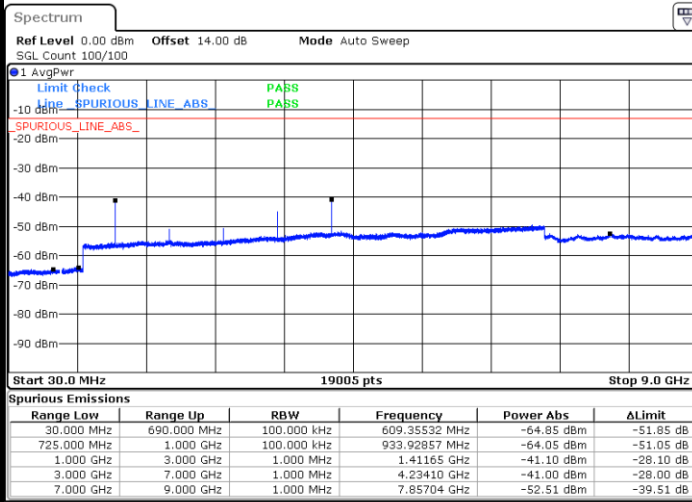




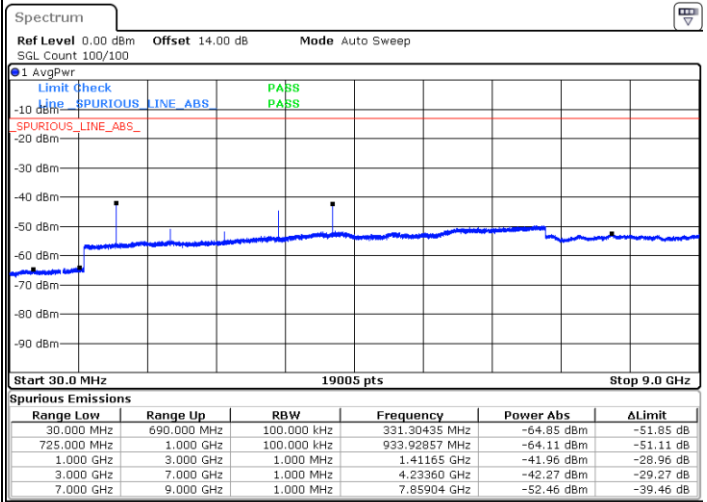
LTE Band 17 / 10MHz

Middle Channel / QPSK



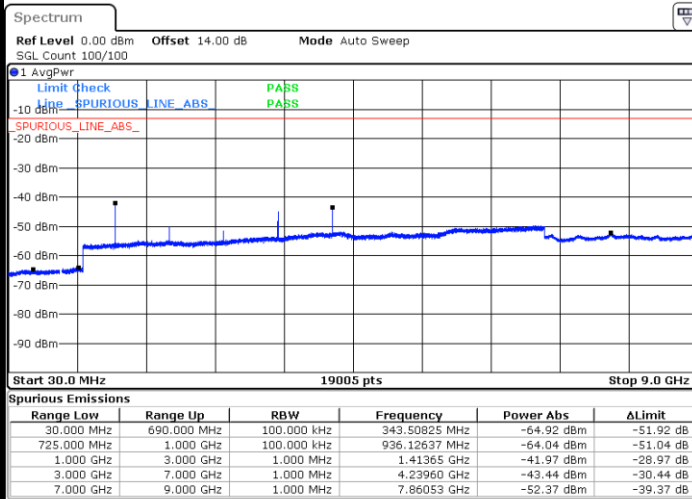
Date: 14 MAR 2020 23:46:29

Middle Channel / 16QAM



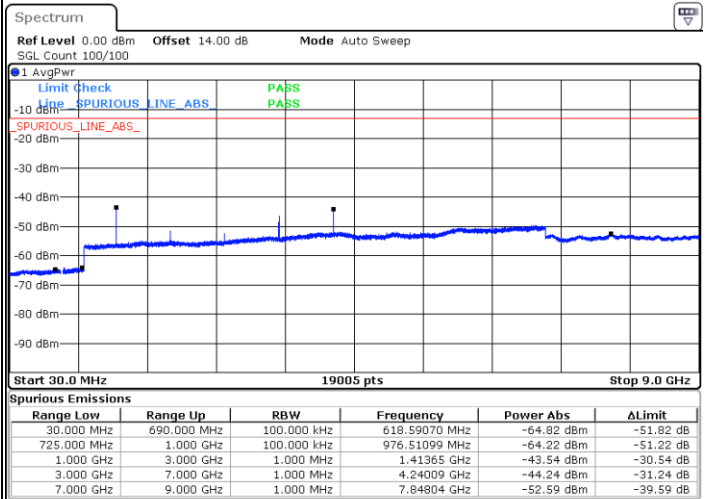
Date: 14 MAR 2020 23:47:03

Highest Channel / QPSK



Date: 14 MAR 2020 23:52:16

Highest Channel / 16QAM



Date: 14 MAR 2020 23:52:51

Frequency Stability

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0244	PASS
40	Normal Voltage	0.0171	
30	Normal Voltage	0.0137	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0145	
0	Normal Voltage	0.0258	
-10	Normal Voltage	0.0265	
-20	Normal Voltage	0.0269	
-30	Normal Voltage	0.0274	
20	Maximum Voltage	0.0319	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0341	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 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

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	-47.95	-13	-34.95	-65.62	-54.71	5.82	12.58	H
	5550.48	-51.42	-13	-38.42	-72.96	-57.14	7.28	13.00	H
	7400.64	-53.32	-13	-40.32	-79.48	-56.48	8.32	11.48	H
	3700.32	-51.19	-13	-38.19	-68.19	-57.95	5.82	12.58	V
	5550.48	-57.87	-13	-44.87	-78.65	-63.59	7.28	13.00	V
	7400.64	-54.07	-13	-41.07	-79.52	-57.23	8.32	11.48	V
Middle	3758.92	-47.22	-13	-34.22	-65.07	-53.97	5.85	12.60	H
	5638.38	-56.46	-13	-43.46	-77.92	-62.26	7.30	13.10	H
	7517.84	-53.81	-13	-40.81	-79.22	-56.96	8.35	11.50	H
	3758.92	-48.35	-13	-35.35	-65.43	-55.10	5.85	12.60	V
	5638.38	-58.10	-13	-45.10	-78.5	-63.90	7.30	13.10	V
	7517.84	-54.57	-13	-41.57	-79.38	-57.72	8.35	11.50	V
Highest	3817.52	-48.97	-13	-35.97	-67.09	-55.71	5.88	12.62	H
	5726.28	-56.58	-13	-43.58	-78.45	-62.39	7.32	13.13	H
	7635.04	-54.30	-13	-41.30	-79.18	-57.46	8.38	11.54	H
	3817.52	-46.63	-13	-33.63	-63.9	-53.37	5.88	12.62	V
	5726.28	-57.92	-13	-44.92	-78.86	-63.73	7.32	13.13	V
	7635.04	-54.51	-13	-41.51	-78.88	-57.67	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	-49.82	-13	-36.82	-67.49	-56.58	5.82	12.58	H
	5550.72	-56.18	-13	-43.18	-77.72	-61.90	7.28	13.00	H
	7400.96	-53.33	-13	-40.33	-79.49	-56.49	8.32	11.48	H
	3700.48	-48.02	-13	-35.02	-65.02	-54.78	5.82	12.58	V
	5550.72	-58.27	-13	-45.27	-79.05	-63.99	7.28	13.00	V
	7400.96	-53.87	-13	-40.87	-79.32	-57.03	8.32	11.48	V
Middle	3757.48	-47.98	-13	-34.98	-65.83	-54.73	5.85	12.60	H
	5636.22	-56.34	-13	-43.34	-77.80	-62.14	7.30	13.10	H
	7514.96	-54.19	-13	-41.19	-79.60	-57.34	8.35	11.50	H
	3757.48	-45.36	-13	-32.36	-62.44	-52.11	5.85	12.60	V
	5636.22	-57.87	-13	-44.87	-78.27	-63.67	7.30	13.10	V
	7514.96	-54.72	-13	-41.72	-79.53	-57.87	8.35	11.50	V
Highest	3814.48	-45.65	-13	-32.65	-63.77	-52.39	5.88	12.62	H
	5721.72	-54.01	-13	-41.01	-75.88	-59.82	7.32	13.13	H
	7628.96	-54.17	-13	-41.17	-79.05	-57.33	8.38	11.54	H
	3814.48	-47.09	-13	-34.09	-64.36	-53.83	5.88	12.62	V
	5721.72	-57.64	-13	-44.64	-78.58	-63.45	7.32	13.13	V
	7628.96	-55.02	-13	-42.02	-79.39	-58.18	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	-55.41	-13	-42.41	-73.08	-62.17	5.82	12.58	H
	5551.02	-57.35	-13	-44.35	-78.89	-63.07	7.28	13.00	H
	7401.36	-53.14	-13	-40.14	-79.30	-56.30	8.32	11.48	H
	3700.68	-53.67	-13	-40.67	-70.67	-60.43	5.82	12.58	V
	5551.02	-57.81	-13	-44.81	-78.59	-63.53	7.28	13.00	V
	7401.36	-53.78	-13	-40.78	-79.23	-56.94	8.32	11.48	V
Middle	3755.68	-54.27	-13	-41.27	-72.12	-61.02	5.85	12.60	H
	5633.52	-57.23	-13	-44.23	-78.69	-63.03	7.30	13.10	H
	7511.36	-53.73	-13	-40.73	-79.14	-56.88	8.35	11.50	H
	3755.68	-55.00	-13	-42.00	-72.08	-61.75	5.85	12.60	V
	5633.52	-58.06	-13	-45.06	-78.46	-63.86	7.30	13.10	V
	7511.36	-54.33	-13	-41.33	-79.14	-57.48	8.35	11.50	V
Highest	3810.68	-54.37	-13	-41.37	-72.40	-61.11	5.88	12.62	H
	5716.02	-56.98	-13	-43.98	-78.78	-62.79	7.32	13.13	H
	7621.36	-54.30	-13	-41.30	-79.15	-57.46	8.38	11.54	H
	3810.68	-53.36	-13	-40.36	-70.52	-60.10	5.88	12.62	V
	5716.02	-58.00	-13	-45.00	-78.84	-63.81	7.32	13.13	V
	7621.36	-54.98	-13	-41.98	-79.32	-58.14	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	-46.70	-13	-33.70	-64.37	-53.46	5.82	12.58	H
	5551.77	-56.97	-13	-43.97	-78.51	-62.69	7.28	13.00	H
	7402.36	-53.25	-13	-40.25	-79.41	-56.41	8.32	11.48	H
	3701.18	-50.70	-13	-37.70	-67.7	-57.46	5.82	12.58	V
	5551.77	-58.16	-13	-45.16	-78.94	-63.88	7.28	13.00	V
	7402.36	-54.13	-13	-41.13	-79.58	-57.29	8.32	11.48	V
Middle	3751.18	-42.80	-13	-29.80	-60.65	-49.55	5.85	12.60	H
	5626.77	-55.22	-13	-42.22	-76.71	-61.02	7.30	13.10	H
	7502	-53.47	-13	-40.47	-78.99	-56.62	8.35	11.50	H
	3751.18	-49.19	-13	-36.19	-66.27	-55.94	5.85	12.60	V
	5626.77	-58.09	-13	-45.09	-78.72	-63.89	7.30	13.10	V
	7502	-54.36	-13	-41.36	-79.27	-57.51	8.35	11.50	V
Highest	3801.18	-43.81	-13	-30.81	-61.84	-50.55	5.88	12.62	H
	5701.77	-55.38	-13	-42.38	-77.17	-61.19	7.32	13.13	H
	7602.36	-54.59	-13	-41.59	-79.40	-57.75	8.38	11.54	H
	3801.18	-49.75	-13	-36.75	-66.91	-56.49	5.88	12.62	V
	5701.77	-57.92	-13	-44.92	-78.75	-63.73	7.32	13.13	V
	7602.36	-55.13	-13	-42.13	-79.44	-58.29	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	-44.03	-13	-31.03	-61.70	-50.79	5.82	12.58	H
	5552.52	-49.04	-13	-36.04	-70.58	-54.76	7.28	13.00	H
	7403.36	-53.11	-13	-40.11	-79.27	-56.27	8.32	11.48	H
	3701.68	-49.24	-13	-36.24	-66.24	-56.00	5.82	12.58	V
	5552.52	-56.82	-13	-43.82	-77.6	-62.54	7.28	13.00	V
	7403.36	-53.68	-13	-40.68	-79.13	-56.84	8.32	11.48	V
Middle	3746.68	-49.94	-13	-36.94	-67.79	-56.69	5.85	12.60	H
	5620.02	-56.32	-13	-43.32	-77.81	-62.12	7.30	13.10	H
	7493.36	-53.84	-13	-40.84	-79.36	-56.99	8.35	11.50	H
	3746.68	-45.35	-13	-32.35	-62.43	-52.10	5.85	12.60	V
	5620.02	-57.35	-13	-44.35	-77.98	-63.15	7.30	13.10	V
	7493.36	-54.43	-13	-41.43	-79.34	-57.58	8.35	11.50	V
Highest	3791.68	-44.81	-13	-31.81	-62.77	-51.55	5.88	12.62	H
	5687.52	-51.56	-13	-38.56	-73.27	-57.37	7.32	13.13	H
	7583.36	-54.43	-13	-41.43	-79.37	-57.59	8.38	11.54	H
	3791.68	-48.01	-13	-35.01	-65.14	-54.75	5.88	12.62	V
	5687.52	-57.66	-13	-44.66	-78.38	-63.47	7.32	13.13	V
	7583.36	-55.22	-13	-42.22	-79.64	-58.38	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	-47.74	-13	-34.74	-65.41	-54.50	5.82	12.58	H
	5553.27	-55.84	-13	-42.84	-77.38	-61.56	7.28	13.00	H
	7404.36	-53.17	-13	-40.17	-79.33	-56.33	8.32	11.48	H
	3702.18	-47.67	-13	-34.67	-64.67	-54.43	5.82	12.58	V
	5553.27	-57.30	-13	-44.30	-78.08	-63.02	7.28	13.00	V
	7404.36	-53.78	-13	-40.78	-79.23	-56.94	8.32	11.48	V
Middle	3742.18	-45.86	-13	-32.86	-63.65	-52.61	5.85	12.60	H
	5613.27	-55.62	-13	-42.62	-77.14	-61.42	7.30	13.10	H
	7484.36	-53.94	-13	-40.94	-79.60	-57.09	8.35	11.50	H
	3742.18	-44.96	-13	-31.96	-62.02	-51.71	5.85	12.60	V
	5613.27	-57.59	-13	-44.59	-78.46	-63.39	7.30	13.10	V
	7484.36	-54.36	-13	-41.36	-79.38	-57.51	8.35	11.50	V
Highest	3782.18	-45.78	-13	-32.78	-63.74	-52.52	5.88	12.62	H
	5673.27	-54.83	-13	-41.83	-76.45	-60.64	7.32	13.13	H
	7564.36	-54.30	-13	-41.30	-79.35	-57.46	8.38	11.54	H
	3782.18	-47.41	-13	-34.41	-64.54	-54.15	5.88	12.62	V
	5673.27	-57.99	-13	-44.99	-78.6	-63.80	7.32	13.13	V
	7564.36	-54.82	-13	-41.82	-79.33	-57.98	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	-59.19	-13	-46.19	-74.03	-66.07	5.60	12.48	H
	5130.48	-51.99	-13	-38.99	-73.70	-57.67	7.10	12.78	H
	6840.64	-55.56	-13	-42.56	-79.47	-58.95	8.38	11.77	H
	3420.32	-55.55	-13	-42.55	-69.89	-62.43	5.60	12.48	V
	5130.48	-49.94	-13	-36.94	-70.87	-55.62	7.10	12.78	V
	6840.64	-55.28	-13	-42.28	-78.31	-58.67	8.38	11.77	V
Middle	3463.74	-56.79	-13	-43.79	-72.31	-63.64	5.65	12.50	H
	5195.61	-50.34	-13	-37.34	-72.16	-56.01	7.13	12.80	H
	6927.48	-55.98	-13	-42.98	-79.69	-59.38	8.40	11.80	H
	3463.74	-55.14	-13	-42.14	-70.17	-61.99	5.65	12.50	V
	5195.61	-50.77	-13	-37.77	-71.52	-56.44	7.13	12.80	V
	6927.48	-56.57	-13	-43.57	-79.9	-59.97	8.40	11.80	V
Highest	3507.52	-57.45	-13	-44.45	-73.64	-64.29	5.68	12.52	H
	5261.28	-55.03	-13	-42.03	-75.67	-60.70	7.15	12.82	H
	7015.04	-55.29	-13	-42.29	-79.02	-58.72	8.42	11.85	H
	3507.52	-57.28	-13	-44.28	-72.99	-64.12	5.68	12.52	V
	5261.28	-54.75	-13	-41.75	-74.32	-60.42	7.15	12.82	V
	7015.04	-55.44	-13	-42.44	-79.13	-58.87	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	-58.96	-13	-45.96	-73.80	-65.84	5.60	12.48	H
	5130.72	-52.49	-13	-39.49	-74.20	-58.17	7.10	12.78	H
	6840.96	-55.77	-13	-42.77	-79.68	-59.16	8.38	11.77	H
	3420.48	-55.98	-13	-42.98	-70.32	-62.86	5.60	12.48	V
	5130.72	-50.23	-13	-37.23	-71.16	-55.91	7.10	12.78	V
	6840.96	-54.95	-13	-41.95	-77.98	-58.34	8.38	11.77	V
Middle	3462.48	-55.49	-13	-42.49	-71.01	-62.34	5.65	12.50	H
	5193.72	-50.96	-13	-37.96	-72.79	-56.63	7.13	12.80	H
	6924.96	-56.35	-13	-43.35	-80.06	-59.75	8.40	11.80	H
	3462.48	-54.32	-13	-41.32	-69.35	-61.17	5.65	12.50	V
	5193.72	-51.58	-13	-38.58	-72.34	-57.25	7.13	12.80	V
	6924.96	-56.42	-13	-43.42	-79.75	-59.82	8.40	11.80	V
Highest	3504.48	-58.70	-13	-45.70	-74.67	-65.54	5.68	12.52	H
	5256.72	-54.91	-13	-41.91	-75.41	-60.58	7.15	12.82	H
	7008.96	-56.15	-13	-43.15	-79.67	-59.58	8.42	11.85	H
	3504.48	-56.69	-13	-43.69	-72.18	-63.53	5.68	12.52	V
	5256.72	-54.39	-13	-41.39	-73.83	-60.06	7.15	12.82	V
	7008.96	-56.04	-13	-43.04	-79.58	-59.47	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	-58.68	-13	-45.68	-73.52	-65.56	5.60	12.48	H
	5131.02	-53.11	-13	-40.11	-74.82	-58.79	7.10	12.78	H
	6841.36	-55.95	-13	-42.95	-79.86	-59.34	8.38	11.77	H
	3420.68	-55.47	-13	-42.47	-69.81	-62.35	5.60	12.48	V
	5131.02	-50.52	-13	-37.52	-71.45	-56.20	7.10	12.78	V
	6841.36	-56.68	-13	-43.68	-79.71	-60.07	8.38	11.77	V
Middle	3460.68	-55.38	-13	-42.38	-70.89	-62.23	5.65	12.50	H
	5191.02	-50.70	-13	-37.70	-72.53	-56.37	7.13	12.80	H
	6921.36	-56.13	-13	-43.13	-79.86	-59.53	8.40	11.80	H
	3460.68	-52.92	-13	-39.92	-67.94	-59.77	5.65	12.50	V
	5191.02	-53.34	-13	-40.34	-74.1	-59.01	7.13	12.80	V
	6921.36	-56.53	-13	-43.53	-79.78	-59.93	8.40	11.80	V
Highest	3500.68	-58.42	-13	-45.42	-74.39	-65.26	5.68	12.52	H
	5251.02	-55.77	-13	-42.77	-76.27	-61.44	7.15	12.82	H
	7001.36	-56.10	-13	-43.10	-79.63	-59.53	8.42	11.85	H
	3500.68	-54.87	-13	-41.87	-70.36	-61.71	5.68	12.52	V
	5251.02	-53.99	-13	-40.99	-73.43	-59.66	7.15	12.82	V
	7001.36	-56.07	-13	-43.07	-79.62	-59.50	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	-58.51	-13	-45.51	-73.35	-65.39	5.60	12.48	H
	5131.77	-48.90	-13	-35.90	-70.61	-54.58	7.10	12.78	H
	6842.36	-55.80	-13	-42.80	-79.71	-59.19	8.38	11.77	H
	3421.18	-54.13	-13	-41.13	-68.47	-61.01	5.60	12.48	V
	5131.77	-48.15	-13	-35.15	-69.08	-53.83	7.10	12.78	V
	6842.36	-56.41	-13	-43.41	-79.44	-59.80	8.38	11.77	V
Middle	3456.18	-56.62	-13	-43.62	-72.10	-63.47	5.65	12.50	H
	5184.27	-52.78	-13	-39.78	-74.33	-58.45	7.13	12.80	H
	6912.36	-53.53	-13	-40.53	-77.06	-56.93	8.40	11.80	H
	3456.18	-56.59	-13	-43.59	-71.58	-63.44	5.65	12.50	V
	5184.27	-50.53	-13	-37.53	-71.08	-56.20	7.13	12.80	V
	6912.36	-50.47	-13	-37.47	-73.52	-53.87	8.40	11.80	V
Highest	3491.18	-57.10	-13	-44.10	-73.07	-63.94	5.68	12.52	H
	5236.77	-53.57	-13	-40.57	-74.52	-59.24	7.15	12.82	H
	6982.36	-56.32	-13	-43.32	-79.87	-59.75	8.42	11.85	H
	3491.18	-53.68	-13	-40.68	-69.17	-60.52	5.68	12.52	V
	5236.77	-54.17	-13	-41.17	-74.05	-59.84	7.15	12.82	V
	6982.36	-56.32	-13	-43.32	-79.79	-59.75	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	-59.14	-13	-46.14	-73.98	-66.02	5.60	12.48	H
	5132.52	-51.66	-13	-38.66	-73.37	-57.34	7.10	12.78	H
	6843.36	-55.03	-13	-42.03	-78.94	-58.42	8.38	11.77	H
	3421.68	-57.50	-13	-44.50	-71.84	-64.38	5.60	12.48	V
	5132.52	-50.14	-13	-37.14	-71.07	-55.82	7.10	12.78	V
	6843.36	-54.63	-13	-41.63	-77.66	-58.02	8.38	11.77	V
Middle	3451.68	-55.56	-13	-42.56	-70.85	-62.41	5.65	12.50	H
	5177.52	-49.40	-13	-36.40	-71.19	-55.07	7.13	12.80	H
	6903.36	-55.50	-13	-42.50	-79.25	-58.90	8.40	11.80	H
	3451.68	-53.34	-13	-40.34	-68.14	-60.19	5.65	12.50	V
	5177.52	-50.45	-13	-37.45	-71.24	-56.12	7.13	12.80	V
	6903.36	-56.08	-13	-43.08	-79.24	-59.48	8.40	11.80	V
Highest	3481.68	-57.93	-13	-44.93	-73.67	-64.77	5.68	12.52	H
	5222.52	-49.46	-13	-36.46	-70.84	-55.13	7.15	12.82	H
	6963.36	-55.98	-13	-42.98	-79.59	-59.41	8.42	11.85	H
	3481.68	-54.86	-13	-41.86	-70.11	-61.70	5.68	12.52	V
	5222.52	-52.94	-13	-39.94	-73.25	-58.61	7.15	12.82	V
	6963.36	-56.08	-13	-43.08	-79.5	-59.51	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	-59.00	-13	-46.00	-73.84	-65.88	5.60	12.48	H
	5133.27	-53.02	-13	-40.02	-74.73	-58.70	7.10	12.78	H
	6844.36	-55.71	-13	-42.71	-79.62	-59.10	8.38	11.77	H
	3422.18	-56.70	-13	-43.70	-71.04	-63.58	5.60	12.48	V
	5133.27	-51.20	-13	-38.20	-72.13	-56.88	7.10	12.78	V
	6844.36	-54.52	-13	-41.52	-77.55	-57.91	8.38	11.77	V
Middle	3447.18	-56.08	-13	-43.08	-71.37	-62.93	5.65	12.50	H
	5170.77	-50.67	-13	-37.67	-72.43	-56.34	7.13	12.80	H
	6894.36	-55.88	-13	-42.88	-79.67	-59.28	8.40	11.80	H
	3447.18	-54.72	-13	-41.72	-69.52	-61.57	5.65	12.50	V
	5170.77	-49.96	-13	-36.96	-70.79	-55.63	7.13	12.80	V
	6894.36	-56.21	-13	-43.21	-79.41	-59.61	8.40	11.80	V
Highest	3472.18	-57.80	-13	-44.80	-73.32	-64.64	5.68	12.52	H
	5208.27	-51.17	-13	-38.17	-72.56	-56.84	7.15	12.82	H
	6944.36	-56.05	-13	-43.05	-79.70	-59.48	8.42	11.85	H
	3472.18	-57.14	-13	-44.14	-72.17	-63.98	5.68	12.52	V
	5208.27	-53.21	-13	-40.21	-73.53	-58.88	7.15	12.82	V
	6944.36	-56.48	-13	-43.48	-79.85	-59.91	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	1648.14	-52.09	-13	-39.09	-61.61	-55.32	3.98	9.36	H
	2472.21	-53.05	-13	-40.05	-66.47	-56.60	4.85	10.55	H
	3296.28	-43.05	-13	-30.05	-58.60	-47.98	5.50	12.58	H
	4120.35	-32.27	-13	-19.27	-51.20	-36.74	5.98	12.60	H
	4944.42	-51.28	-13	-38.28	-72.58	-54.71	7.10	12.68	H
	1648.14	-59.15	-13	-46.15	-68.15	-62.38	3.98	9.36	V
	2472.21	-54.52	-13	-41.52	-67.74	-58.07	4.85	10.55	V
	3296.28	-52.11	-13	-39.11	-67.27	-57.04	5.50	12.58	V
	4120.35	-41.66	-13	-28.66	-59.67	-46.13	5.98	12.60	V
	4944.42	-54.81	-13	-41.81	-75.63	-58.24	7.10	12.68	V
Middle	1671.92	-46.58	-13	-33.58	-56.48	-49.83	4.00	9.40	H
	2507.88	-49.35	-13	-36.35	-62.75	-52.92	4.88	10.60	H
	3343.84	-39.64	-13	-26.64	-55.08	-44.57	5.52	12.60	H
	4179.8	-28.91	-13	-15.91	-47.81	-33.38	6.00	12.62	H
	5015.76	-52.34	-13	-39.34	-73.86	-55.75	7.14	12.70	H
	1671.92	-54.67	-13	-41.67	-64.06	-57.92	4.00	9.40	V
	2507.88	-52.79	-13	-39.79	-66.02	-56.36	4.88	10.60	V
	3343.84	-47.08	-13	-34.08	-62.08	-52.01	5.52	12.60	V
	4179.8	-36.95	-13	-23.95	-54.85	-41.42	6.00	12.62	V
	5015.76	-53.95	-13	-40.95	-75.19	-57.36	7.14	12.70	V
Highest	1695.52	-43.34	-13	-30.34	-53.42	-46.51	4.10	9.42	H
	2543.28	-56.06	-13	-43.06	-69.48	-59.64	4.90	10.63	H
	3391.04	-37.50	-13	-24.50	-52.11	-42.42	5.55	12.62	H
	4238.8	-29.46	-13	-16.46	-48.40	-33.94	6.02	12.65	H
	5086.6	-54.72	-13	-41.72	-76.35	-58.14	7.15	12.72	H
	1695.52	-52.65	-13	-39.65	-62.23	-55.82	4.10	9.42	V
	2543.28	-58.30	-13	-45.30	-71.46	-61.88	4.90	10.63	V
	3391.04	-45.88	-13	-32.88	-59.98	-50.80	5.55	12.62	V
	4238.8	-38.01	-13	-25.01	-55.95	-42.49	6.02	12.65	V
	5086.6	-56.41	-13	-43.41	-77.47	-59.83	7.15	12.72	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	-51.92	-13	-38.92	-61.44	-55.15	3.98	9.36	H
	2472.72	-48.56	-13	-35.56	-61.98	-52.11	4.85	10.55	H
	3296.96	-42.97	-13	-29.97	-58.52	-47.90	5.50	12.58	H
	4121.2	-31.55	-13	-18.55	-50.48	-36.02	5.98	12.60	H
	4945.44	-50.97	-13	-37.97	-72.27	-54.40	7.10	12.68	H
	1648.48	-59.35	-13	-46.35	-68.35	-62.58	3.98	9.36	V
	2472.72	-50.91	-13	-37.91	-64.13	-54.46	4.85	10.55	V
	3296.96	-50.96	-13	-37.96	-66.12	-55.89	5.50	12.58	V
	4121.2	-42.07	-13	-29.07	-60.08	-46.54	5.98	12.60	V
	4945.44	-54.41	-13	-41.41	-75.23	-57.84	7.10	12.68	V
Middle	1670.48	-46.67	-13	-33.67	-56.39	-49.92	4.00	9.40	H
	2505.72	-47.46	-13	-34.46	-60.86	-51.03	4.88	10.60	H
	3340.96	-39.00	-13	-26.00	-54.44	-43.93	5.52	12.60	H
	4176.2	-28.07	-13	-15.07	-46.97	-32.54	6.00	12.62	H
	5011.44	-52.34	-13	-39.34	-73.86	-55.75	7.14	12.70	H
	1670.48	-55.67	-13	-42.67	-64.88	-58.92	4.00	9.40	V
	2505.72	-52.74	-13	-39.74	-65.97	-56.31	4.88	10.60	V
	3340.96	-46.91	-13	-33.91	-61.91	-51.84	5.52	12.60	V
	4176.2	-37.31	-13	-24.31	-55.21	-41.78	6.00	12.62	V
	5011.44	-54.25	-13	-41.25	-75.49	-57.66	7.14	12.70	V
Highest	1692.48	-44.12	-13	-31.12	-54.20	-47.29	4.10	9.42	H
	2538.72	-52.18	-13	-39.18	-65.59	-55.76	4.90	10.63	H
	3384.96	-37.39	-13	-24.39	-52.28	-42.31	5.55	12.62	H
	4232.2	-29.67	-13	-16.67	-48.60	-34.15	6.02	12.65	H
	5077.44	-55.75	-13	-42.75	-77.38	-59.17	7.15	12.72	H
	1692.48	-53.41	-13	-40.41	-62.99	-56.58	4.10	9.42	V
	2538.72	-54.49	-13	-41.49	-67.64	-58.07	4.90	10.63	V
	3384.96	-45.31	-13	-32.31	-59.72	-50.23	5.55	12.62	V
	4232.2	-38.81	-13	-25.81	-56.75	-43.29	6.02	12.65	V
	5077.44	-56.50	-13	-43.50	-77.56	-59.92	7.15	12.72	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	-51.21	-13	-38.21	-60.73	-54.44	3.98	9.36	H
	2473.02	-48.74	-13	-35.74	-62.16	-52.29	4.85	10.55	H
	3297.36	-41.40	-13	-28.40	-56.95	-46.33	5.50	12.58	H
	4121.7	-30.49	-13	-17.49	-49.42	-34.96	5.98	12.60	H
	4946.05	-51.34	-13	-38.34	-72.64	-54.77	7.10	12.68	H
	1648.68	-54.00	-13	-41.00	-63.00	-57.23	3.98	9.36	V
	2473.02	-51.00	-13	-38.00	-64.22	-54.55	4.85	10.55	V
	3297.36	-46.75	-13	-33.75	-61.91	-51.68	5.50	12.58	V
	4121.7	-35.14	-13	-22.14	-53.15	-39.61	5.98	12.60	V
	4946.05	-53.27	-13	-40.27	-74.09	-56.70	7.10	12.68	V
Middle	1668.68	-45.64	-13	-32.64	-55.36	-48.89	4.00	9.40	H
	2503.02	-46.70	-13	-33.70	-60.11	-50.27	4.88	10.60	H
	3337.36	-39.27	-13	-26.27	-54.75	-44.20	5.52	12.60	H
	4171.7	-28.27	-13	-15.27	-47.15	-32.74	6.00	12.62	H
	5006.04	-52.27	-13	-39.27	-73.79	-55.68	7.14	12.70	H
	1668.68	-54.41	-13	-41.41	-63.62	-57.66	4.00	9.40	V
	2503.02	-53.11	-13	-40.11	-66.34	-56.68	4.88	10.60	V
	3337.36	-47.48	-13	-34.48	-62.54	-52.41	5.52	12.60	V
	4171.7	-37.58	-13	-24.58	-55.46	-42.05	6.00	12.62	V
	5006.04	-54.55	-13	-41.55	-75.79	-57.96	7.14	12.70	V
Highest	1688.68	-44.77	-13	-31.77	-54.85	-47.94	4.10	9.42	H
	2533.02	-51.76	-13	-38.76	-65.17	-55.34	4.90	10.63	H
	3377.36	-38.06	-13	-25.06	-52.94	-42.98	5.55	12.62	H
	4221.7	-29.71	-13	-16.71	-48.63	-34.19	6.02	12.65	H
	5066.04	-53.62	-13	-40.62	-75.22	-57.04	7.15	12.72	H
	1688.68	-47.09	-13	-34.09	-56.67	-50.26	4.10	9.42	V
	2533.02	-54.73	-13	-41.73	-67.93	-58.31	4.90	10.63	V
	3377.36	-46.75	-13	-33.75	-61.15	-51.67	5.55	12.62	V
	4221.7	-40.25	-13	-27.25	-58.18	-44.73	6.02	12.65	V
	5066.04	-55.61	-13	-42.61	-76.72	-59.03	7.15	12.72	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	-51.79	-13	-38.79	-61.31	-55.02	3.98	9.36	H
	2473.77	-46.88	-13	-33.88	-60.30	-50.43	4.85	10.55	H
	3298.36	-43.01	-13	-30.01	-58.56	-47.94	5.50	12.58	H
	4122.95	-31.41	-13	-18.41	-50.34	-35.88	5.98	12.60	H
	4947.54	-51.16	-13	-38.16	-72.46	-54.59	7.10	12.68	H
	1649.18	-59.32	-13	-46.32	-68.32	-62.55	3.98	9.36	V
	2473.77	-48.92	-13	-35.92	-62.14	-52.47	4.85	10.55	V
	3298.36	-51.61	-13	-38.61	-66.77	-56.54	5.50	12.58	V
	4122.95	-40.69	-13	-27.69	-58.70	-45.16	5.98	12.60	V
	4947.54	-53.27	-13	-40.27	-74.09	-56.70	7.10	12.68	V
Middle	1664.18	-46.06	-13	-33.06	-55.78	-49.31	4.00	9.40	H
	2496.27	-53.34	-13	-40.34	-66.75	-56.91	4.88	10.60	H
	3328.36	-40.36	-13	-27.36	-55.83	-45.29	5.52	12.60	H
	4160.45	-29.27	-13	-16.27	-48.18	-33.74	6.00	12.62	H
	4992.54	-52.99	-13	-39.99	-74.48	-56.40	7.14	12.70	H
	1664.18	-50.10	-13	-37.10	-59.31	-53.35	4.00	9.40	V
	2496.27	-57.11	-13	-44.11	-70.34	-60.68	4.88	10.60	V
	3328.36	-50.07	-13	-37.07	-65.12	-55.00	5.52	12.60	V
	4160.45	-37.54	-13	-24.54	-55.47	-42.01	6.00	12.62	V
	4992.54	-55.23	-13	-42.23	-76.51	-58.64	7.14	12.70	V
Highest	1679.18	-47.10	-13	-34.10	-57.03	-50.27	4.10	9.42	H
	2518.77	-52.09	-13	-39.09	-65.50	-55.67	4.90	10.63	H
	3358.36	-38.03	-13	-25.03	-53.19	-42.95	5.55	12.62	H
	4197.95	-29.03	-13	-16.03	-47.93	-33.51	6.02	12.65	H
	5037.54	-49.95	-13	-36.95	-71.53	-53.37	7.15	12.72	H
	1679.18	-49.78	-13	-36.78	-59.20	-52.95	4.10	9.42	V
	2518.77	-54.91	-13	-41.91	-68.15	-58.49	4.90	10.63	V
	3358.36	-46.11	-13	-33.11	-60.80	-51.03	5.55	12.62	V
	4197.95	-39.82	-13	-26.82	-57.72	-44.30	6.02	12.65	V
	5037.54	-53.36	-13	-40.36	-74.52	-56.78	7.15	12.72	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	-62.88	-13	-49.88	-72.52	-66.11	3.98	9.36	H
	2097.21	-61.47	-13	-48.47	-75.52	-65.02	4.85	10.55	H
	2796.28	-53.93	-13	-40.93	-68.04	-58.86	5.50	12.58	H
	3495.35	-45.43	-13	-32.43	-61.40	-49.90	5.98	12.60	H
	4192	-49.41	-13	-36.41	-68.31	-52.84	7.10	12.68	H
	1398.14	-62.96	-13	-49.96	-72.29	-66.19	3.98	9.36	V
	2097.21	-61.76	-13	-48.76	-75.48	-65.31	4.85	10.55	V
	2796.28	-54.26	-13	-41.26	-68.04	-59.19	5.50	12.58	V
	3495.35	-51.25	-13	-38.25	-66.74	-55.72	5.98	12.60	V
	4194.42	-50.77	-13	-37.77	-68.67	-54.20	7.10	12.68	V
Middle	1413.74	-61.71	-13	-48.71	-71.48	-64.96	4.00	9.40	H
	2120.61	-61.66	-13	-48.66	-75.85	-65.23	4.88	10.60	H
	2827.48	-55.50	-13	-42.50	-69.68	-60.43	5.52	12.60	H
	3534.35	-45.54	-13	-32.54	-61.95	-50.01	6.00	12.62	H
	4241.22	-54.00	-13	-41.00	-72.94	-57.41	7.14	12.70	H
	1413.74	-62.60	-13	-49.60	-72.04	-65.85	4.00	9.40	V
	2120.61	-62.00	-13	-49.00	-75.88	-65.57	4.88	10.60	V
	2827.48	-59.76	-13	-46.76	-73.61	-64.69	5.52	12.60	V
	3534.35	-56.60	-13	-43.60	-72.53	-61.07	6.00	12.62	V
	4241.22	-57.00	-13	-44.00	-74.94	-60.41	7.14	12.70	V
Highest	1429.34	-62.94	-13	-49.94	-72.69	-66.11	4.10	9.42	H
	2144.01	-61.37	-13	-48.37	-75.69	-64.95	4.90	10.63	H
	2858.68	-61.40	-13	-48.40	-75.70	-66.32	5.55	12.62	H
	3573.35	-46.37	-13	-33.37	-63.23	-50.85	6.02	12.65	H
	4288.02	-54.49	-13	-41.49	-73.46	-57.91	7.15	12.72	H
	1429.34	-62.44	-13	-49.44	-71.85	-65.61	4.10	9.42	V
	2144.01	-61.45	-13	-48.45	-75.49	-65.03	4.90	10.63	V
	2858.68	-54.44	-13	-41.44	-68.38	-59.36	5.55	12.62	V
	3573.35	-47.01	-13	-34.01	-63.40	-51.49	6.02	12.65	V
	4288.02	-51.12	-13	-38.12	-69.10	-54.54	7.15	12.72	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	-62.26	-13	-49.26	-71.90	-65.49	3.98	9.36	H
	2097.45	-61.43	-13	-48.43	-75.48	-64.98	4.85	10.55	H
	2796.6	-52.15	-13	-39.15	-66.26	-57.08	5.50	12.58	H
	3495.75	-41.89	-13	-28.89	-57.86	-46.36	5.98	12.60	H
	4194.9	-46.00	-13	-33.00	-64.90	-49.43	7.10	12.68	H
	1398.3	-62.48	-13	-49.48	-71.81	-65.71	3.98	9.36	V
	2097.45	-61.73	-13	-48.73	-75.45	-65.28	4.85	10.55	V
	2796.6	-54.01	-13	-41.01	-67.79	-58.94	5.50	12.58	V
	3495.75	-51.63	-13	-38.63	-67.12	-56.10	5.98	12.60	V
	4194.9	-51.00	-13	-38.00	-68.90	-54.43	7.10	12.68	V
Middle	1412.3	-60.96	-13	-47.96	-70.73	-64.21	4.00	9.40	H
	2118.45	-61.56	-13	-48.56	-75.75	-65.13	4.88	10.60	H
	2824.6	-57.00	-13	-44.00	-71.18	-61.93	5.52	12.60	H
	3530.75	-46.08	-13	-33.08	-62.49	-50.55	6.00	12.62	H
	4236.9	-51.12	-13	-38.12	-70.05	-54.53	7.14	12.70	H
	1412.3	-60.15	-13	-47.15	-69.59	-63.40	4.00	9.40	V
	2118.45	-61.70	-13	-48.70	-75.58	-65.27	4.88	10.60	V
	2824.6	-56.74	-13	-43.74	-70.59	-61.67	5.52	12.60	V
	3530.75	-53.58	-13	-40.58	-69.51	-58.05	6.00	12.62	V
	4236.9	-54.88	-13	-41.88	-72.82	-58.29	7.14	12.70	V
Highest	1426.3	-63.27	-13	-50.27	-73.02	-66.44	4.10	9.42	H
	2139.45	-61.48	-13	-48.48	-75.80	-65.06	4.90	10.63	H
	2852.6	-51.34	-13	-38.34	-65.64	-56.26	5.55	12.62	H
	3565.75	-39.58	-13	-26.58	-56.44	-44.06	6.02	12.65	H
	4278.9	-48.00	-13	-35.00	-66.97	-51.42	7.15	12.72	H
	1426.3	-61.06	-13	-48.06	-70.47	-64.23	4.10	9.42	V
	2139.45	-61.47	-13	-48.47	-75.51	-65.05	4.90	10.63	V
	2852.6	-53.17	-13	-40.17	-67.11	-58.09	5.55	12.62	V
	3565.75	-46.30	-13	-33.30	-62.69	-50.78	6.02	12.65	V
	4278.9	-47.70	-13	-34.70	-65.68	-51.12	7.15	12.72	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	-63.11	-13	-50.11	-72.75	-66.34	3.98	9.36	H
	2097.75	-61.45	-13	-48.45	-75.50	-65.00	4.85	10.55	H
	2797	-54.00	-13	-41.00	-68.11	-58.93	5.50	12.58	H
	3495	-45.18	-13	-32.18	-61.15	-49.65	5.98	12.60	H
	4194	-47.85	-13	-34.85	-66.75	-51.28	7.10	12.68	H
	1398.5	-63.21	-13	-50.21	-72.54	-66.44	3.98	9.36	V
	2097.75	-61.92	-13	-48.92	-75.64	-65.47	4.85	10.55	V
	2797	-54.00	-13	-41.00	-67.78	-58.93	5.50	12.58	V
	3495	-51.53	-13	-38.53	-67.02	-56.00	5.98	12.60	V
	4194	-51.23	-13	-38.23	-69.13	-54.66	7.10	12.68	V
Middle	1410.5	-60.57	-13	-47.57	-70.34	-63.82	4.00	9.40	H
	2115.75	-61.32	-13	-48.32	-75.51	-64.89	4.88	10.60	H
	2821	-59.38	-13	-46.38	-73.55	-64.31	5.52	12.60	H
	3537.5	-49.54	-13	-36.54	-65.96	-54.01	6.00	12.62	H
	4245	-52.27	-13	-39.27	-71.21	-55.68	7.14	12.70	H
	1410.5	-62.87	-13	-49.87	-72.31	-66.12	4.00	9.40	V
	2115.75	-61.02	-13	-48.02	-74.90	-64.59	4.88	10.60	V
	2821	-60.87	-13	-47.87	-74.71	-65.80	5.52	12.60	V
	3537.5	-61.30	-13	-48.30	-77.24	-65.77	6.00	12.62	V
	4245	-59.72	-13	-46.72	-77.66	-63.13	7.14	12.70	V
Highest	1422.5	-61.19	-13	-48.19	-70.94	-64.36	4.10	9.42	H
	2133.75	-61.10	-13	-48.10	-75.41	-64.68	4.90	10.63	H
	2845	-55.32	-13	-42.32	-69.61	-60.24	5.55	12.62	H
	3556.25	-42.25	-13	-29.25	-58.89	-46.73	6.02	12.65	H
	4267.5	-47.26	-13	-34.26	-66.22	-50.68	7.15	12.72	H
	1422.5	-59.92	-13	-46.92	-69.33	-63.09	4.10	9.42	V
	2133.75	-61.35	-13	-48.35	-75.38	-64.93	4.90	10.63	V
	2845	-52.88	-13	-39.88	-66.81	-57.80	5.55	12.62	V
	3556.25	-46.16	-13	-33.16	-62.33	-50.64	6.02	12.65	V
	4267.5	-49.16	-13	-36.16	-67.12	-52.58	7.15	12.72	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	-62.85	-13	-49.85	-72.49	-66.08	3.98	9.36	H
	2098.5	-59.37	-13	-46.37	-73.42	-62.92	4.85	10.55	H
	2798	-53.63	-13	-40.63	-67.75	-58.56	5.50	12.58	H
	3497.5	-42.51	-13	-29.51	-58.48	-46.98	5.98	12.60	H
	4197	-49.15	-13	-36.15	-68.05	-52.58	7.10	12.68	H
	1399	-59.86	-13	-46.86	-69.19	-63.09	3.98	9.36	V
	2098.5	-61.06	-13	-48.06	-74.78	-64.61	4.85	10.55	V
	2798	-53.13	-13	-40.13	-66.92	-58.06	5.50	12.58	V
	3497.5	-49.88	-13	-36.88	-65.37	-54.35	5.98	12.60	V
	4197	-44.64	-13	-31.64	-62.54	-48.07	7.10	12.68	V
Middle	1406	-63.26	-13	-50.26	-73.03	-66.51	4.00	9.40	H
	2109	-59.72	-13	-46.72	-73.77	-63.29	4.88	10.60	H
	2812	-53.70	-13	-40.70	-67.87	-58.63	5.52	12.60	H
	3512	-41.89	-13	-28.89	-58.08	-46.36	6.00	12.62	H
	4216	-45.77	-13	-32.77	-64.69	-49.18	7.14	12.70	H
	1406	-61.77	-13	-48.77	-71.21	-65.02	4.00	9.40	V
	2109	-58.90	-13	-45.90	-72.62	-62.47	4.88	10.60	V
	2812	-52.45	-13	-39.45	-66.29	-57.38	5.52	12.60	V
	3512	-48.55	-13	-35.55	-64.26	-53.02	6.00	12.62	V
	4216	-48.63	-13	-35.63	-66.55	-52.04	7.14	12.70	V
Highest	1413	-59.96	-13	-46.96	-69.73	-63.13	4.10	9.42	H
	2119.5	-48.87	-13	-35.87	-63.06	-52.45	4.90	10.63	H
	2826	-55.00	-13	-42.00	-69.18	-59.92	5.55	12.62	H
	3532.5	-43.33	-13	-30.33	-59.74	-47.81	6.02	12.65	H
	4239	-51.54	-13	-38.54	-70.48	-54.96	7.15	12.72	H
	1413	-62.12	-13	-49.12	-71.56	-65.29	4.10	9.42	V
	2119.5	-60.90	-13	-47.90	-74.78	-64.48	4.90	10.63	V
	2826	-57.80	-13	-44.80	-71.65	-62.72	5.55	12.62	V
	3532.5	-55.31	-13	-42.31	-71.24	-59.79	6.02	12.65	V
	4239	-57.28	-13	-44.28	-75.22	-60.70	7.15	12.72	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	-64.33	-13	-51.33	-73.47	-67.56	3.98	9.36	H
	2331.75	-51.77	-13	-38.77	-65.73	-55.32	4.85	10.55	H
	3109	-61.32	-13	-48.32	-76.67	-66.25	5.50	12.58	H
	3886.25	-53.52	-13	-40.52	-72.02	-57.99	5.98	12.60	H
	1554.5	-64.76	-13	-51.76	-73.41	-67.99	3.98	9.36	V
	2331.75	-54.40	-13	-41.40	-68.12	-57.95	4.85	10.55	V
	3109	-62.00	-13	-49.00	-76.99	-66.93	5.50	12.58	V
	3886.25	-57.84	-13	-44.84	-75.55	-62.31	5.98	12.60	V
Middle	1559.5	-63.81	-42.15	-21.66	-72.95	-67.06	4.00	9.40	H
	2339.25	-52.76	-13	-39.76	-66.60	-56.33	4.88	10.60	H
	3119	-61.22	-13	-48.22	-76.65	-66.15	5.52	12.60	H
	3898.75	-51.69	-13	-38.69	-70.29	-56.16	6.00	12.62	H
	1559.5	-64.30	-42.15	-22.15	-72.95	-67.55	4.00	9.40	V
	2339.25	-50.43	-13	-37.43	-64.02	-54.00	4.88	10.60	V
	3119	-60.80	-13	-47.80	-75.88	-65.73	5.52	12.60	V
	3898.75	-52.41	-13	-39.41	-70.24	-56.88	6.00	12.62	V
Highest	1564.5	-64.40	-42.15	-22.25	-73.54	-67.57	4.10	9.42	H
	2346.75	-51.80	-13	-38.80	-65.64	-55.38	4.90	10.63	H
	3129	-60.61	-13	-47.61	-76.04	-65.53	5.55	12.62	H
	3911.25	-51.37	-13	-38.37	-69.97	-55.85	6.02	12.65	H
	1564.5	-64.71	-42.15	-22.56	-73.36	-67.88	4.10	9.42	V
	2346.75	-55.33	-13	-42.33	-68.92	-58.91	4.90	10.63	V
	3129	-61.50	-13	-48.50	-76.58	-66.42	5.55	12.62	V
	3911.25	-57.34	-13	-44.34	-75.17	-61.82	6.02	12.65	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	-64.50	-42.15	-22.35	-73.64	-67.75	4.00	9.40	H
	2339.25	-62.00	-13	-49.00	-75.84	-65.57	4.88	10.60	H
	3119	-61.54	-13	-48.54	-76.97	-66.47	5.52	12.60	H
	1559.5	-65.02	-42.15	-22.87	-73.67	-68.27	4.00	9.40	V
	2339.25	-62.01	-13	-49.01	-75.60	-65.58	4.88	10.60	V
	3119	-61.74	-13	-48.74	-76.82	-66.67	5.52	12.60	V

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



LTE Band 17 / 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	1408.68	-60.94	-13	-47.94	-70.71	-64.17	3.98	9.36	H
	2113.02	-59.90	-13	-46.90	-73.96	-63.45	4.85	10.55	H
	2817.36	-59.88	-13	-46.88	-74.05	-64.81	5.50	12.58	H
	3521.7	-52.07	-13	-39.07	-68.26	-56.54	5.98	12.60	H
	4226.04	-47.78	-13	-34.78	-66.71	-51.21	7.10	12.68	H
	1408.68	-59.89	-13	-46.89	-69.33	-63.12	3.98	9.36	V
	2113.02	-59.75	-13	-46.75	-73.48	-63.30	4.85	10.55	V
	2817.36	-55.21	-13	-42.21	-69.05	-60.14	5.50	12.58	V
	3521.7	-43.82	-13	-30.82	-59.53	-48.29	5.98	12.60	V
	4226.04	-50.35	-13	-37.35	-68.29	-53.78	7.10	12.68	V
Middle	1415.68	-59.75	-13	-46.75	-69.52	-63.00	4.00	9.40	H
	2123.58	-61.41	-13	-48.41	-75.60	-64.98	4.88	10.60	H
	2831.36	-58.32	-13	-45.32	-72.56	-63.25	5.52	12.60	H
	3539.2	-49.99	-13	-36.99	-66.41	-54.46	6.00	12.62	H
	4247.04	-50.71	-13	-37.71	-69.65	-54.12	7.14	12.70	H
	1415.68	-62.51	-13	-49.51	-71.95	-65.76	4.00	9.40	V
	2123.58	-61.97	-13	-48.97	-75.85	-65.54	4.88	10.60	V
	2831.36	-57.12	-13	-44.12	-71.01	-62.05	5.52	12.60	V
	3539.2	-47.54	-13	-34.54	-63.48	-52.01	6.00	12.62	V
	4247.04	-56.39	-13	-43.39	-74.33	-59.80	7.14	12.70	V
Highest	1422.68	-56.35	-13	-43.35	-66.10	-59.52	4.10	9.42	H
	2134.02	-59.28	-13	-46.28	-73.59	-62.86	4.90	10.63	H
	2845.36	-55.47	-13	-42.47	-69.76	-60.39	5.55	12.62	H
	3556.7	-45.20	-13	-32.20	-61.84	-49.68	6.02	12.65	H
	4268.04	-44.51	-13	-31.51	-63.47	-47.93	7.15	12.72	H
	1422.68	-56.82	-13	-43.82	-66.23	-59.99	4.10	9.42	V
	2134.02	-57.33	-13	-44.33	-71.36	-60.91	4.90	10.63	V
	2845.36	-50.09	-13	-37.09	-64.02	-55.01	5.55	12.62	V
	3556.7	-35.00	-13	-22.00	-51.17	-39.48	6.02	12.65	V
	4268.04	-45.88	-13	-32.88	-63.84	-49.30	7.15	12.72	V

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



LTE Band 17 / 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	1409.18	-61.28	-13	-48.28	-71.05	-64.51	3.98	9.36	H
	2113.77	-60.37	-13	-47.37	-74.56	-63.92	4.85	10.55	H
	2818.36	-60.38	-13	-47.38	-74.55	-65.31	5.50	12.58	H
	3522.95	-53.30	-13	-40.30	-69.49	-57.77	5.98	12.60	H
	4227.54	-47.98	-13	-34.98	-66.91	-51.41	7.10	12.68	H
	1409.18	-61.48	-13	-48.48	-70.92	-64.71	3.98	9.36	V
	2113.77	-61.49	-13	-48.49	-75.37	-65.04	4.85	10.55	V
	2818.36	-56.49	-13	-43.49	-70.33	-61.42	5.50	12.58	V
	3522.95	-43.88	-13	-30.88	-59.59	-48.35	5.98	12.60	V
	4227.54	-50.93	-13	-37.93	-68.87	-54.36	7.10	12.68	V
Middle	1411.18	-60.67	-13	-47.67	-70.44	-63.92	4.00	9.40	H
	2116.77	-61.43	-13	-48.43	-75.62	-65.00	4.88	10.60	H
	2822.36	-61.28	-13	-48.28	-75.45	-66.21	5.52	12.60	H
	3527.95	-55.72	-13	-42.72	-72.13	-60.19	6.00	12.62	H
	4233.54	-52.69	-13	-39.69	-71.62	-56.10	7.14	12.70	H
	1411.18	-63.36	-13	-50.36	-72.80	-66.61	4.00	9.40	V
	2116.77	-62.14	-13	-49.14	-76.02	-65.71	4.88	10.60	V
	2822.36	-61.20	-13	-48.20	-75.04	-66.13	5.52	12.60	V
	3527.95	-55.72	-13	-42.72	-71.65	-60.19	6.00	12.62	V
	4233.54	-59.32	-13	-46.32	-77.26	-62.73	7.14	12.70	V
Highest	1413.18	-60.29	-13	-47.29	-70.06	-63.46	4.10	9.42	H
	2119.77	-60.74	-13	-47.74	-74.93	-64.32	4.90	10.63	H
	2826.36	-59.57	-13	-46.57	-73.75	-64.49	5.55	12.62	H
	3532.95	-54.15	-13	-41.15	-70.56	-58.63	6.02	12.65	H
	4239.54	-52.80	-13	-39.80	-71.74	-56.22	7.15	12.72	H
	1413.18	-62.44	-13	-49.44	-71.88	-65.61	4.10	9.42	V
	2119.77	-62.17	-13	-49.17	-76.05	-65.75	4.90	10.63	V
	2826.36	-58.71	-13	-45.71	-72.56	-63.63	5.55	12.62	V
	3532.95	-51.00	-13	-38.00	-66.93	-55.48	6.02	12.65	V
	4239.54	-58.80	-13	-45.80	-76.74	-62.22	7.15	12.72	V

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