

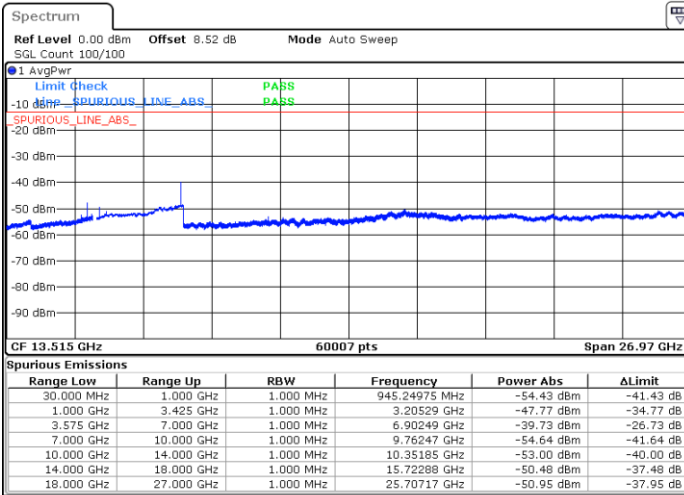


LTE Band 42/ 10MHz

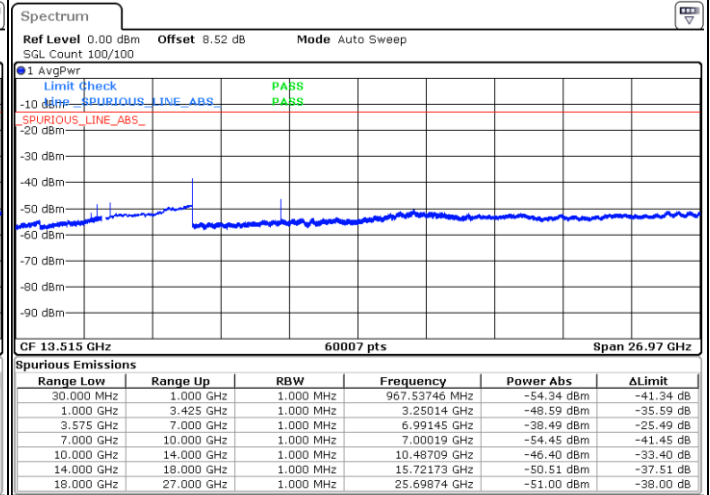
QPSK / 1RB0

Lowest Channel

Middle Channel

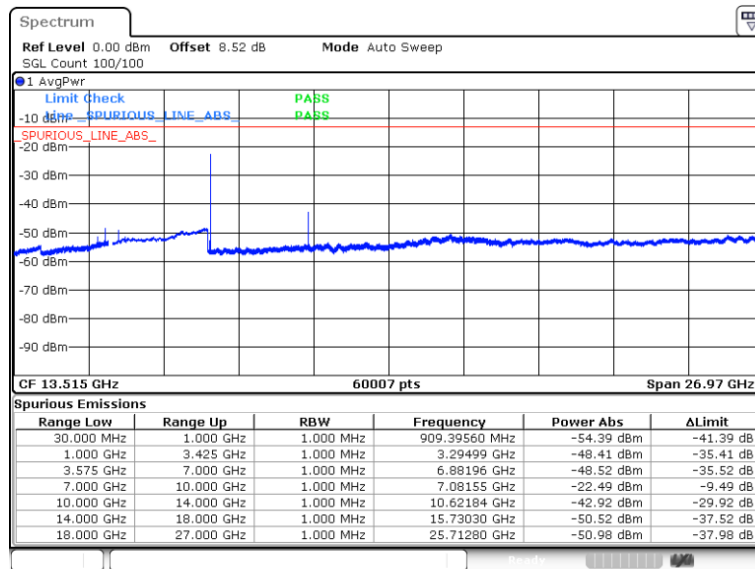


Date: 1.MAY.2024 02:23:14



Date: 1.MAY.2024 02:25:17

Highest Channel



Date: 1.MAY.2024 02:27:19

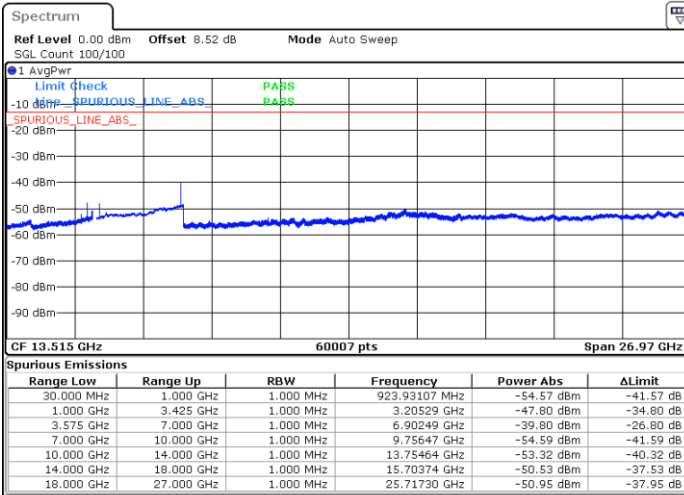


LTE Band 42/ 15MHz

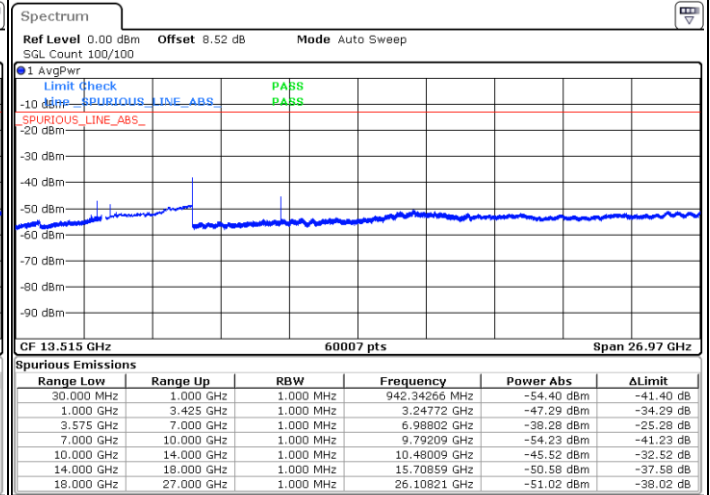
QPSK / 1RB0

Lowest Channel

Middle Channel

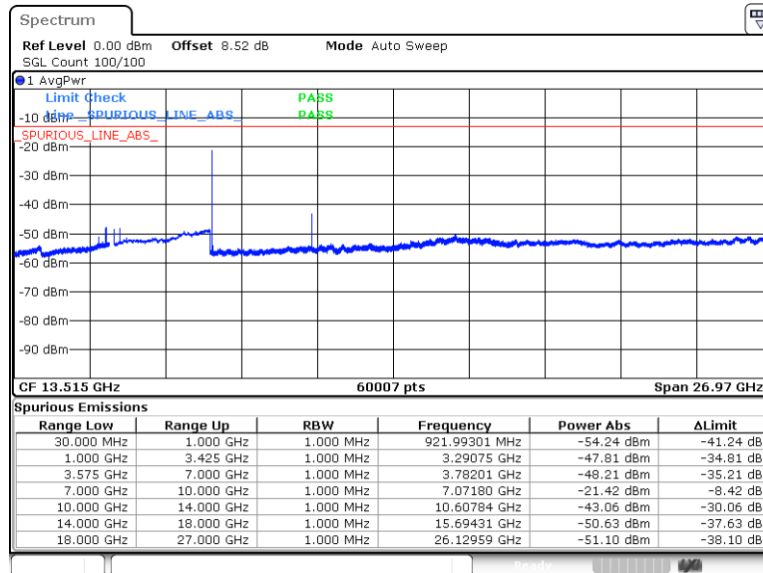


Date: 1.MAY.2024 02:39:31



Date: 1.MAY.2024 02:41:34

Highest Channel



Date: 1.MAY.2024 02:43:36

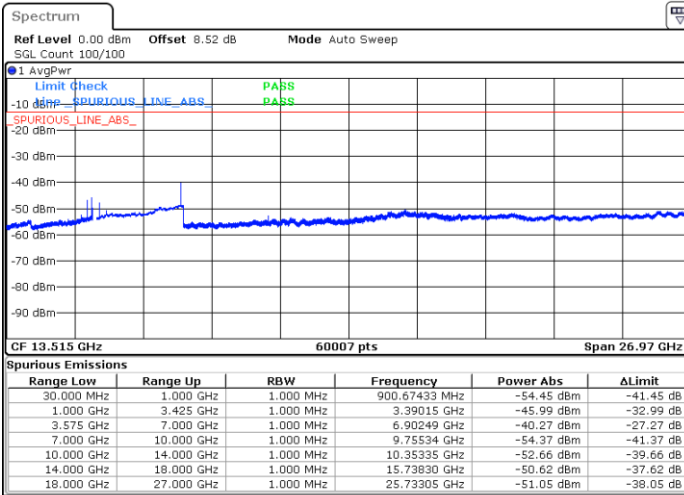


LTE Band 42/ 20MHz

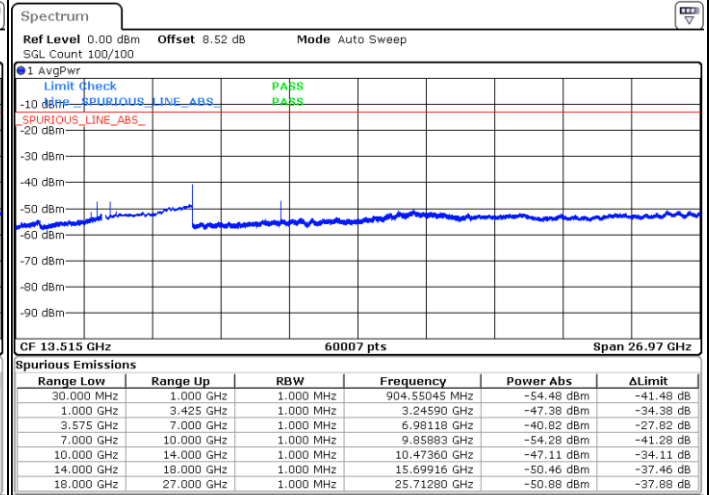
QPSK / 1RB0

Lowest Channel

Middle Channel

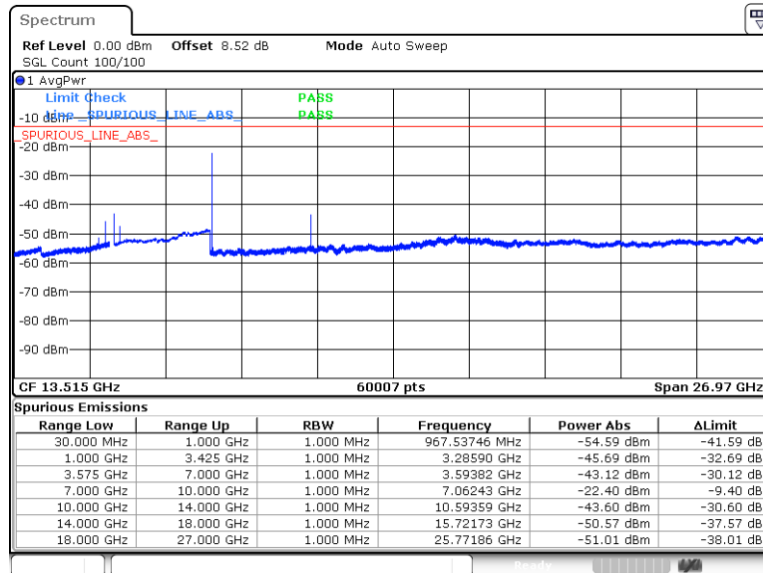


Date: 1.MAY.2024 02:56:40



Date: 1.MAY.2024 02:58:42

Highest Channel



Date: 1.MAY.2024 03:00:44

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	0.0023	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0037	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0051	
20	Maximum Voltage	0.0016	
20	Normal Voltage	0.0008	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage =3.91 ; Battery End Point (BEP) =3.6 ; Maximum Voltage =4.5
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

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

LTE Band 42 / 20MHz / QPSK									
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	6982.00	-60.99	-13	-47.99	-56.60	-64.29	8.30	11.60	H
	10473.00	-54.85	-13	-41.85	-56.04	-56.37	10.48	12.00	H
	13964.00	-51.35	-13	-38.35	-57.54	-53.05	11.80	13.50	H
	6982.00	-60.98	-13	-47.98	-56.75	-64.28	8.30	11.60	V
	10473.00	-54.96	-13	-41.96	-56.07	-56.48	10.48	12.00	V
	13964.00	-51.64	-13	-38.64	-57.46	-53.34	11.80	13.50	V

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