

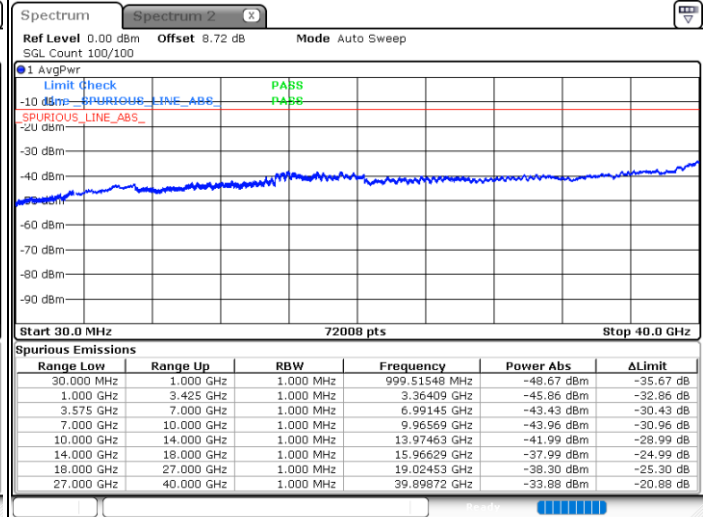
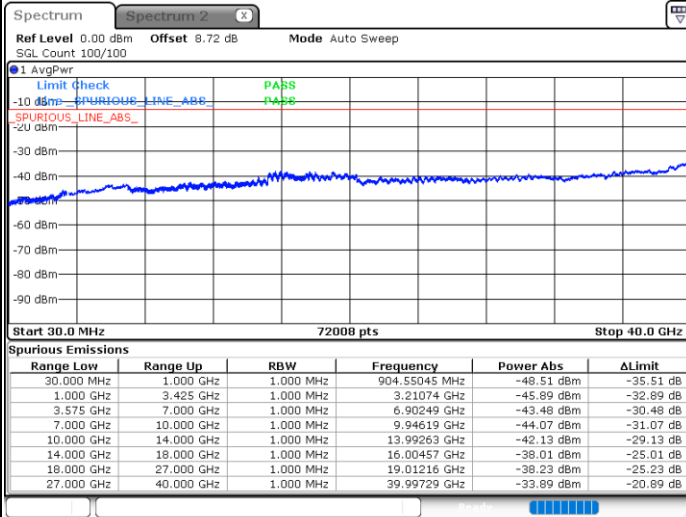


LTE Band 42/ 10MHz

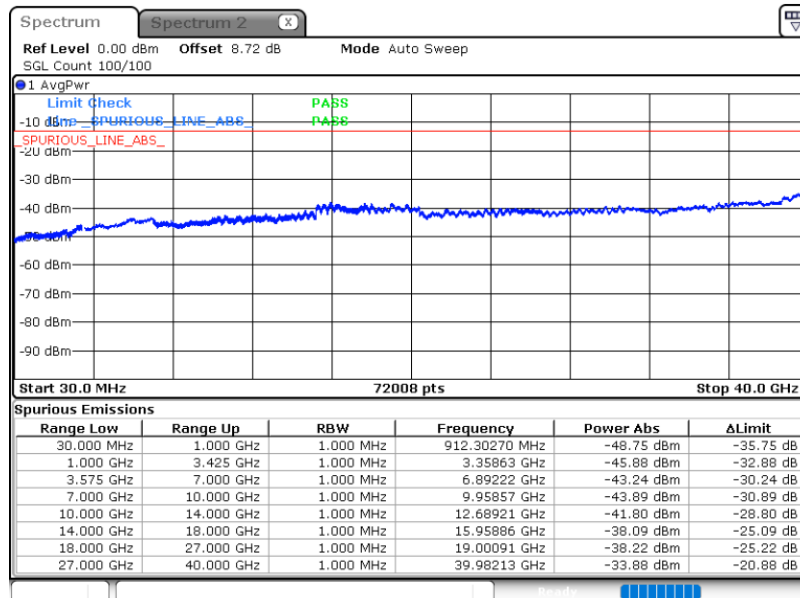
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



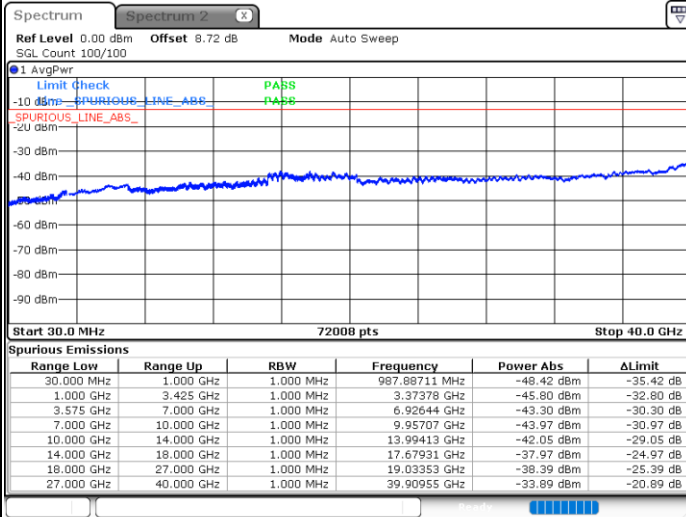


LTE Band 42/ 15MHz

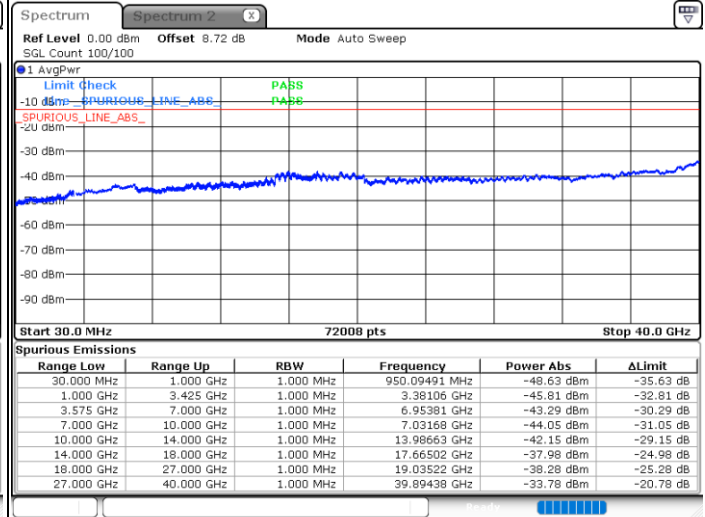
QPSK / 1RB0

Lowest Channel

Middle Channel

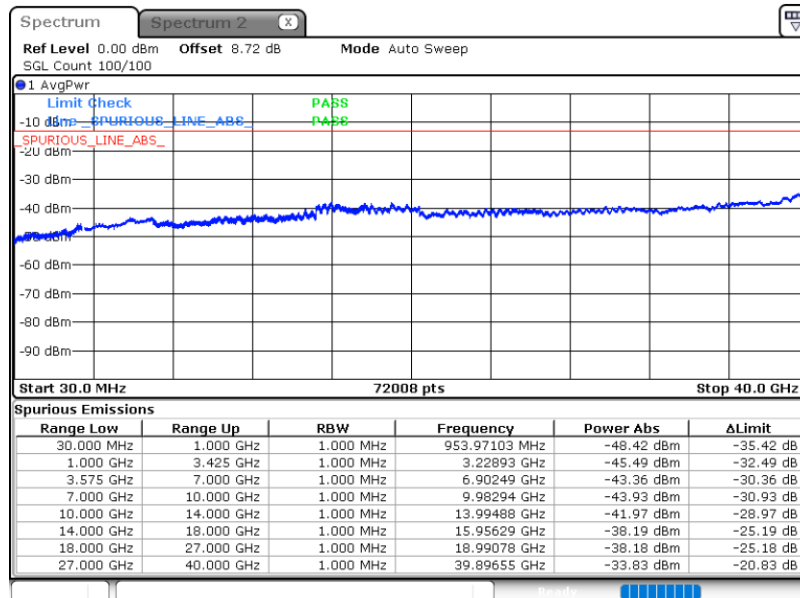


Date: 6.MAY.2025 13:00:47



Date: 6.MAY.2025 13:02:08

Highest Channel



Date: 6.MAY.2025 13:03:29

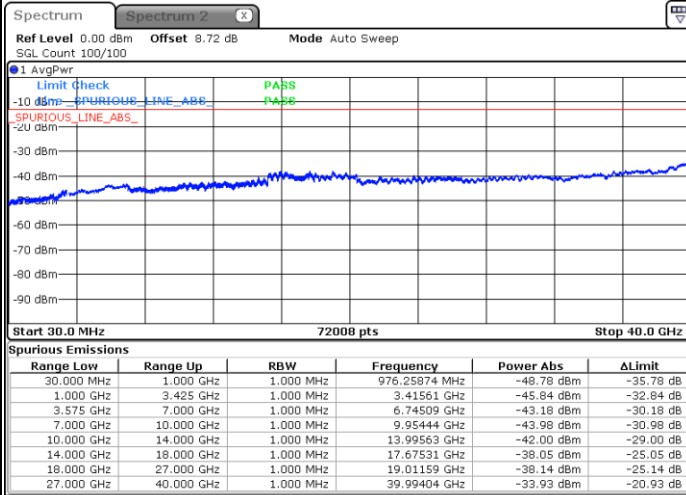


LTE Band 42/ 20MHz

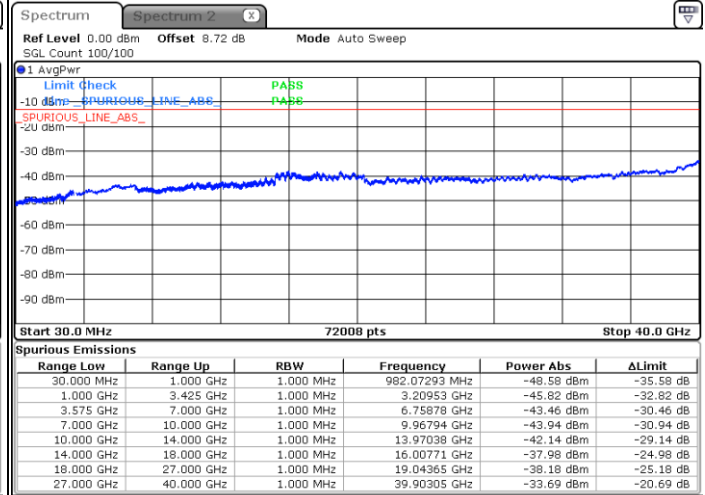
QPSK / 1RB0

Lowest Channel

Middle Channel

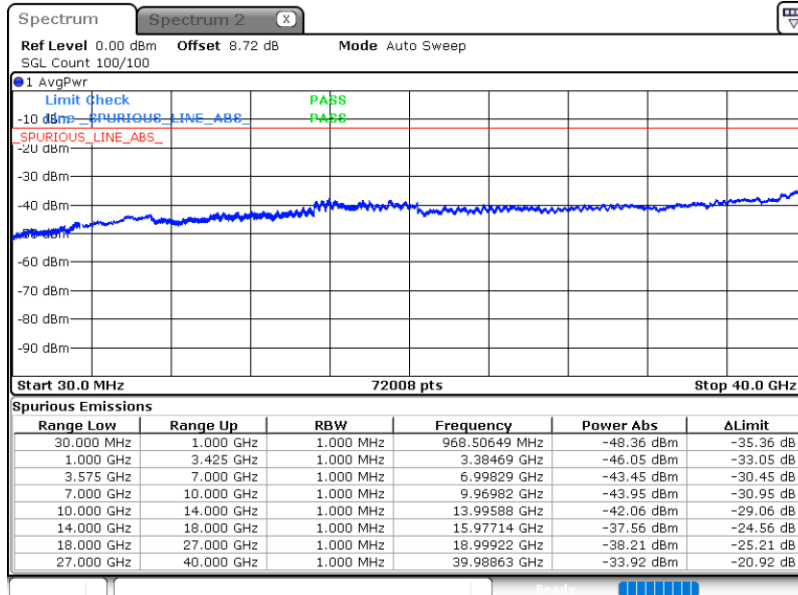


Date: 6.MAY.2025 13:22:09



Date: 6.MAY.2025 13:23:30

Highest Channel



Date: 6.MAY.2025 13:24:51

Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 5MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0068	PASS
40	Normal Voltage	0.0038	
30	Normal Voltage	0.0042	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0085	
0	Normal Voltage	0.0049	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0068	

Note:

1. Normal Voltage =3.91 V ; Battery End Point (BEP) =3.5 V ; Maximum Voltage =4.5 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 :	Jake	Temperature :	22~25°C
		Relative Humidity :	50~53%

Note: Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 42 / 20MHz / QPSK / Ant. 2								
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	6984	-51.82	-13	-38.82	-62.03	3.03	13.24	H
	10476	-58.25	-13	-45.25	-67.70	3.56	13.01	H
	13968	-59.29	-13	-46.29	-68.81	3.92	13.44	H
	6984	-53.24	-13	-40.24	-63.45	3.03	13.24	V
	10476	-59.60	-13	-46.60	-69.05	3.56	13.01	V
	13968	-56.45	-13	-43.45	-65.97	3.92	13.44	V

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