



Appendix A

Transmitter Output Power

According to FCC Part 2.1046 & Part 27 Subpart C&L



Conducted Power of Transmitter

Table 1 Measurement Results(CDMA)

TEST CONDITIONS (TN/VN)	RF Output Power(Conducted)					
	Channel 25(B) 1711.25MHz		Channel 450(M) 1732.50MHz		Channel 875(T) 1753.75MHz	
	dBm		dBm		dBm	
	Measured	Limit	Measured	Limit	Measured	Limit
TM1	23.98	30.0	23.98	30.0	23.95	30.0
TM3	23.96	30.0	24.12	30.0	23.99	30.0
Subtype 0	23.59	30.0	23.75	30.0	23.70	30.0
Subtype 2	23.66	30.0	23.93	30.0	23.68	30.0



Table 2 Measurement Results (LTE) BAND 4

TM4 & TM5 RF Output Power(Conducted) BAND 4				
Test Mode	TN/VN			
	Modulation	RB	Measured (dBm)	Limit (dBm)
Channel (B) 5MHz(BW)	QPSK	1RB#0	22.88	30.0
		1RB#max	22.79	30.0
		12RB#6	21.83	30.0
		Full	21.92	30.0
	16QAM	1RB#0	22.02	30.0
		1RB#max	21.95	30.0
		12RB#6	20.70	30.0
		Full	21.28	30.0
Channel (B) 10MHz(BW)	QPSK	1RB#0	22.68	30.0
		1RB#max	22.91	30.0
		25RB#13	21.74	30.0
		Full	21.72	30.0
	16QAM	1RB#0	21.92	30.0
		1RB#max	21.96	30.0
		25RB#13	20.86	30.0
		Full	20.91	30.0
Channel (M) 5MHz(BW)	QPSK	1RB#0	23.16	30.0
		1RB#max	23.11	30.0
		12RB#6	22.15	30.0
		Full	22.09	30.0
	16QAM	1RB#0	21.75	30.0
		1RB#max	21.73	30.0
		12RB#6	20.9	30.0
		Full	21.51	30.0
Channel (M) 10MHz(BW)	QPSK	1RB#0	22.87	30.0
		1RB#max	23.05	30.0
		25RB#13	22.04	30.0
		Full	22.12	30.0
	16QAM	1RB#0	21.75	30.0
		1RB#max	21.81	30.0
		25RB#13	21.22	30.0
		Full	21.29	30.0
		1RB#0	23.03	30.0



Channel (T) 5MHz(BW)	QPSK	1RB#max	23.01	30.0
		12RB#6	21.83	30.0
		Full	21.91	30.0
	16QAM	1RB#0	22.23	30.0
		1RB#max	22.25	30.0
		12RB#6	20.74	30.0
Channel (T) 10MHz(BW)	QPSK	Full	21.36	30.0
		1RB#0	22.94	30.0
		1RB#max	22.98	30.0
		25RB#13	21.96	30.0
	16QAM	Full	22.13	30.0
		1RB#0	22.01	30.0
		1RB#max	22.06	30.0
		25RB#13	21.44	30.0
		Full	21.27	30.0

Table 3 Measurement Results(LTE) Band 12

TM4 & TM5 RF Output Power(Conducted)				
Test Mode	TN/VN			
	Modulation	RB	Measured (dBm)	Limit (dBm)
Channel(B) 1.4MHz(BW)	QPSK	1 RB/#0	23.14	34.77
		1 RB/#max	22.95	34.77
		3 RB/#2	22.98	34.77
		Full	22.08	34.77
	16QAM	1 RB/#0	22.45	34.77
		1 RB/#max	22.13	34.77
		3 RB/#2	22.26	34.77
		Full	21.24	34.77
Channel(B) 3MHz(BW)	QPSK	1 RB/#0	23.05	34.77
		1 RB/#max	23.02	34.77
		8 RB/#4	22.09	34.77
		Full	22.01	34.77
	16QAM	1 RB/#0	22.46	34.77



		1 RB/#max	22.51	34.77
		8 RB/#4	21.21	34.77
		Full	20.94	34.77
Channel (B) 5MHz(BW)	QPSK	1 RB/#0	22.99	34.77
		1 RB/#max	23.02	34.77
		12 RB/#6	22.16	34.77
		Full	22.09	34.77
	16QAM	1 RB/#0	22.36	34.77
		1 RB/#max	22.47	34.77
		12 RB/#6	21.21	34.77
		Full	21.48	34.77
Channel (B) 10MHz(BW)	QPSK	1 RB/#0	22.81	34.77
		1 RB/#max	22.77	34.77
		25 RB/#13	22.17	34.77
		Full	22.06	34.77
	16QAM	1 RB/#0	22.23	34.77
		1 RB/#max	22.21	34.77
		25 RB/#13	21.52	34.77
		Full	21.16	34.77
Channel (M) 1.4MHz(BW)	QPSK	1 RB/#0	22.98	34.77
		1 RB/#max	22.96	34.77
		3 RB/#2	22.89	34.77
		Full	21.93	34.77
	16QAM	1 RB/#0	22.23	34.77
		1 RB/#max	22.02	34.77
		3 RB/#2	22.15	34.77
		Full	21.12	34.77
Channel (M) 3MHz(BW)	QPSK	1 RB/#0	23.13	34.77
		1 RB/#max	23.06	34.77



		8 RB/#4	21.92	34.77
		Full	21.89	34.77
	16QAM	1 RB/#0	22.32	34.77
		1 RB/#max	22.23	34.77
		8 RB/#4	21.12	34.77
		Full	20.9	34.77
Channel (M) 5MHz(BW)	QPSK	1 RB/#0	22.91	34.77
		1 RB/#max	22.89	34.77
		12 RB/#6	21.91	34.77
		Full	21.95	34.77
	16QAM	1 RB/#0	22.35	34.77
		1 RB/#max	22.28	34.77
		12 RB/#6	20.96	34.77
		Full	21.42	34.77
Channel (M) 10MHz(BW)	QPSK	1 RB/#0	22.9	34.77
		1 RB/#max	23.16	34.77
		25 RB/#13	22.18	34.77
		Full	22.06	34.77
	16QAM	1 RB/#0	22.25	34.77
		1 RB/#max	22.28	34.77
		25 RB/#13	21.39	34.77
		Full	21.08	34.77
Channel (T) 1.4MHz(BW)	QPSK	1 RB/#0	22.91	34.77
		1 RB/#max	22.77	34.77
		3 RB/#2	22.68	34.77
		Full	21.81	34.77
	16QAM	1 RB/#0	22.08	34.77
		1 RB/#max	22.01	34.77
		3 RB/#2	21.83	34.77



		Full	20.96	34.77
Channel (T) 3MHz(BW)	QPSK	1 RB/#0	23.23	34.77
		1 RB/#max	22.72	34.77
		8 RB/#4	22.07	34.77
		Full	21.88	34.77
	16QAM	1 RB/#0	22.35	34.77
		1 RB/#max	22.02	34.77
		8 RB/#4	21.23	34.77
		Full	21.02	34.77
Channel (T) 5MHz(BW)	QPSK	1 RB/#0	23.51	34.77
		1 RB/#max	22.74	34.77
		12 RB/#6	22.19	34.77
		Full	22.05	34.77
	16QAM	1 RB/#0	22.28	34.77
		1 RB/#max	21.59	34.77
		12 RB/#6	20.97	34.77
		Full	21.53	34.77
Channel (T) 10MHz(BW)	QPSK	1 RB/#0	23.28	34.77
		1 RB/#max	22.67	34.77
		25 RB/#13	22.42	34.77
		Full	22.25	34.77
	16QAM	1 RB/#0	22.45	34.77
		1 RB/#max	22.03	34.77
		25 RB/#13	21.51	34.77
		Full	21.42	34.77



Effective Isotropic Radiated Power of Transmitter (EIRP)

Table 4 Substitution Results(CDMA)

Test Mode	Freq. [MHz]	Meas. Level [dBm]	Substitution Antenna Type	SGP [dBm]	Substitution Gain [dBi]	Cable Loss [dB]	Substitution Level (EIRP) [dBm]	FCC limit [dBm]	Result
TM1	1711.25	27.38	Horn Ant.	23.92	4.5	1	27.42	30	Pass
TM1	1732.5	27.38	Horn Ant.	23.97	4.5	1	27.47	30	Pass
TM1	1753.75	27.35	Horn Ant.	23.58	4.8	1	27.38	30	Pass
TM3	1711.25	27.36	Horn Ant.	23.91	4.5	1	27.41	30	Pass
TM3	1732.5	27.52	Horn Ant.	24.01	4.5	1	27.51	30	Pass
TM3	1753.75	27.39	Horn Ant.	23.62	4.8	1	27.42	30	Pass
Subtype 0	1711.25	26.99	Horn Ant.	23.51	4.5	1	27.01	30	Pass
Subtype 0	1732.5	27.15	Horn Ant.	23.62	4.5	1	27.12	30	Pass
Subtype 0	1753.75	27.10	Horn Ant.	23.36	4.8	1	27.16	30	Pass
Subtype 2	1711.25	27.06	Horn Ant.	23.63	4.5	1	27.13	30	Pass
Subtype 2	1732.5	27.33	Horn Ant.	23.81	4.5	1	27.31	30	Pass
Subtype 2	1753.75	27.08	Horn Ant.	23.42	4.8	1	27.22	30	Pass



Table 5 Substitution Results (LTE) BAND 4

Test Mode			Meas. Level [dBm]	Substitution Antenna Type	SGP[dBm]	Substitution Gain [dBi]	Cable Loss [dB]	Substitution Level (EIRP) [dBm]	FCC limit [dBm]	Result
Channel	Modulation	RB								
Channel (B) 5MHz(BW)	QPSK	1 RB/#0	26.28	Horn Ant.	22.76	4.5	1	26.26	30	Pass
		1 RB/#max	26.19	Horn Ant.	22.73	4.5	1	26.23	30	Pass
		12 RB/#6	25.23	Horn Ant.	21.75	4.5	1	25.25	30	Pass
		Full	25.32	Horn Ant.	21.86	4.5	1	25.36	30	Pass
	16QAM	1 RB/#0	25.42	Horn Ant.	21.91	4.5	1	25.41	30	Pass
		1 RB/#max	25.35	Horn Ant.	21.88	4.5	1	25.38	30	Pass
		12 RB/#6	24.10	Horn Ant.	20.66	4.5	1	24.16	30	Pass
		Full	24.68	Horn Ant.	21.02	4.5	1	24.52	30	Pass
Channel (B) 10MHz(BW)	QPSK	1 RB/#0	26.08	Horn Ant.	22.63	4.5	1	26.13	30	Pass
		1 RB/#max	26.31	Horn Ant.	22.78	4.5	1	26.28	30	Pass
		25 RB/#13	25.14	Horn Ant.	21.71	4.5	1	25.21	30	Pass
		Full	25.12	Horn Ant.	21.69	4.5	1	25.19	30	Pass
	16QAM	1 RB/#0	25.32	Horn Ant.	21.86	4.5	1	25.36	30	Pass
		1 RB/#max	25.36	Horn Ant.	21.81	4.5	1	25.31	30	Pass
		25 RB/#13	24.26	Horn Ant.	20.79	4.5	1	24.29	30	Pass



		Full	24.31	Horn Ant.	20.77	4.5	1	24.27	30	Pass
Channel (M) 5MHz(BW)	QPSK	1 RB/#0	26.56	Horn Ant.	23.07	4.5	1	26.57	30	Pass
		1 RB/#max	26.51	Horn Ant.	23	4.5	1	26.50	30	Pass
		12 RB/#6	25.55	Horn Ant.	22.02	4.5	1	25.52	30	Pass
		Full	25.49	Horn Ant.	21.93	4.5	1	25.43	30	Pass
	16QAM	1 RB/#0	25.15	Horn Ant.	21.68	4.5	1	25.18	30	Pass
		1 RB/#max	25.13	Horn Ant.	21.71	4.5	1	25.21	30	Pass
		12 RB/#6	24.30	Horn Ant.	20.83	4.5	1	24.33	30	Pass
		Full	24.91	Horn Ant.	21.32	4.5	1	24.82	30	Pass
Channel (M) 10MHz(BW)	QPSK	1 RB/#0	26.27	Horn Ant.	22.82	4.5	1	26.32	30	Pass
		1 RB/#max	26.45	Horn Ant.	22.94	4.5	1	26.44	30	Pass
		25 RB/#13	25.44	Horn Ant.	21.98	4.5	1	25.48	30	Pass
		Full	25.52	Horn Ant.	22.01	4.5	1	25.51	30	Pass
	16QAM	1 RB/#0	25.15	Horn Ant.	21.74	4.5	1	25.24	30	Pass
		1 RB/#max	25.21	Horn Ant.	21.73	4.5	1	25.23	30	Pass
		25 RB/#13	24.62	Horn Ant.	20.98	4.5	1	24.48	30	Pass
		Full	24.69	Horn Ant.	21.19	4.5	1	24.69	30	Pass
Channel (T) 5MHz(BW)	QPSK	1 RB/#0	26.43	Horn Ant.	22.55	4.8	1	26.35	30	Pass
		1 RB/#max	26.41	Horn Ant.	22.68	4.8	1	26.48	30	Pass



Channel (T) 10MHz(B W)		12 RB/#6	25.23	Horn Ant.	21.48	4.8	1	25.28	30	Pass
		Full	25.31	Horn Ant.	21.54	4.8	1	25.34	30	Pass
	16QA M	1 RB/#0	25.63	Horn Ant.	21.81	4.8	1	25.61	30	Pass
		1 RB/#max	25.65	Horn Ant.	21.88	4.8	1	25.68	30	Pass
		12 RB/#6	24.14	Horn Ant.	20.43	4.8	1	24.23	30	Pass
		Full	24.76	Horn Ant.	20.85	4.8	1	24.65	30	Pass
	QPSK	1 RB/#0	26.34	Horn Ant.	22.61	4.8	1	26.41	30	Pass
		1 RB/#max	26.38	Horn Ant.	22.56	4.8	1	26.36	30	Pass
		25 RB/#13	25.36	Horn Ant.	21.52	4.8	1	25.32	30	Pass
		Full	25.53	Horn Ant.	21.75	4.8	1	25.55	30	Pass
16QA M		1 RB/#0	25.41	Horn Ant.	21.68	4.8	1	25.48	30	Pass
		1 RB/#max	25.46	Horn Ant.	21.64	4.8	1	25.44	30	Pass
		25 RB/#13	24.84	Horn Ant.	20.92	4.8	1	24.72	30	Pass
		Full	24.67	Horn Ant.	20.89	4.8	1	24.69	30	Pass

Note: a, For getting the EIRP (Efficient Isotropic Radiated Power) in substitution method, the following formula should take to calculate it,

$$\text{EIRP [dBm]} = \text{SGP [dBm]} - \text{Cable Loss [dB]} + \text{Gain [dBi]}$$

b, SGP=Signal Generator Level



Effective Radiated Power of Transmitter (ERP)

Table 6 Substitution Results (LTE) BAND 12

Test Mode			Meas. Level [dBm]	Substitution Antenna Type	SGP[dBm]	Substitution Gain [dBd]	Cable Loss [dB]	Substitution Level (ERP) [dBm]	FCC limit [dBm]	Result
Channel	Modulation	RB								
Channel (B) 1.4MHz(BW)	QPSK	1 RB/#0	22.47	Dipole Ant.	26.08	-2.95	0.6	22.53	34.77	Pass
		1 RB/#max	22.28	Dipole Ant.	25.94	-2.95	0.6	22.39	34.77	Pass
		3 RB/#2	22.31	Dipole Ant.	25.90	-2.95	0.6	22.35	34.77	Pass
		Full	21.41	Dipole Ant.	25.01	-2.95	0.6	21.46	34.77	Pass
	16QAM	1 RB/#0	21.78	Dipole Ant.	25.31	-2.95	0.6	21.76	34.77	Pass
		1 RB/#max	21.46	Dipole Ant.	25.08	-2.95	0.6	21.53	34.77	Pass
		3 RB/#2	21.59	Dipole Ant.	25.17	-2.95	0.6	21.62	34.77	Pass
		Full	20.57	Dipole Ant.	24.16	-2.95	0.6	20.61	34.77	Pass
Channel (B) 3MHz(BW)	QPSK	1 RB/#0	22.38	Dipole Ant.	25.82	-2.95	0.6	22.27	34.77	Pass
		1 RB/#max	22.35	Dipole Ant.	25.88	-2.95	0.6	22.33	34.77	Pass
		8 RB/#4	21.42	Dipole Ant.	25.00	-2.95	0.6	21.45	34.77	Pass
		Full	21.34	Dipole Ant.	24.93	-2.95	0.6	21.38	34.77	Pass
	16QAM	1 RB/#0	21.79	Dipole	25.32	-2.95	0.6	21.77	34.77	Pass



	M			Ant.						
		1 RB/#max	21.84	Dipole Ant.	25.36	-2.95	0.6	21.81	34.77	Pass
		8 RB/#4	20.54	Dipole Ant.	24.01	-2.95	0.6	20.46	34.77	Pass
		Full	20.27	Dipole Ant.	23.84	-2.95	0.6	20.29	34.77	Pass
Channel (B) 5MHz(BW)	QPSK	1 RB/#0	22.32	Dipole Ant.	25.86	-2.95	0.6	22.31	34.77	Pass
		1 RB/#max	22.35	Dipole Ant.	25.91	-2.95	0.6	22.36	34.77	Pass
		12 RB/#6	21.49	Dipole Ant.	24.98	-2.95	0.6	21.43	34.77	Pass
		Full	21.42	Dipole Ant.	24.95	-2.95	0.6	21.40	34.77	Pass
	16QAM	1 RB/#0	21.69	Dipole Ant.	25.17	-2.95	0.6	21.62	34.77	Pass
		1 RB/#max	21.80	Dipole Ant.	25.38	-2.95	0.6	21.83	34.77	Pass
		12 RB/#6	20.54	Dipole Ant.	24.16	-2.95	0.6	20.61	34.77	Pass
		Full	20.81	Dipole Ant.	24.30	-2.95	0.6	20.75	34.77	Pass
Channel (B) 10MHz(BW)	QPSK	1 RB/#0	22.14	Dipole Ant.	25.72	-2.95	0.6	22.17	34.77	Pass
		1 RB/#max	22.10	Dipole Ant.	25.69	-2.95	0.6	22.14	34.77	Pass
		25 RB/#13	21.50	Dipole Ant.	25.01	-2.95	0.6	21.46	34.77	Pass
		Full	21.39	Dipole Ant.	24.90	-2.95	0.6	21.35	34.77	Pass
	16QAM	1 RB/#0	21.56	Dipole	25.07	-2.95	0.6	21.52	34.77	Pass



	M			Ant.						
		1 RB/#max	21.54	Dipole Ant.	25.05	-2.95	0.6	21.50	34.77	Pass
		25 RB/#13	20.85	Dipole Ant.	24.37	-2.95	0.6	20.82	34.77	Pass
		Full	20.49	Dipole Ant.	24.11	-2.95	0.6	20.56	34.77	Pass
Channel (M) 1.4MHz(BW)	QPSK	1 RB/#0	22.31	Dipole Ant.	25.98	-3.02	0.6	22.36	34.77	Pass
		1 RB/#max	22.29	Dipole Ant.	25.89	-3.02	0.6	22.27	34.77	Pass
		3 RB/#2	22.22	Dipole Ant.	25.90	-3.02	0.6	22.28	34.77	Pass
		Full	21.26	Dipole Ant.	24.93	-3.02	0.6	21.31	34.77	Pass
	16QAM	1 RB/#0	21.56	Dipole Ant.	25.14	-3.02	0.6	21.52	34.77	Pass
		1 RB/#max	21.35	Dipole Ant.	24.93	-3.02	0.6	21.31	34.77	Pass
		3 RB/#2	21.48	Dipole Ant.	25.07	-3.02	0.6	21.45	34.77	Pass
		Full	20.45	Dipole Ant.	24.04	-3.02	0.6	20.42	34.77	Pass
Channel (M) 3MHz(BW)	QPSK	1 RB/#0	22.46	Dipole Ant.	25.99	-3.02	0.6	22.37	34.77	Pass
		1 RB/#max	22.39	Dipole Ant.	26.04	-3.02	0.6	22.42	34.77	Pass
		8 RB/#4	21.25	Dipole Ant.	24.90	-3.02	0.6	21.28	34.77	Pass
		Full	21.22	Dipole Ant.	24.87	-3.02	0.6	21.25	34.77	Pass
	16QAM	1 RB/#0	21.65	Dipole	25.30	-3.02	0.6	21.68	34.77	Pass



	M			Ant.						
		1 RB/#max	21.56	Dipole Ant.	25.15	-3.02	0.6	21.53	34.77	Pass
		8 RB/#4	20.45	Dipole Ant.	24.10	-3.02	0.6	20.48	34.77	Pass
		Full	20.23	Dipole Ant.	23.94	-3.02	0.6	20.32	34.77	Pass
Channel (M) 5MHz(BW)	QPSK	1 RB/#0	22.24	Dipole Ant.	25.89	-3.02	0.6	22.27	34.77	Pass
		1 RB/#max	22.22	Dipole Ant.	25.86	-3.02	0.6	22.24	34.77	Pass
		12 RB/#6	21.24	Dipole Ant.	24.93	-3.02	0.6	21.31	34.77	Pass
		Full	21.28	Dipole Ant.	24.88	-3.02	0.6	21.26	34.77	Pass
	16QAM	1 RB/#0	21.68	Dipole Ant.	25.35	-3.02	0.6	21.73	34.77	Pass
		1 RB/#max	21.61	Dipole Ant.	25.27	-3.02	0.6	21.65	34.77	Pass
		12 RB/#6	20.29	Dipole Ant.	23.99	-3.02	0.6	20.37	34.77	Pass
		Full	20.75	Dipole Ant.	24.30	-3.02	0.6	20.68	34.77	Pass
Channel (M) 10MHz(BW)	QPSK	1 RB/#0	22.23	Dipole Ant.	25.95	-3.02	0.6	22.33	34.77	Pass
		1 RB/#max	22.49	Dipole Ant.	26.07	-3.02	0.6	22.45	34.77	Pass
		25 RB/#13	21.51	Dipole Ant.	25.18	-3.02	0.6	21.56	34.77	Pass
		Full	21.39	Dipole Ant.	25.07	-3.02	0.6	21.45	34.77	Pass
	16QAM	1 RB/#0	21.58	Dipole	25.16	-3.02	0.6	21.54	34.77	Pass



	M			Ant.						
		1 RB/#max	21.61	Dipole Ant.	25.25	-3.02	0.6	21.63	34.77	Pass
		25 RB/#13	20.72	Dipole Ant.	24.29	-3.02	0.6	20.67	34.77	Pass
		Full	20.41	Dipole Ant.	24.10	-3.02	0.6	20.48	34.77	Pass
Channel (T) 1.4MHz(BW)	QPSK	1 RB/#0	22.24	Dipole Ant.	25.93	-3.11	0.6	22.22	34.77	Pass
		1 RB/#max	22.10	Dipole Ant.	25.89	-3.11	0.6	22.18	34.77	Pass
		3 RB/#2	22.01	Dipole Ant.	25.78	-3.11	0.6	22.07	34.77	Pass
		Full	21.14	Dipole Ant.	24.86	-3.11	0.6	21.15	34.77	Pass
	16QAM	1 RB/#0	21.41	Dipole Ant.	25.17	-3.11	0.6	21.46	34.77	Pass
		1 RB/#max	21.34	Dipole Ant.	25.09	-3.11	0.6	21.38	34.77	Pass
		3 RB/#2	21.16	Dipole Ant.	24.93	-3.11	0.6	21.22	34.77	Pass
		Full	20.29	Dipole Ant.	24.02	-3.11	0.6	20.31	34.77	Pass
Channel (T) 3MHz(BW)	QPSK	1 RB/#0	22.56	Dipole Ant.	26.32	-3.11	0.6	22.61	34.77	Pass
		1 RB/#max	22.05	Dipole Ant.	25.94	-3.11	0.6	22.23	34.77	Pass
		8 RB/#4	21.40	Dipole Ant.	25.19	-3.11	0.6	21.48	34.77	Pass
		Full	21.21	Dipole Ant.	25.03	-3.11	0.6	21.32	34.77	Pass
	16QAM	1 RB/#0	21.68	Dipole	25.32	-3.11	0.6	21.61	34.77	Pass



	M			Ant.						
		1 RB/#max	21.35	Dipole Ant.	25.03	-3.11	0.6	21.32	34.77	Pass
		8 RB/#4	20.56	Dipole Ant.	24.22	-3.11	0.6	20.51	34.77	Pass
		Full	20.35	Dipole Ant.	24.03	-3.11	0.6	20.32	34.77	Pass
Channel (T) 5MHz(BW)	QPSK	1 RB/#0	22.84	Dipole Ant.	26.52	-3.11	0.6	22.81	34.77	Pass
		1 RB/#max	22.07	Dipole Ant.	25.93	-3.11	0.6	22.22	34.77	Pass
		12 RB/#6	21.52	Dipole Ant.	25.22	-3.11	0.6	21.51	34.77	Pass
		Full	21.38	Dipole Ant.	25.14	-3.11	0.6	21.43	34.77	Pass
	16QAM	1 RB/#0	21.61	Dipole Ant.	25.17	-3.11	0.6	21.46	34.77	Pass
		1 RB/#max	20.92	Dipole Ant.	24.70	-3.11	0.6	20.99	34.77	Pass
		12 RB/#6	20.30	Dipole Ant.	24.06	-3.11	0.6	20.35	34.77	Pass
		Full	20.86	Dipole Ant.	24.48	-3.11	0.6	20.77	34.77	Pass
Channel (T) 10MHz(BW)	QPSK	1 RB/#0	22.61	Dipole Ant.	26.24	-3.11	0.6	22.53	34.77	Pass
		1 RB/#max	22.00	Dipole Ant.	25.83	-3.11	0.6	22.12	34.77	Pass
		25 RB/#13	21.75	Dipole Ant.	25.42	-3.11	0.6	21.71	34.77	Pass
		Full	21.58	Dipole Ant.	25.35	-3.11	0.6	21.64	34.77	Pass
	16QAM	1 RB/#0	21.78	Dipole	25.44	-3.11	0.6	21.73	34.77	Pass



	M			Ant.						
		1 RB/#max	21.36	Dipole Ant.	25.02	-3.11	0.6	21.31	34.77	Pass
		25 RB/#13	20.84	Dipole Ant.	24.51	-3.11	0.6	20.80	34.77	Pass
		Full	20.75	Dipole Ant.	24.49	-3.11	0.6	20.78	34.77	Pass

Note: a, For getting the ERP (Efficient Radiated Power) in substitution method, the following formula should take to calculate it,

$$ERP [dBm] = SGP [dBm] - Cable Loss [dB] + Gain [dBd]$$

b, SGP=Signal Generator Level

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