

Test Band = LTE Band 2_ TM1
Test Channel = High Channel

Final Data List										
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Polarity
1	3782.1800	41.47	-45.85	30.27	-69.37	-13.00	56.37	266	104	Horizontal
2	5673.2700	40.33	-44.91	33.29	-66.55	-13.00	53.55	147	343	Horizontal
3	7564.3600	43.46	-43.00	36.41	-58.40	-13.00	45.40	185	285	Horizontal
4	9455.4500	34.95	-40.05	38.48	-61.89	-13.00	48.89	196	196	Horizontal
5	11346.5400	31.68	-37.40	39.11	-61.87	-13.00	48.87	141	360	Horizontal
6	13237.6300	29.68	-37.08	39.96	-62.69	-13.00	49.69	152	135	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	3782.1800	42.78	-45.85	30.27	-68.06	-13.00	55.06	241	75	Vertical
2	5673	47.58	-44.91	33.29	-59.30	-13.00	46.30	233	181	Vertical
3	7564.3600	43.77	-43.00	36.41	-58.09	-13.00	45.09	142	29	Vertical
4	9455.4500	34.82	-40.05	38.48	-62.02	-13.00	49.02	166	330	Vertical
5	11346.5400	31.66	-37.40	39.11	-61.89	-13.00	48.89	258	239	Vertical
6	13237.6300	30.00	-37.08	39.96	-62.37	-13.00	49.37	191	44	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



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Frequency Stability

Test Result

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	VL	NT	-3.10	-0.001649	PASS
Band2	20MHz	QPSK	18900	100RB#0	VN	NT	-1.20	-0.000638	PASS
Band2	20MHz	QPSK	18900	100RB#0	VH	NT	-2.60	-0.001383	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band2	20MHz	QPSK	18900	100RB#0	NV	-30	-2.90	-0.001543	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-20	-2.00	-0.001064	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	-10	-3.10	-0.001649	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	0	-1.70	-0.000904	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	10	-2.00	-0.001064	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	20	-2.10	-0.001117	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	30	0.30	0.000160	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	40	-1.60	-0.000851	PASS
Band2	20MHz	QPSK	18900	100RB#0	NV	50	-1.50	-0.000798	PASS

---End of Attachment---



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