



REPORT No. : SZ210500091S01

Annex E2 Conducted Reduced Power

GSM850 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	128	189	251		128	189	251	
Frequency (MHz)	824.2	836.4	848.8		824.2	836.4	848.8	
GSM 1 Tx slot	28.24	28.13	28.12	28.50	19.24	19.13	19.12	19.50
GPRS 1 Tx slot	28.23	28.17	28.11	28.50	19.23	19.17	19.11	19.50
GPRS 2 Tx slots	25.97	25.95	25.88	26.50	19.97	19.95	19.88	20.50
GPRS 3 Tx slots	23.87	23.83	23.76	24.50	19.61	19.57	19.50	20.24
GPRS 4 Tx slots	21.86	21.82	21.79	22.50	18.86	18.82	18.79	19.50
EDGE 1 Tx slot	26.11	26.06	25.96	26.50	17.11	17.06	16.96	17.50
EDGE 2 Tx slots	24.03	23.09	23.93	24.50	18.03	17.09	17.93	18.50
EDGE 3 Tx slots	22.04	22.03	21.95	22.50	17.78	17.77	17.69	18.24
EDGE 4 Tx slots	19.86	19.84	19.88	20.50	16.86	16.84	16.88	17.50

GSM1900 TX Channel	Burst Average Power (dBm)			Tune-up Limit (dBm)	Frame-Average Power (dBm)			Tune-up Limit (dBm)
	512	661	810		512	661	810	
Frequency (MHz)	1850.2	1880	1909.8		1850.2	1880	1909.8	
GSM 1 Tx slot	22.60	22.44	22.19	23.00	13.60	13.44	13.19	14.00
GPRS 1 Tx slot	22.63	22.44	22.20	23.00	13.63	13.44	13.20	14.00
GPRS 2 Tx slots	20.24	20.37	20.34	21.00	14.24	14.37	14.34	15.00
GPRS 3 Tx slots	18.62	18.76	18.61	19.50	14.36	14.50	14.35	15.24
GPRS 4 Tx slots	16.66	16.49	16.52	18.00	13.66	13.49	13.52	15.00
EDGE 1 Tx slot	15.87	16.29	15.79	16.50	6.87	7.29	6.79	7.50
EDGE 2 Tx slots	12.41	12.84	12.38	13.00	6.41	6.84	6.38	7.00
EDGE 3 Tx slots	10.36	10.76	10.50	11.50	6.10	6.50	6.24	7.24
EDGE 4 Tx slots	8.74	9.17	8.90	10.00	5.74	6.17	5.90	7.00

Band	WCDMA Band II			Tune-up Limit (dBm)	WCDMA Band IV			Tune-up Limit (dBm)	WCDMA Band V			Tune-up Limit (dBm)	
TX Channel	9262	9400	9538		1312	1413	1513		4132	4182	4233		
Rx Channel	9662	9800	9938		1537	1638	1738	4357	4407	4458			
Frequency (MHz)	1852.4	1880	1907.6		1712.4	1732.6	1752.6	826.4	836.4	846.6			
3GPP Rel 99	RMC 12.2Kbps	12.93	13.38	13.33	14.00	13.20	13.47	13.26	14.00	18.93	18.99	18.97	19.50
3GPP Rel 6	HSDPA Subtest-1	11.92	12.19	12.05	14.00	11.05	10.89	11.22	13.00	17.30	17.02	17.09	18.50
3GPP Rel 6	HSDPA Subtest-2	11.65	11.84	11.66	12.00	11.49	11.29	11.68	13.00	17.03	16.78	16.88	18.00
3GPP Rel 6	HSDPA Subtest-3	11.84	12.03	11.80	13.50	11.47	11.30	11.65	12.50	16.74	16.50	16.61	18.00
3GPP Rel 6	HSDPA Subtest-4	11.51	11.70	11.50	13.50	11.47	11.31	11.69	12.50	16.63	16.39	16.46	18.00
3GPP Rel 6	HSUPA Subtest-1	11.97	12.12	11.97	13.50	12.43	12.30	12.50	14.00	17.85	17.84	17.84	19.50
3GPP Rel 6	HSUPA Subtest-2	11.93	12.10	11.96	13.50	12.45	12.21	12.51	14.00	17.80	17.77	17.80	19.50
3GPP Rel 6	HSUPA Subtest-3	11.94	12.11	11.90	13.50	12.37	12.26	12.45	14.00	17.83	17.83	17.83	19.50
3GPP Rel 6	HSUPA Subtest-4	11.92	12.10	11.95	13.50	12.48	12.20	12.33	14.00	17.87	17.75	17.77	19.50
3GPP Rel 6	HSUPA Subtest-5	11.95	12.12	11.92	13.50	12.40	12.25	12.48	14.00	17.88	17.82	17.84	19.50
3GPP Rel 7	HSPA+ (16QAM) Subtest-	11.97	12.11	11.86	13.50	12.26	12.28	12.36	14.00	17.80	17.83	17.82	19.50

LTE Band 2							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				18700	18900	19100	
Frequency (MHz)				18600	18800	19000	
20	QPSK	1	0	13.73	13.91	13.62	14.5
20	QPSK	1	49	13.69	13.75	13.55	
20	QPSK	1	99	13.58	13.71	13.48	
20	QPSK	50	0	11.69	11.91	11.87	13.5
20	QPSK	50	24	11.68	11.55	11.87	
20	QPSK	50	50	11.64	11.48	11.78	
20	QPSK	100	0	11.51	11.58	11.67	14
20	16QAM	1	0	13.46	13.13	13.34	
20	16QAM	1	49	13.35	13.09	13.15	
20	16QAM	1	99	13.22	13.05	13.24	13.5
20	16QAM	50	0	12.60	12.73	12.63	
20	16QAM	50	24	12.59	12.63	12.50	
20	16QAM	50	50	12.58	12.57	12.61	13
20	16QAM	100	0	12.39	12.19	12.41	
20	64QAM	1	0	12.99	12.54	12.84	
20	64QAM	1	49	12.58	12.62	12.63	12.5
20	64QAM	1	99	12.89	12.60	12.71	
20	64QAM	50	0	11.79	11.68	12.02	
20	64QAM	50	24	11.78	11.66	11.92	13
20	64QAM	50	50	11.69	11.56	11.92	
20	64QAM	100	0	11.66	11.48	11.95	
Channel				18675	18900	19125	Tune-up limit (dBm)
Frequency (MHz)				1857.5	1880	1902.5	
15	QPSK	1	0	13.6	13.76	13.41	14.5
15	QPSK	1	37	13.65	13.71	13.51	
15	QPSK	1	74	13.54	13.67	13.44	
15	QPSK	36	0	12.56	12.59	12.59	12.5
15	QPSK	36	20	12.55	12.59	12.46	
15	QPSK	36	39	12.54	12.53	12.57	
15	QPSK	75	0	12.35	12.15	12.37	14
15	16QAM	1	0	13.42	13.09	13.3	
15	16QAM	1	37	13.31	13.05	13.11	
15	16QAM	1	74	13.18	13.01	13.2	13.5
15	16QAM	36	0	11.65	11.54	11.87	
15	16QAM	36	20	11.64	11.51	11.83	
15	16QAM	36	39	11.6	11.4	11.74	13
15	16QAM	75	0	11.34	11.34	11.63	
15	64QAM	1	0	12.95	12.5	12.8	
15	64QAM	1	37	12.54	12.69	12.59	12.5
15	64QAM	1	74	12.85	12.56	12.67	
15	64QAM	36	0	11.75	11.64	11.98	
15	64QAM	36	20	11.74	11.62	11.88	13
15	64QAM	36	39	11.65	11.52	11.88	
15	64QAM	75	0	11.62	11.44	11.91	
Channel				18650	18900	19150	Tune-up limit (dBm)
Frequency (MHz)				1855	1880	1905	
10	QPSK	1	0	13.32	13.77	13.42	14.5
10	QPSK	1	25	13.31	13.44	13.4	
10	QPSK	1	49	13.29	13.42	13.37	
10	QPSK	25	0	12.52	12.55	12.55	12.5
10	QPSK	25	12	12.51	12.55	12.42	
10	QPSK	25	25	12.5	12.49	12.53	
10	QPSK	50	0	12.31	12.11	12.33	14
10	16QAM	1	0	13.38	13.05	13.26	
10	16QAM	1	25	13.27	13.01	13.07	
10	16QAM	1	49	13.14	12.97	13.16	13.5
10	16QAM	25	0	11.61	11.5	11.83	
10	16QAM	25	12	11.6	11.47	11.79	
10	16QAM	25	25	11.56	11.36	11.7	13
10	16QAM	50	0	11.3	11.3	11.59	
10	64QAM	1	0	12.91	12.46	12.76	
10	64QAM	1	25	12.5	12.65	12.55	12.5
10	64QAM	1	49	12.81	12.52	12.63	
10	64QAM	25	0	11.71	11.6	11.94	
10	64QAM	25	12	11.7	11.58	11.84	13
10	64QAM	25	25	11.61	11.48	11.84	
10	64QAM	50	0	11.58	11.4	11.87	
Channel				18625	18900	19175	Tune-up limit (dBm)
Frequency (MHz)				1852.5	1880	1907.5	
5	QPSK	1	0	13.51	13.78	13.42	14.5
5	QPSK	1	12	13.55	13.61	13.41	
5	QPSK	1	24	13.44	13.57	13.34	
5	QPSK	12	0	12.46	12.49	12.49	12.5
5	QPSK	12	7	12.45	12.49	12.36	
5	QPSK	12	13	12.44	12.43	12.47	
5	QPSK	25	0	12.25	12.05	12.27	14
5	16QAM	1	0	13.32	12.99	13.2	
5	16QAM	1	12	13.21	12.95	13.01	
5	16QAM	1	24	13.08	12.91	13.1	13.5
5	16QAM	12	0	11.55	11.44	11.77	
5	16QAM	12	7	11.54	11.41	11.73	
5	16QAM	12	13	11.5	11.3	11.64	13
5	16QAM	25	0	11.24	11.24	11.53	
5	64QAM	1	0	12.85	12.4	12.7	
5	64QAM	1	12	12.44	12.59	12.49	12.5
5	64QAM	1	24	12.75	12.46	12.57	
5	64QAM	12	0	11.65	11.54	11.88	
5	64QAM	12	7	11.64	11.52	11.78	13
5	64QAM	12	13	11.55	11.42	11.78	
5	64QAM	25	0	11.52	11.34	11.81	
Channel				18615	18900	19185	Tune-up limit (dBm)
Frequency (MHz)				1851.5	1880	1908.5	
3	QPSK	1	0	13.44	13.66	13.48	14.5
3	QPSK	1	8	13.42	13.57	13.37	
3	QPSK	1	14	13.4	13.53	13.3	
3	QPSK	8	0	12.42	12.45	12.45	12.5
3	QPSK	8	4	12.41	12.45	12.32	
3	QPSK	8	7	12.4	12.39	12.43	
3	QPSK	15	0	12.21	12.01	12.23	14
3	16QAM	1	0	13.28	12.95	13.16	
3	16QAM	1	8	13.17	12.91	12.97	
3	16QAM	1	14	13.04	12.87	13.06	

LTE Band 4							
BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20050	20175	20300	
Frequency (MHz)				1720	1732.5	1745	
20	QPSK	1	0	12.96	13.31	13.10	14
20	QPSK	1	49	12.96	13.27	13.04	
20	QPSK	1	99	12.93	13.10	13.07	
20	QPSK	50	0	12.91	13.25	13.10	14
20	QPSK	50	24	12.83	13.20	13.07	
20	QPSK	50	50	12.77	13.18	12.90	
20	QPSK	100	0	12.75	13.15	12.84	13
20	16QAM	1	0	12.77	12.43	12.87	
20	16QAM	1	49	12.69	12.37	12.78	
20	16QAM	1	99	12.68	12.53	12.83	11.5
20	16QAM	50	0	10.99	11.10	11.43	
20	16QAM	50	24	10.96	11.05	11.38	
20	16QAM	50	50	10.93	10.93	11.23	13
20	16QAM	100	0	10.87	11.00	11.05	
20	64QAM	1	0	12.38	12.44	12.65	
20	64QAM	1	49	12.32	12.33	12.55	11.5
20	64QAM	1	99	12.27	12.34	12.46	
20	64QAM	50	0	11.04	11.07	11.42	
20	64QAM	50	24	10.99	11.06	11.35	13
20	64QAM	50	50	10.97	11.04	11.26	
20	64QAM	100	0	10.88	10.98	11.05	
Channel				20025	20175	20325	Tune-up limit (dBm)
Frequency (MHz)				1717.5	1732.5	1747.5	
15	QPSK	1	0	12.84	13.11	12.91	13.5
15	QPSK	1	37	12.76	12.73	12.77	
15	QPSK	1	74	12.73	12.8	12.76	
15	QPSK	36	0	11.91	12.21	11.87	13.5
15	QPSK	36	20	11.86	11.97	11.84	
15	QPSK	36	39	11.93	11.93	11.72	
15	QPSK	75	0	11.81	11.71	12.03	13
15	16QAM	1	0	12.99	12.72	12.55	
15	16QAM	1	37	12.57	12.55	12.46	
15	16QAM	1	74	12.53	12.45	12.62	11.5
15	16QAM	36	0	10.92	11.03	10.89	
15	16QAM	36	20	10.88	10.89	10.9	
15	16QAM	36	39	10.84	10.84	10.87	13
15	16QAM	75	0	10.91	10.89	10.97	
15	64QAM	1	0	11.7	11.52	11.73	
15	64QAM	1	37	11.46	11.63	11.44	11.5
15	64QAM	1	74	11.68	11.32	11.52	
15	64QAM	36	0	10.05	9.97	9.97	
15	64QAM	36	20	9.9	9.91	9.86	13
15	64QAM	36	39	9.65	10.05	9.99	
15	64QAM	75	0	9.71	9.99	10.18	
Channel				20000	20175	20350	Tune-up limit (dBm)
Frequency (MHz)				1715	1732.5	1750	
10	QPSK	1	0	12.96	13.15	13.03	13.5
10	QPSK	1	25	12.72	12.76	12.75	
10	QPSK	1	49	12.71	12.76	12.79	
10	QPSK	25	0	12	11.86	12	13.5
10	QPSK	25	12	11.7	11.74	11.77	
10	QPSK	25	25	11.68	11.64	11.61	
10	QPSK	50	0	11.66	11.63	11.67	13
10	16QAM	1	0	12.35	12.44	12.53	
10	16QAM	1	25	12.33	12.1	12.33	
10	16QAM	1	49	12.3	12.16	12.11	11.5
10	16QAM						

3	16QAM	8	0	11.51	11.4	11.73	13.5
3	16QAM	8	4	11.5	11.37	11.69	
3	16QAM	8	7	11.46	11.26	11.6	
3	16QAM	15	0	11.2	11.2	11.49	13
3	64QAM	1	0	12.81	12.36	12.66	
3	64QAM	1	8	12.4	12.55	12.45	
3	64QAM	1	14	12.71	12.42	12.53	12.5
3	64QAM	8	0	11.61	11.5	11.84	
3	64QAM	8	4	11.6	11.48	11.74	
3	64QAM	8	7	11.51	11.38	11.74	
3	64QAM	15	0	11.48	11.3	11.77	
Channel				18607	18900	19193	Tune-up limit (dBm)
Frequency (MHz)				1850.7	1880	1909.3	
1.4	QPSK	1	0	13.5	13.64	13.39	14.5
1.4	QPSK	1	3	13.46	13.52	13.32	
1.4	QPSK	1	5	13.35	13.48	13.25	
1.4	QPSK	3	0	12.37	12.4	12.4	
1.4	QPSK	3	1	12.36	12.4	12.27	
1.4	QPSK	3	3	12.35	12.34	12.38	
1.4	QPSK	6	0	12.16	11.96	12.18	12.5
1.4	16QAM	1	0	13.23	12.9	13.11	13.5
1.4	16QAM	1	3	13.12	12.86	12.92	
1.4	16QAM	1	5	12.99	12.82	13.01	
1.4	16QAM	3	0	11.54	11.35	11.68	
1.4	16QAM	3	1	11.45	11.32	11.64	
1.4	16QAM	3	3	11.38	11.21	11.55	
1.4	16QAM	6	0	11.15	11.15	11.44	11.5
1.4	64QAM	1	0	12.76	12.31	12.61	13
1.4	64QAM	1	3	12.35	12.5	12.4	
1.4	64QAM	1	5	12.66	12.37	12.48	
1.4	64QAM	3	0	11.56	11.45	11.79	
1.4	64QAM	3	1	11.55	11.43	11.71	
1.4	64QAM	3	3	11.46	11.33	11.68	
1.4	64QAM	6	0	11.43	11.25	11.67	12

3	16QAM	8	0	10.70	10.81	10.67	11.5
3	16QAM	8	4	10.65	10.77	10.67	
3	16QAM	8	7	10.48	10.67	10.65	
3	16QAM	15	0	10.65	10.54	10.61	12
3	16QAM	1	0	11.50	11.37	11.19	
3	16QAM	1	8	11.14	11.13	11.28	
3	16QAM	1	14	11.39	11.08	11.40	11
3	16QAM	8	0	10.20	10.18	10.19	
3	16QAM	8	4	10.27	10.31	10.28	
3	16QAM	8	7	10.31	10.38	10.67	
3	16QAM	15	0	10.34	10.13	10.42	
Channel				19957	20175	20393	Tune-up limit (dBm)
Frequency (MHz)				1710.7	1732.5	1754.3	
1.4	QPSK	1	0	12.82	13.11	12.80	13.5
1.4	QPSK	1	3	12.65	12.69	12.63	
1.4	QPSK	1	5	12.64	12.65	12.61	
1.4	QPSK	3	0	11.87	11.73	11.86	
1.4	QPSK	3	1	11.57	11.55	11.59	
1.4	QPSK	3	3	11.50	11.46	11.43	
1.4	QPSK	6	0	11.49	11.44	11.46	12
1.4	16QAM	1	0	12.15	12.24	12.34	13
1.4	16QAM	1	3	12.19	11.92	12.19	
1.4	16QAM	1	5	12.16	12.00	11.97	
1.4	16QAM	3	0	10.65	10.76	10.62	
1.4	16QAM	3	1	10.60	10.72	10.62	
1.4	16QAM	3	3	10.43	10.62	10.60	
1.4	16QAM	6	0	10.60	10.49	10.56	11
1.4	16QAM	1	0	11.45	11.32	11.14	12
1.4	16QAM	1	3	11.09	11.08	11.23	
1.4	16QAM	1	5	11.34	11.03	11.35	
1.4	16QAM	3	0	10.15	10.13	10.14	
1.4	16QAM	3	1	10.22	10.26	10.23	
1.4	16QAM	3	3	10.26	10.33	10.62	
1.4	16QAM	6	0	10.29	10.08	10.37	11

LTE Band 5

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20450	20525	20600	
Frequency (MHz)				829	836.5	844	
10	QPSK	1	0	18.69	19.17	19.05	20
10	QPSK	1	25	18.89	19.10	18.79	
10	QPSK	1	49	18.81	19.05	18.74	
10	QPSK	25	0	17.93	17.94	17.73	19
10	QPSK	25	12	17.88	17.84	17.70	
10	QPSK	25	25	17.82	17.84	17.71	
10	QPSK	50	0	17.69	17.59	17.46	19
10	16QAM	1	0	18.96	18.48	18.67	
10	16QAM	1	25	18.85	18.46	18.61	
10	16QAM	1	49	18.81	18.46	18.55	18
10	16QAM	25	0	17.30	17.49	17.16	
10	16QAM	25	12	17.24	17.41	17.13	
10	16QAM	25	25	17.14	17.36	17.14	18
10	16QAM	50	0	17.07	17.12	16.63	
10	64QAM	1	0	18.10	18.09	18.11	
10	64QAM	1	25	18.02	18.01	18.00	18.5
10	64QAM	1	49	17.95	17.86	18.05	
10	64QAM	25	0	17.47	17.61	17.25	
10	64QAM	25	12	17.38	17.58	17.22	18
10	64QAM	25	25	17.40	17.49	17.17	
10	64QAM	50	0	17.35	17.43	17.13	
Channel				20425	20525	20625	Tune-up limit (dBm)
Frequency (MHz)				826.5	836.5	846.5	
5	QPSK	1	0	18.85	19.09	18.77	19.5
5	QPSK	1	12	18.81	19.02	18.71	
5	QPSK	1	24	18.73	18.97	18.66	
5	QPSK	12	0	17.86	17.86	17.65	19
5	QPSK	12	7	17.80	17.76	17.62	
5	QPSK	12	13	17.74	17.76	17.63	
5	QPSK	25	0	17.61	17.51	17.38	19
5	16QAM	1	0	18.41	18.40	18.59	
5	16QAM	1	12	18.77	18.38	18.53	
5	16QAM	1	24	18.73	18.38	18.47	18
5	16QAM	12	0	17.22	17.41	17.08	
5	16QAM	12	7	17.16	17.33	16.96	
5	16QAM	12	13	17.06	17.28	16.95	18
5	16QAM	25	0	16.99	17.04	16.55	
5	64QAM	1	0	18.02	18.01	18.03	
5	64QAM	1	12	17.94	17.93	17.92	18.5
5	64QAM	1	24	17.87	17.78	17.97	
5	64QAM	12	0	17.39	17.53	17.17	
5	64QAM	12	7	17.30	17.50	17.14	18
5	64QAM	12	13	17.32	17.41	17.03	
5	64QAM	25	0	17.27	17.35	17.05	
Channel				20415	20525	20635	Tune-up limit (dBm)
Frequency (MHz)				825.5	836.5	847.5	
3	QPSK	1	0	18.77	19.01	18.69	19.5
3	QPSK	1	8	18.73	18.94	18.63	
3	QPSK	1	14	18.65	18.89	18.58	
3	QPSK	8	0	17.78	17.78	17.57	19
3	QPSK	8	4	17.72	17.68	17.54	
3	QPSK	8	7	17.66	17.68	17.55	
3	QPSK	15	0	17.53	17.43	17.30	19
3	16QAM	1	0	18.80	18.32	18.51	
3	16QAM	1	8	18.69	18.30	18.45	
3	16QAM	1	14	18.65	18.30	18.39	18
3	16QAM	8	0	17.14	17.33	17.00	
3	16QAM	8	4	17.08	17.25	16.88	
3	16QAM	8	7	16.98	17.20	16.83	18
3	16QAM	15	0	16.91	16.96	16.47	
3	64QAM	1	0	17.94	17.93	17.95	
3	64QAM	1	8	17.86	17.85	17.84	18.5
3	64QAM	1	14	17.79	17.70	17.89	
3	64QAM	8	0	17.31	17.45	17.09	
3	64QAM	8	4	17.22	17.42	17.06	18
3	64QAM	8	7	17.24	17.33	17.13	
3	64QAM	15	0	17.19	17.27	16.97	
Channel				20407	20525	20643	Tune-up limit (dBm)
Frequency (MHz)				824.7	836.5	848.3	
1.4	QPSK	1	0	18.69	18.99	18.61	19.5
1.4	QPSK	1	3	18.65	18.86	18.55	
1.4	QPSK	1	5	18.57	18.81	18.50	
1.4	QPSK	3	0	17.70	17.70	17.49	18
1.4	QPSK	3	1	17.64	17.60	17.46	
1.4	QPSK	3	3	17.58	17.60	17.47	
1.4	QPSK	6	0	17.45	17.35	17.22	19
1.4	16QAM	1	0	18.72	18.24	18.43	
1.4	16QAM	1	3	18.61	18.22	18.37	
1.4	16QAM	1	5	18.57	18.22	18.31	18
1.4	16QAM	3	0	17.06	17.25	17.13	
1.4	16QAM	3	1	17.00	17.17	16.80	
1.4	16QAM	3	3	16.90	17.12	16.81	17.5
1.4	16QAM	6	0	16.83	16.88	16.39	
1.4	64QAM	1	0	17.86	17.85	17.87	
1.4	64QAM	1	3	17.78	17.77	17.76	18.5
1.4	64QAM	1	5	17.71	17.62	17.81	
1.4	64QAM	3	0	17.23	17.37	17.01	
1.4	64QAM	3	1	17.14	17.34	16.98	17.5
1.4	64QAM	3	3	17.16	17.25	17.00	
1.4	64QAM	6	0	17.11	17.19	16.89	

LTE Band 7

BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				20850	21100	21350	
Frequency (MHz)				2510	2535	2560	
20	QPSK	1	0	12.64	12.71	12.60	13.5
20	QPSK	1	49	12.51	12.60	12.56	
20	QPSK	1	99	12.56	12.58	12.53	
20	QPSK	50	0	12.18	12.40	12.08	13
20	QPSK	50	24	11.99	12.37	11.96	
20	QPSK	50	50	12.03	12.28	11.92	
20	QPSK	100	0	12.14	12.37	11.91	12.5
20	16QAM	1	0	12.00	12.11	12.11	
20	16QAM	1	49	11.88	12.08	12.06	
20	16QAM	1	99	11.93	11.89	11.97	11.5
20	16QAM	50	0	10.70	10.71	10.86	
20	16QAM	50	24	10.65	10.66	10.82	
20	16QAM	50	50	10.67	10.51	10.68	12.5
20	16QAM	100	0	10.49	10.56	10.65	
20	64QAM	1	0	11.89	11.81	11.85	
20	64QAM	1	49	11.83	11.69	11.76	12.5
20	64QAM	1	99	11.77	11.59	11.70	
20	64QAM	50	0	10.85	10.80	11.25	
20	64QAM	50	24	10.77	10.79	11.18	11.5
20	64QAM	50	50	10.80	10.76	11.09	
20	64QAM	100	0	10.73	10.59	10.91	
Channel				20825	21100	21375	Tune-up limit (dBm)
Frequency (MHz)				2507.5	2535	2562.5	
15	QPSK	1	0	12.42	12.59	12.58	13.5
15	QPSK	1	37	12.47	12.60	12.41	
15	QPSK	1	74	12.50	12.56	12.46	
15	QPSK	36	0	11.97	12.38	11.95	13
15	QPSK	36	20	11.95	12.33	11.92	
15	QPSK	36	39	12.14	12.42	12.04	
15	QPSK	75	0	12.10	12.33	11.87	12.5
15	16QAM	1	0	11.96	12.07	12.07	
15	16QAM	1	37	11.84	12.04	12.02	
15	16QAM	1	74	11.89	11.85	11.93	11.5
15	16QAM	36	0	10.66	10.67	10.82	
15	16QAM	36	20	10.61	10.62	10.78	
15	16QAM	36	39	10.63	10.47	10.64	12.5
15	16QAM	75	0	10.45	10.52	10.61	
15	64QAM	1	0	11.85	11.77	11.81	
15	64QAM	1	37	11.79	11.65	11.72	12.5
15	64QAM	1	74	11.73	11.55	11.66	
15	64QAM	36	0	10.81	10.76	11.21	
15	64QAM	36	20	10.73	10.75	11.14	11.5
15	64QAM	36	39	10.76	10.72	11.05	
15	64QAM	75	0	10.69	10.55	10.87	
Channel				20800	21100	21400	Tune-up limit (dBm)
Frequency (MHz)				2505	2535	2565	
10	QPSK	1	0	12.52	12.62	12.32	13.5
10	QPSK	1	25	12.33	12.56	12.35	
10	QPSK	1	49	12.28	12.52	12.25	
10	QPSK	25	0	11.93	12.34	11.94	13
10	QPSK	25	12	11.91	12.29	11.90	
10	QPSK	25	25	12.10	12.38	12.00	
10	QPSK	50	0	12.06	12.29	11.83	12.5
10	16QAM	1	0	11.92	12.03	12.03	
10	16QAM	1	25	11.80	12.00	11.98	
10	16QAM	1	49	11.85	11.81	11.89	11.5
10	16QAM	25	0	10.62	10.63	10.78	
10	16QAM	25	12	10.57	10.58	10.74	
10	16QAM	25	25	10.59	10.43	10.60	12.5
10	16QAM	50	0	10.41	10.48	10.57	
10	64QAM	1	0	11.81	11.73	11.77	
10	64QAM	1	25	11.75	11.61	11.68	12.5
10	64QAM	1	49	11.69	11.51	11.62	
10	64QAM	25	0	10.77	10.72	11.17	
10	64QAM	25	12	10.69	10.71	11.10	11.5
10	64QAM	25	25	10.72	10.68	11.01	
10	64QAM	50	0	10.65	10.51	10.83	
Channel							

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BW [MHz]	Modulation	RB Size	RB Offset	Low Channel	Middle Channel	High Channel	Tune-up limit (dBm)
Channel				132072	132322	132572	
Frequency (MHz)				1720	1745	1770	
20	QPSK	1	0	13.01	13.11	13.03	13.5
20	QPSK	1	49	12.93	13.09	13.02	
20	QPSK	1	99	12.82	13.00	13.00	
20	QPSK	50	0	12.00	12.11	12.08	12.5
20	QPSK	50	24	11.95	12.02	12.01	
20	QPSK	50	50	11.82	11.90	11.87	
20	QPSK	100	0	11.93	11.86	11.85	13
20	16QAM	1	0	12.82	12.66	12.73	
20	16QAM	1	49	12.71	12.58	12.73	
20	16QAM	1	99	12.62	12.49	12.63	12
20	16QAM	50	0	11.02	11.38	11.23	
20	16QAM	50	24	10.90	11.34	11.20	
20	16QAM	50	50	10.96	11.30	11.00	12.5
20	16QAM	100	0	10.73	11.21	10.81	
20	64QAM	1	0	11.60	11.58	12.02	
20	64QAM	1	49	11.56	11.57	11.92	11.5
20	64QAM	1	99	11.54	11.55	11.80	
20	64QAM	50	0	10.66	10.74	11.06	
20	64QAM	50	24	10.63	10.65	11.00	12.5
20	64QAM	50	50	10.60	10.58	10.69	
20	64QAM	100	0	10.46	10.49	10.62	
Channel				132047	132322	132597	
Frequency (MHz)				1717.5	1745	1772.5	
15	QPSK	1	0	12.82	12.90	12.87	13.5
15	QPSK	1	37	12.89	12.75	12.79	
15	QPSK	1	74	12.78	12.66	12.70	
15	QPSK	36	0	11.96	12.07	12.04	12.5
15	QPSK	36	20	11.91	11.98	11.97	
15	QPSK	36	39	11.78	11.86	11.83	
15	QPSK	75	0	11.76	11.72	11.81	13
15	16QAM	1	0	12.78	12.62	12.69	
15	16QAM	1	37	12.67	12.54	12.69	
15	16QAM	1	74	12.58	12.45	12.59	12
15	16QAM	36	0	10.98	11.34	11.19	
15	16QAM	36	20	10.86	11.30	11.16	
15	16QAM	36	39	10.92	11.26	10.96	12.5
15	16QAM	75	0	10.69	11.17	10.77	
15	64QAM	1	0	11.56	11.54	11.98	
15	64QAM	1	37	11.52	11.53	11.88	11.5
15	64QAM	1	74	11.50	11.51	11.76	
15	64QAM	36	0	10.62	10.70	11.02	
15	64QAM	36	20	10.59	10.61	10.96	12.5
15	64QAM	36	39	10.56	10.54	10.65	
15	64QAM	75	0	10.42	10.45	10.58	
Channel				132022	132322	132622	
Frequency (MHz)				1715	1745	1775	
10	QPSK	1	0	12.81	12.88	12.86	13.5
10	QPSK	1	25	12.85	12.71	12.75	
10	QPSK	1	49	12.74	12.62	12.66	
10	QPSK	25	0	11.92	12.03	12.00	12.5
10	QPSK	25	12	11.87	11.94	11.93	
10	QPSK	25	25	11.74	11.82	11.79	
10	QPSK	50	0	11.72	11.68	11.77	13
10	16QAM	1	0	12.74	12.58	12.65	
10	16QAM	1	25	12.63	12.50	12.65	
10	16QAM	1	49	12.54	12.41	12.55	12
10	16QAM	25	0	10.94	11.30	11.15	
10	16QAM	25	12	10.82	11.26	11.12	
10	16QAM	25	25	10.88	11.22	10.92	12.5
10	16QAM	50	0	10.65	11.13	10.73	
10	64QAM	1	0	11.52	11.50	11.94	
10	64QAM	1	25	11.48	11.49	11.84	11.5
10	64QAM	1	49	11.46	11.47	11.72	
10	64QAM	25	0	10.58	10.66	10.98	
10	64QAM	25	12	10.55	10.57	10.92	12.5
10	64QAM	25	25	10.52	10.50	10.61	
10	64QAM	50	0	10.38	10.41	10.54	
Channel				131997	132322	132647	
Frequency (MHz)				1712.5	1745	1777.5	
5	QPSK	1	0	12.86	12.91	12.85	13.5
5	QPSK	1	12	12.79	12.89	12.74	
5	QPSK	1	24	12.68	12.86	12.72	
5	QPSK	12	0	11.86	11.97	11.94	12.5
5	QPSK	12	7	11.81	11.88	11.87	
5	QPSK	12	13	11.68	11.76	11.73	
5	QPSK	25	0	11.66	11.62	11.71	13
5	16QAM	1	0	12.68	12.52	12.59	
5	16QAM	1	12	12.57	12.44	12.59	
5	16QAM	1	24	12.48	12.35	12.49	12
5	16QAM	12	0	10.88	11.24	11.09	
5	16QAM	12	7	10.76	11.20	11.06	
5	16QAM	12	13	10.82	11.16	10.86	12.5
5	16QAM	25	0	10.59	11.07	10.67	
5	64QAM	1	0	11.46	11.44	11.88	
5	64QAM	1	12	11.42	11.43	11.78	11.5
5	64QAM	1	24	11.40	11.41	11.66	
5	64QAM	12	0	10.52	10.60	10.92	
5	64QAM	12	7	10.49	10.51	10.86	12.5
5	64QAM	12	13	10.46	10.44	10.55	
5	64QAM	25	0	10.32	10.35	10.48	
Channel				131987	132322	132657	
Frequency (MHz)				1711.5	1745	1775.5	
3	QPSK	1	0	12.84	12.96	12.92	13.5
3	QPSK	1	8	12.75	12.92	12.90	
3	QPSK	1	14	12.69	12.82	12.88	
3	QPSK	8	0	11.82	11.93	11.90	12.5
3	QPSK	8	4	11.77	11.84	11.83	
3	QPSK	8	7	11.64	11.72	11.69	
3	QPSK	15	0	11.62	11.58	11.67	13
3	16QAM	1	0	12.64	12.48	12.55	
3	16QAM	1	8	12.53	12.40	12.55	
3	16QAM	1	14	12.44	12.31	12.45	

3	16QAM	8	0	10.84	11.20	11.05	12
3	16QAM	8	4	10.72	11.16	11.02	
3	16QAM	8	7	10.78	11.12	10.82	
3	16QAM	15	0	10.55	11.03	10.63	12.5
3	64QAM	1	0	11.42	11.40	11.84	
3	64QAM	1	8	11.38	11.39	11.74	
3	64QAM	1	14	11.36	11.37	11.62	11.5
3	64QAM	8	0	10.48	10.56	10.88	
3	64QAM	8	4	10.45	10.47	10.82	
3	64QAM	8	7	10.42	10.40	10.51	Tune-up limit (dBm)
3	64QAM	15	0	10.28	10.31	10.44	
Channel				131979	132322	132665	
Frequency (MHz)				1710.7	1745	1779.3	
1.4	QPSK	1	0	12.75	12.96	12.93	13.5
1.4	QPSK	1	3	12.70	12.96	12.89	
1.4	QPSK	1	5	12.59	12.87	12.82	
1.4	QPSK	3	0	11.77	11.88	11.85	
1.4	QPSK	3	1	11.72	11.79	11.78	
1.4	QPSK	3	3	11.59	11.67	11.64	
1.4	QPSK	6	0	11.57	11.53	11.62	12
1.4	16QAM	1	0	12.59	12.43	12.50	13
1.4	16QAM	1	3	12.48	12.35	12.50	
1.4	16QAM	1	5	12.39	12.26	12.40	
1.4	16QAM	3	0	10.79	11.15	11.00	
1.4	16QAM	3	1	10.67	11.11	10.97	
1.4	16QAM	3	3	10.73	11.07	10.77	
1.4	16QAM	6	0	10.50	10.98	10.58	11.5
1.4	64QAM	1	0	11.37	11.35	11.79	12.5
1.4	64QAM	1	3	11.33	11.34	11.69	
1.4	64QAM	1	5	11.31	11.32	11.57	
1.4	64QAM	3	0	10.43	10.51	10.83	
1.4	64QAM	3	1	10.40	10.42	10.77	
1.4	64QAM	3	3	10.37	10.35	10.46	
1.4	64QAM	6	0	10.23	10.26	10.39	11