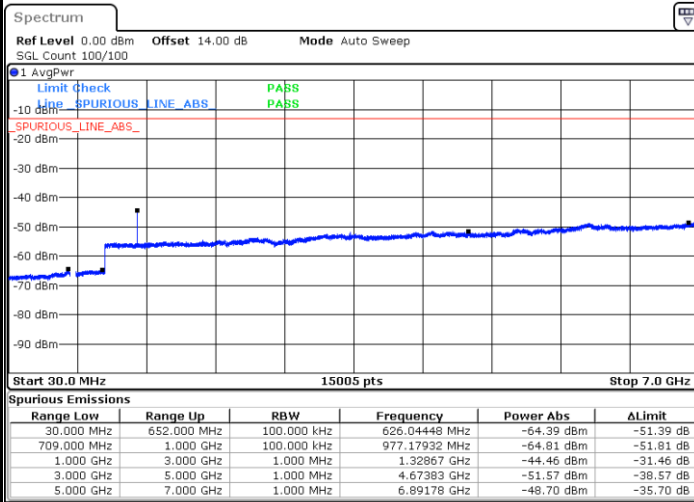




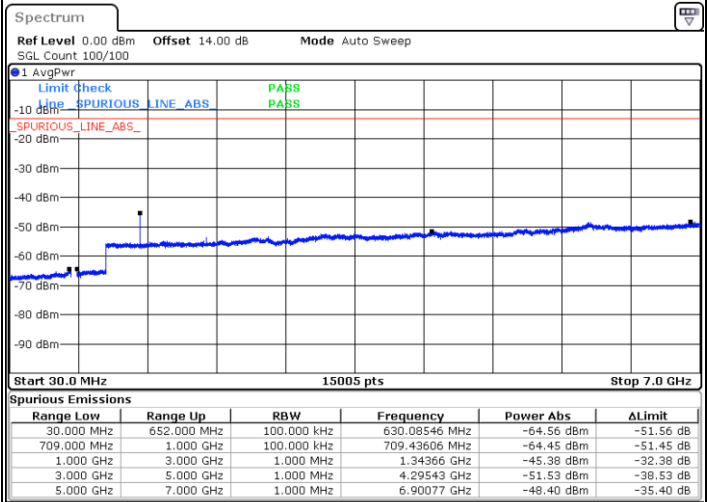
LTE Band 71 / 20MHz

Lowest Channel / 64QAM



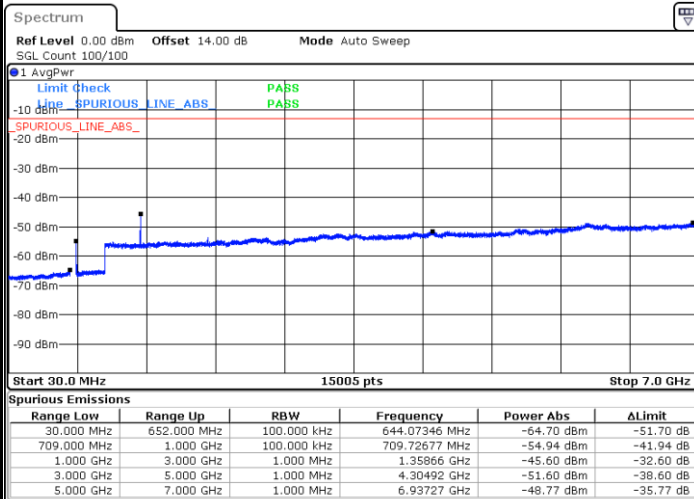
Date: 10 JUN 2020 23:20:01

Middle Channel / 64QAM



Date: 10 JUN 2020 23:25:25

Highest Channel / 64QAM



Date: 10 JUN 2020 23:28:43

**Frequency Stability**

Test Conditions		LTE Band 71 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0049	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0051	
-10	Normal Voltage	0.0021	
-20	Normal Voltage	0.0044	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0157	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.35 V.
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 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)
Lowest	5002.18	-38.58	-25	-13.58	-60.07	-44.14	7.12	12.68	H
	7503.27	-53.88	-25	-28.88	-79.29	-57.21	8.26	11.59	H
	10004.36	-51.47	-25	-26.47	-80.55	-53.00	10.45	11.98	H
	5002.18	-41.23	-25	-16.23	-62.51	-46.79	7.12	12.68	V
	7503.27	-54.41	-25	-29.41	-79.22	-57.74	8.26	11.59	V
	10004.36	-49.92	-25	-24.92	-80.34	-51.45	10.45	11.98	V
Middle	5052.18	-37.11	-25	-12.11	-58.68	-42.67	7.14	12.70	H
	7578.27	-54.74	-25	-29.74	-79.68	-58.04	8.30	11.60	H
	10104.36	-51.16	-25	-26.16	-80.59	-52.68	10.48	12.00	H
	5052.18	-39.37	-25	-14.37	-60.52	-44.93	7.14	12.70	V
	7578.27	-54.86	-25	-29.86	-79.28	-58.16	8.30	11.60	V
	10104.36	-50.07	-25	-25.07	-80.6	-51.59	10.48	12.00	V
Highest	5102.18	-39.36	-25	-14.36	-61.01	-44.92	7.16	12.72	H
	7653.27	-54.31	-25	-29.31	-79.22	-57.61	8.33	11.63	H
	10204.36	-50.53	-25	-25.53	-80.25	-52.13	10.50	12.10	H
	5102.18	-41.62	-25	-16.62	-62.63	-47.18	7.16	12.72	V
	7653.27	-54.52	-25	-29.52	-78.91	-57.82	8.33	11.63	V
	10204.36	-49.59	-25	-24.59	-80.21	-51.19	10.50	12.10	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	-63.62	-13	-50.62	-73.26	-66.85	3.98	9.36	H
	2098.5	-61.61	-13	-48.61	-75.66	-65.16	4.85	10.55	H
	2798	-61.95	-13	-48.95	-76.07	-66.88	5.50	12.58	H
	1399	-63.96	-13	-50.96	-73.29	-67.19	3.98	9.36	V
	2098.5	-61.97	-13	-48.97	-75.69	-65.52	4.85	10.55	V
	2798	-62.75	-13	-49.75	-76.54	-67.68	5.50	12.58	V
Middle	1406	-63.69	-13	-50.69	-73.46	-66.94	4.00	9.40	H
	2109	-61.73	-13	-48.73	-75.78	-65.30	4.88	10.60	H
	2812	-62.10	-13	-49.10	-76.27	-67.03	5.52	12.60	H
	1406	-63.35	-13	-50.35	-72.79	-66.60	4.00	9.40	V
	1406	-63.35	-13	-50.35	-72.79	-66.92	4.88	10.60	V
	2109	-62.01	-13	-49.01	-75.73	-66.94	5.52	12.60	V
Highest	1413	-63.59	-13	-50.59	-73.36	-66.76	4.10	9.42	H
	2119.5	-61.95	-13	-48.95	-76.14	-65.53	4.90	10.63	H
	2826	-62.19	-13	-49.19	-76.37	-67.11	5.55	12.62	H
	1413	-63.89	-13	-50.89	-73.33	-67.06	4.10	9.42	V
	2119.5	-62.23	-13	-49.23	-76.11	-65.81	4.90	10.63	V
	2826	-62.65	-13	-49.65	-76.50	-67.57	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	-67.27	-13	-54.27	-77.63	-70.50	3.98	9.36	H
	2331.75	-61.70	-13	-48.70	-79.38	-65.25	4.85	10.55	H
	3109	-59.96	-13	-46.96	-79.46	-64.89	5.50	12.58	H
	1554.5	-66.78	-13	-53.78	-77.76	-70.01	3.98	9.36	V
	2331.75	-61.58	-13	-48.58	-79.54	-65.13	4.85	10.55	V
	3109	-57.87	-13	-44.87	-79.10	-62.80	5.50	12.58	V
Middle	1559.5	-66.93	-42.15	-24.78	-77.29	-70.18	4.00	9.40	H
	2339.25	-61.53	-13	-48.53	-79.21	-65.10	4.88	10.60	H
	3119	-60.10	-13	-47.10	-79.64	-65.03	5.52	12.60	H
	1559.5	-66.52	-42.15	-24.37	-77.50	-69.77	4.00	9.40	V
	2339.25	-61.02	-13	-48.02	-79.07	-64.59	4.88	10.60	V
	3119	-58.22	-13	-45.22	-79.56	-63.15	5.52	12.60	V
Highest	1564.5	-67.04	-42.15	-24.89	-77.40	-70.21	4.10	9.42	H
	2346.75	-61.82	-13	-48.82	-79.50	-65.40	4.90	10.63	H
	3129	-59.95	-13	-46.95	-79.49	-64.87	5.55	12.62	H
	1564.5	-66.73	-42.15	-24.58	-77.71	-69.90	4.10	9.42	V
	2346.75	-61.38	-13	-48.38	-79.43	-64.96	4.90	10.63	V
	3129	-58.30	-13	-45.30	-79.64	-63.22	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	1559.5	-67.21	-42.15	-25.06	-77.57	-70.46	4.00	9.40	H
	2339.25	-61.57	-13	-48.57	-79.25	-65.14	4.88	10.60	H
	3119	-59.70	-13	-46.70	-79.24	-64.63	5.52	12.60	H
	1559.5	-66.34	-42.15	-24.19	-77.32	-69.59	4.00	9.40	V
	2339.25	-60.98	-13	-47.98	-79.03	-64.55	4.88	10.60	V
	3119	-57.54	-13	-44.54	-78.88	-62.47	5.52	12.60	V

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



LTE Band 25 / 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	-59.38	-13	-46.38	-77.05	-66.14	5.82	12.58	H
	5553	-57.86	-13	-44.86	-79.40	-63.58	7.28	13.00	H
	7404	-54.01	-13	-41.01	-80.17	-57.17	8.32	11.48	H
	3702	-60.86	-13	-47.86	-77.86	-67.62	5.82	12.58	V
	5553	-57.01	-13	-44.01	-77.79	-62.73	7.28	13.00	V
	7404	-55.29	-13	-42.29	-80.74	-58.45	8.32	11.48	V
Middle	3747.00	-56.87	-13	-43.87	-74.72	-63.62	5.85	12.60	H
	5620.50	-58.54	-13	-45.54	-80.03	-64.34	7.30	13.10	H
	7494.00	-54.84	-13	-41.84	-80.36	-57.99	8.35	11.50	H
	3747.00	-59.74	-13	-46.74	-76.82	-66.49	5.85	12.60	V
	5620.50	-56.94	-13	-43.94	-77.57	-62.74	7.30	13.10	V
	7494.00	-55.40	-13	-42.40	-80.31	-58.55	8.35	11.50	V
Highest	3792	-56.87	-13	-43.87	-74.83	-63.61	5.88	12.62	H
	5688	-57.96	-13	-44.96	-79.67	-63.77	7.32	13.13	H
	7584	-55.42	-13	-42.42	-80.36	-58.58	8.38	11.54	H
	3792	-59.52	-13	-46.52	-76.65	-66.26	5.88	12.62	V
	5688	-58.00	-13	-45.00	-78.72	-63.81	7.32	13.13	V
	7584	-55.95	-13	-42.95	-80.37	-59.11	8.38	11.54	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	-65.93	-13	-52.93	-76.68	-69.16	3.98	9.36	H
	2474.25	-59.84	-13	-46.84	-78.18	-63.39	4.85	10.55	H
	3299	-58.51	-13	-45.51	-78.82	-63.44	5.50	12.58	H
	1649.5	-65.21	-13	-52.21	-76.60	-68.44	3.98	9.36	V
	2474.25	-59.57	-13	-46.57	-78.23	-63.12	4.85	10.55	V
	3299	-58.03	-13	-45.03	-79.23	-62.96	5.50	12.58	V
Middle	1659.5	-66.13	-13	-53.13	-77.01	-69.38	4.00	9.40	H
	2489.25	-59.67	-13	-46.67	-78.14	-63.24	4.88	10.60	H
	3319	-58.56	-13	-45.56	-78.97	-63.49	5.52	12.60	H
	1659.5	-64.90	-13	-51.90	-76.45	-68.15	4.00	9.40	V
	2489.25	-59.69	-13	-46.69	-78.42	-63.26	4.88	10.60	V
	3319	-58.18	-13	-45.18	-79.29	-63.11	5.52	12.60	V
Highest	1669.5	-65.88	-13	-52.88	-76.76	-69.05	4.10	9.42	H
	2504.25	-59.65	-13	-46.65	-78.12	-63.23	4.90	10.63	H
	3339	-58.65	-13	-45.65	-79.26	-63.57	5.55	12.62	H
	1669.5	-64.98	-13	-51.98	-76.53	-68.15	4.10	9.42	V
	2504.25	-59.32	-13	-46.32	-78.05	-62.90	4.90	10.63	V
	3339	-58.02	-13	-45.02	-78.93	-62.94	5.55	12.62	V

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



LTE Band 41 / 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	4994.18	-39.11	-25	-14.11	-61.26	-44.67	7.12	12.68	H
	7491.27	-55.49	-25	-30.49	-81.49	-58.82	8.26	11.59	H
	9988.36	-53.86	-25	-28.86	-83.03	-55.39	10.45	11.98	H
	4994.18	-39.22	-25	-14.22	-63.05	-44.78	7.12	12.68	V
	7491.27	-55.59	-25	-30.59	-81.58	-58.92	8.26	11.59	V
	9988.36	-53.36	-25	-28.36	-83.11	-54.89	10.45	11.98	V
Middle	5168.18	-40.25	-25	-15.25	-63.61	-45.81	7.14	12.70	H
	7752.27	-56.08	-25	-31.08	-81.26	-59.38	8.30	11.60	H
	10336.36	-53.39	-25	-28.39	-83.02	-54.91	10.48	12.00	H
	5168.18	-38.76	-25	-13.76	-62.62	-44.32	7.14	12.70	V
	7752.27	-52.45	-25	-27.45	-80.72	-55.75	8.30	11.60	V
	10336.36	-51.56	-25	-26.56	-82.94	-53.08	10.48	12.00	V
Highest	5342.18	-39.55	-25	-14.55	-63.63	-45.11	7.16	12.72	H
	8013.27	-55.75	-25	-30.75	-81.63	-59.05	8.33	11.63	H
	10684.36	-52.25	-25	-27.25	-82.91	-53.85	10.50	12.10	H
	5342.18	-37.14	-25	-12.14	-60.74	-42.70	7.16	12.72	V
	8013.27	-53.75	-25	-28.75	-81.92	-57.05	8.33	11.63	V
	10684.36	-49.83	-25	-24.83	-82.98	-51.43	10.50	12.10	V

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



LTE Band 66 / 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	-59.81	-13	-46.81	-79.96	-66.69	5.60	12.48	H
	5133	-58.37	-13	-45.37	-81.49	-64.05	7.10	12.78	H
	6844	-56.77	-13	-43.77	-81.77	-60.16	8.38	11.77	H
	3422	-57.70	-13	-44.70	-79.05	-64.58	5.60	12.48	V
	5133	-57.47	-13	-44.47	-81.33	-63.15	7.10	12.78	V
	6844	-54.74	-13	-41.74	-81.57	-58.13	8.38	11.77	V
Middle	3472	-58.76	-13	-45.76	-80.30	-65.61	5.65	12.50	H
	5208	-57.83	-13	-44.83	-81.49	-63.50	7.13	12.80	H
	6944	-56.41	-13	-43.41	-81.59	-59.81	8.40	11.80	H
	3472	-58.40	-13	-45.40	-79.74	-65.25	5.65	12.50	V
	5208	-57.71	-13	-44.71	-81.54	-63.38	7.13	12.80	V
	6944	-56.12	-13	-43.12	-82.03	-59.52	8.40	11.80	V
Highest	3522	-58.94	-13	-45.94	-80.87	-65.78	5.68	12.52	H
	5283	-58.47	-13	-45.47	-82.37	-64.14	7.15	12.82	H
	7044	-56.68	-13	-43.68	-82.15	-60.11	8.42	11.85	H
	3522	-58.08	-13	-45.08	-80.41	-64.92	5.68	12.52	V
	5283	-58.23	-13	-45.23	-81.92	-63.90	7.15	12.82	V
	7044	-56.24	-13	-43.24	-82.38	-59.67	8.42	11.85	V

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



LTE Band 71 / 20MHz / 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	1328	-64.19	-13	-51.19	-72.96	-67.42	3.98	9.36	H
	1992	-57.78	-13	-44.78	-70.88	-61.33	4.85	10.55	H
	2656	-62.02	-13	-49.02	-75.63	-66.95	5.50	12.58	H
	1328	-64.47	-13	-51.47	-73.03	-67.70	3.98	9.36	V
	1992	-59.83	-13	-46.83	-72.45	-63.38	4.85	10.55	V
	2656	-62.73	-13	-49.73	-75.96	-67.66	5.50	12.58	V
Middle	1348	-63.72	-13	-50.72	-72.74	-66.97	4.00	9.40	H
	2022	-56.95	-13	-43.95	-70.34	-60.52	4.88	10.60	H
	2696	-61.67	-13	-48.67	-75.45	-66.60	5.52	12.60	H
	1348	-64.07	-13	-51.07	-72.85	-67.32	4.00	9.40	V
	2022	-61.15	-13	-48.15	-74.09	-64.72	4.88	10.60	V
	2696	-62.20	-13	-49.20	-75.61	-67.13	5.52	12.60	V
Highest	1358	-63.22	-13	-50.22	-72.37	-66.39	4.10	9.42	H
	2037	-54.49	-13	-41.49	-68.01	-58.07	4.90	10.63	H
	2716	-61.70	-13	-48.70	-75.53	-66.62	5.55	12.62	H
	1358	-64.12	-13	-51.12	-73.01	-67.29	4.10	9.42	V
	2037	-56.82	-13	-43.82	-69.92	-60.40	4.90	10.63	V
	2716	-62.17	-13	-49.17	-75.64	-67.09	5.55	12.62	V

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



Bottom Antenna:

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)
Lowest	5002.18	-37.63	-25	-12.63	-59.12	-43.19	7.12	12.68	H
	7503.27	-53.75	-25	-28.75	-79.16	-57.08	8.26	11.59	H
	10004.36	-51.09	-25	-26.09	-80.17	-52.62	10.45	11.98	H
	5002.18	-41.31	-25	-16.31	-62.59	-46.87	7.12	12.68	V
	7503.27	-54.52	-25	-29.52	-79.33	-57.85	8.26	11.59	V
	10004.36	-49.84	-25	-24.84	-80.26	-51.37	10.45	11.98	V
Middle	5052.18	-37.46	-25	-12.46	-59.03	-43.02	7.14	12.70	H
	7578.27	-54.51	-25	-29.51	-79.45	-57.81	8.30	11.60	H
	10104.36	-51.28	-25	-26.28	-80.71	-52.80	10.48	12.00	H
	5052.18	-40.02	-25	-15.02	-61.17	-45.58	7.14	12.70	V
	7578.27	-55.07	-25	-30.07	-79.49	-58.37	8.30	11.60	V
	10104.36	-50.01	-25	-25.01	-80.54	-51.53	10.48	12.00	V
Highest	5102.18	-40.51	-25	-15.51	-62.16	-46.07	7.16	12.72	H
	7653.27	-54.25	-25	-29.25	-79.16	-57.55	8.33	11.63	H
	10204.36	-50.59	-25	-25.59	-80.31	-52.19	10.50	12.10	H
	5102.18	-40.68	-25	-15.68	-61.69	-46.24	7.16	12.72	V
	7653.27	-54.79	-25	-29.79	-79.18	-58.09	8.33	11.63	V
	10204.36	-49.99	-25	-24.99	-80.61	-51.59	10.50	12.10	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	-63.67	-13	-50.67	-73.31	-66.90	3.98	9.36	H
	2098.5	-61.53	-13	-48.53	-75.58	-65.08	4.85	10.55	H
	2798	-62.03	-13	-49.03	-76.15	-66.96	5.50	12.58	H
	1399	-64.09	-13	-51.09	-73.42	-67.32	3.98	9.36	V
	2098.5	-62.08	-13	-49.08	-75.80	-65.63	4.85	10.55	V
	2798	-62.72	-13	-49.72	-76.51	-67.65	5.50	12.58	V
Middle	1406	-63.78	-13	-50.78	-73.55	-67.03	4.00	9.40	H
	2109	-62.09	-13	-49.09	-76.14	-65.66	4.88	10.60	H
	2812	-62.19	-13	-49.19	-76.36	-67.12	5.52	12.60	H
	1406	-63.99	-13	-50.99	-73.43	-67.24	4.00	9.40	V
	2109	-62.31	-13	-49.31	-76.03	-65.88	4.88	10.60	V
	2812	-62.67	-13	-49.67	-76.51	-67.60	5.52	12.60	V
Highest	1413	-50.73	-13	-37.73	-73.50	-53.90	4.10	9.42	H
	2119.5	-49.15	-13	-36.15	-76.34	-52.73	4.90	10.63	H
	2826	-49.40	-13	-36.40	-76.58	-54.32	5.55	12.62	H
	1413	-50.93	-13	-37.93	-73.37	-54.10	4.10	9.42	V
	2119.5	-49.40	-13	-36.40	-76.28	-52.98	4.90	10.63	V
	2826	-49.87	-13	-36.87	-76.72	-54.79	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	-65.87	-13	-52.87	-76.23	-69.10	3.98	9.36	H
	2331.75	-60.45	-13	-47.45	-78.13	-64.00	4.85	10.55	H
	3109	-58.85	-13	-45.85	-78.35	-63.78	5.50	12.58	H
	1554.5	-65.52	-13	-52.52	-76.50	-68.75	3.98	9.36	V
	2331.75	-60.28	-13	-47.28	-78.24	-63.83	4.85	10.55	V
	3109	-57.02	-13	-44.02	-78.25	-61.95	5.50	12.58	V
Middle	1559.5	-65.86	-42.15	-23.71	-76.22	-69.11	4.00	9.40	H
	2339.25	-60.45	-13	-47.45	-78.13	-64.02	4.88	10.60	H
	3119	-58.93	-13	-45.93	-78.47	-63.86	5.52	12.60	H
	1559.5	-65.50	-42.15	-23.35	-76.48	-68.75	4.00	9.40	V
	2339.25	-60.13	-13	-47.13	-78.18	-63.70	4.88	10.60	V
	3119	-56.99	-13	-43.99	-78.33	-61.92	5.52	12.60	V
Highest	1564.5	-66.04	-42.15	-23.89	-76.40	-69.21	4.10	9.42	H
	2346.75	-60.71	-13	-47.71	-78.39	-64.29	4.90	10.63	H
	3129	-58.52	-13	-45.52	-78.06	-63.44	5.55	12.62	H
	1564.5	-65.62	-42.15	-23.47	-76.60	-68.79	4.10	9.42	V
	2346.75	-60.11	-13	-47.11	-78.16	-63.69	4.90	10.63	V
	3129	-56.81	-13	-43.81	-78.15	-61.73	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	1559.5	-66.92	-42.15	-24.77	-77.28	-70.17	4.00	9.40	H
	2339.25	-61.80	-13	-48.80	-79.48	-65.37	4.88	10.60	H
	3119	-60.10	-13	-47.10	-79.64	-65.03	5.52	12.60	H
	1559.5	-66.22	-42.15	-24.07	-77.20	-69.47	4.00	9.40	V
	2339.25	-61.29	-13	-48.29	-79.34	-64.86	4.88	10.60	V
	3119	-58.24	-13	-45.24	-79.58	-63.17	5.52	12.60	V

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



LTE Band 25 / 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	-60.35	-13	-47.35	-78.02	-67.11	5.82	12.58	H
	5553	-57.49	-13	-44.49	-79.03	-63.21	7.28	13.00	H
	7404	-54.94	-13	-41.94	-81.10	-58.10	8.32	11.48	H
	3702	-60.15	-13	-47.15	-77.15	-66.91	5.82	12.58	V
	5553	-58.55	-13	-45.55	-79.33	-64.27	7.28	13.00	V
	7404	-55.65	-13	-42.65	-81.1	-58.81	8.32	11.48	V
Middle	3747.00	-59.88	-13	-46.88	-77.73	-66.63	5.85	12.60	H
	5620.50	-58.43	-13	-45.43	-79.92	-64.23	7.30	13.10	H
	7494.00	-54.34	-13	-41.34	-79.86	-57.49	8.35	11.50	H
	3747.00	-60.15	-13	-47.15	-77.23	-66.90	5.85	12.60	V
	5620.50	-59.30	-13	-46.30	-79.93	-65.10	7.30	13.10	V
	7494.00	-55.42	-13	-42.42	-80.33	-58.57	8.35	11.50	V
Highest	3792	-59.13	-13	-46.13	-77.09	-65.87	5.88	12.62	H
	5688	-58.06	-13	-45.06	-79.77	-63.87	7.32	13.13	H
	7584	-55.66	-13	-42.66	-80.60	-58.82	8.38	11.54	H
	3792	-60.01	-13	-47.01	-77.14	-66.75	5.88	12.62	V
	5688	-58.55	-13	-45.55	-79.27	-64.36	7.32	13.13	V
	7584	-55.98	-13	-42.98	-80.4	-59.14	8.38	11.54	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	-66.15	-13	-53.15	-76.90	-69.38	3.98	9.36	H
	2474.25	-60.10	-13	-47.10	-78.44	-63.65	4.85	10.55	H
	3299	-58.86	-13	-45.86	-79.17	-63.79	5.50	12.58	H
	1649.5	-65.64	-13	-52.64	-77.03	-68.87	3.98	9.36	V
	2474.25	-59.91	-13	-46.91	-78.57	-63.46	4.85	10.55	V
	3299	-58.43	-13	-45.43	-79.63	-63.36	5.50	12.58	V
Middle	1659.5	-66.25	-13	-53.25	-77.13	-69.50	4.00	9.40	H
	2489.25	-60.03	-13	-47.03	-78.50	-63.60	4.88	10.60	H
	3319	-58.65	-13	-45.65	-79.06	-63.58	5.52	12.60	H
	1659.5	-65.56	-13	-52.56	-77.11	-68.81	4.00	9.40	V
	2489.25	-59.79	-13	-46.79	-78.52	-63.36	4.88	10.60	V
	3319	-58.49	-13	-45.49	-79.60	-63.42	5.52	12.60	V
Highest	1669.5	-65.92	-13	-52.92	-76.80	-69.09	4.10	9.42	H
	2504.25	-59.78	-13	-46.78	-78.25	-63.36	4.90	10.63	H
	3339	-58.75	-13	-45.75	-79.36	-63.67	5.55	12.62	H
	1669.5	-65.40	-13	-52.40	-76.95	-68.57	4.10	9.42	V
	2504.25	-59.45	-13	-46.45	-78.18	-63.03	4.90	10.63	V
	3339	-58.54	-13	-45.54	-79.45	-63.46	5.55	12.62	V

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



LTE Band 41 / 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	4994.18	-39.12	-25	-14.12	-61.27	-44.68	7.12	12.68	H
	7491.27	-55.57	-25	-30.57	-81.57	-58.90	8.26	11.59	H
	9988.36	-54.03	-25	-29.03	-83.20	-55.56	10.45	11.98	H
	4994.18	-39.11	-25	-14.11	-62.94	-44.67	7.12	12.68	V
	7491.27	-55.57	-25	-30.57	-81.56	-58.90	8.26	11.59	V
	9988.36	-53.26	-25	-28.26	-83.01	-54.79	10.45	11.98	V
Middle	5168.18	-40.88	-25	-15.88	-64.24	-46.44	7.14	12.70	H
	7752.27	-55.90	-25	-30.90	-81.08	-59.20	8.30	11.60	H
	10336.36	-53.17	-25	-28.17	-82.80	-54.69	10.48	12.00	H
	5168.18	-40.72	-25	-15.72	-64.58	-46.28	7.14	12.70	V
	7752.27	-52.79	-25	-27.79	-81.06	-56.09	8.30	11.60	V
	10336.36	-51.58	-25	-26.58	-82.96	-53.10	10.48	12.00	V
Highest	5342.18	-40.42	-25	-15.42	-64.50	-45.98	7.16	12.72	H
	8013.27	-55.55	-25	-30.55	-81.43	-58.85	8.33	11.63	H
	10684.36	-52.11	-25	-27.11	-82.77	-53.71	10.50	12.10	H
	5342.18	-36.11	-25	-11.11	-59.71	-41.67	7.16	12.72	V
	8013.27	-52.89	-25	-27.89	-81.06	-56.19	8.33	11.63	V
	10684.36	-49.89	-25	-24.89	-83.04	-51.49	10.50	12.10	V

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



LTE Band 66 / 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	-58.55	-13	-45.55	-78.70	-65.43	5.60	12.48	H
	5133	-58.82	-13	-45.82	-81.94	-64.50	7.10	12.78	H
	6844	-57.20	-13	-44.20	-82.20	-60.59	8.38	11.77	H
	3422	-56.94	-13	-43.94	-78.29	-63.82	5.60	12.48	V
	5133	-58.29	-13	-45.29	-82.15	-63.97	7.10	12.78	V
	6844	-55.20	-13	-42.20	-82.03	-58.59	8.38	11.77	V
Middle	3472	-59.23	-13	-46.23	-80.77	-66.08	5.65	12.50	H
	5208	-58.30	-13	-45.30	-81.96	-63.97	7.13	12.80	H
	6944	-57.05	-13	-44.05	-82.23	-60.45	8.40	11.80	H
	3472	-58.22	-13	-45.22	-79.56	-65.07	5.65	12.50	V
	5208	-57.97	-13	-44.97	-81.8	-63.64	7.13	12.80	V
	6944	-56.56	-13	-43.56	-82.47	-59.96	8.40	11.80	V
Highest	3522	-59.42	-13	-46.42	-81.35	-66.26	5.68	12.52	H
	5283	-58.25	-13	-45.25	-82.15	-63.92	7.15	12.82	H
	7044	-56.98	-13	-43.98	-82.45	-60.41	8.42	11.85	H
	3522	-58.17	-13	-45.17	-80.5	-65.01	5.68	12.52	V
	5283	-58.48	-13	-45.48	-82.17	-64.15	7.15	12.82	V
	7044	-56.02	-13	-43.02	-82.16	-59.45	8.42	11.85	V

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



LTE Band 71 / 20MHz / 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	1328	-63.40	-13	-50.40	-72.17	-66.63	3.98	9.36	H
	1992	-62.19	-13	-49.19	-75.29	-65.74	4.85	10.55	H
	2656	-62.49	-13	-49.49	-76.10	-67.42	5.50	12.58	H
	1328	-64.46	-13	-51.46	-73.02	-67.69	3.98	9.36	V
	1992	-62.48	-13	-49.48	-75.10	-66.03	4.85	10.55	V
	2656	-62.37	-13	-49.37	-75.60	-67.30	5.50	12.58	V
Middle	1348	-62.98	-13	-49.98	-72.00	-66.23	4.00	9.40	H
	2022	-62.06	-13	-49.06	-75.45	-65.63	4.88	10.60	H
	2696	-62.01	-13	-49.01	-75.79	-66.94	5.52	12.60	H
	1348	-64.25	-13	-51.25	-73.03	-67.50	4.00	9.40	V
	2022	-62.47	-13	-49.47	-75.41	-66.04	4.88	10.60	V
	2696	-62.27	-13	-49.27	-75.68	-67.20	5.52	12.60	V
Highest	1358	-63.08	-13	-50.08	-72.23	-66.25	4.10	9.42	H
	2037	-62.12	-13	-49.12	-75.64	-65.70	4.90	10.63	H
	2716	-61.73	-13	-48.73	-75.56	-66.65	5.55	12.62	H
	1358	-63.92	-13	-50.92	-72.81	-67.09	4.10	9.42	V
	2037	-61.82	-13	-48.82	-74.92	-65.40	4.90	10.63	V
	2716	-61.86	-13	-48.86	-75.33	-66.78	5.55	12.62	V

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