

Transmitter Conducted Power Output

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.61	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.69	50.00	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.49	50.00	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.67	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.44	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.63	50.00	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.54	50.00	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.7	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.31	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.46	50.00	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.57	50.00	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.69	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.82	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.66	50.00	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.7	50.00	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.71	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.72	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.86	50.00	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.67	50.00	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.69	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.69	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.59	50.00	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.62	50.00	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.64	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	20.74	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	20.72	50.00	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	20.7	50.00	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	19.73	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#0	20.74	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	20.82	50.00	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	20.64	50.00	PASS

Band26	1.4MHz	64QAM	26740	6RB#0	19.67	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	20.67	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	20.86	50.00	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	20.65	50.00	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	19.65	50.00	PASS
Band26	1.4MHz	256QAM	26697	1RB#0	17.84	50.00	PASS
Band26	1.4MHz	256QAM	26697	1RB#2	17.74	50.00	PASS
Band26	1.4MHz	256QAM	26697	1RB#5	17.75	50.00	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	17.69	50.00	PASS
Band26	1.4MHz	256QAM	26740	1RB#0	17.76	50.00	PASS
Band26	1.4MHz	256QAM	26740	1RB#2	17.66	50.00	PASS
Band26	1.4MHz	256QAM	26740	1RB#5	17.74	50.00	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	17.67	50.00	PASS
Band26	1.4MHz	256QAM	26783	1RB#0	17.63	50.00	PASS
Band26	1.4MHz	256QAM	26783	1RB#2	17.83	50.00	PASS
Band26	1.4MHz	256QAM	26783	1RB#5	17.69	50.00	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	17.63	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.55	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.61	50.00	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.51	50.00	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.66	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.14	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.6	50.00	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.55	50.00	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.74	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.33	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.62	50.00	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.49	50.00	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.66	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#0	21.58	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#8	21.73	50.00	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.79	50.00	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.68	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.79	50.00	PASS

Band26	3MHz	16QAM	26740	1RB#8	21.71	50.00	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.66	50.00	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.77	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.8	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.94	50.00	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.71	50.00	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.63	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#0	20.66	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#8	20.92	50.00	PASS
Band26	3MHz	64QAM	26705	1RB#14	20.71	50.00	PASS
Band26	3MHz	64QAM	26705	15RB#0	19.72	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#0	20.75	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#8	20.83	50.00	PASS
Band26	3MHz	64QAM	26740	1RB#14	20.8	50.00	PASS
Band26	3MHz	64QAM	26740	15RB#0	19.74	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#0	20.73	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#8	20.69	50.00	PASS
Band26	3MHz	64QAM	26775	1RB#14	20.67	50.00	PASS
Band26	3MHz	64QAM	26775	15RB#0	19.73	50.00	PASS
Band26	3MHz	256QAM	26705	1RB#0	17.6	50.00	PASS
Band26	3MHz	256QAM	26705	1RB#8	17.73	50.00	PASS
Band26	3MHz	256QAM	26705	1RB#14	17.63	50.00	PASS
Band26	3MHz	256QAM	26705	15RB#0	17.73	50.00	PASS
Band26	3MHz	256QAM	26740	1RB#0	17.48	50.00	PASS
Band26	3MHz	256QAM	26740	1RB#8	17.86	50.00	PASS
Band26	3MHz	256QAM	26740	1RB#14	17.56	50.00	PASS
Band26	3MHz	256QAM	26740	15RB#0	17.7	50.00	PASS
Band26	3MHz	256QAM	26775	1RB#0	17.55	50.00	PASS
Band26	3MHz	256QAM	26775	1RB#8	17.73	50.00	PASS
Band26	3MHz	256QAM	26775	1RB#14	17.61	50.00	PASS
Band26	3MHz	256QAM	26775	15RB#0	17.64	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.52	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.6	50.00	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.58	50.00	PASS

Band26	5MHz	QPSK	26715	25RB#0	21.72	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#0	21.79	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.56	50.00	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.63	50.00	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.68	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#0	22	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.62	50.00	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.63	50.00	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.69	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.67	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.69	50.00	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.59	50.00	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.78	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.81	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.76	50.00	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.71	50.00	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.7	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.64	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.58	50.00	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.8	50.00	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.69	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#0	20.72	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#12	20.7	50.00	PASS
Band26	5MHz	64QAM	26715	1RB#24	20.78	50.00	PASS
Band26	5MHz	64QAM	26715	25RB#0	19.71	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#0	20.68	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#12	20.81	50.00	PASS
Band26	5MHz	64QAM	26740	1RB#24	20.61	50.00	PASS
Band26	5MHz	64QAM	26740	25RB#0	19.69	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#0	20.87	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#12	20.75	50.00	PASS
Band26	5MHz	64QAM	26765	1RB#24	20.57	50.00	PASS
Band26	5MHz	64QAM	26765	25RB#0	19.63	50.00	PASS
Band26	5MHz	256QAM	26715	1RB#0	17.76	50.00	PASS

Band26	5MHz	256QAM	26715	1RB#12	17.75	50.00	PASS
Band26	5MHz	256QAM	26715	1RB#24	17.72	50.00	PASS
Band26	5MHz	256QAM	26715	25RB#0	17.65	50.00	PASS
Band26	5MHz	256QAM	26740	1RB#0	17.57	50.00	PASS
Band26	5MHz	256QAM	26740	1RB#12	17.85	50.00	PASS
Band26	5MHz	256QAM	26740	1RB#24	17.78	50.00	PASS
Band26	5MHz	256QAM	26740	25RB#0	17.77	50.00	PASS
Band26	5MHz	256QAM	26765	1RB#0	17.62	50.00	PASS
Band26	5MHz	256QAM	26765	1RB#12	17.75	50.00	PASS
Band26	5MHz	256QAM	26765	1RB#24	17.69	50.00	PASS
Band26	5MHz	256QAM	26765	25RB#0	17.63	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.98	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.55	50.00	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.46	50.00	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.65	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.9	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.83	50.00	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.68	50.00	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.7	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#0	20.73	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#24	20.9	50.00	PASS
Band26	10MHz	64QAM	26740	1RB#49	20.75	50.00	PASS
Band26	10MHz	64QAM	26740	50RB#0	19.79	50.00	PASS
Band26	10MHz	256QAM	26740	1RB#0	17.84	50.00	PASS
Band26	10MHz	256QAM	26740	1RB#24	17.7	50.00	PASS
Band26	10MHz	256QAM	26740	1RB#49	17.75	50.00	PASS
Band26	10MHz	256QAM	26740	50RB#0	17.63	50.00	PASS

Field Strength of Spurious Radiation

Test Band = LTE Band26-90S_ TM1

Test Channel = Mid

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1624	46.14	-48.25	25.42	-71.95	-13.00	58.95	Horizontal
2	2356	45.89	-47.47	26.91	-69.93	-13.00	56.93	Horizontal
3	3039.4286	45.02	-46.61	28.14	-68.71	-13.00	55.71	Horizontal
4	3597.7143	44.83	-46.34	28.76	-68.02	-13.00	55.02	Horizontal
5	4936	43.40	-45.66	31.30	-66.23	-13.00	53.23	Horizontal
6	6504.5714	42.86	-44.64	34.11	-62.93	-13.00	49.93	Horizontal

Final Data List								
NO.	Frequency [MHz]	Reading [dBμV]	Factor [dB]	AF[dB/m]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	1434.8571	46.82	-48.11	25.23	-71.32	-13.00	58.32	Vertical
2	1818.2857	46.14	-47.97	25.65	-71.43	-13.00	58.43	Vertical
3	2382.2857	45.72	-47.46	26.96	-70.03	-13.00	57.03	Vertical
4	2968.5714	44.84	-46.54	28.04	-68.91	-13.00	55.91	Vertical
5	3545.7143	44.45	-46.45	28.67	-68.59	-13.00	55.59	Vertical
6	4618.8571	43.49	-45.79	30.79	-66.77	-13.00	53.77	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---