

Report No.: SEWM2209000178RG01

Rev.: 01

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# Appendix B.6

## LTE Band 12



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## Effective (Isotropic) Radiated Power Output Data

### Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band12	1.4MHz	QPSK	23017	1RB#0	22.41	20.89	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#2	22.46	20.94	34.77	PASS
Band12	1.4MHz	QPSK	23017	1RB#5	22.48	20.96	34.77	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	21.49	19.97	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#0	22.52	21	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#2	22.5	20.98	34.77	PASS
Band12	1.4MHz	QPSK	23095	1RB#5	22.51	20.99	34.77	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	21.53	20.01	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#0	22.45	20.93	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#2	22.47	20.95	34.77	PASS
Band12	1.4MHz	QPSK	23173	1RB#5	22.46	20.94	34.77	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	21.51	19.99	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#0	21.54	20.02	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#2	21.61	20.09	34.77	PASS
Band12	1.4MHz	16QAM	23017	1RB#5	21.61	20.09	34.77	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	20.58	19.06	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#0	21.7	20.18	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#2	21.7	20.18	34.77	PASS
Band12	1.4MHz	16QAM	23095	1RB#5	21.65	20.13	34.77	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	20.53	19.01	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#0	21.61	20.09	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#2	21.56	20.04	34.77	PASS
Band12	1.4MHz	16QAM	23173	1RB#5	21.6	20.08	34.77	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	20.47	18.95	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#0	20.78	19.26	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#2	20.8	19.28	34.77	PASS
Band12	1.4MHz	64QAM	23017	1RB#5	20.79	19.27	34.77	PASS



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Band12	1.4MHz	64QAM	23017	6RB#0	19.59	18.07	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#0	20.69	19.17	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#2	20.7	19.18	34.77	PASS
Band12	1.4MHz	64QAM	23095	1RB#5	20.7	19.18	34.77	PASS
Band12	1.4MHz	64QAM	23095	6RB#0	19.65	18.13	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#0	20.65	19.13	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#2	20.67	19.15	34.77	PASS
Band12	1.4MHz	64QAM	23173	1RB#5	21.14	19.62	34.77	PASS
Band12	1.4MHz	64QAM	23173	6RB#0	19.63	18.11	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#0	18.96	17.44	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#2	18.75	17.23	34.77	PASS
Band12	1.4MHz	256QAM	23017	1RB#5	18.52	17	34.77	PASS
Band12	1.4MHz	256QAM	23017	6RB#0	17.65	16.13	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#0	18.87	17.35	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#2	18.89	17.37	34.77	PASS
Band12	1.4MHz	256QAM	23095	1RB#5	18.78	17.26	34.77	PASS
Band12	1.4MHz	256QAM	23095	6RB#0	17.65	16.13	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#0	18.52	17	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#2	18.56	17.04	34.77	PASS
Band12	1.4MHz	256QAM	23173	1RB#5	18.54	17.02	34.77	PASS
Band12	1.4MHz	256QAM	23173	6RB#0	17.63	16.11	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#0	22.43	20.91	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#8	22.48	20.96	34.77	PASS
Band12	3MHz	QPSK	23025	1RB#14	22.45	20.93	34.77	PASS
Band12	3MHz	QPSK	23025	15RB#0	21.48	19.96	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#0	20.49	18.97	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#8	22.52	21	34.77	PASS
Band12	3MHz	QPSK	23095	1RB#14	22.46	20.94	34.77	PASS
Band12	3MHz	QPSK	23095	15RB#0	21.5	19.98	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#0	22.49	20.97	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#8	22.48	20.96	34.77	PASS
Band12	3MHz	QPSK	23165	1RB#14	22.45	20.93	34.77	PASS
Band12	3MHz	QPSK	23165	15RB#0	21.45	19.93	34.77	PASS



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Band12	3MHz	16QAM	23025	1RB#0	21.54	20.02	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#8	21.52	20	34.77	PASS
Band12	3MHz	16QAM	23025	1RB#14	21.55	20.03	34.77	PASS
Band12	3MHz	16QAM	23025	15RB#0	20.63	19.11	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#0	21.67	20.15	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#8	21.58	20.06	34.77	PASS
Band12	3MHz	16QAM	23095	1RB#14	21.57	20.05	34.77	PASS
Band12	3MHz	16QAM	23095	15RB#0	20.48	18.96	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#0	21.64	20.12	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#8	21.64	20.12	34.77	PASS
Band12	3MHz	16QAM	23165	1RB#14	21.55	20.03	34.77	PASS
Band12	3MHz	16QAM	23165	15RB#0	20.45	18.93	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#0	20.74	19.22	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#8	20.75	19.23	34.77	PASS
Band12	3MHz	64QAM	23025	1RB#14	20.8	19.28	34.77	PASS
Band12	3MHz	64QAM	23025	15RB#0	19.67	18.15	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#0	20.7	19.18	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#8	20.67	19.15	34.77	PASS
Band12	3MHz	64QAM	23095	1RB#14	20.67	19.15	34.77	PASS
Band12	3MHz	64QAM	23095	15RB#0	19.66	18.14	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#0	20.67	19.15	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#8	20.67	19.15	34.77	PASS
Band12	3MHz	64QAM	23165	1RB#14	20.55	19.03	34.77	PASS
Band12	3MHz	64QAM	23165	15RB#0	19.65	18.13	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#0	18.63	17.11	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#8	18.58	17.06	34.77	PASS
Band12	3MHz	256QAM	23025	1RB#14	18.74	17.22	34.77	PASS
Band12	3MHz	256QAM	23025	15RB#0	17.65	16.13	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#0	18.85	17.33	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#8	18.65	17.13	34.77	PASS
Band12	3MHz	256QAM	23095	1RB#14	18.54	17.02	34.77	PASS
Band12	3MHz	256QAM	23095	15RB#0	17.63	16.11	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#0	18.63	17.11	34.77	PASS



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Band12	3MHz	256QAM	23165	1RB#8	18.65	17.13	34.77	PASS
Band12	3MHz	256QAM	23165	1RB#14	18.54	17.02	34.77	PASS
Band12	3MHz	256QAM	23165	15RB#0	17.63	16.11	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#0	22.48	20.96	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#12	22.54	21.02	34.77	PASS
Band12	5MHz	QPSK	23035	1RB#24	22.5	20.98	34.77	PASS
Band12	5MHz	QPSK	23035	25RB#0	21.51	19.99	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#0	22.58	21.06	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#12	22.61	21.09	34.77	PASS
Band12	5MHz	QPSK	23095	1RB#24	22.55	21.03	34.77	PASS
Band12	5MHz	QPSK	23095	25RB#0	21.5	19.98	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#0	22.57	21.05	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#12	22.58	21.06	34.77	PASS
Band12	5MHz	QPSK	23155	1RB#24	22.5	20.98	34.77	PASS
Band12	5MHz	QPSK	23155	25RB#0	21.58	20.06	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#0	21.57	20.05	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#12	21.64	20.12	34.77	PASS
Band12	5MHz	16QAM	23035	1RB#24	21.6	20.08	34.77	PASS
Band12	5MHz	16QAM	23035	25RB#0	20.66	19.14	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#0	21.74	20.22	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#12	21.65	20.13	34.77	PASS
Band12	5MHz	16QAM	23095	1RB#24	21.61	20.09	34.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	20.47	18.95	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#0	21.65	20.13	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#12	21.7	20.18	34.77	PASS
Band12	5MHz	16QAM	23155	1RB#24	21.63	20.11	34.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	20.57	19.05	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#0	20.82	19.3	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#12	20.82	19.3	34.77	PASS
Band12	5MHz	64QAM	23035	1RB#24	20.64	19.12	34.77	PASS
Band12	5MHz	64QAM	23035	25RB#0	19.65	18.13	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#0	20.76	19.24	34.77	PASS
Band12	5MHz	64QAM	23095	1RB#12	20.76	19.24	34.77	PASS



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Band12	5MHz	64QAM	23095	1RB#24	20.66	19.14	34.77	PASS
Band12	5MHz	64QAM	23095	25RB#0	19.64	18.12	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#0	20.7	19.18	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#12	20.74	19.22	34.77	PASS
Band12	5MHz	64QAM	23155	1RB#24	20.71	19.19	34.77	PASS
Band12	5MHz	64QAM	23155	25RB#0	19.7	18.18	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#0	18.66	17.14	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#12	18.54	17.02	34.77	PASS
Band12	5MHz	256QAM	23035	1RB#24	18.54	17.02	34.77	PASS
Band12	5MHz	256QAM	23035	25RB#0	17.63	16.11	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#0	18.55	17.03	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#12	18.65	17.13	34.77	PASS
Band12	5MHz	256QAM	23095	1RB#24	18.47	16.95	34.77	PASS
Band12	5MHz	256QAM	23095	25RB#0	17.69	16.17	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#0	18.54	17.02	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#12	18.63	17.11	34.77	PASS
Band12	5MHz	256QAM	23155	1RB#24	18.52	17	34.77	PASS
Band12	5MHz	256QAM	23155	25RB#0	17.56	16.04	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#0	22.46	20.94	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#24	22.51	20.99	34.77	PASS
Band12	10MHz	QPSK	23060	1RB#49	22.48	20.96	34.77	PASS
Band12	10MHz	QPSK	23060	50RB#0	21.58	20.06	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#0	22.36	20.84	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#24	22.56	21.04	34.77	PASS
Band12	10MHz	QPSK	23095	1RB#49	22.44	20.92	34.77	PASS
Band12	10MHz	QPSK	23095	50RB#0	21.48	19.96	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#0	21.69	20.17	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#24	22.52	21	34.77	PASS
Band12	10MHz	QPSK	23130	1RB#49	22.43	20.91	34.77	PASS
Band12	10MHz	QPSK	23130	50RB#0	21.57	20.05	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#0	21.57	20.05	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#24	21.73	20.21	34.77	PASS
Band12	10MHz	16QAM	23060	1RB#49	21.58	20.06	34.77	PASS



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Band12	10MHz	16QAM	23060	50RB#0	20.51	18.99	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#0	21.58	20.06	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#24	21.71	20.19	34.77	PASS
Band12	10MHz	16QAM	23095	1RB#49	21.59	20.07	34.77	PASS
Band12	10MHz	16QAM	23095	50RB#0	20.44	18.92	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#0	21.68	20.16	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#24	21.69	20.17	34.77	PASS
Band12	10MHz	16QAM	23130	1RB#49	21.52	20	34.77	PASS
Band12	10MHz	16QAM	23130	50RB#0	20.56	19.04	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#0	20.76	19.24	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#24	20.69	19.17	34.77	PASS
Band12	10MHz	64QAM	23060	1RB#49	20.66	19.14	34.77	PASS
Band12	10MHz	64QAM	23060	50RB#0	19.73	18.21	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#0	20.81	19.29	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#24	20.73	19.21	34.77	PASS
Band12	10MHz	64QAM	23095	1RB#49	20.63	19.11	34.77	PASS
Band12	10MHz	64QAM	23095	50RB#0	19.57	18.05	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#0	20.69	19.17	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#24	20.65	19.13	34.77	PASS
Band12	10MHz	64QAM	23130	1RB#49	20.63	19.11	34.77	PASS
Band12	10MHz	64QAM	23130	50RB#0	19.67	18.15	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#0	18.66	17.14	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#24	18.63	17.11	34.77	PASS
Band12	10MHz	256QAM	23060	1RB#49	18.63	17.11	34.77	PASS
Band12	10MHz	256QAM	23060	50RB#0	17.58	16.06	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#0	18.87	17.35	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#24	18.79	17.27	34.77	PASS
Band12	10MHz	256QAM	23095	1RB#49	18.55	17.03	34.77	PASS
Band12	10MHz	256QAM	23095	50RB#0	17.63	16.11	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#0	18.41	16.89	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#24	18.54	17.02	34.77	PASS
Band12	10MHz	256QAM	23130	1RB#49	18.63	17.11	34.77	PASS
Band12	10MHz	256QAM	23130	50RB#0	17.65	16.13	34.77	PASS



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## Field Strength of Spurious Radiation

Test Band = LTE Band12\_ TM1

Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	88.43	-48.00	25.62	-29.21	-13.00	16.21	142	122	Horizontal
2	2098.7700	83.54	-47.71	26.99	-32.45	-13.00	19.45	132	18	Horizontal
3	2798.3600	65.78	-46.92	28.48	-47.92	-13.00	34.92	152	29	Horizontal
4	3497.9500	65.31	-46.54	29.52	-46.97	-13.00	33.97	165	109	Horizontal
5	4197.5400	59.15	-45.96	31.10	-50.97	-13.00	37.97	145	122	Horizontal
6	4897.1300	57.95	-45.58	32.59	-50.30	-13.00	37.30	192	55	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1399.1800	83.83	-48.00	25.62	-33.81	-13.00	20.81	214	117	Vertical
2	2098.7700	83.24	-47.71	26.99	-32.75	-13.00	19.75	135	117	Vertical
3	2798.3600	65.91	-46.92	28.48	-47.79	-13.00	34.79	126	184	Vertical
4	3497.7143	61.89	-46.54	29.52	-50.39	-13.00	37.39	195	276	Vertical
5	4197.5400	58.49	-45.96	31.10	-51.63	-13.00	38.63	148	105	Vertical
6	4897.1300	53.80	-45.58	32.59	-54.45	-13.00	41.45	122	238	Vertical



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**Test Band = LTE Band12\_ TM1**

**Test Channel = Mid**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	88.19	-48.02	25.61	-29.48	-13.00	16.48	289	256	Horizontal
2	2109.2700	82.69	-47.71	27.02	-33.25	-13.00	20.25	174	335	Horizontal
3	2812.3600	67.84	-46.88	28.53	-45.76	-13.00	32.76	145	322	Horizontal
4	3515.4286	66.72	-46.51	29.53	-45.52	-13.00	32.52	136	123	Horizontal
5	4218.5400	61.27	-45.93	31.14	-48.78	-13.00	35.78	256	123	Horizontal
6	4921.6300	55.97	-45.63	32.66	-52.26	-13.00	39.26	122	56	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	85.20	-48.02	25.61	-32.47	-13.00	19.47	245	170	Vertical
2	2109.1429	83.80	-47.71	27.02	-32.15	-13.00	19.15	132	144	Vertical
3	2812.3600	66.50	-46.88	28.53	-47.10	-13.00	34.10	166	196	Vertical
4	3515.4286	60.27	-46.51	29.53	-51.97	-13.00	38.97	145	288	Vertical
5	4218.5400	57.98	-45.93	31.14	-52.07	-13.00	39.07	199	129	Vertical
6	4921.6300	56.34	-45.63	32.66	-51.89	-13.00	38.89	148	37	Vertical



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Test Band = LTE Band12\_ TM1

Test Channel = High

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1429	88.89	-48.04	25.60	-28.81	-13.00	15.81	245	255	Horizontal
2	2119.7700	80.30	-47.70	27.06	-35.60	-13.00	22.60	133	214	Horizontal
3	2826.3600	65.87	-46.83	28.60	-47.62	-13.00	34.62	256	201	Horizontal
4	3532.9500	68.11	-46.47	29.55	-44.07	-13.00	31.07	293	94	Horizontal
5	4239.4286	61.87	-45.89	31.18	-48.10	-13.00	35.10	135	94	Horizontal
6	4946.1300	57.81	-45.69	32.73	-50.41	-13.00	37.41	174	56	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	84.85	-48.04	25.60	-32.85	-13.00	19.85	231	360	Vertical
2	2119.7700	81.36	-47.70	27.06	-34.54	-13.00	21.54	210	157	Vertical
3	2826.3600	65.21	-46.83	28.60	-48.28	-13.00	35.28	174	40	Vertical
4	3532.9500	62.90	-46.47	29.55	-49.28	-13.00	36.28	196	276	Vertical
5	4239.5400	60.55	-45.89	31.18	-49.42	-13.00	36.42	153	40	Vertical
6	4946.1300	53.13	-45.69	32.73	-55.09	-13.00	42.09	219	276	Vertical



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Test Band = LTE 12A-66A\_TM1  
 Test Channel = Low

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406	66.56	-25.24	25.61	-28.32	-13.00	15.32	251	280	Horizontal
2	2109.3333	62.23	-24.19	27.02	-30.20	-13.00	17.20	133	269	Horizontal
3	2798.3600	37.71	-22.56	28.48	-51.64	-13.00	38.64	133	356	Horizontal
4	3404.1800	49.14	-46.28	29.43	-62.97	-13.00	49.97	251	29	Horizontal
5	5106.2700	46.40	-45.36	32.94	-61.29	-13.00	48.29	145	60	Horizontal
6	6808.3600	47.44	-44.16	35.85	-56.13	-13.00	43.13	199	90	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406	62.69	-25.24	25.61	-32.19	-13.00	19.19	256	142	Vertical
2	2109.3333	61.14	-24.19	27.02	-31.29	-13.00	18.29	148	104	Vertical
3	2798.3600	37.95	-22.56	28.48	-51.40	-13.00	38.40	195	2	Vertical
4	3404.1800	48.97	-46.28	29.43	-63.14	-13.00	50.14	165	148	Vertical
5	5106.2700	47.30	-45.36	32.94	-60.39	-13.00	47.39	125	90	Vertical
6	6808.3600	47.61	-44.16	35.85	-55.96	-13.00	42.96	148	163	Vertical



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Test Band = LTE 12A-66A\_ TM1  
 Test Channel = Mid

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406.1800	64.73	-25.24	25.61	-30.15	-13.00	17.15	254	190	Horizontal
2	2109.2700	60.83	-24.19	27.02	-31.60	-13.00	18.60	132	240	Horizontal
3	2812.3600	45.68	-22.61	28.54	-43.66	-13.00	30.66	100	340	Horizontal
4	3454.1800	49.23	-46.27	29.48	-62.82	-13.00	49.82	166	357	Horizontal
5	5181.2700	47.62	-45.30	32.98	-59.96	-13.00	46.96	192	360	Horizontal
6	6908.3600	46.24	-44.05	35.97	-57.10	-13.00	44.10	147	148	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406	64.29	-25.24	25.61	-30.59	-13.00	17.59	111	171	Vertical
2	2109.2700	62.10	-24.19	27.02	-30.33	-13.00	17.33	186	123	Vertical
3	2812.3600	46.86	-22.61	28.54	-42.48	-13.00	29.48	166	162	Vertical
4	3454.1800	49.16	-46.27	29.48	-62.89	-13.00	49.89	199	90	Vertical
5	5181.2700	46.28	-45.30	32.98	-61.30	-13.00	48.30	132	331	Vertical
6	6908.3600	45.71	-44.05	35.97	-57.63	-13.00	44.63	235	165	Vertical



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**Test Band = LTE 12A-66A\_ TM1**  
**Test Channel = High**

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1413.1800	38.52	-25.23	25.60	-56.37	-13.00	43.37	125	269	Horizontal
2	2119.7700	38.28	-24.18	27.06	-54.10	-13.00	41.10	198	130	Horizontal
3	2826.3600	38.42	-22.67	28.60	-50.91	-13.00	37.91	148	72	Horizontal
4	3504.1800	49.05	-46.25	29.52	-62.94	-13.00	49.94	165	359	Horizontal
5	5256.2700	46.92	-45.17	32.94	-60.58	-13.00	47.58	126	360	Horizontal
6	7008.3600	46.69	-43.61	36.10	-56.08	-13.00	43.08	135	88	Horizontal

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	1406	63.11	-25.24	25.61	-31.77	-13.00	18.77	125	165	Vertical
2	2109.3333	62.96	-24.19	27.02	-29.47	-13.00	16.47	145	195	Vertical
3	2812.6667	45.57	-22.61	28.54	-43.77	-13.00	30.77	166	156	Vertical
4	3515.25	58.52	-46.24	29.53	-53.45	-13.00	40.45	132	164	Vertical
5	5256.2700	47.42	-45.17	32.94	-60.08	-13.00	47.08	145	90	Vertical
6	7008.3600	46.48	-43.61	36.10	-56.29	-13.00	43.29	133	118	Vertical

Remark:

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

- AF = Antenna Factor(dB/m)
- Factor = Cable Factor(dB) - Preamplifier (dB)
- Level = Reading Level + AF + Factor -95.26
- Margin = Limit – Level

---End of Attachment---

