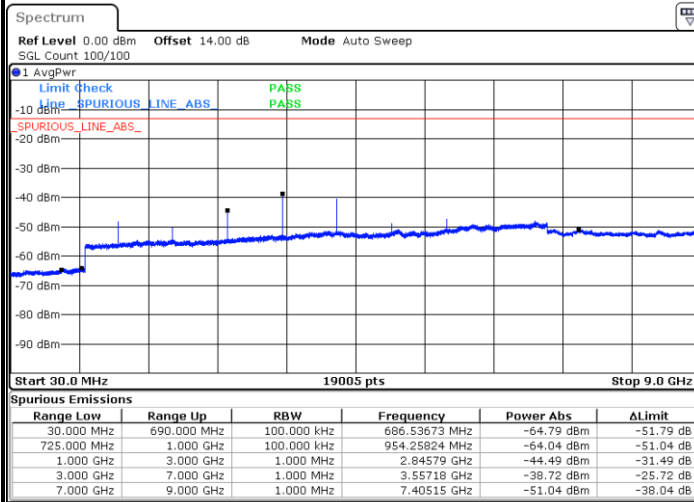




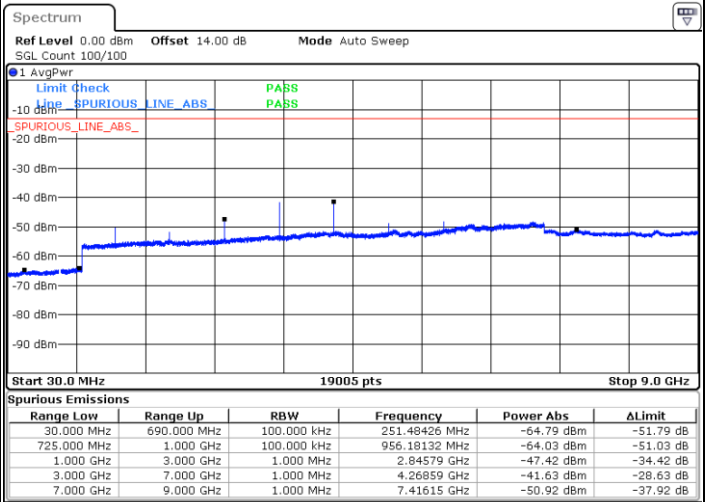
LTE Band 17 / 5MHz

Highest Channel / QPSK



Date: 22 MAR 2020 15:11:10

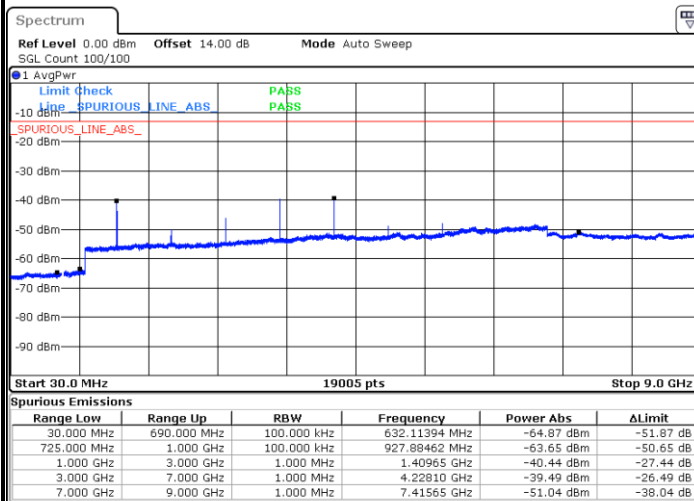
Highest Channel / 16QAM



Date: 22 MAR 2020 15:12:09

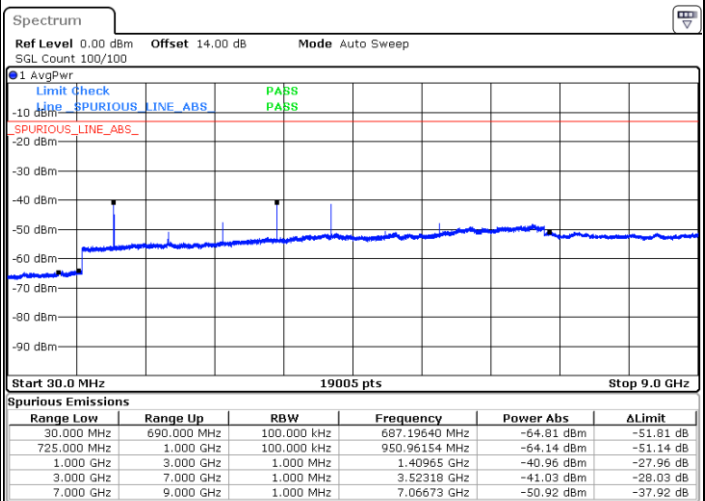
LTE Band 17 / 10MHz

Lowest Channel / QPSK



Date: 22 MAR 2020 15:16:42

Lowest Channel / 16QAM

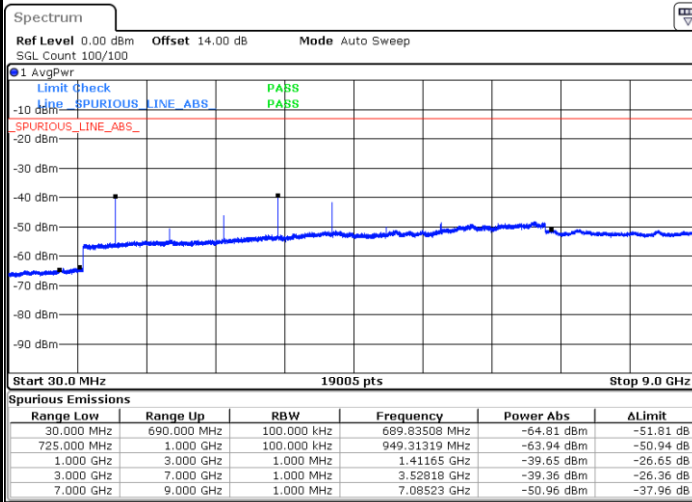


Date: 22 MAR 2020 15:17:42



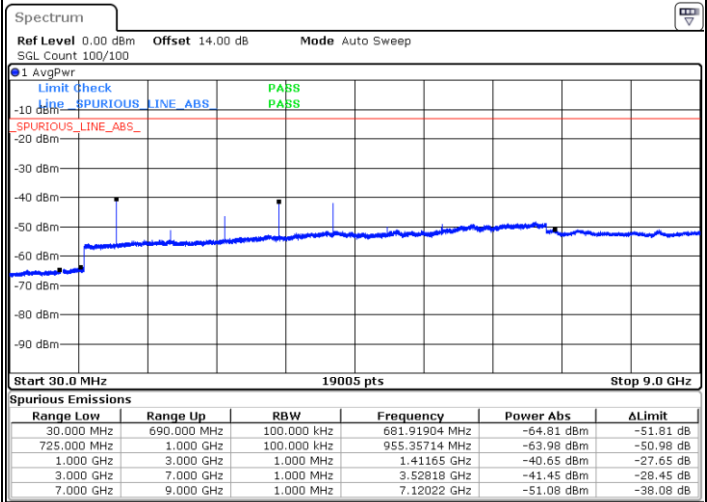
LTE Band 17 / 10MHz

Middle Channel / QPSK



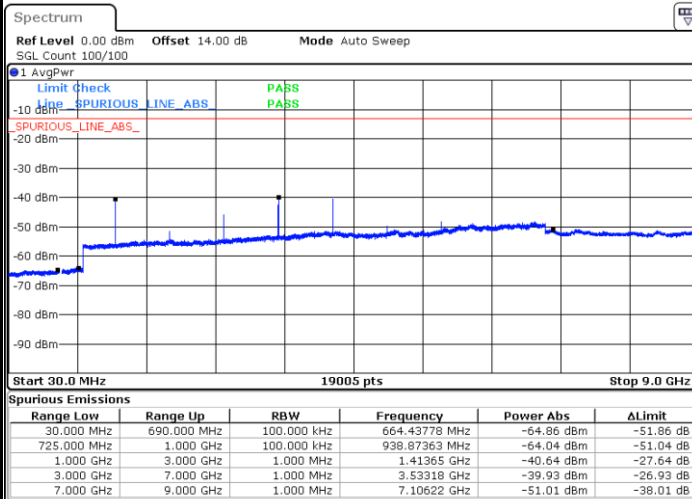
Date: 22 MAR 2020 15:19:24

Middle Channel / 16QAM



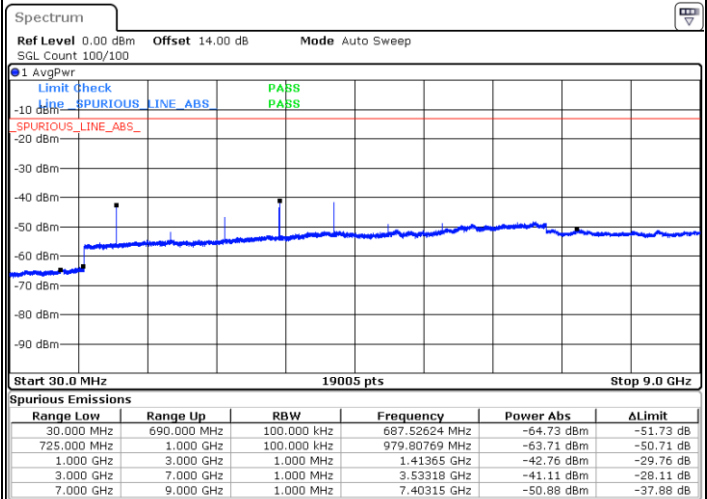
Date: 22 MAR 2020 15:20:24

Highest Channel / QPSK



Date: 22 MAR 2020 15:24:42

Highest Channel / 16QAM



Date: 22 MAR 2020 15:25:41

**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	0.0003	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0028	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

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.



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	-50.33	-13	-37.33	-67.25	-57.09	5.82	12.58	H
	5550.48	-62.81	-13	-49.81	-83.72	-68.53	7.28	13.00	H
	7400.64	-57.17	-13	-44.17	-84.01	-60.33	8.32	11.48	H
	3700.32	-48.85	-13	-35.85	-65.8	-55.61	5.82	12.58	V
	5550.48	-62.51	-13	-49.51	-83.62	-68.23	7.28	13.00	V
	7400.64	-57.25	-13	-44.25	-83.77	-60.41	8.32	11.48	V
Middle	3758.92	-56.85	-13	-43.85	-73.85	-63.60	5.85	12.60	H
	5638.38	-62.67	-13	-49.67	-83.34	-68.47	7.30	13.10	H
	7517.84	-57.51	-13	-44.51	-83.85	-60.66	8.35	11.50	H
	3758.92	-55.59	-13	-42.59	-72.63	-62.34	5.85	12.60	V
	5638.38	-62.60	-13	-49.60	-83.67	-68.40	7.30	13.10	V
	7517.84	-57.57	-13	-44.57	-83.69	-60.72	8.35	11.50	V
Highest	3817.52	-58.43	-13	-45.43	-75.57	-65.17	5.88	12.62	H
	5726.28	-63.03	-13	-50.03	-84.04	-68.84	7.32	13.13	H
	7635.04	-57.75	-13	-44.75	-83.76	-60.91	8.38	11.54	H
	3817.52	-56.20	-13	-43.20	-73.4	-62.94	5.88	12.62	V
	5726.28	-62.02	-13	-49.02	-83.36	-67.83	7.32	13.13	V
	7635.04	-57.85	-13	-44.85	-83.72	-61.01	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	-50.38	-13	-37.38	-67.30	-57.14	5.82	12.58	H
	5550.72	-62.81	-13	-49.81	-83.72	-68.53	7.28	13.00	H
	7400.96	-57.32	-13	-44.32	-84.16	-60.48	8.32	11.48	H
	3700.48	-49.75	-13	-36.75	-66.7	-56.51	5.82	12.58	V
	5550.72	-62.59	-13	-49.59	-83.7	-68.31	7.28	13.00	V
	7400.96	-57.43	-13	-44.43	-83.95	-60.59	8.32	11.48	V
Middle	3757.48	-57.99	-13	-44.99	-74.99	-64.74	5.85	12.60	H
	5636.22	-62.74	-13	-49.74	-83.41	-68.54	7.30	13.10	H
	7514.96	-57.36	-13	-44.36	-83.71	-60.51	8.35	11.50	H
	3757.48	-56.30	-13	-43.30	-73.34	-63.05	5.85	12.60	V
	5636.22	-62.75	-13	-49.75	-83.82	-68.55	7.30	13.10	V
	7514.96	-57.62	-13	-44.62	-83.75	-60.77	8.35	11.50	V
Highest	3814.48	-58.99	-13	-45.99	-76.13	-65.73	5.88	12.62	H
	5721.72	-63.01	-13	-50.01	-84.02	-68.82	7.32	13.13	H
	7628.96	-57.53	-13	-44.53	-83.54	-60.69	8.38	11.54	H
	3814.48	-58.11	-13	-45.11	-75.31	-64.85	5.88	12.62	V
	5721.72	-62.79	-13	-49.79	-84.13	-68.60	7.32	13.13	V
	7628.96	-57.81	-13	-44.81	-83.68	-60.97	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	-50.10	-13	-37.10	-67.02	-56.86	5.82	12.58	H
	5551.02	-61.94	-13	-48.94	-82.85	-67.66	7.28	13.00	H
	7401.36	-57.04	-13	-44.04	-83.88	-60.20	8.32	11.48	H
	3700.68	-48.72	-13	-35.72	-65.67	-55.48	5.82	12.58	V
	5551.02	-62.66	-13	-49.66	-83.77	-68.38	7.28	13.00	V
	7401.36	-57.37	-13	-44.37	-83.89	-60.53	8.32	11.48	V
Middle	3755.68	-58.39	-13	-45.39	-75.39	-65.14	5.85	12.60	H
	5633.52	-62.95	-13	-49.95	-83.62	-68.75	7.30	13.10	H
	7511.36	-57.59	-13	-44.59	-83.94	-60.74	8.35	11.50	H
	3755.68	-56.84	-13	-43.84	-73.88	-63.59	5.85	12.60	V
	5633.52	-62.43	-13	-49.43	-83.5	-68.23	7.30	13.10	V
	7511.36	-57.73	-13	-44.73	-83.86	-60.88	8.35	11.50	V
Highest	3810.68	-58.14	-13	-45.14	-75.22	-64.88	5.88	12.62	H
	5716.02	-62.87	-13	-49.87	-83.81	-68.68	7.32	13.13	H
	7621.36	-57.79	-13	-44.79	-83.79	-60.95	8.38	11.54	H
	3810.68	-58.81	-13	-45.81	-75.93	-65.55	5.88	12.62	V
	5716.02	-62.58	-13	-49.58	-83.87	-68.39	7.32	13.13	V
	7621.36	-57.39	-13	-44.39	-83.26	-60.55	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	-49.98	-13	-36.98	-66.90	-56.74	5.82	12.58	H
	5551.77	-61.96	-13	-48.96	-82.87	-67.68	7.28	13.00	H
	7402.36	-57.16	-13	-44.16	-84.00	-60.32	8.32	11.48	H
	3701.18	-49.28	-13	-36.28	-66.23	-56.04	5.82	12.58	V
	5551.77	-61.91	-13	-48.91	-83.02	-67.63	7.28	13.00	V
	7402.36	-57.06	-13	-44.06	-83.58	-60.22	8.32	11.48	V
Middle	3751.18	-55.30	-13	-42.30	-72.30	-62.05	5.85	12.60	H
	5626.77	-61.65	-13	-48.65	-82.50	-67.45	7.30	13.10	H
	7502	-56.91	-13	-43.91	-83.33	-60.06	8.35	11.50	H
	3751.18	-52.17	-13	-39.17	-69.21	-58.92	5.85	12.60	V
	5626.77	-62.44	-13	-49.44	-83.56	-68.24	7.30	13.10	V
	7502	-57.39	-13	-44.39	-83.57	-60.54	8.35	11.50	V
Highest	3801.18	-58.66	-13	-45.66	-75.74	-65.40	5.88	12.62	H
	5701.77	-60.93	-13	-47.93	-81.87	-66.74	7.32	13.13	H
	7602.36	-57.62	-13	-44.62	-83.62	-60.78	8.38	11.54	H
	3801.18	-58.03	-13	-45.03	-75.15	-64.77	5.88	12.62	V
	5701.77	-61.55	-13	-48.55	-82.84	-67.36	7.32	13.13	V
	7602.36	-57.67	-13	-44.67	-83.54	-60.83	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	-50.67	-13	-37.67	-67.59	-57.43	5.82	12.58	H
	5552.52	-62.48	-13	-49.48	-83.39	-68.20	7.28	13.00	H
	7403.36	-57.27	-13	-44.27	-84.11	-60.43	8.32	11.48	H
	3701.68	-49.94	-13	-36.94	-66.89	-56.70	5.82	12.58	V
	5552.52	-62.73	-13	-49.73	-83.84	-68.45	7.28	13.00	V
	7403.36	-57.48	-13	-44.48	-84	-60.64	8.32	11.48	V
Middle	3742.18	-58.13	-13	-45.13	-75.09	-64.88	5.85	12.60	H
	5613.27	-61.48	-13	-48.48	-82.51	-67.28	7.30	13.10	H
	7484.36	-57.13	-13	-44.13	-83.63	-60.28	8.35	11.50	H
	3742.18	-57.47	-13	-44.47	-74.47	-64.22	5.85	12.60	V
	5613.27	-62.68	-13	-49.68	-83.86	-68.48	7.30	13.10	V
	7484.36	-57.68	-13	-44.68	-83.93	-60.83	8.35	11.50	V
Highest	3791.68	-57.26	-13	-44.26	-74.32	-64.00	5.88	12.62	H
	5687.52	-61.14	-13	-48.14	-82.01	-66.95	7.32	13.13	H
	7583.36	-57.51	-13	-44.51	-83.58	-60.67	8.38	11.54	H
	3791.68	-56.36	-13	-43.36	-73.46	-63.10	5.88	12.62	V
	5687.52	-61.73	-13	-48.73	-82.96	-67.54	7.32	13.13	V
	7583.36	-57.95	-13	-44.95	-83.87	-61.11	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	-50.11	-13	-37.11	-67.03	-56.87	5.82	12.58	H
	5553.27	-62.39	-13	-49.39	-83.30	-68.11	7.28	13.00	H
	7404.36	-56.94	-13	-43.94	-83.78	-60.10	8.32	11.48	H
	3702.18	-48.63	-13	-35.63	-65.58	-55.39	5.82	12.58	V
	5553.27	-61.96	-13	-48.96	-83.07	-67.68	7.28	13.00	V
	7404.36	-57.44	-13	-44.44	-83.96	-60.60	8.32	11.48	V
Middle	3742.18	-56.83	-13	-43.83	-73.79	-63.58	5.85	12.60	H
	5613.27	-62.08	-13	-49.08	-83.11	-67.88	7.30	13.10	H
	7484.36	-57.24	-13	-44.24	-83.74	-60.39	8.35	11.50	H
	3742.18	-55.08	-13	-42.08	-72.08	-61.83	5.85	12.60	V
	5613.27	-62.60	-13	-49.60	-83.78	-68.40	7.30	13.10	V
	7484.36	-57.59	-13	-44.59	-83.84	-60.74	8.35	11.50	V
Highest	3782.18	-57.42	-13	-44.42	-74.48	-64.16	5.88	12.62	H
	5673.27	-63.00	-13	-50.00	-83.80	-68.81	7.32	13.13	H
	7564.36	-57.94	-13	-44.94	-84.08	-61.10	8.38	11.54	H
	3782.18	-56.17	-13	-43.17	-73.27	-62.91	5.88	12.62	V
	5673.27	-62.88	-13	-49.88	-84.06	-68.69	7.32	13.13	V
	7564.36	-57.73	-13	-44.73	-83.71	-60.89	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	-65.69	-13	-52.69	-80.86	-72.57	5.60	12.48	H
	5130.48	-63.61	-13	-50.61	-83.70	-69.29	7.10	12.78	H
	6840.64	-59.43	-13	-46.43	-84.32	-62.82	8.38	11.77	H
	3420.32	-66.40	-13	-53.40	-81.61	-73.28	5.60	12.48	V
	5130.48	-63.33	-13	-50.33	-83.85	-69.01	7.10	12.78	V
	6840.64	-59.21	-13	-46.21	-84.33	-62.60	8.38	11.77	V
Middle	3463.74	-64.19	-13	-51.19	-79.81	-71.04	5.65	12.50	H
	5195.61	-63.78	-13	-50.78	-83.95	-69.45	7.13	12.80	H
	6927.48	-59.29	-13	-46.29	-84.59	-62.69	8.40	11.80	H
	3463.74	-64.94	-13	-51.94	-80.59	-71.79	5.65	12.50	V
	5195.61	-62.90	-13	-49.90	-83.52	-68.57	7.13	12.80	V
	6927.48	-59.20	-13	-46.20	-84.61	-62.60	8.40	11.80	V
Highest	3507.52	-63.39	-13	-50.39	-79.45	-70.23	5.68	12.52	H
	5261.28	-64.62	-13	-51.62	-84.35	-70.29	7.15	12.82	H
	7015.04	-58.70	-13	-45.70	-84.35	-62.13	8.42	11.85	H
	3507.52	-65.12	-13	-52.12	-81.21	-71.96	5.68	12.52	V
	5261.28	-64.80	-13	-51.80	-84.58	-70.47	7.15	12.82	V
	7015.04	-58.40	-13	-45.40	-84.15	-61.83	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	-64.43	-13	-51.43	-79.60	-71.31	5.60	12.48	H
	5130.72	-62.59	-13	-49.59	-82.68	-68.27	7.10	12.78	H
	6840.96	-59.60	-13	-46.60	-84.49	-62.99	8.38	11.77	H
	3420.48	-64.91	-13	-51.91	-80.12	-71.79	5.60	12.48	V
	5130.72	-60.42	-13	-47.42	-80.94	-66.10	7.10	12.78	V
	6840.96	-59.03	-13	-46.03	-84.15	-62.42	8.38	11.77	V
Middle	3462.48	-64.36	-13	-51.36	-79.98	-71.21	5.65	12.50	H
	5193.72	-60.97	-13	-47.97	-81.14	-66.64	7.13	12.80	H
	6924.96	-58.99	-13	-45.99	-84.29	-62.39	8.40	11.80	H
	3462.48	-64.52	-13	-51.52	-80.17	-71.37	5.65	12.50	V
	5193.72	-58.33	-13	-45.33	-78.95	-64.00	7.13	12.80	V
	6924.96	-59.35	-13	-46.35	-84.76	-62.75	8.40	11.80	V
Highest	3504.48	-64.18	-13	-51.18	-80.09	-71.02	5.68	12.52	H
	5256.72	-63.02	-13	-50.02	-82.66	-68.69	7.15	12.82	H
	7008.96	-58.41	-13	-45.41	-84.00	-61.84	8.42	11.85	H
	3504.48	-64.50	-13	-51.50	-80.44	-71.34	5.68	12.52	V
	5256.72	-61.57	-13	-48.57	-81.22	-67.24	7.15	12.82	V
	7008.96	-56.17	-13	-43.17	-83.78	-59.60	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	-63.47	-13	-50.47	-78.64	-70.35	5.60	12.48	H
	5131.02	-62.56	-13	-49.56	-82.65	-68.24	7.10	12.78	H
	6841.36	-59.56	-13	-46.56	-84.45	-62.95	8.38	11.77	H
	3420.48	-64.62	-13	-51.62	-79.83	-71.50	5.60	12.48	V
	5130.72	-59.72	-13	-46.72	-80.24	-65.40	7.10	12.78	V
	6840.96	-59.00	-13	-46.00	-84.12	-62.39	8.38	11.77	V
Middle	3460.68	-64.38	-13	-51.38	-80.00	-71.23	5.65	12.50	H
	5191.02	-61.64	-13	-48.64	-81.81	-67.31	7.13	12.80	H
	6921.36	-59.23	-13	-46.23	-84.44	-62.63	8.40	11.80	H
	3460.68	-63.85	-13	-50.85	-79.5	-70.70	5.65	12.50	V
	5191.02	-58.73	-13	-45.73	-79.35	-64.40	7.13	12.80	V
	6921.36	-58.93	-13	-45.93	-84.28	-62.33	8.40	11.80	V
Highest	3500.68	-64.33	-13	-51.33	-80.24	-71.17	5.68	12.52	H
	5251.02	-62.65	-13	-49.65	-82.29	-68.32	7.15	12.82	H
	7001.36	-58.69	-13	-45.69	-84.31	-62.12	8.42	11.85	H
	3500.68	-64.46	-13	-51.46	-80.4	-71.30	5.68	12.52	V
	5251.02	-62.44	-13	-49.44	-82.09	-68.11	7.15	12.82	V
	7001.36	-58.74	-13	-45.74	-84.38	-62.17	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	-63.69	-13	-50.69	-78.86	-70.57	5.60	12.48	H
	5131.77	-61.95	-13	-48.95	-82.04	-67.63	7.10	12.78	H
	6842.36	-59.35	-13	-46.35	-84.24	-62.74	8.38	11.77	H
	3421.18	-64.64	-13	-51.64	-79.85	-71.52	5.60	12.48	V
	5131.77	-60.22	-13	-47.22	-80.74	-65.90	7.10	12.78	V
	6842.36	-59.01	-13	-46.01	-84.13	-62.40	8.38	11.77	V
Middle	3456.18	-64.20	-13	-51.20	-79.67	-71.05	5.65	12.50	H
	5184.27	-60.98	-13	-47.98	-81.13	-66.65	7.13	12.80	H
	6912.36	-59.00	-13	-46.00	-84.21	-62.40	8.40	11.80	H
	3456.18	-63.61	-13	-50.61	-79.11	-70.46	5.65	12.50	V
	5184.27	-58.76	-13	-45.76	-79.36	-64.43	7.13	12.80	V
	6912.36	-59.17	-13	-46.17	-84.52	-62.57	8.40	11.80	V
Highest	3491.18	-63.73	-13	-50.73	-79.64	-70.57	5.68	12.52	H
	5236.77	-63.66	-13	-50.66	-83.48	-69.33	7.15	12.82	H
	6982.36	-58.60	-13	-45.60	-84.13	-62.03	8.42	11.85	H
	3491.18	-63.34	-13	-50.34	-79.28	-70.18	5.68	12.52	V
	5236.77	-63.40	-13	-50.40	-83.38	-69.07	7.15	12.82	V
	6982.36	-58.36	-13	-45.36	-83.93	-61.79	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	-64.34	-13	-51.34	-79.51	-71.22	5.60	12.48	H
	5132.52	-62.45	-13	-49.45	-82.54	-68.13	7.10	12.78	H
	6843.36	-59.51	-13	-46.51	-84.40	-62.90	8.38	11.77	H
	3421.68	-64.70	-13	-51.70	-79.91	-71.58	5.60	12.48	V
	5132.52	-59.83	-13	-46.83	-80.35	-65.51	7.10	12.78	V
	6843.36	-59.02	-13	-46.02	-84.14	-62.41	8.38	11.77	V
Middle	3451.68	-63.80	-13	-50.80	-79.27	-70.65	5.65	12.50	H
	5177.52	-61.85	-13	-48.85	-82.00	-67.52	7.13	12.80	H
	6903.36	-59.36	-13	-46.36	-84.48	-62.76	8.40	11.80	H
	3451.68	-63.50	-13	-50.50	-79	-70.35	5.65	12.50	V
	5177.52	-57.92	-13	-44.92	-78.52	-63.59	7.13	12.80	V
	6903.36	-59.24	-13	-46.24	-84.52	-62.64	8.40	11.80	V
Highest	3481.68	-63.76	-13	-50.76	-79.52	-70.60	5.68	12.52	H
	5222.52	-61.46	-13	-48.46	-81.46	-67.13	7.15	12.82	H
	6963.36	-58.60	-13	-45.60	-84.05	-62.03	8.42	11.85	H
	3481.68	-63.45	-13	-50.45	-79.25	-70.29	5.68	12.52	V
	5222.52	-62.56	-13	-49.56	-82.86	-68.23	7.15	12.82	V
	6963.36	-58.59	-13	-45.59	-84.11	-62.02	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	-64.16	-13	-51.16	-79.33	-71.04	5.60	12.48	H
	5133.27	-62.00	-13	-49.00	-82.09	-67.68	7.10	12.78	H
	6844.36	-59.38	-13	-46.38	-84.27	-62.77	8.38	11.77	H
	3422.18	-64.70	-13	-51.70	-79.91	-71.58	5.60	12.48	V
	5133.27	-59.13	-13	-46.13	-79.65	-64.81	7.10	12.78	V
	6844.36	-59.01	-13	-46.01	-84.13	-62.40	8.38	11.77	V
Middle	3447.18	-63.87	-13	-50.87	-79.34	-70.72	5.65	12.50	H
	5170.77	-60.20	-13	-47.20	-80.33	-65.87	7.13	12.80	H
	6894.36	-58.95	-13	-45.95	-84.08	-62.35	8.40	11.80	H
	3447.18	-63.94	-13	-50.94	-79.44	-70.79	5.65	12.50	V
	5170.77	-58.59	-13	-45.59	-79.17	-64.26	7.13	12.80	V
	6894.36	-59.26	-13	-46.26	-84.55	-62.66	8.40	11.80	V
Highest	3472.18	-64.01	-13	-51.01	-79.63	-70.85	5.68	12.52	H
	5208.27	-60.91	-13	-47.91	-80.90	-66.58	7.15	12.82	H
	6944.36	-59.14	-13	-46.14	-84.51	-62.57	8.42	11.85	H
	3472.18	-64.63	-13	-51.63	-80.28	-71.47	5.68	12.52	V
	5208.27	-61.28	-13	-48.28	-81.57	-66.95	7.15	12.82	V
	6944.36	-59.03	-13	-46.03	-84.49	-62.46	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)	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	1649.92	-58.01	-13	-45.01	-67.08	-61.24	3.98	9.36	H
	2474.88	-63.28	-13	-50.28	-76.78	-66.83	4.85	10.55	H
	3299.84	-56.71	-13	-43.71	-72.29	-61.64	5.50	12.58	H
	4123.5	-54.98	-13	-41.98	-72.91	-59.45	5.98	12.60	H
	4949.76	-57.31	-13	-44.31	-77.27	-60.74	7.10	12.68	H
	1649.92	-55.24	-13	-42.24	-63.94	-58.47	3.98	9.36	V
	2474.88	-62.71	-13	-49.71	-76.14	-66.26	4.85	10.55	V
	3299.84	-46.22	-13	-33.22	-61.87	-51.15	5.50	12.58	V
	4123.5	-50.92	-13	-37.92	-68.83	-55.39	5.98	12.60	V
	4949.76	-54.24	-13	-41.24	-74.56	-57.67	7.10	12.68	V
Middle	1671.92	-55.99	-13	-42.99	-64.84	-59.24	4.00	9.40	H
	2507.88	-62.27	-13	-49.27	-75.75	-65.84	4.88	10.60	H
	3343.84	-52.84	-13	-39.84	-68.31	-57.77	5.52	12.60	H
	4179.8	-50.02	-13	-37.02	-68.00	-54.49	6.00	12.62	H
	5015.76	-57.28	-13	-44.28	-77.22	-60.69	7.14	12.70	H
	1671.92	-52.01	-13	-39.01	-60.65	-55.26	4.00	9.40	V
	2507.88	-61.71	-13	-48.71	-75.04	-65.28	4.88	10.60	V
	3343.84	-40.48	-13	-27.48	-55.95	-45.41	5.52	12.60	V
	4179.8	-46.82	-13	-33.82	-64.69	-51.29	6.00	12.62	V
	5015.76	-53.60	-13	-40.60	-73.94	-57.01	7.14	12.70	V
Highest	1695.52	-56.85	-13	-43.85	-65.83	-60.02	4.10	9.42	H
	2543.28	-63.16	-13	-50.16	-76.56	-66.74	4.90	10.63	H
	3391.04	-48.15	-13	-35.15	-63.18	-53.07	5.55	12.62	H
	4241.5	-44.70	-13	-31.70	-62.90	-49.18	6.02	12.65	H
	5086.56	-56.92	-13	-43.92	-76.95	-60.34	7.15	12.72	H
	1695.52	-54.61	-13	-41.61	-63.39	-57.78	4.10	9.42	V
	2543.28	-64.43	-13	-51.43	-77.73	-68.01	4.90	10.63	V
	3391.04	-35.71	-13	-22.71	-50.77	-40.63	5.55	12.62	V
	4241.5	-43.55	-13	-30.55	-61.70	-48.03	6.02	12.65	V
	5086.56	-56.61	-13	-43.61	-77.06	-60.03	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)	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	1648.48	-57.77	-13	-44.77	-66.84	-61.00	3.98	9.36	H
	2472.72	-62.94	-13	-49.94	-76.44	-66.49	4.85	10.55	H
	3296.96	-56.52	-13	-43.52	-72.10	-61.45	5.50	12.58	H
	4120.75	-55.53	-13	-42.53	-73.46	-60.00	5.98	12.60	H
	4944.9	-56.89	-13	-43.89	-76.85	-60.32	7.10	12.68	H
	1648.48	-54.15	-13	-41.15	-62.85	-57.38	3.98	9.36	V
	2472.72	-61.47	-13	-48.47	-74.90	-65.02	4.85	10.55	V
	3296.96	-44.86	-13	-31.86	-60.51	-49.79	5.50	12.58	V
	4120.75	-50.33	-13	-37.33	-68.24	-54.80	5.98	12.60	V
	4944.9	-54.16	-13	-41.16	-74.48	-57.59	7.10	12.68	V
Middle	1670.48	-54.69	-13	-41.69	-63.66	-57.94	4.00	9.40	H
	2505.72	-62.05	-13	-49.05	-75.53	-65.62	4.88	10.60	H
	3340.96	-51.51	-13	-38.51	-66.98	-56.44	5.52	12.60	H
	4175.75	-48.35	-13	-35.35	-66.33	-52.82	6.00	12.62	H
	5010.9	-56.53	-13	-43.53	-76.47	-59.94	7.14	12.70	H
	1670.48	-51.72	-13	-38.72	-60.41	-54.97	4.00	9.40	V
	2505.72	-62.26	-13	-49.26	-75.59	-65.83	4.88	10.60	V
	3340.96	-39.73	-13	-26.73	-55.20	-44.66	5.52	12.60	V
	4175.75	-45.41	-13	-32.41	-63.28	-49.88	6.00	12.62	V
	5010.9	-53.63	-13	-40.63	-73.97	-57.04	7.14	12.70	V
Highest	1692.48	-55.96	-13	-42.96	-64.94	-59.13	4.10	9.42	H
	2538.72	-63.69	-13	-50.69	-77.08	-67.27	4.90	10.63	H
	3384.96	-50.61	-13	-37.61	-65.78	-55.53	5.55	12.62	H
	4230.75	-45.61	-13	-32.61	-63.75	-50.09	6.02	12.65	H
	5076.9	-58.26	-13	-45.26	-78.29	-61.68	7.15	12.72	H
	1692.48	-54.34	-13	-41.34	-63.12	-57.51	4.10	9.42	V
	2538.72	-64.99	-13	-51.99	-78.28	-68.57	4.90	10.63	V
	3384.96	-36.74	-13	-23.74	-51.94	-41.66	5.55	12.62	V
	4230.75	-43.78	-13	-30.78	-61.86	-48.26	6.02	12.65	V
	5076.9	-57.69	-13	-44.69	-78.14	-61.11	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)	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	1648.68	-52.50	-13	-39.50	-61.57	-55.73	3.98	9.36	H
	2473.02	-60.96	-13	-47.96	-74.46	-64.51	4.85	10.55	H
	3297.36	-44.16	-13	-31.16	-59.74	-49.09	5.50	12.58	H
	4121.25	-47.03	-13	-34.03	-64.96	-51.50	5.98	12.60	H
	4945.5	-53.90	-13	-40.90	-73.86	-57.33	7.10	12.68	H
	1648.68	-53.06	-13	-40.06	-61.76	-56.29	3.98	9.36	V
	2473.02	-61.51	-13	-48.51	-74.94	-65.06	4.85	10.55	V
	3297.36	-43.85	-13	-30.85	-59.50	-48.78	5.50	12.58	V
	4121.25	-47.44	-13	-34.44	-65.35	-51.91	5.98	12.60	V
	4945.5	-53.01	-13	-40.01	-73.33	-56.44	7.10	12.68	V
Middle	1668.68	-55.41	-13	-42.41	-64.38	-58.66	4.00	9.40	H
	2503.02	-60.08	-13	-47.08	-73.58	-63.65	4.88	10.60	H
	3337.36	-49.01	-13	-36.01	-64.51	-53.94	5.52	12.60	H
	4171.25	-47.71	-13	-34.71	-65.71	-52.18	6.00	12.62	H
	5005.5	-57.37	-13	-44.37	-77.31	-60.78	7.14	12.70	H
	1668.68	-52.26	-13	-39.26	-60.95	-55.51	4.00	9.40	V
	2503.02	-60.80	-13	-47.80	-74.19	-64.37	4.88	10.60	V
	3337.36	-39.84	-13	-26.84	-55.37	-44.77	5.52	12.60	V
	4171.25	-45.42	-13	-32.42	-63.31	-49.89	6.00	12.62	V
	5005.5	-55.05	-13	-42.05	-75.39	-58.46	7.14	12.70	V
Highest	1688.68	-55.19	-13	-42.19	-64.17	-58.36	4.10	9.42	H
	2533.02	-62.30	-13	-49.30	-75.74	-65.88	4.90	10.63	H
	3377.36	-51.44	-13	-38.44	-66.61	-56.36	5.55	12.62	H
	4221.25	-45.72	-13	-32.72	-63.81	-50.20	6.02	12.65	H
	5065.5	-56.15	-13	-43.15	-76.15	-59.57	7.15	12.72	H
	1688.68	-53.61	-13	-40.61	-62.39	-56.78	4.10	9.42	V
	2533.02	-63.18	-13	-50.18	-76.50	-66.76	4.90	10.63	V
	3377.36	-38.48	-13	-25.48	-53.68	-43.40	5.55	12.62	V
	4221.25	-44.32	-13	-31.32	-62.33	-48.80	6.02	12.65	V
	5065.5	-56.18	-13	-43.18	-76.60	-59.60	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)	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	1649.18	-58.39	-13	-45.39	-67.46	-61.62	3.98	9.36	H
	2473.77	-63.16	-13	-50.16	-76.66	-66.71	4.85	10.55	H
	3298.36	-52.49	-13	-39.49	-68.07	-57.42	5.50	12.58	H
	4122.5	-52.56	-13	-39.56	-70.49	-57.03	5.98	12.60	H
	4947	-59.40	-13	-46.40	-79.36	-62.83	7.10	12.68	H
	1649.18	-54.63	-13	-41.63	-63.33	-57.86	3.98	9.36	V
	2473.77	-61.31	-13	-48.31	-74.74	-64.86	4.85	10.55	V
	3298.36	-45.23	-13	-32.23	-60.88	-50.16	5.50	12.58	V
	4122.5	-50.26	-13	-37.26	-68.17	-54.73	5.98	12.60	V
	4947	-56.21	-13	-43.21	-76.53	-59.64	7.10	12.68	V
Middle	1664.18	-53.80	-13	-40.80	-62.77	-57.05	4.00	9.40	H
	2496.27	-61.79	-13	-48.79	-75.29	-65.36	4.88	10.60	H
	3328.36	-50.05	-13	-37.05	-65.55	-54.98	5.52	12.60	H
	4160	-48.73	-13	-35.73	-66.70	-53.20	6.00	12.62	H
	4992	-58.04	-13	-45.04	-77.96	-61.45	7.14	12.70	H
	1664.18	-52.92	-13	-39.92	-61.61	-56.17	4.00	9.40	V
	2496.27	-60.89	-13	-47.89	-74.28	-64.46	4.88	10.60	V
	3328.36	-42.50	-13	-29.50	-58.03	-47.43	5.52	12.60	V
	4160	-45.98	-13	-32.98	-63.87	-50.45	6.00	12.62	V
	4992	-54.47	-13	-41.47	-74.79	-57.88	7.14	12.70	V
Highest	1679.18	-58.76	-13	-45.76	-67.63	-61.93	4.10	9.42	H
	2518.77	-61.88	-13	-48.88	-75.37	-65.46	4.90	10.63	H
	3358.36	-48.15	-13	-35.15	-63.47	-53.07	5.55	12.62	H
	4197.5	-48.62	-13	-35.62	-66.66	-53.10	6.02	12.65	H
	5037	-58.24	-13	-45.24	-78.21	-61.66	7.15	12.72	H
	1679.18	-54.58	-13	-41.58	-63.24	-57.75	4.10	9.42	V
	2518.77	-63.42	-13	-50.42	-76.76	-67.00	4.90	10.63	V
	3358.36	-38.17	-13	-25.17	-53.50	-43.09	5.55	12.62	V
	4197.5	-46.97	-13	-33.97	-64.92	-51.45	6.02	12.65	V
	5037	-55.97	-13	-42.97	-76.34	-59.39	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)	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	1398.14	-60.71	-13	-47.71	-70.12	-63.94	3.98	9.36	H
	2097.21	-67.73	-13	-54.73	-80.46	-71.28	4.85	10.55	H
	2796.28	-50.32	-13	-37.32	-64.07	-55.25	5.50	12.58	H
	3495.35	-52.64	-13	-39.64	-68.55	-57.11	5.98	12.60	H
	4194.42	-58.37	-13	-45.37	-76.41	-61.80	7.10	12.68	H
	4893.49	-59.39	-13	-46.39	-79.38	-62.54	7.60	12.90	H
	5592.56	-60.92	-13	-47.92	-81.91	-63.46	7.98	12.67	H
	1398.14	-67.93	-13	-54.93	-77.26	-71.16	3.98	9.36	V
	2097.21	-67.81	-13	-54.81	-80.47	-71.36	4.85	10.55	V
	2796.28	-60.57	-13	-47.57	-75.03	-65.50	5.50	12.58	V
	3495.35	-53.49	-13	-40.49	-69.43	-57.96	5.98	12.60	V
	4194.42	-61.92	-13	-48.92	-79.87	-65.35	7.10	12.68	V
	4893.49	-61.57	-13	-48.57	-81.88	-64.72	7.60	12.90	V
	5592.56	-60.48	-13	-47.48	-81.63	-63.02	7.98	12.67	V
Middle	1413.74	-65.23	-13	-52.23	-74.68	-68.48	4.00	9.40	H
	2120.61	-67.31	-13	-54.31	-80.29	-70.88	4.88	10.60	H
	2827.48	-49.84	-13	-36.84	-63.76	-54.77	5.52	12.60	H
	3534.35	-50.81	-13	-37.81	-67.00	-55.28	6.00	12.62	H
	4241.22	-53.60	-13	-40.60	-71.80	-57.01	7.14	12.70	H
	4948.09	-58.13	-13	-45.13	-78.09	-61.36	7.62	13.00	H
	5654.96	-61.48	-13	-48.48	-82.21	-64.03	8.00	12.70	H
	1413.74	-69.00	-13	-56.00	-78.41	-72.25	4.00	9.40	V
	2120.61	-67.67	-13	-54.67	-80.56	-71.24	4.88	10.60	V
	2827.48	-58.56	-13	-45.56	-73.09	-63.49	5.52	12.60	V
	3534.35	-53.05	-13	-40.05	-69.28	-57.52	6.00	12.62	V
	4241.22	-56.07	-13	-43.07	-74.22	-59.48	7.14	12.70	V
	4948.09	-61.70	-13	-48.70	-82.02	-64.93	7.62	13.00	V
	5654.96	-61.58	-13	-48.58	-82.70	-64.13	8.00	12.70	V
Highest	1429.34	-59.25	-13	-46.25	-68.74	-62.42	4.10	9.42	H
	2144.01	-66.75	-13	-53.75	-79.98	-70.33	4.90	10.63	H
	2858.68	-42.25	-13	-29.25	-56.49	-47.17	5.55	12.62	H
	3573.35	-46.44	-13	-33.44	-62.91	-50.92	6.02	12.65	H
	4288.02	-51.44	-13	-38.44	-69.73	-54.86	7.15	12.72	H
	5002.69	-55.64	-13	-42.64	-75.56	-58.87	7.64	13.02	H
	5717.36	-59.78	-13	-46.78	-80.72	-62.33	8.04	12.74	H
	1429.34	-68.18	-13	-55.18	-77.57	-71.35	4.10	9.42	V
	2144.01	-66.92	-13	-53.92	-80.04	-70.50	4.90	10.63	V
	2858.68	-51.71	-13	-38.71	-66.34	-56.63	5.55	12.62	V
	3573.35	-49.31	-13	-36.31	-65.81	-53.79	6.02	12.65	V
	4288.02	-53.36	-13	-40.36	-71.64	-56.78	7.15	12.72	V
	5002.69	-59.76	-13	-46.76	-80.08	-62.99	7.64	13.02	V
	5717.36	-60.35	-13	-47.35	-81.64	-62.90	8.04	12.74	V

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



LTE Band 12 / 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	1398.3	-60.85	-13	-47.85	-70.26	-64.08	3.98	9.36	H
	2097.45	-67.75	-13	-54.75	-80.48	-71.30	4.85	10.55	H
	2796.6	-49.54	-13	-36.54	-63.29	-54.47	5.50	12.58	H
	3495.75	-52.19	-13	-39.19	-68.10	-56.66	5.98	12.60	H
	4194.9	-57.83	-13	-44.83	-75.87	-61.26	7.10	12.68	H
	4894.05	-59.47	-13	-46.47	-79.46	-62.62	7.60	12.90	H
	5593.2	-60.91	-13	-47.91	-81.90	-63.45	7.98	12.67	H
	1398.3	-68.39	-13	-55.39	-77.72	-71.62	3.98	9.36	V
	2097.45	-67.32	-13	-54.32	-79.98	-70.87	4.85	10.55	V
	2796.6	-60.23	-13	-47.23	-74.69	-65.16	5.50	12.58	V
	3495.75	-51.99	-13	-38.99	-67.93	-56.46	5.98	12.60	V
	4194.9	-60.54	-13	-47.54	-78.49	-63.97	7.10	12.68	V
	4894.05	-60.26	-13	-47.26	-80.57	-63.41	7.60	12.90	V
	5593.2	-61.33	-13	-48.33	-82.48	-63.87	7.98	12.67	V
Middle	1412.3	-64.89	-13	-51.89	-74.34	-68.14	4.00	9.40	H
	2118.45	-67.27	-13	-54.27	-80.25	-70.84	4.88	10.60	H
	2824.6	-47.42	-13	-34.42	-61.34	-52.35	5.52	12.60	H
	3530.75	-50.49	-13	-37.49	-66.68	-54.96	6.00	12.62	H
	4236.9	-53.12	-13	-40.12	-71.26	-56.53	7.14	12.70	H
	4943	-58.41	-13	-45.41	-78.37	-61.64	7.62	13.00	H
	5649.2	-60.97	-13	-47.97	-81.64	-63.52	8.00	12.70	H
	1412.3	-68.72	-13	-55.72	-78.13	-71.97	4.00	9.40	V
	2118.45	-67.56	-13	-54.56	-80.45	-71.13	4.88	10.60	V
	2824.6	-58.78	-13	-45.78	-73.31	-63.71	5.52	12.60	V
	3530.75	-51.73	-13	-38.73	-67.96	-56.20	6.00	12.62	V
	4236.9	-54.85	-13	-41.85	-72.93	-58.26	7.14	12.70	V
	4943	-60.78	-13	-47.78	-81.10	-64.01	7.62	13.00	V
	5649.2	-60.50	-13	-47.50	-81.57	-63.05	8.00	12.70	V
Highest	1425.9	-58.37	-13	-45.37	-67.86	-61.54	4.10	9.42	H
	2138.85	-67.28	-13	-54.28	-80.51	-70.86	4.90	10.63	H
	2851.8	-43.26	-13	-30.26	-57.50	-48.18	5.55	12.62	H
	3564.75	-48.16	-13	-35.16	-64.63	-52.64	6.02	12.65	H
	4277.7	-53.62	-13	-40.62	-71.91	-57.04	7.15	12.72	H
	4990.65	-55.30	-13	-42.30	-75.23	-58.53	7.64	13.02	H
	5703.6	-60.14	-13	-47.14	-81.08	-62.69	8.04	12.74	H
	1425.9	-68.35	-13	-55.35	-77.74	-71.52	4.10	9.42	V
	2138.85	-67.17	-13	-54.17	-80.29	-70.75	4.90	10.63	V
	2851.8	-52.74	-13	-39.74	-67.37	-57.66	5.55	12.62	V
	3564.75	-49.54	-13	-36.54	-66.04	-54.02	6.02	12.65	V
	4277.7	-55.50	-13	-42.50	-73.78	-58.92	7.15	12.72	V
	4990.65	-59.50	-13	-46.50	-79.83	-62.73	7.64	13.02	V
	5703.6	-60.28	-13	-47.28	-81.57	-62.83	8.04	12.74	V

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



LTE Band 12 / 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	1398.5	-60.70	-13	-47.70	-70.11	-63.93	3.98	9.36	H
	2097.75	-67.70	-13	-54.70	-80.43	-71.25	4.85	10.55	H
	2797	-50.10	-13	-37.10	-63.85	-55.03	5.50	12.58	H
	3496.25	-51.46	-13	-38.46	-67.37	-55.93	5.98	12.60	H
	4195.5	-56.60	-13	-43.60	-74.64	-60.03	7.10	12.68	H
	4894.75	-58.17	-13	-45.17	-78.16	-61.32	7.60	12.90	H
	5594	-60.96	-13	-47.96	-81.95	-63.50	7.98	12.67	H
	1398.5	-68.68	-13	-55.68	-78.01	-71.91	3.98	9.36	V
	2097.75	-67.25	-13	-54.25	-79.91	-70.80	4.85	10.55	V
	2797	-61.05	-13	-48.05	-75.51	-65.98	5.50	12.58	V
	3496.25	-52.64	-13	-39.64	-68.58	-57.11	5.98	12.60	V
	4195.5	-60.73	-13	-47.73	-78.68	-64.16	7.10	12.68	V
	4894.75	-60.87	-13	-47.87	-81.18	-64.02	7.60	12.90	V
	5594	-60.71	-13	-47.71	-81.86	-63.25	7.98	12.67	V
Middle	1410.5	-63.18	-13	-50.18	-72.63	-66.43	4.00	9.40	H
	2115.75	-66.65	-13	-53.65	-79.63	-70.22	4.88	10.60	H
	2821	-47.25	-13	-34.25	-61.16	-52.18	5.52	12.60	H
	3526.25	-51.09	-13	-38.09	-67.28	-55.56	6.00	12.62	H
	4231.5	-51.96	-13	-38.96	-70.10	-55.37	7.14	12.70	H
	4936.75	-58.63	-13	-45.63	-78.60	-61.86	7.62	13.00	H
	5642	-60.24	-13	-47.24	-80.91	-62.79	8.00	12.70	H
	1410.5	-68.84	-13	-55.84	-78.25	-72.09	4.00	9.40	V
	2115.75	-67.60	-13	-54.60	-80.49	-71.17	4.88	10.60	V
	2821	-57.62	-13	-44.62	-72.14	-62.55	5.52	12.60	V
	3526.25	-52.10	-13	-39.10	-68.33	-56.57	6.00	12.62	V
	4231.5	-55.49	-13	-42.49	-73.57	-58.90	7.14	12.70	V
	4936.75	-61.33	-13	-48.33	-81.66	-64.56	7.62	13.00	V
	5642	-60.78	-13	-47.78	-81.85	-63.33	8.00	12.70	V
Highest	1422.5	-59.14	-13	-46.14	-68.63	-62.31	4.10	9.42	H
	2133.75	-66.87	-13	-53.87	-80.08	-70.45	4.90	10.63	H
	2845	-46.88	-13	-33.88	-61.11	-51.80	5.55	12.62	H
	3556.25	-51.52	-13	-38.52	-67.85	-56.00	6.02	12.65	H
	4267.5	-54.88	-13	-41.88	-73.12	-58.30	7.15	12.72	H
	4978.75	-57.08	-13	-44.08	-77.02	-60.31	7.64	13.02	H
	5690	-61.28	-13	-48.28	-82.15	-63.83	8.04	12.74	H
	1422.5	-67.59	-13	-54.59	-76.98	-70.76	4.10	9.42	V
	2133.75	-66.58	-13	-53.58	-79.68	-70.16	4.90	10.63	V
	2845	-56.13	-13	-43.13	-70.75	-61.05	5.55	12.62	V
	3556.25	-53.07	-13	-40.07	-69.43	-57.55	6.02	12.65	V
	4267.5	-56.10	-13	-43.10	-74.31	-59.52	7.15	12.72	V
	4978.75	-60.22	-13	-47.22	-80.54	-63.45	7.64	13.02	V
	5690	-61.80	-13	-48.80	-83.03	-64.35	8.04	12.74	V

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



LTE Band 12 / 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	1399	-60.20	-13	-47.20	-69.61	-63.43	3.98	9.36	H
	2098.5	-67.66	-13	-54.66	-80.39	-71.21	4.85	10.55	H
	2798	-47.89	-13	-34.89	-61.65	-52.82	5.50	12.58	H
	3497.5	-51.60	-13	-38.60	-67.51	-56.07	5.98	12.60	H
	4197	-57.24	-13	-44.24	-75.28	-60.67	7.10	12.68	H
	4896.5	-56.63	-13	-43.63	-76.62	-59.78	7.60	12.90	H
	5600	-60.35	-13	-47.35	-81.38	-62.89	7.98	12.67	H
	1399	-68.37	-13	-55.37	-77.70	-71.60	3.98	9.36	V
	2098.5	-67.44	-13	-54.44	-80.10	-70.99	4.85	10.55	V
	2798	-58.86	-13	-45.86	-73.33	-63.79	5.50	12.58	V
	3497.5	-53.73	-13	-40.73	-69.67	-58.20	5.98	12.60	V
	4197	-58.93	-13	-45.93	-76.88	-62.36	7.10	12.68	V
	4896.5	-61.26	-13	-48.26	-81.57	-64.41	7.60	12.90	V
	5596	-60.90	-13	-47.90	-82.05	-63.44	7.98	12.67	V
Middle	1406	-61.27	-13	-48.27	-70.72	-64.52	4.00	9.40	H
	2109	-67.23	-13	-54.23	-79.96	-70.80	4.88	10.60	H
	2812	-46.14	-13	-33.14	-60.05	-51.07	5.52	12.60	H
	3515	-48.28	-13	-35.28	-64.33	-52.75	6.00	12.62	H
	4218	-52.89	-13	-39.89	-70.98	-56.30	7.14	12.70	H
	4921	-56.59	-13	-43.59	-76.56	-59.82	7.62	13.00	H
	5624	-58.39	-13	-45.39	-79.24	-60.94	8.00	12.70	H
	6327	-58.85	-13	-45.85	-81.94	-59.80	8.40	11.50	H
	1406	-68.11	-13	-55.11	-77.52	-71.36	4.00	9.40	V
	2109	-67.60	-13	-54.60	-80.26	-71.17	4.88	10.60	V
	2812	-58.02	-13	-45.02	-72.54	-62.95	5.52	12.60	V
	3515	-49.53	-13	-36.53	-65.61	-54.00	6.00	12.62	V
	4218	-56.16	-13	-43.16	-74.17	-59.57	7.14	12.70	V
	4921	-59.44	-13	-46.44	-79.76	-62.67	7.62	13.00	V
	5624	-59.76	-13	-46.76	-80.88	-62.31	8.00	12.70	V
	6328	-59.54	-13	-46.54	-83.11	-60.49	8.40	11.50	V
Highest	1413	-65.79	-13	-52.79	-75.24	-68.96	4.10	9.42	H
	2119.5	-67.34	-13	-54.34	-80.32	-70.92	4.90	10.63	H
	2826	-46.22	-13	-33.22	-60.14	-51.14	5.55	12.62	H
	3532.5	-50.96	-13	-37.96	-67.15	-55.44	6.02	12.65	H
	4239	-53.40	-13	-40.40	-71.60	-56.82	7.15	12.72	H
	4945.5	-57.83	-13	-44.83	-77.79	-61.06	7.64	13.02	H
	5652	-59.80	-13	-46.80	-80.53	-62.35	8.04	12.74	H
	1413	-68.77	-13	-55.77	-78.18	-71.94	4.10	9.42	V
	2119.5	-67.62	-13	-54.62	-80.51	-71.20	4.90	10.63	V
	2826	-58.20	-13	-45.20	-72.73	-63.12	5.55	12.62	V
	3532.5	-52.22	-13	-39.22	-68.45	-56.70	6.02	12.65	V
	4239	-55.53	-13	-42.53	-73.68	-58.95	7.15	12.72	V
	4945.5	-60.84	-13	-47.84	-81.16	-64.07	7.64	13.02	V
	5652	-61.43	-13	-48.43	-82.55	-63.98	8.04	12.74	V

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



LTE Band 13 / 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	1554.5	-68.86	-13	-55.86	-78.30	-72.09	3.98	9.36	H
	2331.75	-67.05	-13	-54.05	-80.82	-70.60	4.85	10.55	H
	3109	-65.40	-13	-52.40	-81.15	-70.33	5.50	12.58	H
	1554.5	-69.26	-13	-56.26	-78.20	-72.49	3.98	9.36	V
	2331.75	-66.64	-13	-53.64	-80.43	-70.19	4.85	10.55	V
	3109	-65.24	-13	-52.24	-80.84	-70.17	5.50	12.58	V
Middle	1559.5	-68.31	-40	-28.31	-77.75	-71.56	4.00	9.40	H
	2339.25	-66.79	-13	-53.79	-80.51	-70.36	4.88	10.60	H
	3119	-65.92	-13	-52.92	-81.68	-70.85	5.52	12.60	H
	1559.5	-69.66	-40	-29.66	-78.60	-72.91	4.00	9.40	V
	2339.25	-67.07	-13	-54.07	-80.84	-70.64	4.88	10.60	V
	3119	-65.88	-13	-52.88	-81.57	-70.81	5.52	12.60	V
Highest	1564.5	-67.37	-40	-27.37	-76.81	-70.54	4.10	9.42	H
	2346.75	-67.11	-13	-54.11	-80.83	-70.69	4.90	10.63	H
	3129	-65.34	-13	-52.34	-81.10	-70.26	5.55	12.62	H
	1564.5	-69.33	-40	-29.33	-78.27	-72.50	4.10	9.42	V
	2346.75	-67.15	-13	-54.15	-80.92	-70.73	4.90	10.63	V
	3129	-65.56	-13	-52.56	-81.25	-70.48	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)	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	1559.5	-68.79	-40	-28.79	-78.23	-72.04	4.00	9.40	H
	2339.25	-67.17	-13	-54.17	-80.89	-70.74	4.88	10.60	H
	3119	-65.85	-13	-52.85	-81.61	-70.78	5.52	12.60	H
	1559.5	-69.24	-40	-29.24	-78.18	-72.49	4.00	9.40	V
	2339.25	-67.21	-13	-54.21	-80.98	-70.78	4.88	10.60	V
	3119	-65.96	-13	-52.96	-81.65	-70.89	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)	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	1408.68	-63.54	-13	-50.54	-72.99	-66.77	3.98	9.36	H
	2113.02	-67.10	-13	-54.10	-79.85	-70.65	4.85	10.55	H
	2817.36	-46.77	-13	-33.77	-60.68	-51.70	5.50	12.58	H
	3521.7	-50.82	-13	-37.82	-66.87	-55.29	5.98	12.60	H
	4226.04	-52.86	-13	-39.86	-71.00	-56.29	7.10	12.68	H
	4930.38	-58.60	-13	-45.60	-78.57	-61.75	7.60	12.90	H
	5634.72	-59.80	-13	-46.80	-80.47	-62.34	7.98	12.67	H
	1408.68	-68.37	-13	-55.37	-77.78	-71.60	3.98	9.36	V
	2113.02	-67.50	-13	-54.50	-80.18	-71.05	4.85	10.55	V
	2817.36	-59.61	-13	-46.61	-74.13	-64.54	5.50	12.58	V
	3521.7	-53.53	-13	-40.53	-69.61	-58.00	5.98	12.60	V
	4226.04	-53.96	-13	-40.96	-72.04	-57.39	7.10	12.68	V
	4930.38	-61.03	-13	-48.03	-81.35	-64.18	7.60	12.90	V
	5634.72	-60.27	-13	-47.27	-81.34	-62.81	7.98	12.67	V
Middle	1415.68	-65.24	-13	-52.24	-74.69	-68.49	4.00	9.40	H
	2123.58	-66.87	-13	-53.87	-79.85	-70.44	4.88	10.60	H
	2831.36	-50.23	-13	-37.23	-64.31	-55.16	5.52	12.60	H
	3539.22	-52.28	-13	-39.28	-68.46	-56.75	6.00	12.62	H
	4247.06	-52.74	-13	-39.74	-70.94	-56.15	7.14	12.70	H
	4954.9	-55.38	-13	-42.38	-75.33	-58.61	7.62	13.00	H
	5662.72	-61.68	-13	-48.68	-82.41	-64.23	8.00	12.70	H
	1415.68	-68.82	-13	-55.82	-78.23	-72.07	4.00	9.40	V
	2123.58	-67.70	-13	-54.70	-80.59	-71.27	4.88	10.60	V
	2831.36	-61.76	-13	-48.76	-76.34	-66.69	5.52	12.60	V
	3539.22	-53.30	-13	-40.30	-69.52	-57.77	6.00	12.62	V
	4247.06	-56.06	-13	-43.06	-74.21	-59.47	7.14	12.70	V
	4954.9	-61.02	-13	-48.02	-81.34	-64.25	7.62	13.00	V
	5662.72	-60.87	-13	-47.87	-81.99	-63.42	8.00	12.70	V
Highest	1422.68	-60.17	-13	-47.17	-69.66	-63.34	4.10	9.42	H
	2134.02	-67.55	-13	-54.55	-80.76	-71.13	4.90	10.63	H
	2845.36	-48.11	-13	-35.11	-62.34	-53.03	5.55	12.62	H
	3556.7	-52.06	-13	-39.06	-68.39	-56.54	6.02	12.65	H
	4268.04	-55.82	-13	-42.82	-74.06	-59.24	7.15	12.72	H
	4979.38	-58.61	-13	-45.61	-78.55	-61.84	7.64	13.02	H
	5690.72	-60.93	-13	-47.93	-81.80	-63.48	8.04	12.74	H
	1422.68	-68.50	-13	-55.50	-77.89	-71.67	4.10	9.42	V
	2134.02	-67.30	-13	-54.30	-80.40	-70.88	4.90	10.63	V
	2845.36	-58.64	-13	-45.64	-73.26	-63.56	5.55	12.62	V
	3556.7	-54.56	-13	-41.56	-70.92	-59.04	6.02	12.65	V
	4268.04	-57.53	-13	-44.53	-75.74	-60.95	7.15	12.72	V
	4979.38	-61.07	-13	-48.07	-81.39	-64.30	7.64	13.02	V
	5690.72	-61.49	-13	-48.49	-82.72	-64.04	8.04	12.74	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	-64.00	-13	-51.00	-73.45	-67.23	3.98	9.36	H
	2113.77	-67.39	-13	-54.39	-80.37	-70.94	4.85	10.55	H
	2818.36	-45.99	-13	-32.99	-59.90	-50.92	5.50	12.58	H
	3522.95	-49.84	-13	-36.84	-65.89	-54.31	5.98	12.60	H
	4227.54	-53.32	-13	-40.32	-71.46	-56.75	7.10	12.68	H
	4932.13	-57.89	-13	-44.89	-77.86	-61.04	7.60	12.90	H
	5636.72	-60.37	-13	-47.37	-81.04	-62.91	7.98	12.67	H
	1409.18	-68.88	-13	-55.88	-78.29	-72.11	3.98	9.36	V
	2113.77	-67.63	-13	-54.63	-80.52	-71.18	4.85	10.55	V
	2818.36	-57.47	-13	-44.47	-71.99	-62.40	5.50	12.58	V
	3522.95	-52.49	-13	-39.49	-68.57	-56.96	5.98	12.60	V
	4227.54	-55.19	-13	-42.19	-73.27	-58.62	7.10	12.68	V
	4932.13	-60.79	-13	-47.79	-81.11	-63.94	7.60	12.90	V
	5636.72	-59.07	-13	-46.07	-80.14	-61.61	7.98	12.67	V
Middle	1411.18	-63.02	-13	-50.02	-72.47	-66.27	4.00	9.40	H
	2116.77	-67.54	-13	-54.54	-80.52	-71.11	4.88	10.60	H
	2822.36	-47.24	-13	-34.24	-61.15	-52.17	5.52	12.60	H
	3527.95	-50.62	-13	-37.62	-66.81	-55.09	6.00	12.62	H
	4233.54	-52.82	-13	-39.82	-70.96	-56.23	7.14	12.70	H
	4939.13	-58.42	-13	-45.42	-78.39	-61.65	7.62	13.00	H
	5644.72	-60.52	-13	-47.52	-81.19	-63.07	8.00	12.70	H
	1411.18	-68.55	-13	-55.55	-77.96	-71.80	4.00	9.40	V
	2116.77	-67.53	-13	-54.53	-80.42	-71.10	4.88	10.60	V
	2822.36	-59.77	-13	-46.77	-74.29	-64.70	5.52	12.60	V
	3527.95	-53.59	-13	-40.59	-69.82	-58.06	6.00	12.62	V
	4233.54	-53.74	-13	-40.74	-71.82	-57.15	7.14	12.70	V
	4939.13	-61.45	-13	-48.45	-81.78	-64.68	7.62	13.00	V
	5644.72	-60.09	-13	-47.09	-81.16	-62.64	8.00	12.70	V
Highest	1413.18	-65.31	-13	-52.31	-74.76	-68.48	4.10	9.42	H
	2119.77	-67.18	-13	-54.18	-80.16	-70.76	4.90	10.63	H
	2826.36	-48.24	-13	-35.24	-62.16	-53.16	5.55	12.62	H
	3532.95	-50.61	-13	-37.61	-66.80	-55.09	6.02	12.65	H
	4239.54	-53.99	-13	-40.99	-72.19	-57.41	7.15	12.72	H
	4946.13	-59.20	-13	-46.20	-79.16	-62.43	7.64	13.02	H
	5652.72	-61.13	-13	-48.13	-81.86	-63.68	8.04	12.74	H
	1413.18	-68.78	-13	-55.78	-78.19	-71.95	4.10	9.42	V
	2119.77	-67.11	-13	-54.11	-80.00	-70.69	4.90	10.63	V
	2826.36	-59.99	-13	-46.99	-74.52	-64.91	5.55	12.62	V
	3532.95	-53.17	-13	-40.17	-69.40	-57.65	6.02	12.65	V
	4239.54	-55.72	-13	-42.72	-73.87	-59.14	7.15	12.72	V
	4946.13	-61.48	-13	-48.48	-81.80	-64.71	7.64	13.02	V
	5652.72	-60.92	-13	-47.92	-82.04	-63.47	8.04	12.74	V

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