

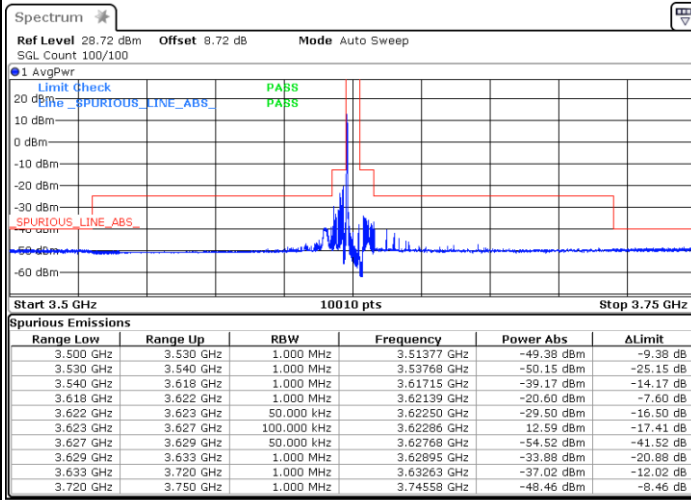


LTE Band 48 / 5MHz

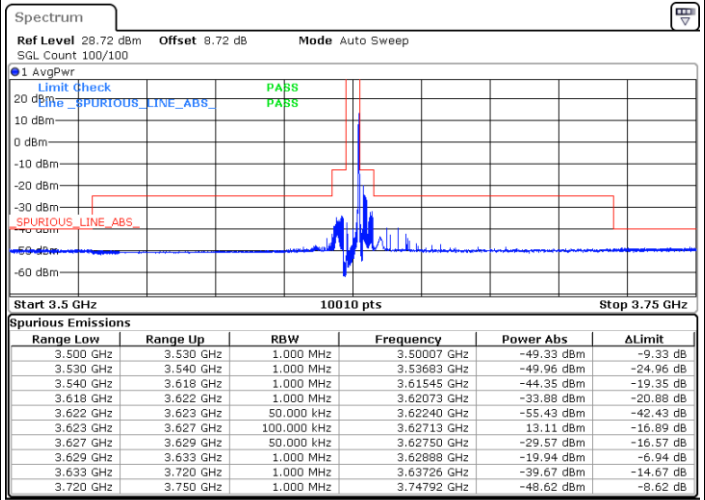
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



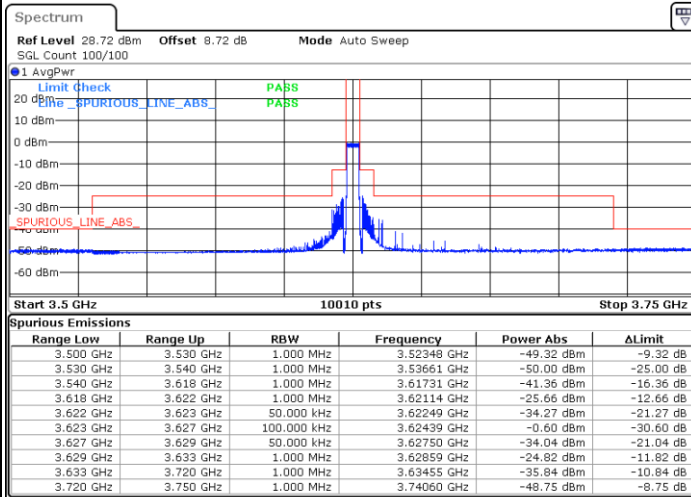
Date: 19.JUN.2022 05:55:55



Date: 19.JUN.2022 05:57:28

Middle Channel / FullRB

N/A



Date: 19.JUN.2022 05:59:01

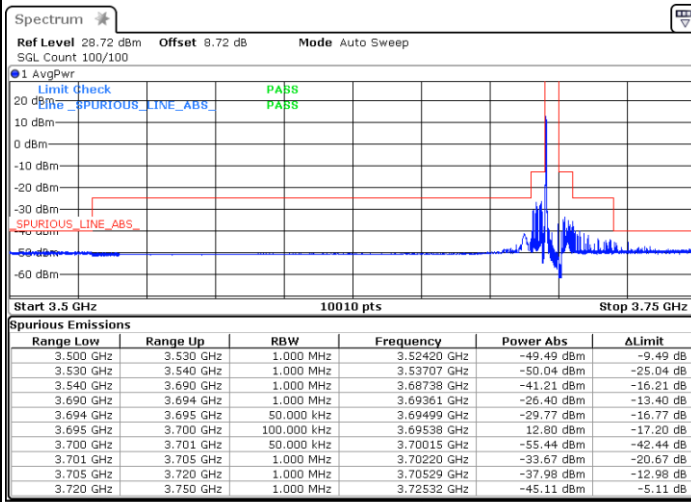


LTE Band 48 / 5MHz

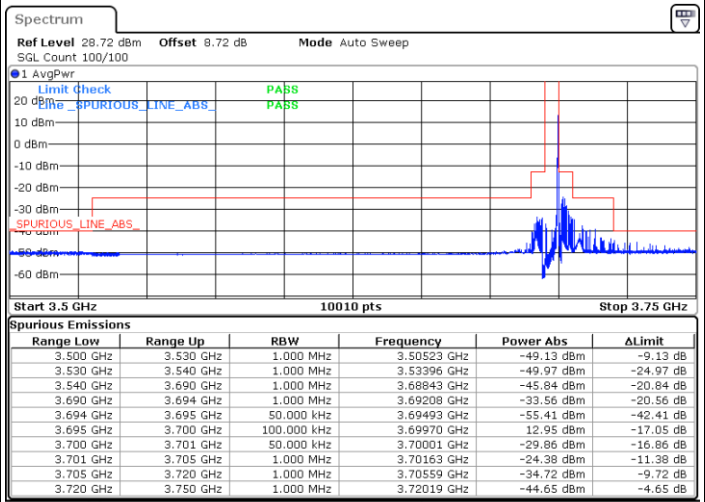
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



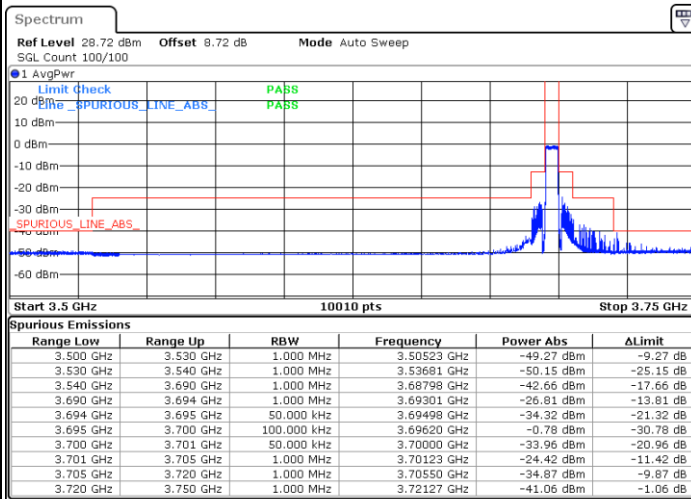
Date: 19.JUN.2022 06:00:33



Date: 19.JUN.2022 06:02:10

Highest Channel / FullIRB

N/A



Date: 19.JUN.2022 06:03:46

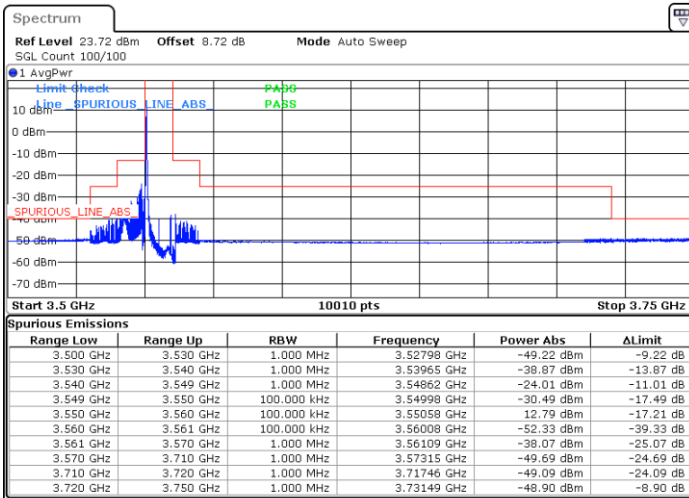


LTE Band 48 / 10MHz

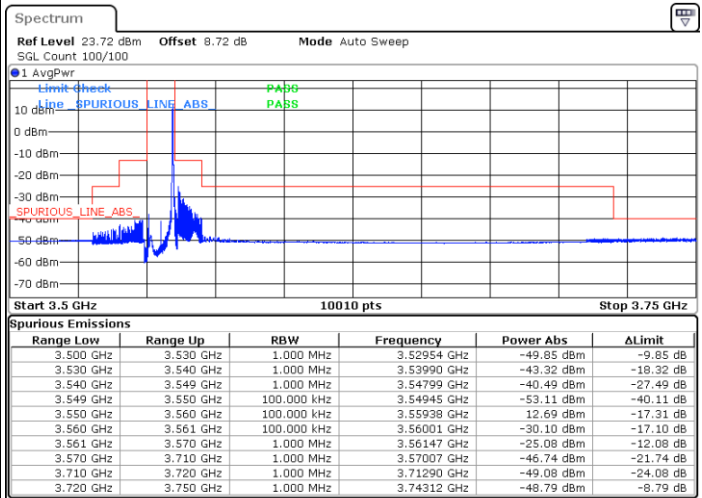
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



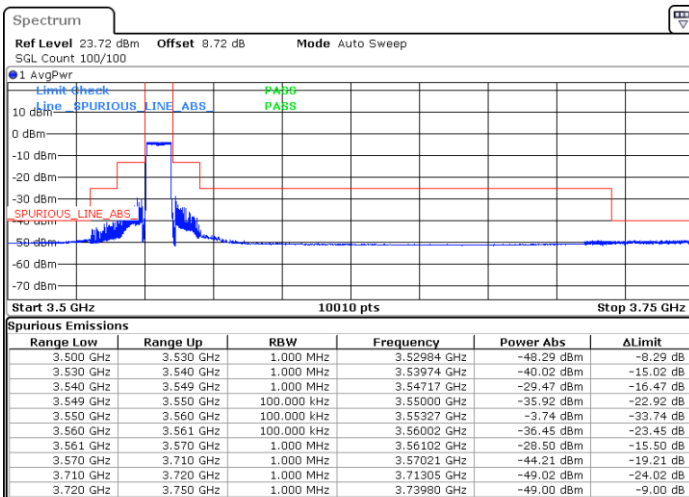
Date: 19.JUN.2022 06:05:56



Date: 19.JUN.2022 06:07:32

Lowest Channel / FullIRB

N/A



Date: 19.JUN.2022 06:09:08

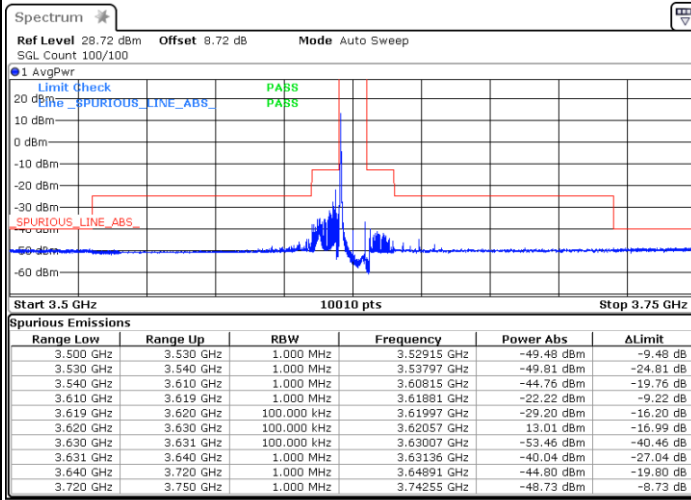


LTE Band 48 / 10MHz

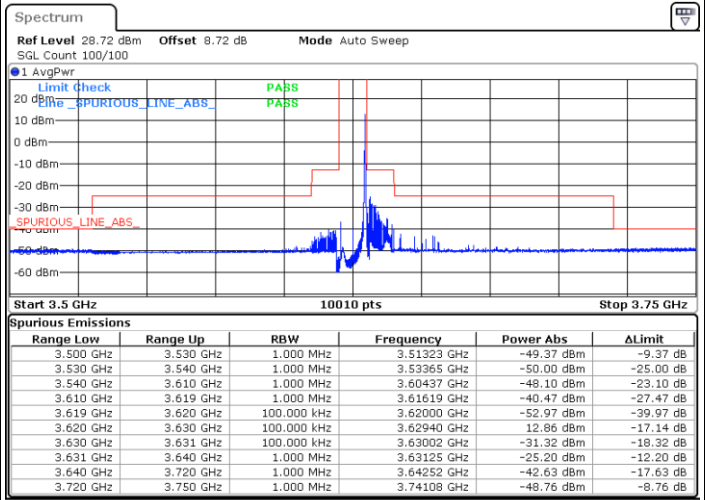
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



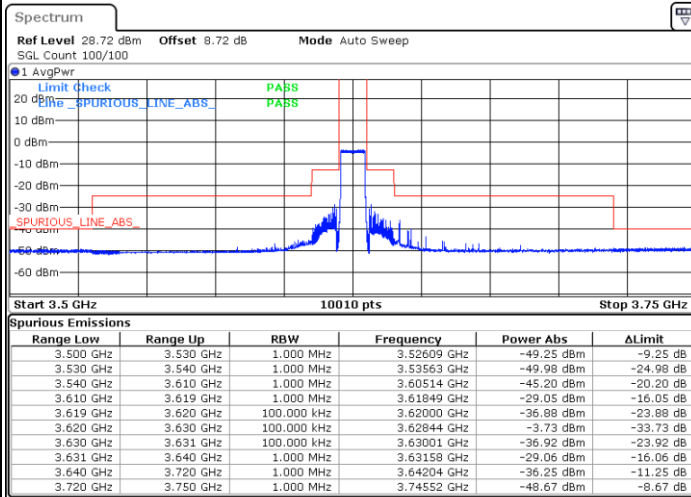
Date: 19.JUN.2022 06:10:42



Date: 19.JUN.2022 06:12:14

Middle Channel / FullRB

N/A



Date: 19.JUN.2022 06:13:47

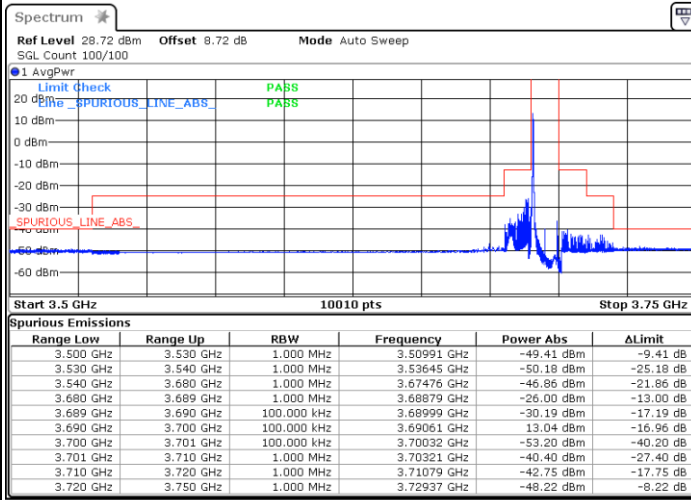


LTE Band 48 / 10MHz

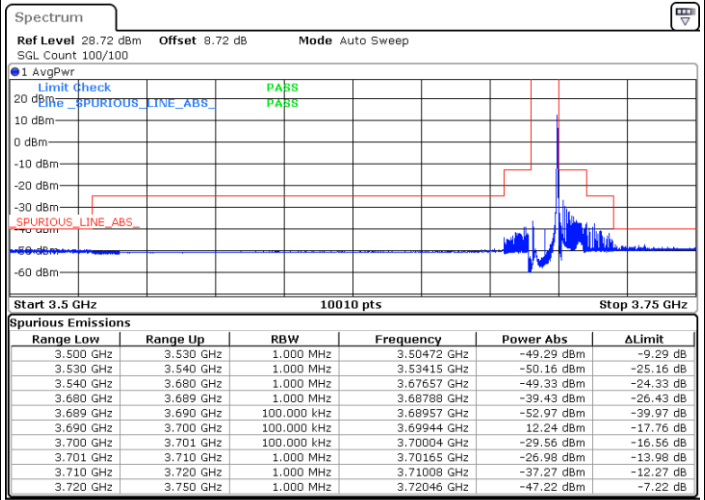
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



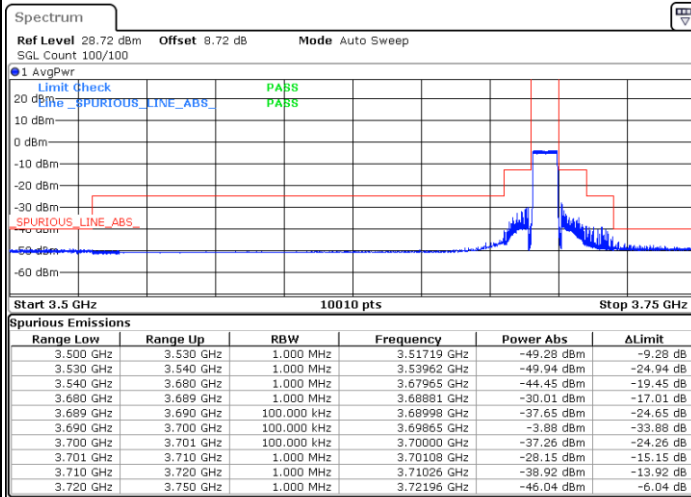
Date: 19.JUN.2022 06:15:20



Date: 19.JUN.2022 06:16:56

Highest Channel / FullIRB

N/A



Date: 19.JUN.2022 06:18:32

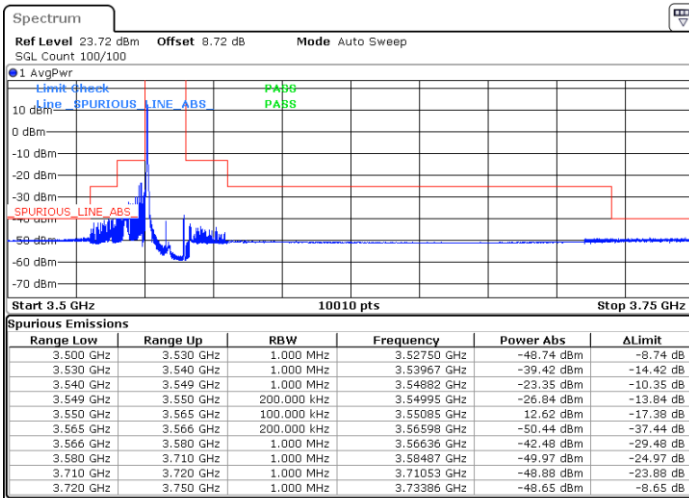


LTE Band 48 / 15MHz

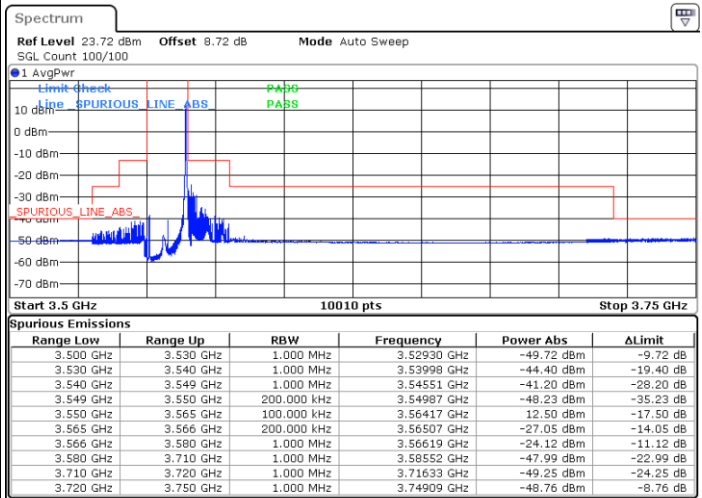
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



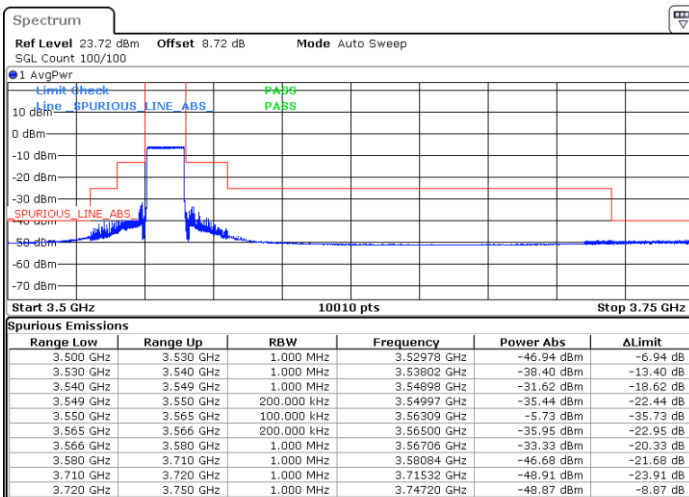
Date: 19.JUN.2022 04:02:10



Date: 19.JUN.2022 04:04:04

Lowest Channel / FullRB

N/A



Date: 19.JUN.2022 04:00:11

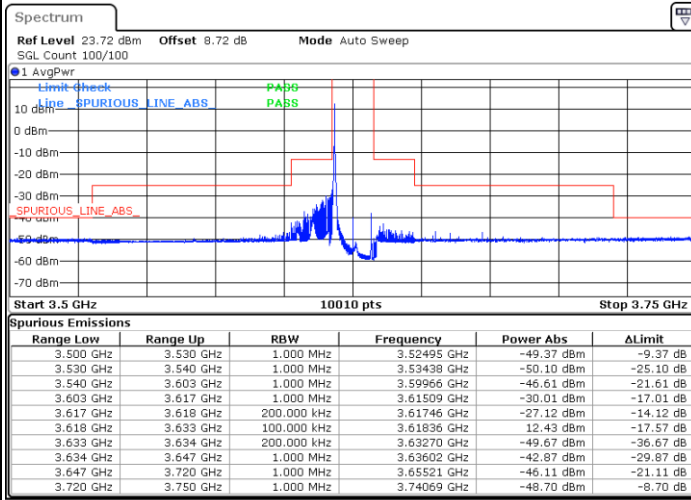


LTE Band 48 / 15MHz

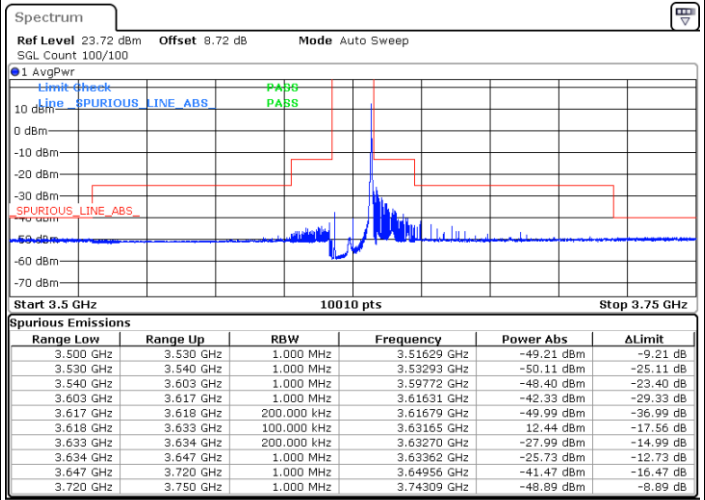
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



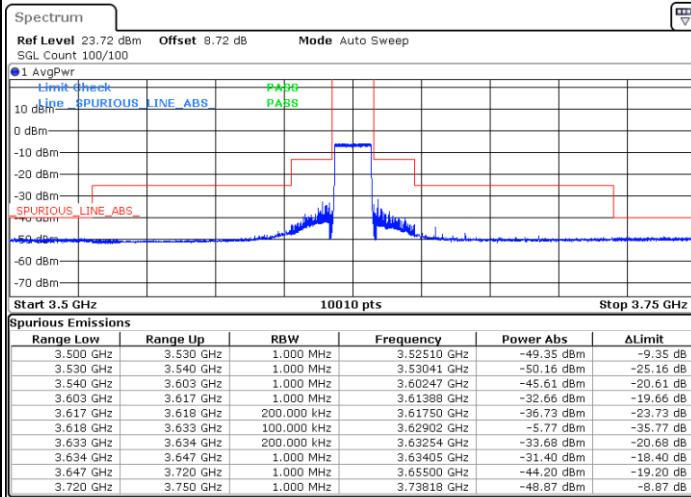
Date: 19.JUN.2022 04:06:03



Date: 19.JUN.2022 04:07:46

Middle Channel / FullIRB

N/A



Date: 19.JUN.2022 04:09:32

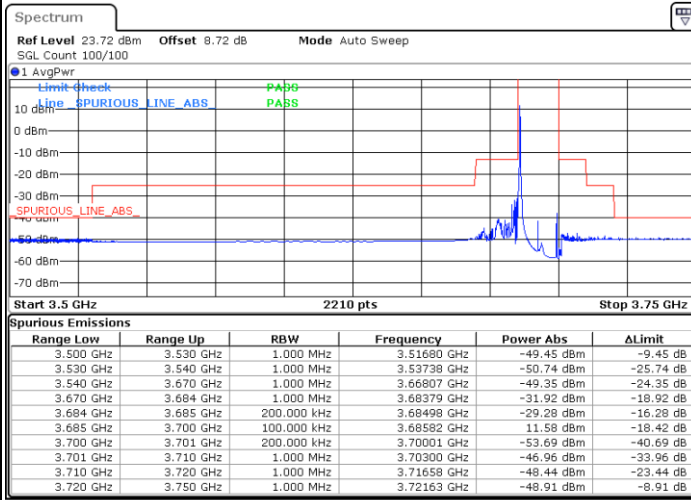


LTE Band 48 / 15MHz

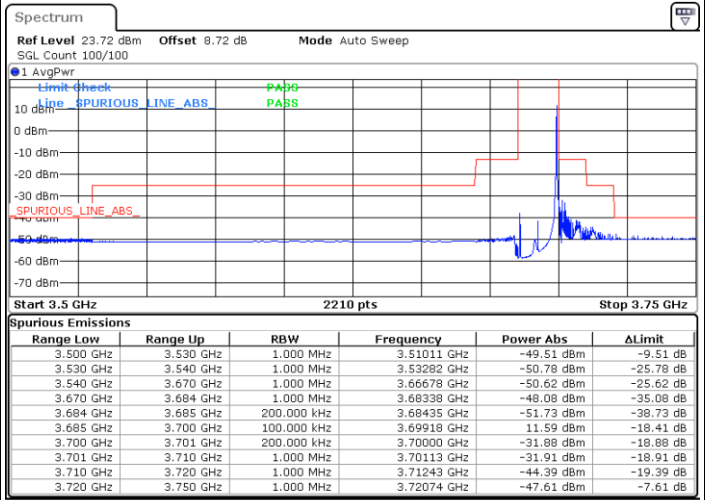
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



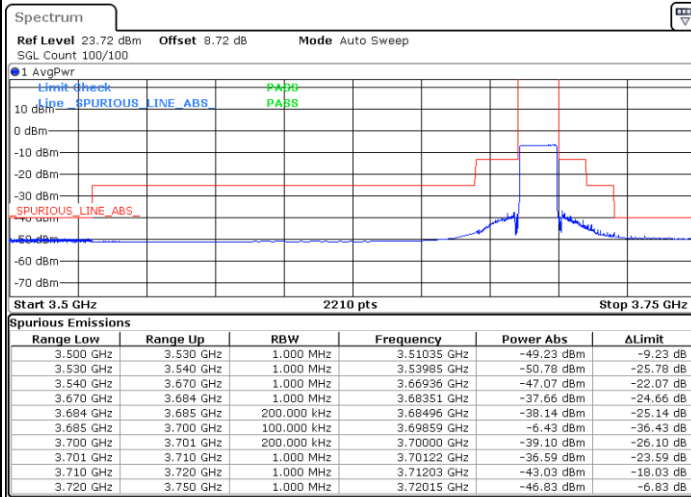
Date: 19.JUN.2022 04:14:23



Date: 19.JUN.2022 04:16:15

Highest Channel / FullIRB

N/A



Date: 19.JUN.2022 04:12:41

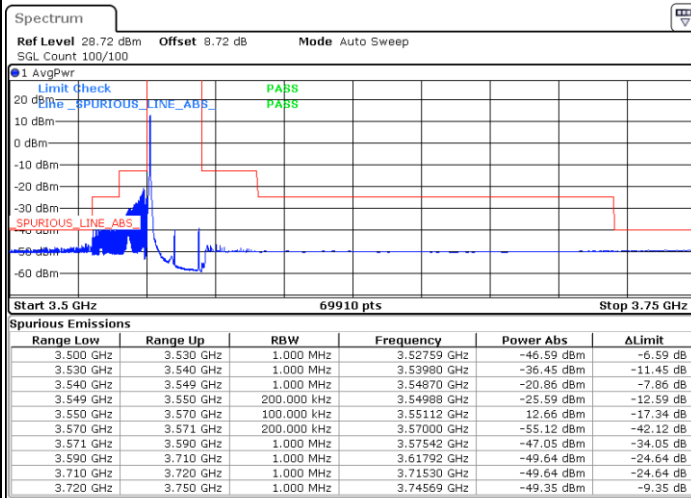


LTE Band 48 / 20MHz

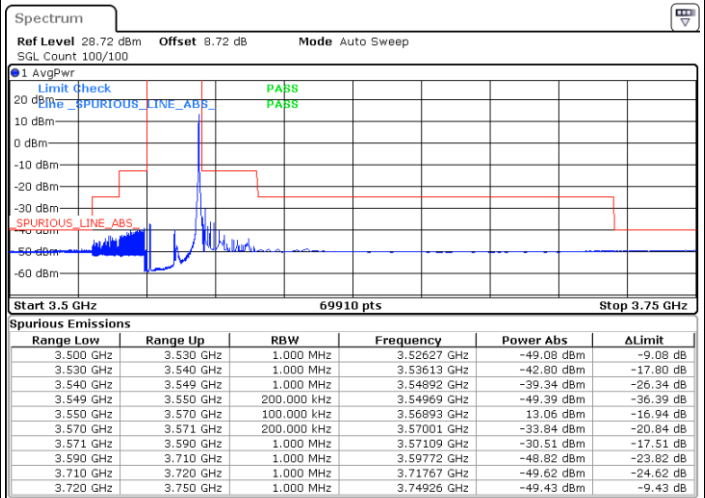
256QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



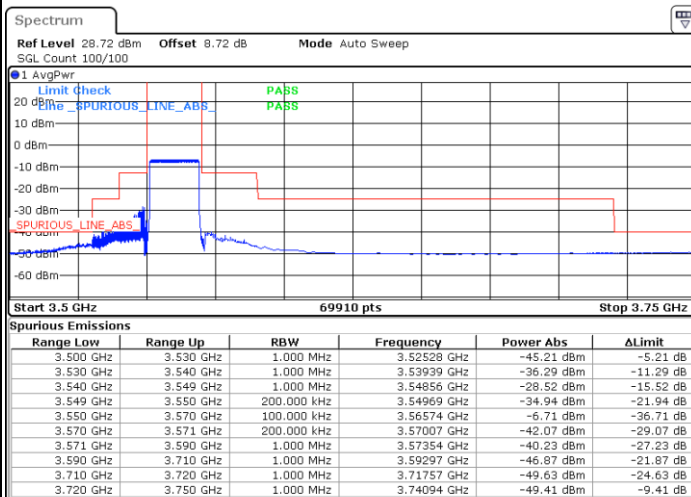
Date: 19.JUN.2022 03:32:49



Date: 19.JUN.2022 03:35:11

Lowest Channel / FullRB

N/A



Date: 19.JUN.2022 03:38:07

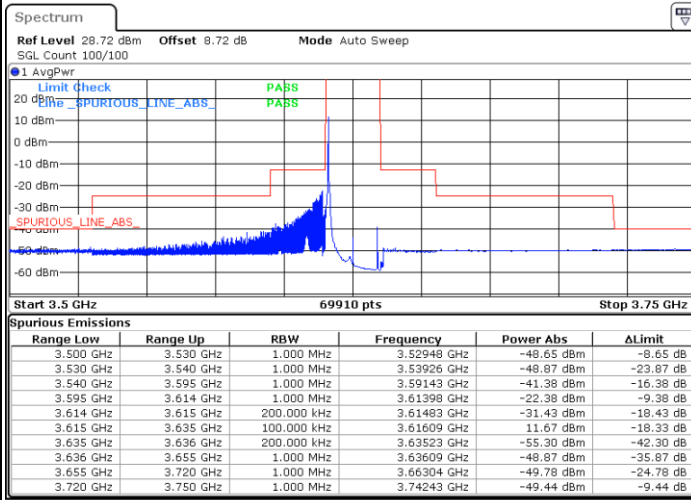


LTE Band 48 / 20MHz

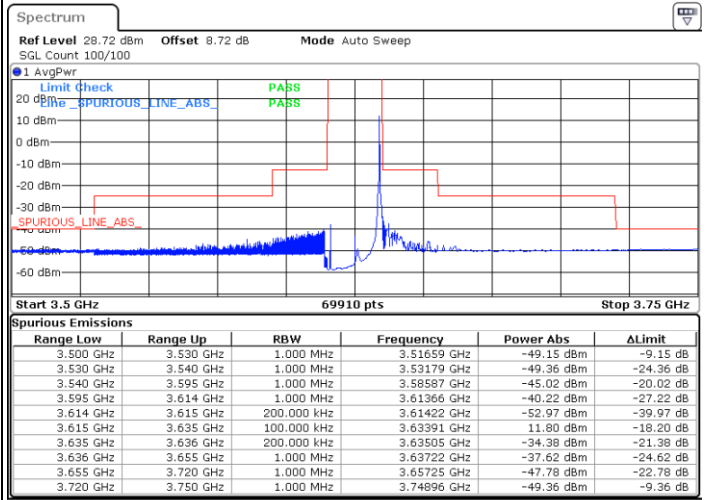
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



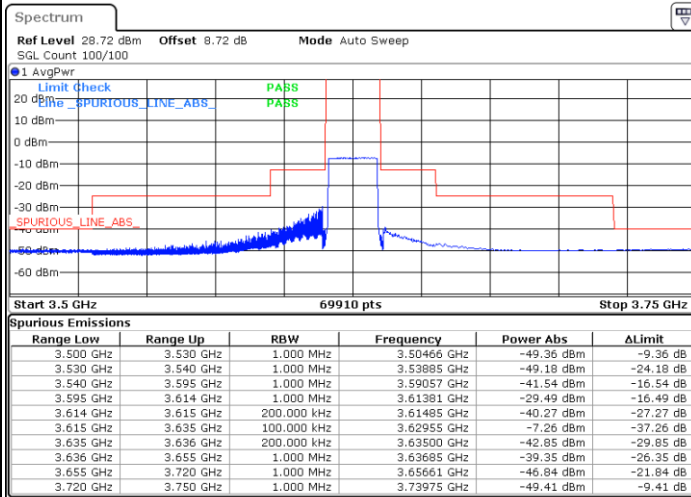
Date: 19.JUN.2022 03:26:51



Date: 19.JUN.2022 03:29:27

Middle Channel / FullIRB

N/A



Date: 19.JUN.2022 03:24:40

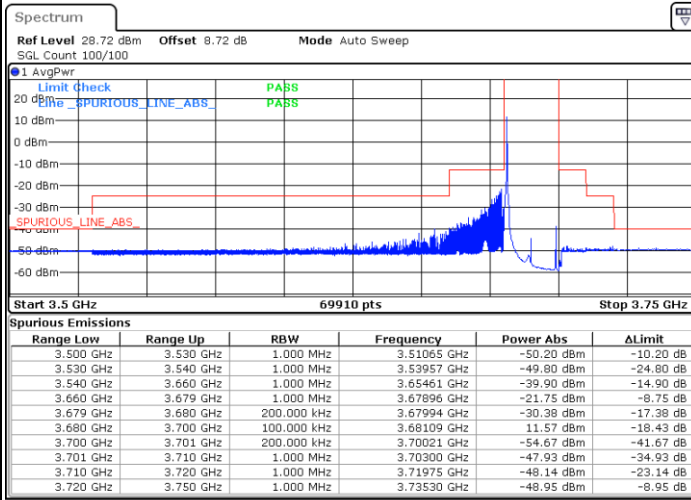


LTE Band 48 / 20MHz

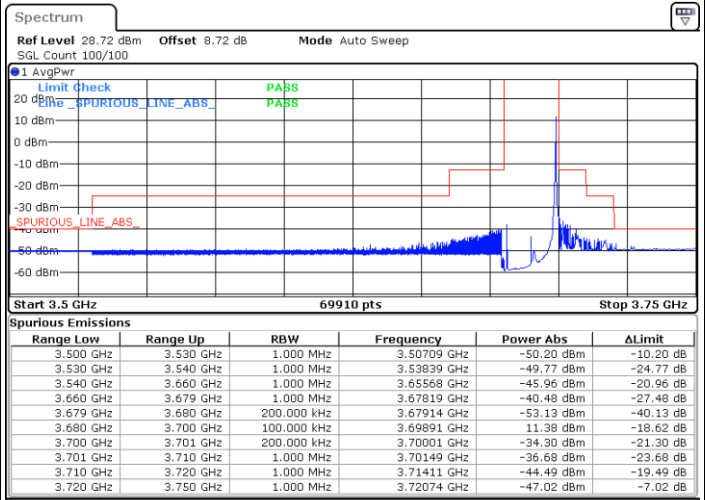
256QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



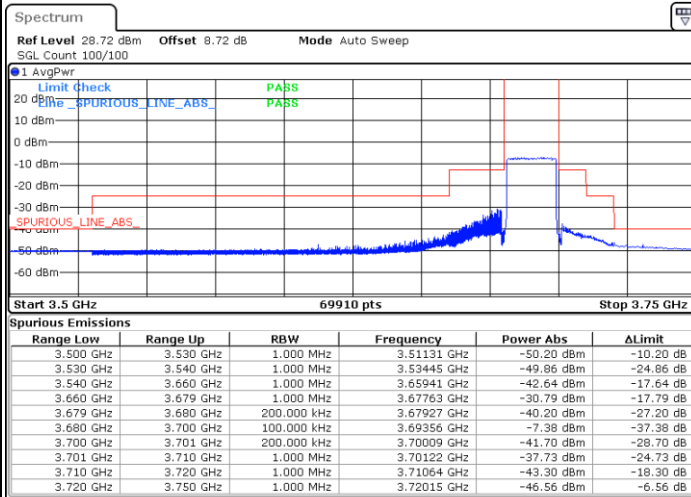
Date: 19.JUN.2022 03:17:57



Date: 19.JUN.2022 03:12:52

Highest Channel / FullIRB

N/A



Date: 19.JUN.2022 03:19:40



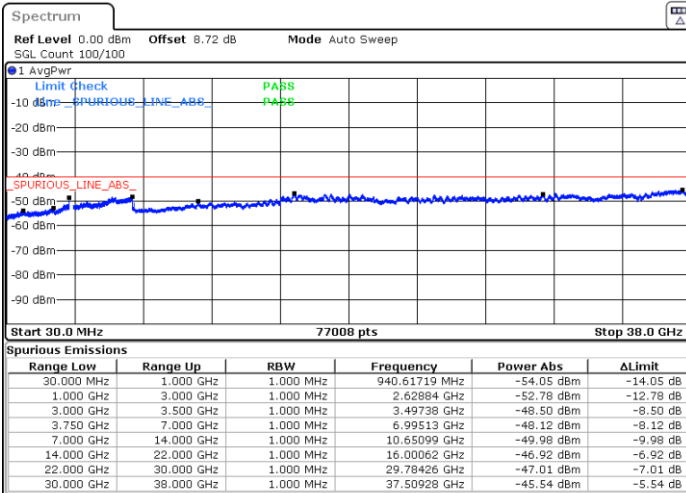
Conducted Spurious Emission

LTE Band 48 / 5MHz

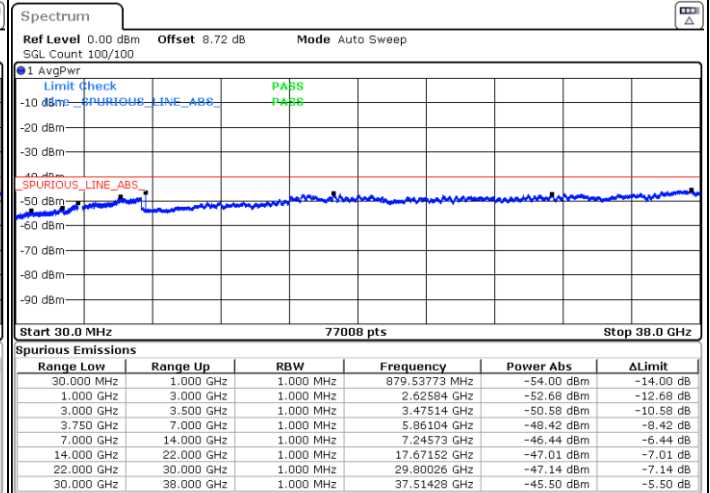
QPSK / 1RB0

Lowest Channel

Middle Channel

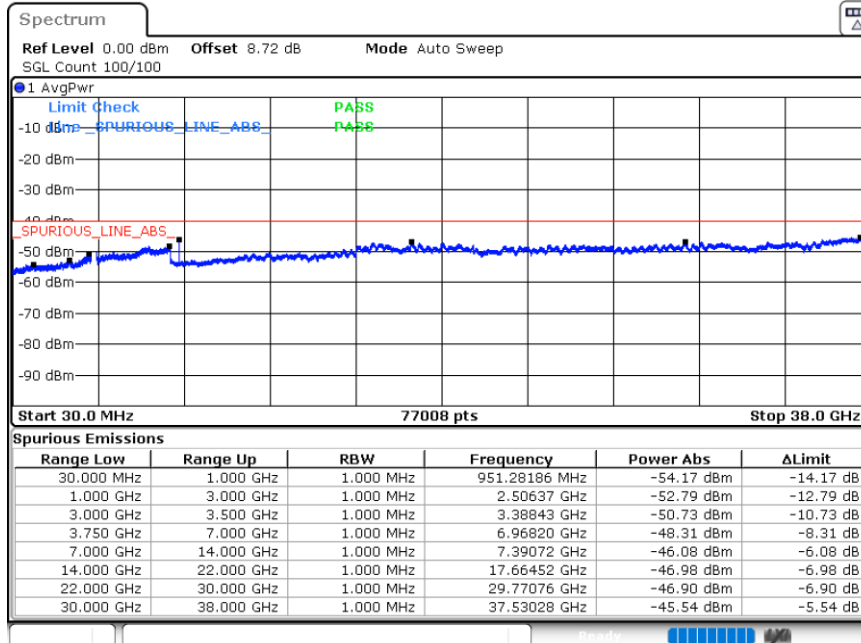


Date: 18.JUN.2022 03:19:48



Date: 18.JUN.2022 03:21:48

Highest Channel



Date: 18.JUN.2022 03:23:49

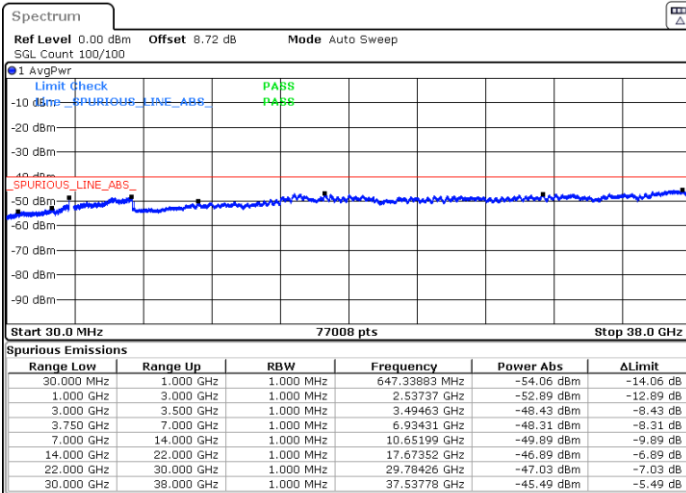


LTE Band 48 / 10MHz

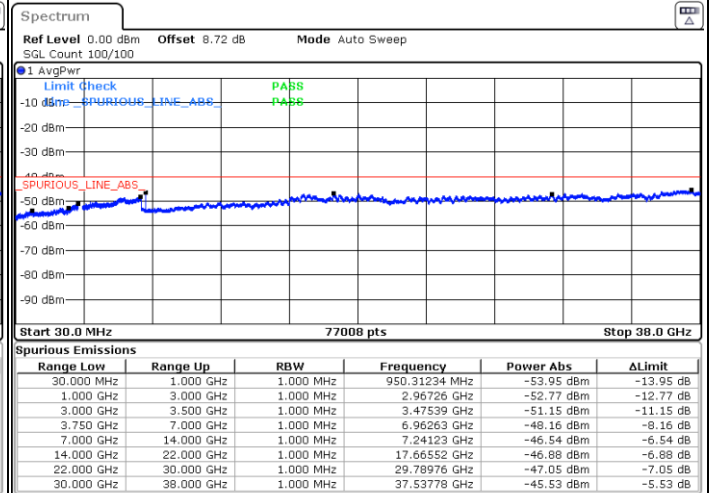
QPSK / 1RB0

Lowest Channel

Middle Channel

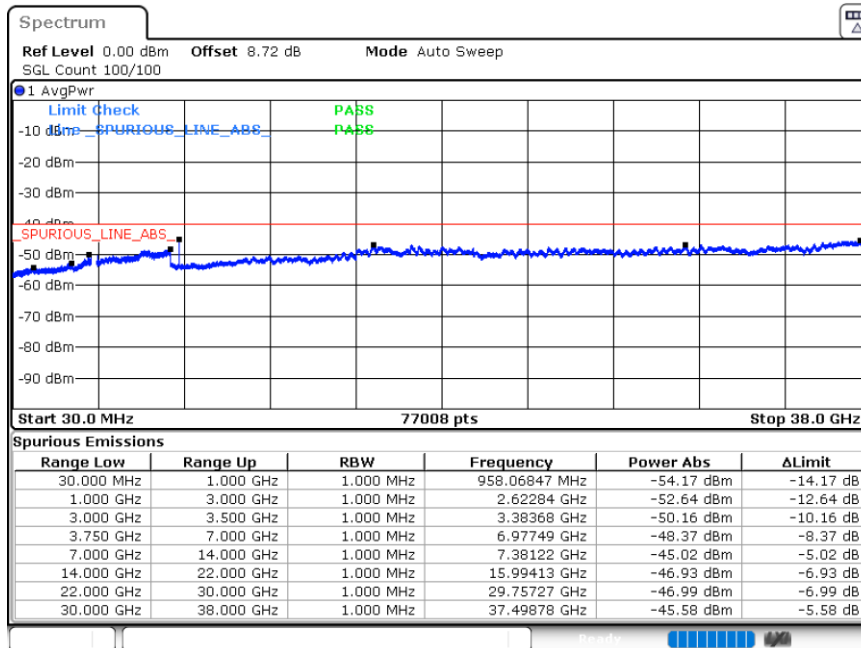


Date: 18.JUN.2022 03:25:50



Date: 18.JUN.2022 03:27:51

Highest Channel



Date: 18.JUN.2022 03:29:51

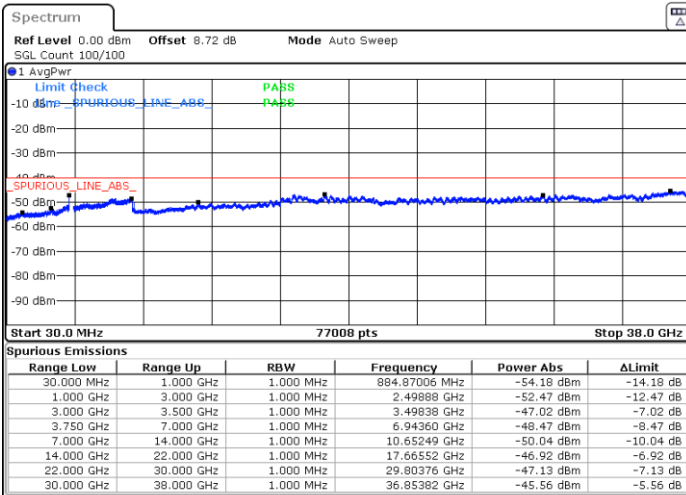


LTE Band 48 / 15MHz

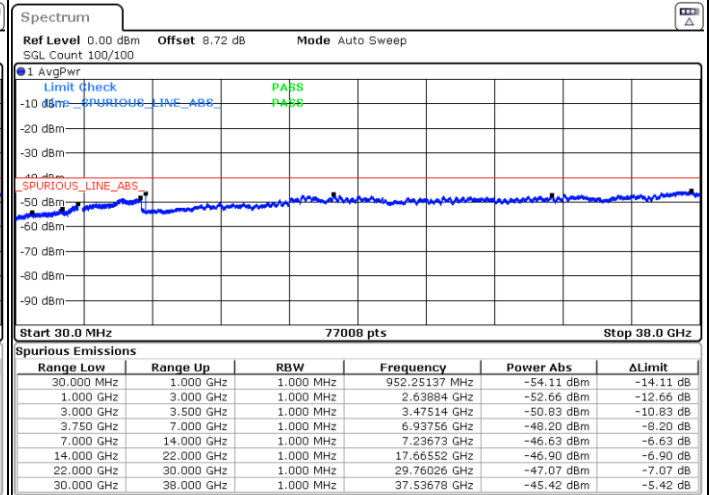
QPSK / 1RB0

Lowest Channel

Middle Channel

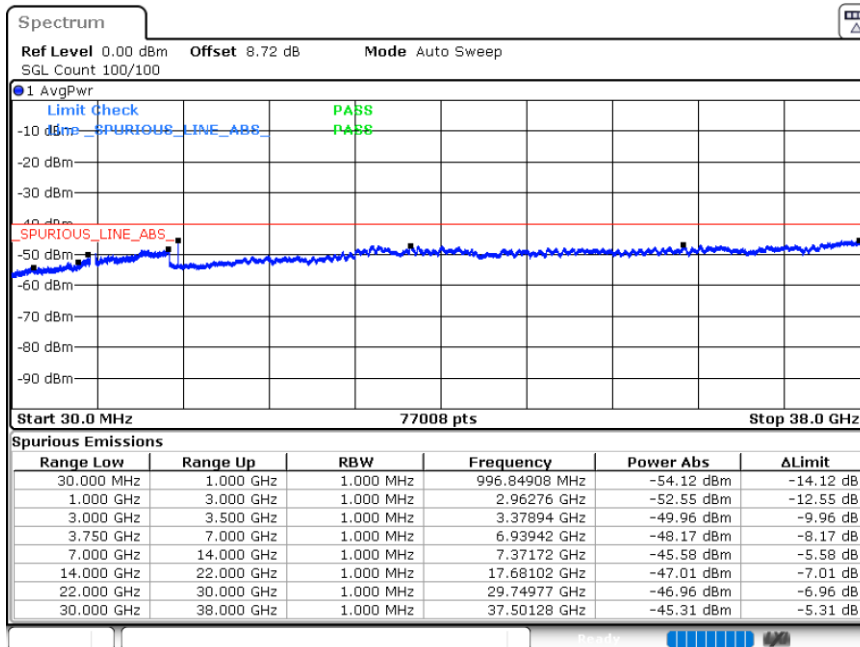


Date: 18.JUN.2022 03:31:53



Date: 18.JUN.2022 03:33:54

Highest Channel



Date: 18.JUN.2022 03:35:54

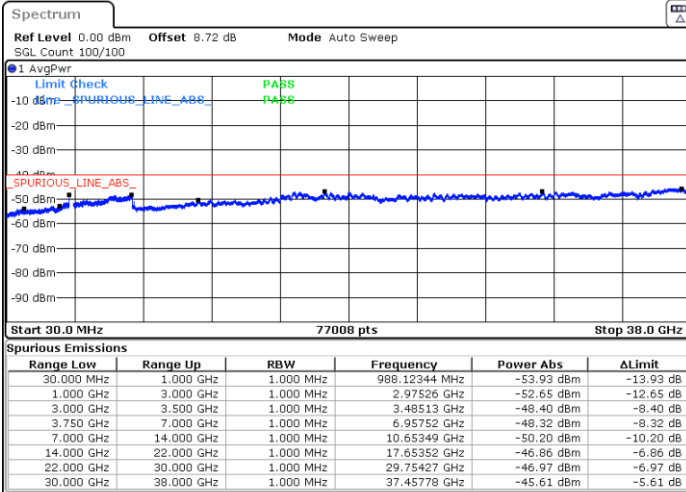


LTE Band 48 / 20MHz

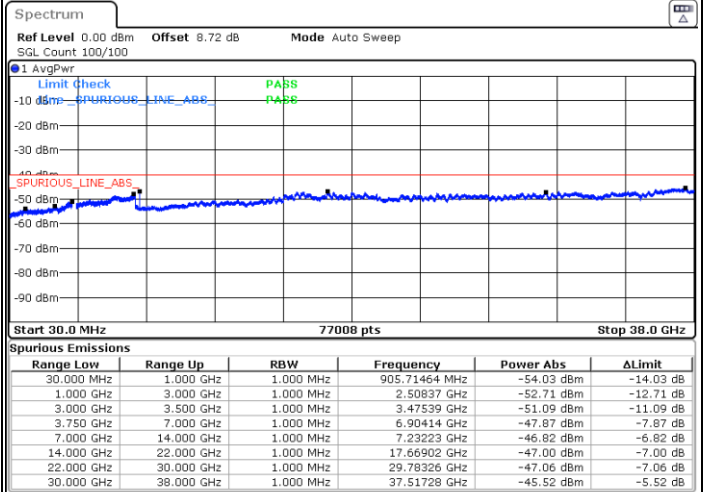
QPSK / 1RB0

Lowest Channel

Middle Channel

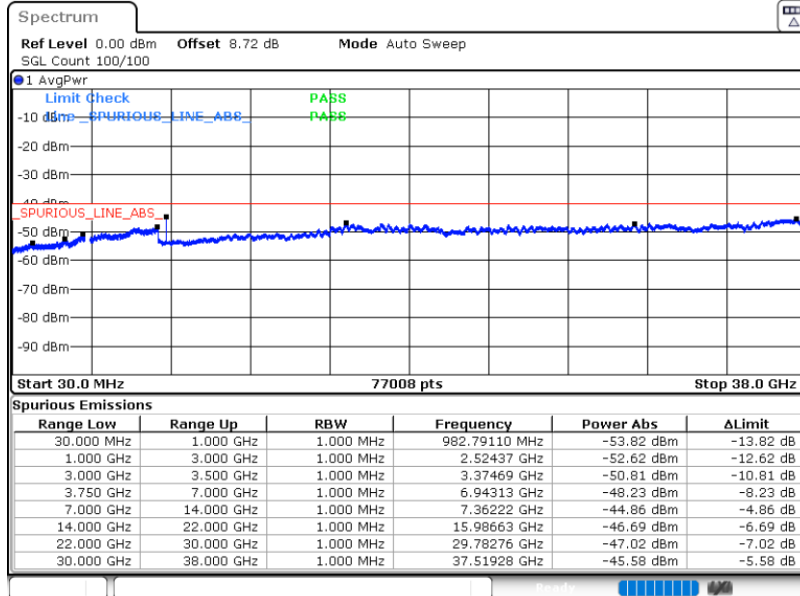


Date: 18.JUN.2022 03:37:56



Date: 18.JUN.2022 03:39:57

Highest Channel



Date: 18.JUN.2022 03:41:58

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	0.0009	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0018	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0004	
20	Battery End Point	0.0013	

Note:

1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.4V. ; Maximum Voltage =4.48 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 48 / 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	7230	-56.63	-40	-16.63	-68.09	2.84	14.30	H
	10848	-44.58	-40	-4.58	-54.52	3.49	13.43	H
	14466	-57.24	-40	-17.24	-67.48	3.85	14.09	H
	7230	-62.00	-40	-22.00	-73.46	2.84	14.30	V
	10848	-49.77	-40	-9.77	-59.71	3.49	13.43	V
	14466	-52.05	-40	-12.05	-62.29	3.85	14.09	V

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