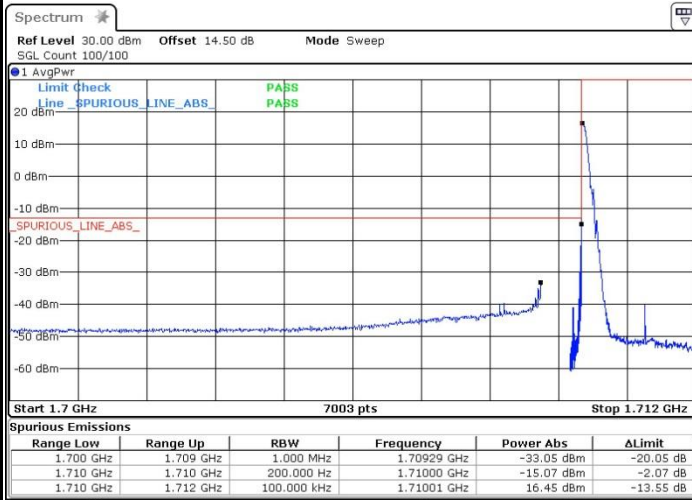




LTE Band 4 / 15KHz / BPSK

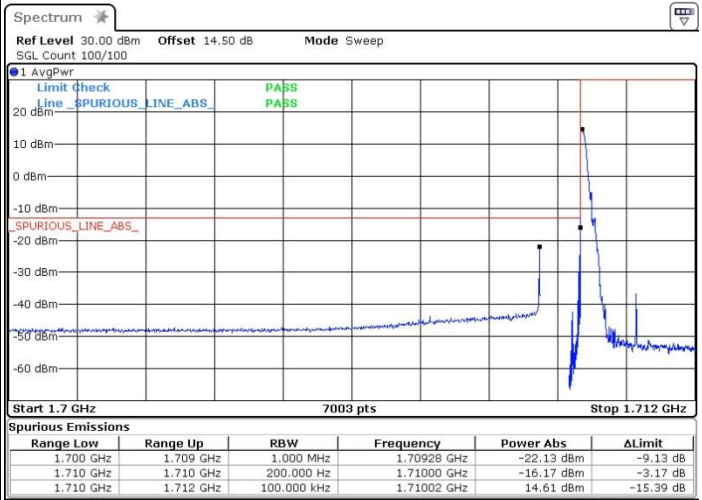
Lowest Band Edge / 1 tone, start 0



Date: 26.DEC.2019 15:54:43

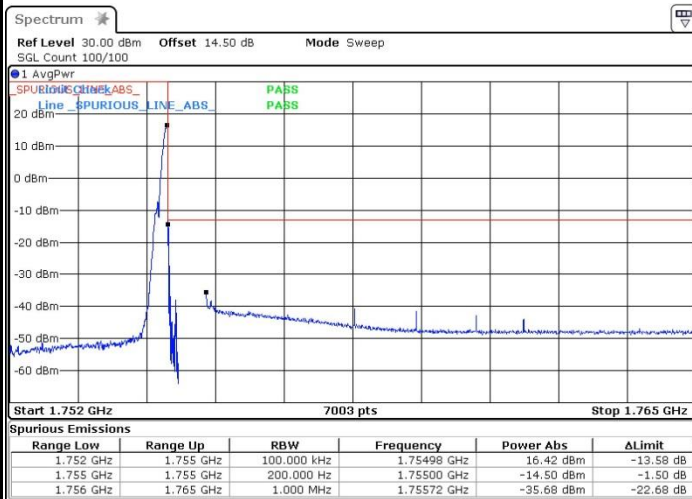
LTE Band 4 / 15KHz / QPSK

Lowest Band Edge / 1 tone, start 0



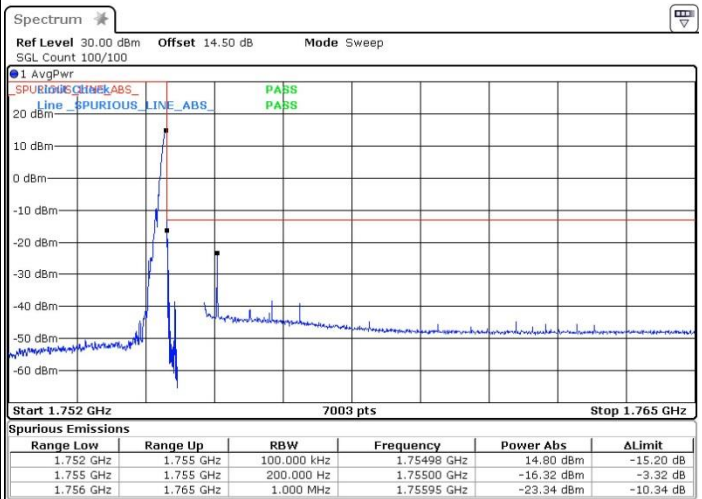
Date: 26.DEC.2019 15:58:45

Highest Band Edge / 1 tone, start 0



Date: 26.DEC.2019 15:48:20

Highest Band Edge / 1 tone, start 0



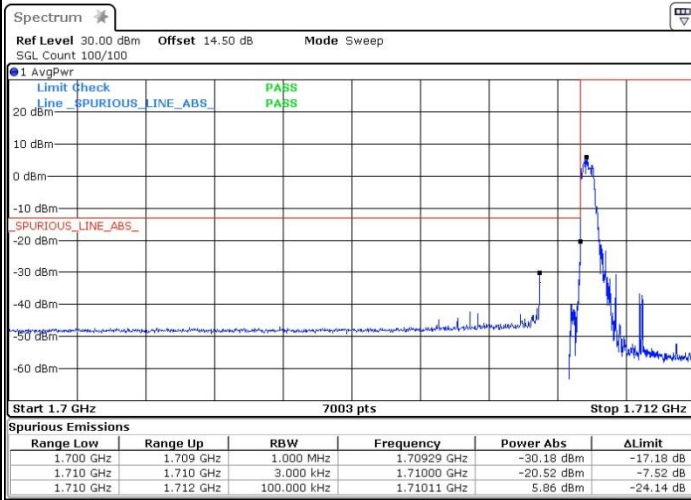
Date: 26.DEC.2019 15:49:58



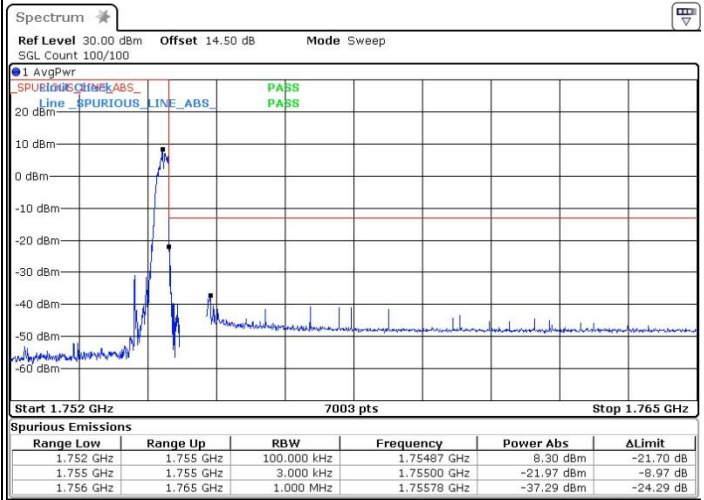
LTE Band 4 / 15KHz / QPSK

Lowest Band Edge / 12 tones, start 0

Highest Band Edge / 12 tones, start 0



Date: 26.DEC.2019 15:52:56



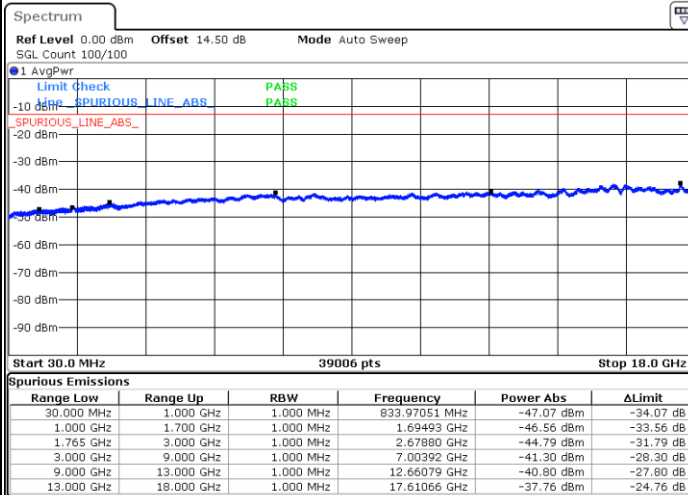
Date: 26.DEC.2019 15:51:08



Conducted Spurious Emission

LTE Band 4 / 3.75KHz / BPSK

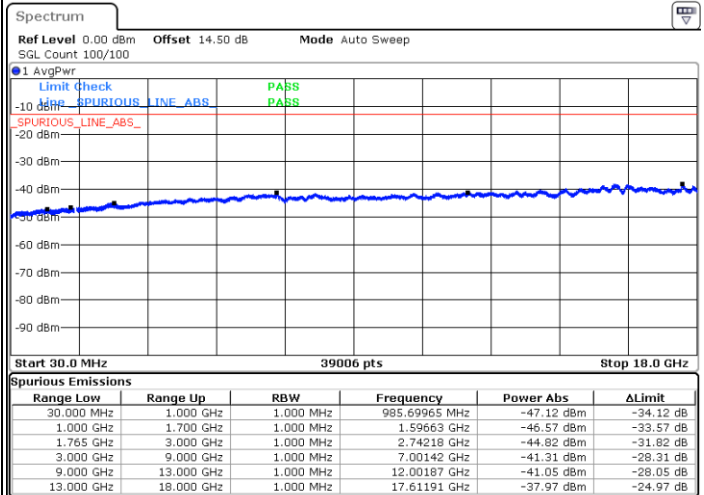
Lowest Channel / 1 tone, start 0



Date: 26.DEC.2019 18:42:47

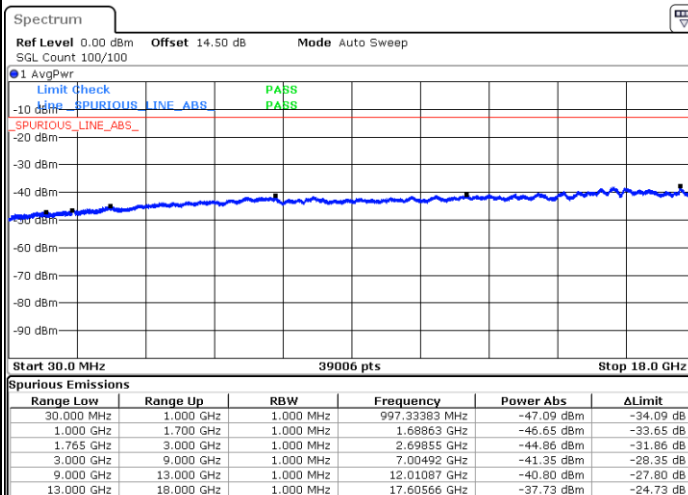
LTE Band 4 / 3.75KHz / QPSK

Lowest Channel / 1 tone, start 0



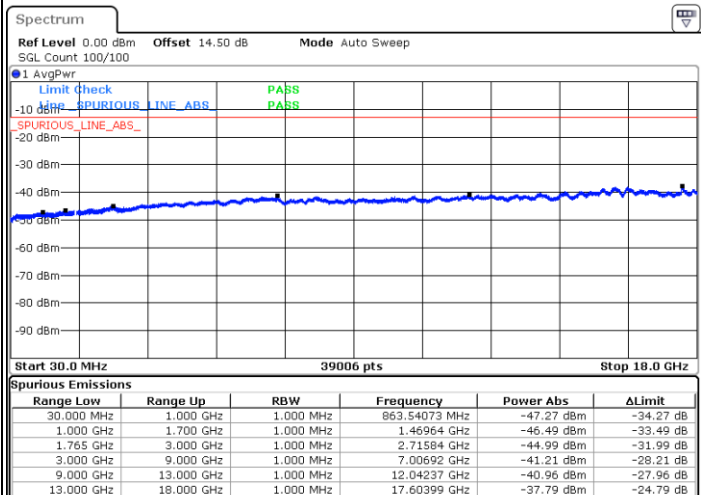
Date: 26.DEC.2019 18:07:38

Middle Channel / 1 tone, start 0



Date: 26.DEC.2019 19:13:00

Middle Channel / 1 tone, start 0

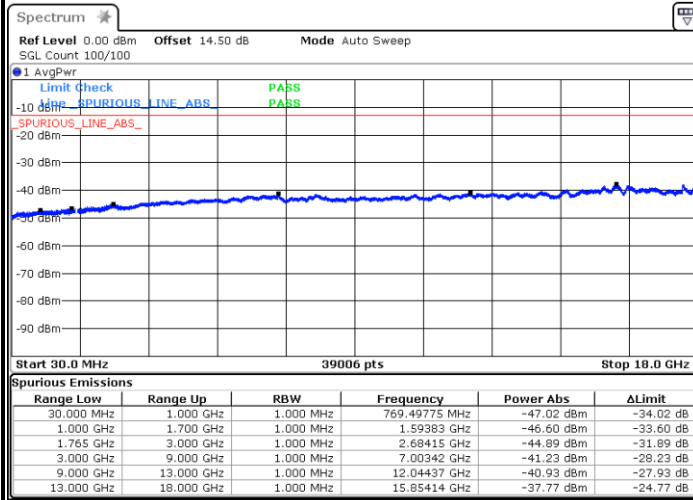


Date: 26.DEC.2019 19:15:19



LTE Band 4 / 3.75KHz / BPSK

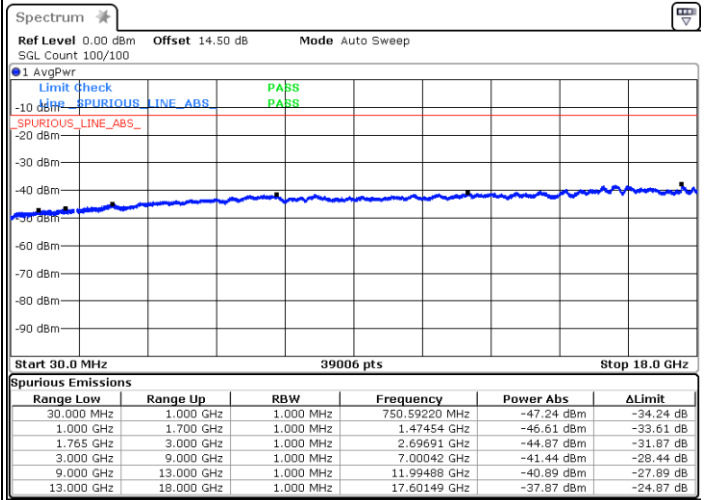
Highest Channel / 1 tone, start 0



Date: 27.DEC.2019 09:33:54

LTE Band 4 / 3.75KHz / QPSK

Highest Channel / 1 tone, start 0

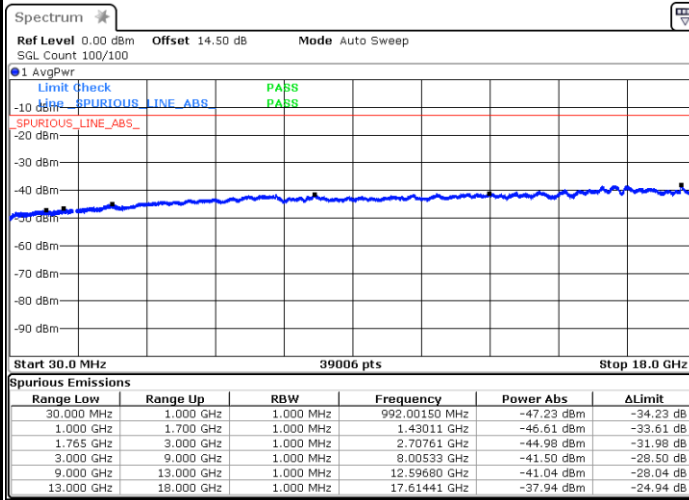


Date: 27.DEC.2019 09:36:08



LTE Band 4 / 15KHz / BPSK

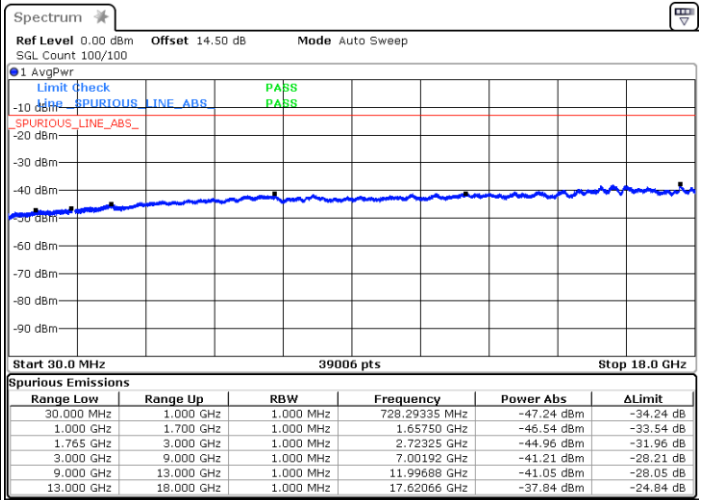
Lowest Channel / 1 tone, start 0



Date: 27.DEC.2019 10:13:39

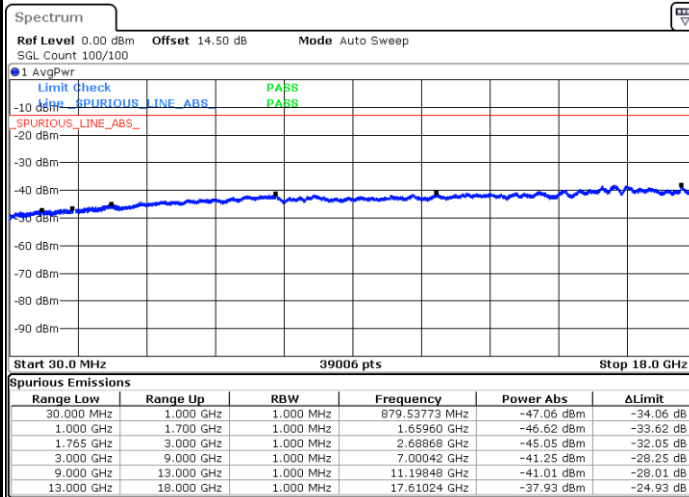
LTE Band 4 / 15KHz / QPSK

Lowest Channel / 1 tone, start 0



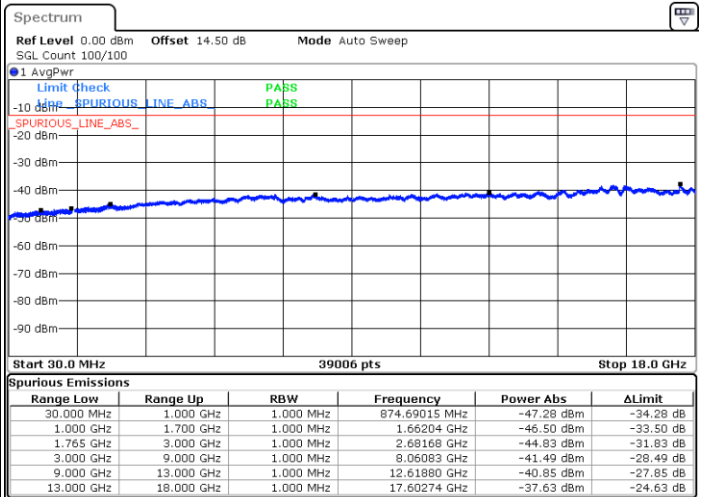
Date: 27.DEC.2019 09:56:31

Middle Channel / 1 tone, start 0

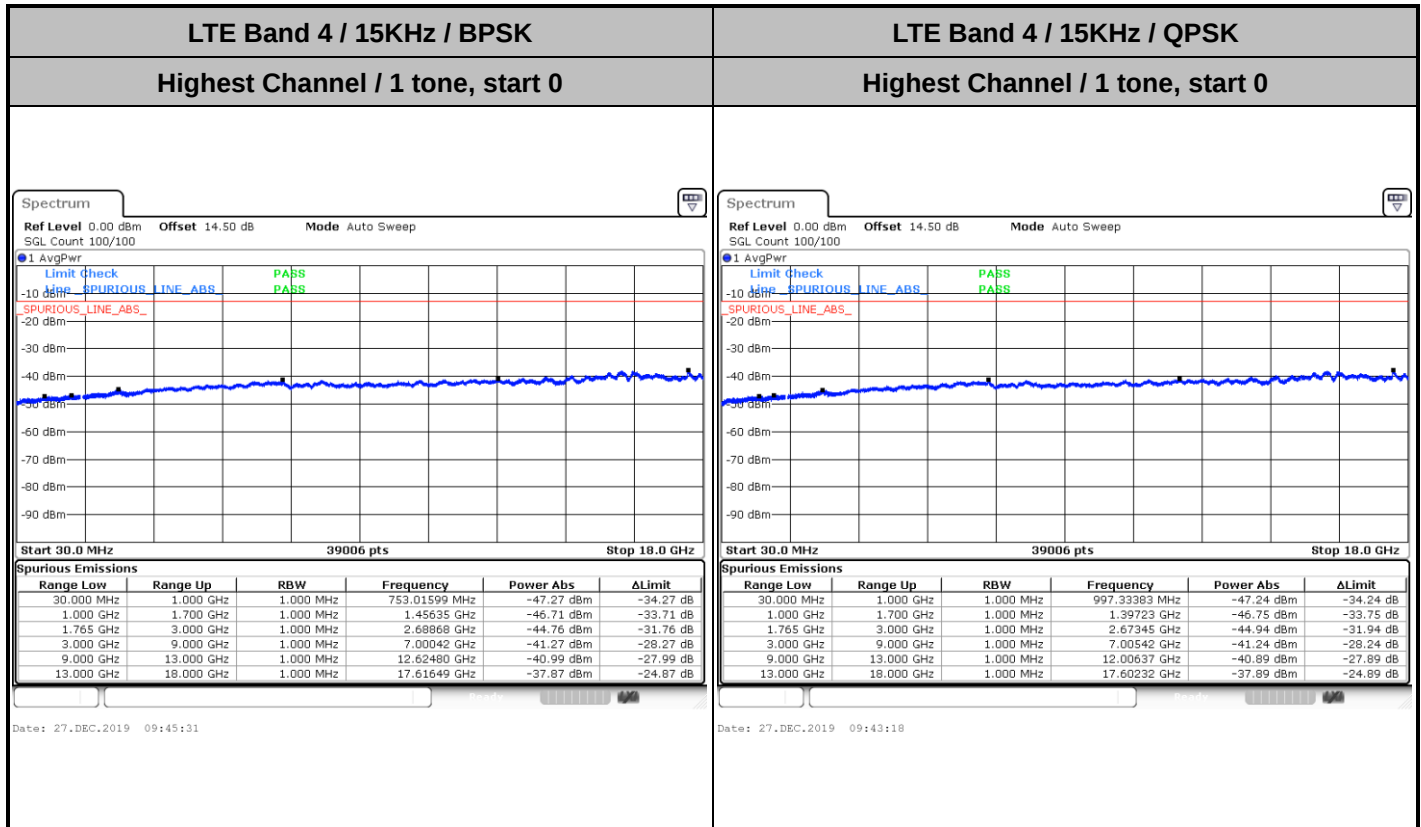


Date: 27.DEC.2019 09:48:27

Middle Channel / 1 tone, start 0



Date: 27.DEC.2019 09:50:36



Frequency Stability

Test Conditions		LTE Band 4(QPSK) / Middle Channel / 12 tones, start 0	Limit
Temperature (°C)	Voltage (Volt)	Sub-carrier Speacing 15KHz	Note 2.
		Deviation (ppm)	Result
85	Normal Voltage	0.0007	PASS
80	Normal Voltage	0.0012	
70	Normal Voltage	0.0013	
60	Normal Voltage	0.0000	
50	Normal Voltage	0.0015	
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0007	
-40	Normal Voltage	0.0013	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.80 V. ; Battery End Point (BEP) =3.20 V. ; Maximum Voltage =4.20 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Sample 1:

LTE Category M1:

LTE Band 2 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.32	-58.94	-13	-45.94	-76.61	-65.70	5.82	12.58	H
	5550.48	-58.21	-13	-45.21	-79.75	-63.93	7.28	13.00	H
	7400.64	-54.62	-13	-41.62	-80.78	-57.78	8.32	11.48	H
	3700.32	-60.59	-13	-47.59	-77.59	-67.35	5.82	12.58	V
	5550.48	-58.18	-13	-45.18	-78.96	-63.90	7.28	13.00	V
	7400.64	-55.46	-13	-42.46	-80.91	-58.62	8.32	11.48	V
Middle	3758.92	-59.22	-13	-46.22	-77.07	-65.97	5.85	12.60	H
	5638.38	-57.11	-13	-44.11	-78.57	-62.91	7.30	13.10	H
	7517.84	-54.86	-13	-41.86	-80.27	-58.01	8.35	11.50	H
	3758.92	-56.94	-13	-43.94	-74.02	-63.69	5.85	12.60	V
	5638.38	-58.51	-13	-45.51	-78.91	-64.31	7.30	13.10	V
	7517.84	-53.90	-13	-40.90	-78.71	-57.05	8.35	11.50	V
Highest	3817.52	-59.69	-13	-46.69	-77.81	-66.43	5.88	12.62	H
	5726.28	-58.01	-13	-45.01	-79.88	-63.82	7.32	13.13	H
	7635.04	-55.12	-13	-42.12	-80.00	-58.28	8.38	11.54	H
	3817.52	-54.13	-13	-41.13	-71.4	-60.87	5.88	12.62	V
	5726.28	-57.66	-13	-44.66	-78.6	-63.47	7.32	13.13	V
	7635.04	-52.92	-13	-39.92	-77.29	-56.08	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.48	-59.59	-13	-46.59	-77.26	-66.35	5.82	12.58	H
	5550.72	-58.43	-13	-45.43	-79.97	-64.15	7.28	13.00	H
	7400.96	-55.05	-13	-42.05	-81.21	-58.21	8.32	11.48	H
	3700.48	-58.65	-13	-45.65	-75.65	-65.41	5.82	12.58	V
	5550.72	-59.12	-13	-46.12	-79.9	-64.84	7.28	13.00	V
	7400.96	-55.20	-13	-42.20	-80.65	-58.36	8.32	11.48	V
Middle	3757.48	-59.37	-13	-46.37	-77.22	-66.12	5.85	12.60	H
	5636.22	-57.73	-13	-44.73	-79.19	-63.53	7.30	13.10	H
	7514.96	-55.07	-13	-42.07	-80.48	-58.22	8.35	11.50	H
	3757.48	-57.37	-13	-44.37	-74.45	-64.12	5.85	12.60	V
	5636.22	-56.77	-13	-43.77	-77.17	-62.57	7.30	13.10	V
	7514.96	-55.93	-13	-42.93	-80.74	-59.08	8.35	11.50	V
Highest	3814.48	-57.58	-13	-44.58	-75.70	-64.32	5.88	12.62	H
	5721.72	-57.81	-13	-44.81	-79.68	-63.62	7.32	13.13	H
	7628.96	-53.54	-13	-40.54	-78.42	-56.70	8.38	11.54	H
	3814.48	-53.64	-13	-40.64	-70.91	-60.38	5.88	12.62	V
	5721.72	-58.33	-13	-45.33	-79.27	-64.14	7.32	13.13	V
	7628.96	-56.06	-13	-43.06	-80.43	-59.22	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3700.68	-60.38	-13	-47.38	-78.05	-67.14	5.82	12.58	H
	5551.02	-57.15	-13	-44.15	-78.69	-62.87	7.28	13.00	H
	7401.36	-53.19	-13	-40.19	-79.35	-56.35	8.32	11.48	H
	3700.68	-58.01	-13	-45.01	-75.01	-64.77	5.82	12.58	V
	5551.02	-58.46	-13	-45.46	-79.24	-64.18	7.28	13.00	V
	7401.36	-54.48	-13	-41.48	-79.93	-57.64	8.32	11.48	V
Middle	3755.68	-57.48	-13	-44.48	-75.33	-64.23	5.85	12.60	H
	5633.52	-56.15	-13	-43.15	-77.61	-61.95	7.30	13.10	H
	7511.36	-54.16	-13	-41.16	-79.57	-57.31	8.35	11.50	H
	3755.68	-54.56	-13	-41.56	-71.64	-61.31	5.85	12.60	V
	5633.52	-57.66	-13	-44.66	-78.06	-63.46	7.30	13.10	V
	7511.36	-54.19	-13	-41.19	-79	-57.34	8.35	11.50	V
Highest	3810.68	-55.59	-13	-42.59	-73.62	-62.33	5.88	12.62	H
	5716.02	-57.47	-13	-44.47	-79.27	-63.28	7.32	13.13	H
	7621.36	-51.23	-13	-38.23	-76.08	-54.39	8.38	11.54	H
	3810.68	-53.99	-13	-40.99	-71.15	-60.73	5.88	12.62	V
	5716.02	-57.33	-13	-44.33	-78.17	-63.14	7.32	13.13	V
	7621.36	-55.59	-13	-42.59	-79.93	-58.75	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.18	-60.17	-13	-47.17	-77.84	-66.93	5.82	12.58	H
	5551.77	-55.30	-13	-42.30	-76.84	-61.02	7.28	13.00	H
	7402.36	-54.24	-13	-41.24	-80.40	-57.40	8.32	11.48	H
	3701.18	-60.50	-13	-47.50	-77.5	-67.26	5.82	12.58	V
	5551.77	-58.50	-13	-45.50	-79.28	-64.22	7.28	13.00	V
	7402.36	-54.53	-13	-41.53	-79.98	-57.69	8.32	11.48	V
Middle	3751.18	-59.63	-13	-46.63	-77.48	-66.38	5.85	12.60	H
	5626.77	-57.48	-13	-44.48	-78.97	-63.28	7.30	13.10	H
	7502	-53.11	-13	-40.11	-78.63	-56.26	8.35	11.50	H
	3751.18	-56.01	-13	-43.01	-73.09	-62.76	5.85	12.60	V
	5626.77	-55.10	-13	-42.10	-75.73	-60.90	7.30	13.10	V
	7502	-54.14	-13	-41.14	-79.05	-57.29	8.35	11.50	V
Highest	3801.18	-57.44	-13	-44.44	-75.47	-64.18	5.88	12.62	H
	5701.77	-56.42	-13	-43.42	-78.21	-62.23	7.32	13.13	H
	7602.36	-53.69	-13	-40.69	-78.50	-56.85	8.38	11.54	H
	3801.18	-53.28	-13	-40.28	-70.44	-60.02	5.88	12.62	V
	5701.77	-56.96	-13	-43.96	-77.79	-62.77	7.32	13.13	V
	7602.36	-55.44	-13	-42.44	-79.75	-58.60	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3701.68	-60.22	-13	-47.22	-77.89	-66.98	5.82	12.58	H
	5552.52	-57.11	-13	-44.11	-78.65	-62.83	7.28	13.00	H
	7403.36	-53.72	-13	-40.72	-79.88	-56.88	8.32	11.48	H
	3701.68	-60.07	-13	-47.07	-77.07	-66.83	5.82	12.58	V
	5552.52	-56.77	-13	-43.77	-77.55	-62.49	7.28	13.00	V
	7403.36	-54.76	-13	-41.76	-80.21	-57.92	8.32	11.48	V
Middle	3746.68	-56.84	-13	-43.84	-74.69	-63.59	5.85	12.60	H
	5620.02	-57.16	-13	-44.16	-78.65	-62.96	7.30	13.10	H
	7493.36	-53.47	-13	-40.47	-78.99	-56.62	8.35	11.50	H
	3746.68	-58.91	-13	-45.91	-75.99	-65.66	5.85	12.60	V
	5620.02	-56.73	-13	-43.73	-77.36	-62.53	7.30	13.10	V
	7493.36	-53.56	-13	-40.56	-78.47	-56.71	8.35	11.50	V
Highest	3791.68	-60.02	-13	-47.02	-77.98	-66.76	5.88	12.62	H
	5687.52	-57.59	-13	-44.59	-79.30	-63.40	7.32	13.13	H
	7583.36	-54.79	-13	-41.79	-79.73	-57.95	8.38	11.54	H
	3791.68	-60.88	-13	-47.88	-78.01	-67.62	5.88	12.62	V
	5687.52	-58.35	-13	-45.35	-79.07	-64.16	7.32	13.13	V
	7583.36	-55.47	-13	-42.47	-79.89	-58.63	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 2 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3702.18	-60.55	-13	-47.55	-78.22	-67.31	5.82	12.58	H
	5553.27	-58.45	-13	-45.45	-79.99	-64.17	7.28	13.00	H
	7404.36	-54.51	-13	-41.51	-80.67	-57.67	8.32	11.48	H
	3702.18	-60.49	-13	-47.49	-77.49	-67.25	5.82	12.58	V
	5553.27	-58.21	-13	-45.21	-78.99	-63.93	7.28	13.00	V
	7404.36	-55.37	-13	-42.37	-80.82	-58.53	8.32	11.48	V
Middle	3742.18	-60.52	-13	-47.52	-78.31	-67.27	5.85	12.60	H
	5613.27	-56.76	-13	-43.76	-78.28	-62.56	7.30	13.10	H
	7484.36	-53.69	-13	-40.69	-79.35	-56.84	8.35	11.50	H
	3742.18	-56.65	-13	-43.65	-73.71	-63.40	5.85	12.60	V
	5613.27	-58.09	-13	-45.09	-78.96	-63.89	7.30	13.10	V
	7484.36	-54.68	-13	-41.68	-79.7	-57.83	8.35	11.50	V
Highest	3782.18	-56.64	-13	-43.64	-74.60	-63.38	5.88	12.62	H
	5673.27	-58.36	-13	-45.36	-79.98	-64.17	7.32	13.13	H
	7564.36	-55.55	-13	-42.55	-80.60	-58.71	8.38	11.54	H
	3782.18	-54.87	-13	-41.87	-72	-61.61	5.88	12.62	V
	5673.27	-57.68	-13	-44.68	-78.29	-63.49	7.32	13.13	V
	7564.36	-56.07	-13	-43.07	-80.58	-59.23	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.32	-45.80	-13	-32.80	-60.64	-52.68	5.60	12.48	H
	5130.48	-58.92	-13	-45.92	-80.63	-64.60	7.10	12.78	H
	6840.64	-56.99	-13	-43.99	-80.90	-60.38	8.38	11.77	H
	3420.32	-50.02	-13	-37.02	-64.36	-56.90	5.60	12.48	V
	5130.48	-59.94	-13	-46.94	-80.87	-65.62	7.10	12.78	V
	6840.64	-57.65	-13	-44.65	-80.68	-61.04	8.38	11.77	V
Middle	3463.74	-47.00	-13	-34.00	-62.52	-53.85	5.65	12.50	H
	5195.61	-59.04	-13	-46.04	-80.86	-64.71	7.13	12.80	H
	6927.48	-56.61	-13	-43.61	-80.32	-60.01	8.40	11.80	H
	3463.74	-49.95	-13	-36.95	-64.98	-56.80	5.65	12.50	V
	5195.61	-60.27	-13	-47.27	-81.02	-65.94	7.13	12.80	V
	6927.48	-57.27	-13	-44.27	-80.6	-60.67	8.40	11.80	V
Highest	3507.52	-48.09	-13	-35.09	-64.28	-54.93	5.68	12.52	H
	5261.28	-60.37	-13	-47.37	-81.01	-66.04	7.15	12.82	H
	7015.04	-57.11	-13	-44.11	-80.84	-60.54	8.42	11.85	H
	3507.52	-50.32	-13	-37.32	-66.03	-57.16	5.68	12.52	V
	5261.28	-61.28	-13	-48.28	-80.85	-66.95	7.15	12.82	V
	7015.04	-57.30	-13	-44.30	-80.99	-60.73	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 3MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.48	-40.58	-13	-27.58	-55.42	-47.46	5.60	12.48	H
	5130.72	-57.77	-13	-44.77	-79.48	-63.45	7.10	12.78	H
	6840.96	-56.85	-13	-43.85	-80.76	-60.24	8.38	11.77	H
	3420.48	-47.25	-13	-34.25	-61.59	-54.13	5.60	12.48	V
	5130.72	-60.14	-13	-47.14	-81.07	-65.82	7.10	12.78	V
	6840.96	-57.64	-13	-44.64	-80.67	-61.03	8.38	11.77	V
Middle	3462.48	-48.03	-13	-35.03	-63.55	-54.88	5.65	12.50	H
	5193.72	-59.27	-13	-46.27	-81.10	-64.94	7.13	12.80	H
	6924.96	-56.72	-13	-43.72	-80.43	-60.12	8.40	11.80	H
	3462.48	-47.29	-13	-34.29	-62.32	-54.14	5.65	12.50	V
	5193.72	-60.31	-13	-47.31	-81.07	-65.98	7.13	12.80	V
	6924.96	-57.06	-13	-44.06	-80.39	-60.46	8.40	11.80	V
Highest	3504.48	-48.70	-13	-35.70	-64.67	-55.54	5.68	12.52	H
	5256.72	-60.04	-13	-47.04	-80.54	-65.71	7.15	12.82	H
	7008.96	-56.59	-13	-43.59	-80.11	-60.02	8.42	11.85	H
	3504.48	-50.80	-13	-37.80	-66.29	-57.64	5.68	12.52	V
	5256.72	-61.50	-13	-48.50	-80.94	-67.17	7.15	12.82	V
	7008.96	-57.12	-13	-44.12	-80.66	-60.55	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 5MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3420.68	-39.46	-13	-26.46	-54.30	-46.34	5.60	12.48	H
	5131.02	-58.02	-13	-45.02	-79.73	-63.70	7.10	12.78	H
	6841.36	-56.93	-13	-43.93	-80.84	-60.32	8.38	11.77	H
	3420.68	-46.79	-13	-33.79	-61.13	-53.67	5.60	12.48	V
	5131.02	-60.04	-13	-47.04	-80.97	-65.72	7.10	12.78	V
	6841.36	-57.59	-13	-44.59	-80.62	-60.98	8.38	11.77	V
Middle	3460.68	-43.08	-13	-30.08	-58.59	-49.93	5.65	12.50	H
	5191.02	-57.86	-13	-44.86	-79.69	-63.53	7.13	12.80	H
	6921.36	-56.77	-13	-43.77	-80.50	-60.17	8.40	11.80	H
	3460.68	-47.80	-13	-34.80	-62.82	-54.65	5.65	12.50	V
	5191.02	-60.18	-13	-47.18	-80.94	-65.85	7.13	12.80	V
	6921.36	-57.38	-13	-44.38	-80.63	-60.78	8.40	11.80	V
Highest	3500.68	-45.84	-13	-32.84	-61.81	-52.68	5.68	12.52	H
	5251.02	-60.44	-13	-47.44	-80.94	-66.11	7.15	12.82	H
	7001.36	-56.97	-13	-43.97	-80.50	-60.40	8.42	11.85	H
	3500.68	-59.92	-13	-46.92	-75.41	-66.76	5.68	12.52	V
	5251.02	-61.39	-13	-48.39	-80.83	-67.06	7.15	12.82	V
	7001.36	-57.04	-13	-44.04	-80.59	-60.47	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 10MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.18	-45.40	-13	-32.40	-60.24	-52.28	5.60	12.48	H
	5131.77	-56.70	-13	-43.70	-78.41	-62.38	7.10	12.78	H
	6842.36	-56.56	-13	-43.56	-80.47	-59.95	8.38	11.77	H
	3421.18	-45.13	-13	-32.13	-59.47	-52.01	5.60	12.48	V
	5131.77	-59.87	-13	-46.87	-80.8	-65.55	7.10	12.78	V
	6842.36	-57.57	-13	-44.57	-80.6	-60.96	8.38	11.77	V
Middle	3456.18	-49.65	-13	-36.65	-64.94	-56.50	5.65	12.50	H
	5184.27	-58.96	-13	-45.96	-80.75	-64.63	7.13	12.80	H
	6912.36	-56.66	-13	-43.66	-80.39	-60.06	8.40	11.80	H
	3456.18	-48.45	-13	-35.45	-63.25	-55.30	5.65	12.50	V
	5184.27	-59.95	-13	-46.95	-80.74	-65.62	7.13	12.80	V
	6912.36	-57.52	-13	-44.52	-80.77	-60.92	8.40	11.80	V
Highest	3491.18	-52.23	-13	-39.23	-68.20	-59.07	5.68	12.52	H
	5236.77	-60.34	-13	-47.34	-81.29	-66.01	7.15	12.82	H
	6982.36	-57.03	-13	-44.03	-80.58	-60.46	8.42	11.85	H
	3491.18	-51.09	-13	-38.09	-66.58	-57.93	5.68	12.52	V
	5236.77	-60.99	-13	-47.99	-80.87	-66.66	7.15	12.82	V
	6982.36	-57.13	-13	-44.13	-80.6	-60.56	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 15MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3421.68	-43.08	-13	-30.08	-57.92	-49.96	5.60	12.48	H
	5132.52	-59.18	-13	-46.18	-80.89	-64.86	7.10	12.78	H
	6843.36	-56.67	-13	-43.67	-80.58	-60.06	8.38	11.77	H
	3421.68	-49.12	-13	-36.12	-63.46	-56.00	5.60	12.48	V
	5132.52	-59.75	-13	-46.75	-80.68	-65.43	7.10	12.78	V
	6843.36	-57.72	-13	-44.72	-80.75	-61.11	8.38	11.77	V
Middle	3451.68	-52.66	-13	-39.66	-67.95	-59.51	5.65	12.50	H
	5177.52	-58.01	-13	-45.01	-79.80	-63.68	7.13	12.80	H
	6903.36	-56.97	-13	-43.97	-80.72	-60.37	8.40	11.80	H
	3451.68	-45.55	-13	-32.55	-60.35	-52.40	5.65	12.50	V
	5177.52	-59.98	-13	-46.98	-80.77	-65.65	7.13	12.80	V
	6903.36	-57.76	-13	-44.76	-80.92	-61.16	8.40	11.80	V
Highest	3481.68	-46.14	-13	-33.14	-61.88	-52.98	5.68	12.52	H
	5222.52	-59.54	-13	-46.54	-80.92	-65.21	7.15	12.82	H
	6963.36	-57.19	-13	-44.19	-80.80	-60.62	8.42	11.85	H
	3481.68	-50.03	-13	-37.03	-65.28	-56.87	5.68	12.52	V
	5222.52	-60.01	-13	-47.01	-80.32	-65.68	7.15	12.82	V
	6963.36	-57.13	-13	-44.13	-80.55	-60.56	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 4 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3422.18	-39.34	-13	-26.34	-54.18	-46.22	5.60	12.48	H
	5133.27	-58.67	-13	-45.67	-80.38	-64.35	7.10	12.78	H
	6844.36	-56.82	-13	-43.82	-80.73	-60.21	8.38	11.77	H
	3422.18	-43.88	-13	-30.88	-58.22	-50.76	5.60	12.48	V
	5133.27	-59.94	-13	-46.94	-80.87	-65.62	7.10	12.78	V
	6844.36	-57.37	-13	-44.37	-80.4	-60.76	8.38	11.77	V
Middle	3447.18	-43.50	-13	-30.50	-58.79	-50.35	5.65	12.50	H
	5170.77	-58.40	-13	-45.40	-80.16	-64.07	7.13	12.80	H
	6894.36	-56.91	-13	-43.91	-80.70	-60.31	8.40	11.80	H
	3447.18	-48.75	-13	-35.75	-63.55	-55.60	5.65	12.50	V
	5170.77	-59.62	-13	-46.62	-80.45	-65.29	7.13	12.80	V
	6894.36	-57.64	-13	-44.64	-80.84	-61.04	8.40	11.80	V
Highest	3472.18	-40.92	-13	-27.92	-56.44	-47.76	5.68	12.52	H
	5208.27	-59.71	-13	-46.71	-81.10	-65.38	7.15	12.82	H
	6944.36	-56.96	-13	-43.96	-80.61	-60.39	8.42	11.85	H
	3472.18	-52.10	-13	-39.10	-67.13	-58.94	5.68	12.52	V
	5208.27	-60.77	-13	-47.77	-81.09	-66.44	7.15	12.82	V
	6944.36	-57.10	-13	-44.10	-80.47	-60.53	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.92	-63.70	-13	-50.70	-73.22	-66.95	4.00	9.40	H
	2474.88	-61.00	-13	-48.00	-74.42	-64.57	4.88	10.60	H
	3299.84	-62.05	-13	-49.05	-77.60	-66.98	5.52	12.60	H
	1649.92	-64.55	-13	-51.55	-73.55	-67.80	4.00	9.40	V
	2474.88	-57.28	-13	-44.28	-70.50	-60.85	4.88	10.60	V
	3299.84	-62.41	-13	-49.41	-77.57	-67.34	5.52	12.60	V
Middle	1671.92	-63.45	-13	-50.45	-73.35	-66.70	4.00	9.40	H
	2507.88	-59.90	-13	-46.90	-73.30	-63.47	4.88	10.60	H
	3343.84	-62.39	-13	-49.39	-77.83	-67.32	5.52	12.60	H
	1671.92	-62.05	-13	-49.05	-71.44	-65.30	4.00	9.40	V
	2507.88	-57.40	-13	-44.40	-70.63	-60.97	4.88	10.60	V
	3343.84	-61.66	-13	-48.66	-76.66	-66.59	5.52	12.60	V
Highest	1695.52	-62.68	-13	-49.68	-72.76	-65.93	4.00	9.40	H
	2543.28	-57.92	-13	-44.92	-71.34	-61.49	4.88	10.60	H
	3391.04	-63.21	-13	-50.21	-77.82	-68.14	5.52	12.60	H
	1695.52	-62.89	-13	-49.89	-72.47	-66.14	4.00	9.40	V
	2543.28	-57.71	-13	-44.71	-70.87	-61.28	4.88	10.60	V
	3391.04	-63.60	-13	-50.60	-77.70	-68.53	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.48	-64.09	-13	-51.09	-73.61	-67.34	4.00	9.40	H
	2472.72	-60.69	-13	-47.69	-74.11	-64.26	4.88	10.60	H
	3296.96	-61.80	-13	-48.80	-77.35	-66.73	5.52	12.60	H
	1648.48	-64.37	-13	-51.37	-73.37	-67.62	4.00	9.40	V
	2472.72	-59.94	-13	-46.94	-73.16	-63.51	4.88	10.60	V
	3296.96	-61.00	-13	-48.00	-76.16	-65.93	5.52	12.60	V
Middle	1670.48	-63.80	-13	-50.80	-73.52	-67.05	4.00	9.40	H
	2505.72	-61.22	-13	-48.22	-74.62	-64.79	4.88	10.60	H
	3340.96	-62.03	-13	-49.03	-77.47	-66.96	5.52	12.60	H
	1670.48	-63.83	-13	-50.83	-73.04	-67.08	4.00	9.40	V
	2505.72	-57.38	-13	-44.38	-70.61	-60.95	4.88	10.60	V
	3340.96	-61.52	-13	-48.52	-76.52	-66.45	5.52	12.60	V
Highest	1692.48	-63.12	-13	-50.12	-73.20	-66.37	4.00	9.40	H
	2538.72	-56.42	-13	-43.42	-69.83	-59.99	4.88	10.60	H
	3384.96	-62.84	-13	-49.84	-77.73	-67.77	5.52	12.60	H
	1692.48	-63.25	-13	-50.25	-72.83	-66.50	4.00	9.40	V
	2538.72	-58.99	-13	-45.99	-72.14	-62.56	4.88	10.60	V
	3384.96	-62.61	-13	-49.61	-77.02	-67.54	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.68	-63.54	-13	-50.54	-73.06	-66.79	4.00	9.40	H
	2473.02	-61.76	-13	-48.76	-75.18	-65.33	4.88	10.60	H
	3297.36	-61.71	-13	-48.71	-77.26	-66.64	5.52	12.60	H
	1648.68	-64.17	-13	-51.17	-73.17	-67.42	4.00	9.40	V
	2473.02	-62.52	-13	-49.52	-75.74	-66.09	4.88	10.60	V
	3297.36	-61.97	-13	-48.97	-77.13	-66.90	5.52	12.60	V
Middle	1668.68	-63.60	-13	-50.60	-73.32	-66.85	4.00	9.40	H
	2503.02	-59.33	-13	-46.33	-72.74	-62.90	4.88	10.60	H
	3337.36	-62.29	-13	-49.29	-77.77	-67.22	5.52	12.60	H
	1668.68	-63.72	-13	-50.72	-72.93	-66.97	4.00	9.40	V
	2503.02	-58.91	-13	-45.91	-72.14	-62.48	4.88	10.60	V
	3337.36	-62.60	-13	-49.60	-77.66	-67.53	5.52	12.60	V
Highest	1688.68	-63.20	-13	-50.20	-73.28	-66.45	4.00	9.40	H
	2533.02	-57.07	-13	-44.07	-70.48	-60.64	4.88	10.60	H
	3377.36	-62.44	-13	-49.44	-77.32	-67.37	5.52	12.60	H
	1688.68	-63.41	-13	-50.41	-72.99	-66.66	4.00	9.40	V
	2533.02	-56.10	-13	-43.10	-69.30	-59.67	4.88	10.60	V
	3377.36	-62.26	-13	-49.26	-76.66	-67.19	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 5 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.18	-63.70	-13	-50.70	-73.22	-66.95	4.00	9.40	H
	2473.77	-60.80	-13	-47.80	-74.22	-64.37	4.88	10.60	H
	3298.36	-61.09	-13	-48.09	-76.64	-66.02	5.52	12.60	H
	1649.18	-64.38	-13	-51.38	-73.38	-67.63	4.00	9.40	V
	2473.77	-58.95	-13	-45.95	-72.17	-62.52	4.88	10.60	V
	3298.36	-61.27	-13	-48.27	-76.43	-66.20	5.52	12.60	V
Middle	1664.18	-62.38	-13	-49.38	-72.10	-65.63	4.00	9.40	H
	2496.27	-57.34	-13	-44.34	-70.75	-60.91	4.88	10.60	H
	3328.36	-61.91	-13	-48.91	-77.38	-66.84	5.52	12.60	H
	1664.18	-63.81	-13	-50.81	-73.02	-67.06	4.00	9.40	V
	2496.27	-59.94	-13	-46.94	-73.17	-63.51	4.88	10.60	V
	3328.36	-62.04	-13	-49.04	-77.09	-66.97	5.52	12.60	V
Highest	1679.18	-63.54	-13	-50.54	-73.47	-66.79	4.00	9.40	H
	2518.77	-59.42	-13	-46.42	-72.83	-62.99	4.88	10.60	H
	3358.36	-61.85	-13	-48.85	-77.01	-66.78	5.52	12.60	H
	1679.18	-63.87	-13	-50.87	-73.29	-67.12	4.00	9.40	V
	2518.77	-59.22	-13	-46.22	-72.46	-62.79	4.88	10.60	V
	3358.36	-62.13	-13	-49.13	-76.82	-67.06	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.14	-61.74	-13	-48.74	-71.38	-64.97	3.98	9.36	H
	2097.21	-49.38	-13	-36.38	-63.43	-52.93	4.85	10.55	H
	2796.28	-61.54	-13	-48.54	-75.65	-66.47	5.50	12.58	H
	1398.14	-63.30	-13	-50.30	-72.63	-66.53	3.98	9.36	V
	2097.21	-47.77	-13	-34.77	-61.49	-51.32	4.85	10.55	V
	2796.28	-61.81	-13	-48.81	-75.59	-66.74	5.50	12.58	V
Middle	1413.74	-63.58	-13	-50.58	-73.35	-66.83	4.00	9.40	H
	2120.61	-45.15	-13	-32.15	-59.34	-48.72	4.88	10.60	H
	2827.48	-61.45	-13	-48.45	-75.63	-66.38	5.52	12.60	H
	1413.74	-63.34	-13	-50.34	-72.78	-66.59	4.00	9.40	V
	2120.61	-52.79	-13	-39.79	-66.67	-56.36	4.88	10.60	V
	2827.48	-61.56	-13	-48.56	-75.41	-66.49	5.52	12.60	V
Highest	1429.34	-62.55	-13	-49.55	-72.30	-65.72	4.10	9.42	H
	2144.01	-44.45	-13	-31.45	-58.77	-48.03	4.90	10.63	H
	2858.68	-60.72	-13	-47.72	-75.02	-65.64	5.55	12.62	H
	1429.34	-62.67	-13	-49.67	-72.08	-65.84	4.10	9.42	V
	2144.01	-47.18	-13	-34.18	-61.22	-50.76	4.90	10.63	V
	2858.68	-61.34	-13	-48.34	-75.28	-66.26	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-63.02	-13	-50.02	-72.66	-66.25	3.98	9.36	H
	2097.45	-48.69	-13	-35.69	-62.74	-52.24	4.85	10.55	H
	2796.6	-61.05	-13	-48.05	-75.16	-65.98	5.50	12.58	H
	1398.3	-62.82	-13	-49.82	-72.15	-66.05	3.98	9.36	V
	2097.45	-47.76	-13	-34.76	-61.48	-51.31	4.85	10.55	V
	2796.6	-61.78	-13	-48.78	-75.56	-66.71	5.50	12.58	V
Middle	1412.3	-63.06	-13	-50.06	-72.83	-66.31	4.00	9.40	H
	2118.45	-49.01	-13	-36.01	-63.20	-52.58	4.88	10.60	H
	2824.6	-61.57	-13	-48.57	-75.75	-66.50	5.52	12.60	H
	1412.3	-63.49	-13	-50.49	-72.93	-66.74	4.00	9.40	V
	2118.45	-46.76	-13	-33.76	-60.64	-50.33	4.88	10.60	V
	2824.6	-61.64	-13	-48.64	-75.49	-66.57	5.52	12.60	V
Highest	1426.3	-63.17	-13	-50.17	-72.92	-66.34	4.10	9.42	H
	2139.45	-44.26	-13	-31.26	-58.58	-47.84	4.90	10.63	H
	2852.6	-61.11	-13	-48.11	-75.41	-66.03	5.55	12.62	H
	1426.3	-63.74	-13	-50.74	-73.15	-66.91	4.10	9.42	V
	2139.45	-45.83	-13	-32.83	-59.87	-49.41	4.90	10.63	V
	2852.6	-61.04	-13	-48.04	-74.98	-65.96	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-61.85	-13	-48.85	-71.49	-65.08	3.98	9.36	H
	2097.75	-51.69	-13	-38.69	-65.74	-55.24	4.85	10.55	H
	2797	-61.38	-13	-48.38	-75.49	-66.31	5.50	12.58	H
	1398.5	-62.43	-13	-49.43	-71.76	-65.66	3.98	9.36	V
	2097.75	-52.53	-13	-39.53	-66.25	-56.08	4.85	10.55	V
	2797	-61.75	-13	-48.75	-75.53	-66.68	5.50	12.58	V
Middle	1410.5	-62.07	-13	-49.07	-71.84	-65.32	4.00	9.40	H
	2115.75	-46.07	-13	-33.07	-60.26	-49.64	4.88	10.60	H
	2821	-61.08	-13	-48.08	-75.25	-66.01	5.52	12.60	H
	1410.5	-62.77	-13	-49.77	-72.21	-66.02	4.00	9.40	V
	2115.75	-47.78	-13	-34.78	-61.66	-51.35	4.88	10.60	V
	2821	-61.74	-13	-48.74	-75.58	-66.67	5.52	12.60	V
Highest	1422.5	-62.67	-13	-49.67	-72.42	-65.84	4.10	9.42	H
	2133.75	-46.77	-13	-33.77	-61.08	-50.35	4.90	10.63	H
	2845	-60.99	-13	-47.99	-75.28	-65.91	5.55	12.62	H
	1422.5	-62.65	-13	-49.65	-72.06	-65.82	4.10	9.42	V
	2133.75	-46.77	-13	-33.77	-60.80	-50.35	4.90	10.63	V
	2845	-61.35	-13	-48.35	-75.28	-66.27	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-63.18	-13	-50.18	-72.82	-66.41	3.98	9.36	H
	2098.5	-52.02	-13	-39.02	-66.07	-55.57	4.85	10.55	H
	2798	-61.29	-13	-48.29	-75.41	-66.22	5.50	12.58	H
	1399	-63.86	-13	-50.86	-73.19	-67.09	3.98	9.36	V
	2098.5	-48.90	-13	-35.90	-62.62	-52.45	4.85	10.55	V
	2798	-61.70	-13	-48.70	-75.49	-66.63	5.50	12.58	V
Middle	1406	-63.28	-13	-50.28	-73.05	-66.53	4.00	9.40	H
	2109	-49.06	-13	-36.06	-63.11	-52.63	4.88	10.60	H
	2812	-60.75	-13	-47.75	-74.92	-65.68	5.52	12.60	H
	1406	-63.32	-13	-50.32	-72.76	-66.57	4.00	9.40	V
	2109	-50.65	-13	-37.65	-64.37	-54.22	4.88	10.60	V
	2812	-61.80	-13	-48.80	-75.64	-66.73	5.52	12.60	V
Highest	1413	-62.45	-13	-49.45	-72.22	-65.62	4.10	9.42	H
	2119.5	-55.57	-13	-42.57	-69.76	-59.15	4.90	10.63	H
	2826	-60.74	-13	-47.74	-74.92	-65.66	5.55	12.62	H
	1413	-63.52	-13	-50.52	-72.96	-66.69	4.10	9.42	V
	2119.5	-49.21	-13	-36.21	-63.09	-52.79	4.90	10.63	V
	2826	-61.16	-13	-48.16	-75.01	-66.08	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 13 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1554.5	-63.66	-13	-50.66	-72.80	-66.89	3.98	9.36	H
	2331.75	-61.23	-13	-48.23	-75.19	-64.78	4.85	10.55	H
	3109	-60.11	-13	-47.11	-75.46	-65.04	5.50	12.58	H
	1554.5	-64.06	-13	-51.06	-72.71	-67.29	3.98	9.36	V
	2331.75	-49.89	-13	-36.89	-63.61	-53.44	4.85	10.55	V
	3109	-60.79	-13	-47.79	-75.78	-65.72	5.50	12.58	V
Middle	1559.5	-64.34	-42.15	-22.19	-73.48	-67.59	4.00	9.40	H
	2339.25	-54.49	-13	-41.49	-68.33	-58.06	4.88	10.60	H
	3119	-61.69	-13	-48.69	-77.12	-66.62	5.52	12.60	H
	1559.5	-64.68	-42.15	-22.53	-73.33	-67.93	4.00	9.40	V
	2339.25	-50.19	-13	-37.19	-63.78	-53.76	4.88	10.60	V
	3119	-61.95	-13	-48.95	-77.03	-66.88	5.52	12.60	V
Highest	1564.5	-64.32	-42.15	-22.17	-73.46	-67.49	4.10	9.42	H
	2346.75	-52.47	-13	-39.47	-66.31	-56.05	4.90	10.63	H
	3129	-62.05	-13	-49.05	-77.48	-66.97	5.55	12.62	H
	1564.5	-65.06	-42.15	-22.91	-73.71	-68.23	4.10	9.42	V
	2346.75	-51.41	-13	-38.41	-65.00	-54.99	4.90	10.63	V
	3129	-62.12	-13	-49.12	-77.20	-67.04	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1555	-64.24	-13	-51.24	-73.38	-67.49	4.00	9.40	H
	2332.5	-49.46	-13	-36.46	-63.42	-53.03	4.88	10.60	H
	3110	-61.61	-13	-48.61	-76.96	-66.54	5.52	12.60	H
	1555	-64.79	-13	-51.79	-73.44	-68.04	4.00	9.40	V
	2332.5	-49.69	-13	-36.69	-63.41	-53.26	4.88	10.60	V
	3110	-61.92	-13	-48.92	-76.91	-66.85	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 1.4MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.14	-62.29	-13	-49.29	-71.81	-65.54	4.00	9.40	H
	2472.21	-53.01	-13	-40.01	-66.43	-56.58	4.88	10.60	H
	3296.28	-61.53	-13	-48.53	-77.08	-66.46	5.52	12.60	H
	1648.14	-63.23	-13	-50.23	-72.23	-66.48	4.00	9.40	V
	2472.21	-54.52	-13	-41.52	-67.74	-58.09	4.88	10.60	V
	3296.28	-61.85	-13	-48.85	-77.01	-66.78	5.52	12.60	V
Middle	1671.74	-62.63	-13	-49.63	-72.53	-65.88	4.00	9.40	H
	2507.61	-59.36	-13	-46.36	-72.76	-62.93	4.88	10.60	H
	3343.48	-60.54	-13	-47.54	-75.98	-65.47	5.52	12.60	H
	1671.74	-63.03	-13	-50.03	-72.42	-66.28	4.00	9.40	V
	2507.61	-56.43	-13	-43.43	-69.66	-60.00	4.88	10.60	V
	3343.48	-62.36	-13	-49.36	-77.36	-67.29	5.52	12.60	V
Highest	1695.34	-61.95	-13	-48.95	-72.03	-65.20	4.00	9.40	H
	2543.01	-56.92	-13	-43.92	-70.34	-60.49	4.88	10.60	H
	3390.68	-62.74	-13	-49.74	-77.35	-67.67	5.52	12.60	H
	1695.34	-62.58	-13	-49.58	-72.16	-65.83	4.00	9.40	V
	2543.01	-56.95	-13	-43.95	-70.11	-60.52	4.88	10.60	V
	3390.68	-63.40	-13	-50.40	-77.50	-68.33	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.3	-63.91	-13	-50.91	-73.43	-67.16	4.00	9.40	H
	2472.45	-59.26	-13	-46.26	-72.68	-62.83	4.88	10.60	H
	3296.6	-60.76	-13	-47.76	-76.31	-65.69	5.52	12.60	H
	1648.3	-64.78	-13	-51.78	-73.78	-68.03	4.00	9.40	V
	2472.45	-58.59	-13	-45.59	-71.81	-62.16	4.88	10.60	V
	3296.6	-61.76	-13	-48.76	-76.92	-66.69	5.52	12.60	V
Middle	1670.3	-64.18	-13	-51.18	-73.90	-67.43	4.00	9.40	H
	2505.45	-58.80	-13	-45.80	-72.20	-62.37	4.88	10.60	H
	3340.6	-61.31	-13	-48.31	-76.75	-66.24	5.52	12.60	H
	1670.3	-64.33	-13	-51.33	-73.54	-67.58	4.00	9.40	V
	2505.45	-56.14	-13	-43.14	-69.37	-59.71	4.88	10.60	V
	3340.6	-62.11	-13	-49.11	-77.11	-67.04	5.52	12.60	V
Highest	1692.3	-63.64	-13	-50.64	-73.72	-66.89	4.00	9.40	H
	2538.45	-57.31	-13	-44.31	-70.72	-60.88	4.88	10.60	H
	3384.6	-62.33	-13	-49.33	-77.22	-67.26	5.52	12.60	H
	1692.3	-63.83	-13	-50.83	-73.41	-67.08	4.00	9.40	V
	2538.45	-54.85	-13	-41.85	-68.05	-58.42	4.88	10.60	V
	3384.6	-62.94	-13	-49.94	-77.35	-67.87	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1648.5	-63.88	-13	-50.88	-73.40	-67.13	4.00	9.40	H
	2472.75	-62.37	-13	-49.37	-75.79	-65.94	4.88	10.60	H
	3297	-61.21	-13	-48.21	-76.76	-66.14	5.52	12.60	H
	1648.5	-64.68	-13	-51.68	-73.68	-67.93	4.00	9.40	V
	2472.75	-55.95	-13	-42.95	-69.17	-59.52	4.88	10.60	V
	3297	-61.90	-13	-48.90	-77.06	-66.83	5.52	12.60	V
Middle	1668.5	-64.42	-13	-51.42	-74.14	-67.67	4.00	9.40	H
	2502.75	-57.40	-13	-44.40	-70.81	-60.97	4.88	10.60	H
	3337	-62.21	-13	-49.21	-77.69	-67.14	5.52	12.60	H
	1668.5	-64.54	-13	-51.54	-73.75	-67.79	4.00	9.40	V
	2502.75	-55.42	-13	-42.42	-68.65	-58.99	4.88	10.60	V
	3337	-62.42	-13	-49.42	-77.48	-67.35	5.52	12.60	V
Highest	1688.5	-63.04	-13	-50.04	-72.97	-66.29	4.00	9.40	H
	2532.75	-60.02	-13	-47.02	-73.43	-63.59	4.88	10.60	H
	3377	-62.15	-13	-49.15	-77.03	-67.08	5.52	12.60	H
	1688.5	-63.58	-13	-50.58	-73.00	-66.83	4.00	9.40	V
	2532.75	-57.50	-13	-44.50	-70.70	-61.07	4.88	10.60	V
	3377	-62.57	-13	-49.57	-76.97	-67.50	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649	-63.94	-13	-50.94	-73.46	-67.19	4.00	9.40	H
	2473.5	-62.00	-13	-49.00	-75.42	-65.57	4.88	10.60	H
	3298	-61.49	-13	-48.49	-77.04	-66.42	5.52	12.60	H
	1649	-64.60	-13	-51.60	-73.60	-67.85	4.00	9.40	V
	2473.5	-56.89	-13	-43.89	-70.11	-60.46	4.88	10.60	V
	3298	-61.49	-13	-48.49	-76.65	-66.42	5.52	12.60	V
Middle	1664	-63.44	-13	-50.44	-73.16	-66.69	4.00	9.40	H
	2496	-60.72	-13	-47.72	-74.13	-64.29	4.88	10.60	H
	3328	-62.07	-13	-49.07	-77.54	-67.00	5.52	12.60	H
	1664	-63.47	-13	-50.47	-72.68	-66.72	4.00	9.40	V
	2496	-56.54	-13	-43.54	-69.77	-60.11	4.88	10.60	V
	3328	-62.37	-13	-49.37	-77.42	-67.30	5.52	12.60	V
Highest	1679	-63.66	-13	-50.66	-73.59	-66.91	4.00	9.40	H
	2518.5	-59.05	-13	-46.05	-72.46	-62.62	4.88	10.60	H
	3358	-61.55	-13	-48.55	-76.71	-66.48	5.52	12.60	H
	1679	-64.11	-13	-51.11	-73.53	-67.36	4.00	9.40	V
	2518.5	-57.05	-13	-44.05	-70.29	-60.62	4.88	10.60	V
	3358	-62.46	-13	-49.46	-77.15	-67.39	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



LTE Band 26 / 15MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1649.5	-64.35	-13	-51.35	-73.87	-67.60	4.00	9.40	H
	2474.25	-58.93	-13	-45.93	-72.35	-62.50	4.88	10.60	H
	3299	-61.37	-13	-48.37	-76.92	-66.30	5.52	12.60	H
	1649.5	-64.72	-13	-51.72	-73.72	-67.97	4.00	9.40	V
	2474.25	-60.14	-13	-47.14	-73.36	-63.71	4.88	10.60	V
	3299	-61.26	-13	-48.26	-76.42	-66.19	5.52	12.60	V
Middle	1659.5	-63.40	-13	-50.40	-73.12	-66.65	4.00	9.40	H
	2489.25	-56.82	-13	-43.82	-70.22	-60.39	4.88	10.60	H
	3319	-61.71	-13	-48.71	-77.23	-66.64	5.52	12.60	H
	1659.5	-64.49	-13	-51.49	-73.70	-67.74	4.00	9.40	V
	2489.25	-58.30	-13	-45.30	-71.52	-61.87	4.88	10.60	V
	3319	-62.36	-13	-49.36	-77.47	-67.29	5.52	12.60	V
Highest	1669.5	-64.12	-13	-51.12	-73.84	-67.37	4.00	9.40	H
	2504.25	-61.81	-13	-48.81	-75.22	-65.38	4.88	10.60	H
	3339	-62.07	-13	-49.07	-77.51	-67.00	5.52	12.60	H
	1669.5	-64.29	-13	-51.29	-73.50	-67.54	4.00	9.40	V
	2504.25	-58.89	-13	-45.89	-72.12	-62.46	4.88	10.60	V
	3339	-62.42	-13	-49.42	-77.42	-67.35	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

**Sample 2**

NB-IOT Category NB1:

Band 2 / 15KHz / BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3698.4	-59.58	-13	-46.58	-77.25	-66.34	5.82	12.58	H
	5547.6	-57.80	-13	-44.80	-79.34	-63.52	7.28	13.00	H
	7396.8	-54.44	-13	-41.44	-80.71	-57.60	8.32	11.48	H
	3698.4	-61.09	-13	-48.09	-78.09	-67.85	5.82	12.58	V
	5547.6	-58.52	-13	-45.52	-79.3	-64.24	7.28	13.00	V
	7396.8	-55.11	-13	-42.11	-80.65	-58.27	8.32	11.48	V
Middle	3758.2	-59.33	-13	-46.33	-77.18	-66.08	5.85	12.60	H
	5637.3	-57.69	-13	-44.69	-79.15	-63.49	7.30	13.10	H
	7516.4	-55.31	-13	-42.31	-80.72	-58.46	8.35	11.50	H
	3758.2	-60.56	-13	-47.56	-77.64	-67.31	5.85	12.60	V
	5637.3	-58.73	-13	-45.73	-79.13	-64.53	7.30	13.10	V
	7516.4	-55.88	-13	-42.88	-80.69	-59.03	8.35	11.50	V
Highest	3818	-59.61	-13	-46.61	-77.74	-66.35	5.88	12.62	H
	5727	-57.68	-13	-44.68	-79.55	-63.49	7.32	13.13	H
	7636	-55.24	-13	-42.24	-80.12	-58.40	8.38	11.54	H
	3818	-60.60	-13	-47.60	-77.88	-67.34	5.88	12.62	V
	5727	-58.86	-13	-45.86	-79.8	-64.67	7.32	13.13	V
	7636	-56.39	-13	-43.39	-80.76	-59.55	8.38	11.54	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Band 4 / 15KHz / BPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	3418.4	-61.77	-13	-48.77	-76.61	-68.65	5.60	12.48	H
	5127.6	-59.46	-13	-46.46	-81.17	-65.14	7.10	12.78	H
	6836.8	-57.41	-13	-44.41	-81.34	-60.80	8.38	11.77	H
	3418.4	-62.02	-13	-49.02	-76.36	-68.90	5.60	12.48	V
	5127.6	-60.30	-13	-47.30	-81.23	-65.98	7.10	12.78	V
	6836.8	-58.41	-13	-45.41	-81.35	-61.80	8.38	11.77	V
Middle	3467.8	-61.21	-13	-48.21	-76.73	-68.06	5.65	12.50	H
	5201.7	-59.13	-13	-46.13	-80.95	-64.80	7.13	12.80	H
	6935.6	-56.42	-13	-43.42	-80.09	-59.82	8.40	11.80	H
	3467.8	-61.77	-13	-48.77	-76.8	-68.62	5.65	12.50	V
	5201.7	-59.80	-13	-46.80	-80.55	-65.47	7.13	12.80	V
	6935.6	-57.23	-13	-44.23	-80.52	-60.63	8.40	11.80	V
Highest	3508	-60.83	-13	-47.83	-77.02	-67.67	5.68	12.52	H
	5262	-60.12	-13	-47.12	-80.76	-65.79	7.15	12.82	H
	7016	-56.81	-13	-43.81	-80.54	-60.24	8.42	11.85	H
	3508	-61.53	-13	-48.53	-77.24	-68.37	5.68	12.52	V
	5262	-61.13	-13	-48.13	-80.7	-66.80	7.15	12.82	V
	7016	-56.95	-13	-43.95	-80.64	-60.38	8.42	11.85	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Band 5 / 15KHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650.36	-64.56	-13	-51.56	-74.11	-67.81	4.00	9.40	H
	2475.54	-62.39	-13	-49.39	-75.81	-65.96	4.88	10.60	H
	3300.72	-61.66	-13	-48.66	-77.21	-66.59	5.52	12.60	H
	1650.36	-64.98	-13	-51.98	-74.01	-68.23	4.00	9.40	V
	2475.54	-62.82	-13	-49.82	-76.04	-66.39	4.88	10.60	V
	3300.72	-62.04	-13	-49.04	-77.20	-66.97	5.52	12.60	V
Middle	1675.16	-63.10	-13	-50.10	-73.00	-66.35	4.00	9.40	H
	2512.74	-61.04	-13	-48.04	-74.44	-64.61	4.88	10.60	H
	3350.32	-61.64	-13	-48.64	-77.08	-66.57	5.52	12.60	H
	1675.16	-63.86	-13	-50.86	-73.25	-67.11	4.00	9.40	V
	2512.74	-61.09	-13	-48.09	-74.32	-64.66	4.88	10.60	V
	3350.32	-62.35	-13	-49.35	-77.35	-67.28	5.52	12.60	V
Highest	1699.96	-63.46	-13	-50.46	-73.54	-66.71	4.00	9.40	H
	2549.94	-60.18	-13	-47.18	-73.60	-63.75	4.88	10.60	H
	3399.92	-63.15	-13	-50.15	-77.76	-68.08	5.52	12.60	H
	1699.96	-64.23	-13	-51.23	-73.81	-67.48	4.00	9.40	V
	2549.94	-60.03	-13	-47.03	-73.19	-63.60	4.88	10.60	V
	3399.92	-63.79	-13	-50.79	-77.89	-68.72	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Band 12 / 15KHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1400.36	-64.39	-13	-51.39	-74.16	-67.62	3.98	9.36	H
	2100.54	-44.71	-13	-31.71	-58.76	-48.26	4.85	10.55	H
	2800.72	-61.13	-13	-48.13	-75.25	-66.06	5.50	12.58	H
	1400.36	-62.52	-13	-49.52	-71.96	-65.75	3.98	9.36	V
	2100.54	-46.28	-13	-33.28	-60.00	-49.83	4.85	10.55	V
	2800.72	-61.84	-13	-48.84	-75.63	-66.77	5.50	12.58	V
Middle	1417.16	-63.87	-13	-50.87	-73.51	-67.12	4.00	9.40	H
	2125.74	-47.37	-13	-34.37	-61.56	-50.94	4.88	10.60	H
	2834.32	-61.30	-13	-48.30	-75.54	-66.23	5.52	12.60	H
	1417.16	-63.85	-13	-50.85	-73.15	-67.10	4.00	9.40	V
	2125.74	-50.77	-13	-37.77	-64.65	-54.34	4.88	10.60	V
	2834.32	-61.95	-13	-48.95	-75.84	-66.88	5.52	12.60	V
Highest	1433.96	-61.17	-13	-48.17	-70.80	-64.34	4.10	9.42	H
	2150.94	-44.05	-13	-31.05	-58.50	-47.63	4.90	10.63	H
	2867.92	-61.39	-13	-48.39	-75.74	-66.31	5.55	12.62	H
	1433.96	-64.28	-13	-51.28	-73.54	-67.45	4.10	9.42	V
	2150.94	-47.65	-13	-34.65	-61.84	-51.23	4.90	10.63	V
	2867.92	-61.21	-13	-48.21	-75.19	-66.13	5.55	12.62	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

LTE Band 13 / 15KHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1566.16	-64.65	-42.15	-22.50	-73.79	-67.90	4.00	9.40	H
	2349.24	-50.26	-13	-37.26	-64.10	-53.83	4.88	10.60	H
	3132.32	-60.89	-13	-47.89	-76.33	-65.82	5.52	12.60	H
	1566.16	-64.82	-42.15	-22.67	-73.47	-68.07	4.00	9.40	V
	2349.24	-55.17	-13	-42.17	-68.76	-58.74	4.88	10.60	V
	3132.32	-61.06	-13	-48.06	-76.15	-65.99	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.



Band 26 / 15KHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1650.36	-62.47	-13	-49.47	-72.02	-65.72	4.00	9.40	H
	2475.54	-57.96	-13	-44.96	-71.38	-61.53	4.88	10.60	H
	3300.72	-61.84	-13	-48.84	-77.39	-66.77	5.52	12.60	H
	1650.36	-64.64	-13	-51.64	-73.67	-67.89	4.00	9.40	V
	2475.54	-56.20	-13	-43.20	-69.42	-59.77	4.88	10.60	V
	3300.72	-62.22	-13	-49.22	-77.38	-67.15	5.52	12.60	V
Middle	1675.16	-63.81	-13	-50.81	-73.71	-67.06	4.00	9.40	H
	2512.74	-62.17	-13	-49.17	-75.57	-65.74	4.88	10.60	H
	3350.32	-61.85	-13	-48.85	-77.29	-66.78	5.52	12.60	H
	1675.16	-65.00	-13	-52.00	-74.39	-68.25	4.00	9.40	V
	2512.74	-62.15	-13	-49.15	-75.38	-65.72	4.88	10.60	V
	3350.32	-62.32	-13	-49.32	-77.32	-67.25	5.52	12.60	V
Highest	1699.96	-61.16	-13	-48.16	-71.24	-64.41	4.00	9.40	H
	2549.94	-62.45	-13	-49.45	-75.87	-66.02	4.88	10.60	H
	3399.92	-63.13	-13	-50.13	-77.74	-68.06	5.52	12.60	H
	1699.96	-64.64	-13	-51.64	-74.22	-67.89	4.00	9.40	V
	2549.94	-53.90	-13	-40.90	-67.06	-57.47	4.88	10.60	V
	3399.92	-63.93	-13	-50.93	-78.03	-68.86	5.52	12.60	V

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.