

**Test Band = LTE Band 42 3450M-3550M\_ 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	8929.375	38.26	-38.86	38.52	-57.34	-13.00	44.34	265	199	Horizontal
2	13089.5	33.88	-34.65	39.65	-56.37	-13.00	43.37	284	360	Horizontal
3	7062.18	41.65	-42.30	36.24	-59.68	-13.00	46.68	142	162	Horizontal
4	10593.27	33.14	-36.13	39.15	-59.10	-13.00	46.10	263	71	Horizontal
5	14124.36	32.10	-34.81	40.08	-57.89	-13.00	44.89	225	143	Horizontal
6	17655.45	30.53	-31.42	41.22	-54.93	-13.00	41.93	187	252	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	8933.2083	38.39	-38.85	38.53	-57.19	-13.00	44.19	196	222	Vertical
2	12096.1875	34.11	-35.10	38.70	-57.55	-13.00	44.55	265	56	Vertical
3	7062.18	39.51	-42.30	36.24	-61.82	-13.00	48.82	284	3	Vertical
4	10593.27	32.82	-36.13	39.15	-59.42	-13.00	46.42	142	360	Vertical
5	14124.36	32.72	-34.81	40.08	-57.27	-13.00	44.27	263	360	Vertical
6	17655.45	31.19	-31.42	41.22	-54.27	-13.00	41.27	224	92	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
Band42	20MHz	QPSK	42590	100RB#0	VL	NT	-0.40	-0.000114	PASS
Band42	20MHz	QPSK	42590	100RB#0	VN	NT	1.10	0.000314	PASS
Band42	20MHz	QPSK	42590	100RB#0	VH	NT	0.10	0.000029	PASS

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Verdict
Band42	20MHz	QPSK	42590	100RB#0	NV	-30	-0.40	-0.000114	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	-20	-1.20	-0.000343	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	0	0.90	0.000257	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	10	-1.10	-0.000314	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	20	1.00	0.000286	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	30	2.50	0.000714	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	40	1.70	0.000486	PASS
Band42	20MHz	QPSK	42590	100RB#0	NV	50	1.10	0.000314	PASS

---End of Attachment---



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