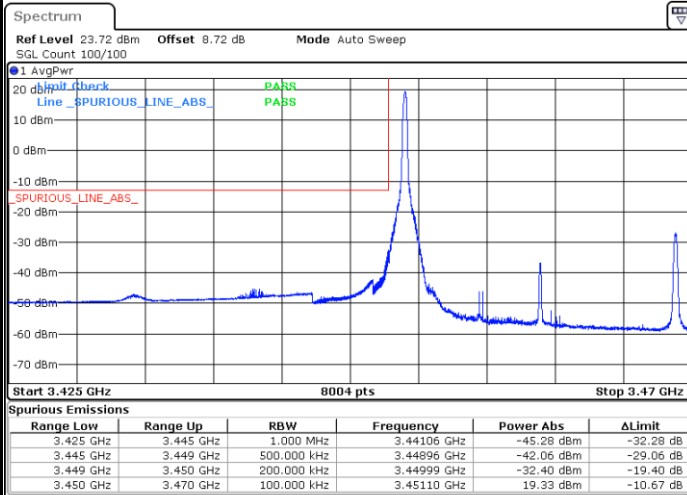




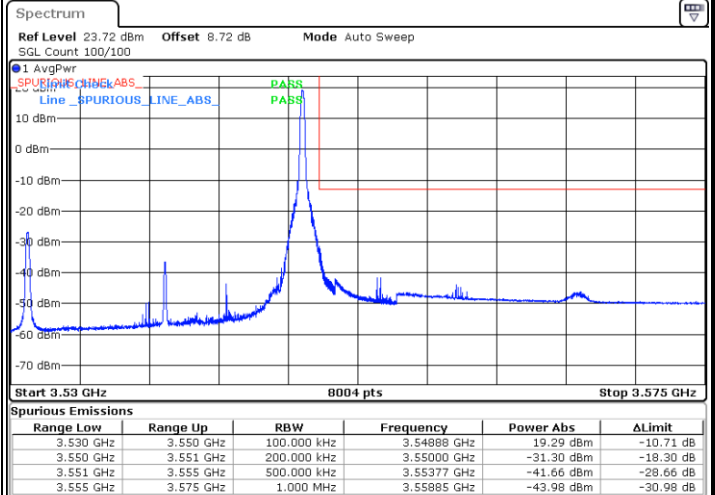
LTE Band 42 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



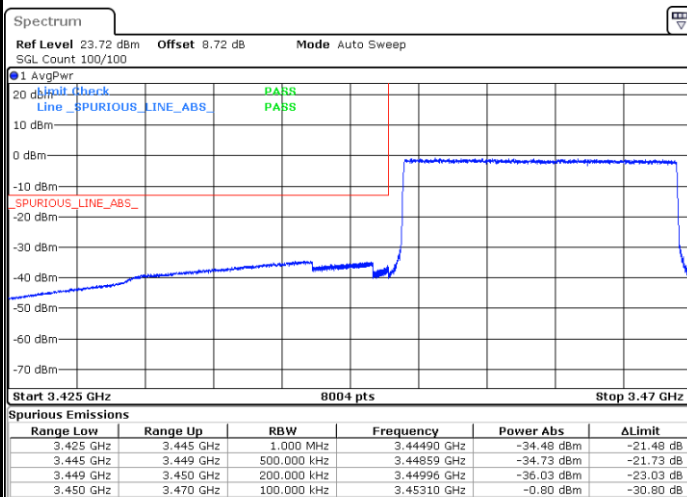
Date: 17.AUG.2022 11:34:31

Highest Band Edge / 1 RB



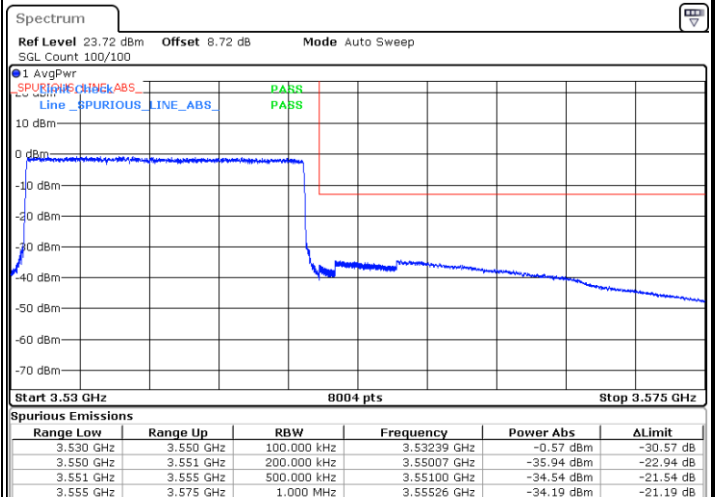
Date: 17.AUG.2022 11:48:05

Lowest Band Edge / Full RB



Date: 17.AUG.2022 11:40:37

Highest Band Edge / Full RB

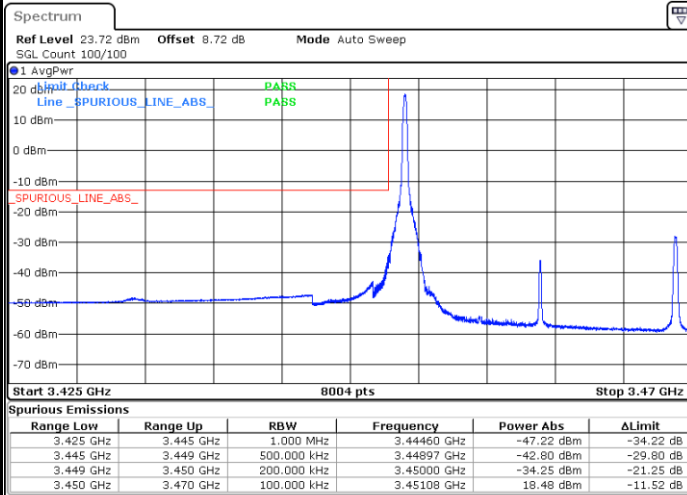


Date: 17.AUG.2022 11:53:27



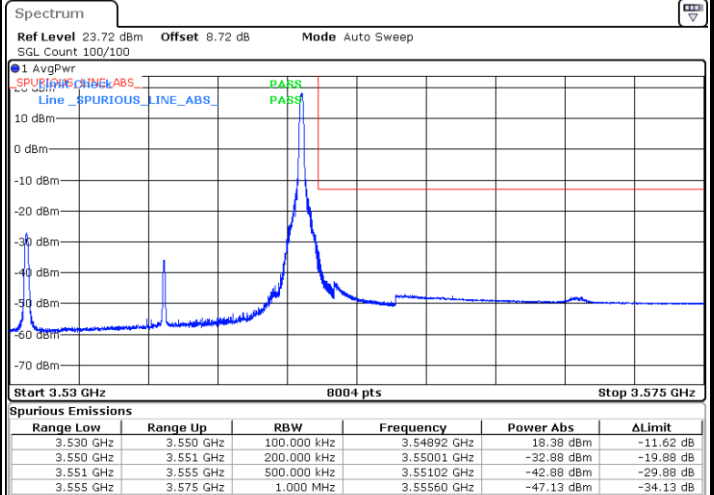
LTE Band 42 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



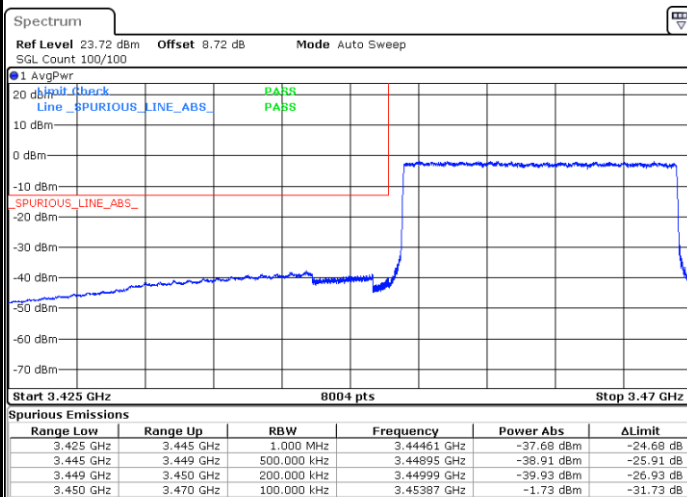
Date: 17.AUG.2022 11:35:18

Highest Band Edge / 1 RB



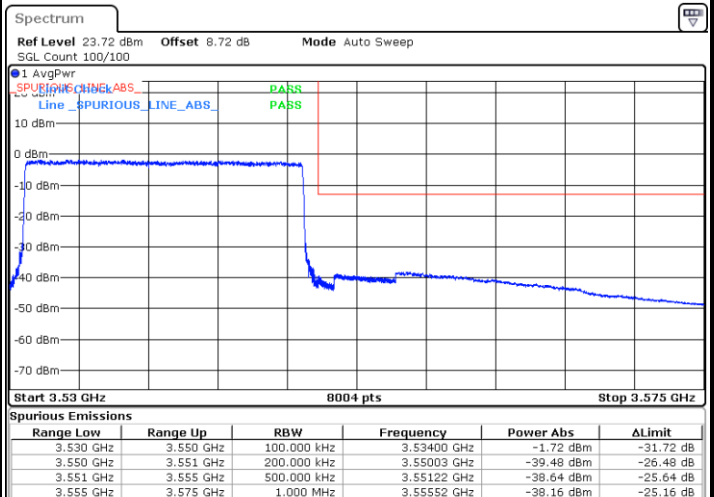
Date: 17.AUG.2022 11:48:52

Lowest Band Edge / Full RB



Date: 17.AUG.2022 11:41:23

Highest Band Edge / Full RB

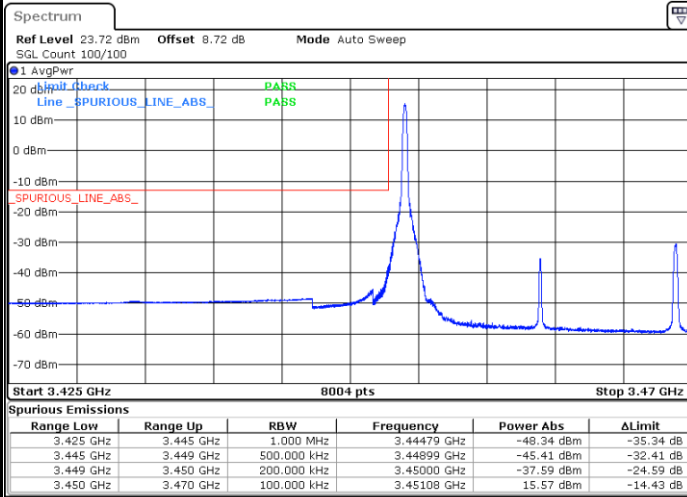


Date: 17.AUG.2022 11:54:14



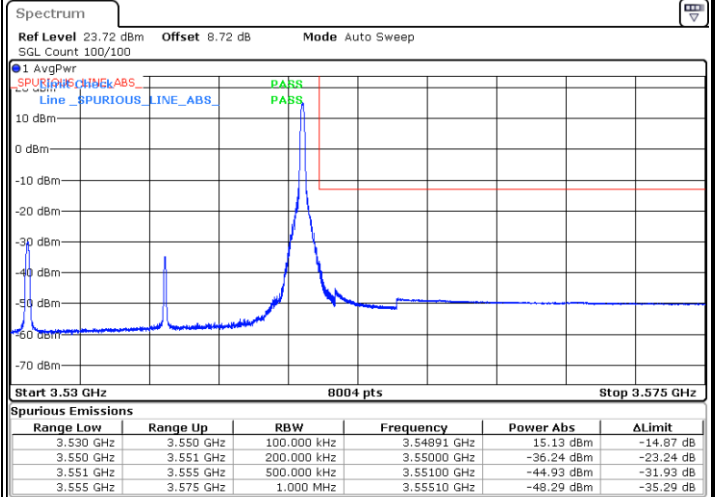
LTE Band 42 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



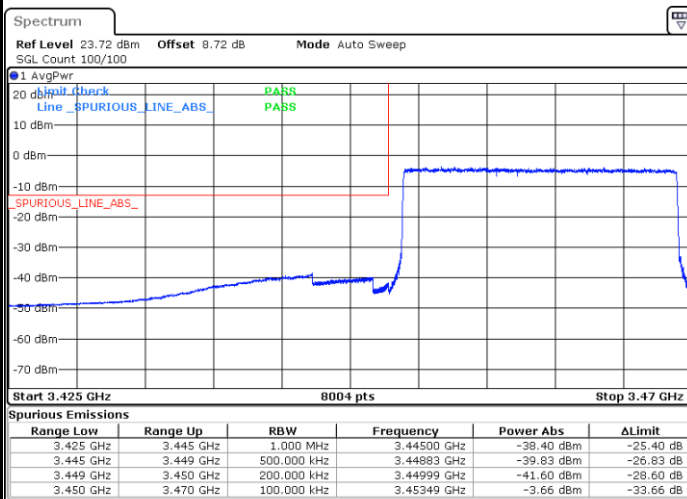
Date: 17.AUG.2022 11:36:06

Highest Band Edge / 1 RB



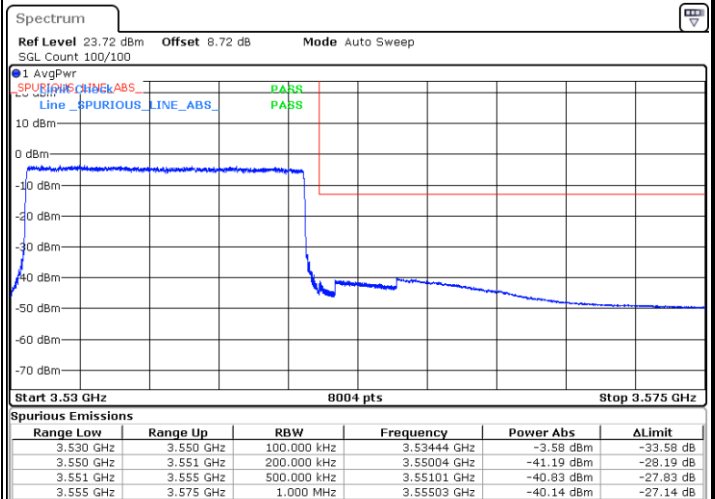
Date: 17.AUG.2022 11:49:39

Lowest Band Edge / Full RB



Date: 17.AUG.2022 11:42:10

Highest Band Edge / Full RB



Date: 17.AUG.2022 11:55:01

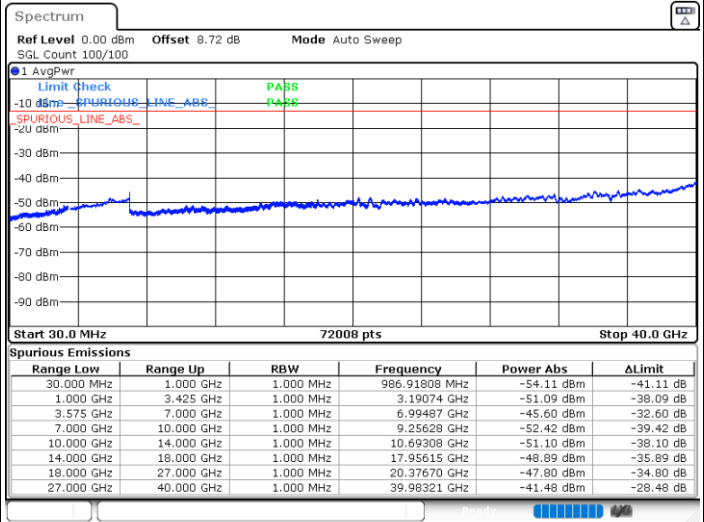
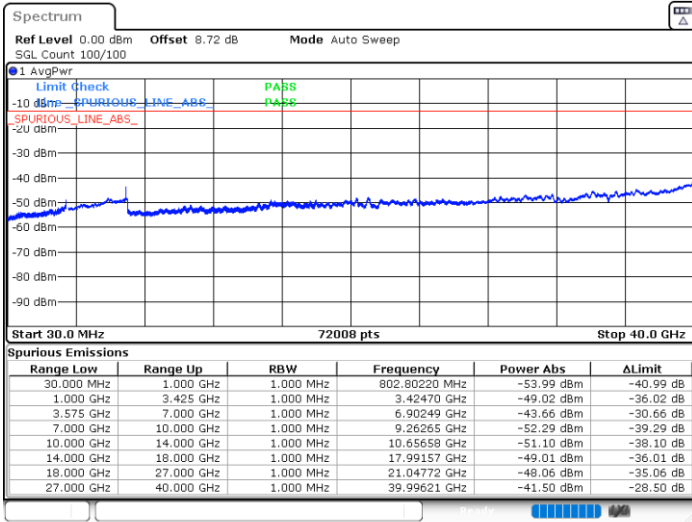


Conducted Spurious Emission

LTE Band 42 / 5MHz

Lowest Channel / QPSK

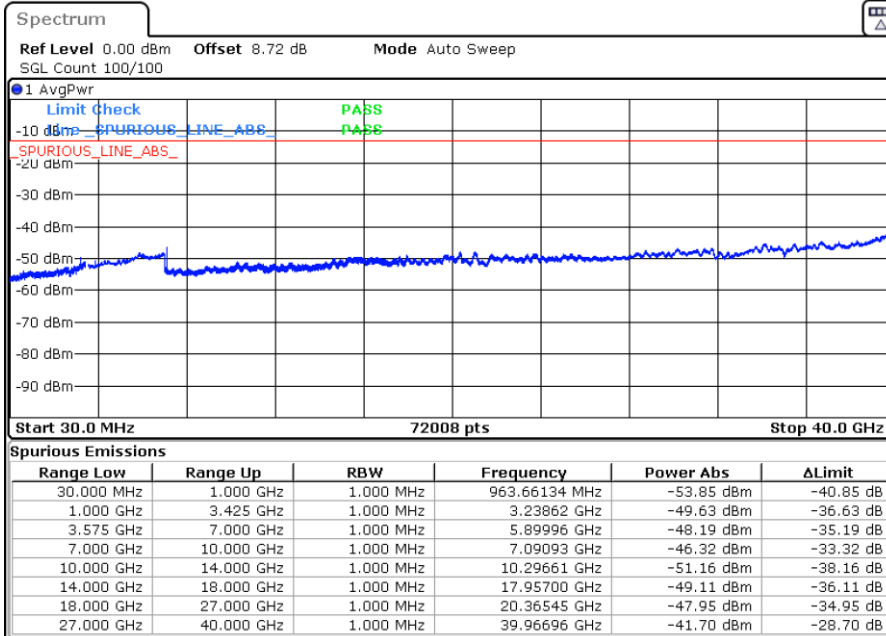
Middle Channel / QPSK



Date: 17.AUG.2022 03:22:33

Date: 17.AUG.2022 03:44:30

Highest Channel / QPSK



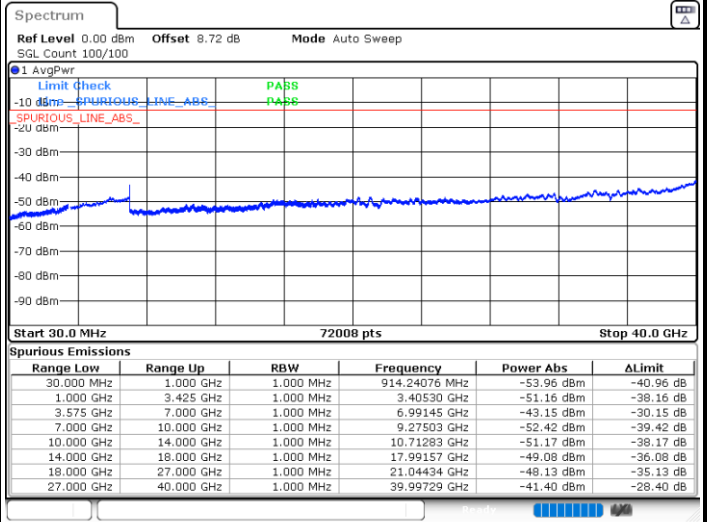
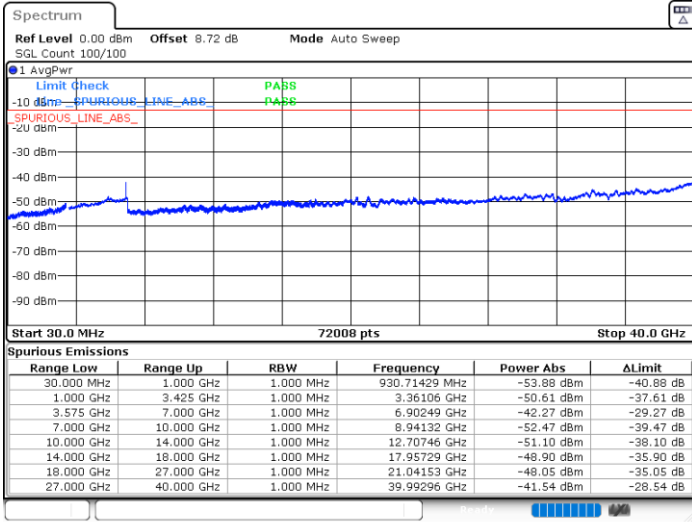
Date: 17.AUG.2022 03:45:50



LTE Band 42 / 10MHz

Lowest Channel / QPSK

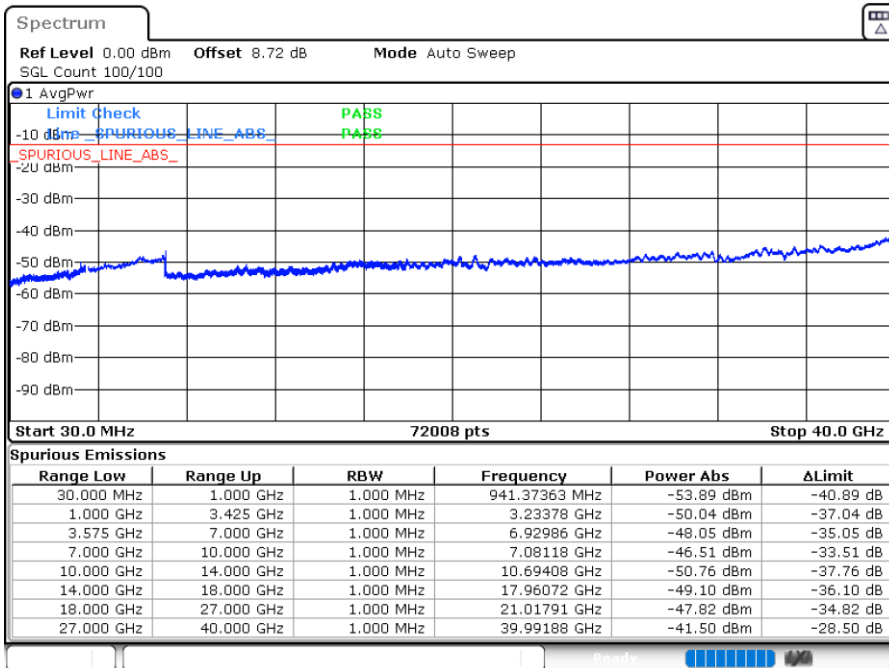
Middle Channel / QPSK



Date: 17.AUG.2022 04:05:41

Date: 17.AUG.2022 04:28:40

Highest Channel / QPSK



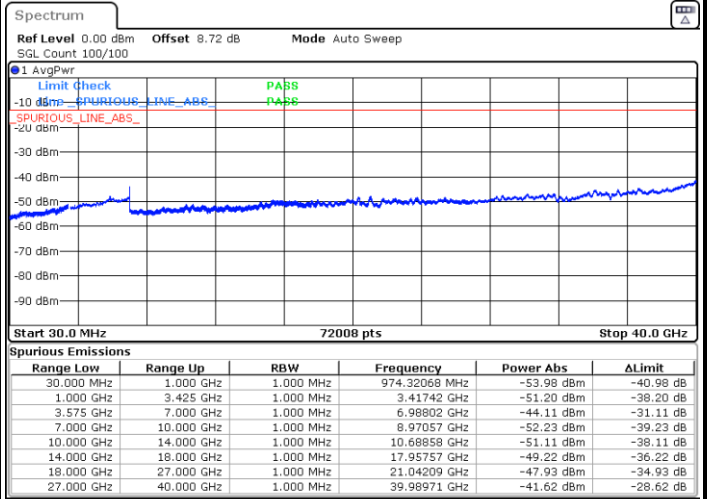
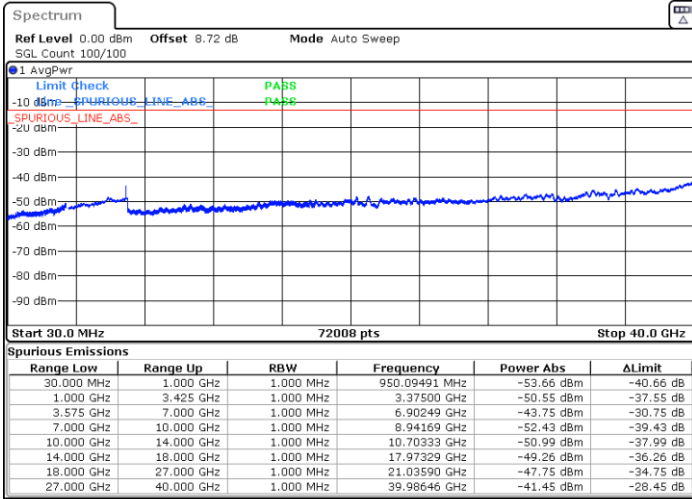
Date: 17.AUG.2022 04:30:00



LTE Band 42 / 15MHz

Lowest Channel / QPSK

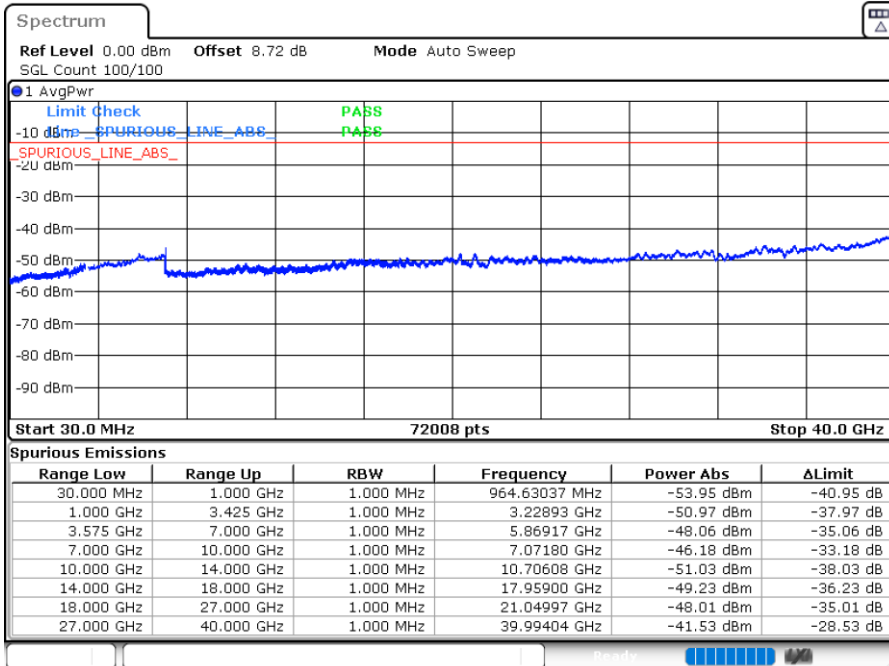
Middle Channel / QPSK



Date: 17.AUG.2022 04:39:42

Date: 17.AUG.2022 04:51:02

Highest Channel / QPSK



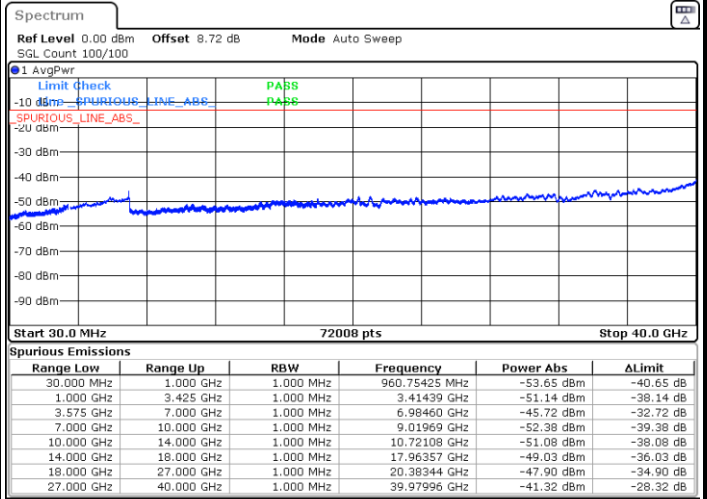
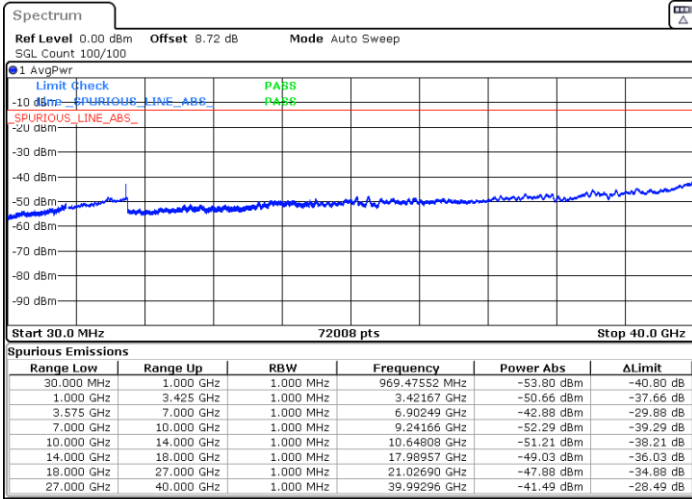
Date: 17.AUG.2022 04:52:22



LTE Band 42 / 20MHz

Lowest Channel / QPSK

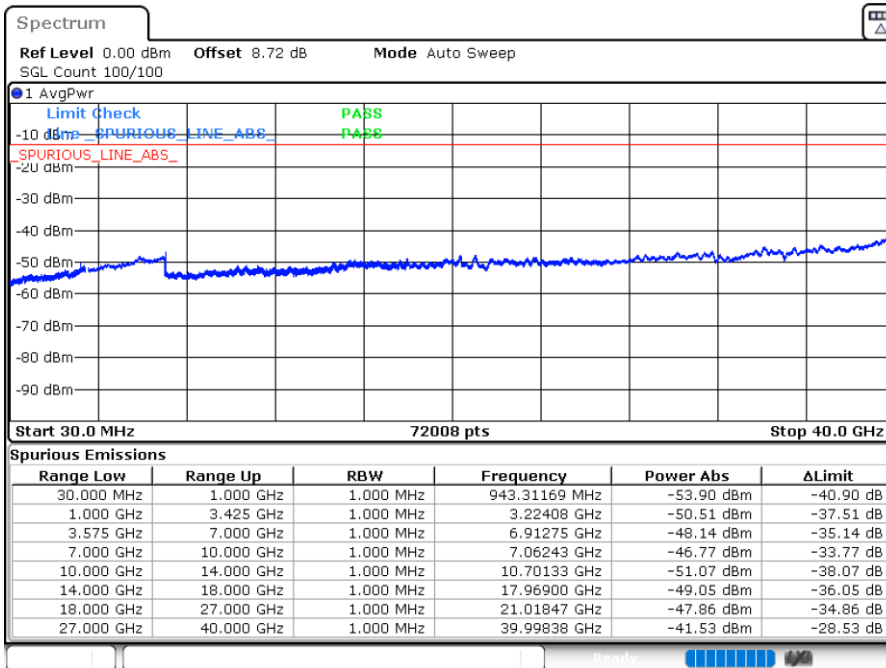
Middle Channel / QPSK



Date: 17.AUG.2022 04:53:43

Date: 17.AUG.2022 04:55:04

Highest Channel / QPSK



Date: 17.AUG.2022 04:56:24

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	0.0013	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0017	
0	Normal Voltage	0.0025	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0023	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0028	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.52 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 :	Chris Chen	Temperature :	23~25°C
		Relative Humidity :	41~42%

Note: Pre-scanned harmonic for the different antenna combinations, we choose the worst antenna mode to perform final test.

LTE Band 42 / 20MHz / QPSK / RB Size 1 Offset 0(Ant.0)								
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	-49.24	-13	-36.24	-59.45	3.03	13.24	H
	10476	-40.11	-13	-27.11	-49.56	3.56	13.01	H
	13962	-29.54	-13	-16.54	-39.06	3.92	13.44	H
	6984	-49.28	-13	-36.28	-59.49	3.03	13.24	V
	10476	-40.25	-13	-27.25	-49.70	3.56	13.01	V
	13962	-29.59	-13	-16.59	-39.11	3.92	13.44	V

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