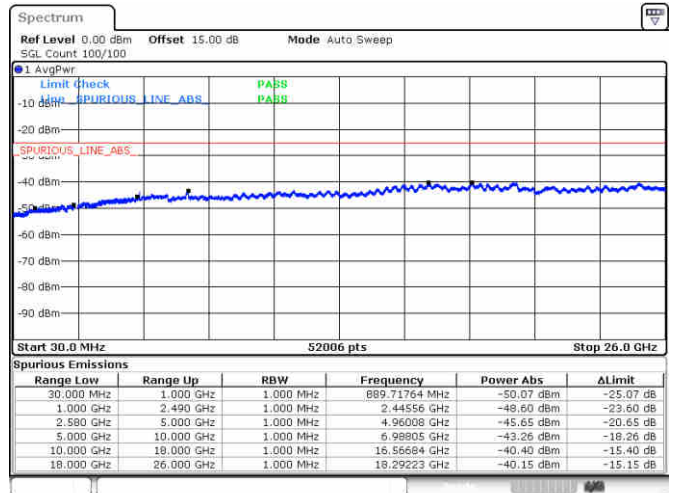
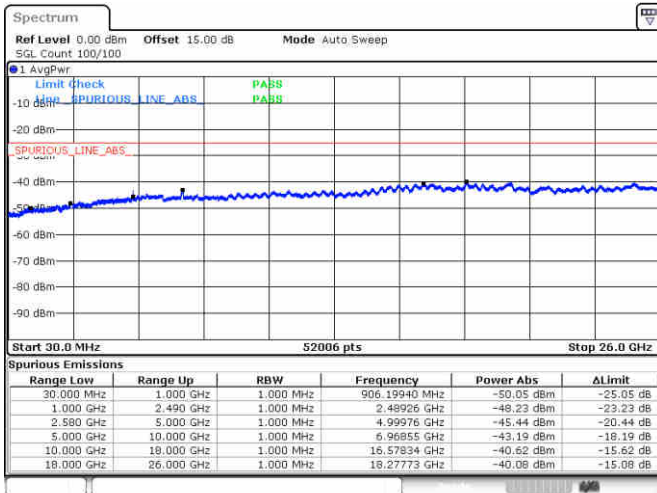




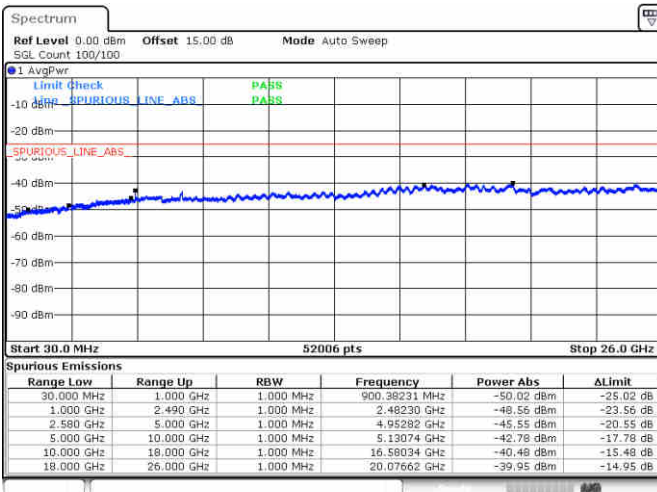
LTE Band 7 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

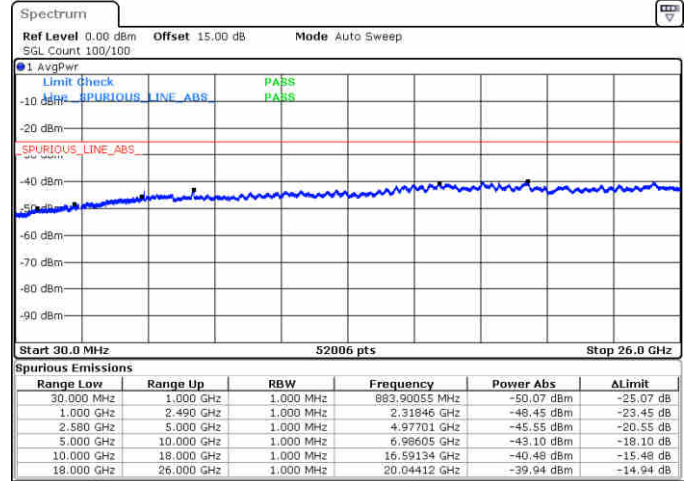
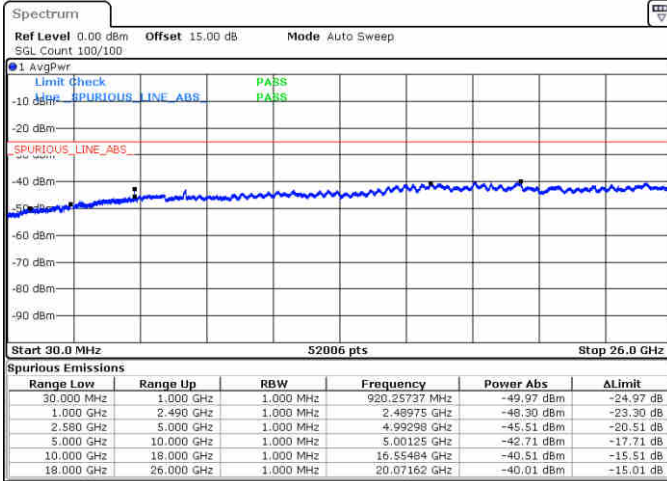




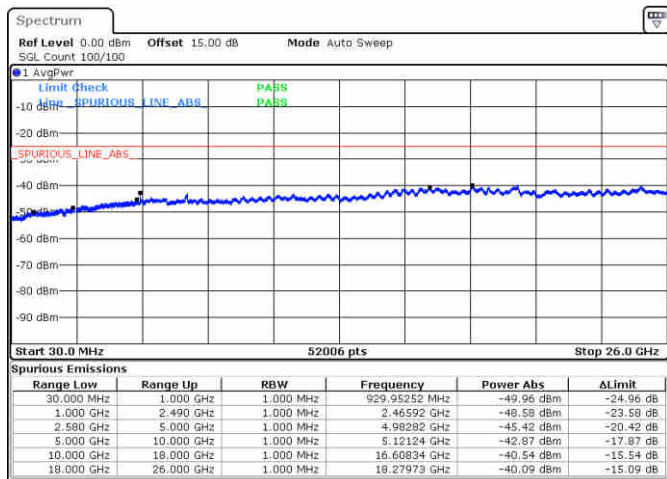
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

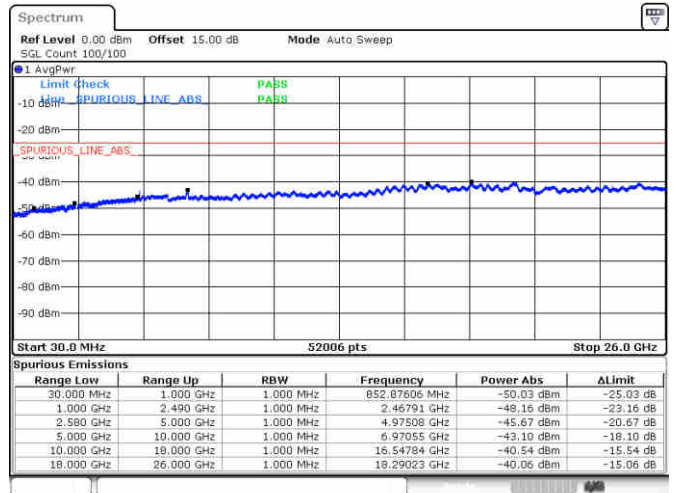
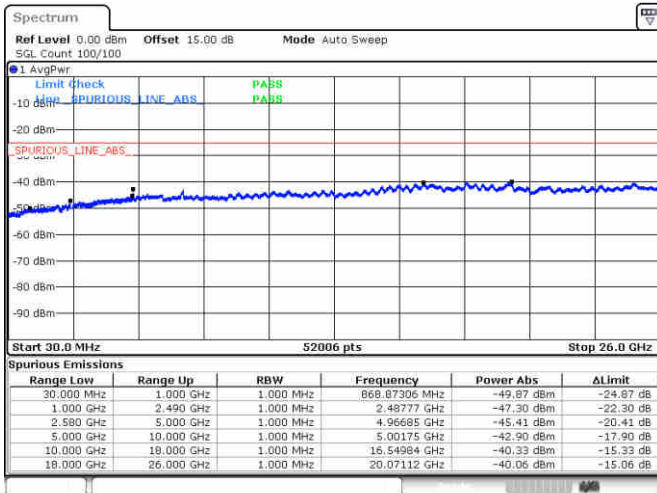




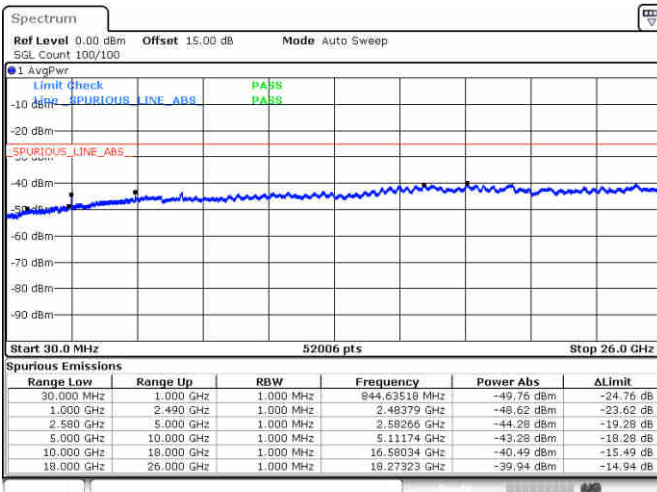
LTE Band 7 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM

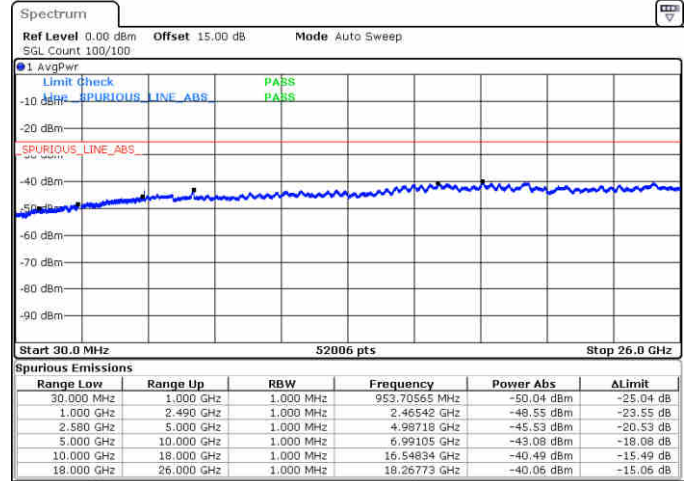
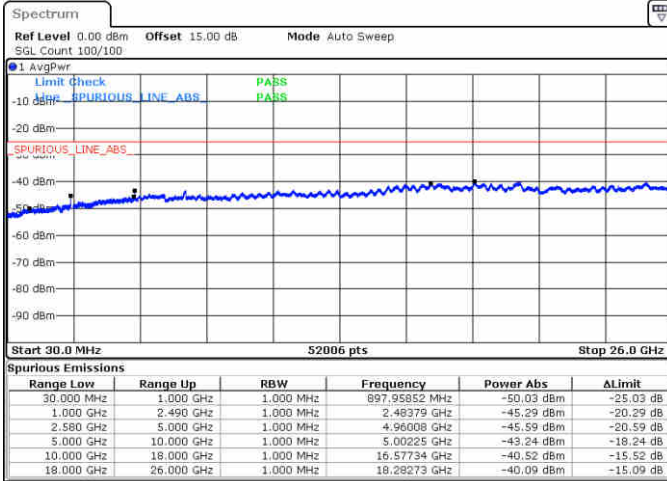




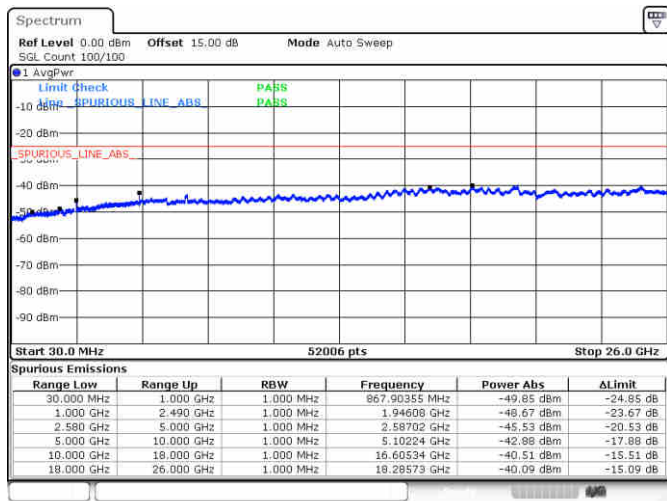
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



Highest Channel / 64QAM



**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0012	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0011	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0020	
30	Normal Voltage	0.0013	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0020	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0017	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0024	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0003	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0005	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Top Antenna:

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)
Middle	3758.92	-57.50	-13	-44.50	-79.44	-64.25	5.85	12.60	H
	5638.38	-57.77	-13	-44.77	-81.39	-63.57	7.30	13.10	H
	7517.84	-55.75	-13	-42.75	-81.68	-58.90	8.35	11.50	H
	3758.92	-54.99	-13	-41.99	-80.09	-61.74	5.85	12.60	V
	5638.38	-57.46	-13	-44.46	-81.23	-63.26	7.30	13.10	V
	7517.84	-55.86	-13	-42.86	-81.78	-59.01	8.35	11.50	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)
Middle	3757.48	-57.69	-13	-44.69	-79.63	-64.44	5.85	12.60	H
	5636.22	-57.63	-13	-44.63	-81.25	-63.43	7.30	13.10	H
	7514.96	-55.78	-13	-42.78	-81.72	-58.93	8.35	11.50	H
	3757.48	-54.73	-13	-41.73	-79.83	-61.48	5.85	12.60	V
	5636.22	-57.60	-13	-44.60	-81.37	-63.40	7.30	13.10	V
	7514.96	-55.89	-13	-42.89	-81.82	-59.04	8.35	11.50	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)
Middle	3755.68	-57.33	-13	-44.33	-79.27	-64.08	5.85	12.60	H
	5633.52	-57.77	-13	-44.77	-81.39	-63.57	7.30	13.10	H
	7511.36	-55.72	-13	-42.72	-81.66	-58.87	8.35	11.50	H
	3755.68	-55.10	-13	-42.10	-80.2	-61.85	5.85	12.60	V
	5633.52	-57.33	-13	-44.33	-81.1	-63.13	7.30	13.10	V
	7511.36	-55.80	-13	-42.80	-81.73	-58.95	8.35	11.50	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)
Middle	3751.18	-57.93	-13	-44.93	-79.87	-64.68	5.85	12.60	H
	5626.77	-57.66	-13	-44.66	-81.36	-63.46	7.30	13.10	H
	7502	-55.15	-13	-42.15	-81.15	-58.30	8.35	11.50	H
	3751.18	-55.29	-13	-42.29	-80.39	-62.04	5.85	12.60	V
	5626.77	-57.49	-13	-44.49	-81.69	-63.29	7.30	13.10	V
	7502	-55.97	-13	-42.97	-81.96	-59.12	8.35	11.50	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)
Middle	3746.68	-57.72	-13	-44.72	-79.66	-64.47	5.85	12.60	H
	5620.02	-57.57	-13	-44.57	-81.27	-63.37	7.30	13.10	H
	7493.36	-55.93	-13	-42.93	-81.93	-59.08	8.35	11.50	H
	3746.68	-55.25	-13	-42.25	-80.35	-62.00	5.85	12.60	V
	5620.02	-57.10	-13	-44.10	-81.3	-62.90	7.30	13.10	V
	7493.36	-55.52	-13	-42.52	-81.51	-58.67	8.35	11.50	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)
Middle	3742.18	-57.66	-13	-44.66	-80.15	-64.41	5.85	12.60	H
	5613.27	-57.39	-13	-44.39	-81.17	-63.19	7.30	13.10	H
	7484.36	-55.78	-13	-42.78	-81.85	-58.93	8.35	11.50	H
	3742.18	-55.11	-13	-42.11	-79.61	-61.86	5.85	12.60	V
	5613.27	-56.85	-13	-43.85	-81.48	-62.65	7.30	13.10	V
	7484.36	-55.99	-13	-42.99	-82.04	-59.14	8.35	11.50	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)
Middle	3463.74	-56.14	-13	-43.14	-77.68	-62.99	5.65	12.50	H
	5195.61	-57.93	-13	-44.93	-81.53	-63.60	7.13	12.80	H
	6927.48	-56.16	-13	-43.16	-81.31	-59.56	8.40	11.80	H
	3463.74	-55.99	-13	-42.99	-77.33	-62.84	5.65	12.50	V
	5195.61	-57.53	-13	-44.53	-81.4	-63.20	7.13	12.80	V
	6927.48	-55.08	-13	-42.08	-81.15	-58.48	8.40	11.80	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)
Middle	3462.48	-56.53	-13	-43.53	-78.07	-63.38	5.65	12.50	H
	5193.72	-57.62	-13	-44.62	-81.22	-63.29	7.13	12.80	H
	6924.96	-55.99	-13	-42.99	-81.14	-59.39	8.40	11.80	H
	3462.48	-56.01	-13	-43.01	-77.35	-62.86	5.65	12.50	V
	5193.72	-57.20	-13	-44.20	-81.07	-62.87	7.13	12.80	V
	6924.96	-55.17	-13	-42.17	-81.24	-58.57	8.40	11.80	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)
Middle	3460.68	-56.33	-13	-43.33	-77.87	-63.18	5.65	12.50	H
	5191.02	-57.64	-13	-44.64	-81.24	-63.31	7.13	12.80	H
	6921.36	-55.98	-13	-42.98	-81.09	-59.38	8.40	11.80	H
	3460.68	-56.25	-13	-43.25	-77.59	-63.10	5.65	12.50	V
	5191.02	-57.53	-13	-44.53	-81.4	-63.20	7.13	12.80	V
	6921.36	-55.08	-13	-42.08	-81.29	-58.48	8.40	11.80	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)
Middle	3456.18	-56.37	-13	-43.37	-77.11	-63.22	5.65	12.50	H
	5184.27	-57.58	-13	-44.58	-81.06	-63.25	7.13	12.80	H
	6912.36	-55.83	-13	-42.83	-80.94	-59.23	8.40	11.80	H
	3456.18	-56.38	-13	-43.38	-78.06	-63.23	5.65	12.50	V
	5184.27	-57.38	-13	-44.38	-81.25	-63.05	7.13	12.80	V
	6912.36	-55.01	-13	-42.01	-81.22	-58.41	8.40	11.80	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)
Middle	3451.68	-56.46	-13	-43.46	-77.20	-63.31	5.65	12.50	H
	5177.52	-57.86	-13	-44.86	-81.34	-63.53	7.13	12.80	H
	6903.36	-56.08	-13	-43.08	-81.16	-59.48	8.40	11.80	H
	3451.68	-56.21	-13	-43.21	-77.89	-63.06	5.65	12.50	V
	5177.52	-57.58	-13	-44.58	-81.45	-63.25	7.13	12.80	V
	6903.36	-54.74	-13	-41.74	-81.1	-58.14	8.40	11.80	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)
Middle	3447.18	-56.46	-13	-43.46	-77.20	-63.31	5.65	12.50	H
	5170.77	-57.74	-13	-44.74	-81.10	-63.41	7.13	12.80	H
	6894.36	-56.03	-13	-43.03	-81.12	-59.43	8.40	11.80	H
	3447.18	-55.93	-13	-42.93	-77.61	-62.78	5.65	12.50	V
	5170.77	-57.28	-13	-44.28	-81.14	-62.95	7.13	12.80	V
	6894.36	-54.71	-13	-41.71	-81.08	-58.11	8.40	11.80	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)
Middle	1671.92	-66.06	-13	-53.06	-77.00	-70.47	2.84	9.40	H
	2507.88	-59.58	-13	-46.58	-78.18	-64.33	3.7	10.60	H
	3343.84	-58.84	-13	-45.84	-79.45	-64.92	4.37	12.60	H
	1671.92	-65.70	-13	-52.70	-77.35	-70.11	2.84	9.40	V
	2507.88	-59.44	-13	-46.44	-78.25	-64.19	3.70	10.60	V
	3343.84	-58.25	-13	-45.25	-79.16	-64.33	4.37	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)
Middle	1670.48	-66.28	-13	-53.28	-77.16	-70.69	2.84	9.40	H
	2505.72	-59.56	-13	-46.56	-78.16	-64.31	3.7	10.60	H
	3340.96	-58.47	-13	-45.47	-79.08	-64.55	4.37	12.60	H
	1670.48	-65.75	-13	-52.75	-77.30	-70.16	2.84	9.40	V
	2505.72	-59.58	-13	-46.58	-78.39	-64.33	3.70	10.60	V
	3340.96	-58.22	-13	-45.22	-79.13	-64.30	4.37	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)
Middle	1668.68	-66.04	-13	-53.04	-76.92	-70.45	2.84	9.40	H
	2503.02	-59.79	-13	-46.79	-78.26	-64.54	3.7	10.60	H
	3337.36	-58.70	-13	-45.70	-79.21	-64.78	4.37	12.60	H
	1668.68	-65.57	-13	-52.57	-77.12	-69.98	2.84	9.40	V
	2503.02	-59.34	-13	-46.34	-78.07	-64.09	3.70	10.60	V
	3337.36	-57.45	-13	-44.45	-78.46	-63.53	4.37	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)
Middle	1664.18	-66.51	-13	-53.51	-77.39	-70.92	2.84	9.40	H
	2496.27	-59.89	-13	-46.89	-78.36	-64.64	3.7	10.60	H
	3328.36	-58.57	-13	-45.57	-79.08	-64.65	4.37	12.60	H
	1664.18	-65.67	-13	-52.67	-77.22	-70.08	2.84	9.40	V
	2496.27	-59.24	-13	-46.24	-77.97	-63.99	3.70	10.60	V
	3328.36	-58.27	-13	-45.27	-79.28	-64.35	4.37	12.60	V

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



LTE Band 7 / 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)
Middle	5065.68	-58.06	-25	-33.06	-80.69	-63.62	7.14	12.70	H
	7598.52	-55.69	-25	-30.69	-81.30	-58.99	8.30	11.60	H
	10131.36	-53.18	-25	-28.18	-82.55	-54.70	10.48	12.00	H
	5065.68	-57.24	-25	-32.24	-81.08	-62.80	7.14	12.70	V
	7598.52	-55.56	-25	-30.56	-81.17	-58.86	8.30	11.60	V
	10131.36	-52.49	-25	-27.49	-82.91	-54.01	10.48	12.00	V

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

LTE Band 7 / 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)
Middle	5061.18	-58.42	-25	-33.42	-81.05	-63.98	7.14	12.70	H
	7591.77	-56.05	-25	-31.05	-81.66	-59.35	8.30	11.60	H
	10122.36	-52.95	-25	-27.95	-82.32	-54.47	10.48	12.00	H
	5061.18	-56.86	-25	-31.86	-80.7	-62.42	7.14	12.70	V
	7591.77	-55.59	-25	-30.59	-81.2	-58.89	8.30	11.60	V
	10122.36	-52.28	-25	-27.28	-82.7	-53.80	10.48	12.00	V

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



LTE Band 7 / 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)
Middle	5056.68	-58.41	-25	-33.41	-81.04	-63.97	7.14	12.70	H
	7585.02	-55.79	-25	-30.79	-81.47	-59.09	8.30	11.60	H
	10113.36	-53.41	-25	-28.41	-82.76	-54.93	10.48	12.00	H
	5056.68	-57.04	-25	-32.04	-80.88	-62.60	7.14	12.70	V
	7585.02	-56.04	-25	-31.04	-81.72	-59.34	8.30	11.60	V
	10113.36	-52.34	-25	-27.34	-82.67	-53.86	10.48	12.00	V

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

LTE Band 7 / 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)
Middle	5052.18	-58.15	-25	-33.15	-80.66	-63.71	7.14	12.70	H
	7578.27	-55.94	-25	-30.94	-81.62	-59.24	8.30	11.60	H
	10104.36	-53.49	-25	-28.49	-82.84	-55.01	10.48	12.00	H
	5052.18	-56.77	-25	-31.77	-80.61	-62.33	7.14	12.70	V
	7578.27	-55.82	-25	-30.82	-81.5	-59.12	8.30	11.60	V
	10104.36	-52.35	-25	-27.35	-82.68	-53.87	10.48	12.00	V

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



Bottom Antenna:

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)
Middle	3758.92	-57.90	-13	-44.90	-79.84	-64.65	5.85	12.60	H
	5638.38	-58.19	-13	-45.19	-81.81	-63.99	7.30	13.10	H
	7517.84	-56.19	-13	-43.19	-82.12	-59.34	8.35	11.50	H
	3758.92	-55.20	-13	-42.20	-80.3	-61.95	5.85	12.60	V
	5638.38	-57.42	-13	-44.42	-81.19	-63.22	7.30	13.10	V
	7517.84	-56.38	-13	-43.38	-82.3	-59.53	8.35	11.50	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)
Middle	3757.48	-58.31	-13	-45.31	-80.25	-65.06	5.85	12.60	H
	5636.22	-57.89	-13	-44.89	-81.51	-63.69	7.30	13.10	H
	7514.96	-56.58	-13	-43.58	-82.52	-59.73	8.35	11.50	H
	3757.48	-55.12	-13	-42.12	-80.22	-61.87	5.85	12.60	V
	5636.22	-57.89	-13	-44.89	-81.66	-63.69	7.30	13.10	V
	7514.96	-56.24	-13	-43.24	-82.17	-59.39	8.35	11.50	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)
Middle	3755.68	-58.01	-13	-45.01	-79.95	-64.76	5.85	12.60	H
	5633.52	-58.41	-13	-45.41	-82.03	-64.21	7.30	13.10	H
	7511.36	-56.53	-13	-43.53	-82.47	-59.68	8.35	11.50	H
	3755.68	-54.94	-13	-41.94	-80.04	-61.69	5.85	12.60	V
	5633.52	-57.48	-13	-44.48	-81.25	-63.28	7.30	13.10	V
	7511.36	-56.49	-13	-43.49	-82.42	-59.64	8.35	11.50	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)
Middle	3751.18	-58.06	-13	-45.06	-80.00	-64.81	5.85	12.60	H
	5626.77	-57.81	-13	-44.81	-81.51	-63.61	7.30	13.10	H
	7502	-56.47	-13	-43.47	-82.47	-59.62	8.35	11.50	H
	3751.18	-55.31	-13	-42.31	-80.41	-62.06	5.85	12.60	V
	5626.77	-57.49	-13	-44.49	-81.69	-63.29	7.30	13.10	V
	7502	-56.62	-13	-43.62	-82.61	-59.77	8.35	11.50	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)
Middle	3746.68	-57.93	-13	-44.93	-79.87	-64.68	5.85	12.60	H
	5620.02	-58.14	-13	-45.14	-81.84	-63.94	7.30	13.10	H
	7493.36	-56.30	-13	-43.30	-82.30	-59.45	8.35	11.50	H
	3746.68	-55.21	-13	-42.21	-80.31	-61.96	5.85	12.60	V
	5620.02	-57.43	-13	-44.43	-81.63	-63.23	7.30	13.10	V
	7493.36	-56.87	-13	-43.87	-82.86	-60.02	8.35	11.50	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)
Middle	3742.18	-57.91	-13	-44.91	-80.40	-64.66	5.85	12.60	H
	5613.27	-58.20	-13	-45.20	-81.98	-64.00	7.30	13.10	H
	7484.36	-56.81	-13	-43.81	-82.88	-59.96	8.35	11.50	H
	3742.18	-55.33	-13	-42.33	-79.83	-62.08	5.85	12.60	V
	5613.27	-57.26	-13	-44.26	-81.89	-63.06	7.30	13.10	V
	7484.36	-56.90	-13	-43.90	-82.95	-60.05	8.35	11.50	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)
Middle	3463.74	-57.29	-13	-44.29	-78.83	-64.14	5.65	12.50	H
	5195.61	-58.00	-13	-45.00	-81.60	-63.67	7.13	12.80	H
	6927.48	-56.18	-13	-43.18	-81.33	-59.58	8.40	11.80	H
	3463.74	-56.99	-13	-43.99	-78.33	-63.84	5.65	12.50	V
	5195.61	-57.87	-13	-44.87	-81.74	-63.54	7.13	12.80	V
	6927.48	-55.34	-13	-42.34	-81.41	-58.74	8.40	11.80	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)
Middle	3462.48	-57.33	-13	-44.33	-78.87	-64.18	5.65	12.50	H
	5193.72	-58.03	-13	-45.03	-81.63	-63.70	7.13	12.80	H
	6924.96	-56.18	-13	-43.18	-81.33	-59.58	8.40	11.80	H
	3462.48	-57.06	-13	-44.06	-78.4	-63.91	5.65	12.50	V
	5193.72	-57.68	-13	-44.68	-81.55	-63.35	7.13	12.80	V
	6924.96	-55.47	-13	-42.47	-81.54	-58.87	8.40	11.80	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)
Middle	3460.68	-57.57	-13	-44.57	-79.11	-64.42	5.65	12.50	H
	5191.02	-58.13	-13	-45.13	-81.73	-63.80	7.13	12.80	H
	6921.36	-56.44	-13	-43.44	-81.55	-59.84	8.40	11.80	H
	3460.68	-57.25	-13	-44.25	-78.59	-64.10	5.65	12.50	V
	5191.02	-58.01	-13	-45.01	-81.88	-63.68	7.13	12.80	V
	6921.36	-55.63	-13	-42.63	-81.84	-59.03	8.40	11.80	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)
Middle	3456.18	-57.70	-13	-44.70	-78.44	-64.55	5.65	12.50	H
	5184.27	-58.12	-13	-45.12	-81.60	-63.79	7.13	12.80	H
	6912.36	-56.28	-13	-43.28	-81.39	-59.68	8.40	11.80	H
	3456.18	-57.29	-13	-44.29	-78.97	-64.14	5.65	12.50	V
	5184.27	-57.69	-13	-44.69	-81.56	-63.36	7.13	12.80	V
	6912.36	-55.48	-13	-42.48	-81.69	-58.88	8.40	11.80	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)
Middle	3451.68	-57.53	-13	-44.53	-78.27	-64.38	5.65	12.50	H
	5177.52	-58.14	-13	-45.14	-81.62	-63.81	7.13	12.80	H
	6903.36	-56.64	-13	-43.64	-81.72	-60.04	8.40	11.80	H
	3451.68	-57.71	-13	-44.71	-79.39	-64.56	5.65	12.50	V
	5177.52	-57.99	-13	-44.99	-81.86	-63.66	7.13	12.80	V
	6903.36	-55.48	-13	-42.48	-81.84	-58.88	8.40	11.80	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)
Middle	3447.18	-57.99	-13	-44.99	-78.73	-64.84	5.65	12.50	H
	5170.77	-58.60	-13	-45.60	-81.96	-64.27	7.13	12.80	H
	6894.36	-56.66	-13	-43.66	-81.75	-60.06	8.40	11.80	H
	3447.18	-57.33	-13	-44.33	-79.01	-64.18	5.65	12.50	V
	5170.77	-58.02	-13	-45.02	-81.88	-63.69	7.13	12.80	V
	6894.36	-54.79	-13	-41.79	-81.16	-58.19	8.40	11.80	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)
Middle	1671.92	-65.31	-13	-52.31	-76.25	-69.72	2.84	9.40	H
	2507.88	-59.94	-13	-46.94	-78.54	-64.69	3.7	10.60	H
	3343.84	-58.95	-13	-45.95	-79.56	-65.03	4.37	12.60	H
	1671.92	-64.79	-13	-51.79	-76.44	-69.20	2.84	9.40	V
	2507.88	-59.78	-13	-46.78	-78.59	-64.53	3.70	10.60	V
	3343.84	-57.85	-13	-44.85	-78.76	-63.93	4.37	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)
Middle	1670.48	-65.13	-13	-52.13	-76.01	-69.54	2.84	9.40	H
	2505.72	-59.68	-13	-46.68	-78.28	-64.43	3.7	10.60	H
	3340.96	-58.57	-13	-45.57	-79.18	-64.65	4.37	12.60	H
	1670.48	-64.35	-13	-51.35	-75.90	-68.76	2.84	9.40	V
	2505.72	-59.81	-13	-46.81	-78.62	-64.56	3.70	10.60	V
	3340.96	-58.39	-13	-45.39	-79.30	-64.47	4.37	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)
Middle	1668.68	-65.37	-13	-52.37	-76.25	-69.78	2.84	9.40	H
	2503.02	-59.97	-13	-46.97	-78.44	-64.72	3.7	10.60	H
	3337.36	-58.69	-13	-45.69	-79.20	-64.77	4.37	12.60	H
	1668.68	-64.49	-13	-51.49	-76.04	-68.90	2.84	9.40	V
	2503.02	-59.74	-13	-46.74	-78.47	-64.49	3.70	10.60	V
	3337.36	-58.24	-13	-45.24	-79.25	-64.32	4.37	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)
Middle	1664.18	-64.81	-13	-51.81	-75.69	-69.22	2.84	9.40	H
	2496.27	-59.98	-13	-46.98	-78.45	-64.73	3.7	10.60	H
	3328.36	-58.30	-13	-45.30	-78.81	-64.38	4.37	12.60	H
	1664.18	-64.30	-13	-51.30	-75.85	-68.71	2.84	9.40	V
	2496.27	-59.15	-13	-46.15	-77.88	-63.90	3.70	10.60	V
	3328.36	-57.80	-13	-44.80	-78.81	-63.88	4.37	12.60	V

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



LTE Band 7 / 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)
Middle	5065.68	-58.74	-25	-33.74	-81.37	-64.30	7.14	12.70	H
	7598.52	-56.74	-25	-31.74	-82.35	-60.04	8.30	11.60	H
	10131.36	-53.68	-25	-28.68	-83.05	-55.20	10.48	12.00	H
	5065.68	-57.73	-25	-32.73	-81.57	-63.29	7.14	12.70	V
	7598.52	-56.71	-25	-31.71	-82.32	-60.01	8.30	11.60	V
	10131.36	-52.90	-25	-27.90	-83.32	-54.42	10.48	12.00	V

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

LTE Band 7 / 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)
Middle	5061.18	-58.97	-25	-33.97	-81.60	-64.53	7.14	12.70	H
	7591.77	-56.94	-25	-31.94	-82.55	-60.24	8.30	11.60	H
	10122.36	-53.52	-25	-28.52	-82.89	-55.04	10.48	12.00	H
	5061.18	-57.97	-25	-32.97	-81.81	-63.53	7.14	12.70	V
	7591.77	-56.75	-25	-31.75	-82.36	-60.05	8.30	11.60	V
	10122.36	-52.69	-25	-27.69	-83.11	-54.21	10.48	12.00	V

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



LTE Band 7 / 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)
Middle	5056.68	-58.83	-25	-33.83	-81.46	-64.39	7.14	12.70	H
	7585.02	-56.85	-25	-31.85	-82.53	-60.15	8.30	11.60	H
	10113.36	-54.43	-25	-29.43	-83.78	-55.95	10.48	12.00	H
	5056.68	-57.92	-25	-32.92	-81.76	-63.48	7.14	12.70	V
	7585.02	-56.89	-25	-31.89	-82.57	-60.19	8.30	11.60	V
	10113.36	-52.78	-25	-27.78	-83.11	-54.30	10.48	12.00	V

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

LTE Band 7 / 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)
Middle	5052.18	-58.90	-25	-33.90	-81.41	-64.46	7.14	12.70	H
	7578.27	-56.79	-25	-31.79	-82.47	-60.09	8.30	11.60	H
	10104.36	-54.08	-25	-29.08	-83.43	-55.60	10.48	12.00	H
	5052.18	-57.96	-25	-32.96	-81.8	-63.52	7.14	12.70	V
	7578.27	-56.64	-25	-31.64	-82.32	-59.94	8.30	11.60	V
	10104.36	-53.53	-25	-28.53	-83.86	-55.05	10.48	12.00	V

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