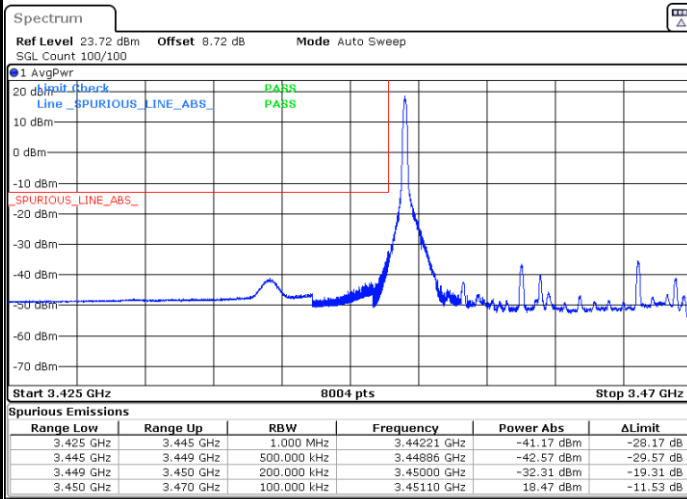




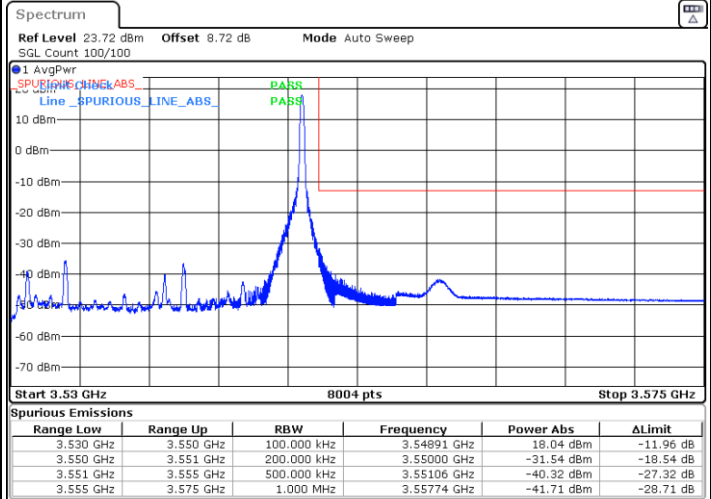
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



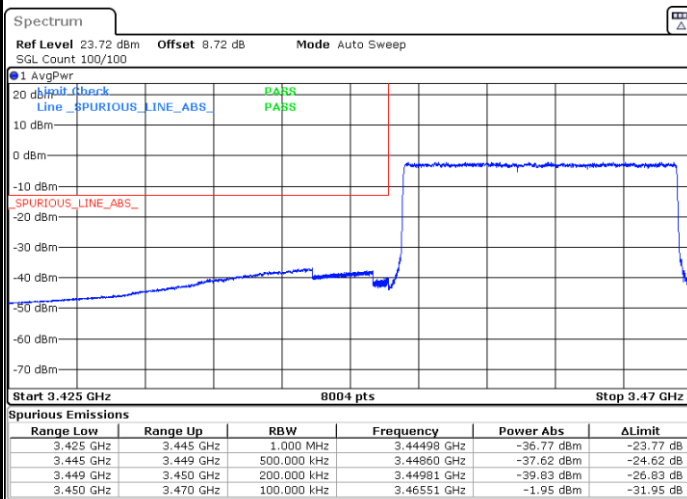
Date: 17.MAY.2023 13:32:11

Highest Band Edge / 1 RB



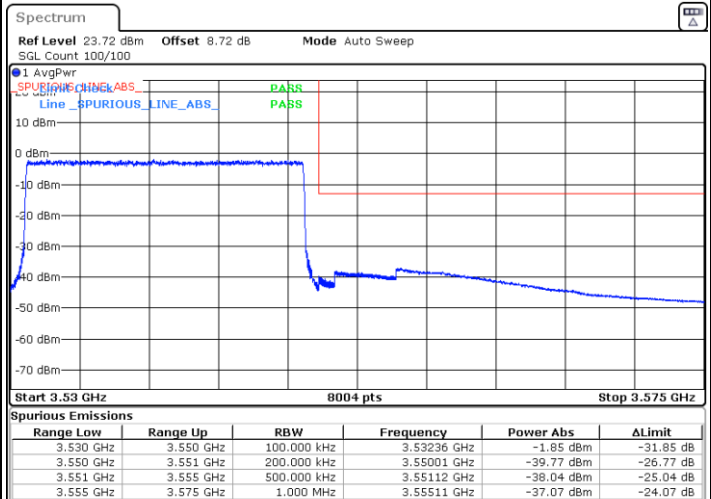
Date: 17.MAY.2023 13:42:32

Lowest Band Edge / Full RB



Date: 17.MAY.2023 13:27:49

Highest Band Edge / Full RB

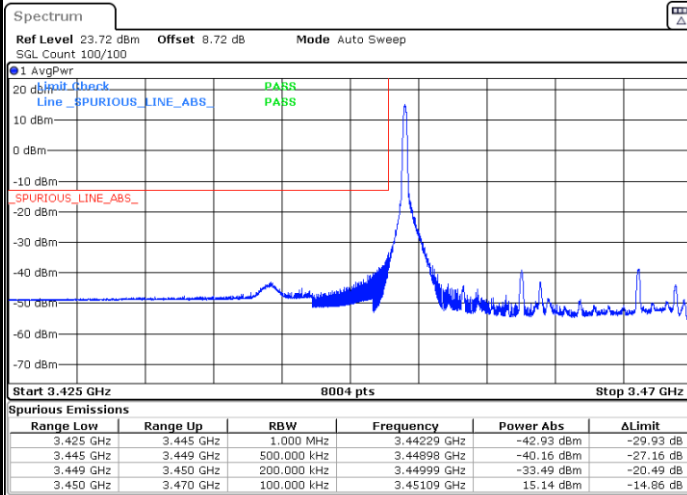


Date: 17.MAY.2023 13:46:54



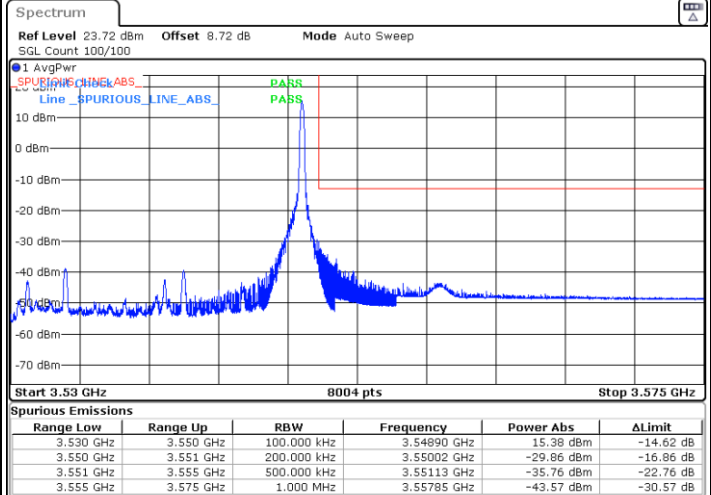
LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



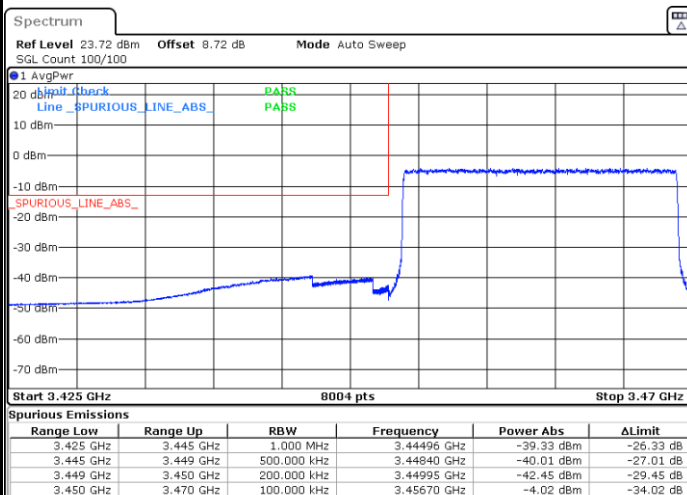
Date: 17.MAY.2023 13:33:17

Highest Band Edge / 1 RB



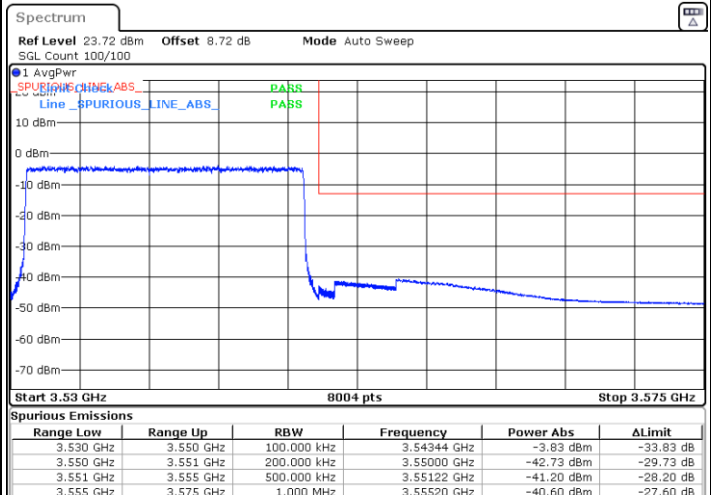
Date: 17.MAY.2023 13:43:38

Lowest Band Edge / Full RB



Date: 17.MAY.2023 13:28:55

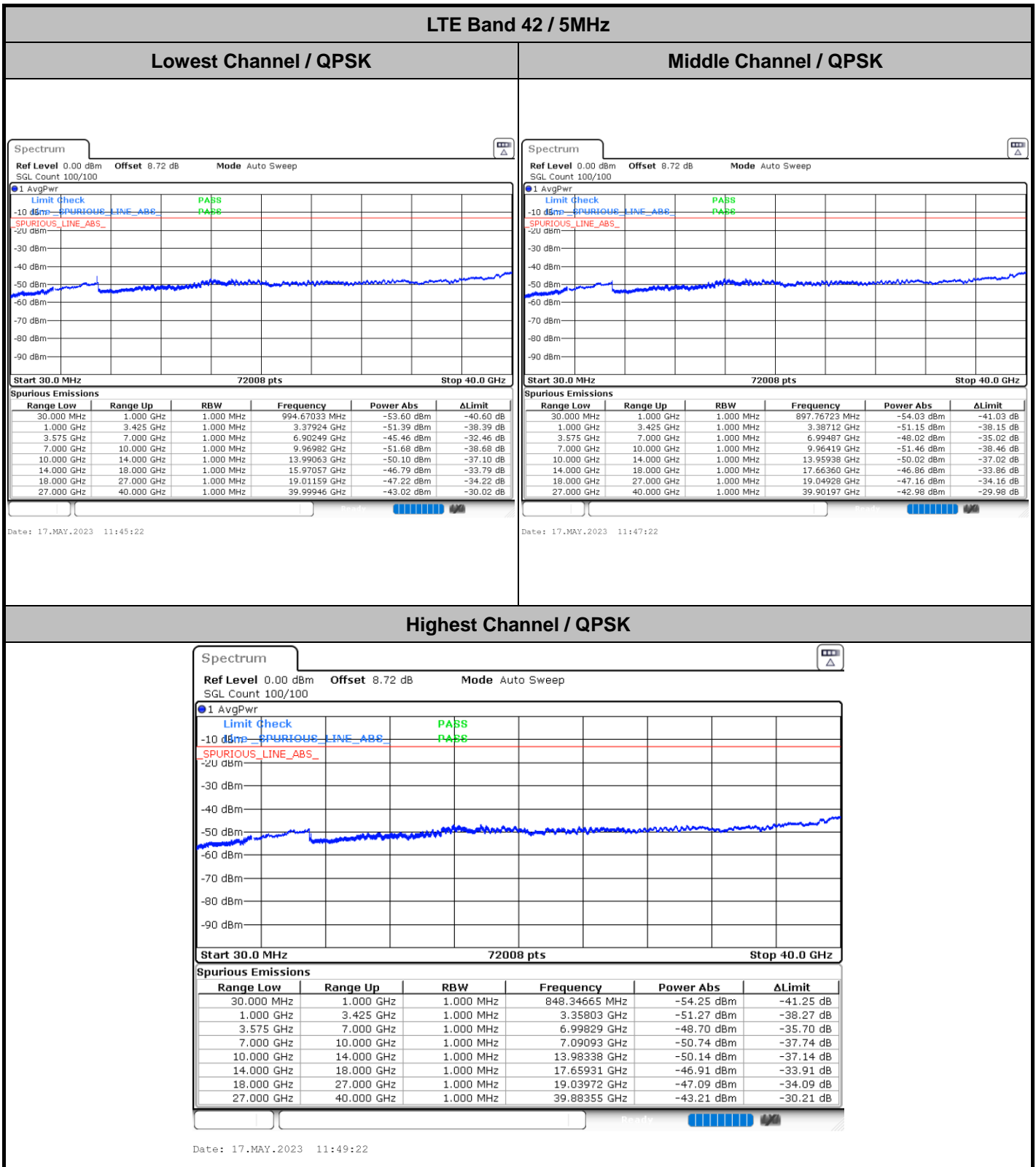
Highest Band Edge / Full RB



Date: 17.MAY.2023 13:47:59



A6. Conducted Spurious Emission

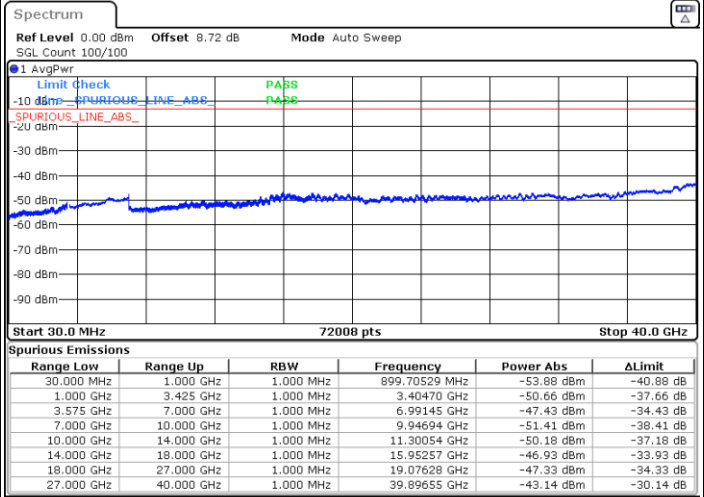
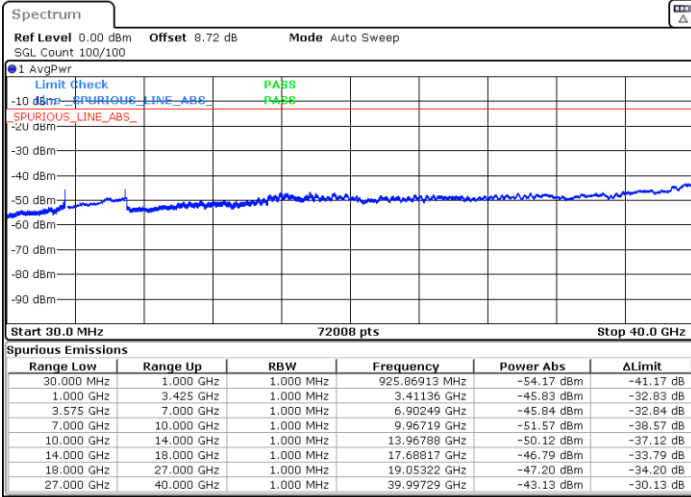




LTE Band 42 / 10MHz

Lowest Channel / QPSK

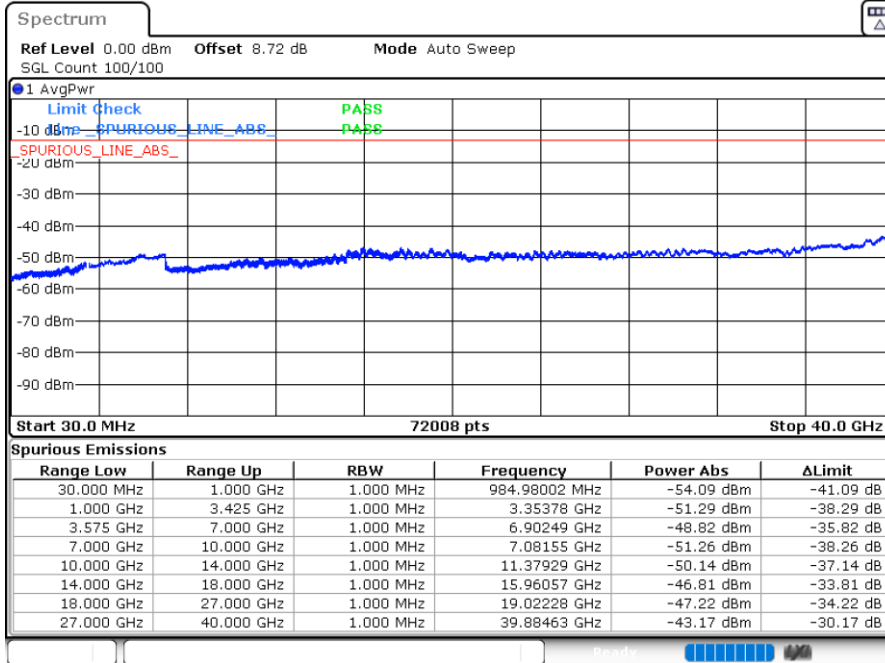
Middle Channel / QPSK



Date: 17.MAY.2023 12:13:57

Date: 17.MAY.2023 12:15:57

Highest Channel / QPSK



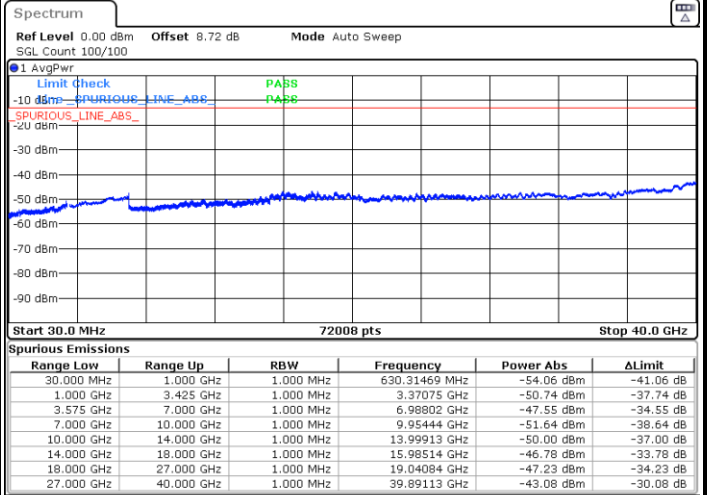
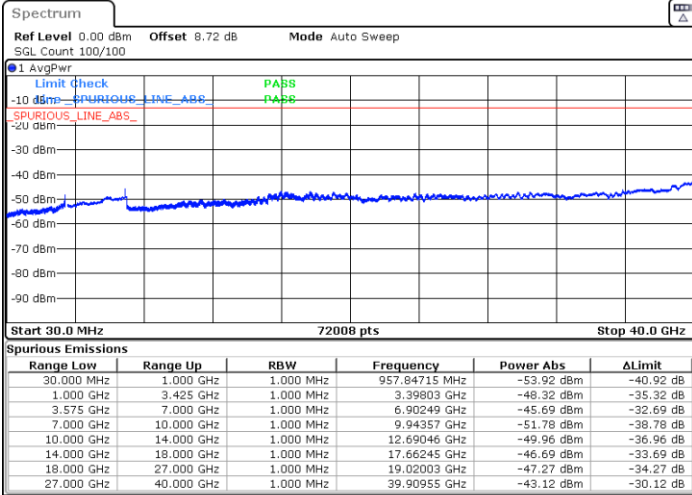
Date: 17.MAY.2023 12:17:57



LTE Band 42 / 15MHz

Lowest Channel / QPSK

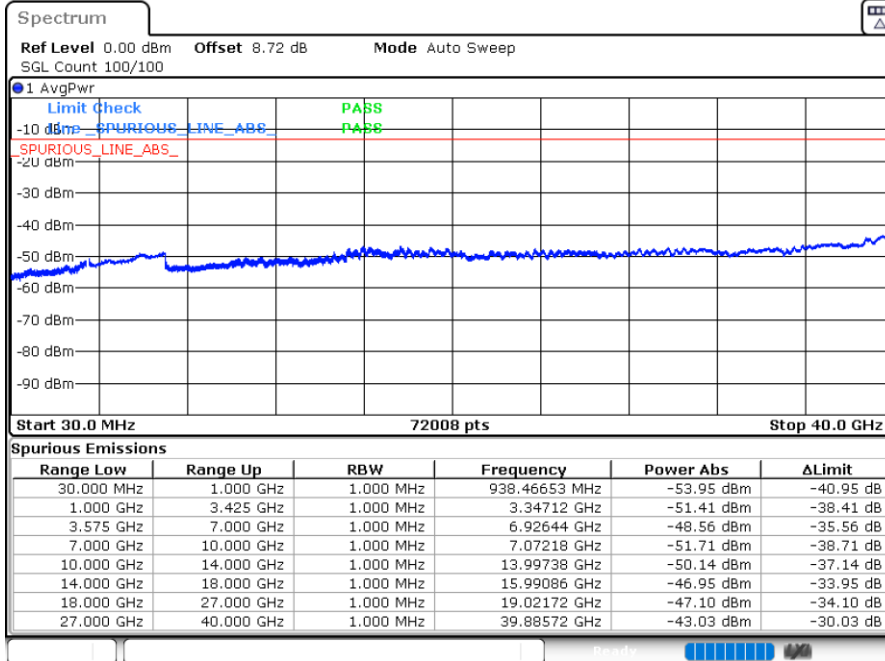
Middle Channel / QPSK



Date: 17.MAY.2023 12:41:12

Date: 17.MAY.2023 12:43:12

Highest Channel / QPSK



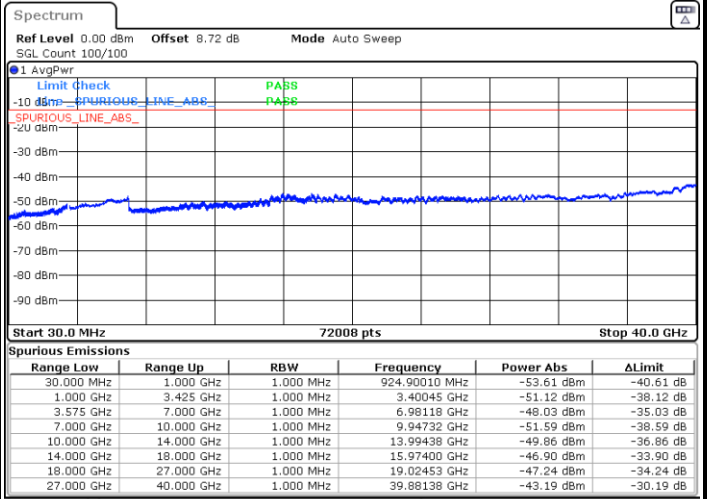
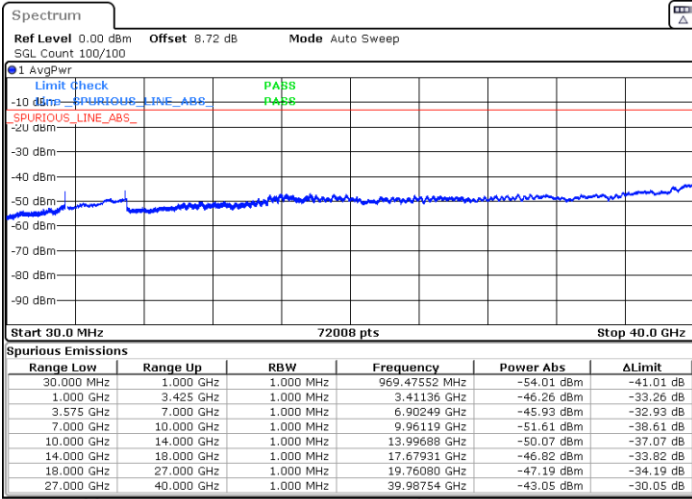
Date: 17.MAY.2023 12:45:12



LTE Band 42 / 20MHz

Lowest Channel / QPSK

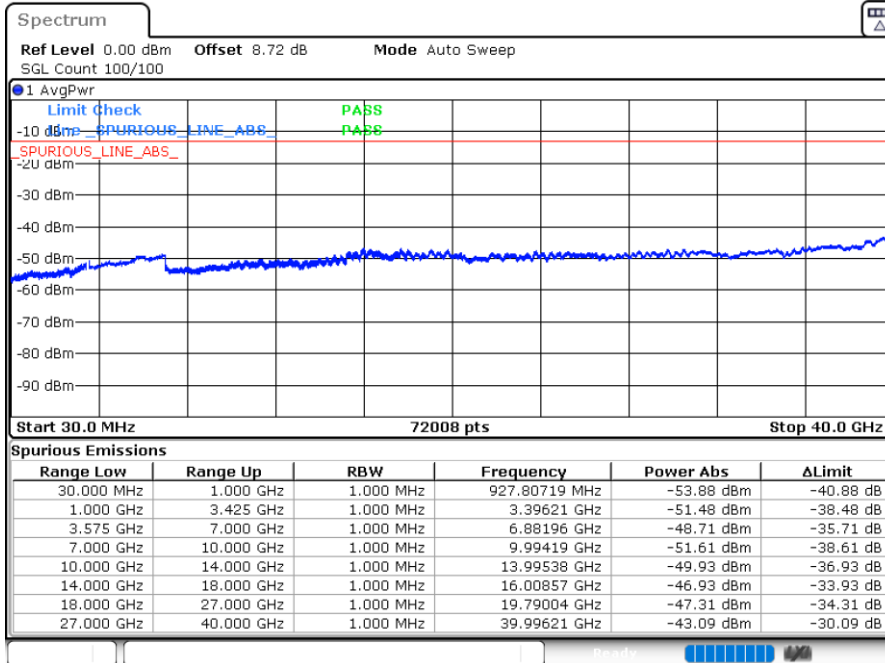
Middle Channel / QPSK



Date: 17.MAY.2023 13:35:16

Date: 17.MAY.2023 13:37:16

Highest Channel / QPSK



Date: 17.MAY.2023 13:39:16

A7. Frequency Stability

Test Conditions		LTE Band 42 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0016	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0022	
-30	Normal Voltage	0.0023	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0006	
20	Minimum Voltage	0.0016	

Note:

1. Normal Voltage = 54 V. ; Minimum Voltage =48 V. ; Maximum Voltage =57 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 :	Carl Ni	Temperature :	23~25°C
		Relative Humidity :	41~42%

LTE Band 42 / 20MHz / QPSK								
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	-47.00	-13	-34.00	-57.21	3.03	13.24	H
	10476	-57.75	-13	-44.75	-67.20	3.56	13.01	H
	13962	-59.17	-13	-46.17	-68.69	3.92	13.44	H
	6984	-58.96	-13	-45.96	-69.17	3.03	13.24	V
	10476	-58.03	-13	-45.03	-67.48	3.56	13.01	V
	13962	-60.25	-13	-47.25	-69.77	3.92	13.44	V

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