

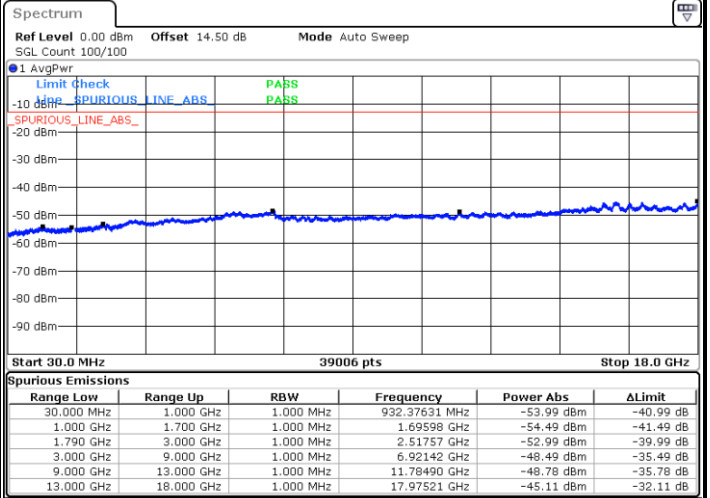
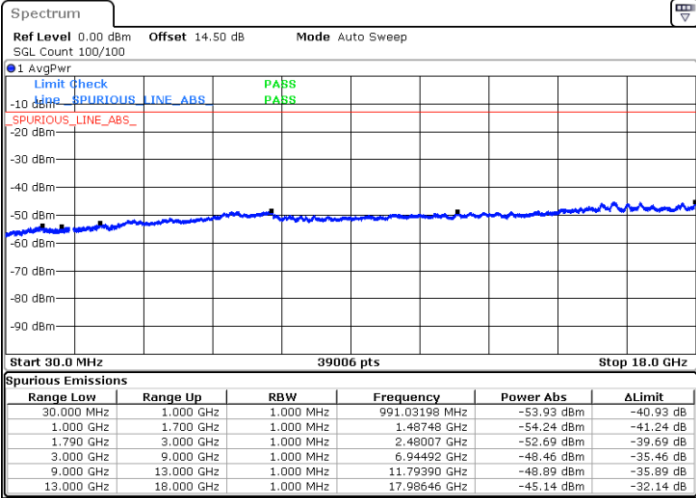


Conducted Spurious Emission

LTE Band 66 / 1.4MHz

Lowest Channel / QPSK

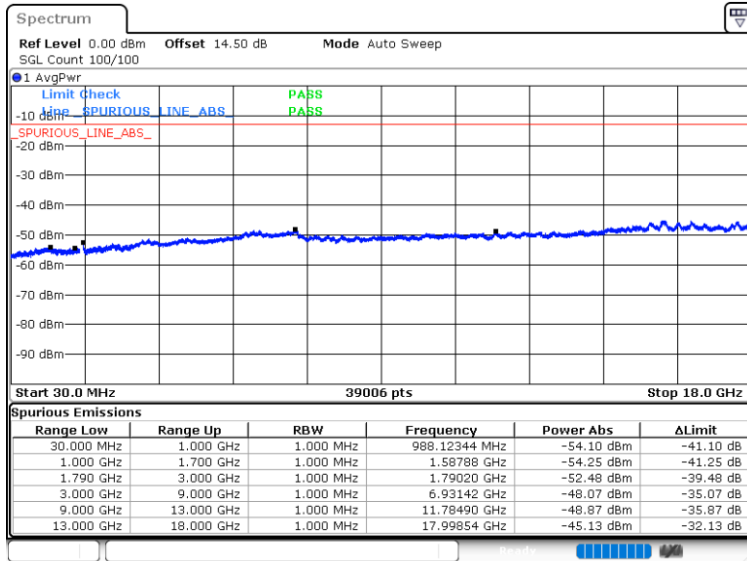
Middle Channel / QPSK



Date: 15.MAR.2024 01:20:40

Date: 15.MAR.2024 01:24:21

Highest Channel / QPSK



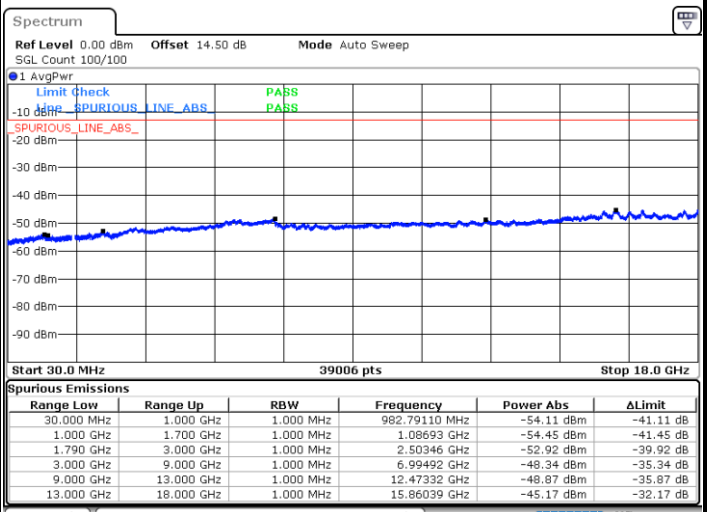
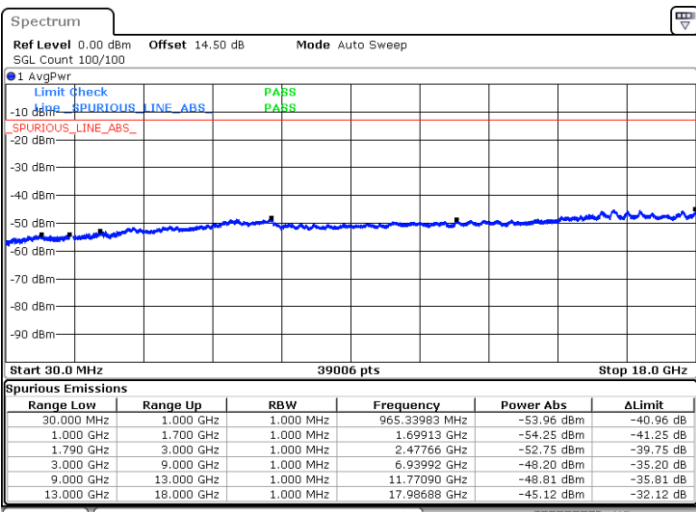
Date: 15.MAR.2024 01:29:23



LTE Band 66 / 3MHz

Lowest Channel / QPSK

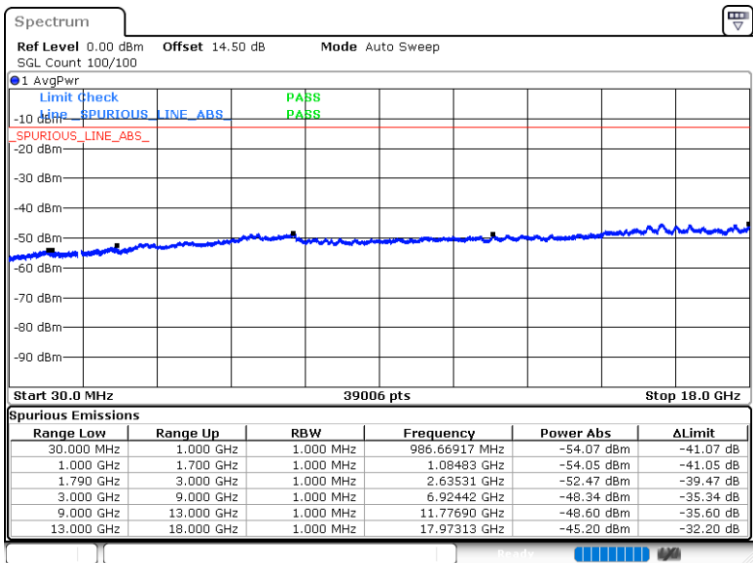
Middle Channel / QPSK



Date: 15.MAR.2024 01:45:20

Date: 15.MAR.2024 01:49:01

Highest Channel / QPSK



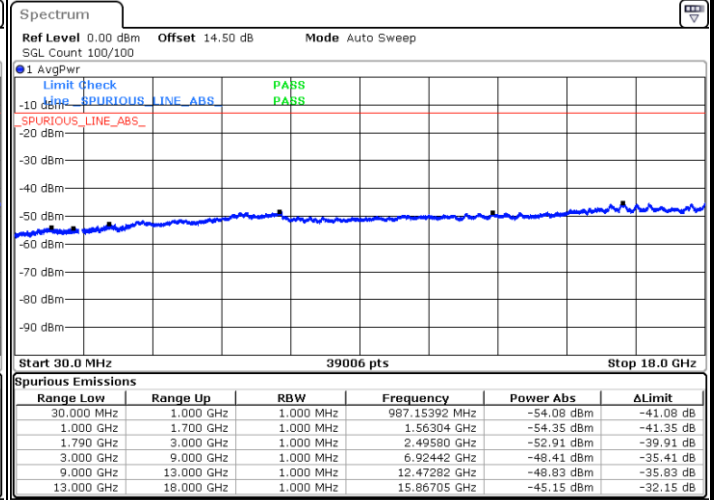
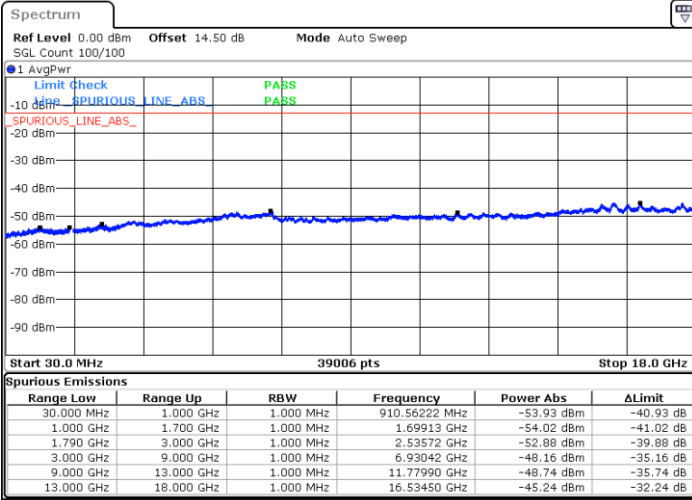
Date: 15.MAR.2024 01:56:35



LTE Band 66 / 5MHz

Lowest Channel / QPSK

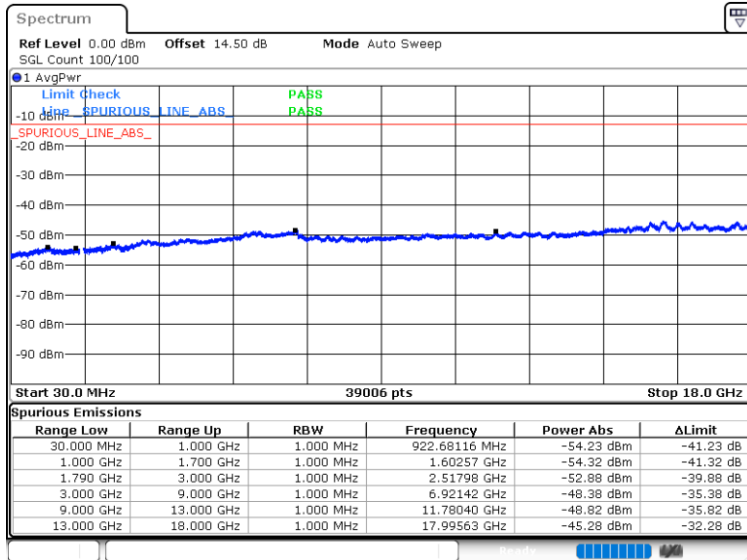
Middle Channel / QPSK



Date: 15.MAR.2024 02:01:00

Date: 15.MAR.2024 02:04:41

Highest Channel / QPSK



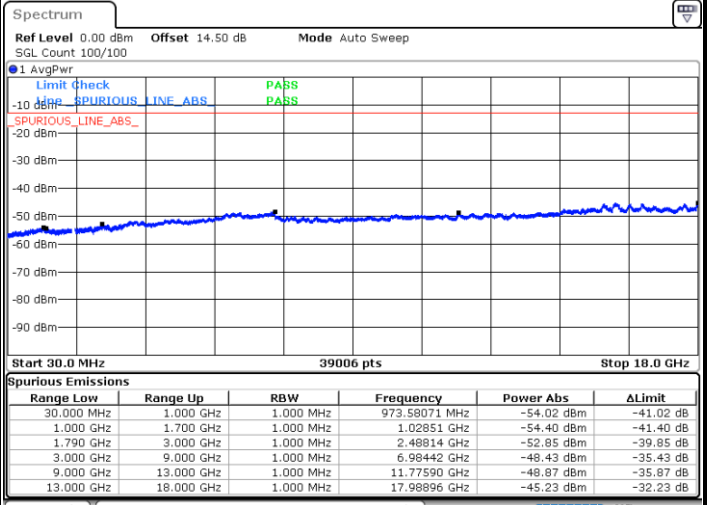
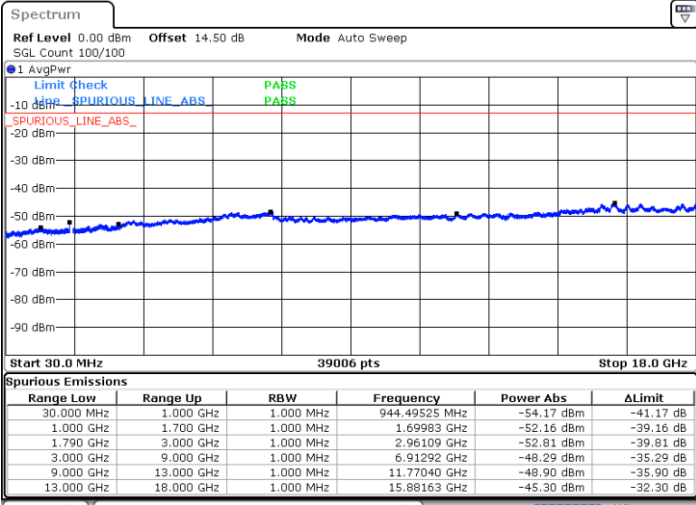
Date: 15.MAR.2024 02:12:13



LTE Band 66 / 10MHz

Lowest Channel / QPSK

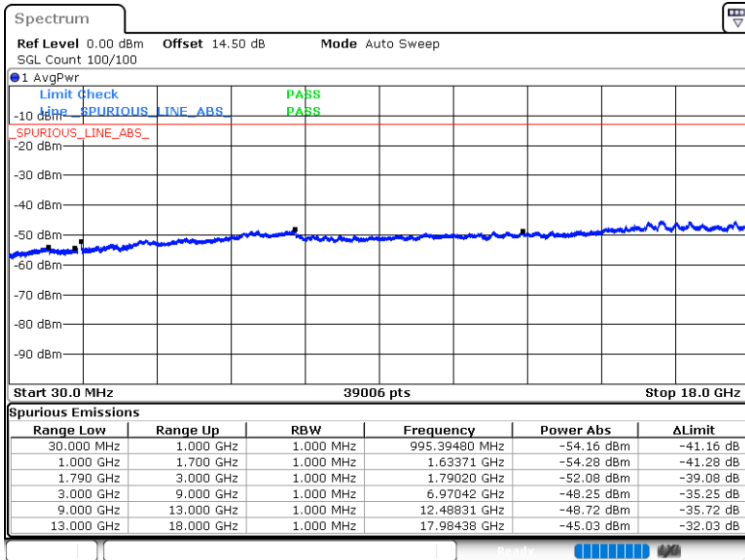
Middle Channel / QPSK



Date: 15.MAR.2024 02:20:13

Date: 15.MAR.2024 02:21:23

Highest Channel / QPSK



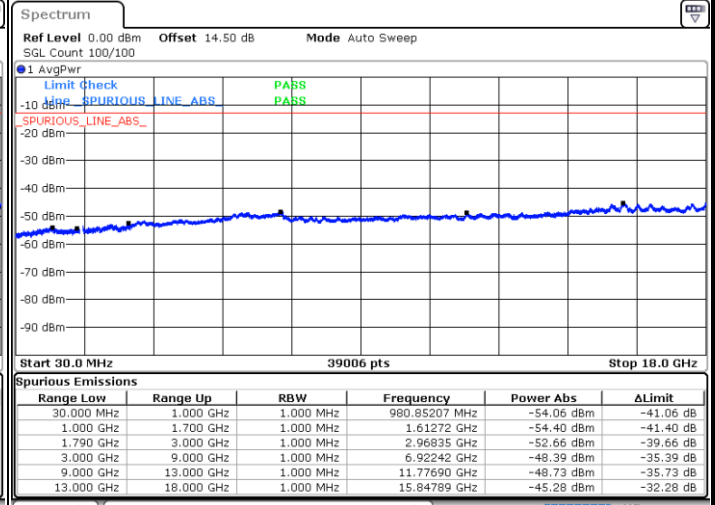
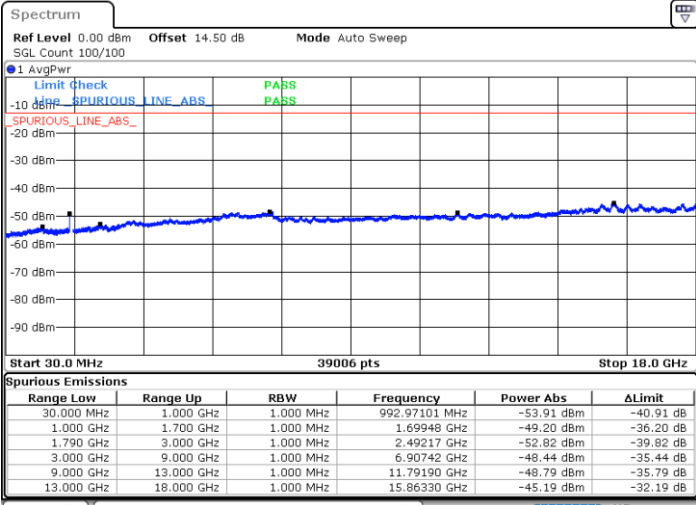
Date: 15.MAR.2024 02:28:56



LTE Band 66 / 15MHz

Lowest Channel / QPSK

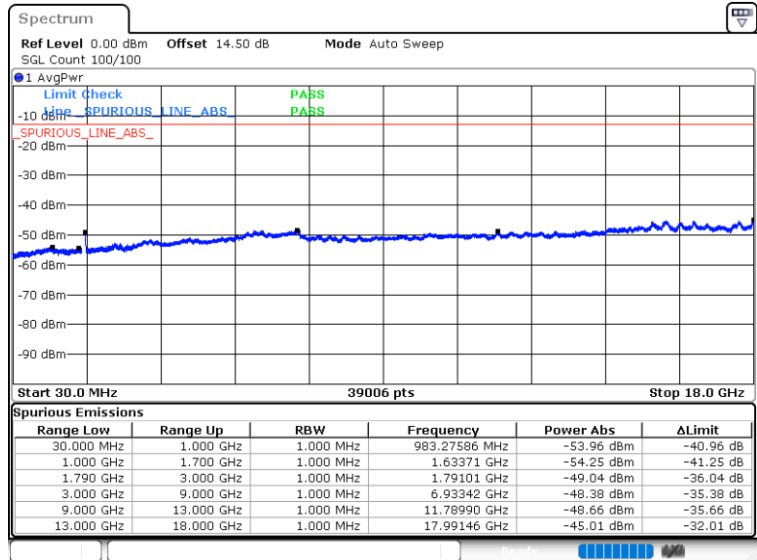
Middle Channel / QPSK



Date: 15.MAR.2024 02:39:51

Date: 15.MAR.2024 02:41:01

Highest Channel / QPSK



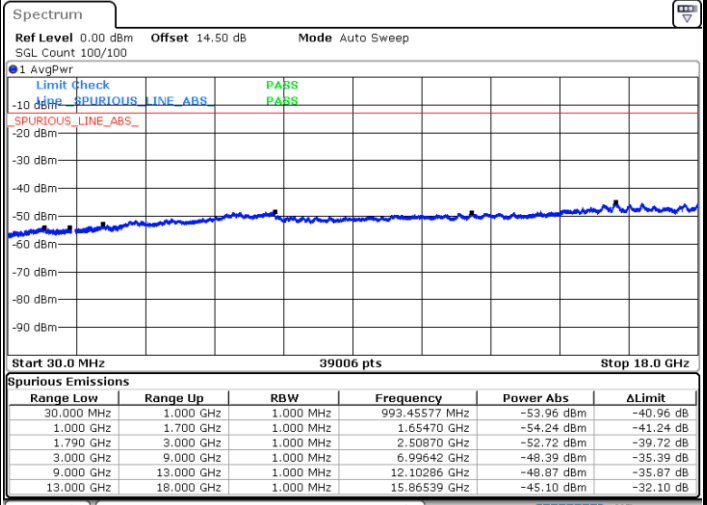
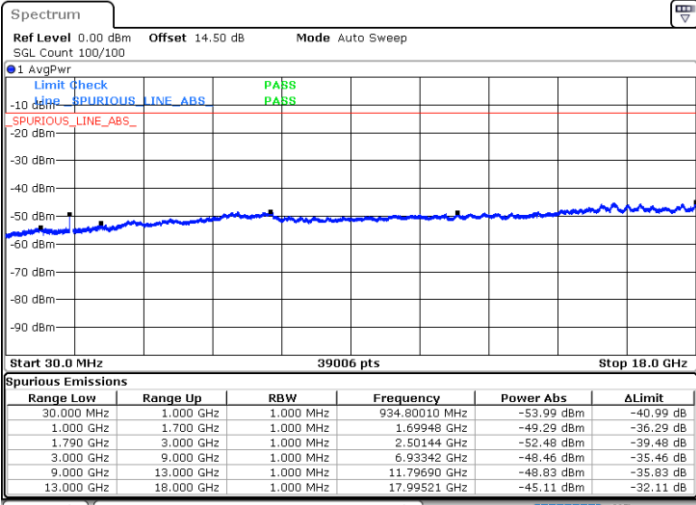
Date: 15.MAR.2024 02:48:34



LTE Band 66 / 20MHz

Lowest Channel / QPSK

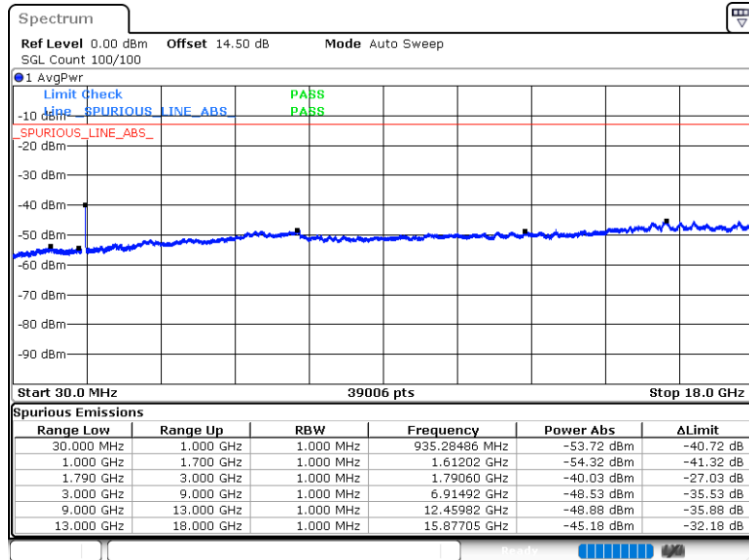
Middle Channel / QPSK



Date: 15.MAR.2024 02:56:37

Date: 15.MAR.2024 02:57:47

Highest Channel / QPSK



Date: 15.MAR.2024 03:06:42



Frequency Stability

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

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	HuaCong Liang	Temperature :	22~25°C
		Relative Humidity :	48~52%

LTE Band 25 / 20MHz / QPSK (Ant2)									
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	3747	-58.10	-13	-45.10	-80.59	-64.85	5.85	12.60	H
	5620.5	-56.97	-13	-43.97	-81.47	-62.77	7.30	13.10	H
	7494	-53.60	-13	-40.60	-80.60	-56.75	8.35	11.50	H
	3747	-55.41	-13	-42.41	-81.06	-62.16	5.85	12.60	V
	5620.5	-56.45	-13	-43.45	-81.45	-62.25	7.30	13.10	V
	7494	-51.89	-13	-38.89	-78.88	-55.04	8.35	11.50	V

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

LTE Band 26 / 15MHz / QPSK (Ant0)									
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	1659.5	-64.83	-13	-51.83	-77.03	-68.08	4.00	9.40	H
	2489.25	-60.43	-13	-47.43	-79.81	-64.00	4.88	10.60	H
	3319	-59.55	-13	-46.55	-80.70	-64.48	5.52	12.60	H
	1659.5	-61.26	-13	-48.26	-74.13	-64.51	4.00	9.40	V
	2489.25	-60.01	-13	-47.01	-79.65	-63.58	4.88	10.60	V
	3319	-58.62	-13	-45.62	-80.47	-63.55	5.52	12.60	V

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

LTE Band 66 / 20MHz / QPSK (Ant2)									
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	3472	-58.31	-13	-45.31	-80.56	-65.16	5.65	12.50	H
	5208	-56.75	-13	-43.75	-81.66	-62.42	7.13	12.80	H
	6944	-54.84	-13	-41.84	-81.17	-58.24	8.40	11.80	H
	3472	-57.90	-13	-44.90	-79.95	-64.75	5.65	12.50	V
	5208	-56.41	-13	-43.41	-81.49	-62.08	7.13	12.80	V
	6944	-54.06	-13	-41.06	-81.12	-57.46	8.40	11.80	V

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