

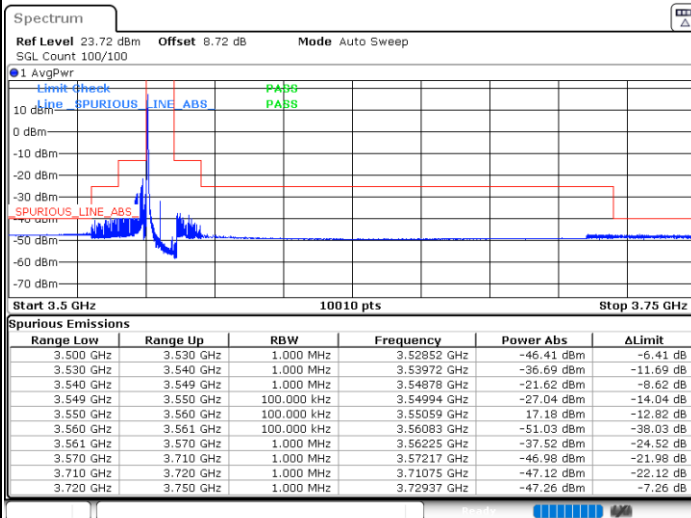


LTE Band 48 / 10MHz

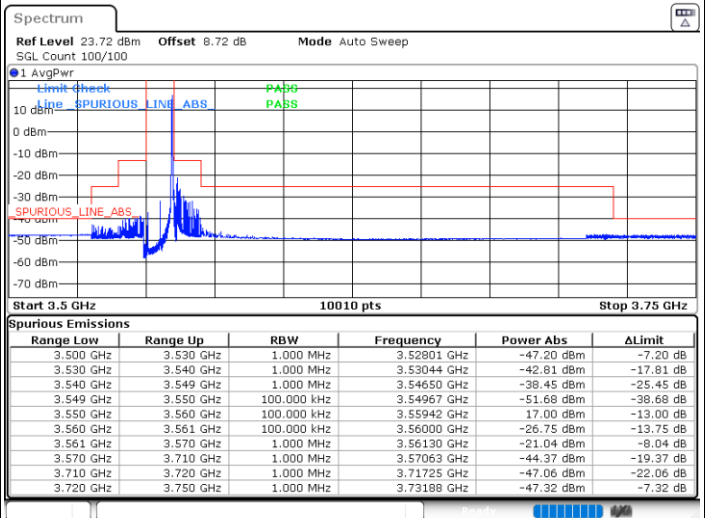
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



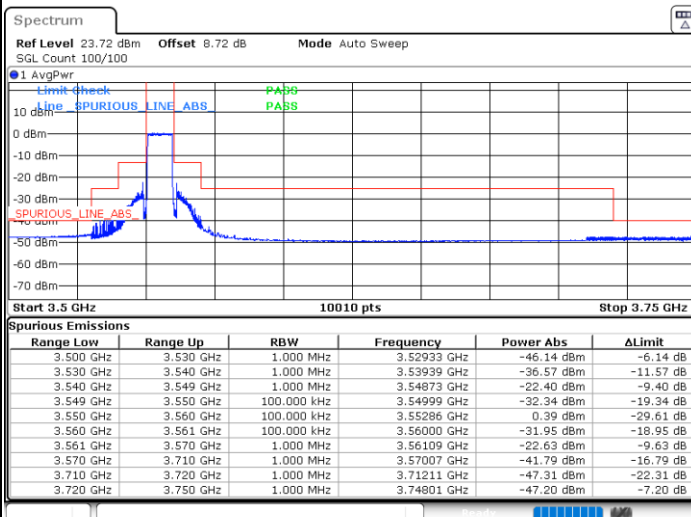
Date: 24.JUN.2022 14:41:33



Date: 24.JUN.2022 14:43:52

Lowest Channel / Full RB

N/A



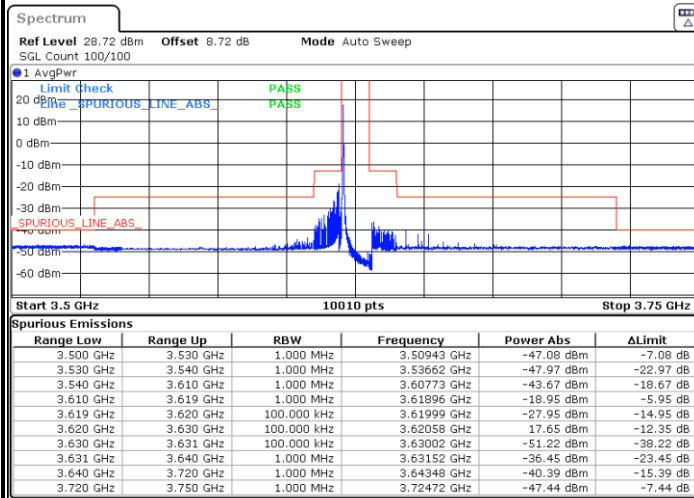
Date: 24.JUN.2022 14:56:39



LTE Band 48 / 10MHz

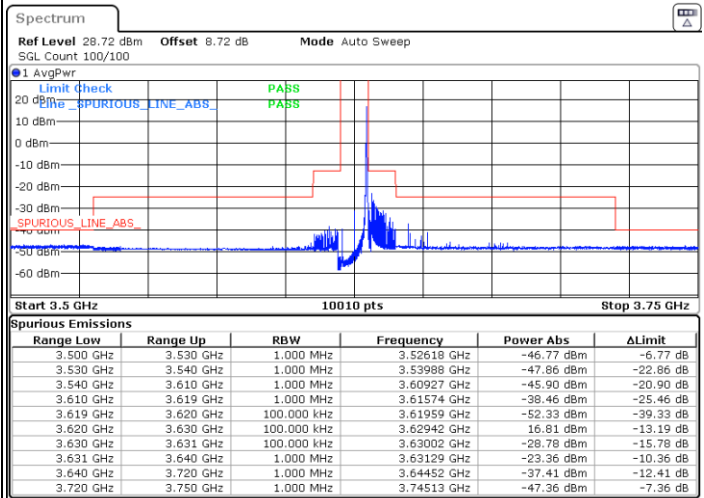
256QAM

Middle Channel / 1RB0



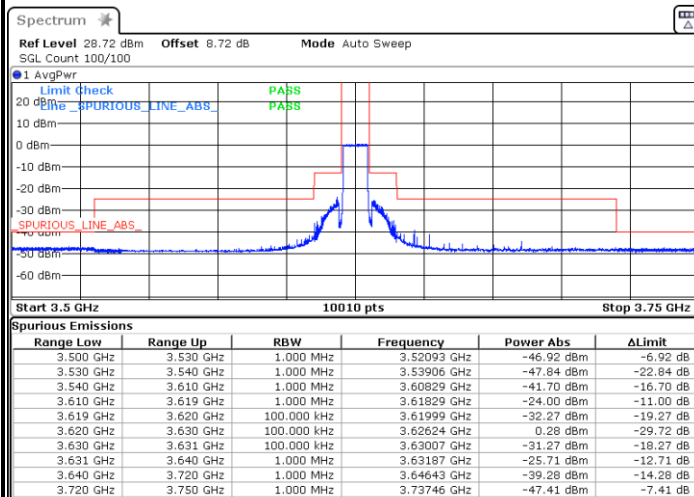
Date: 24.JUN.2022 15:26:25

Middle Channel / 1RBmax



Date: 24.JUN.2022 15:08:30

Middle Channel / Full RB



Date: 24.JUN.2022 14:58:25

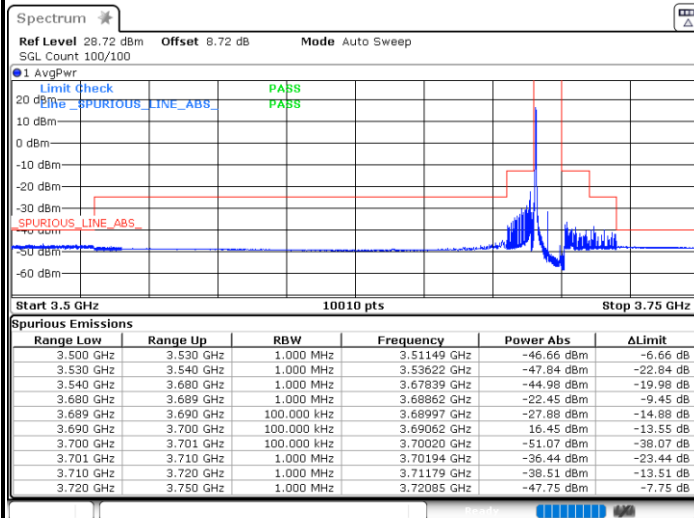
N/A



LTE Band 48 / 10MHz

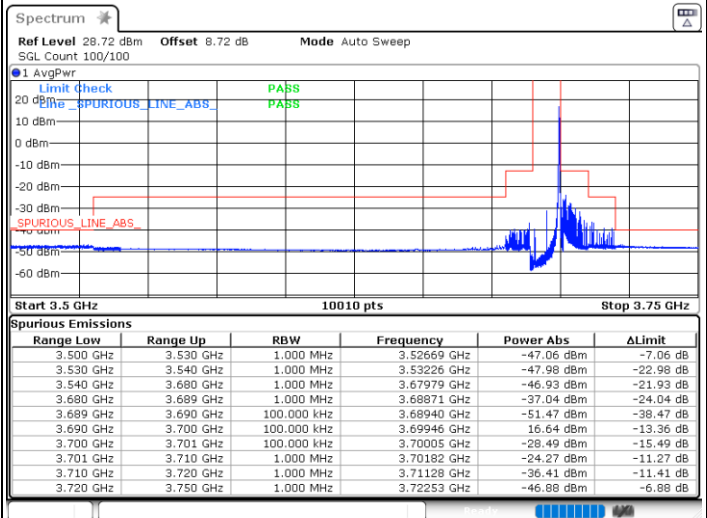
256QAM

Highest Channel / 1RB0



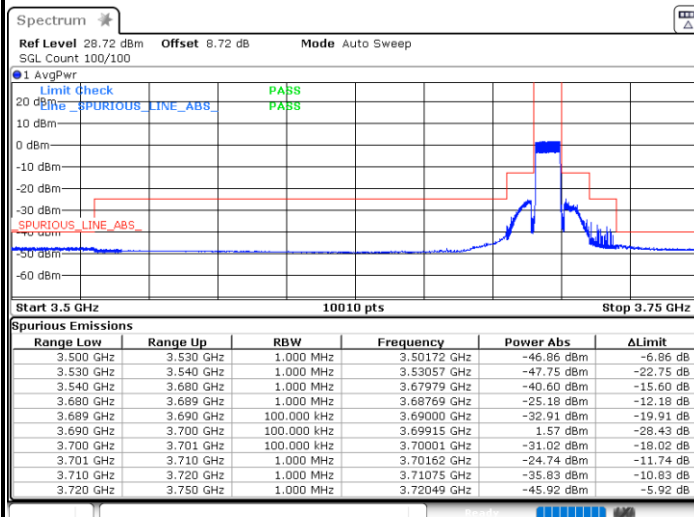
Date: 24.JUN.2022 15:37:30

Highest Channel / 1RBmax



Date: 24.JUN.2022 15:48:29

Highest Channel / Full RB



Date: 24.JUN.2022 15:50:28

N/A

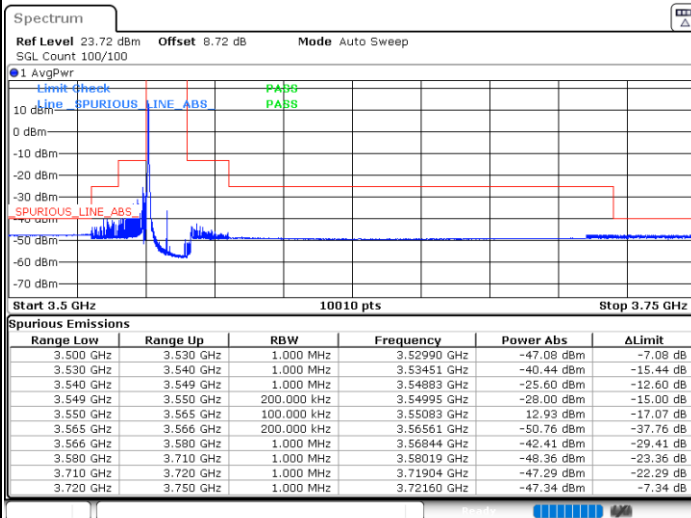


LTE Band 48 / 15MHz

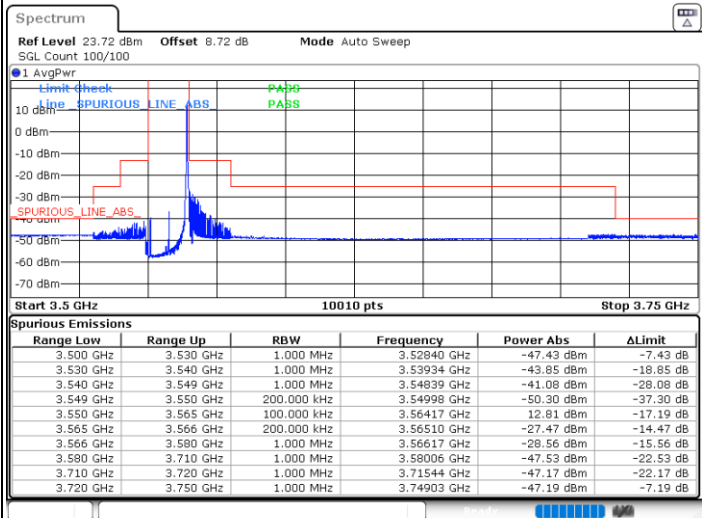
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



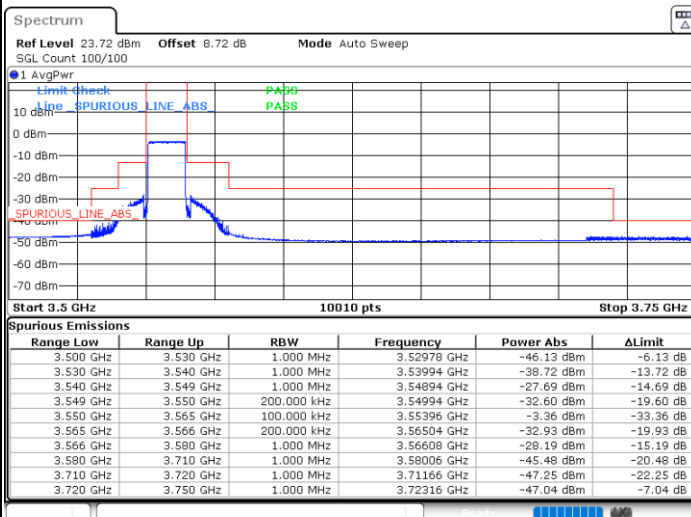
Date: 24.JUN.2022 16:19:25



Date: 24.JUN.2022 16:05:52

Lowest Channel / Full RB

N/A



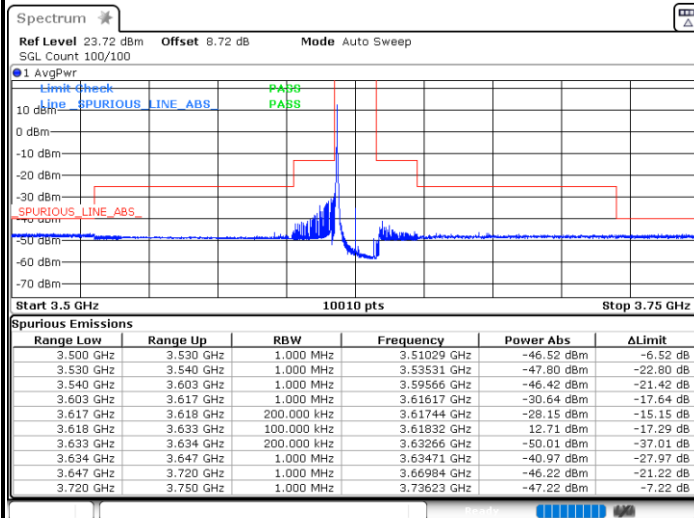
Date: 24.JUN.2022 16:03:14



LTE Band 48 / 15MHz

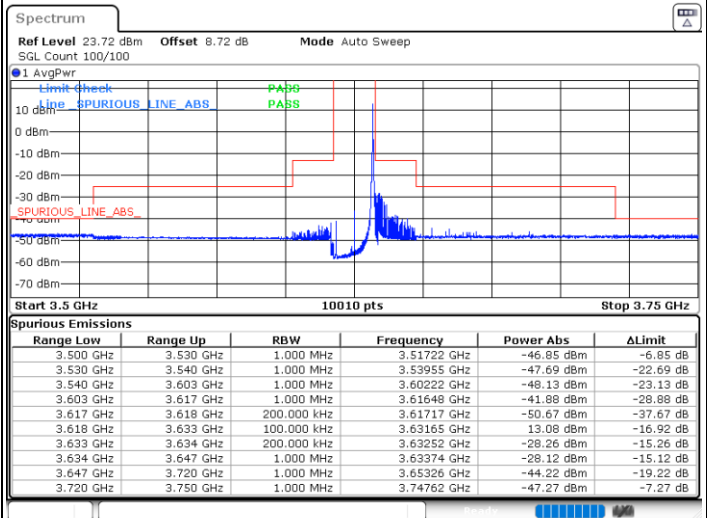
256QAM

Middle Channel / 1RB0



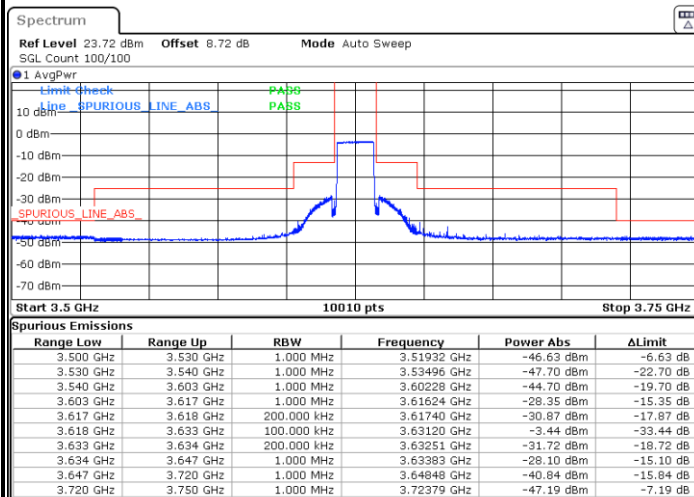
Date: 24.JUN.2022 16:21:16

Middle Channel / 1RBmax



Date: 24.JUN.2022 16:36:34

Middle Channel / Full RB



Date: 24.JUN.2022 16:38:24

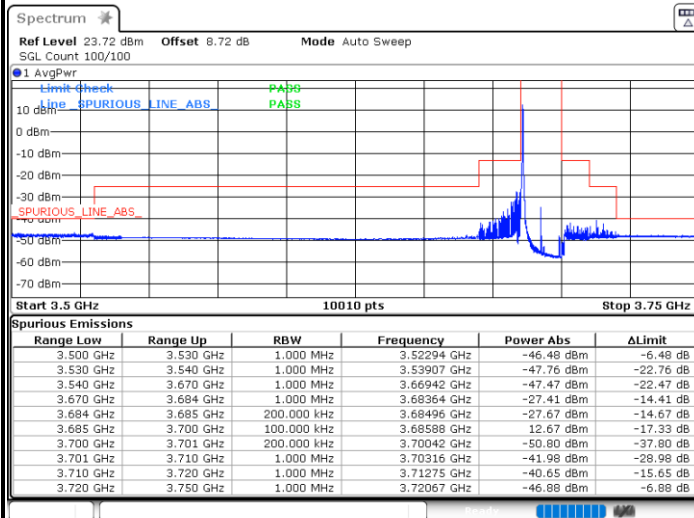
N/A



LTE Band 48 / 15MHz

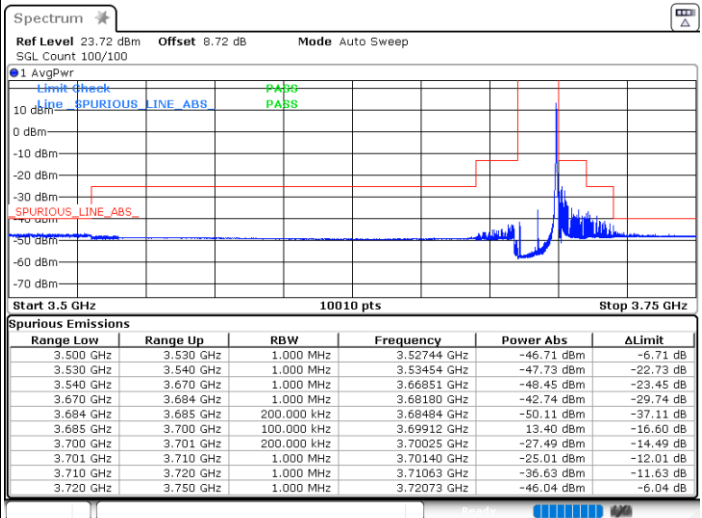
256QAM

Highest Channel / 1RB0



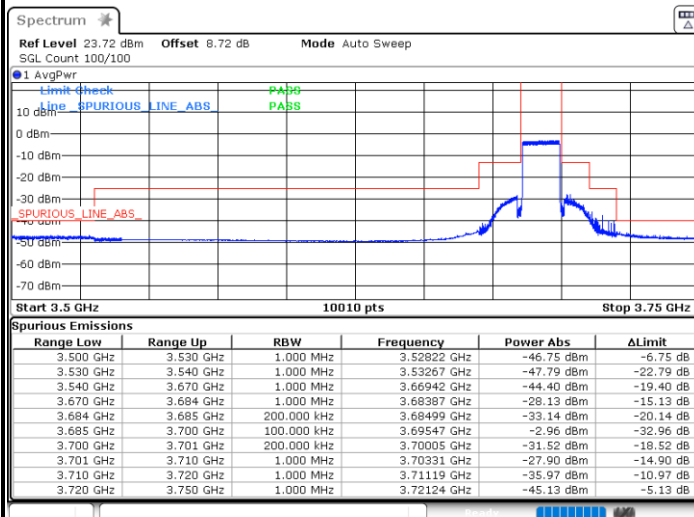
Date: 24.JUN.2022 17:36:05

Highest Channel / 1RBmax



Date: 24.JUN.2022 17:21:39

Highest Channel / Full RB



Date: 24.JUN.2022 17:19:18

N/A

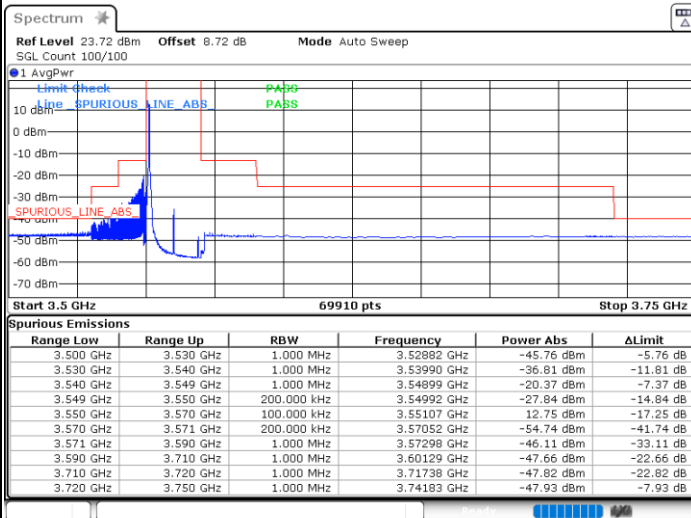


LTE Band 48 / 20MHz

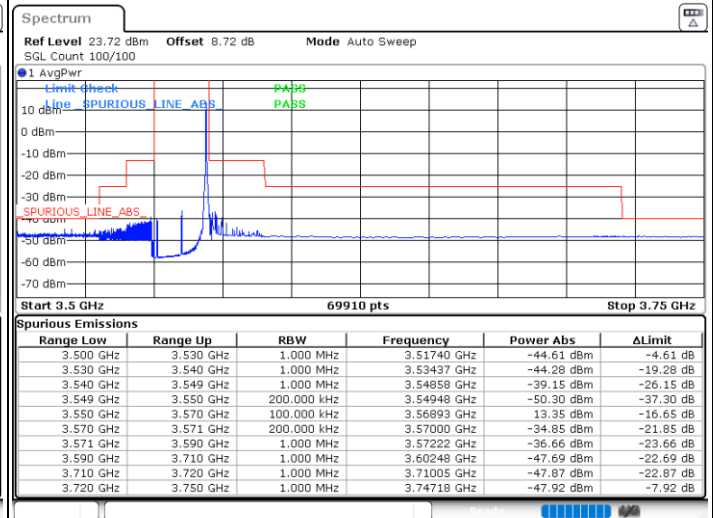
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



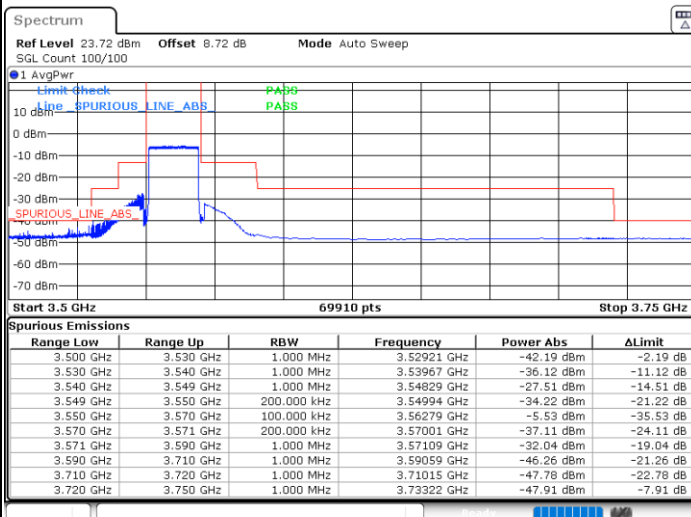
Date: 24.JUN.2022 17:42:11



Date: 24.JUN.2022 17:56:55

Lowest Channel / Full RB

N/A



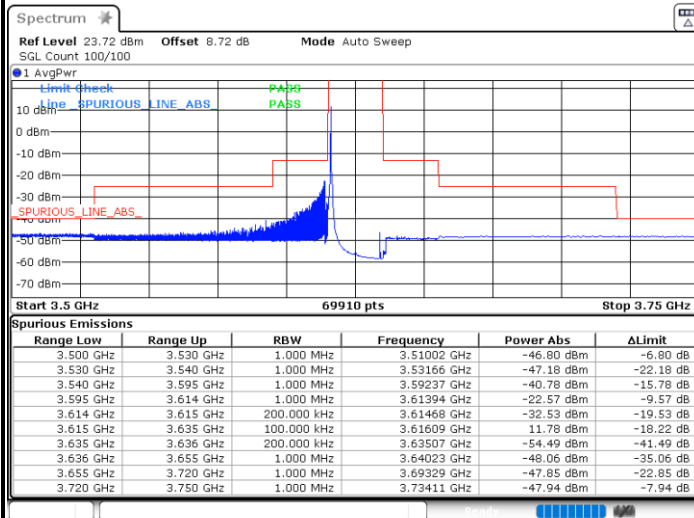
Date: 24.JUN.2022 17:58:52



LTE Band 48 / 20MHz

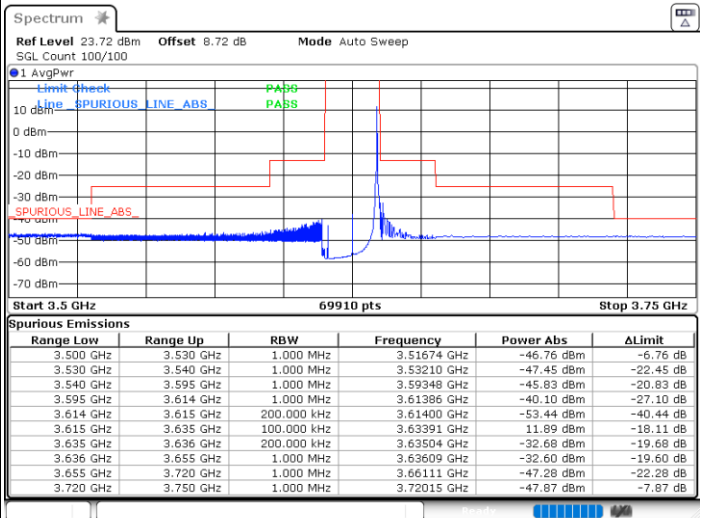
256QAM

Middle Channel / 1RB0



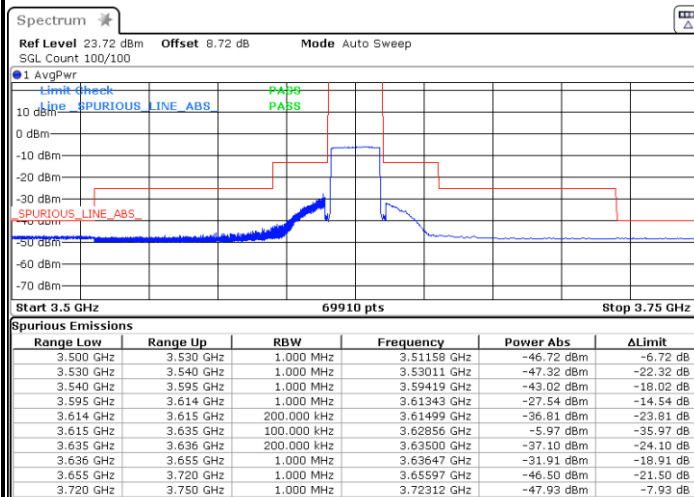
Date: 24.JUN.2022 18:38:43

Middle Channel / 1RBmax



Date: 24.JUN.2022 18:21:38

Middle Channel / Full RB



Date: 24.JUN.2022 18:18:40

N/A

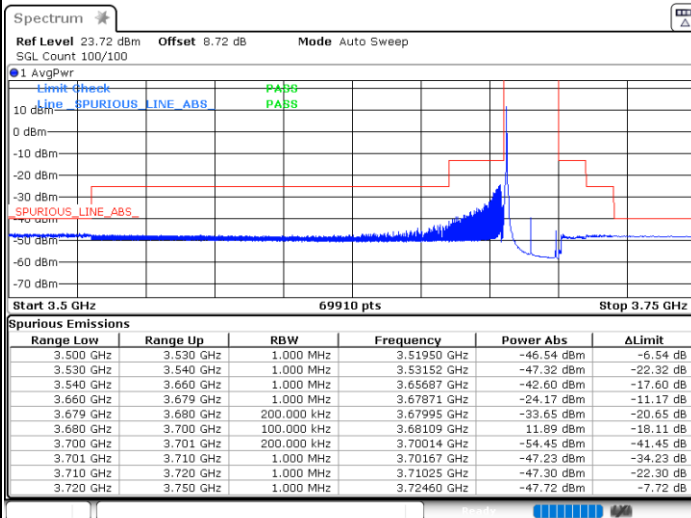


LTE Band 48 / 20MHz

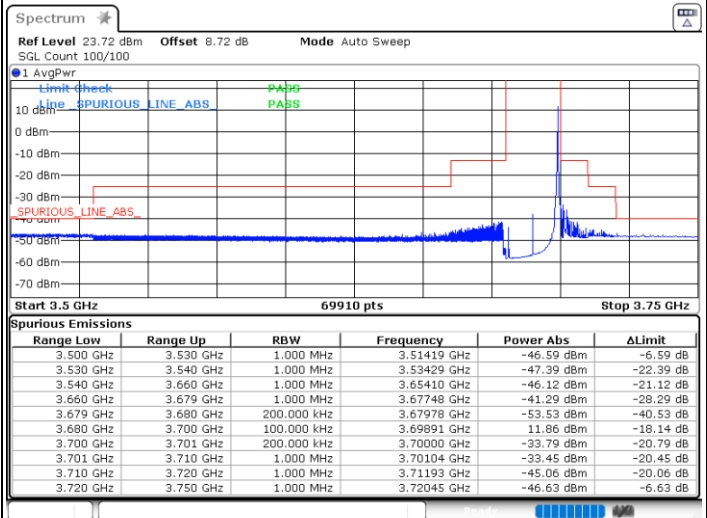
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



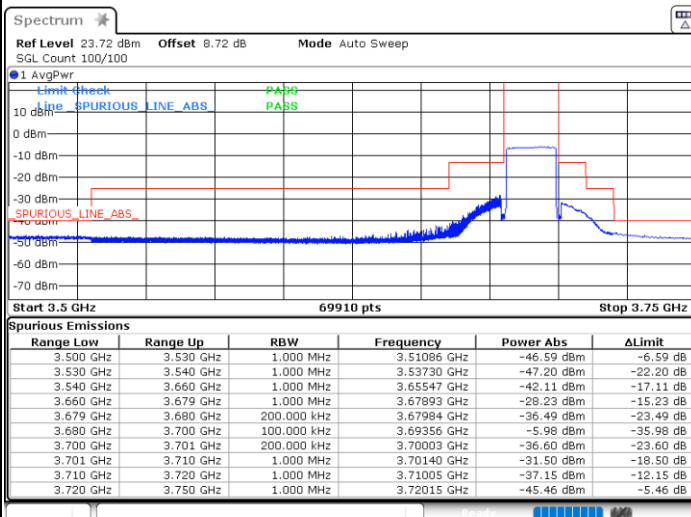
Date: 24.JUN.2022 18:41:05



Date: 24.JUN.2022 19:02:12

Highest Channel / Full RB

N/A



Date: 24.JUN.2022 19:04:36

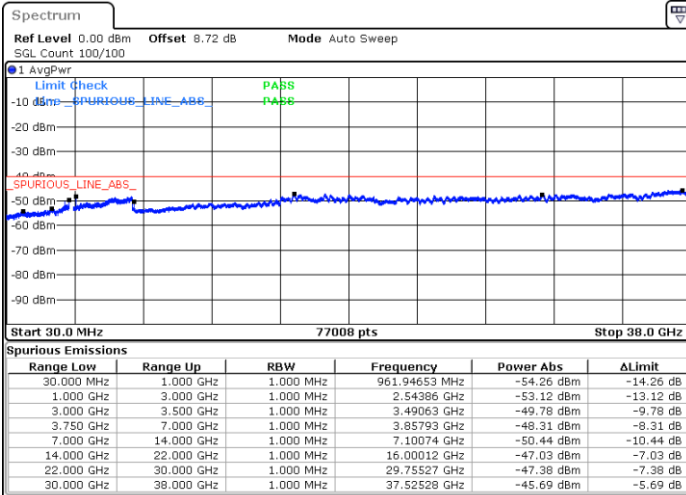
**Conducted Spurious Emission**

LTE Band 48 / 5MHz

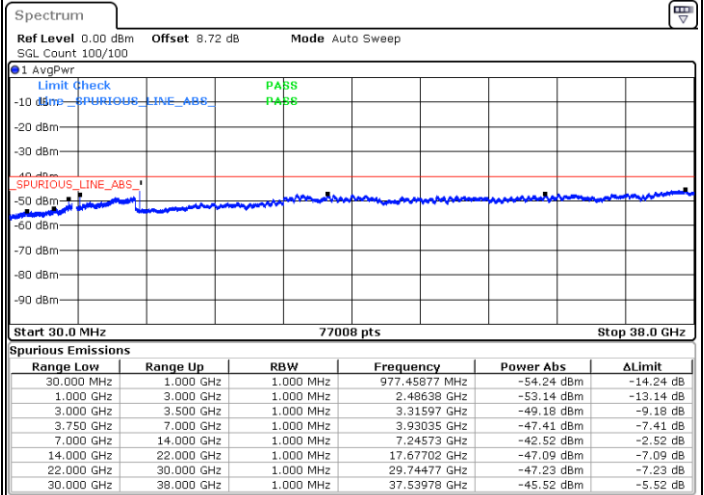
QPSK / 1RB0

Lowest Channel

Middle Channel

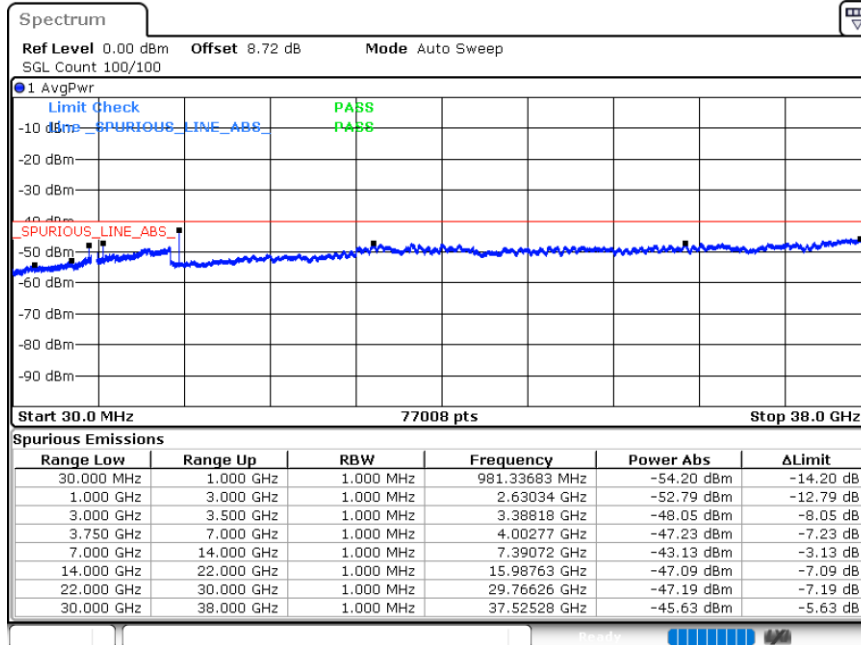


Date: 2.JUL.2022 04:22:55



Date: 2.JUL.2022 04:24:44

Highest Channel



Date: 2.JUL.2022 04:26:34

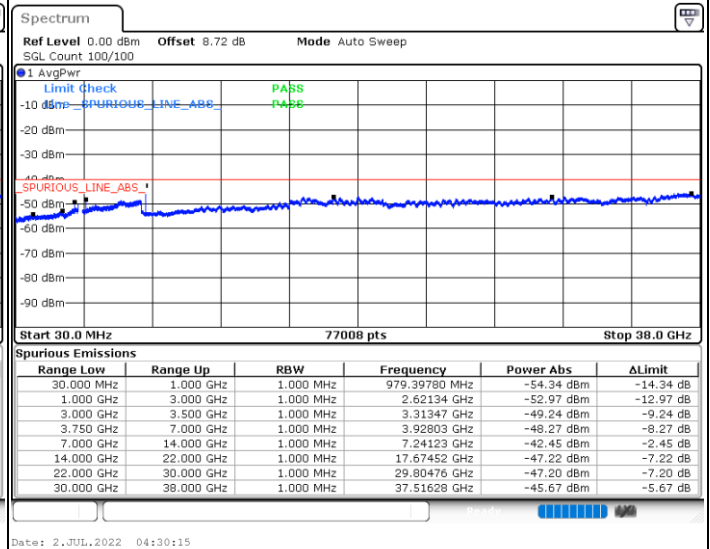
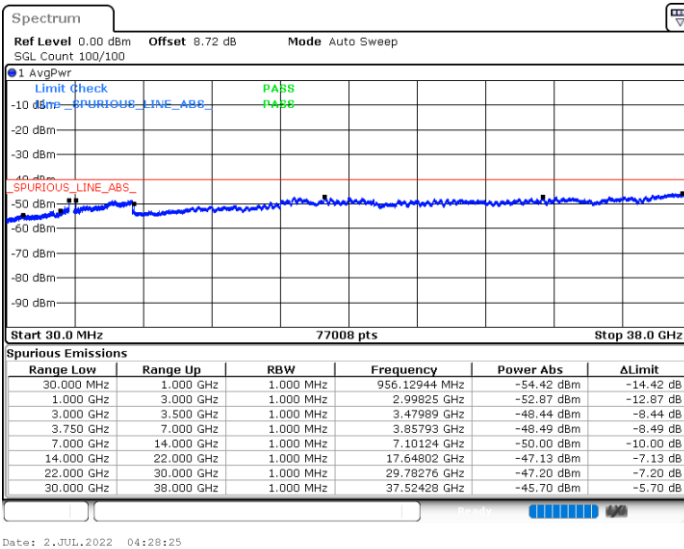


LTE Band 48 / 10MHz

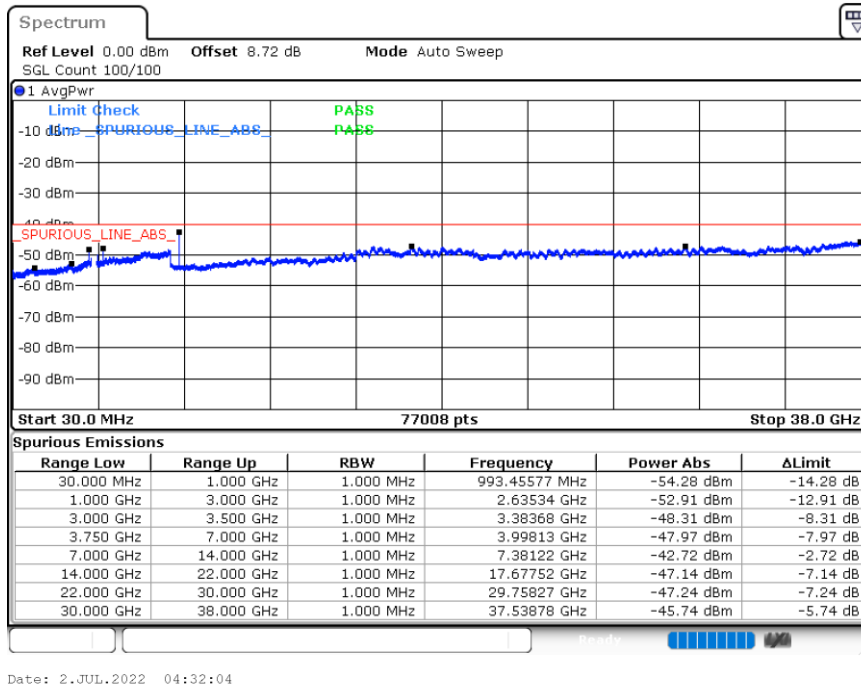
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



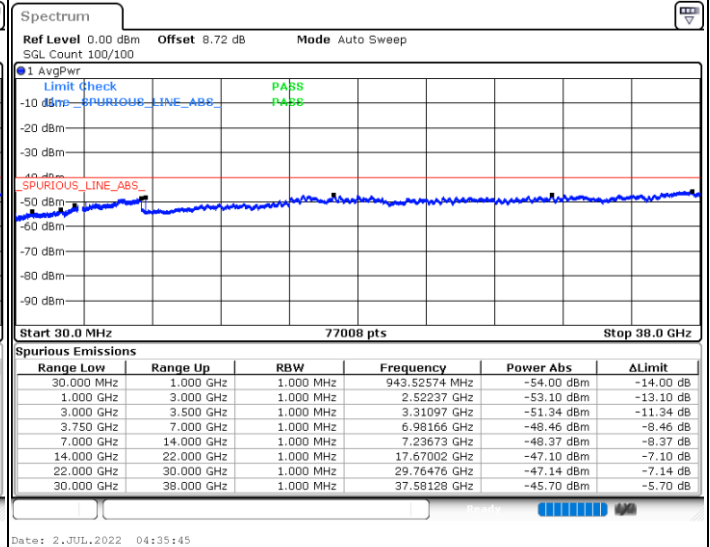
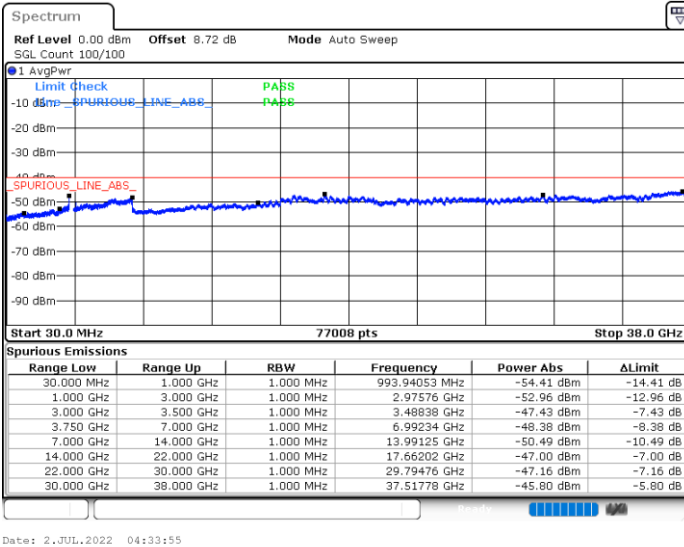


LTE Band 48 / 15MHz

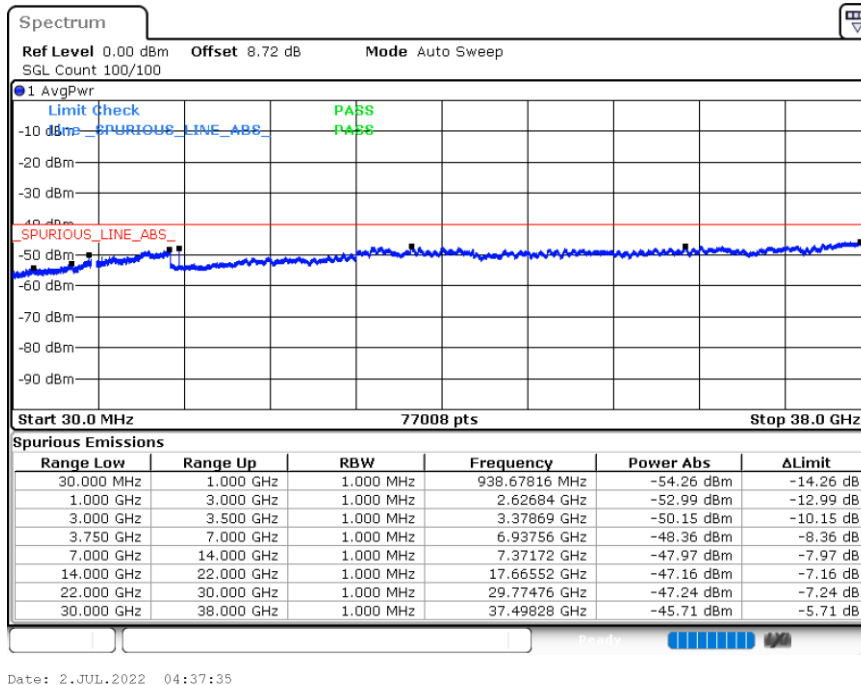
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



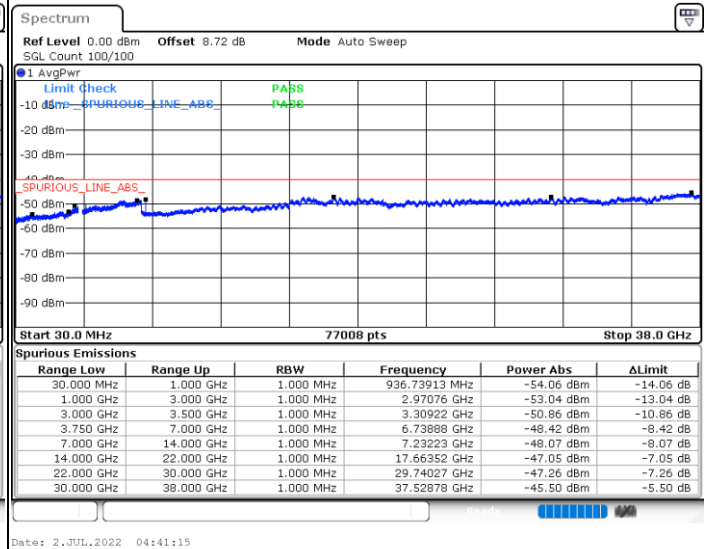
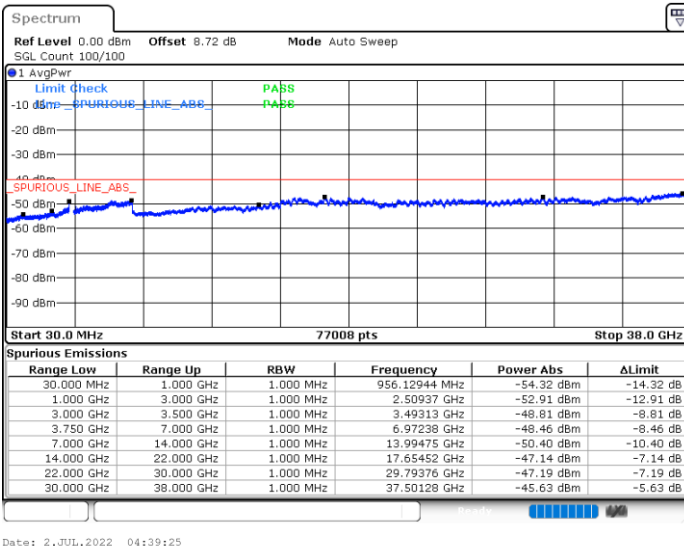


LTE Band 48 / 20MHz

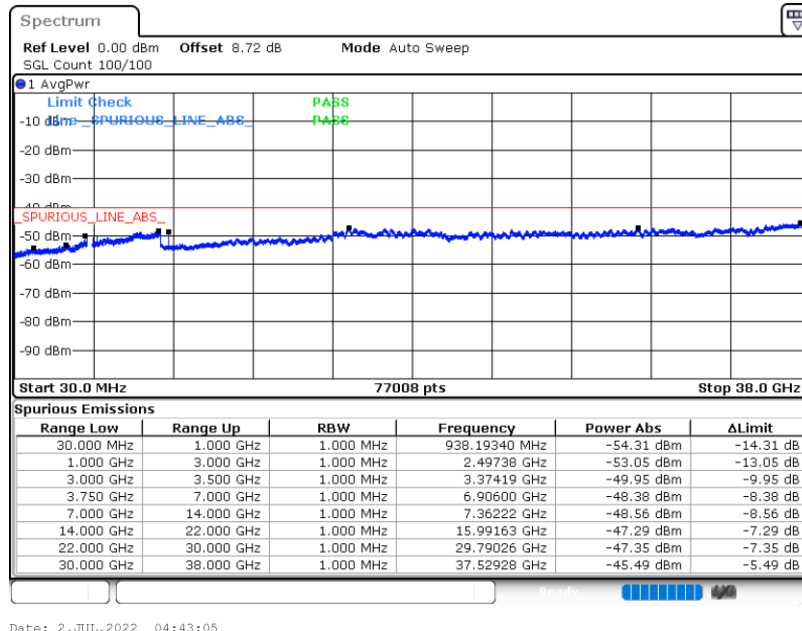
QPSK / 1RB0

Lowest Channel

Middle Channel



Highest Channel



Frequency Stability

Test Conditions		LTE Band 48 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0035	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0021	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0043	

Note:

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 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 :	Levi zhuo	Temperature :	22~23°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 48 / 20MHz / QPSK (Ant.6)								
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	7230	-57.86	-40	-17.86	-69.32	2.84	14.30	H
	10848	-60.68	-40	-20.68	-70.62	3.49	13.43	H
	14466	-60.09	-40	-20.09	-70.33	3.85	14.09	H
	7230	-54.70	-40	-14.70	-66.16	2.84	14.30	V
	10848	-60.58	-40	-20.58	-70.52	3.49	13.43	V
	14466	-60.75	-40	-20.75	-70.99	3.85	14.09	V

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