21.63	21.55	
100	QPSK	1	271	21.63	21.71	21.67	
100	QPSK	135	0	22.02	22.03	22.02	22.9
100	QPSK	135	69	21.92	21.98	21.96	22.9
100	QPSK	135	138	21.49	21.50	21.42	22.9
100	QPSK	270	0	21.73	21.79	21.72	22.9
100	16QAM	1	1	22.34	22.39	22.30	22.9
100	64QAM	1	1	21.78	21.85	21.85	22.4
100	256QAM	1	1	19.78	19.80	19.72	20.9
Channel				649668	656000	662332	22.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	22.39	22.37	22.31	22.9
Channel				649334	656000	662666	22.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	22.34	22.41	22.38	22.9
Channel				649000	656000	663000	22.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	22.31	22.41	22.38	22.9
Channel				648668	656000	663332	22.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	22.36	22.36	22.30	22.9
Channel				648334	656000	663666	22.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	22.36	22.35	22.38	22.9
Channel				648000	656000	664000	22.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	22.40	22.43	22.38	22.9
Channel				647668	656000	664332	22.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	22.37	22.34	22.32	22.9
Channel				647500	656000	664500	22.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	22.34	22.40	22.32	22.9
Channel				647334	656000	664666	22.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	22.40	22.39	22.37	22.9
Channel				647168	656000	664832	22.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	22.34	22.37	22.30	22.9
Channel				647000	656000	665000	22.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	22.35	22.43	22.36	22.9



Ant 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			22.9
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		22.24		22.9
100	PI/2 BPSK	1	137		21.70		
100	PI/2 BPSK	1	271		21.76		
100	PI/2 BPSK	135	0		21.78		22.9
100	PI/2 BPSK	135	69		21.79		22.9
100	PI/2 BPSK	135	138		21.61		22.9
100	PI/2 BPSK	270	0		21.85		
100	QPSK	1	1		22.20		22.9
100	QPSK	1	137		21.70		
100	QPSK	1	271		21.65		
100	QPSK	135	0		21.86		22.9
100	QPSK	135	69		21.89		22.9
100	QPSK	135	138		21.62		22.9
100	QPSK	270	0		21.83		
100	16QAM	1	1		22.13		22.9
100	64QAM	1	1		21.63		22.4
100	256QAM	1	1		19.92		20.9
Channel				633000	633332	633666	22.9
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	22.20	22.21	22.23	22.9
Channel				632668	633332	634000	22.9
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	22.13	22.16	22.16	22.9
Channel				632334	633332	634332	22.9
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	22.12	22.14	22.20	22.9
Channel				632000	633332	634666	22.9
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	22.17	22.21	22.23	22.9
Channel				631668	633332	635000	22.9
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	22.10	22.12	22.22	22.9
Channel				631334	633332	635332	22.9
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	22.13	22.16	22.19	22.9
Channel				631000	633332	635666	22.9
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	22.15	22.15	22.23	22.9
Channel				630834	633332	635832	22.9
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	22.13	22.15	22.20	22.9
Channel				630668	633332	636000	22.9
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	22.18	22.13	22.22	22.9
Channel				630500	633332	636166	22.9
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	22.10	22.18	22.21	22.9
Channel				630334	633332	636332	22.9
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	22.14	22.19	22.13	22.9



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Ant 6							
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	26.47	26.69	26.65	27.1
100	PI/2 BPSK	1	137	25.87	26.17	25.53	
100	PI/2 BPSK	1	271	25.97	26.09	25.65	
100	PI/2 BPSK	135	0	26.10	26.19	26.11	26.6
100	PI/2 BPSK	135	69	25.90	26.18	25.56	27.1
100	PI/2 BPSK	135	138	25.84	26.01	25.53	26.6
100	PI/2 BPSK	270	0	25.87	26.17	25.86	
100	QPSK	1	1	26.42	26.61	26.58	27.1
100	QPSK	1	137	25.86	26.11	25.48	
100	QPSK	1	271	25.98	26.05	25.59	
100	QPSK	135	0	26.06	26.10	26.09	26.1
100	QPSK	135	69	25.90	26.17	25.54	27.1
100	QPSK	135	138	25.82	26.00	25.52	26.1
100	QPSK	270	0	25.85	26.10	25.85	
100	16QAM	1	1	26.68	26.62	26.68	27.1
100	64QAM	1	1	24.79	25.07	24.95	25.5
100	256QAM	1	1	23.00	23.15	23.25	24.0
Channel				649668	656000	662332	Tune-up limit (dBm)
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	26.37	26.52	26.55	27.1
Channel				649334	656000	662666	Tune-up limit (dBm)
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	26.36	26.60	26.51	27.1
Channel				649000	656000	663000	Tune-up limit (dBm)
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	26.37	26.62	26.59	27.1
Channel				648668	656000	663332	Tune-up limit (dBm)
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	26.35	26.56	26.51	27.1
Channel				648334	656000	663666	Tune-up limit (dBm)
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	26.32	26.56	26.53	27.1
Channel				648000	656000	664000	Tune-up limit (dBm)
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	26.40	26.57	26.54	27.1
Channel				647668	656000	664332	Tune-up limit (dBm)
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	26.32	26.59	26.51	27.1
Channel				647500	656000	664500	Tune-up limit (dBm)
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	26.40	26.54	26.58	27.1
Channel				647334	656000	664666	Tune-up limit (dBm)
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	26.34	26.59	26.58	27.1
Channel				647168	656000	664832	Tune-up limit (dBm)
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	26.36	26.60	26.59	27.1
Channel				647000	656000	665000	Tune-up limit (dBm)
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	26.34	26.59	26.54	27.1



Ant 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			27.1
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		26.41		27.1
100	PI/2 BPSK	1	137		25.93		
100	PI/2 BPSK	1	271		25.95		
100	PI/2 BPSK	135	0		26.00		26.6
100	PI/2 BPSK	135	69		25.96		27.1
100	PI/2 BPSK	135	138		25.82		26.6
100	PI/2 BPSK	270	0		26.05		
100	QPSK	1	1		26.38		27.1
100	QPSK	1	137		25.95		
100	QPSK	1	271		25.96		
100	QPSK	135	0		25.98		26.1
100	QPSK	135	69		25.98		27.1
100	QPSK	135	138		25.84		26.1
100	QPSK	270	0		26.06		
100	16QAM	1	1		26.40		27.1
100	64QAM	1	1		24.79		25.5
100	256QAM	1	1		22.85		24.0
Channel				633000	633332	633666	27.1
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	26.30	26.30	26.32	27.1
Channel				632668	633332	634000	27.1
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	26.27	26.26	26.26	27.1
Channel				632334	633332	634332	27.1
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	26.26	26.26	26.29	27.1
Channel				632000	633332	634666	27.1
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	26.29	26.25	26.30	27.1
Channel				631668	633332	635000	27.1
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	26.32	26.29	26.30	27.1
Channel				631334	633332	635332	27.1
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	26.35	26.29	26.28	27.1
Channel				631000	633332	635666	27.1
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	26.30	26.30	26.28	27.1
Channel				630834	633332	635832	27.1
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	26.35	26.29	26.25	27.1
Channel				630668	633332	636000	27.1
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	26.32	26.35	26.31	27.1
Channel				630500	633332	636166	27.1
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	26.35	26.35	26.30	27.1
Channel				630334	633332	636332	27.1
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	26.31	26.29	26.23	27.1



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Ant 6							
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	25.9
Frequency (MHz)				3750	3840	3930	
100	PI/2 BPSK	1	1	25.46	25.65	25.55	25.9
100	PI/2 BPSK	1	137	24.84	25.14	24.52	
100	PI/2 BPSK	1	271	24.89	25.00	24.62	
100	PI/2 BPSK	135	0	25.03	25.16	25.08	25.9
100	PI/2 BPSK	135	69	24.82	25.17	24.50	25.9
100	PI/2 BPSK	135	138	24.82	24.93	24.46	25.9
100	PI/2 BPSK	270	0	24.86	25.13	24.80	
100	QPSK	1	1	25.36	25.59	25.50	25.9
100	QPSK	1	137	24.83	25.08	24.44	
100	QPSK	1	271	24.98	25.03	24.51	
100	QPSK	135	0	25.01	25.00	25.02	25.9
100	QPSK	135	69	24.85	25.08	24.52	25.9
100	QPSK	135	138	24.76	24.92	24.43	25.9
100	QPSK	270	0	24.80	25.08	24.78	
100	16QAM	1	1	25.61	25.57	25.62	25.9
100	64QAM	1	1	24.76	25.01	24.85	25.4
100	256QAM	1	1	22.92	23.12	23.24	23.9
Channel				649668	656000	662332	25.9
Frequency (MHz)				3745.02	3840	3934.98	
90	PI/2 BPSK	1	1	25.45	25.64	25.51	25.9
Channel				649334	656000	662666	25.9
Frequency (MHz)				3740.01	3840	3939.99	
80	PI/2 BPSK	1	1	25.40	25.61	25.46	25.9
Channel				649000	656000	663000	25.9
Frequency (MHz)				3735	3840	3945	
70	PI/2 BPSK	1	1	25.45	25.56	25.55	25.9
Channel				648668	656000	663332	25.9
Frequency (MHz)				3730.02	3840	3949.98	
60	PI/2 BPSK	1	1	25.46	25.61	25.51	25.9
Channel				648334	656000	663666	25.9
Frequency (MHz)				3725.01	3840	3954.99	
50	PI/2 BPSK	1	1	25.42	25.63	25.53	25.9
Channel				648000	656000	664000	25.9
Frequency (MHz)				3720	3840	3960	
40	PI/2 BPSK	1	1	25.36	25.58	25.45	25.9
Channel				647668	656000	664332	25.9
Frequency (MHz)				3715.02	3840.00	3964.98	
30	PI/2 BPSK	1	1	25.40	25.63	25.55	25.9
Channel				647500	656000	664500	25.9
Frequency (MHz)				3712.5	3840.00	3967.50	
25	PI/2 BPSK	1	1	25.37	25.60	25.53	25.9
Channel				647334	656000	664666	25.9
Frequency (MHz)				3710.01	3840	3969.99	
20	PI/2 BPSK	1	1	25.38	25.56	25.51	25.9
Channel				647168	656000	664832	25.9
Frequency (MHz)				3707.52	3840	3972.48	
15	PI/2 BPSK	1	1	25.44	25.57	25.53	25.9
Channel				647000	656000	665000	25.9
Frequency (MHz)				3705	3840	3975	
10	PI/2 BPSK	1	1	25.37	25.58	25.51	25.9



Ant 6							
BW [MHz]	Modulation	RB Size	RB Offset	Power Low Ch. / Freq.	Power Middle Ch. / Freq.	Power High Ch. / Freq.	Tune-up limit (dBm)
Channel				633332			25.9
Frequency (MHz)				3499.98			
100	PI/2 BPSK	1	1		25.39		25.9
100	PI/2 BPSK	1	137		24.91		
100	PI/2 BPSK	1	271		24.89		
100	PI/2 BPSK	135	0		24.99		25.9
100	PI/2 BPSK	135	69		25.00		25.9
100	PI/2 BPSK	135	138		24.72		25.9
100	PI/2 BPSK	270	0		24.96		
100	QPSK	1	1		25.29		25.9
100	QPSK	1	137		24.90		
100	QPSK	1	271		24.88		
100	QPSK	135	0		24.89		25.9
100	QPSK	135	69		24.95		25.9
100	QPSK	135	138		24.77		25.9
100	QPSK	270	0		25.04		
100	16QAM	1	1		25.37		25.9
100	64QAM	1	1		24.79		25.4
100	256QAM	1	1		22.84		23.9
Channel				633000	633332	633666	25.9
Frequency (MHz)				3495	3499.98	3504.99	
90	PI/2 BPSK	1	1	25.35	25.38	25.33	25.9
Channel				632668	633332	634000	25.9
Frequency (MHz)				3490.02	3499.98	3510	
80	PI/2 BPSK	1	1	25.27	25.28	25.28	25.9
Channel				632334	633332	634332	25.9
Frequency (MHz)				3485.01	3499.98	3514.98	
70	PI/2 BPSK	1	1	25.35	25.35	25.30	25.9
Channel				632000	633332	634666	25.9
Frequency (MHz)				3480	3499.98	3519.99	
60	PI/2 BPSK	1	1	25.33	25.37	25.23	25.9
Channel				631668	633332	635000	25.9
Frequency (MHz)				3475.02	3499.98	3525	
50	PI/2 BPSK	1	1	25.35	25.38	25.30	25.9
Channel				631334	633332	635332	25.9
Frequency (MHz)				3470.01	3499.98	3529.98	
40	PI/2 BPSK	1	1	25.27	25.31	25.31	25.9
Channel				631000	633332	635666	25.9
Frequency (MHz)				3465	3499.98	3534.99	
30	PI/2 BPSK	1	1	25.28	25.35	25.27	25.9
Channel				630834	633332	635832	25.9
Frequency (MHz)				3462.51	3499.98	3537.48	
25	PI/2 BPSK	1	1	25.31	25.33	25.24	25.9
Channel				630668	633332	636000	25.9
Frequency (MHz)				3460.02	3499.98	3540	
20	PI/2 BPSK	1	1	25.26	25.29	25.24	25.9
Channel				630500	633332	636166	25.9
Frequency (MHz)				3457.5	3499.98	3542.49	
15	PI/2 BPSK	1	1	25.27	25.32	25.29	25.9
Channel				630334	633332	636332	25.9
Frequency (MHz)				3455.01	3499.98	3544.98	
10	PI/2 BPSK	1	1	25.31	25.37	25.32	25.9