



Report No.: SEWM2211000265RG01

Rev.: 01

Page: 1 of 8

Appendix B.11

LTE Band 26(814-824)



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Report No.: SEWM2211000265RG01
 Rev.: 01
 Page: 2 of 8

Transmitter Conducted Power Output Data

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Limit(dBm)	Verdict
Band26	1.4MHz	QPSK	26697	1RB#0	22.3	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#2	22.35	50	PASS
Band26	1.4MHz	QPSK	26697	1RB#5	22.34	50	PASS
Band26	1.4MHz	QPSK	26697	6RB#0	21.32	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#0	22.44	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#2	22.46	50	PASS
Band26	1.4MHz	QPSK	26740	1RB#5	22.46	50	PASS
Band26	1.4MHz	QPSK	26740	6RB#0	21.44	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#0	22.51	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#2	22.51	50	PASS
Band26	1.4MHz	QPSK	26783	1RB#5	22.48	50	PASS
Band26	1.4MHz	QPSK	26783	6RB#0	21.51	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#0	21.45	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#2	21.52	50	PASS
Band26	1.4MHz	16QAM	26697	1RB#5	21.48	50	PASS
Band26	1.4MHz	16QAM	26697	6RB#0	20.35	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#0	21.58	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#2	21.65	50	PASS
Band26	1.4MHz	16QAM	26740	1RB#5	21.61	50	PASS
Band26	1.4MHz	16QAM	26740	6RB#0	20.45	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#0	21.74	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#2	21.7	50	PASS
Band26	1.4MHz	16QAM	26783	1RB#5	21.67	50	PASS
Band26	1.4MHz	16QAM	26783	6RB#0	20.45	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#0	20.41	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#2	20.45	50	PASS
Band26	1.4MHz	64QAM	26697	1RB#5	20.52	50	PASS
Band26	1.4MHz	64QAM	26697	6RB#0	19.35	50	PASS



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 3 of 8

Band26	1.4MHz	64QAM	26740	1RB#0	20.62	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#2	20.67	50	PASS
Band26	1.4MHz	64QAM	26740	1RB#5	20.6	50	PASS
Band26	1.4MHz	64QAM	26740	6RB#0	19.44	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#0	20.69	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#2	20.71	50	PASS
Band26	1.4MHz	64QAM	26783	1RB#5	20.66	50	PASS
Band26	1.4MHz	64QAM	26783	6RB#0	19.42	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#0	18.56	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#2	18.63	50	PASS
Band26	1.4MHz	256QAM	26697	1RB#5	18.41	50	PASS
Band26	1.4MHz	256QAM	26697	6RB#0	17.32	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#0	18.55	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#2	18.36	50	PASS
Band26	1.4MHz	256QAM	26740	1RB#5	18.45	50	PASS
Band26	1.4MHz	256QAM	26740	6RB#0	17.52	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#0	18.36	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#2	18.45	50	PASS
Band26	1.4MHz	256QAM	26783	1RB#5	18.32	50	PASS
Band26	1.4MHz	256QAM	26783	6RB#0	17.58	50	PASS
Band26	3MHz	QPSK	26705	1RB#0	22.31	50	PASS
Band26	3MHz	QPSK	26705	1RB#8	22.38	50	PASS
Band26	3MHz	QPSK	26705	1RB#14	22.4	50	PASS
Band26	3MHz	QPSK	26705	15RB#0	21.37	50	PASS
Band26	3MHz	QPSK	26740	1RB#0	22.41	50	PASS
Band26	3MHz	QPSK	26740	1RB#8	22.48	50	PASS
Band26	3MHz	QPSK	26740	1RB#14	22.48	50	PASS
Band26	3MHz	QPSK	26740	15RB#0	21.49	50	PASS
Band26	3MHz	QPSK	26775	1RB#0	22.48	50	PASS
Band26	3MHz	QPSK	26775	1RB#8	22.51	50	PASS
Band26	3MHz	QPSK	26775	1RB#14	22.56	50	PASS
Band26	3MHz	QPSK	26775	15RB#0	21.48	50	PASS



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 4 of 8

Band26	3MHz	16QAM	26705	1RB#0	21.45	50	PASS
Band26	3MHz	16QAM	26705	1RB#8	21.49	50	PASS
Band26	3MHz	16QAM	26705	1RB#14	21.48	50	PASS
Band26	3MHz	16QAM	26705	15RB#0	20.34	50	PASS
Band26	3MHz	16QAM	26740	1RB#0	21.59	50	PASS
Band26	3MHz	16QAM	26740	1RB#8	21.64	50	PASS
Band26	3MHz	16QAM	26740	1RB#14	21.65	50	PASS
Band26	3MHz	16QAM	26740	15RB#0	20.44	50	PASS
Band26	3MHz	16QAM	26775	1RB#0	21.65	50	PASS
Band26	3MHz	16QAM	26775	1RB#8	21.69	50	PASS
Band26	3MHz	16QAM	26775	1RB#14	21.66	50	PASS
Band26	3MHz	16QAM	26775	15RB#0	20.47	50	PASS
Band26	3MHz	64QAM	26705	1RB#0	20.51	50	PASS
Band26	3MHz	64QAM	26705	1RB#8	20.51	50	PASS
Band26	3MHz	64QAM	26705	1RB#14	20.52	50	PASS
Band26	3MHz	64QAM	26705	15RB#0	19.34	50	PASS
Band26	3MHz	64QAM	26740	1RB#0	20.61	50	PASS
Band26	3MHz	64QAM	26740	1RB#8	20.59	50	PASS
Band26	3MHz	64QAM	26740	1RB#14	20.63	50	PASS
Band26	3MHz	64QAM	26740	15RB#0	19.44	50	PASS
Band26	3MHz	64QAM	26775	1RB#0	20.6	50	PASS
Band26	3MHz	64QAM	26775	1RB#8	20.77	50	PASS
Band26	3MHz	64QAM	26775	1RB#14	20.69	50	PASS
Band26	3MHz	64QAM	26775	15RB#0	19.42	50	PASS
Band26	3MHz	256QAM	26705	1RB#0	18.63	50	PASS
Band26	3MHz	256QAM	26705	1RB#8	18.45	50	PASS
Band26	3MHz	256QAM	26705	1RB#14	18.56	50	PASS
Band26	3MHz	256QAM	26705	15RB#0	17.25	50	PASS
Band26	3MHz	256QAM	26740	1RB#0	18.65	50	PASS
Band26	3MHz	256QAM	26740	1RB#8	18.36	50	PASS
Band26	3MHz	256QAM	26740	1RB#14	18.45	50	PASS
Band26	3MHz	256QAM	26740	15RB#0	17.55	50	PASS



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 5 of 8

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Band26	3MHz	256QAM	26775	1RB#8	18.45	50	PASS
Band26	3MHz	256QAM	26775	1RB#14	18.36	50	PASS
Band26	3MHz	256QAM	26775	15RB#0	17.52	50	PASS
Band26	5MHz	QPSK	26715	1RB#0	22.36	50	PASS
Band26	5MHz	QPSK	26715	1RB#12	22.46	50	PASS
Band26	5MHz	QPSK	26715	1RB#24	22.46	50	PASS
Band26	5MHz	QPSK	26715	25RB#0	21.44	50	PASS
Band26	5MHz	QPSK	26740	1RB#0	22.44	50	PASS
Band26	5MHz	QPSK	26740	1RB#12	22.52	50	PASS
Band26	5MHz	QPSK	26740	1RB#24	22.5	50	PASS
Band26	5MHz	QPSK	26740	25RB#0	21.49	50	PASS
Band26	5MHz	QPSK	26765	1RB#0	22.51	50	PASS
Band26	5MHz	QPSK	26765	1RB#12	22.54	50	PASS
Band26	5MHz	QPSK	26765	1RB#24	22.57	50	PASS
Band26	5MHz	QPSK	26765	25RB#0	21.53	50	PASS
Band26	5MHz	16QAM	26715	1RB#0	21.46	50	PASS
Band26	5MHz	16QAM	26715	1RB#12	21.53	50	PASS
Band26	5MHz	16QAM	26715	1RB#24	21.55	50	PASS
Band26	5MHz	16QAM	26715	25RB#0	20.44	50	PASS
Band26	5MHz	16QAM	26740	1RB#0	21.6	50	PASS
Band26	5MHz	16QAM	26740	1RB#12	21.64	50	PASS
Band26	5MHz	16QAM	26740	1RB#24	21.61	50	PASS
Band26	5MHz	16QAM	26740	25RB#0	20.49	50	PASS
Band26	5MHz	16QAM	26765	1RB#0	21.68	50	PASS
Band26	5MHz	16QAM	26765	1RB#12	21.65	50	PASS
Band26	5MHz	16QAM	26765	1RB#24	21.66	50	PASS
Band26	5MHz	16QAM	26765	25RB#0	20.49	50	PASS
Band26	5MHz	64QAM	26715	1RB#0	20.51	50	PASS
Band26	5MHz	64QAM	26715	1RB#12	20.63	50	PASS
Band26	5MHz	64QAM	26715	1RB#24	20.64	50	PASS
Band26	5MHz	64QAM	26715	25RB#0	19.37	50	PASS



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 6 of 8

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Band26	5MHz	64QAM	26740	1RB#12	20.66	50	PASS
Band26	5MHz	64QAM	26740	1RB#24	20.66	50	PASS
Band26	5MHz	64QAM	26740	25RB#0	19.42	50	PASS
Band26	5MHz	64QAM	26765	1RB#0	20.64	50	PASS
Band26	5MHz	64QAM	26765	1RB#12	20.68	50	PASS
Band26	5MHz	64QAM	26765	1RB#24	20.72	50	PASS
Band26	5MHz	64QAM	26765	25RB#0	19.47	50	PASS
Band26	5MHz	256QAM	26715	1RB#0	18.36	50	PASS
Band26	5MHz	256QAM	26715	1RB#12	18.52	50	PASS
Band26	5MHz	256QAM	26715	1RB#24	18.45	50	PASS
Band26	5MHz	256QAM	26715	25RB#0	17.36	50	PASS
Band26	5MHz	256QAM	26740	1RB#0	18.55	50	PASS
Band26	5MHz	256QAM	26740	1RB#12	18.45	50	PASS
Band26	5MHz	256QAM	26740	1RB#24	18.52	50	PASS
Band26	5MHz	256QAM	26740	25RB#0	17.36	50	PASS
Band26	5MHz	256QAM	26765	1RB#0	18.45	50	PASS
Band26	5MHz	256QAM	26765	1RB#12	18.63	50	PASS
Band26	5MHz	256QAM	26765	1RB#24	18.55	50	PASS
Band26	5MHz	256QAM	26765	25RB#0	17.23	50	PASS
Band26	10MHz	QPSK	26740	1RB#0	22.36	50	PASS
Band26	10MHz	QPSK	26740	1RB#24	22.51	50	PASS
Band26	10MHz	QPSK	26740	1RB#49	22.5	50	PASS
Band26	10MHz	QPSK	26740	50RB#0	21.52	50	PASS
Band26	10MHz	16QAM	26740	1RB#0	21.55	50	PASS
Band26	10MHz	16QAM	26740	1RB#24	21.69	50	PASS
Band26	10MHz	16QAM	26740	1RB#49	21.71	50	PASS
Band26	10MHz	16QAM	26740	50RB#0	20.49	50	PASS
Band26	10MHz	64QAM	26740	1RB#0	20.47	50	PASS
Band26	10MHz	64QAM	26740	1RB#24	20.64	50	PASS
Band26	10MHz	64QAM	26740	1RB#49	20.72	50	PASS
Band26	10MHz	64QAM	26740	50RB#0	19.48	50	PASS



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Report No.: SEWM2211000265RG01

Rev.: 01

Page: 7 of 8

Band26	10MHz	256QAM	26740	1RB#0	18.52	50	PASS
Band26	10MHz	256QAM	26740	1RB#24	18.36	50	PASS
Band26	10MHz	256QAM	26740	1RB#49	18.45	50	PASS
Band26	10MHz	256QAM	26740	50RB#0	17.33	50	PASS



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Report No.: SEWM2211000265RG01
 Rev.: 01
 Page: 8 of 8

Field Strength of Spurious Radiation

Test Band = LTE Band26_10M_ 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	1629.1800	43.27	-48.24	25.36	-74.87	-13.00	61.87	244	306	Horizontal
2	2443.7700	42.30	-47.37	27.59	-72.75	-13.00	59.75	125	279	Horizontal
3	3258.3600	41.70	-46.52	29.61	-70.47	-13.00	57.47	169	0	Horizontal
4	4072.9500	40.93	-45.98	30.91	-69.40	-13.00	56.40	185	90	Horizontal
5	4887.5400	40.93	-45.59	32.57	-67.35	-13.00	54.35	174	37	Horizontal
6	5702.1300	40.10	-44.57	33.39	-66.34	-13.00	53.34	133	319	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	1629.1800	43.06	-48.24	25.36	-75.08	-13.00	62.08	147	26	Vertical
2	2443.7700	42.05	-47.37	27.59	-73.00	-13.00	60.00	132	94	Vertical
3	3258.3600	42.34	-46.52	29.61	-69.83	-13.00	56.83	126	54	Vertical
4	4072.9500	40.83	-45.98	30.91	-69.50	-13.00	56.50	166	270	Vertical
5	4887.5400	41.24	-45.59	32.57	-67.04	-13.00	54.04	250	4	Vertical
6	5702.1300	39.94	-44.57	33.39	-66.50	-13.00	53.50	190	94	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---



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