

1. $ERP(dBm) = \text{Raw Value}(dBuV) + \text{Correction Factor}(dB/m) - 2.15$
2. $\text{Correction Factor}(dB/m) = \text{Antenna Factor}(dB/m) + \text{Cable Factor}(dB) - \text{Pre Amp}(dB) + 20\log(D) - 104.8$
3. $\text{Margin value} = ERP - \text{Limit}$
4. The other ERP levels were very low against the limit.

1GHz ~ 9GHz

LTE Band 5											
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Antenna Factor	Cable Factor	Pre-Amplifier	Correction Factor (dB/m)
Low	Horizontal										
	1657	-46.54	-13	-33.54	300	268	67.82	29	4.95	50.9	-112.21
	2486	-53.75	-13	-40.75	200	226	55.82	32.8	6.15	51.11	-107.42
	3315	-58.19	-13	-45.19	400	338	50.05	33.17	7.15	51.15	-106.09
	4144	-57.59	-13	-44.59	400	66	49.35	33.71	8.03	51.27	-104.79
	Vertical										
	1657	-51.22	-13	-38.22	300	180	63.14	29	4.95	50.9	-112.21
	2486	-58.13	-13	-45.13	400	125	51.44	32.8	6.15	51.11	-107.42
	3315	-57.39	-13	-44.39	300	7	50.85	33.17	7.15	51.15	-106.09
	4144	-55.21	-13	-42.21	400	328	51.73	33.71	8.03	51.27	-104.79
Mid	Horizontal										
	1672	-44.7	-13	-31.7	400	308	69.46	29.22	4.98	50.95	-112.01
	2509	-52.66	-13	-39.66	200	210	56.92	32.76	6.18	51.11	-107.43
	3345	-57.83	-13	-44.83	100	116	50.44	33.11	7.18	51.15	-106.12
	Vertical										
	1672	-53.81	-13	-40.81	400	221	60.35	29.22	4.98	50.95	-112.01
	2509	-58.74	-13	-45.74	362	360	50.84	32.76	6.18	51.11	-107.43
	3345	-56.54	-13	-43.54	100	360	51.73	33.11	7.18	51.15	-106.12
High	Horizontal										
	1687	-42.01	-13	-29.01	400	250	71.93	29.42	5	50.95	-111.79
	2531	-49.93	-13	-36.93	300	87	59.71	32.68	6.2	51.11	-107.49
	3375	-58.32	-13	-45.32	200	224	49.97	33.05	7.22	51.15	-106.14
	4219	-53.37	-13	-40.37	100	280	53.31	33.94	8.1	51.31	-104.53
	Vertical										
	1687	-45.68	-13	-32.68	400	217	68.26	29.42	5	50.95	-111.79
	2531	-56.32	-13	-43.32	308	360	53.32	32.68	6.2	51.11	-107.49
	3375	-55.48	-13	-42.48	304	360	52.81	33.05	7.22	51.15	-106.14
	4219	-54.94	-13	-41.94	272	360	51.74	33.94	8.1	51.31	-104.53

Remarks:

- ERP(dBm) = Raw Value(dBuV) + Correction Factor(dB/m) – 2.15
- Correction Factor(dB/m) = Antenna Factor(dB/m) + Cable Factor(dB) – Pre Amp(dB) + 20log(D) – 104.8
- Margin value = ERP – Limit
- The other ERP levels were very low against the limit.