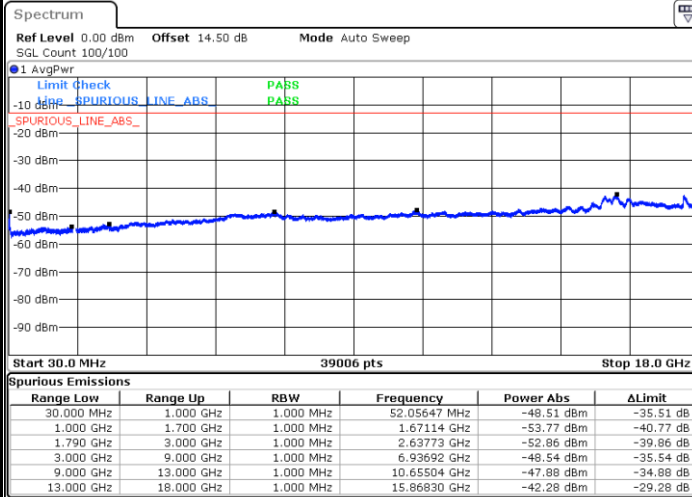




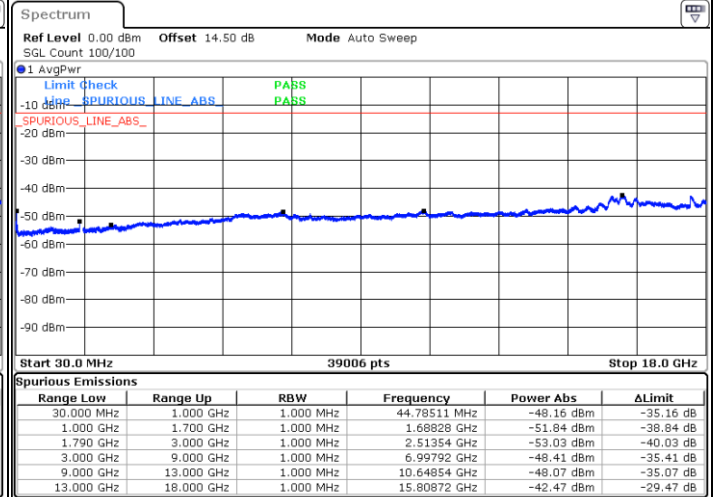
LTE Band 66 / 10MHz

Lowest Channel / QPSK



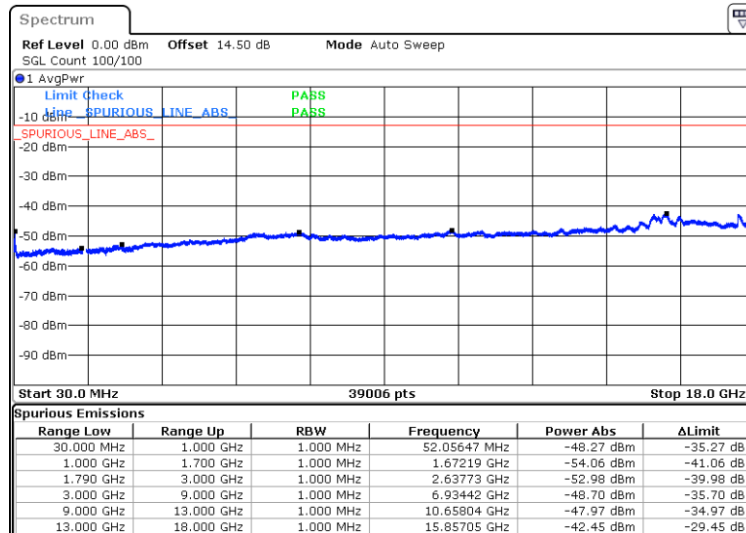
Date: 11.APR.2024 10:50:39

Middle Channel / QPSK



Date: 11.APR.2024 10:51:49

Highest Channel / QPSK

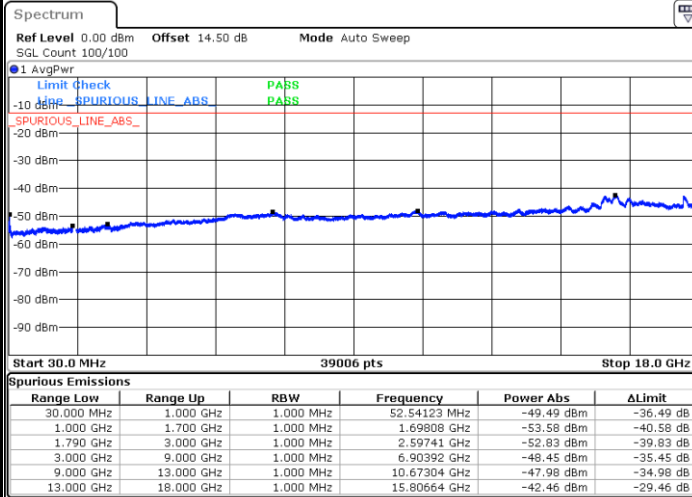


Date: 11.APR.2024 10:59:54



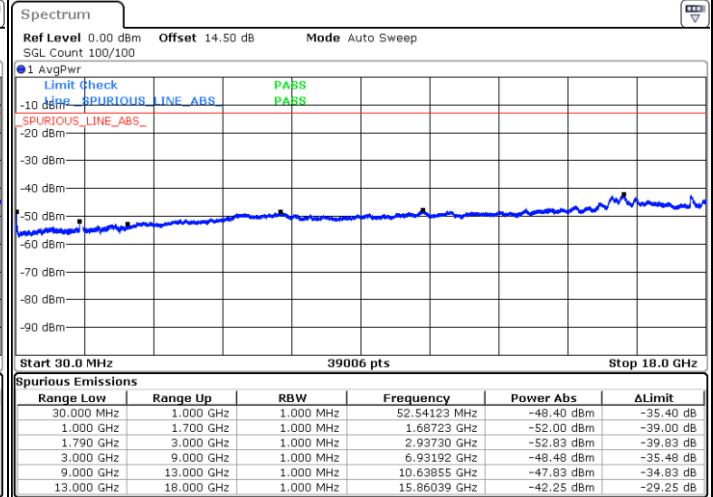
LTE Band 66 / 15MHz

Lowest Channel / QPSK



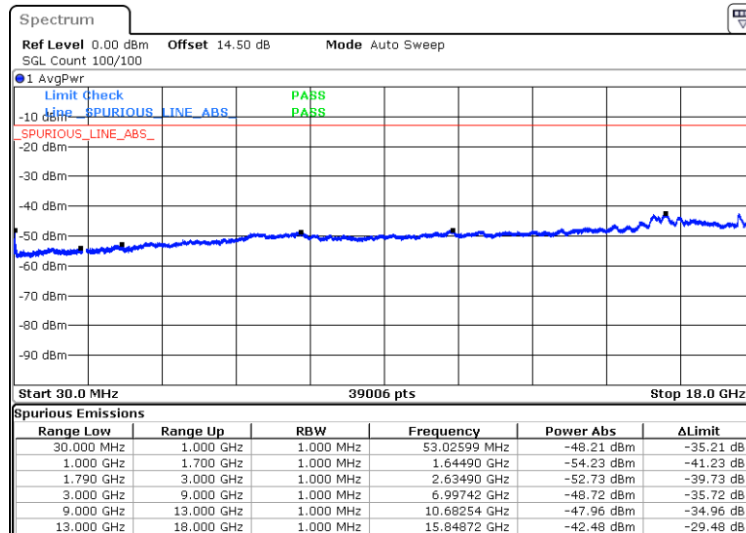
Date: 11.APR.2024 11:07:22

Middle Channel / QPSK



Date: 11.APR.2024 11:08:31

Highest Channel / QPSK

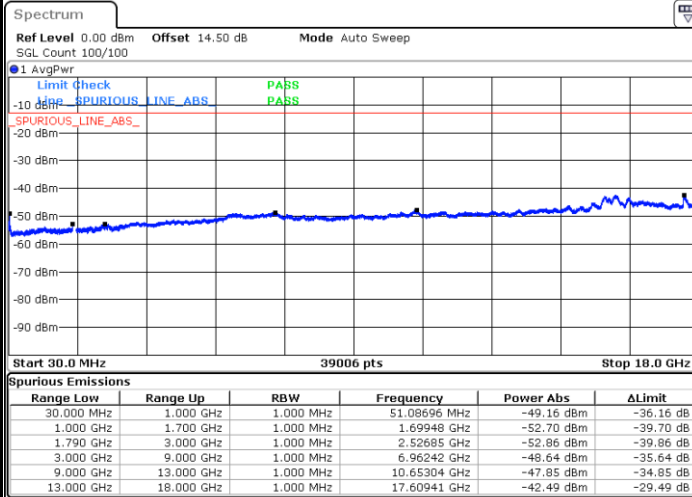


Date: 11.APR.2024 11:16:36



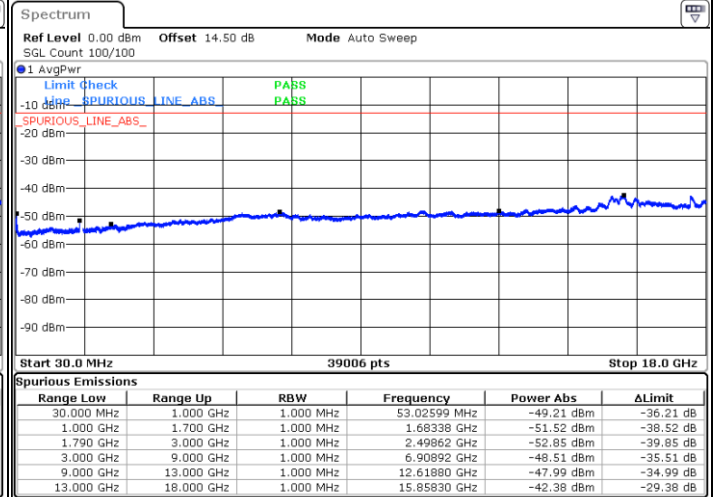
LTE Band 66 / 20MHz

Lowest Channel / QPSK



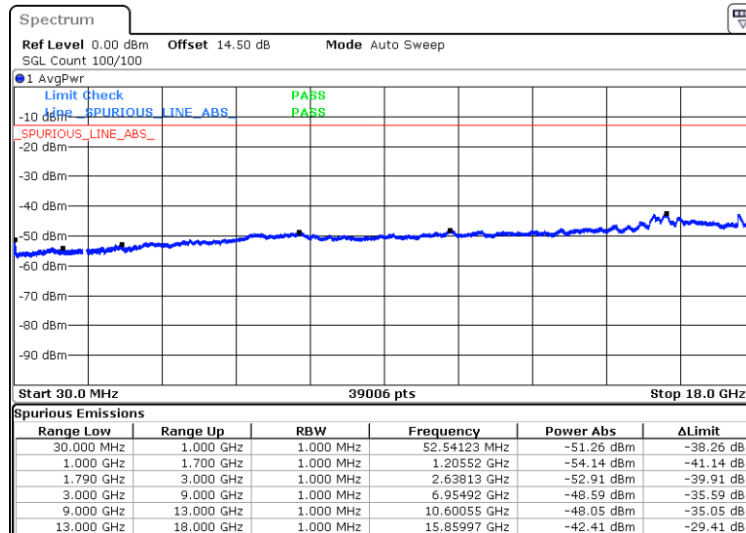
Date: 11.APR.2024 11:24:04

Middle Channel / QPSK



Date: 11.APR.2024 11:25:14

Highest Channel / QPSK



Date: 11.APR.2024 11:34:41



A4.6 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	0.0009	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0010	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0006	

Note:

1. Normal Voltage = 12 V. ; Minimum Voltage = 10.8 V. ; Maximum Voltage = 13.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Bruce	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 25 / 20MHz / QPSK / ANT0								
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	3750	-57.42	-13	-44.42	-69.68	2.64	14.90	H
	5625	-55.41	-13	-42.41	-67.27	2.94	14.80	H
	7500	-53.65	-13	-40.65	-63.42	3.39	13.16	H
	3750	-57.14	-13	-44.14	-69.40	2.64	14.90	V
	5625	-56.60	-13	-43.60	-68.46	2.94	14.80	V
	7500	-54.00	-13	-41.00	-63.77	3.39	13.16	V

LTE Band 26 / 15MHz / QPSK / ANT0								
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	1656	-65.72	-13	-52.72	-72.69	1.58	10.70	H
	2488	-58.68	-13	-45.68	-66.93	2.102	12.50	H
	3320	-60.95	-13	-47.95	-69.84	2.856	13.90	H
	1656	-63.37	-13	-50.37	-70.34	1.58	10.70	V
	2488	-54.96	-13	-41.96	-63.21	2.10	12.50	V
	3320	-60.35	-13	-47.35	-69.24	2.86	13.90	V

LTE Band 66 / 20MHz / QPSK / ANT0								
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	3735	-57.48	-13	-44.48	-68.22	2.604	13.34	H
	5205	-55.66	-13	-42.66	-66.17	3.011	13.52	H
	6945	-55.85	-13	-42.85	-66.05	3.271	13.47	H
	3735	-57.01	-13	-44.01	-67.75	2.604	13.34	V
	5205	-55.26	-13	-42.26	-65.77	3.011	13.52	V
	6945	-55.60	-13	-42.60	-65.80	3.271	13.47	V

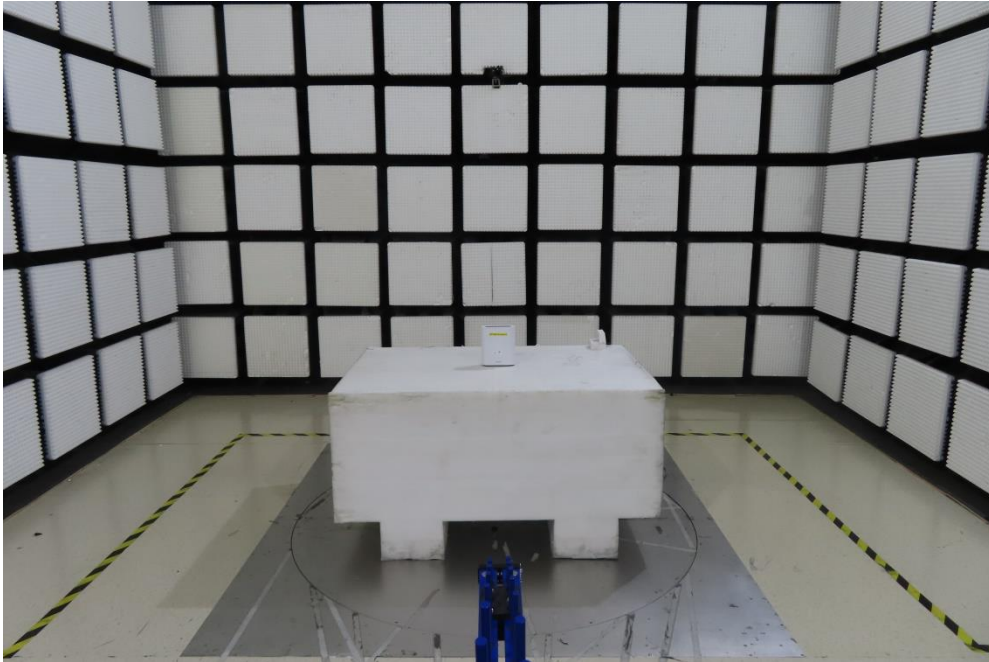
Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

Appendix C. Setup Photographs

<Radiated Emission>

Y Plane

LF



HF

