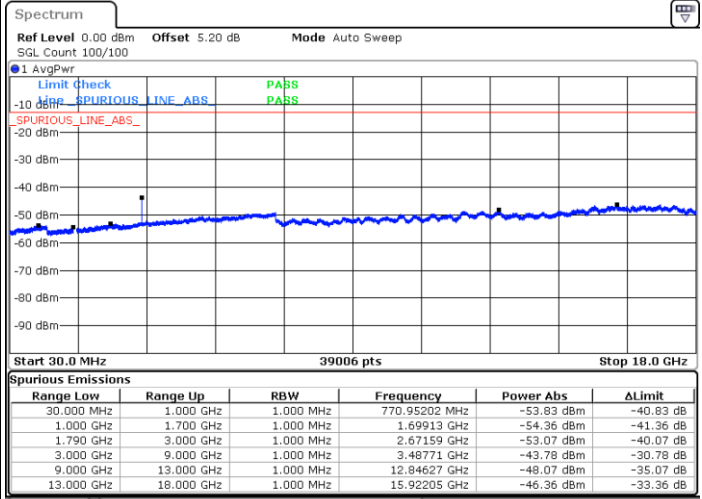
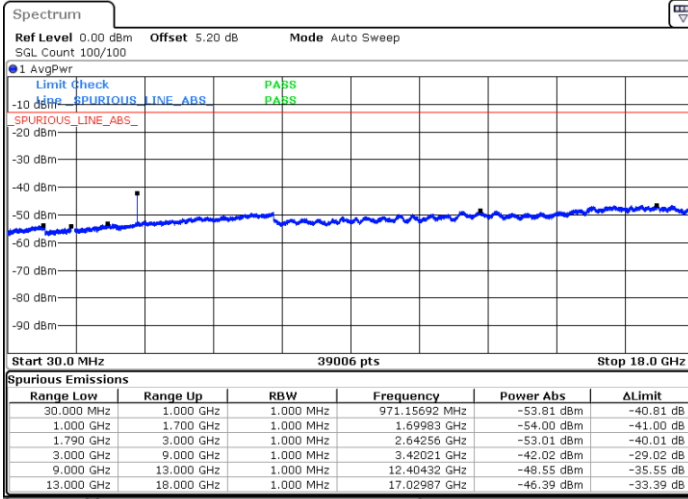




LTE Band 66 / 3MHz

Lowest Channel / QPSK

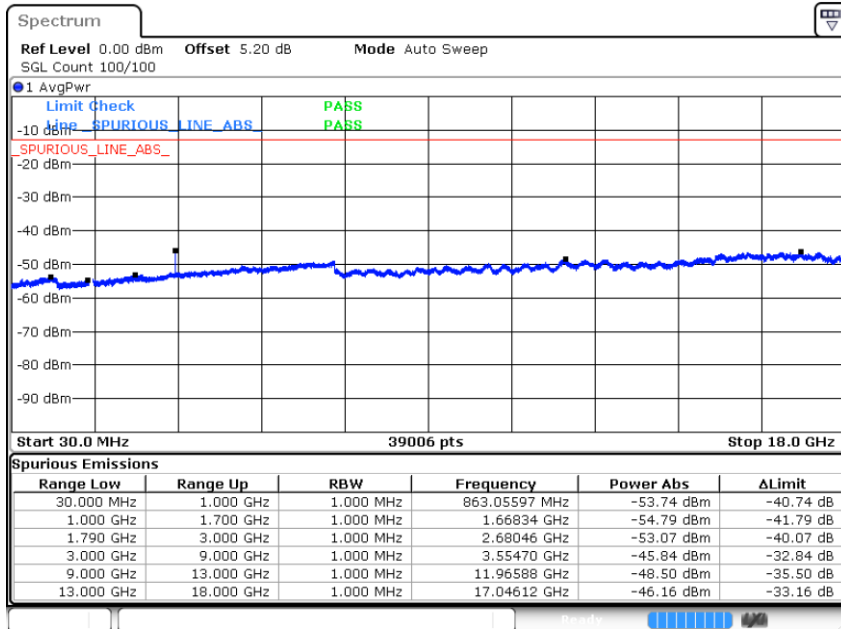
Middle Channel / QPSK



Date: 30.OCT.2021 22:51:33

Date: 30.OCT.2021 22:53:01

Highest Channel / QPSK



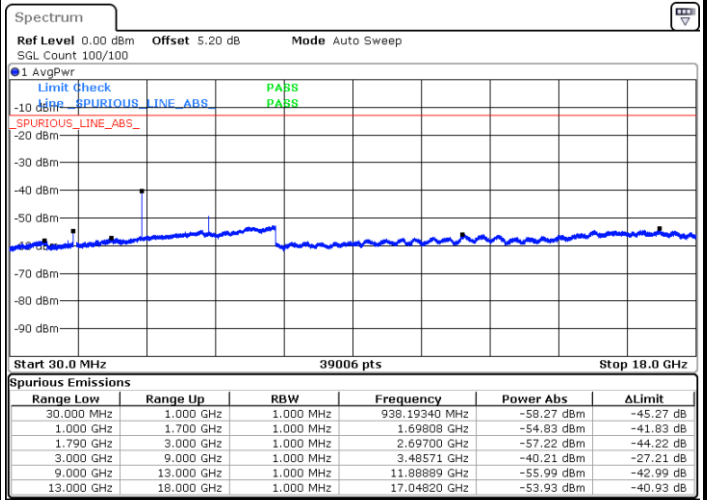
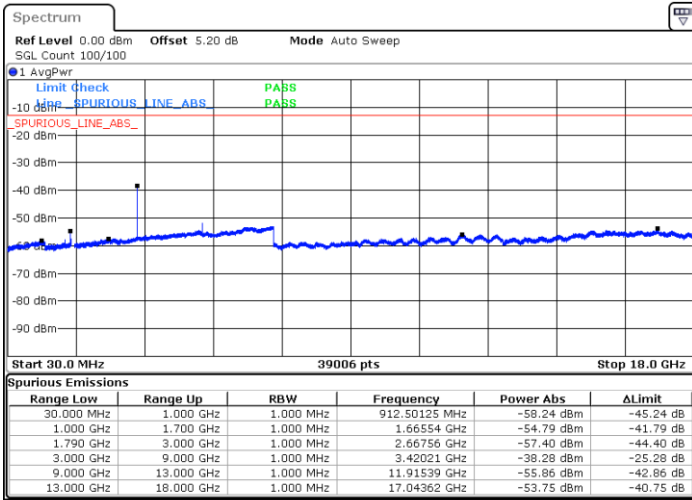
Date: 30.OCT.2021 23:01:42



LTE Band 66 / 5MHz

Lowest Channel / QPSK

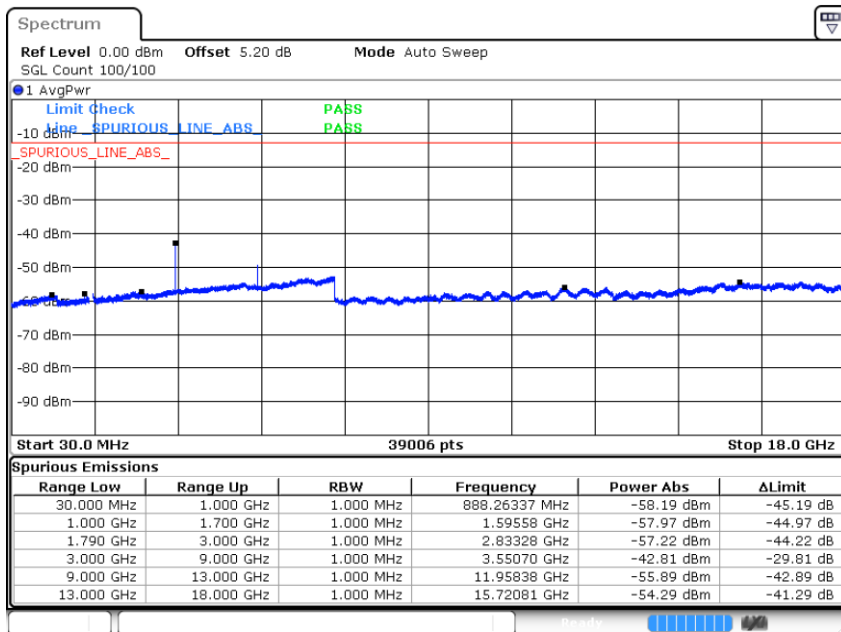
Middle Channel / QPSK



Date: 30.OCT.2021 23:21:24

Date: 30.OCT.2021 23:22:51

Highest Channel / QPSK



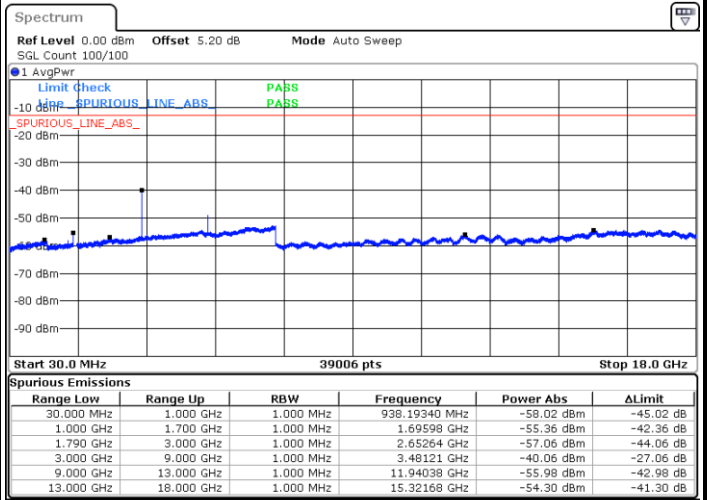
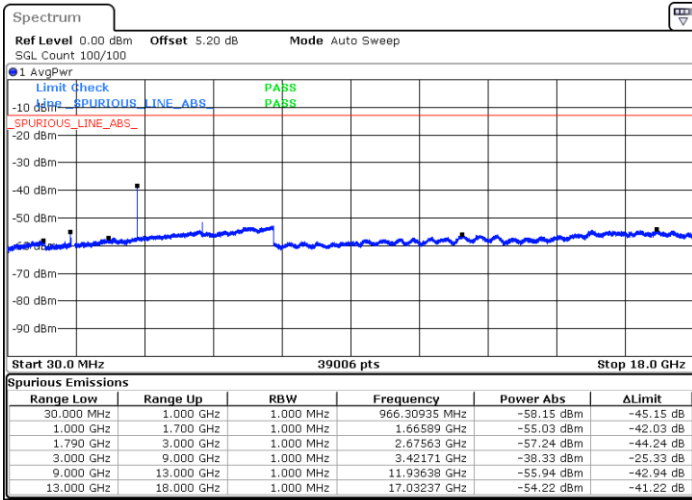
Date: 30.OCT.2021 23:30:05



LTE Band 66 / 10MHz

Lowest Channel / QPSK

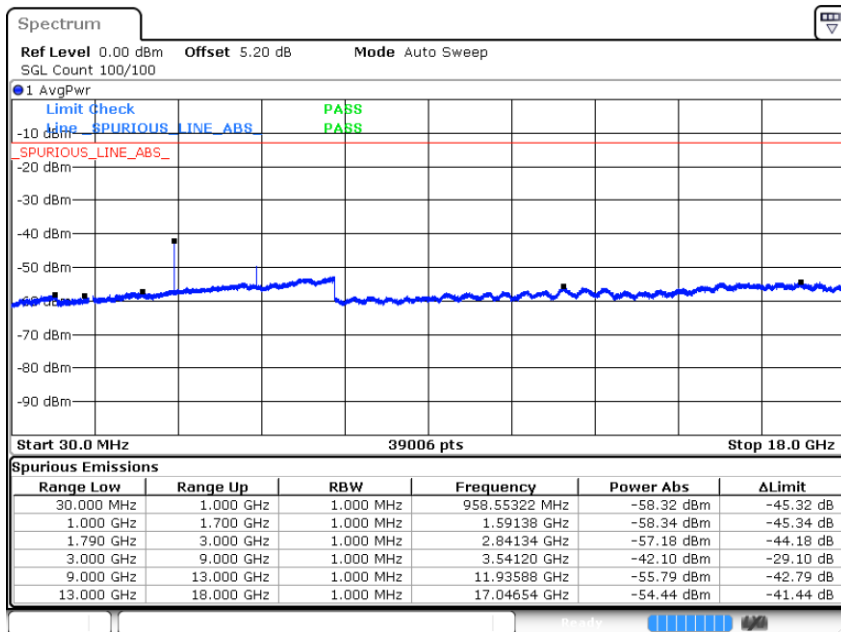
Middle Channel / QPSK



Date: 30.OCT.2021 23:40:08

Date: 30.OCT.2021 23:41:35

Highest Channel / QPSK



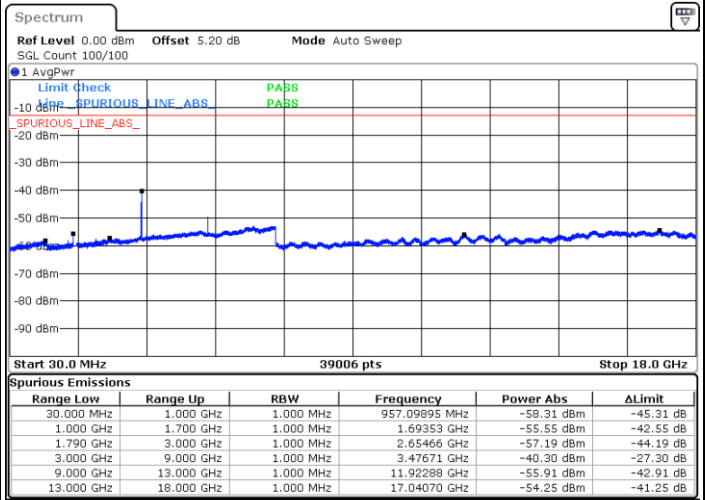
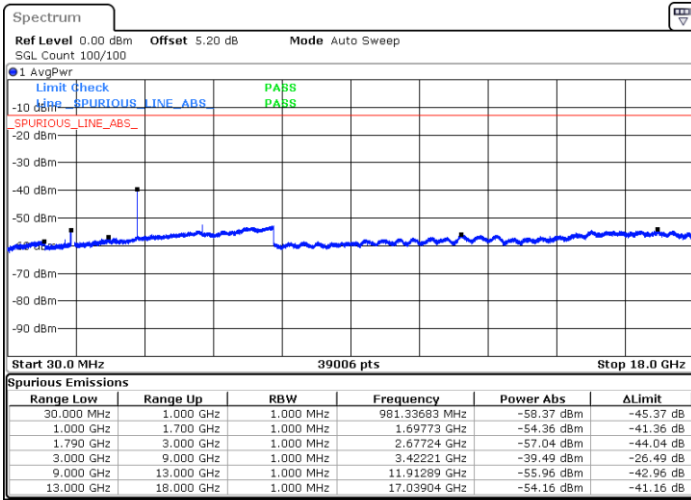
Date: 30.OCT.2021 23:48:49



LTE Band 66 / 15MHz

Lowest Channel / QPSK

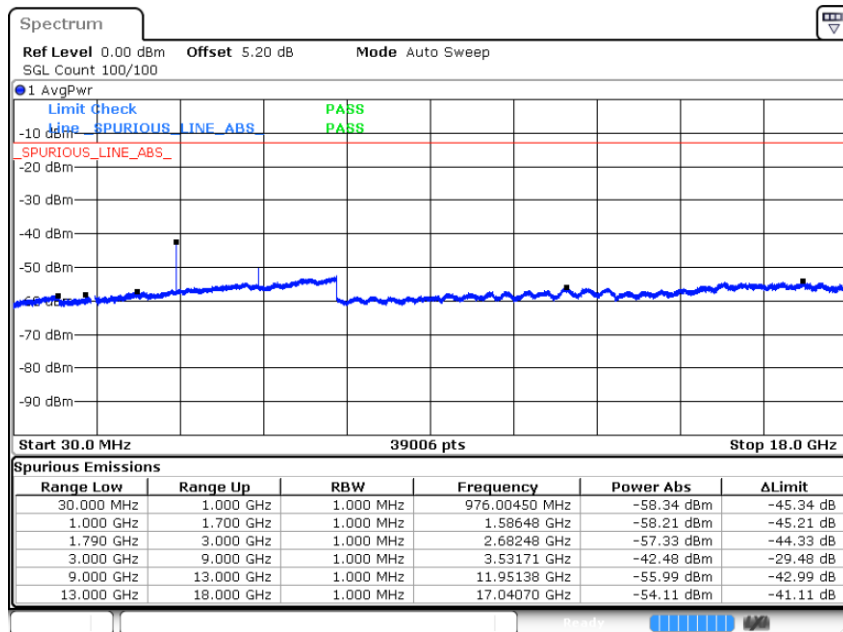
Middle Channel / QPSK



Date: 31.OCT.2021 00:09:27

Date: 31.OCT.2021 00:10:54

Highest Channel / QPSK



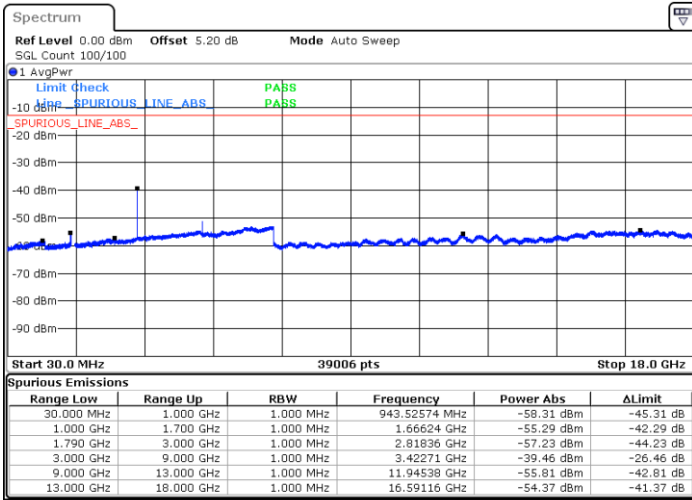
Date: 31.OCT.2021 00:18:08



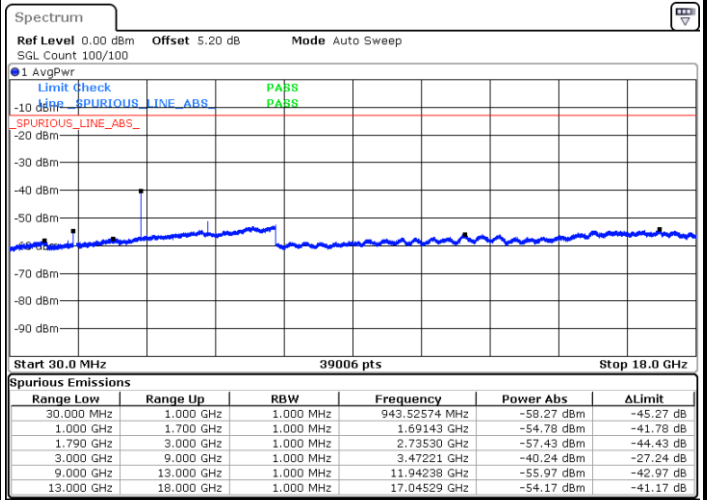
LTE Band 66 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

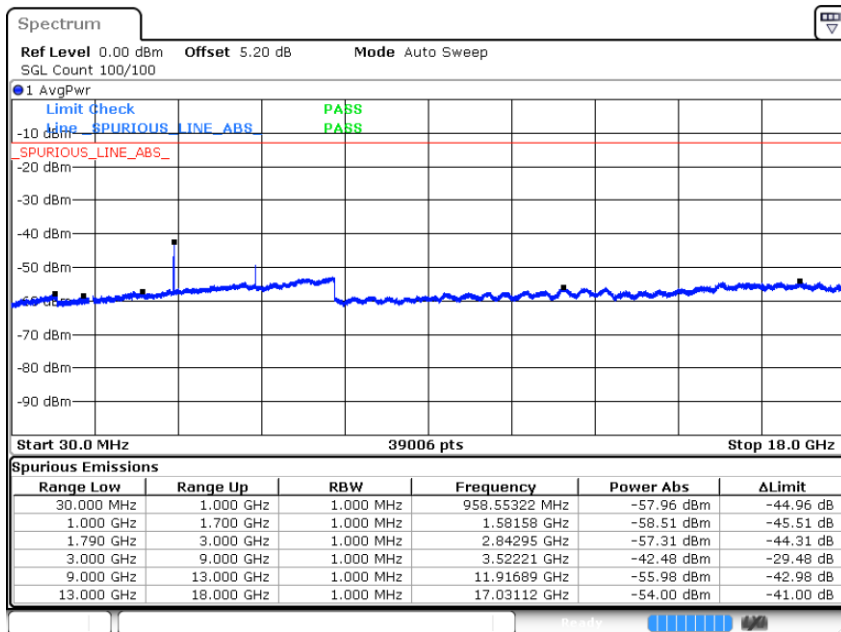


Date: 31.OCT.2021 00:25:42



Date: 31.OCT.2021 00:27:10

Highest Channel / QPSK



Date: 31.OCT.2021 00:34:24



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 20MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0005	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0011	
20	Normal Voltage	0.0002	
20	Battery End Point	0.0004	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.4 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

Test Engineer :	Levi Zhuo	Temperature :	22~23°C
		Relative Humidity :	41~42%

LTE Band 12 / 10MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1406	-68.16	-13	-55.16	-75.13	1.58	10.70	H
	2110	-59.24	-13	-46.24	-67.49	2.102	12.50	H
	2812	-61.24	-13	-48.24	-70.13	2.856	13.90	H
	1406	-66.02	-13	-53.02	-72.99	1.58	10.70	V
	2110	-62.34	-13	-49.34	-70.59	2.10	12.50	V
	2812	-60.75	-13	-47.75	-69.64	2.86	13.90	V

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

LTE Band 13 / 5MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1560	-62.23	-42.15	-20.08	-64.86	1.09	5.87	H
	2340	-57.96	-13	-44.96	-60.36	1.37	5.92	H
	3120	-61.22	-13	-48.22	-65.11	1.64	7.68	H
	1560	-65.22	-42.15	-23.07	-67.85	1.09	5.87	V
	2340	-55.03	-13	-42.03	-57.43	1.37	5.92	V
	3120	-61.32	-13	-48.32	-65.21	1.64	7.68	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1556	-61.92	-13	-48.92	-64.55	1.09	5.87	H
	2332	-58.88	-13	-45.88	-61.28	1.37	5.92	H
	3108	-61.46	-13	-48.46	-65.35	1.64	7.68	H
	1556	-63.66	-13	-50.66	-66.29	1.09	5.87	V
	2332	-56.25	-13	-43.25	-58.65	1.37	5.92	V
	3108	-61.31	-13	-48.31	-65.20	1.64	7.68	V

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



LTE Band 25 / 20MHz / QPSK								
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3747	-58.56	-13	-45.56	-70.82	2.64	14.90	H
	5622	-56.80	-13	-43.80	-68.66	2.94	14.80	H
	7500	-55.41	-13	-42.41	-65.18	3.39	13.16	H
	3747	-58.40	-13	-45.40	-70.66	2.64	14.90	V
	5622	-58.55	-13	-45.55	-70.41	2.94	14.80	V
	7500	-55.15	-13	-42.15	-64.92	3.39	13.16	V

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

LTE Band 26 / 15MHz / QPSK								
Channel	Frequency (MHz)	ERP (dBm)	Limit (dBm)	Over Limit (dB)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	1660	-64.48	-13	-51.48	-71.45	1.58	10.70	H
	2490	-48.73	-13	-35.73	-56.98	2.102	12.50	H
	3318	-62.75	-13	-49.75	-71.64	2.856	13.90	H
	1660	-63.13	-13	-50.13	-70.10	1.58	10.70	V
	2490	-52.62	-13	-39.62	-60.87	2.10	12.50	V
	3318	-62.61	-13	-49.61	-71.50	2.86	13.90	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)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	3492	-56.74	-13	-43.74	-67.48	2.604	13.34	H
	5238	-56.77	-13	-43.77	-67.28	3.011	13.52	H
	6984	-55.07	-13	-42.07	-65.27	3.271	13.47	H
	3492	-52.72	-13	-39.72	-63.46	2.604	13.34	V
	5238	-57.24	-13	-44.24	-67.75	3.011	13.52	V
	6984	-55.14	-13	-42.14	-65.34	3.271	13.47	V

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