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Appendix B.10

LTE Band 26(824-849)



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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
Band26	1.4MHz	QPSK	26797	1RB#0	22.44	22.01	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	22.6	22.17	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.53	22.1	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	21.66	21.23	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	22.67	22.24	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	22.65	22.22	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	22.83	22.4	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	21.67	21.24	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	22.76	22.33	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	22.77	22.34	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	22.89	22.46	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	21.87	21.44	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	21.42	20.99	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	21.27	20.84	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	21.6	21.17	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	20.59	20.16	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	21.5	21.07	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	21.52	21.09	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	21.52	21.09	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	20.67	20.24	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	22.08	21.65	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	21.72	21.29	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	21.7	21.27	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.04	20.61	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	22.84	22.41	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.73	22.3	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.86	22.43	38.45	PASS



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Band26	3MHz	QPSK	26805	15RB#0	21.85	21.42	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#0	22.65	22.22	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	22.75	22.32	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	22.64	22.21	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	21.84	21.41	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	22.68	22.25	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	22.91	22.48	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	22.93	22.5	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	21.99	21.56	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	21.47	21.04	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	21.67	21.24	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	21.61	21.18	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	20.93	20.5	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	21.5	21.07	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.48	21.05	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.48	21.05	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	20.91	20.48	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	21.76	21.33	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	21.58	21.15	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	21.7	21.27	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.02	20.59	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	22.49	22.06	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	22.98	22.55	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.76	22.33	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	21.88	21.45	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	22.53	22.1	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	22.95	22.52	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.76	22.33	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	21.81	21.38	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	22.86	22.43	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	22.85	22.42	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	22.55	22.12	38.45	PASS



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Band26	5MHz	QPSK	27015	25RB#0	21.99	21.56	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#0	21.44	21.01	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	21.61	21.18	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	21.53	21.1	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	21.05	20.62	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	21.52	21.09	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	21.51	21.08	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	21.42	20.99	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	20.77	20.34	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	21.67	21.24	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	21.61	21.18	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.6	21.17	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	20.98	20.55	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.72	22.29	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.12	22.69	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	22.43	22	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	21.94	21.51	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	22.44	22.01	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	22.84	22.41	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	22.66	22.23	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	21.82	21.39	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	22.61	22.18	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.13	22.7	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	22.85	22.42	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	21.92	21.49	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	21.62	21.19	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	21.78	21.35	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.53	21.1	38.45	PASS
Band26	10MHz	16QAM	26840	27RB#0	20.43	20	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	21.32	20.89	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	21.7	21.27	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	21.38	20.95	38.45	PASS



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Band26	10MHz	16QAM	26915	27RB#0	20.36	19.93	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#0	21.46	21.03	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	21.61	21.18	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	21.78	21.35	38.45	PASS
Band26	10MHz	16QAM	26990	27RB#0	20.52	20.09	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	22.49	22.06	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	22.99	22.56	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	22.43	22	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	21.84	21.41	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	22.46	22.03	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	22.86	22.43	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.72	22.29	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	21.83	21.4	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	22.42	21.99	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	22.79	22.36	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	22.72	22.29	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.02	21.59	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	21.56	21.13	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	21.5	21.07	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	21.55	21.12	38.45	PASS
Band26	15MHz	16QAM	26865	27RB#0	20.36	19.93	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	21.53	21.1	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	21.71	21.28	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	21.62	21.19	38.45	PASS
Band26	15MHz	16QAM	26915	27RB#0	20.43	20	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	21.49	21.06	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.01	21.58	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	21.82	21.39	38.45	PASS
Band26	15MHz	16QAM	26965	27RB#0	20.33	19.9	38.45	PASS



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Field Strength of Spurious Radiation**Test Band = LTE Band26_15M_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	1649.7143	55.91	-48.22	25.37	-62.20	-13.00	49.20	156	4	Horizontal
2	2474.2857	56.20	-47.32	27.69	-58.69	-13.00	45.69	148	93	Horizontal
3	3299.4286	55.14	-46.68	29.56	-57.24	-13.00	44.24	192	280	Horizontal
4	4124	50.33	-45.91	30.99	-59.86	-13.00	46.86	111	352	Horizontal
5	4949.1429	47.90	-45.69	32.74	-60.32	-13.00	47.32	143	26	Horizontal
6	6736.5714	41.61	-44.08	35.71	-62.02	-13.00	49.02	236	188	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	1649.7143	58.04	-48.22	25.37	-60.07	-13.00	47.07	241	172	Vertical
2	2474.2857	66.61	-47.32	27.69	-48.28	-13.00	35.28	152	84	Vertical
3	3312	56.87	-46.66	29.54	-55.51	-13.00	42.51	136	14	Vertical
4	4124	52.56	-45.91	30.99	-57.63	-13.00	44.63	256	352	Vertical
5	4949.1429	48.41	-45.69	32.74	-59.81	-13.00	46.81	239	1	Vertical
6	7423.4286	42.48	-43.30	36.48	-59.60	-13.00	46.60	199	360	Vertical



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Test Band = LTE Band26_15M_ 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	1659.4286	56.33	-48.21	25.37	-61.76	-13.00	48.76	142	354	Horizontal
2	2489.7143	56.07	-47.29	27.74	-58.74	-13.00	45.74	128	108	Horizontal
3	3312	53.07	-46.66	29.54	-59.31	-13.00	46.31	184	108	Horizontal
4	4149.1429	46.67	-45.93	31.02	-63.50	-13.00	50.50	175	334	Horizontal
5	5974.2857	42.22	-44.57	34.08	-63.53	-13.00	50.53	133	321	Horizontal
6	7426.2857	41.50	-43.30	36.48	-60.59	-13.00	47.59	269	81	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	1659.4286	54.33	-48.21	25.37	-63.76	-13.00	50.76	148	117	Vertical
2	2489.7143	58.27	-47.29	27.74	-56.54	-13.00	43.54	159	70	Vertical
3	3312	56.79	-46.66	29.54	-55.59	-13.00	42.59	136	13	Vertical
4	4149.1429	47.68	-45.93	31.02	-62.49	-13.00	49.49	251	358	Vertical
5	4978.8571	44.71	-45.76	32.82	-63.49	-13.00	50.49	175	0	Vertical
6	6972.5714	41.14	-43.73	36.05	-61.81	-13.00	48.81	146	341	Vertical



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Test Band = LTE Band26_15M_ 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	1669.7143	58.66	-48.20	25.38	-59.42	-13.00	46.42	175	356	Horizontal
2	2504.5714	55.18	-47.25	27.79	-59.55	-13.00	46.55	145	104	Horizontal
3	3339.4286	56.78	-46.62	29.51	-55.60	-13.00	42.60	168	334	Horizontal
4	4174.2857	50.81	-45.94	31.06	-59.33	-13.00	46.33	152	342	Horizontal
5	5009.1429	45.45	-45.77	32.89	-62.70	-13.00	49.70	136	240	Horizontal
6	6767.4286	41.70	-44.10	35.77	-61.89	-13.00	48.89	291	150	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	1669.7143	59.40	-48.20	25.38	-58.68	-13.00	45.68	145	160	Vertical
2	2504.5714	54.52	-47.25	27.79	-60.21	-13.00	47.21	128	99	Vertical
3	3312	56.62	-46.66	29.54	-55.76	-13.00	42.76	165	13	Vertical
4	4174.2857	53.40	-45.94	31.06	-56.74	-13.00	43.74	148	356	Vertical
5	5009.1429	47.05	-45.77	32.89	-61.10	-13.00	48.10	123	30	Vertical
6	7351.4286	41.02	-43.36	36.52	-61.09	-13.00	48.09	291	67	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) - Preamp (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level

---End of Attachment---



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