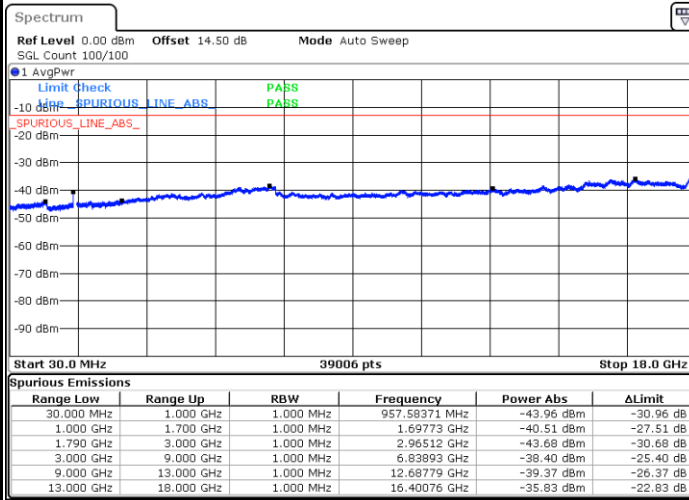




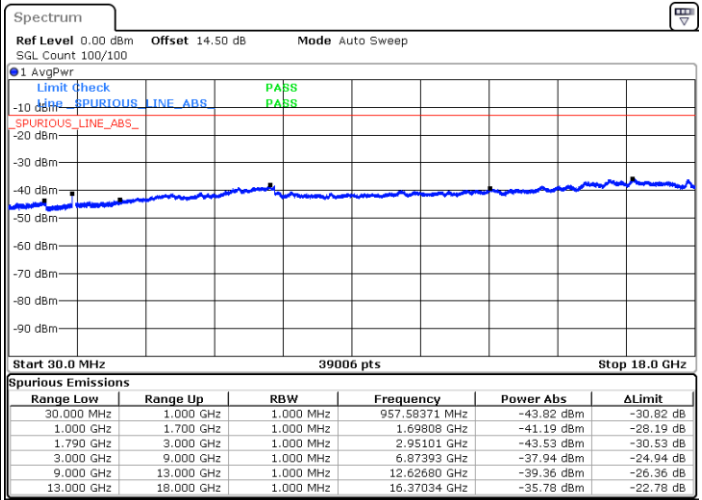
LTE Band 66 / 15MHz

Lowest Channel / QPSK



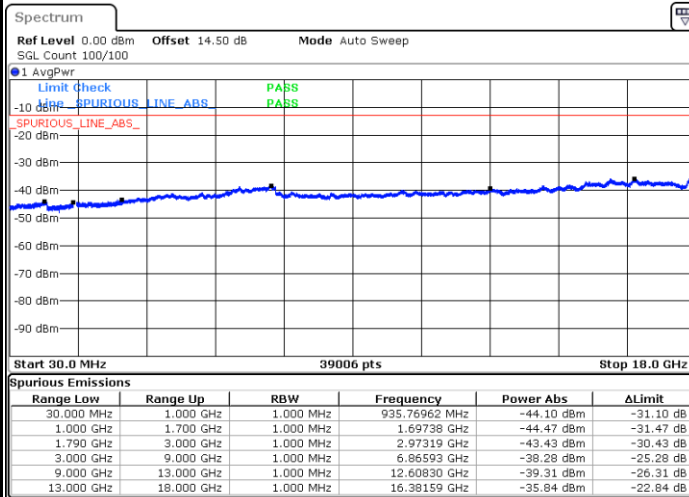
Date: 23 JUL 2019 16:09:06

Lowest Channel / 16QAM



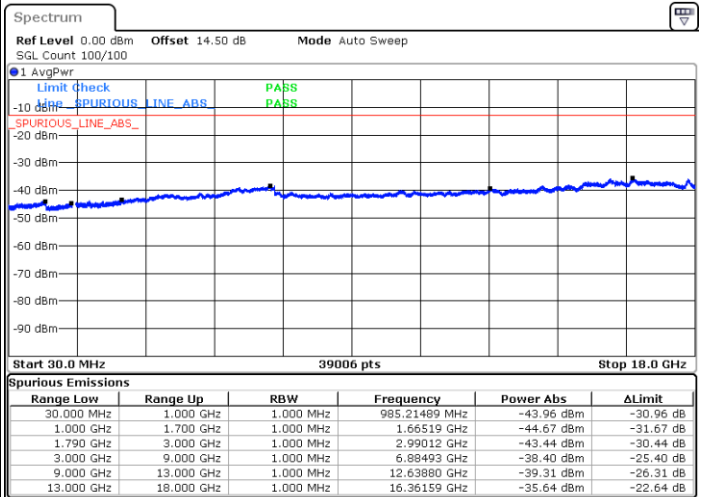
Date: 23 JUL 2019 16:07:13

Middle Channel / QPSK



Date: 23 JUL 2019 16:14:30

Middle Channel / 16QAM

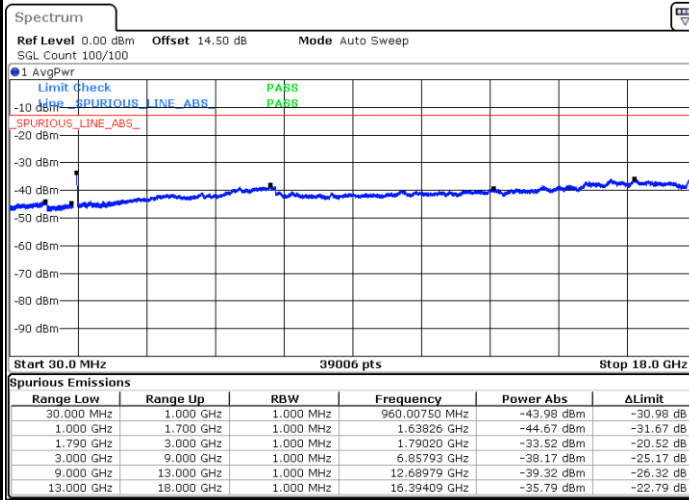


Date: 23 JUL 2019 16:16:15



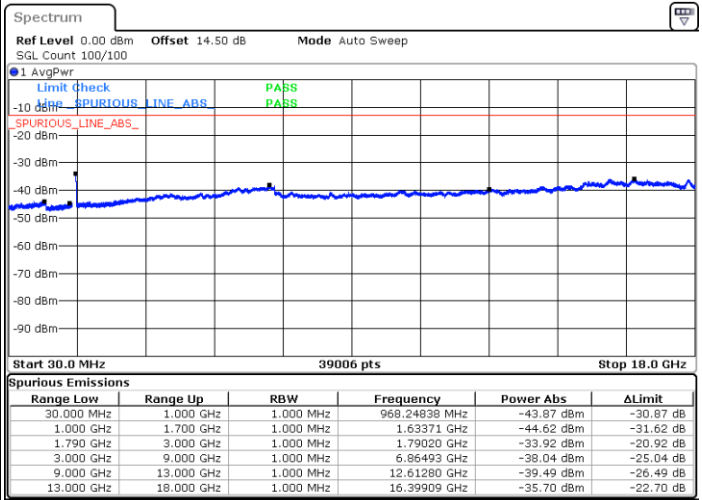
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 23 JUL 2019 16:47:56

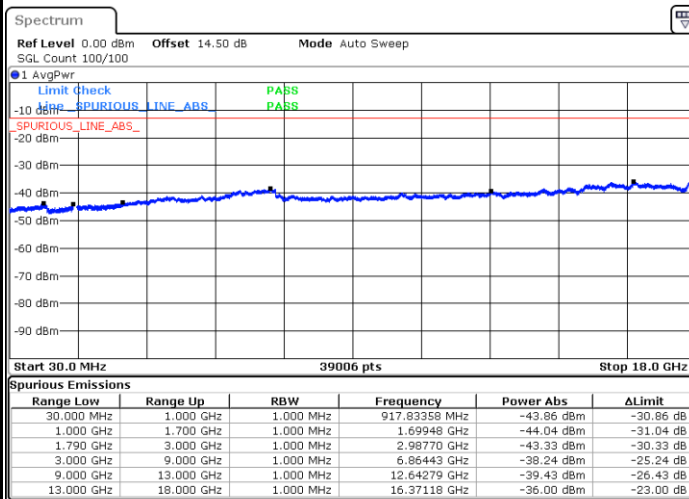
Highest Channel / 16QAM



Date: 23 JUL 2019 16:45:20

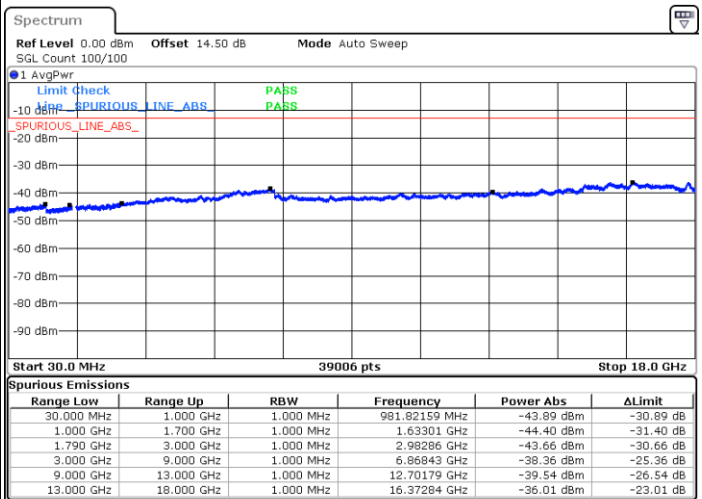
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 24 JUL 2019 11:12:52

Lowest Channel / 16QAM

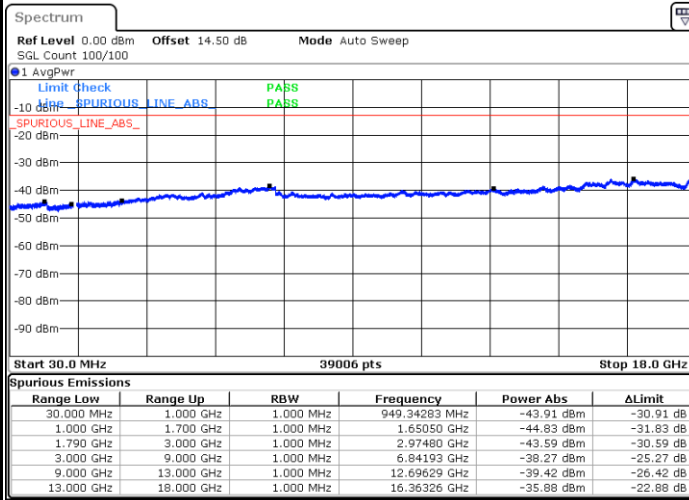


Date: 24 JUL 2019 11:11:24



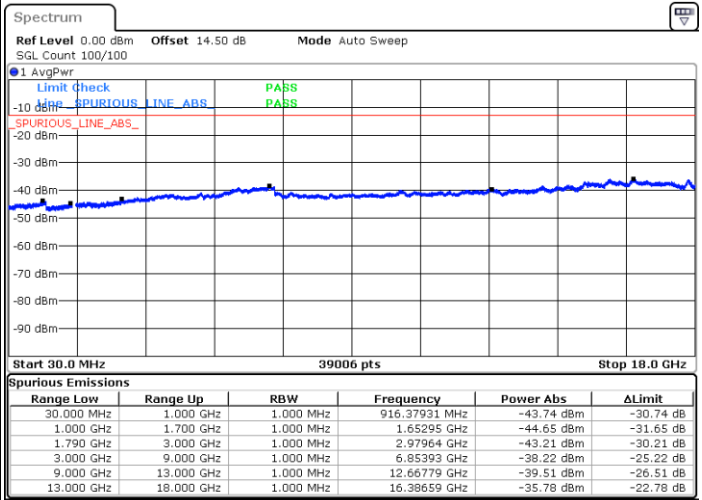
LTE Band 66 / 20MHz

Middle Channel / QPSK



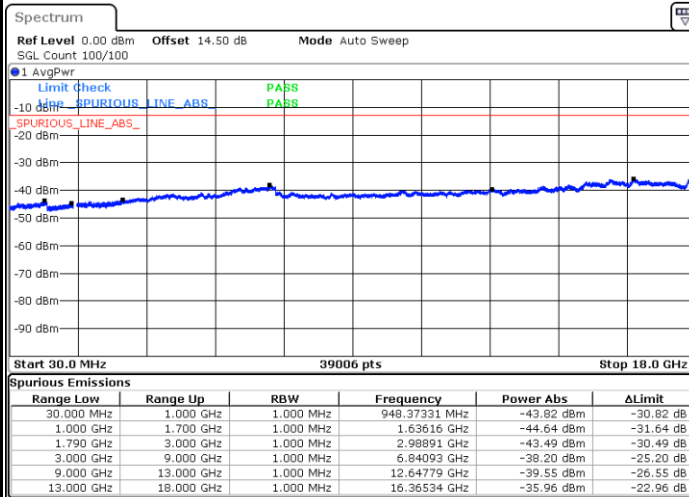
Date: 24 JUL 2019 11:15:27

Middle Channel / 16QAM



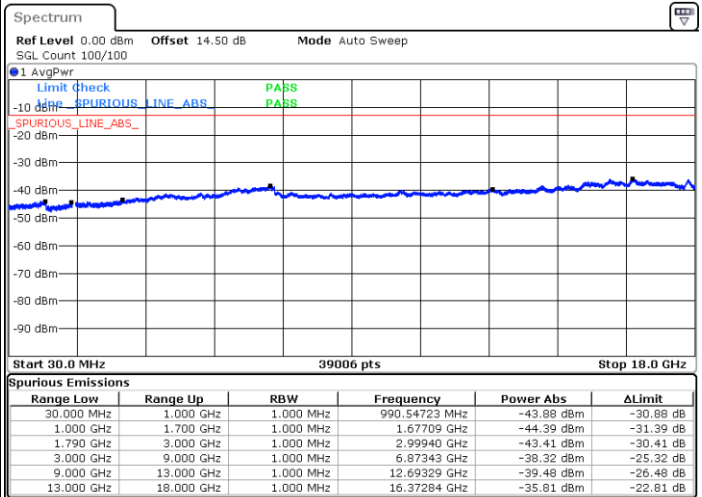
Date: 24 JUL 2019 11:16:17

Highest Channel / QPSK



Date: 24 JUL 2019 11:35:25

Highest Channel / 16QAM

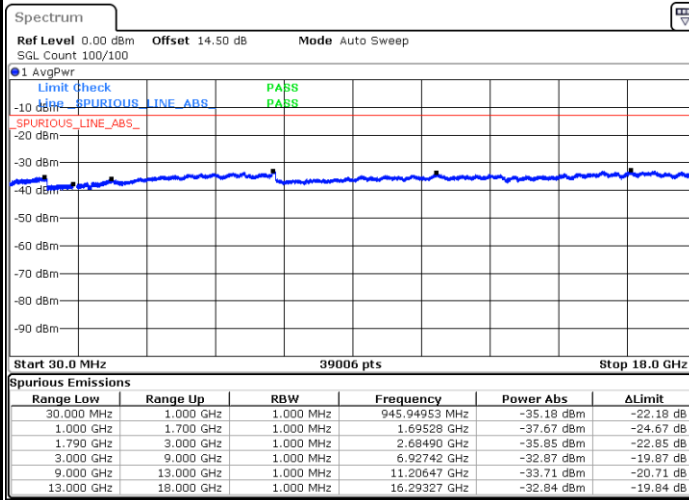


Date: 24 JUL 2019 11:34:28



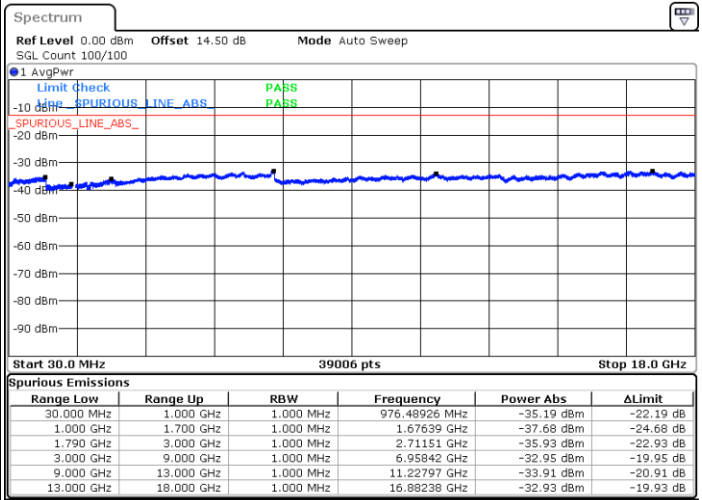
LTE Band 66 / 1.4MHz

Lowest Channel / 64QAM



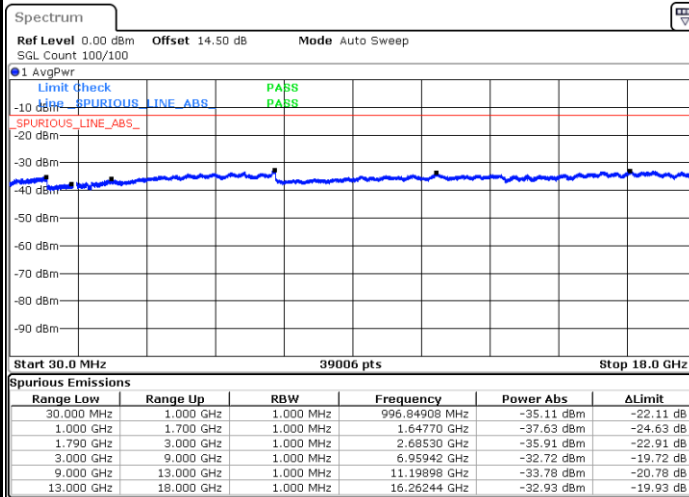
Date: 21 JUL 2019 17:02:19

Middle Channel / 64QAM



Date: 21 JUL 2019 17:15:25

Highest Channel / 64QAM

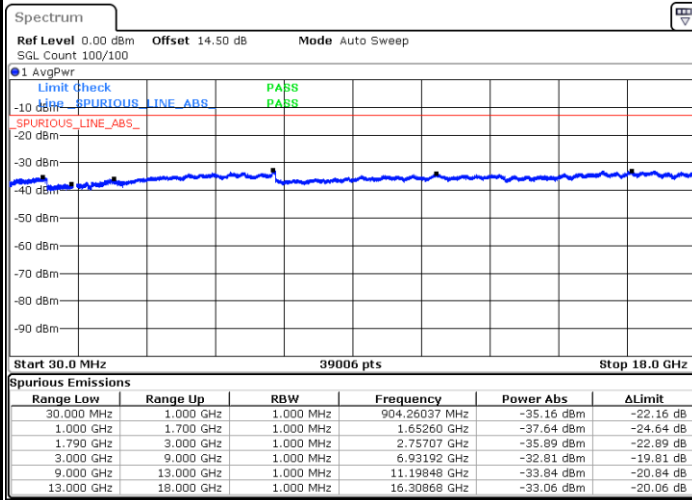


Date: 21 JUL 2019 17:38:24



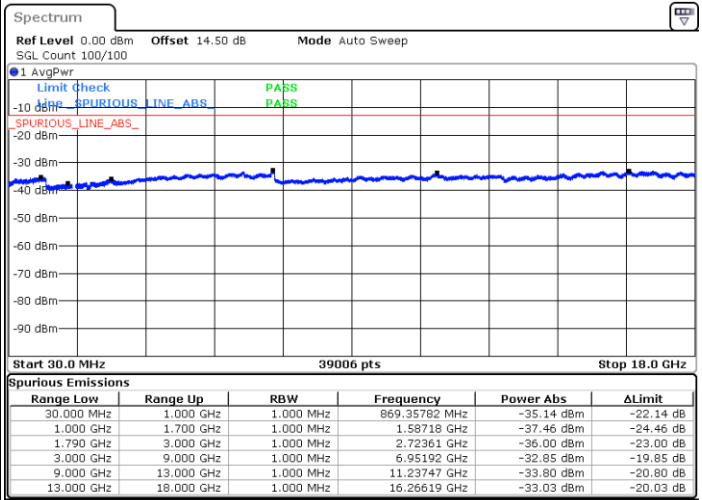
LTE Band 66 / 3MHz

Lowest Channel / 64QAM



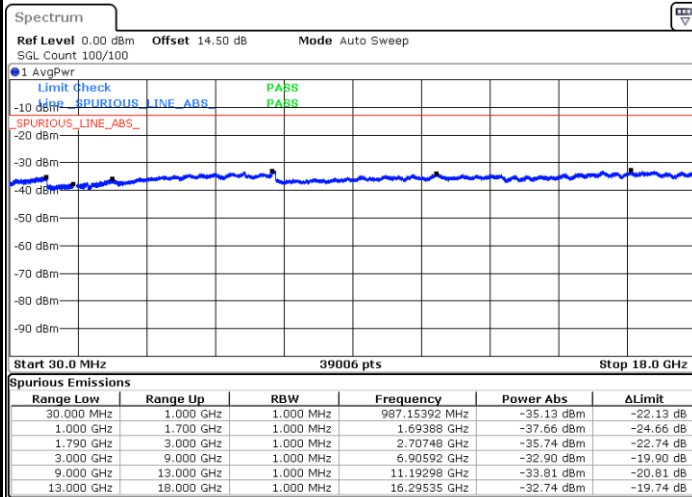
Date: 21 JUL 2019 17:49:58

Middle Channel / 64QAM



Date: 21 JUL 2019 18:40:26

Highest Channel / 64QAM

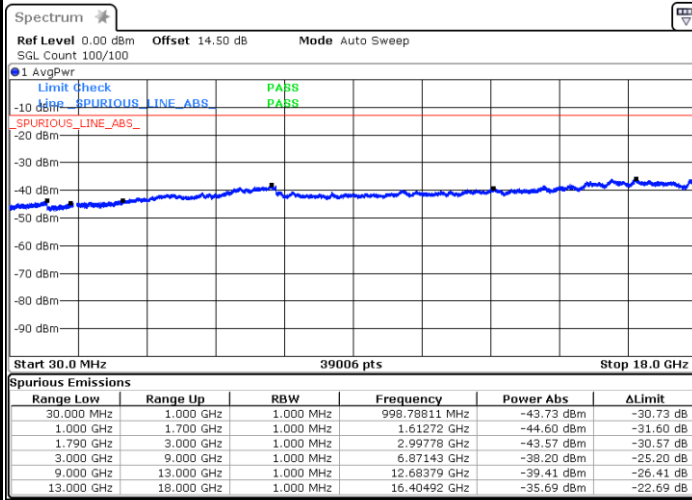


Date: 21 JUL 2019 18:33:53



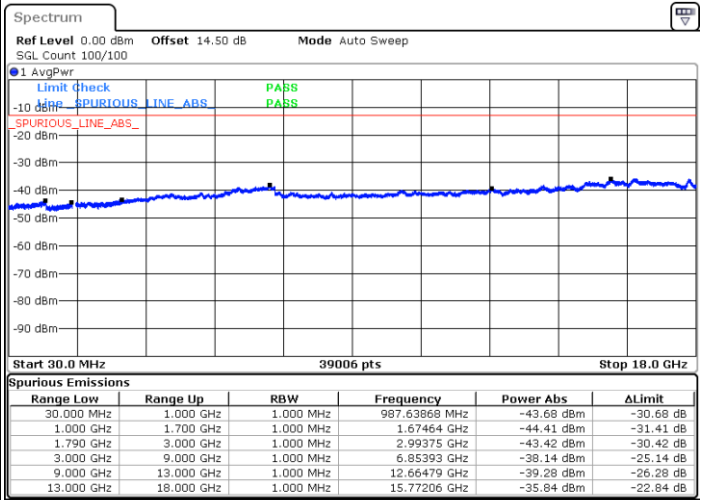
LTE Band 66 / 5MHz

Lowest Channel / 64QAM



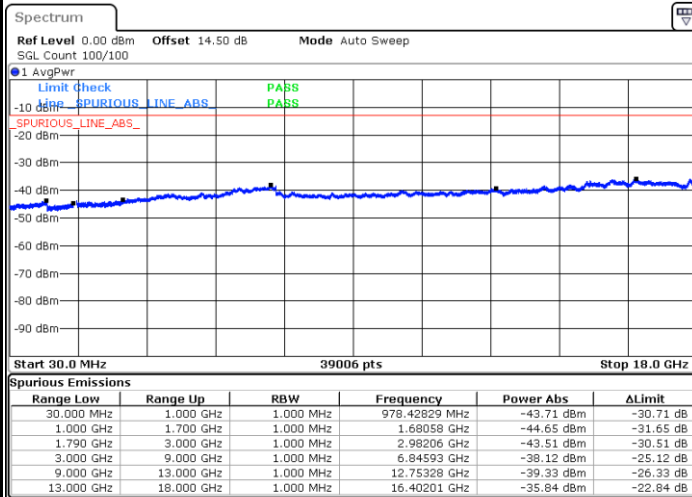
Date: 7.AUG.2019 14:58:07

Middle Channel / 64QAM



Date: 7.AUG.2019 14:47:23

Highest Channel / 64QAM

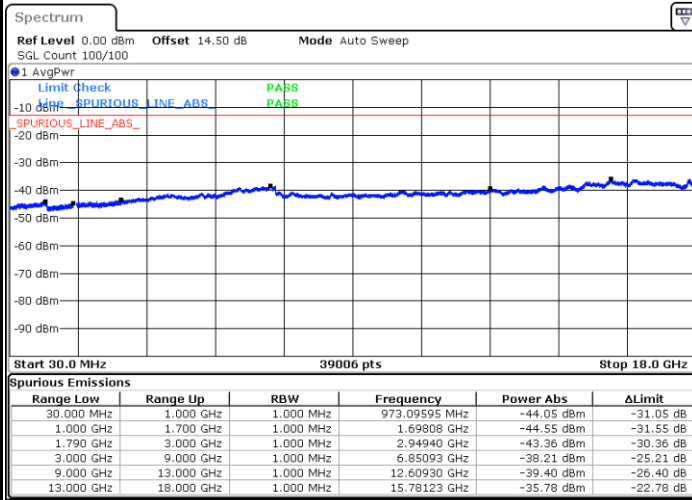


Date: 7.AUG.2019 15:04:20



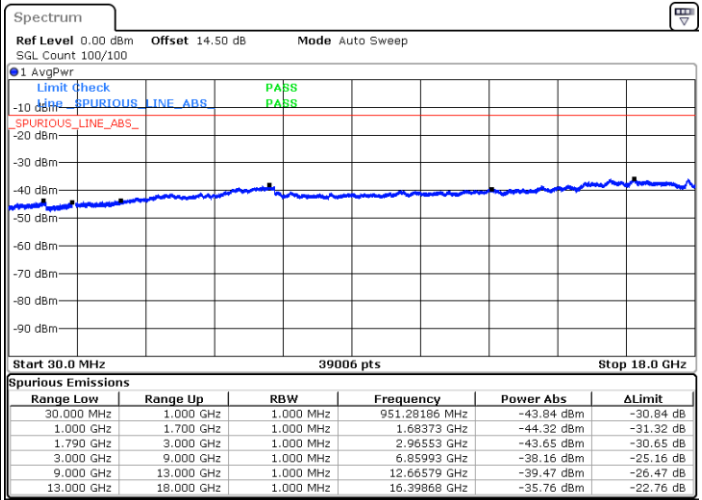
LTE Band 66 / 10MHz

Lowest Channel / 64QAM



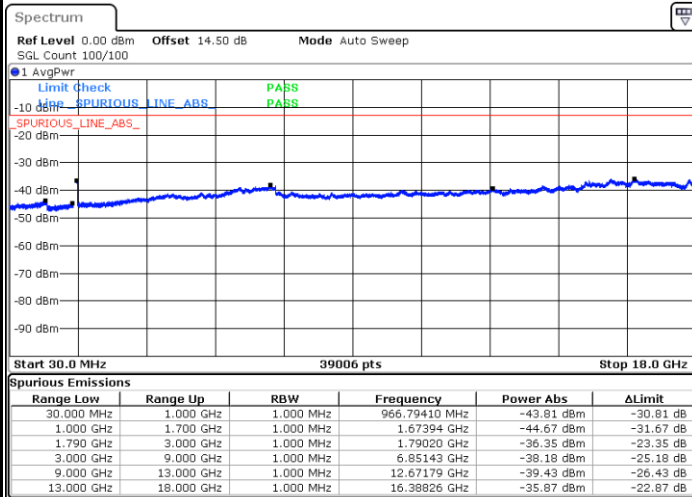
Date: 23 JUL 2019 15:14:21

Middle Channel / 64QAM



Date: 23 JUL 2019 15:26:29

Highest Channel / 64QAM

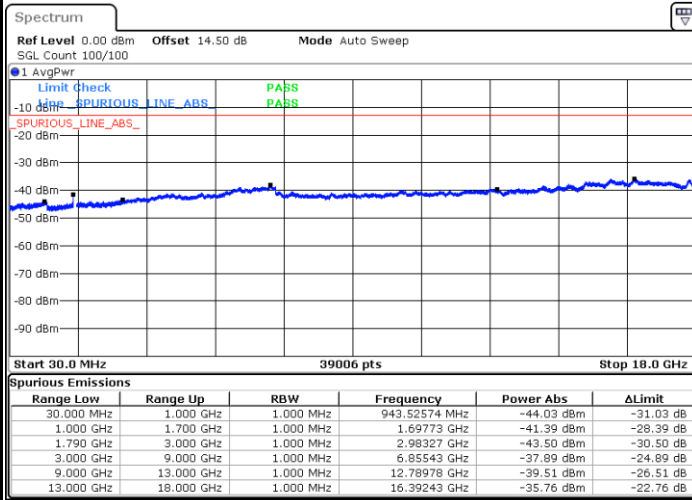


Date: 23 JUL 2019 15:39:24



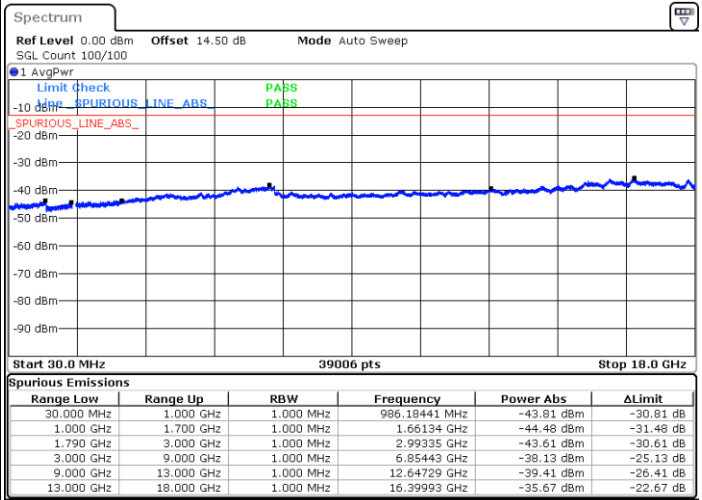
LTE Band 66 / 15MHz

Lowest Channel / 64QAM



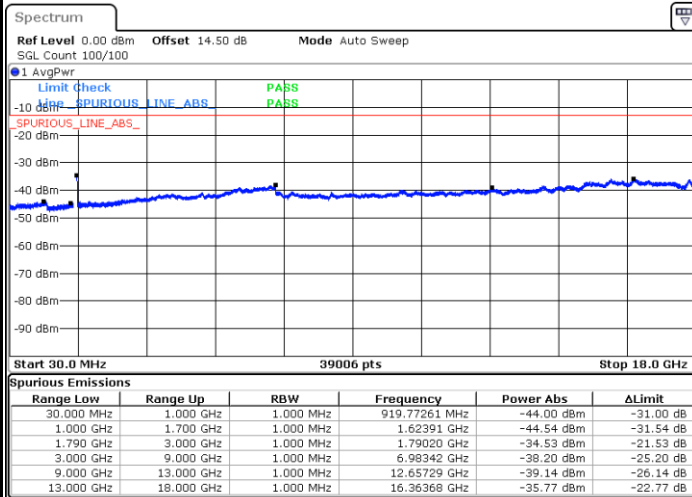
Date: 23 JUL 2019 16:06:02

Middle Channel / 64QAM



Date: 23 JUL 2019 16:17:17

Highest Channel / 64QAM

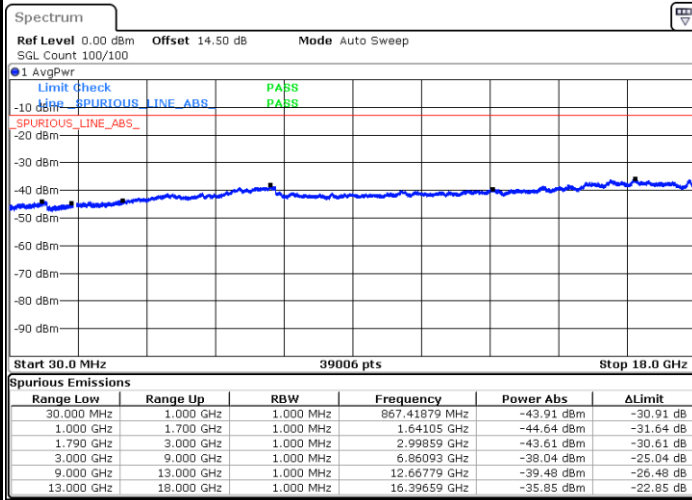


Date: 23 JUL 2019 16:43:11



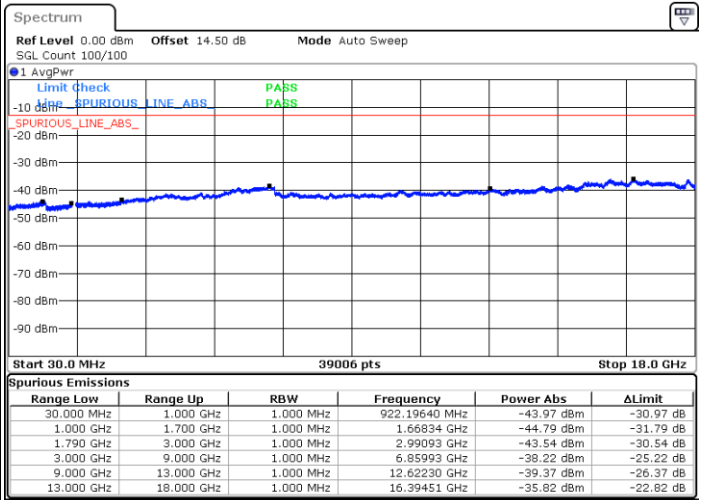
LTE Band 66 / 20MHz

Lowest Channel / 64QAM



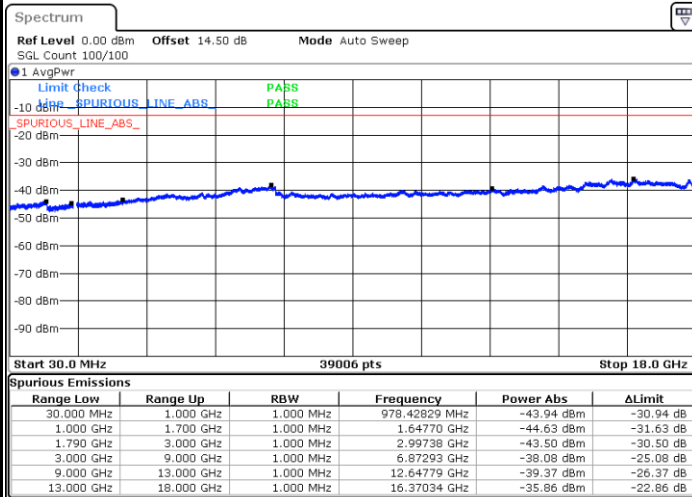
Date: 24 JUL 2019 11:10:16

Middle Channel / 64QAM



Date: 24 JUL 2019 11:17:00

Highest Channel / 64QAM



Date: 24 JUL 2019 11:31:57

**Frequency Stability**

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0015	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0007	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 12 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0008	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Test Conditions		LTE Band 17 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0010	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0017	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0004	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 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 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	-63.98	-13	-50.98	-79.15	-70.86	5.60	12.48	H
	5130.48	-60.23	-13	-47.23	-80.32	-65.91	7.10	12.78	H
	6840.64	-52.95	-13	-39.95	-77.84	-56.34	8.38	11.77	H
	3420.32	-64.02	-13	-51.02	-79.23	-70.90	5.60	12.48	V
	5130.48	-59.90	-13	-46.90	-80.42	-65.58	7.10	12.78	V
	6840.64	-56.15	-13	-43.15	-81.27	-59.54	8.38	11.77	V
Middle	3463.74	-63.99	-13	-50.99	-79.61	-70.84	5.65	12.50	H
	5195.61	-60.84	-13	-47.84	-81.01	-66.51	7.13	12.80	H
	6927.48	-50.32	-13	-37.32	-75.62	-53.72	8.40	11.80	H
	3463.74	-63.88	-13	-50.88	-79.53	-70.73	5.65	12.50	V
	5195.61	-59.96	-13	-46.96	-80.58	-65.63	7.13	12.80	V
	6927.48	-55.47	-13	-42.47	-80.88	-58.87	8.40	11.80	V
Highest	3507.52	-63.52	-13	-50.52	-79.58	-70.36	5.68	12.52	H
	5261.28	-61.30	-13	-48.30	-81.03	-66.97	7.15	12.82	H
	7015.04	-48.30	-13	-35.30	-73.95	-51.73	8.42	11.85	H
	3507.52	-63.55	-13	-50.55	-79.64	-70.39	5.68	12.52	V
	5261.28	-61.56	-13	-48.56	-81.34	-67.23	7.15	12.82	V
	7015.04	-53.86	-13	-40.86	-79.61	-57.29	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	-64.46	-13	-51.46	-79.63	-71.34	5.60	12.48	H
	5130.72	-60.56	-13	-47.56	-80.65	-66.24	7.10	12.78	H
	6840.96	-53.81	-13	-40.81	-78.70	-57.20	8.38	11.77	H
	3420.48	-64.36	-13	-51.36	-79.57	-71.24	5.60	12.48	V
	5130.72	-60.08	-13	-47.08	-80.6	-65.76	7.10	12.78	V
	6840.96	-55.96	-13	-42.96	-81.08	-59.35	8.38	11.77	V
Middle	3462.48	-64.32	-13	-51.32	-79.94	-71.17	5.65	12.50	H
	5193.72	-60.85	-13	-47.85	-81.02	-66.52	7.13	12.80	H
	6924.96	-51.00	-13	-38.00	-76.30	-54.40	8.40	11.80	H
	3462.48	-64.24	-13	-51.24	-79.89	-71.09	5.65	12.50	V
	5193.72	-60.61	-13	-47.61	-81.23	-66.28	7.13	12.80	V
	6924.96	-56.20	-13	-43.20	-81.61	-59.60	8.40	11.80	V
Highest	3504.48	-64.10	-13	-51.10	-80.01	-70.94	5.68	12.52	H
	5256.72	-61.62	-13	-48.62	-81.26	-67.29	7.15	12.82	H
	7008.96	-48.52	-13	-35.52	-74.11	-51.95	8.42	11.85	H
	3504.48	-64.00	-13	-51.00	-79.94	-70.84	5.68	12.52	V
	5256.72	-61.65	-13	-48.65	-81.3	-67.32	7.15	12.82	V
	7008.96	-55.20	-13	-42.20	-80.81	-58.63	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	-64.32	-13	-51.32	-79.49	-71.20	5.60	12.48	H
	5131.02	-60.78	-13	-47.78	-80.87	-66.46	7.10	12.78	H
	6841.36	-52.88	-13	-39.88	-77.77	-56.27	8.38	11.77	H
	3420.68	-64.25	-13	-51.25	-79.46	-71.13	5.60	12.48	V
	5131.02	-60.45	-13	-47.45	-80.97	-66.13	7.10	12.78	V
	6841.36	-56.25	-13	-43.25	-81.37	-59.64	8.38	11.77	V
Middle	3460.68	-64.28	-13	-51.28	-79.90	-71.13	5.65	12.50	H
	5191.02	-60.96	-13	-47.96	-81.13	-66.63	7.13	12.80	H
	6921.36	-51.69	-13	-38.69	-76.90	-55.09	8.40	11.80	H
	3460.68	-64.41	-13	-51.41	-80.06	-71.26	5.65	12.50	V
	5191.02	-60.06	-13	-47.06	-80.68	-65.73	7.13	12.80	V
	6921.36	-55.98	-13	-42.98	-81.33	-59.38	8.40	11.80	V
Highest	3500.68	-63.94	-13	-50.94	-79.85	-70.78	5.68	12.52	H
	5251.02	-61.45	-13	-48.45	-81.09	-67.12	7.15	12.82	H
	7001.36	-48.64	-13	-35.64	-74.26	-52.07	8.42	11.85	H
	3500.68	-64.20	-13	-51.20	-80.14	-71.04	5.68	12.52	V
	5251.02	-61.78	-13	-48.78	-81.43	-67.45	7.15	12.82	V
	7001.36	-55.09	-13	-42.09	-80.73	-58.52	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	-64.05	-13	-51.05	-79.22	-70.93	5.60	12.48	H
	5131.77	-60.27	-13	-47.27	-80.36	-65.95	7.10	12.78	H
	6842.36	-53.32	-13	-40.32	-78.21	-56.71	8.38	11.77	H
	3421.18	-64.29	-13	-51.29	-79.5	-71.17	5.60	12.48	V
	5131.77	-59.93	-13	-46.93	-80.45	-65.61	7.10	12.78	V
	6842.36	-56.16	-13	-43.16	-81.28	-59.55	8.38	11.77	V
Middle	3456.18	-64.03	-13	-51.03	-79.50	-70.88	5.65	12.50	H
	5184.27	-60.52	-13	-47.52	-80.67	-66.19	7.13	12.80	H
	6912.36	-50.68	-13	-37.68	-75.89	-54.08	8.40	11.80	H
	3456.18	-63.92	-13	-50.92	-79.42	-70.77	5.65	12.50	V
	5184.27	-60.08	-13	-47.08	-80.68	-65.75	7.13	12.80	V
	6912.36	-55.68	-13	-42.68	-81.03	-59.08	8.40	11.80	V
Highest	3491.18	-64.14	-13	-51.14	-80.05	-70.98	5.68	12.52	H
	5236.77	-61.39	-13	-48.39	-81.21	-67.06	7.15	12.82	H
	6982.36	-48.94	-13	-35.94	-74.47	-52.37	8.42	11.85	H
	3491.18	-63.98	-13	-50.98	-79.92	-70.82	5.68	12.52	V
	5236.77	-61.32	-13	-48.32	-81.3	-66.99	7.15	12.82	V
	6982.36	-55.61	-13	-42.61	-81.18	-59.04	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	-64.22	-13	-51.22	-79.39	-71.10	5.60	12.48	H
	5132.52	-60.56	-13	-47.56	-80.65	-66.24	7.10	12.78	H
	6843.36	-53.56	-13	-40.56	-78.45	-56.95	8.38	11.77	H
	3421.68	-64.24	-13	-51.24	-79.45	-71.12	5.60	12.48	V
	5132.52	-60.25	-13	-47.25	-80.77	-65.93	7.10	12.78	V
	6843.36	-56.39	-13	-43.39	-81.51	-59.78	8.38	11.77	V
Middle	3451.68	-64.36	-13	-51.36	-79.83	-71.21	5.65	12.50	H
	5177.52	-60.81	-13	-47.81	-80.96	-66.48	7.13	12.80	H
	6903.36	-51.61	-13	-38.61	-76.73	-55.01	8.40	11.80	H
	3451.68	-64.02	-13	-51.02	-79.52	-70.87	5.65	12.50	V
	5177.52	-60.24	-13	-47.24	-80.84	-65.91	7.13	12.80	V
	6903.36	-56.22	-13	-43.22	-81.5	-59.62	8.40	11.80	V
Highest	3481.68	-64.28	-13	-51.28	-80.04	-71.12	5.68	12.52	H
	5222.52	-60.90	-13	-47.90	-80.90	-66.57	7.15	12.82	H
	6963.36	-47.49	-13	-34.49	-72.94	-50.92	8.42	11.85	H
	3481.68	-64.24	-13	-51.24	-80.04	-71.08	5.68	12.52	V
	5222.52	-61.25	-13	-48.25	-81.55	-66.92	7.15	12.82	V
	6963.36	-54.95	-13	-41.95	-80.47	-58.38	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	-64.36	-13	-51.36	-79.53	-71.24	5.60	12.48	H
	5133.27	-60.47	-13	-47.47	-80.56	-66.15	7.10	12.78	H
	6844.36	-52.28	-13	-39.28	-77.17	-55.67	8.38	11.77	H
	3422.18	-64.28	-13	-51.28	-79.49	-71.16	5.60	12.48	V
	5133.27	-60.29	-13	-47.29	-80.81	-65.97	7.10	12.78	V
	6844.36	-56.45	-13	-43.45	-81.57	-59.84	8.38	11.77	V
Middle	3447.18	-64.16	-13	-51.16	-79.63	-71.01	5.65	12.50	H
	5170.77	-60.56	-13	-47.56	-80.69	-66.23	7.13	12.80	H
	6894.36	-52.29	-13	-39.29	-77.42	-55.69	8.40	11.80	H
	3447.18	-64.11	-13	-51.11	-79.61	-70.96	5.65	12.50	V
	5170.77	-59.80	-13	-46.80	-80.38	-65.47	7.13	12.80	V
	6894.36	-55.75	-13	-42.75	-81.04	-59.15	8.40	11.80	V
Highest	3472.18	-64.35	-13	-51.35	-79.97	-71.19	5.68	12.52	H
	5208.27	-60.92	-13	-47.92	-80.91	-66.59	7.15	12.82	H
	6944.36	-49.63	-13	-36.63	-75.00	-53.06	8.42	11.85	H
	3472.18	-63.99	-13	-50.99	-79.64	-70.83	5.68	12.52	V
	5208.27	-60.53	-13	-47.53	-80.82	-66.20	7.15	12.82	V
	6944.36	-55.77	-13	-42.77	-81.23	-59.20	8.42	11.85	V

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



Bottom Antenna

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	-64.28	-13	-51.28	-79.45	-71.16	5.60	12.48	H
	5130.48	-60.67	-13	-47.67	-80.76	-66.35	7.10	12.78	H
	6840.64	-53.61	-13	-40.61	-78.50	-57.00	8.38	11.77	H
	3420.32	-63.90	-13	-50.90	-79.11	-70.78	5.60	12.48	V
	5130.48	-60.13	-13	-47.13	-80.65	-65.81	7.10	12.78	V
	6840.64	-56.36	-13	-43.36	-81.48	-59.75	8.38	11.77	V
Middle	3463.74	-64.02	-13	-51.02	-79.64	-70.87	5.65	12.50	H
	5195.61	-60.72	-13	-47.72	-80.89	-66.39	7.13	12.80	H
	6927.48	-50.43	-13	-37.43	-75.73	-53.83	8.40	11.80	H
	3463.74	-64.04	-13	-51.04	-79.69	-70.89	5.65	12.50	V
	5195.61	-60.23	-13	-47.23	-80.85	-65.90	7.13	12.80	V
	6927.48	-55.74	-13	-42.74	-81.15	-59.14	8.40	11.80	V
Highest	3507.52	-63.73	-13	-50.73	-79.79	-70.57	5.68	12.52	H
	5261.28	-61.66	-13	-48.66	-81.39	-67.33	7.15	12.82	H
	7015.04	-47.66	-13	-34.66	-73.31	-51.09	8.42	11.85	H
	3507.52	-63.44	-13	-50.44	-79.53	-70.28	5.68	12.52	V
	5261.28	-61.64	-13	-48.64	-81.42	-67.31	7.15	12.82	V
	7015.04	-54.86	-13	-41.86	-80.61	-58.29	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	-64.24	-13	-51.24	-79.41	-71.12	5.60	12.48	H
	5130.72	-60.51	-13	-47.51	-80.60	-66.19	7.10	12.78	H
	6840.96	-54.42	-13	-41.42	-79.31	-57.81	8.38	11.77	H
	3420.48	-63.75	-13	-50.75	-78.96	-70.63	5.60	12.48	V
	5130.72	-60.08	-13	-47.08	-80.6	-65.76	7.10	12.78	V
	6840.96	-56.27	-13	-43.27	-81.39	-59.66	8.38	11.77	V
Middle	3462.48	-63.67	-13	-50.67	-79.29	-70.52	5.65	12.50	H
	5193.72	-60.83	-13	-47.83	-81.00	-66.50	7.13	12.80	H
	6924.96	-50.81	-13	-37.81	-76.11	-54.21	8.40	11.80	H
	3462.48	-64.09	-13	-51.09	-79.74	-70.94	5.65	12.50	V
	5193.72	-60.29	-13	-47.29	-80.91	-65.96	7.13	12.80	V
	6924.96	-55.37	-13	-42.37	-80.78	-58.77	8.40	11.80	V
Highest	3504.48	-64.01	-13	-51.01	-79.92	-70.85	5.68	12.52	H
	5256.72	-61.55	-13	-48.55	-81.19	-67.22	7.15	12.82	H
	7008.96	-48.02	-13	-35.02	-73.61	-51.45	8.42	11.85	H
	3504.48	-64.06	-13	-51.06	-80	-70.90	5.68	12.52	V
	5256.72	-61.69	-13	-48.69	-81.34	-67.36	7.15	12.82	V
	7008.96	-54.34	-13	-41.34	-79.95	-57.77	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	-63.94	-13	-50.94	-79.11	-70.82	5.60	12.48	H
	5131.02	-60.50	-13	-47.50	-80.59	-66.18	7.10	12.78	H
	6841.36	-53.15	-13	-40.15	-78.04	-56.54	8.38	11.77	H
	3420.68	-63.83	-13	-50.83	-79.04	-70.71	5.60	12.48	V
	5131.02	-60.23	-13	-47.23	-80.75	-65.91	7.10	12.78	V
	6841.36	-56.08	-13	-43.08	-81.2	-59.47	8.38	11.77	V
Middle	3460.68	-63.91	-13	-50.91	-79.53	-70.76	5.65	12.50	H
	5191.02	-60.25	-13	-47.25	-80.42	-65.92	7.13	12.80	H
	6921.36	-50.69	-13	-37.69	-75.90	-54.09	8.40	11.80	H
	3460.68	-63.93	-13	-50.93	-79.58	-70.78	5.65	12.50	V
	5191.02	-60.16	-13	-47.16	-80.78	-65.83	7.13	12.80	V
	6921.36	-55.67	-13	-42.67	-81.02	-59.07	8.40	11.80	V
Highest	3500.68	-63.46	-13	-50.46	-79.37	-70.30	5.68	12.52	H
	5251.02	-61.23	-13	-48.23	-80.87	-66.90	7.15	12.82	H
	7001.36	-47.40	-13	-34.40	-73.02	-50.83	8.42	11.85	H
	3500.68	-63.80	-13	-50.80	-79.74	-70.64	5.68	12.52	V
	5251.02	-61.33	-13	-48.33	-80.98	-67.00	7.15	12.82	V
	7001.36	-53.49	-13	-40.49	-79.13	-56.92	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	-64.33	-13	-51.33	-79.50	-71.21	5.60	12.48	H
	5131.77	-60.49	-13	-47.49	-80.58	-66.17	7.10	12.78	H
	6842.36	-54.13	-13	-41.13	-79.02	-57.52	8.38	11.77	H
	3421.18	-64.34	-13	-51.34	-79.55	-71.22	5.60	12.48	V
	5131.77	-59.91	-13	-46.91	-80.43	-65.59	7.10	12.78	V
	6842.36	-56.56	-13	-43.56	-81.68	-59.95	8.38	11.77	V
Middle	3456.18	-64.51	-13	-51.51	-79.98	-71.36	5.65	12.50	H
	5184.27	-61.11	-13	-48.11	-81.26	-66.78	7.13	12.80	H
	6912.36	-51.92	-13	-38.92	-77.13	-55.32	8.40	11.80	H
	3456.18	-64.46	-13	-51.46	-79.96	-71.31	5.65	12.50	V
	5184.27	-60.48	-13	-47.48	-81.08	-66.15	7.13	12.80	V
	6912.36	-56.36	-13	-43.36	-81.71	-59.76	8.40	11.80	V
Highest	3491.18	-64.17	-13	-51.17	-80.08	-71.01	5.68	12.52	H
	5236.77	-61.56	-13	-48.56	-81.38	-67.23	7.15	12.82	H
	6982.36	-49.34	-13	-36.34	-74.87	-52.77	8.42	11.85	H
	3491.18	-64.01	-13	-51.01	-79.95	-70.85	5.68	12.52	V
	5236.77	-61.59	-13	-48.59	-81.57	-67.26	7.15	12.82	V
	6982.36	-55.75	-13	-42.75	-81.32	-59.18	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	-64.61	-13	-51.61	-79.78	-71.49	5.60	12.48	H
	5132.52	-60.95	-13	-47.95	-81.04	-66.63	7.10	12.78	H
	6843.36	-54.44	-13	-41.44	-79.33	-57.83	8.38	11.77	H
	3421.68	-64.36	-13	-51.36	-79.57	-71.24	5.60	12.48	V
	5132.52	-60.46	-13	-47.46	-80.98	-66.14	7.10	12.78	V
	6843.36	-56.68	-13	-43.68	-81.8	-60.07	8.38	11.77	V
Middle	3451.68	-64.49	-13	-51.49	-79.96	-71.34	5.65	12.50	H
	5177.52	-60.88	-13	-47.88	-81.03	-66.55	7.13	12.80	H
	6903.36	-52.88	-13	-39.88	-78.00	-56.28	8.40	11.80	H
	3451.68	-64.59	-13	-51.59	-80.09	-71.44	5.65	12.50	V
	5177.52	-60.43	-13	-47.43	-81.03	-66.10	7.13	12.80	V
	6903.36	-56.30	-13	-43.30	-81.58	-59.70	8.40	11.80	V
Highest	3481.68	-64.06	-13	-51.06	-79.82	-70.90	5.68	12.52	H
	5222.52	-61.22	-13	-48.22	-81.22	-66.89	7.15	12.82	H
	6963.36	-49.03	-13	-36.03	-74.48	-52.46	8.42	11.85	H
	3481.68	-64.40	-13	-51.40	-80.2	-71.24	5.68	12.52	V
	5222.52	-61.28	-13	-48.28	-81.58	-66.95	7.15	12.82	V
	6963.36	-56.14	-13	-43.14	-81.66	-59.57	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	-64.51	-13	-51.51	-79.68	-71.39	5.60	12.48	H
	5133.27	-60.62	-13	-47.62	-80.71	-66.30	7.10	12.78	H
	6844.36	-52.89	-13	-39.89	-77.78	-56.28	8.38	11.77	H
	3422.18	-64.37	-13	-51.37	-79.58	-71.25	5.60	12.48	V
	5133.27	-60.55	-13	-47.55	-81.07	-66.23	7.10	12.78	V
	6844.36	-56.62	-13	-43.62	-81.74	-60.01	8.38	11.77	V
Middle	3447.18	-64.59	-13	-51.59	-80.06	-71.44	5.65	12.50	H
	5170.77	-60.94	-13	-47.94	-81.07	-66.61	7.13	12.80	H
	6894.36	-52.51	-13	-39.51	-77.64	-55.91	8.40	11.80	H
	3447.18	-64.27	-13	-51.27	-79.77	-71.12	5.65	12.50	V
	5170.77	-60.33	-13	-47.33	-80.91	-66.00	7.13	12.80	V
	6894.36	-56.42	-13	-43.42	-81.71	-59.82	8.40	11.80	V
Highest	3472.18	-64.34	-13	-51.34	-79.96	-71.18	5.68	12.52	H
	5208.27	-61.36	-13	-48.36	-81.35	-67.03	7.15	12.82	H
	6944.36	-50.23	-13	-37.23	-75.60	-53.66	8.42	11.85	H
	3472.18	-64.20	-13	-51.20	-79.85	-71.04	5.68	12.52	V
	5208.27	-60.24	-13	-47.24	-80.53	-65.91	7.15	12.82	V
	6944.36	-55.99	-13	-42.99	-81.45	-59.42	8.42	11.85	V

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



Top Antenna

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	-66.85	-13	-53.85	-76.26	-70.08	3.98	9.36	H
	2097.21	-65.71	-13	-52.71	-78.44	-69.26	4.85	10.55	H
	2796.28	-64.91	-13	-51.91	-78.66	-69.84	5.50	12.58	H
	1398.14	-66.94	-13	-53.94	-76.27	-70.17	3.98	9.36	V
	2097.21	-65.83	-13	-52.83	-78.49	-69.38	4.85	10.55	V
	2796.28	-64.51	-13	-51.51	-78.97	-69.44	5.50	12.58	V
Middle	1413.74	-67.17	-13	-54.17	-76.62	-70.42	4.00	9.40	H
	2120.61	-65.99	-13	-52.99	-78.97	-69.56	4.88	10.60	H
	2827.48	-64.71	-13	-51.71	-78.63	-69.64	5.52	12.60	H
	1413.74	-66.74	-13	-53.74	-76.15	-69.99	4.00	9.40	V
	2120.61	-66.00	-13	-53.00	-78.89	-69.57	4.88	10.60	V
	2827.48	-64.39	-13	-51.39	-78.92	-69.32	5.52	12.60	V
Highest	1429.34	-67.00	-13	-54.00	-76.49	-70.17	4.10	9.42	H
	2144.01	-65.39	-13	-52.39	-78.62	-68.97	4.90	10.63	H
	2858.68	-64.67	-13	-51.67	-78.91	-69.59	5.55	12.62	H
	1429.34	-67.28	-13	-54.28	-76.67	-70.45	4.10	9.42	V
	2144.01	-65.89	-13	-52.89	-79.01	-69.47	4.90	10.63	V
	2858.68	-64.08	-13	-51.08	-78.71	-69.00	5.55	12.62	V

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



LTE Band 12 / 3MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.3	-67.00	-13	-54.00	-76.41	-70.23	3.98	9.36	H
	2097.45	-66.03	-13	-53.03	-78.76	-69.58	4.85	10.55	H
	2796.6	-65.10	-13	-52.10	-78.85	-70.03	5.50	12.58	H
	1398.3	-67.07	-13	-54.07	-76.40	-70.30	3.98	9.36	V
	2097.45	-66.03	-13	-53.03	-78.69	-69.58	4.85	10.55	V
	2796.6	-64.40	-13	-51.40	-78.86	-69.33	5.50	12.58	V
Middle	1412.3	-67.10	-13	-54.10	-76.55	-70.35	4.00	9.40	H
	2118.45	-65.92	-13	-52.92	-78.90	-69.49	4.88	10.60	H
	2824.6	-65.13	-13	-52.13	-79.05	-70.06	5.52	12.60	H
	1412.3	-66.91	-13	-53.91	-76.32	-70.16	4.00	9.40	V
	2118.45	-65.87	-13	-52.87	-78.76	-69.44	4.88	10.60	V
	2824.6	-64.24	-13	-51.24	-78.77	-69.17	5.52	12.60	V
Highest	1426.3	-67.15	-13	-54.15	-76.64	-70.32	4.10	9.42	H
	2139.45	-65.71	-13	-52.71	-78.94	-69.29	4.90	10.63	H
	2852.6	-64.78	-13	-51.78	-79.02	-69.70	5.55	12.62	H
	1426.3	-67.09	-13	-54.09	-76.48	-70.26	4.10	9.42	V
	2139.45	-65.52	-13	-52.52	-78.64	-69.10	4.90	10.63	V
	2852.6	-64.43	-13	-51.43	-79.06	-69.35	5.55	12.62	V

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



LTE Band 12 / 5MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1398.5	-66.46	-13	-53.46	-75.87	-69.69	3.98	9.36	H
	2097.75	-65.63	-13	-52.63	-78.36	-69.18	4.85	10.55	H
	2797	-64.69	-13	-51.69	-78.44	-69.62	5.50	12.58	H
	1398.5	-66.50	-13	-53.50	-75.83	-69.73	3.98	9.36	V
	2097.75	-65.55	-13	-52.55	-78.21	-69.10	4.85	10.55	V
	2797	-64.14	-13	-51.14	-78.60	-69.07	5.50	12.58	V
Middle	1410.5	-66.93	-13	-53.93	-76.38	-70.18	4.00	9.40	H
	2115.75	-65.94	-13	-52.94	-78.92	-69.51	4.88	10.60	H
	2821	-64.86	-13	-51.86	-78.77	-69.79	5.52	12.60	H
	1410.5	-67.07	-13	-54.07	-76.48	-70.32	4.00	9.40	V
	2115.75	-66.09	-13	-53.09	-78.98	-69.66	4.88	10.60	V
	2821	-64.14	-13	-51.14	-78.66	-69.07	5.52	12.60	V
Highest	1422.5	-66.87	-13	-53.87	-76.36	-70.04	4.10	9.42	H
	2133.75	-65.27	-13	-52.27	-78.48	-68.85	4.90	10.63	H
	2845	-64.60	-13	-51.60	-78.83	-69.52	5.55	12.62	H
	1422.5	-66.99	-13	-53.99	-76.38	-70.16	4.10	9.42	V
	2133.75	-65.76	-13	-52.76	-78.86	-69.34	4.90	10.63	V
	2845	-64.07	-13	-51.07	-78.69	-68.99	5.55	12.62	V

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



LTE Band 12 / 10MHz / QPSK									
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	1399	-66.44	-13	-53.44	-75.85	-69.67	3.98	9.36	H
	2098.5	-64.74	-13	-51.74	-77.47	-68.29	4.85	10.55	H
	2798	-64.36	-13	-51.36	-78.12	-69.29	5.50	12.58	H
	1399	-65.98	-13	-52.98	-75.31	-69.21	3.98	9.36	V
	2098.5	-65.30	-13	-52.30	-77.96	-68.85	4.85	10.55	V
	2798	-63.65	-13	-50.65	-78.12	-68.58	5.50	12.58	V
Middle	1406	-67.19	-13	-54.19	-76.64	-70.44	4.00	9.40	H
	2109	-66.14	-13	-53.14	-78.87	-69.71	4.88	10.60	H
	2812	-65.04	-13	-52.04	-78.95	-69.97	5.52	12.60	H
	1406	-66.85	-13	-53.85	-76.26	-70.10	4.00	9.40	V
	2109	-65.97	-13	-52.97	-78.63	-69.54	4.88	10.60	V
	2812	-64.26	-13	-51.26	-78.78	-69.19	5.52	12.60	V
Highest	1413	-66.43	-13	-53.43	-75.88	-69.60	4.10	9.42	H
	2119.5	-64.85	-13	-51.85	-77.83	-68.43	4.90	10.63	H
	2826	-64.31	-13	-51.31	-78.23	-69.23	5.55	12.62	H
	1413	-66.58	-13	-53.58	-75.99	-69.75	4.10	9.42	V
	2119.5	-64.65	-13	-51.65	-77.54	-68.23	4.90	10.63	V
	2826	-63.80	-13	-50.80	-78.33	-68.72	5.55	12.62	V

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



Top Antenna

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	-76.71	-70.50	3.98	9.36	H
	2331.75	-64.68	-13	-51.68	-78.45	-68.23	4.85	10.55	H
	3109	-63.75	-13	-50.75	-79.50	-68.68	5.50	12.58	H
	1554.5	-67.52	-13	-54.52	-76.46	-70.75	3.98	9.36	V
	2331.75	-65.01	-13	-52.01	-78.80	-68.56	4.85	10.55	V
	3109	-64.02	-13	-51.02	-79.62	-68.95	5.50	12.58	V
Middle	1559.5	-67.14	-42.15	-24.99	-76.58	-70.39	4.00	9.40	H
	2339.25	-65.22	-13	-52.22	-78.94	-68.79	4.88	10.60	H
	3119	-63.79	-13	-50.79	-79.55	-68.72	5.52	12.60	H
	1559.5	-67.60	-42.15	-25.45	-76.54	-70.85	4.00	9.40	V
	2339.25	-64.78	-13	-51.78	-78.55	-68.35	4.88	10.60	V
	3119	-63.67	-13	-50.67	-79.36	-68.60	5.52	12.60	V
Highest	1564.5	-67.25	-42.15	-25.10	-76.69	-70.42	4.10	9.42	H
	2346.75	-64.10	-13	-51.10	-77.82	-67.68	4.90	10.63	H
	3129	-64.06	-13	-51.06	-79.82	-68.98	5.55	12.62	H
	1564.5	-67.71	-42.15	-25.56	-76.65	-70.88	4.10	9.42	V
	2346.75	-64.87	-13	-51.87	-78.64	-68.45	4.90	10.63	V
	3129	-64.28	-13	-51.28	-79.97	-69.20	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	-67.15	-42.15	-25.00	-76.59	-70.40	4.00	9.40	H
	2339.25	-64.61	-13	-51.61	-78.33	-68.18	4.88	10.60	H
	3119	-63.79	-13	-50.79	-79.55	-68.72	5.52	12.60	H
	1559.5	-67.98	-42.15	-25.83	-76.92	-71.23	4.00	9.40	V
	2339.25	-65.12	-13	-52.12	-78.89	-68.69	4.88	10.60	V
	3119	-63.99	-13	-50.99	-79.68	-68.92	5.52	12.60	V

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



Top Antenna

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	-66.71	-13	-53.71	-76.16	-69.94	3.98	9.36	H
	2113.02	-65.69	-13	-52.69	-78.44	-69.24	4.85	10.55	H
	2817.36	-64.78	-13	-51.78	-78.69	-69.71	5.50	12.58	H
	1408.68	-67.22	-13	-54.22	-76.63	-70.45	3.98	9.36	V
	2113.02	-65.80	-13	-52.80	-78.48	-69.35	4.85	10.55	V
	2817.36	-64.47	-13	-51.47	-78.99	-69.40	5.50	12.58	V
Middle	1415.68	-66.81	-13	-53.81	-76.26	-70.06	4.00	9.40	H
	2123.58	-65.92	-13	-52.92	-78.90	-69.49	4.88	10.60	H
	2831.36	-64.76	-13	-51.76	-78.84	-69.69	5.52	12.60	H
	1415.68	-66.95	-13	-53.95	-76.36	-70.20	4.00	9.40	V
	2123.58	-65.85	-13	-52.85	-78.74	-69.42	4.88	10.60	V
	2831.36	-64.09	-13	-51.09	-78.67	-69.02	5.52	12.60	V
Highest	1422.68	-67.07	-13	-54.07	-76.56	-70.24	4.10	9.42	H
	2134.02	-65.36	-13	-52.36	-78.57	-68.94	4.90	10.63	H
	2845.36	-64.82	-13	-51.82	-79.05	-69.74	5.55	12.62	H
	1422.68	-67.40	-13	-54.40	-76.79	-70.57	4.10	9.42	V
	2134.02	-65.97	-13	-52.97	-79.07	-69.55	4.90	10.63	V
	2845.36	-64.28	-13	-51.28	-78.90	-69.20	5.55	12.62	V

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



LTE Band 17 / 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	1409.18	-66.76	-13	-53.76	-76.21	-69.99	3.98	9.36	H
	2113.77	-65.94	-13	-52.94	-78.92	-69.49	4.85	10.55	H
	2818.36	-64.68	-13	-51.68	-78.59	-69.61	5.50	12.58	H
	1409.18	-66.84	-13	-53.84	-76.25	-70.07	3.98	9.36	V
	2113.77	-66.18	-13	-53.18	-79.07	-69.73	4.85	10.55	V
	2818.36	-64.41	-13	-51.41	-78.93	-69.34	5.50	12.58	V
Middle	1411.18	-66.97	-13	-53.97	-76.42	-70.22	4.00	9.40	H
	2116.77	-65.71	-13	-52.71	-78.69	-69.28	4.88	10.60	H
	2822.36	-64.96	-13	-51.96	-78.87	-69.89	5.52	12.60	H
	1411.18	-67.22	-13	-54.22	-76.63	-70.47	4.00	9.40	V
	2116.77	-66.07	-13	-53.07	-78.96	-69.64	4.88	10.60	V
	2822.36	-64.10	-13	-51.10	-78.62	-69.03	5.52	12.60	V
Highest	1413.18	-66.81	-13	-53.81	-76.26	-69.98	4.10	9.42	H
	2119.77	-65.77	-13	-52.77	-78.75	-69.35	4.90	10.63	H
	2826.36	-65.00	-13	-52.00	-78.92	-69.92	5.55	12.62	H
	1413.18	-67.12	-13	-54.12	-76.53	-70.29	4.10	9.42	V
	2119.77	-65.95	-13	-52.95	-78.84	-69.53	4.90	10.63	V
	2826.36	-64.61	-13	-51.61	-79.14	-69.53	5.55	12.62	V

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



Top Antenna

LTE Band 66 / 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	3420.14	-64.01	-13	-51.01	-79.18	-70.89	5.60	12.48	H
	5130.21	-61.36	-13	-48.36	-81.45	-67.04	7.10	12.78	H
	6840.28	-54.13	-13	-41.13	-79.02	-57.52	8.38	11.77	H
	3420.14	-62.73	-13	-49.73	-77.94	-69.61	5.60	12.48	V
	5130.21	-60.94	-13	-47.94	-81.46	-66.62	7.10	12.78	V
	6840.28	-56.60	-13	-43.60	-81.72	-59.99	8.38	11.77	V
Middle	3488.74	-62.66	-13	-49.66	-78.42	-69.51	5.65	12.50	H
	5233.11	-62.20	-13	-49.20	-82.02	-67.87	7.13	12.80	H
	6977.48	-47.58	-13	-34.58	-73.12	-50.98	8.40	11.80	H
	3488.74	-60.60	-13	-47.60	-76.4	-67.45	5.65	12.50	V
	5233.11	-62.29	-13	-49.29	-82.27	-67.96	7.13	12.80	V
	6977.48	-55.66	-13	-42.66	-81.24	-59.06	8.40	11.80	V
Highest	3557.34	-63.51	-13	-50.51	-79.84	-70.35	5.68	12.52	H
	5336.01	-62.25	-13	-49.25	-82.39	-67.92	7.15	12.82	H
	7114.68	-42.21	-13	-29.21	-68.09	-45.64	8.42	11.85	H
	3557.34	-61.47	-13	-48.47	-77.83	-68.31	5.68	12.52	V
	5336.01	-62.28	-13	-49.28	-82.61	-67.95	7.15	12.82	V
	7114.68	-49.77	-13	-36.77	-76.25	-53.20	8.42	11.85	V

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



LTE Band 66 / 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	3420.3	-64.36	-13	-51.36	-79.53	-71.24	5.60	12.48	H
	5130.45	-61.65	-13	-48.65	-81.74	-67.33	7.10	12.78	H
	6840.6	-54.13	-13	-41.13	-79.02	-57.52	8.38	11.77	H
	3420.3	-64.31	-13	-51.31	-79.52	-71.19	5.60	12.48	V
	5130.45	-61.10	-13	-48.10	-81.62	-66.78	7.10	12.78	V
	6840.6	-57.02	-13	-44.02	-82.14	-60.41	8.38	11.77	V
Middle	3487.3	-63.72	-13	-50.72	-79.48	-70.57	5.65	12.50	H
	5230.95	-62.27	-13	-49.27	-82.09	-67.94	7.13	12.80	H
	6974.6	-47.63	-13	-34.63	-73.08	-51.03	8.40	11.80	H
	3487.3	-62.56	-13	-49.56	-78.36	-69.41	5.65	12.50	V
	5230.95	-62.26	-13	-49.26	-82.24	-67.93	7.13	12.80	V
	6974.6	-56.29	-13	-43.29	-81.81	-59.69	8.40	11.80	V
Highest	3554.3	-62.83	-13	-49.83	-79.16	-69.67	5.68	12.52	H
	5331.45	-62.31	-13	-49.31	-82.45	-67.98	7.15	12.82	H
	7108.6	-43.48	-13	-30.48	-69.31	-46.91	8.42	11.85	H
	3554.3	-62.31	-13	-49.31	-78.67	-69.15	5.68	12.52	V
	5331.45	-62.02	-13	-49.02	-82.35	-67.69	7.15	12.82	V
	7108.6	-54.77	-13	-41.77	-81.11	-58.20	8.42	11.85	V

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



LTE Band 66 / 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	3420.5	-64.69	-13	-51.69	-79.86	-71.57	5.60	12.48	H
	5130.75	-61.81	-13	-48.81	-81.90	-67.49	7.10	12.78	H
	6841	-55.59	-13	-42.59	-80.48	-58.98	8.38	11.77	H
	3420.5	-63.82	-13	-50.82	-79.03	-70.70	5.60	12.48	V
	5130.75	-61.27	-13	-48.27	-81.79	-66.95	7.10	12.78	V
	6841	-56.26	-13	-43.26	-81.38	-59.65	8.38	11.77	V
Middle	3485.5	-64.27	-13	-51.27	-80.03	-71.12	5.65	12.50	H
	5228.25	-62.53	-13	-49.53	-82.35	-68.20	7.13	12.80	H
	6971	-49.00	-13	-36.00	-74.45	-52.40	8.40	11.80	H
	3485.5	-63.06	-13	-50.06	-78.86	-69.91	5.65	12.50	V
	5228.25	-62.23	-13	-49.23	-82.21	-67.90	7.13	12.80	V
	6971	-53.54	-13	-40.54	-79.06	-56.94	8.40	11.80	V
Highest	3550.5	-62.63	-13	-49.63	-78.96	-69.47	5.68	12.52	H
	5325.75	-62.59	-13	-49.59	-82.63	-68.26	7.15	12.82	H
	7101	-45.13	-13	-32.13	-70.99	-48.56	8.42	11.85	H
	3550.5	-61.42	-13	-48.42	-77.78	-68.26	5.68	12.52	V
	5325.75	-62.26	-13	-49.26	-82.46	-67.93	7.15	12.82	V
	7101	-54.94	-13	-41.94	-81.31	-58.37	8.42	11.85	V

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



LTE Band 66 / 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	-64.04	-13	-51.04	-79.21	-70.92	5.60	12.48	H
	5131.5	-61.44	-13	-48.44	-81.53	-67.12	7.10	12.78	H
	6842	-54.04	-13	-41.04	-78.93	-57.43	8.38	11.77	H
	3421	-63.50	-13	-50.50	-78.71	-70.38	5.60	12.48	V
	5131.5	-61.48	-13	-48.48	-82	-67.16	7.10	12.78	V
	6842	-56.48	-13	-43.48	-81.6	-59.87	8.38	11.77	V
Middle	3481	-64.63	-13	-51.63	-80.39	-71.48	5.65	12.50	H
	5221.5	-62.01	-13	-49.01	-82.01	-67.68	7.13	12.80	H
	6962	-49.13	-13	-36.13	-74.58	-52.53	8.40	11.80	H
	3481	-64.27	-13	-51.27	-80.07	-71.12	5.65	12.50	V
	5221.5	-62.28	-13	-49.28	-82.58	-67.95	7.13	12.80	V
	6962	-54.75	-13	-41.75	-80.27	-58.15	8.40	11.80	V
Highest	3541	-64.58	-13	-51.58	-80.76	-71.42	5.68	12.52	H
	5311.5	-62.13	-13	-49.13	-82.16	-67.80	7.15	12.82	H
	7082	-44.53	-13	-31.53	-70.33	-47.96	8.42	11.85	H
	3541	-63.42	-13	-50.42	-79.64	-70.26	5.68	12.52	V
	5311.5	-62.49	-13	-49.49	-82.68	-68.16	7.15	12.82	V
	7082	-54.15	-13	-41.15	-80.38	-57.58	8.42	11.85	V

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



LTE Band 66 / 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	3421.5	-63.75	-13	-50.75	-78.92	-70.63	5.60	12.48	H
	5132.25	-61.75	-13	-48.75	-81.84	-67.43	7.10	12.78	H
	6843	-54.99	-13	-41.99	-79.88	-58.38	8.38	11.77	H
	3421.5	-64.00	-13	-51.00	-79.21	-70.88	5.60	12.48	V
	5132.25	-61.36	-13	-48.36	-81.88	-67.04	7.10	12.78	V
	6843	-56.08	-13	-43.08	-81.2	-59.47	8.38	11.77	V
Middle	3476.5	-65.07	-13	-52.07	-80.83	-71.92	5.65	12.50	H
	5214.75	-62.38	-13	-49.38	-82.37	-68.05	7.13	12.80	H
	6953	-49.52	-13	-36.52	-74.89	-52.92	8.40	11.80	H
	3476.5	-64.51	-13	-51.51	-80.31	-71.36	5.65	12.50	V
	5214.75	-62.00	-13	-49.00	-82.29	-67.67	7.13	12.80	V
	6953	-54.75	-13	-41.75	-80.21	-58.15	8.40	11.80	V
Highest	3531.5	-64.64	-13	-51.64	-80.83	-71.48	5.68	12.52	H
	5297.25	-62.12	-13	-49.12	-82.06	-67.79	7.15	12.82	H
	7063	-44.78	-13	-31.78	-70.54	-48.21	8.42	11.85	H
	3531.5	-64.23	-13	-51.23	-80.46	-71.07	5.68	12.52	V
	5297.25	-62.46	-13	-49.46	-82.52	-68.13	7.15	12.82	V
	7063	-55.05	-13	-42.05	-81.16	-58.48	8.42	11.85	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	-63.61	-13	-50.61	-78.78	-70.49	5.60	12.48	H
	5133	-61.76	-13	-48.76	-81.85	-67.44	7.10	12.78	H
	6844	-55.68	-13	-42.68	-80.57	-59.07	8.38	11.77	H
	3422	-64.01	-13	-51.01	-79.22	-70.89	5.60	12.48	V
	5133	-61.23	-13	-48.23	-81.75	-66.91	7.10	12.78	V
	6844	-56.23	-13	-43.23	-81.35	-59.62	8.38	11.77	V
Middle	3472	-64.88	-13	-51.88	-80.50	-71.73	5.65	12.50	H
	5208	-62.07	-13	-49.07	-82.06	-67.74	7.13	12.80	H
	6944	-51.01	-13	-38.01	-76.38	-54.41	8.40	11.80	H
	3472	-64.48	-13	-51.48	-80.13	-71.33	5.65	12.50	V
	5208	-61.87	-13	-48.87	-82.16	-67.54	7.13	12.80	V
	6944	-55.10	-13	-42.10	-80.56	-58.50	8.40	11.80	V
Highest	3522	-63.72	-13	-50.72	-79.77	-70.56	5.68	12.52	H
	5283	-62.51	-13	-49.51	-82.35	-68.18	7.15	12.82	H
	7044	-46.03	-13	-33.03	-71.77	-49.46	8.42	11.85	H
	3522	-62.38	-13	-49.38	-78.46	-69.22	5.68	12.52	V
	5283	-62.53	-13	-49.53	-82.46	-68.20	7.15	12.82	V
	7044	-54.71	-13	-41.71	-80.71	-58.14	8.42	11.85	V

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



Bottom Antenna

LTE Band 66 / 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	3420.14	-64.37	-13	-51.37	-79.54	-71.25	5.60	12.48	H
	5130.21	-61.54	-13	-48.54	-81.63	-67.22	7.10	12.78	H
	6840.28	-53.88	-13	-40.88	-78.77	-57.27	8.38	11.77	H
	3420.14	-62.92	-13	-49.92	-78.13	-69.80	5.60	12.48	V
	5130.21	-61.10	-13	-48.10	-81.62	-66.78	7.10	12.78	V
	6840.28	-57.17	-13	-44.17	-82.29	-60.56	8.38	11.77	V
Middle	3488.74	-64.20	-13	-51.20	-79.96	-71.05	5.65	12.50	H
	5233.11	-62.34	-13	-49.34	-82.16	-68.01	7.13	12.80	H
	6977.48	-47.70	-13	-34.70	-73.24	-51.10	8.40	11.80	H
	3488.74	-63.81	-13	-50.81	-79.61	-70.66	5.65	12.50	V
	5233.11	-62.13	-13	-49.13	-82.11	-67.80	7.13	12.80	V
	6977.48	-56.03	-13	-43.03	-81.61	-59.43	8.40	11.80	V
Highest	3557.34	-63.68	-13	-50.68	-80.01	-70.52	5.68	12.52	H
	5336.01	-62.35	-13	-49.35	-82.49	-68.02	7.15	12.82	H
	7114.68	-44.39	-13	-31.39	-70.27	-47.82	8.42	11.85	H
	3557.34	-63.70	-13	-50.70	-80.06	-70.54	5.68	12.52	V
	5336.01	-62.14	-13	-49.14	-82.47	-67.81	7.15	12.82	V
	7114.68	-54.25	-13	-41.25	-80.73	-57.68	8.42	11.85	V

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



LTE Band 66 / 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	3420.3	-63.84	-13	-50.84	-79.01	-70.72	5.60	12.48	H
	5130.45	-61.31	-13	-48.31	-81.40	-66.99	7.10	12.78	H
	6840.6	-54.08	-13	-41.08	-78.97	-57.47	8.38	11.77	H
	3420.3	-62.74	-13	-49.74	-77.95	-69.62	5.60	12.48	V
	5130.45	-61.12	-13	-48.12	-81.64	-66.80	7.10	12.78	V
	6840.6	-57.34	-13	-44.34	-82.46	-60.73	8.38	11.77	V
Middle	3487.3	-64.22	-13	-51.22	-79.98	-71.07	5.65	12.50	H
	5230.95	-62.46	-13	-49.46	-82.28	-68.13	7.13	12.80	H
	6974.6	-47.76	-13	-34.76	-73.21	-51.16	8.40	11.80	H
	3487.3	-63.66	-13	-50.66	-79.46	-70.51	5.65	12.50	V
	5230.95	-61.90	-13	-48.90	-81.88	-67.57	7.13	12.80	V
	6974.6	-55.48	-13	-42.48	-81	-58.88	8.40	11.80	V
Highest	3554.3	-63.44	-13	-50.44	-79.77	-70.28	5.68	12.52	H
	5331.45	-62.37	-13	-49.37	-82.51	-68.04	7.15	12.82	H
	7108.6	-44.67	-13	-31.67	-70.50	-48.10	8.42	11.85	H
	3554.3	-64.12	-13	-51.12	-80.48	-70.96	5.68	12.52	V
	5331.45	-61.88	-13	-48.88	-82.21	-67.55	7.15	12.82	V
	7108.6	-54.81	-13	-41.81	-81.15	-58.24	8.42	11.85	V

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



LTE Band 66 / 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	3420.5	-64.15	-13	-51.15	-79.32	-71.03	5.60	12.48	H
	5130.75	-61.64	-13	-48.64	-81.73	-67.32	7.10	12.78	H
	6841	-54.35	-13	-41.35	-79.24	-57.74	8.38	11.77	H
	3420.5	-63.12	-13	-50.12	-78.33	-70.00	5.60	12.48	V
	5130.75	-60.99	-13	-47.99	-81.51	-66.67	7.10	12.78	V
	6841	-57.24	-13	-44.24	-82.36	-60.63	8.38	11.77	V
Middle	3485.5	-64.39	-13	-51.39	-80.15	-71.24	5.65	12.50	H
	5228.25	-62.36	-13	-49.36	-82.18	-68.03	7.13	12.80	H
	6971	-47.92	-13	-34.92	-73.37	-51.32	8.40	11.80	H
	3485.5	-63.47	-13	-50.47	-79.27	-70.32	5.65	12.50	V
	5228.25	-62.20	-13	-49.20	-82.18	-67.87	7.13	12.80	V
	6971	-55.82	-13	-42.82	-81.34	-59.22	8.40	11.80	V
Highest	3550.5	-63.83	-13	-50.83	-80.16	-70.67	5.68	12.52	H
	5325.75	-62.19	-13	-49.19	-82.23	-67.86	7.15	12.82	H
	7101	-44.78	-13	-31.78	-70.64	-48.21	8.42	11.85	H
	3550.5	-64.11	-13	-51.11	-80.47	-70.95	5.68	12.52	V
	5325.75	-62.34	-13	-49.34	-82.54	-68.01	7.15	12.82	V
	7101	-54.88	-13	-41.88	-81.25	-58.31	8.42	11.85	V

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



LTE Band 66 / 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	-63.83	-13	-50.83	-79.00	-70.71	5.60	12.48	H
	5131.5	-61.67	-13	-48.67	-81.76	-67.35	7.10	12.78	H
	6842	-53.79	-13	-40.79	-78.68	-57.18	8.38	11.77	H
	3421	-61.76	-13	-48.76	-76.97	-68.64	5.60	12.48	V
	5131.5	-61.04	-13	-48.04	-81.56	-66.72	7.10	12.78	V
	6842	-57.12	-13	-44.12	-82.24	-60.51	8.38	11.77	V
Middle	3481	-64.62	-13	-51.62	-80.38	-71.47	5.65	12.50	H
	5221.5	-62.28	-13	-49.28	-82.28	-67.95	7.13	12.80	H
	6962	-48.44	-13	-35.44	-73.89	-51.84	8.40	11.80	H
	3481	-63.31	-13	-50.31	-79.11	-70.16	5.65	12.50	V
	5221.5	-62.23	-13	-49.23	-82.53	-67.90	7.13	12.80	V
	6962	-56.37	-13	-43.37	-81.89	-59.77	8.40	11.80	V
Highest	3541	-64.19	-13	-51.19	-80.37	-71.03	5.68	12.52	H
	5311.5	-62.57	-13	-49.57	-82.60	-68.24	7.15	12.82	H
	7082	-45.19	-13	-32.19	-70.99	-48.62	8.42	11.85	H
	3541	-64.02	-13	-51.02	-80.24	-70.86	5.68	12.52	V
	5311.5	-62.35	-13	-49.35	-82.54	-68.02	7.15	12.82	V
	7082	-54.83	-13	-41.83	-81.06	-58.26	8.42	11.85	V

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



LTE Band 66 / 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	3421.5	-63.39	-13	-50.39	-78.56	-70.27	5.60	12.48	H
	5132.25	-61.69	-13	-48.69	-81.78	-67.37	7.10	12.78	H
	6843	-52.49	-13	-39.49	-77.38	-55.88	8.38	11.77	H
	3421.5	-61.46	-13	-48.46	-76.67	-68.34	5.60	12.48	V
	5132.25	-61.26	-13	-48.26	-81.78	-66.94	7.10	12.78	V
	6843	-56.98	-13	-43.98	-82.1	-60.37	8.38	11.77	V
Middle	3476.5	-64.07	-13	-51.07	-79.83	-70.92	5.65	12.50	H
	5214.75	-61.94	-13	-48.94	-81.93	-67.61	7.13	12.80	H
	6953	-47.90	-13	-34.90	-73.27	-51.30	8.40	11.80	H
	3476.5	-62.74	-13	-49.74	-78.54	-69.59	5.65	12.50	V
	5214.75	-61.84	-13	-48.84	-82.13	-67.51	7.13	12.80	V
	6953	-56.30	-13	-43.30	-81.76	-59.70	8.40	11.80	V
Highest	3531.5	-64.17	-13	-51.17	-80.36	-71.01	5.68	12.52	H
	5297.25	-62.45	-13	-49.45	-82.39	-68.12	7.15	12.82	H
	7063	-44.57	-13	-31.57	-70.33	-48.00	8.42	11.85	H
	3531.5	-63.12	-13	-50.12	-79.35	-69.96	5.68	12.52	V
	5297.25	-62.24	-13	-49.24	-82.3	-67.91	7.15	12.82	V
	7063	-55.02	-13	-42.02	-81.13	-58.45	8.42	11.85	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	-63.23	-13	-50.23	-78.40	-70.11	5.60	12.48	H
	5133	-61.64	-13	-48.64	-81.73	-67.32	7.10	12.78	H
	6844	-52.51	-13	-39.51	-77.40	-55.90	8.38	11.77	H
	3422	-61.63	-13	-48.63	-76.84	-68.51	5.60	12.48	V
	5133	-61.18	-13	-48.18	-81.7	-66.86	7.10	12.78	V
	6844	-57.02	-13	-44.02	-82.14	-60.41	8.38	11.77	V
Middle	3472	-63.98	-13	-50.98	-79.60	-70.83	5.65	12.50	H
	5208	-62.20	-13	-49.20	-82.19	-67.87	7.13	12.80	H
	6944	-49.03	-13	-36.03	-74.40	-52.43	8.40	11.80	H
	3472	-62.88	-13	-49.88	-78.53	-69.73	5.65	12.50	V
	5208	-61.80	-13	-48.80	-82.09	-67.47	7.13	12.80	V
	6944	-56.18	-13	-43.18	-81.64	-59.58	8.40	11.80	V
Highest	3522	-62.77	-13	-49.77	-78.82	-69.61	5.68	12.52	H
	5283	-62.34	-13	-49.34	-82.18	-68.01	7.15	12.82	H
	7044	-45.25	-13	-32.25	-70.99	-48.68	8.42	11.85	H
	3522	-62.57	-13	-49.57	-78.65	-69.41	5.68	12.52	V
	5283	-62.39	-13	-49.39	-82.32	-68.06	7.15	12.82	V
	7044	-55.06	-13	-42.06	-81.06	-58.49	8.42	11.85	V

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