

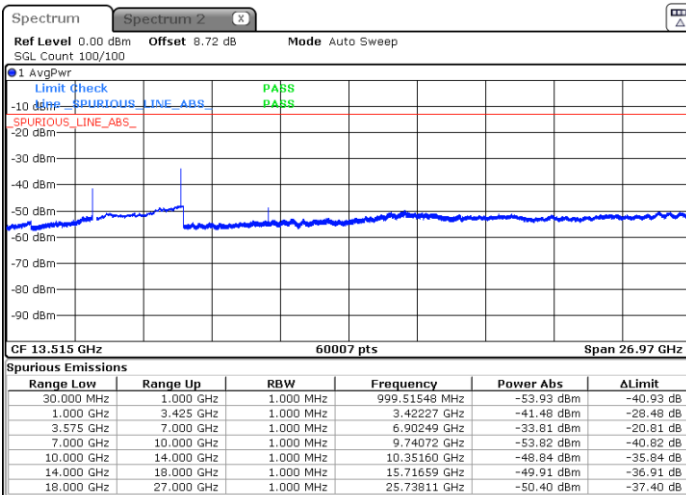


LTE Band 42/ 10MHz

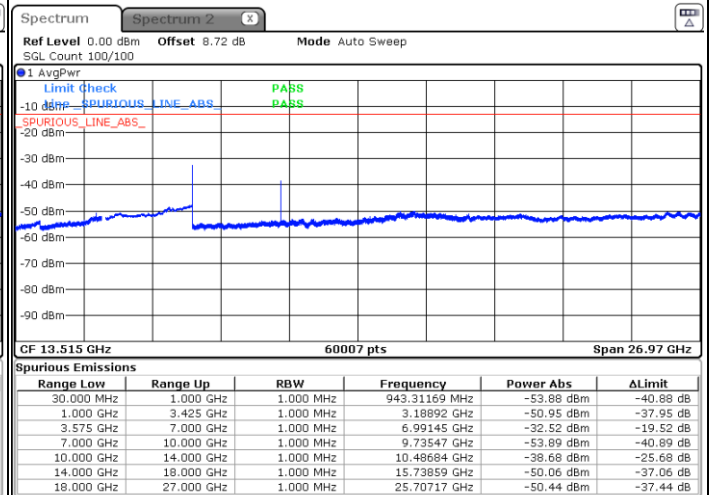
QPSK / 1RB0

Lowest Channel

Middle Channel

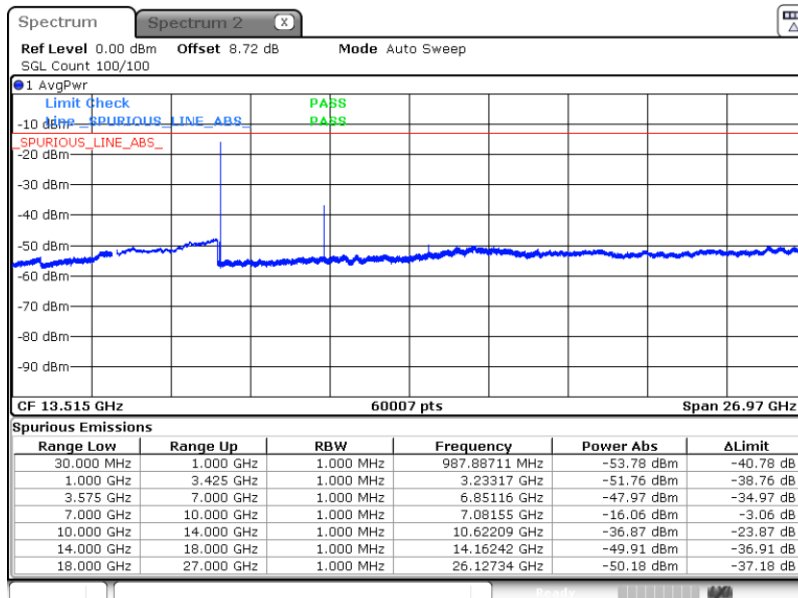


Date: 5.SEP.2025 21:26:20



Date: 5.SEP.2025 21:27:41

Highest Channel



Date: 5.SEP.2025 21:29:03

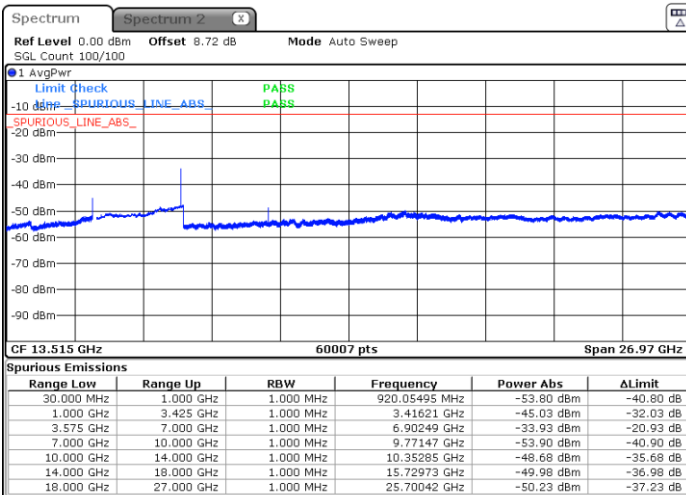


LTE Band 42/ 15MHz

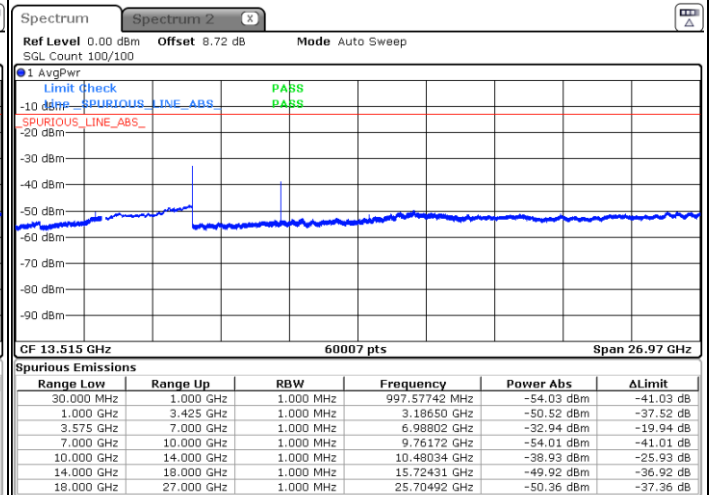
QPSK / 1RB0

Lowest Channel

Middle Channel

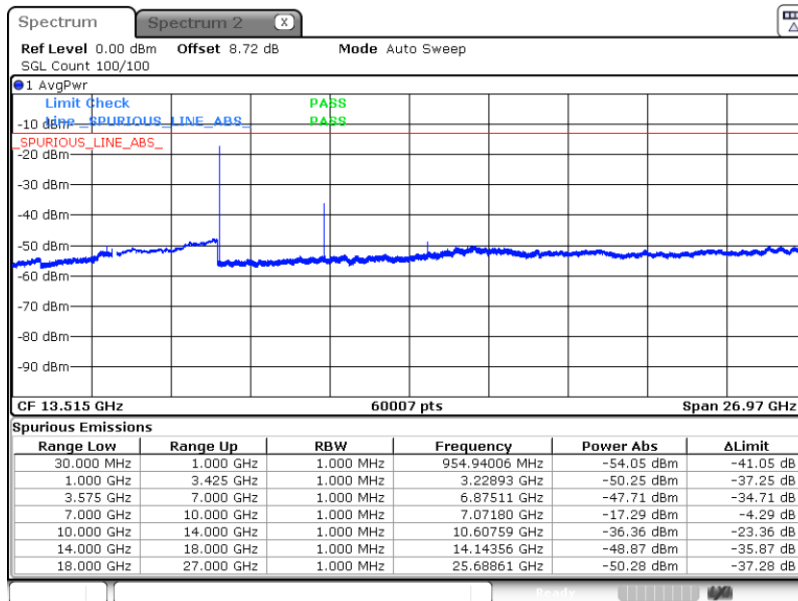


Date: 5.SEP.2025 21:41:31



Date: 5.SEP.2025 21:42:52

Highest Channel



Date: 5.SEP.2025 21:44:13

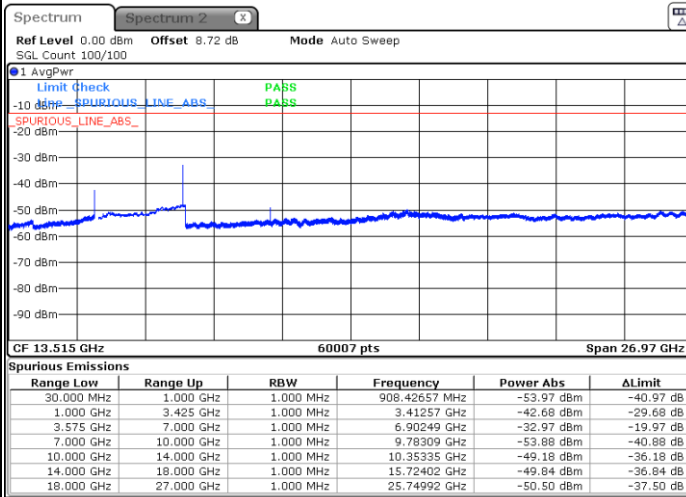


LTE Band 42/ 20MHz

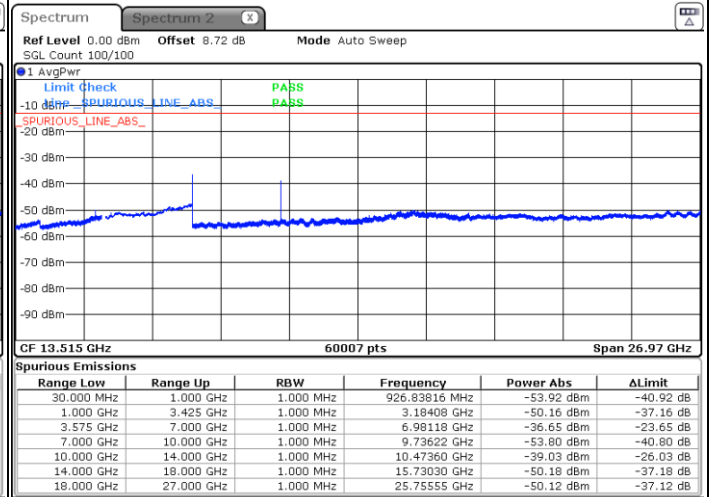
QPSK / 1RB0

Lowest Channel

Middle Channel

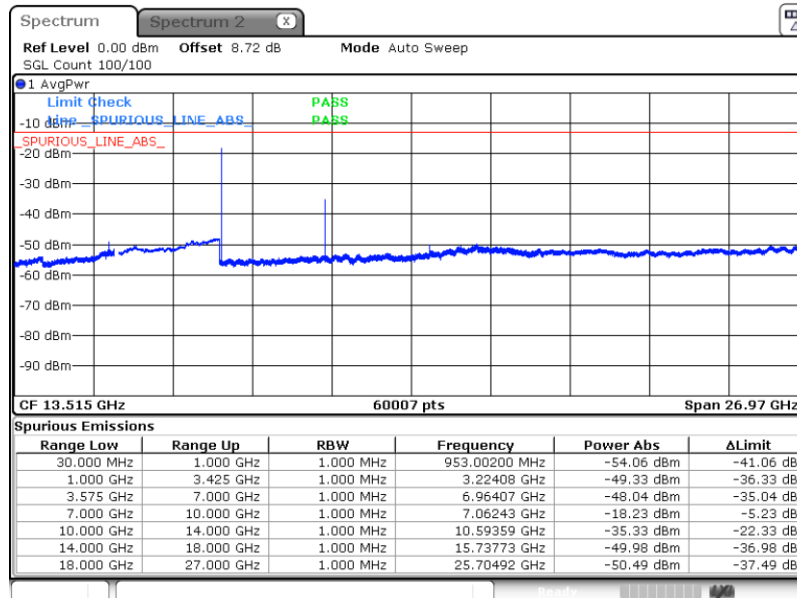


Date: 5.SEP.2025 21:56:41



Date: 5.SEP.2025 21:58:02

Highest Channel



Date: 5.SEP.2025 21:59:23

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	0.0029	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0074	
0	Normal Voltage	0.0052	
-10	Normal Voltage	0.0063	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0098	
20	Maximum Voltage	0.0024	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0091	

Note:

1. Normal Voltage =3.83; Battery End Point (BEP) =3.6; Maximum Voltage =4.3
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Jia Kuang	Temperature :	22~25℃
		Relative Humidity :	48~52%

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. 8								
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	6982.00	-57.20	-13	-44.20	-60.50	8.30	11.60	H
	10473.00	-54.08	-13	-41.08	-55.60	10.48	12.00	H
	13964.00	-52.05	-13	-39.05	-53.75	11.80	13.50	H
	6982.00	-56.94	-13	-43.94	-60.24	8.30	11.60	V
	10473.00	-54.66	-13	-41.66	-56.18	10.48	12.00	V
	13964.00	-52.12	-13	-39.12	-53.82	11.80	13.50	V

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