



Report No.: SEWA2209000044RG01

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Appendix B.9

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	22.75	17.99	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#2	23.02	18.26	38.45	PASS
Band26	1.4MHz	QPSK	26797	1RB#5	22.62	17.86	38.45	PASS
Band26	1.4MHz	QPSK	26797	6RB#0	22.02	17.26	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#0	23.07	18.31	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#2	23.29	18.53	38.45	PASS
Band26	1.4MHz	QPSK	26915	1RB#5	23.00	18.24	38.45	PASS
Band26	1.4MHz	QPSK	26915	6RB#0	22.17	17.41	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#0	23.12	18.36	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#2	23.07	18.31	38.45	PASS
Band26	1.4MHz	QPSK	27033	1RB#5	22.91	18.15	38.45	PASS
Band26	1.4MHz	QPSK	27033	6RB#0	22.23	17.47	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#0	21.65	16.89	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#2	21.82	17.06	38.45	PASS
Band26	1.4MHz	16QAM	26797	1RB#5	21.77	17.01	38.45	PASS
Band26	1.4MHz	16QAM	26797	6RB#0	20.70	15.94	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#0	22.04	17.28	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#2	22.18	17.42	38.45	PASS
Band26	1.4MHz	16QAM	26915	1RB#5	22.02	17.26	38.45	PASS
Band26	1.4MHz	16QAM	26915	6RB#0	21.24	16.48	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#0	21.94	17.18	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#2	22.00	17.24	38.45	PASS
Band26	1.4MHz	16QAM	27033	1RB#5	22.02	17.26	38.45	PASS
Band26	1.4MHz	16QAM	27033	6RB#0	21.13	16.37	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#0	22.77	18.01	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#8	22.83	18.07	38.45	PASS
Band26	3MHz	QPSK	26805	1RB#14	22.93	18.17	38.45	PASS
Band26	3MHz	QPSK	26805	15RB#0	22.01	17.25	38.45	PASS



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Band26	3MHz	QPSK	26915	1RB#0	23.29	18.53	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#8	22.95	18.19	38.45	PASS
Band26	3MHz	QPSK	26915	1RB#14	23.17	18.41	38.45	PASS
Band26	3MHz	QPSK	26915	15RB#0	22.21	17.45	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#0	23.41	18.65	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#8	22.98	18.22	38.45	PASS
Band26	3MHz	QPSK	27025	1RB#14	22.99	18.23	38.45	PASS
Band26	3MHz	QPSK	27025	15RB#0	22.18	17.42	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#0	21.65	16.89	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#8	21.88	17.12	38.45	PASS
Band26	3MHz	16QAM	26805	1RB#14	22.01	17.25	38.45	PASS
Band26	3MHz	16QAM	26805	15RB#0	20.97	16.21	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#0	22.64	17.88	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#8	21.92	17.16	38.45	PASS
Band26	3MHz	16QAM	26915	1RB#14	21.97	17.21	38.45	PASS
Band26	3MHz	16QAM	26915	15RB#0	21.21	16.45	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#0	22.12	17.36	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#8	22.08	17.32	38.45	PASS
Band26	3MHz	16QAM	27025	1RB#14	22.08	17.32	38.45	PASS
Band26	3MHz	16QAM	27025	15RB#0	21.20	16.44	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#0	22.64	17.88	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#12	22.89	18.13	38.45	PASS
Band26	5MHz	QPSK	26815	1RB#24	22.90	18.14	38.45	PASS
Band26	5MHz	QPSK	26815	25RB#0	21.90	17.14	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#0	23.20	18.44	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#12	23.04	18.28	38.45	PASS
Band26	5MHz	QPSK	26915	1RB#24	22.97	18.21	38.45	PASS
Band26	5MHz	QPSK	26915	25RB#0	22.21	17.45	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#0	23.00	18.24	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#12	23.27	18.51	38.45	PASS
Band26	5MHz	QPSK	27015	1RB#24	22.84	18.08	38.45	PASS
Band26	5MHz	QPSK	27015	25RB#0	22.24	17.48	38.45	PASS



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Band26	5MHz	16QAM	26815	1RB#0	21.72	16.96	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#12	21.87	17.11	38.45	PASS
Band26	5MHz	16QAM	26815	1RB#24	21.92	17.16	38.45	PASS
Band26	5MHz	16QAM	26815	25RB#0	20.98	16.22	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#0	22.09	17.33	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#12	22.10	17.34	38.45	PASS
Band26	5MHz	16QAM	26915	1RB#24	22.05	17.29	38.45	PASS
Band26	5MHz	16QAM	26915	25RB#0	21.29	16.53	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#0	22.02	17.26	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#12	22.07	17.31	38.45	PASS
Band26	5MHz	16QAM	27015	1RB#24	21.95	17.19	38.45	PASS
Band26	5MHz	16QAM	27015	25RB#0	21.22	16.46	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#0	22.77	18.01	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#24	23.05	18.29	38.45	PASS
Band26	10MHz	QPSK	26840	1RB#49	23.00	18.24	38.45	PASS
Band26	10MHz	QPSK	26840	50RB#0	22.07	17.31	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#0	23.12	18.36	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#24	23.22	18.46	38.45	PASS
Band26	10MHz	QPSK	26915	1RB#49	23.04	18.28	38.45	PASS
Band26	10MHz	QPSK	26915	50RB#0	22.30	17.54	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#0	23.35	18.59	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#24	23.19	18.43	38.45	PASS
Band26	10MHz	QPSK	26990	1RB#49	23.12	18.36	38.45	PASS
Band26	10MHz	QPSK	26990	50RB#0	22.27	17.51	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#0	21.72	16.96	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#24	21.87	17.11	38.45	PASS
Band26	10MHz	16QAM	26840	1RB#49	21.95	17.19	38.45	PASS
Band26	10MHz	16QAM	26840	50RB#0	21.05	16.29	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#0	22.00	17.24	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#24	22.06	17.3	38.45	PASS
Band26	10MHz	16QAM	26915	1RB#49	21.91	17.15	38.45	PASS
Band26	10MHz	16QAM	26915	50RB#0	21.20	16.44	38.45	PASS



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Band26	10MHz	16QAM	26990	1RB#0	22.02	17.26	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#24	22.02	17.26	38.45	PASS
Band26	10MHz	16QAM	26990	1RB#49	22.10	17.34	38.45	PASS
Band26	10MHz	16QAM	26990	50RB#0	21.27	16.51	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#0	22.77	18.01	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#38	22.70	17.94	38.45	PASS
Band26	15MHz	QPSK	26865	1RB#74	22.90	18.14	38.45	PASS
Band26	15MHz	QPSK	26865	75RB#0	22.24	17.48	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#0	22.89	18.13	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#38	23.08	18.32	38.45	PASS
Band26	15MHz	QPSK	26915	1RB#74	22.90	18.14	38.45	PASS
Band26	15MHz	QPSK	26915	75RB#0	22.10	17.34	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#0	23.10	18.34	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#38	22.93	18.17	38.45	PASS
Band26	15MHz	QPSK	26965	1RB#74	23.35	18.59	38.45	PASS
Band26	15MHz	QPSK	26965	75RB#0	22.32	17.56	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#0	21.70	16.94	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#38	21.84	17.08	38.45	PASS
Band26	15MHz	16QAM	26865	1RB#74	21.99	17.23	38.45	PASS
Band26	15MHz	16QAM	26865	75RB#0	21.09	16.33	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#0	21.83	17.07	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#38	22.08	17.32	38.45	PASS
Band26	15MHz	16QAM	26915	1RB#74	22.09	17.33	38.45	PASS
Band26	15MHz	16QAM	26915	75RB#0	21.25	16.49	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#0	22.00	17.24	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#38	22.05	17.29	38.45	PASS
Band26	15MHz	16QAM	26965	1RB#74	22.70	17.94	38.45	PASS
Band26	15MHz	16QAM	26965	75RB#0	21.28	16.52	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	1649.6800	93.77	-48.22	25.37	-24.34	-13.00	11.34	214	201	Horizontal
2	2474.5200	79.29	-47.32	27.69	-35.60	-13.00	22.60	158	268	Horizontal
3	3299.3600	70.02	-46.68	29.56	-42.36	-13.00	29.36	169	93	Horizontal
4	4124.2000	65.55	-45.91	30.99	-44.64	-13.00	31.64	191	294	Horizontal
5	4949.0400	62.87	-45.69	32.74	-45.35	-13.00	32.35	147	294	Horizontal
6	5773.8800	53.67	-44.64	33.66	-52.57	-13.00	39.57	125	26	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	1649.6800	93.62	-48.22	25.37	-24.49	-13.00	11.49	245	130	Vertical
2	2474.5200	78.17	-47.32	27.69	-36.72	-13.00	23.72	166	252	Vertical
3	3299.3600	68.78	-46.68	29.56	-43.60	-13.00	30.60	251	252	Vertical
4	4124.2000	67.55	-45.91	30.99	-42.64	-13.00	29.64	185	264	Vertical
5	4949.0400	62.22	-45.69	32.74	-46.00	-13.00	33.00	199	279	Vertical
6	5773.8800	51.45	-44.64	33.66	-54.79	-13.00	41.79	211	320	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	1649.7143	93.56	-48.22	25.37	-24.55	-13.00	11.55	155	267	Horizontal
2	2521.7143	52.37	-47.20	27.84	-62.24	-13.00	49.24	100	334	Horizontal
3	3299.4286	69.08	-46.68	29.56	-43.30	-13.00	30.30	233	293	Horizontal
4	4124.5714	69.07	-45.91	30.99	-41.12	-13.00	28.12	216	67	Horizontal
5	4949.1429	61.53	-45.69	32.74	-46.69	-13.00	33.69	199	105	Horizontal
6	5773.7143	56.24	-44.64	33.65	-50.00	-13.00	37.00	156	320	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	93.72	-48.22	25.37	-24.39	-13.00	11.39	255	254	Vertical
2	2474.2857	85.38	-47.32	27.69	-29.51	-13.00	16.51	100	92	Vertical
3	3299.4286	70.91	-46.68	29.56	-41.47	-13.00	28.47	231	269	Vertical
4	4124	69.86	-45.91	30.99	-40.33	-13.00	27.33	266	53	Vertical
5	4949.1429	62.09	-45.69	32.74	-46.13	-13.00	33.13	195	105	Vertical
6	5773.7143	58.28	-44.64	33.65	-47.96	-13.00	34.96	148	319	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	1669.6800	93.32	-48.20	25.38	-24.76	-13.00	11.76	245	268	Horizontal
2	2504.5200	82.68	-47.25	27.79	-32.05	-13.00	19.05	166	7	Horizontal
3	3339.3600	65.40	-46.62	29.51	-46.98	-13.00	33.98	295	293	Horizontal
4	4174.2000	66.47	-45.94	31.06	-43.67	-13.00	30.67	148	280	Horizontal
5	5009.0400	61.15	-45.77	32.89	-47.00	-13.00	34.00	175	280	Horizontal
6	5843.8800	55.73	-44.80	33.83	-50.49	-13.00	37.49	133	335	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	1669.6800	93.49	-48.20	25.38	-24.59	-13.00	11.59	211	188	Vertical
2	2504.5200	78.93	-47.25	27.79	-35.80	-13.00	22.80	145	130	Vertical
3	3339.3600	68.47	-46.62	29.51	-43.91	-13.00	30.91	236	81	Vertical
4	4174.2000	67.29	-45.94	31.06	-42.85	-13.00	29.85	251	280	Vertical
5	5009.0400	62.32	-45.77	32.89	-45.83	-13.00	32.83	145	295	Vertical
6	5843.8800	52.07	-44.80	33.83	-54.15	-13.00	41.15	199	135	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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