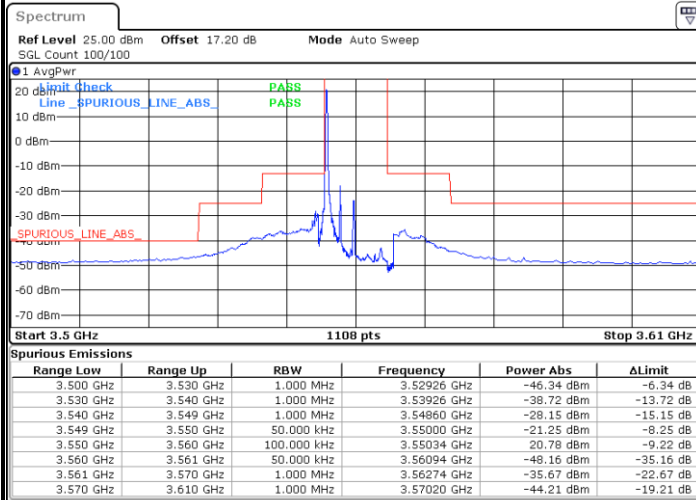




LTE Band 48 / 5MHz

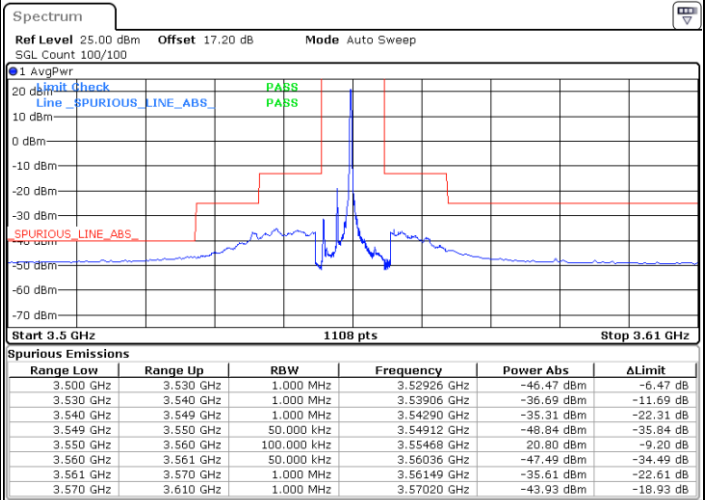
64QAM

Lowest Channel / 1RB0



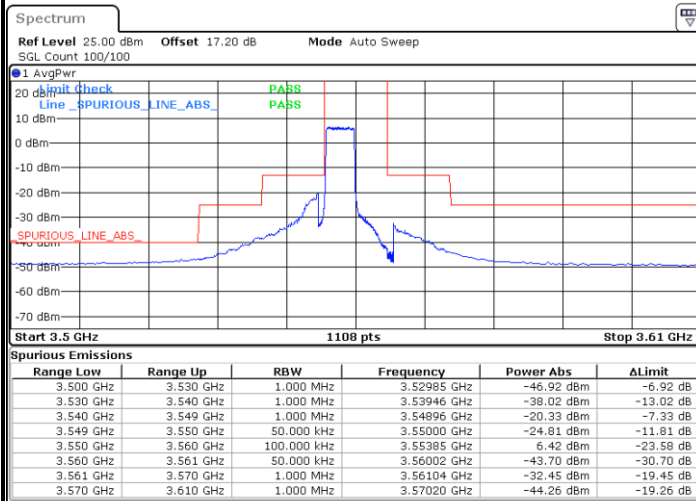
Date: 21.MAR.2022 16:47:19

Lowest Channel / 1RBmax



Date: 21.MAR.2022 17:06:07

Lowest Channel / FullIRB



Date: 21.MAR.2022 16:56:43

N/A

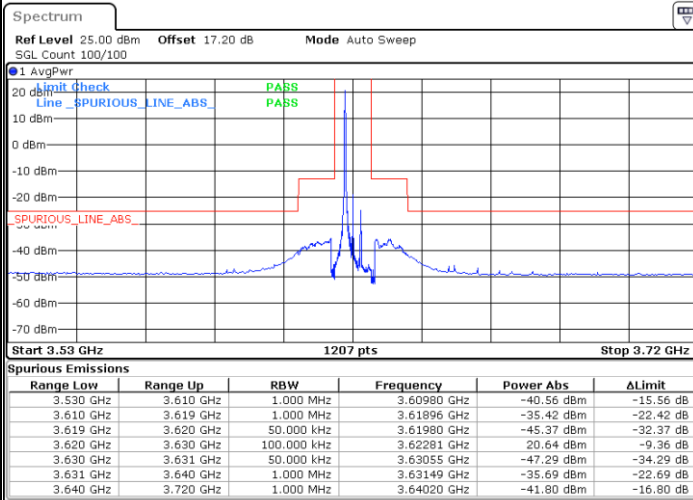


LTE Band 48 / 5MHz

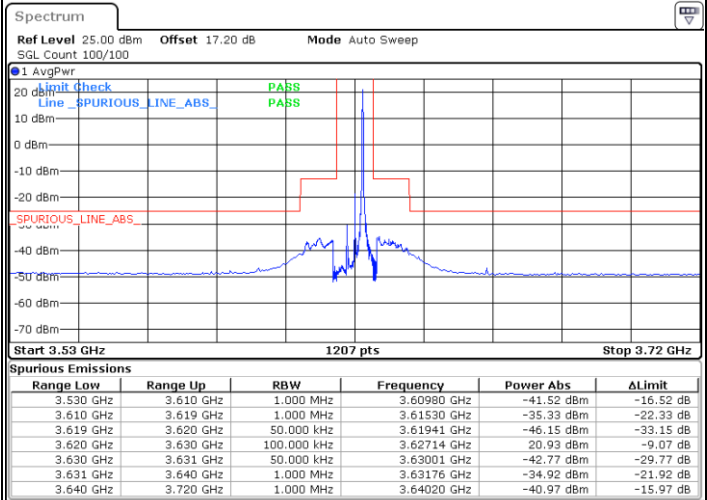
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



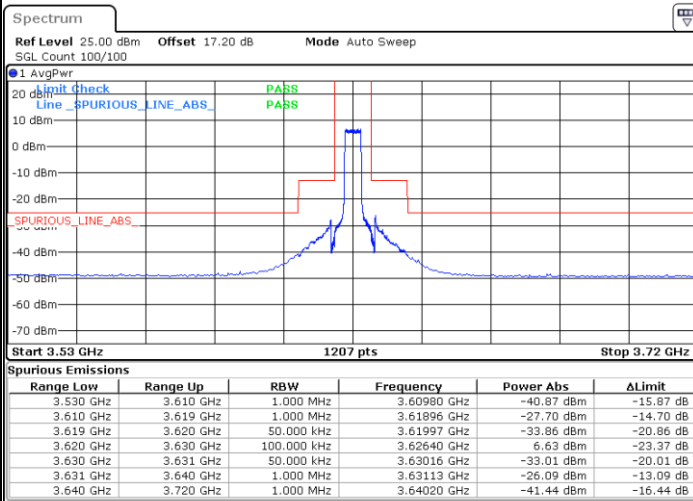
Date: 21.MAR.2022 16:48:22



Date: 21.MAR.2022 17:07:09

Middle Channel / FullRB

N/A



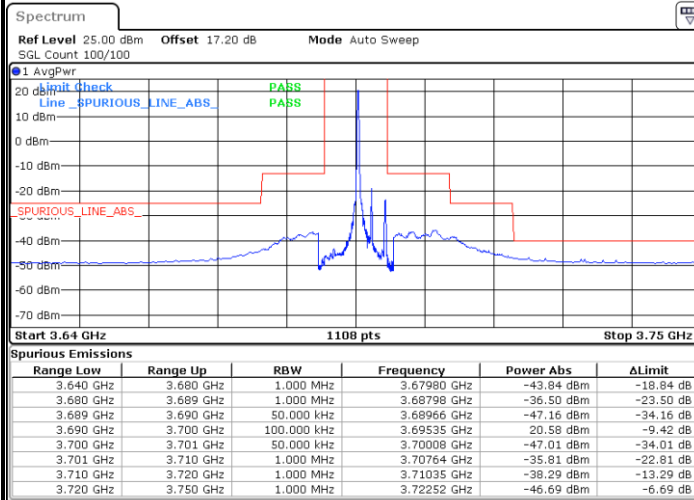
Date: 21.MAR.2022 16:57:46



LTE Band 48 / 5MHz

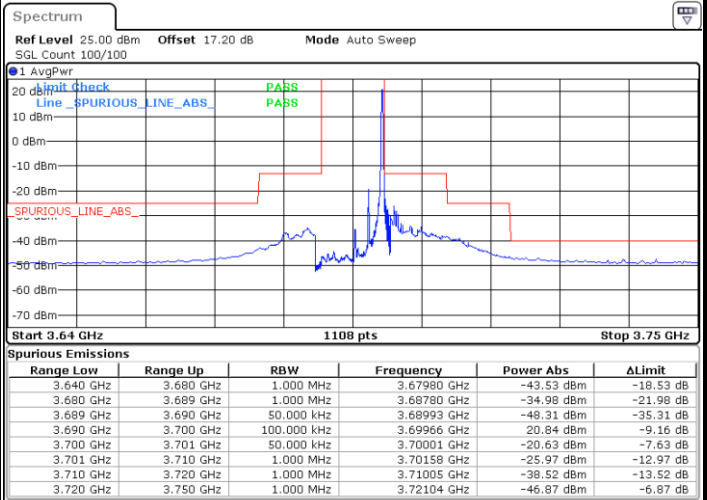
64QAM

Highest Channel / 1RB0



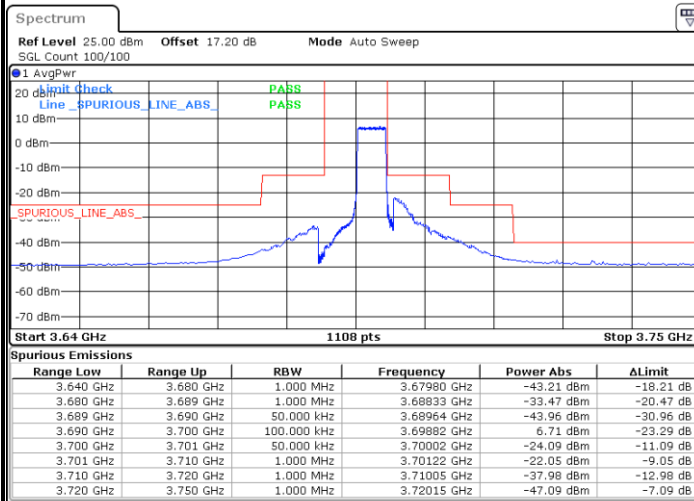
Date: 21.MAR.2022 16:53:35

Highest Channel / 1RBmax



Date: 21.MAR.2022 17:12:22

Highest Channel / FullIRB



Date: 21.MAR.2022 17:02:58

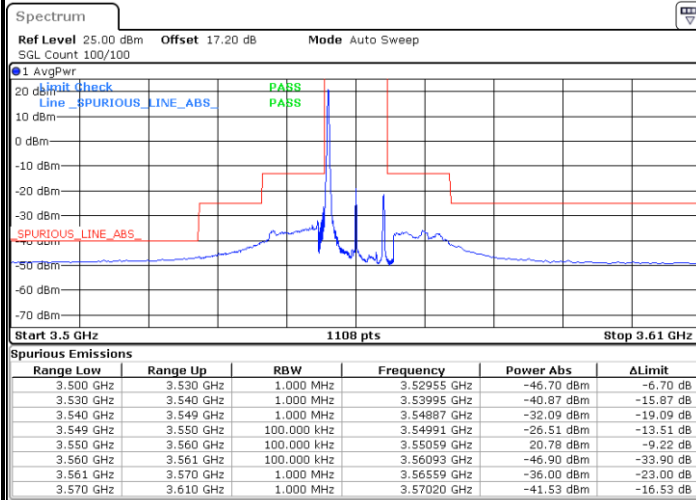
N/A



LTE Band 48 / 10MHz

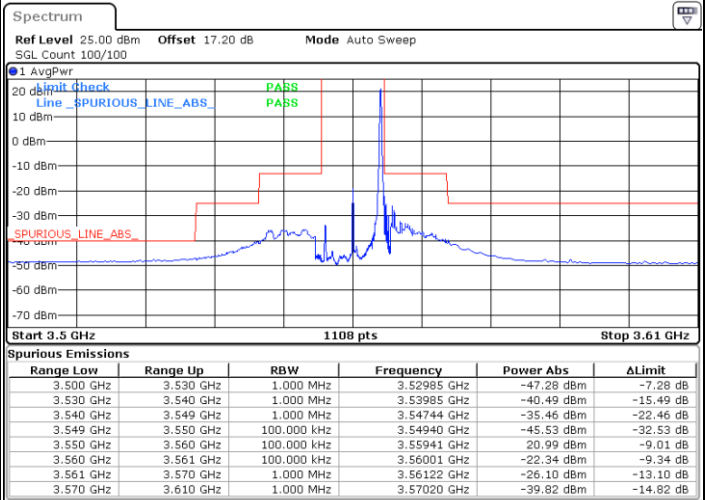
64QAM

Lowest Channel / 1RB0



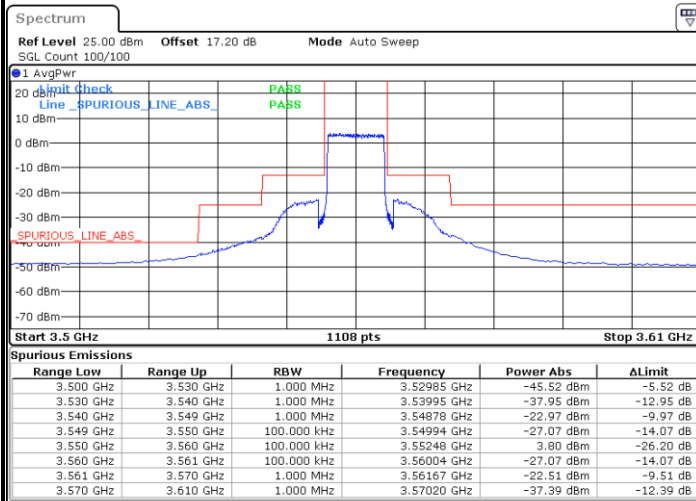
Date: 21.MAR.2022 17:13:59

Lowest Channel / 1RBmax



Date: 21.MAR.2022 17:32:47

Lowest Channel / FullIRB



Date: 21.MAR.2022 17:23:23

N/A

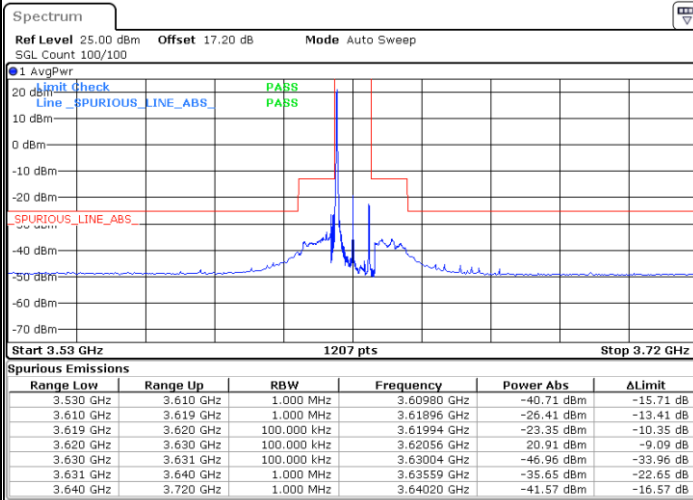


LTE Band 48 / 10MHz

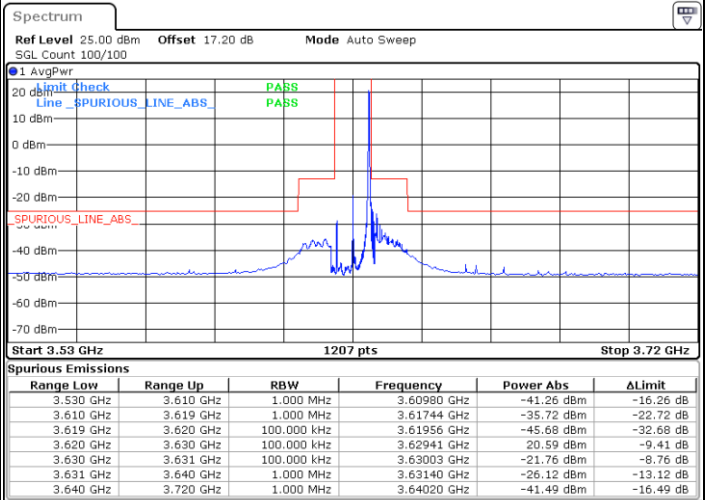
64QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



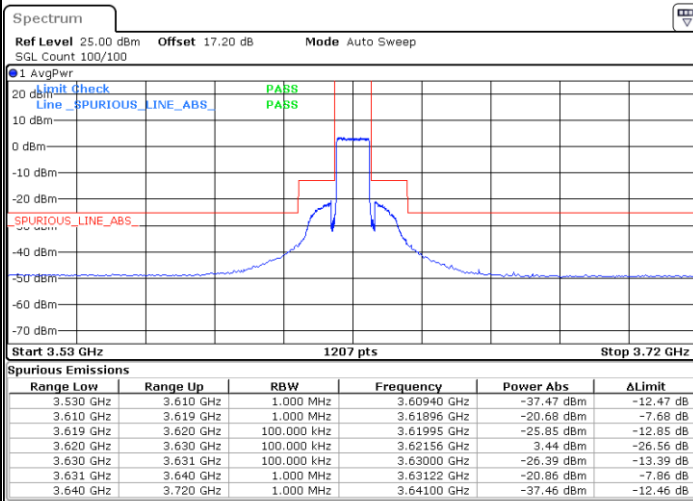
Date: 21.MAR.2022 17:19:12



Date: 21.MAR.2022 17:38:00

Middle Channel / FullRB

N/A



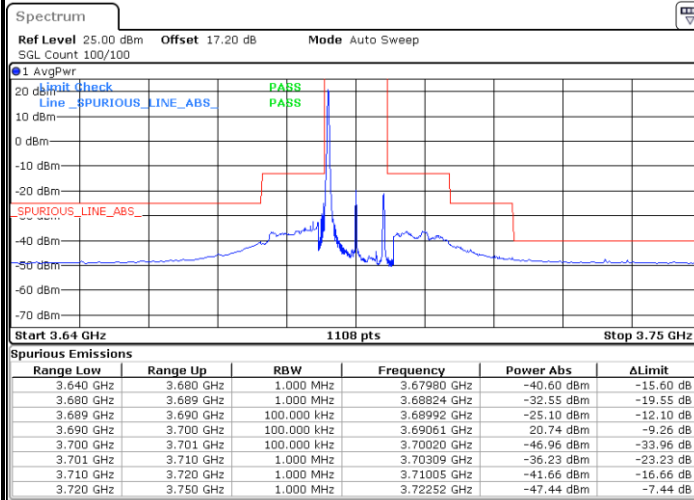
Date: 21.MAR.2022 17:28:36



LTE Band 48 / 10MHz

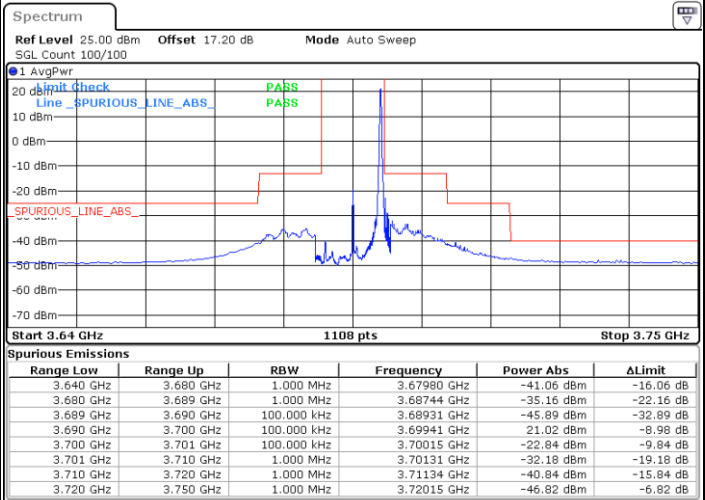
64QAM

Highest Channel / 1RB0



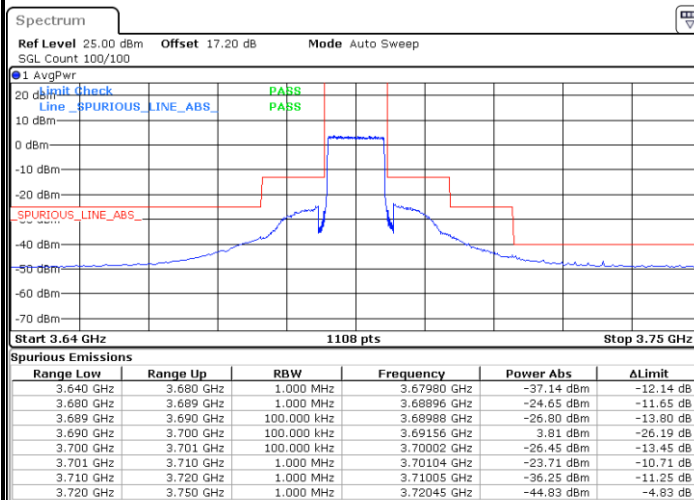
Date: 21.MAR.2022 17:20:15

Highest Channel / 1RBmax



Date: 21.MAR.2022 17:39:02

Highest Channel / FullIRB



Date: 21.MAR.2022 17:29:38

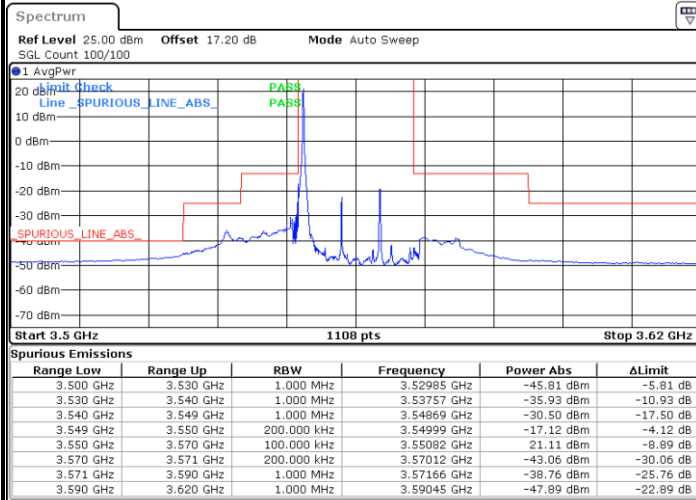
N/A



LTE Band 48 / 15MHz

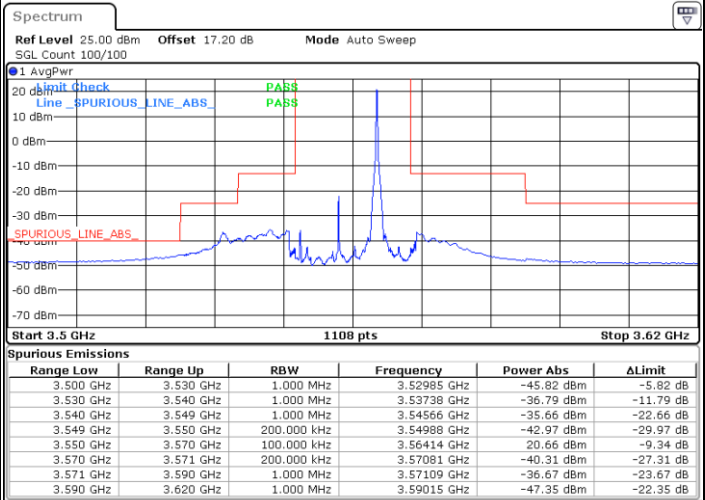
64QAM

Lowest Channel / 1RB0



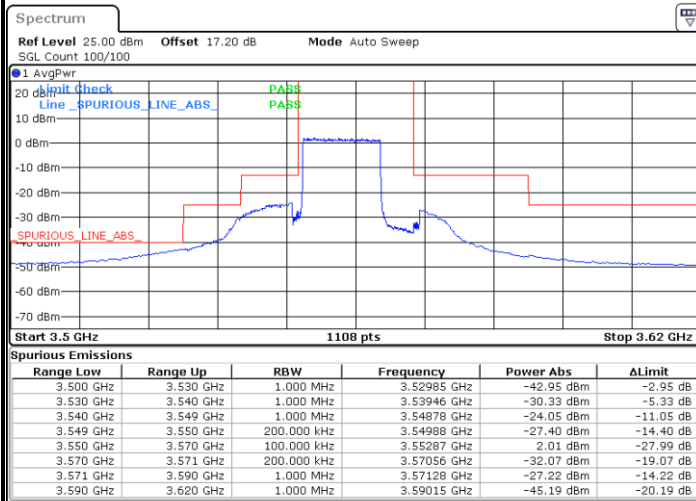
Date: 21.MAR.2022 17:51:23

Lowest Channel / 1RBmax



Date: 21.MAR.2022 18:10:11

Lowest Channel / FullIRB



Date: 21.MAR.2022 18:00:47

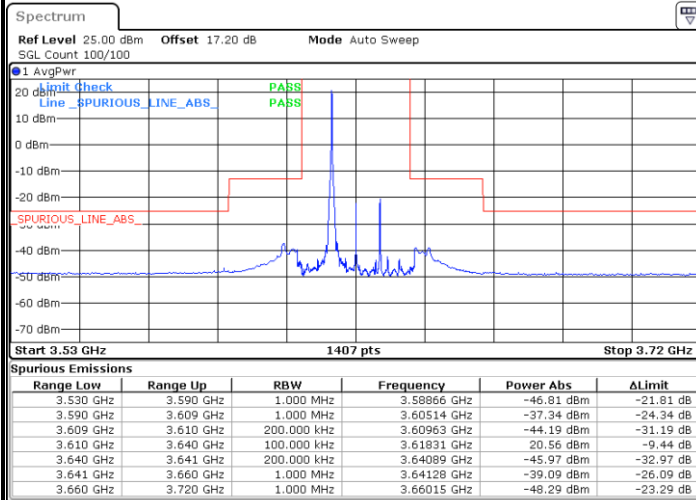
N/A



LTE Band 48 / 15MHz

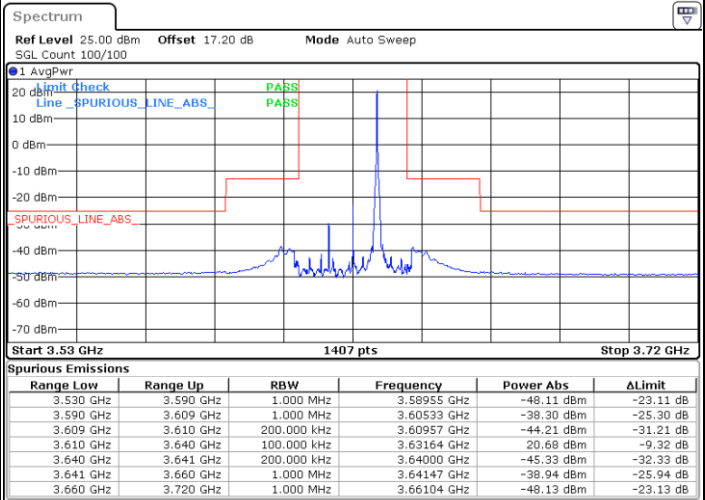
64QAM

Middle Channel / 1RB0



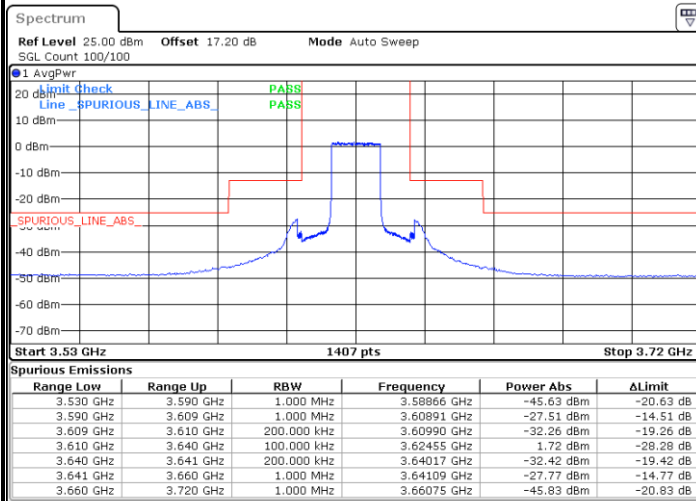
Date: 21.MAR.2022 17:52:25

Middle Channel / 1RBmax



Date: 21.MAR.2022 18:11:14

Middle Channel / FullRB



Date: 21.MAR.2022 18:01:50

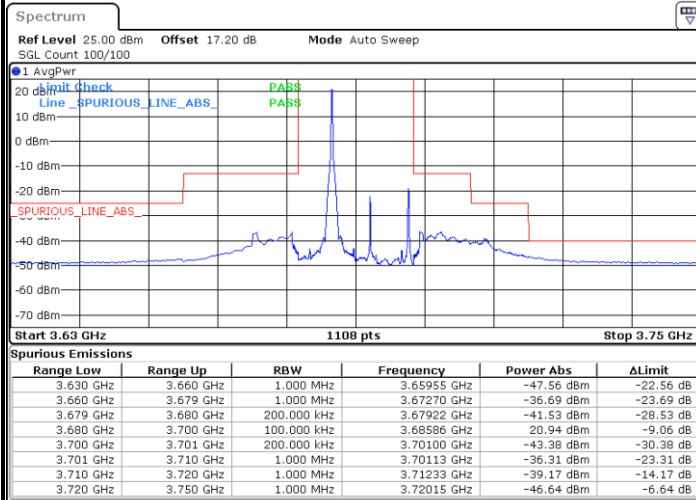
N/A



LTE Band 48 / 15MHz

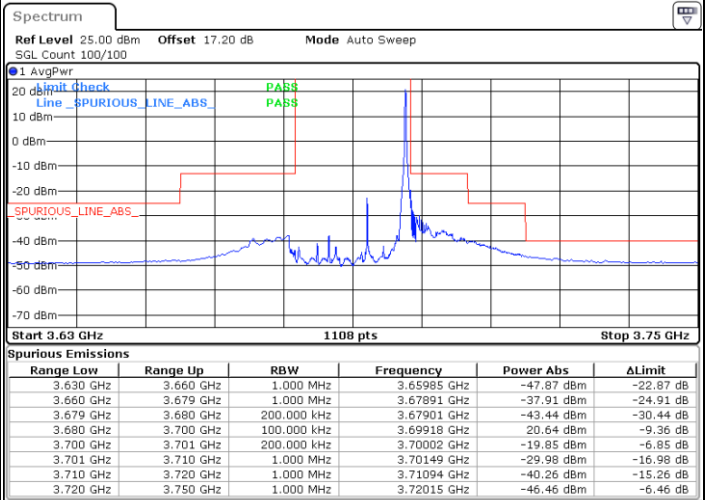
64QAM

Highest Channel / 1RB0



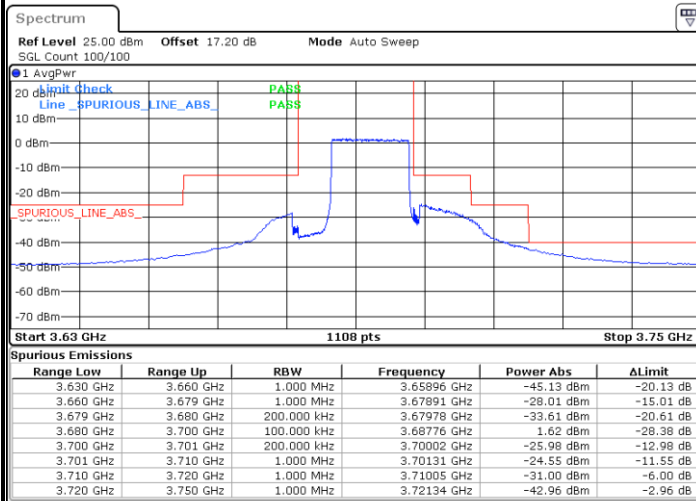
Date: 21.MAR.2022 17:57:38

Highest Channel / 1RBmax



Date: 21.MAR.2022 18:16:27

Highest Channel / FullIRB



Date: 21.MAR.2022 18:07:02

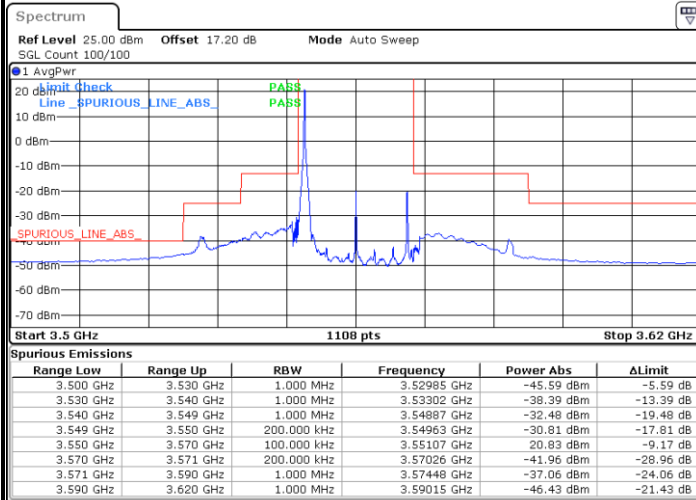
N/A



LTE Band 48 / 20MHz

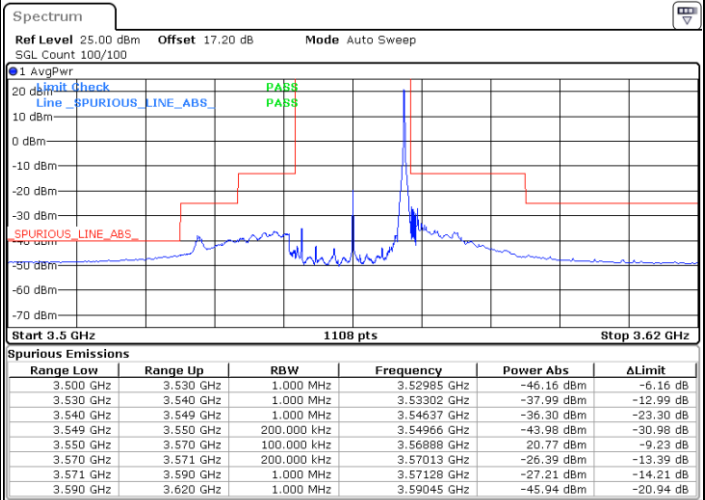
64QAM

Lowest Channel / 1RB0



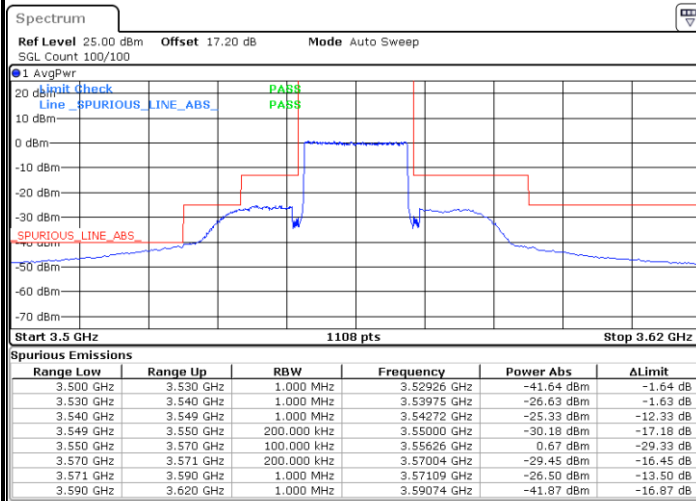
Date: 21.MAR.2022 18:51:21

Lowest Channel / 1RBmax



Date: 21.MAR.2022 19:00:46

Lowest Channel / FullRB



Date: 21.MAR.2022 19:19:52

N/A

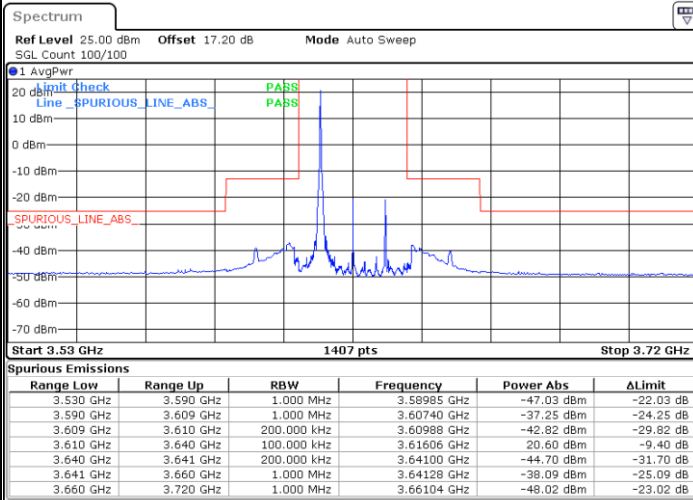


LTE Band 48 / 20MHz

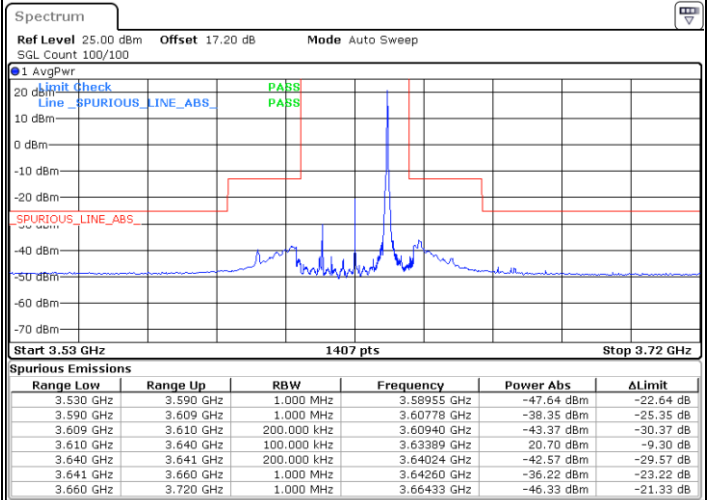
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



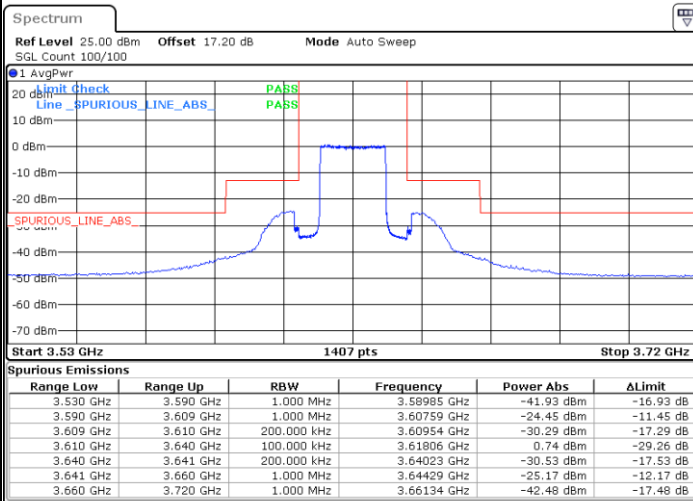
Date: 21.MAR.2022 18:56:35



Date: 21.MAR.2022 19:06:00

Middle Channel / FullRB

N/A



Date: 21.MAR.2022 18:47:09

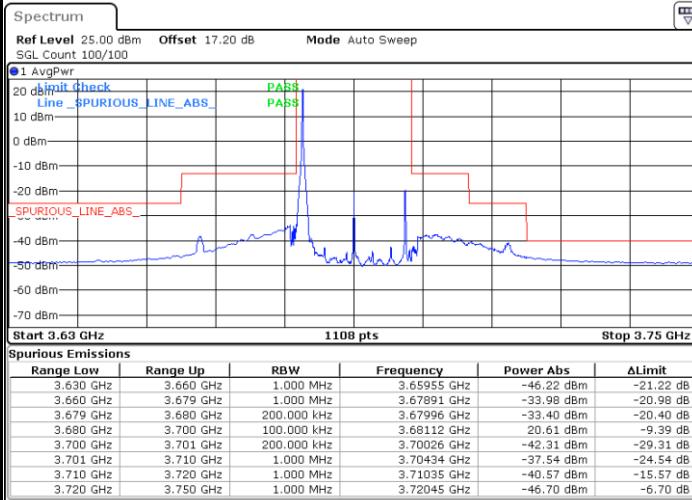


LTE Band 48 / 20MHz

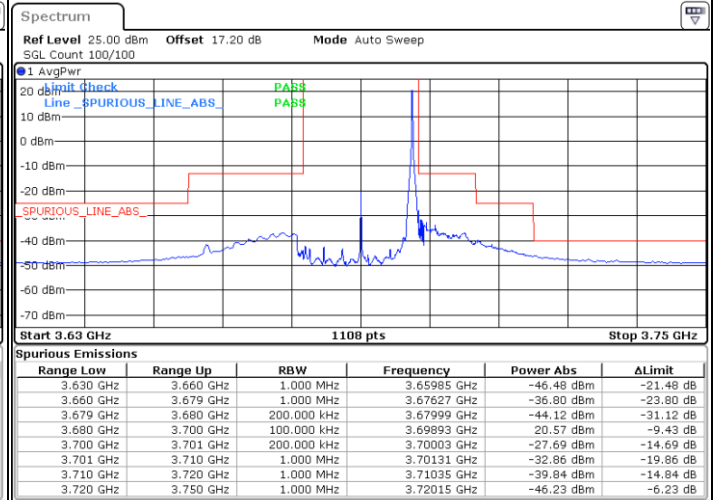
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



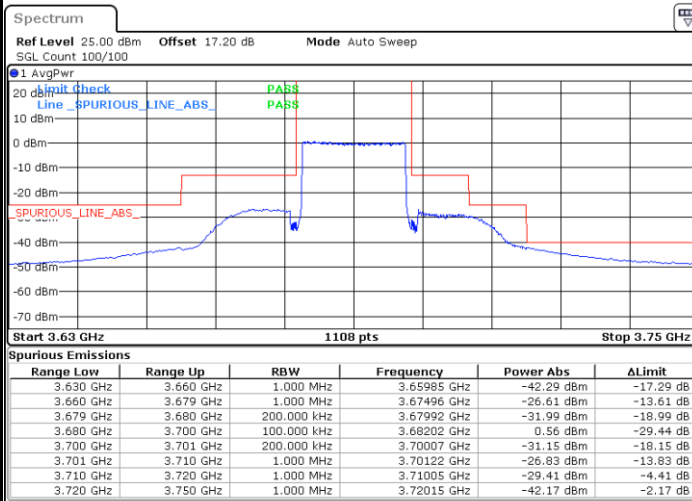
Date: 21.MAR.2022 18:57:37



Date: 21.MAR.2022 19:07:02

Highest Channel / FullIRB

N/A



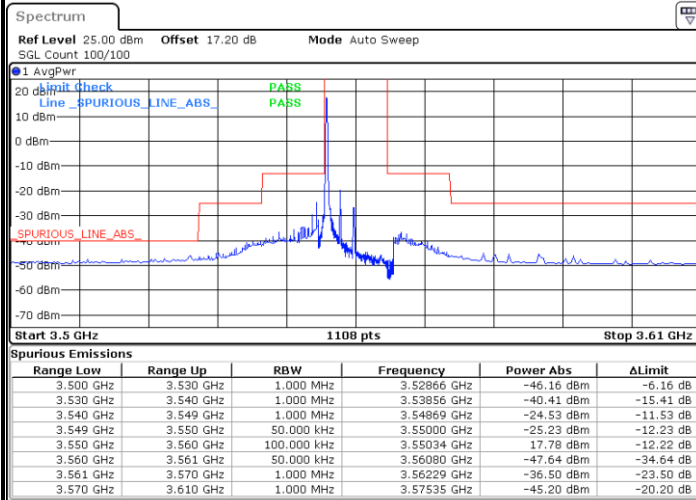
Date: 20.MAY.2022 11:59:32



LTE Band 48 / 5MHz

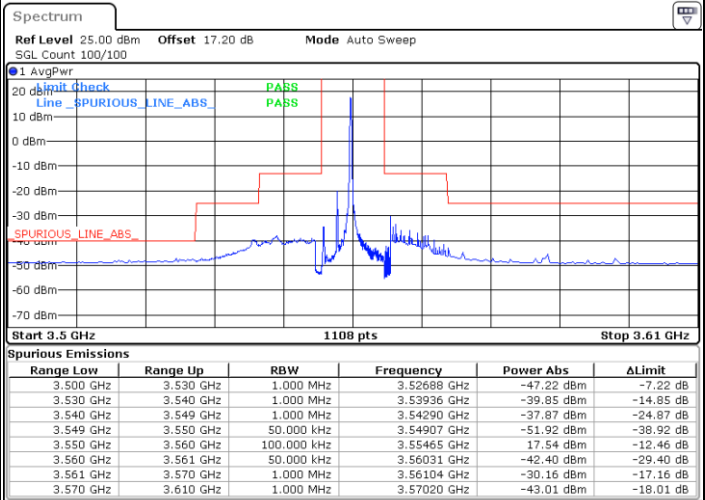
256QAM

Lowest Channel / 1RB0



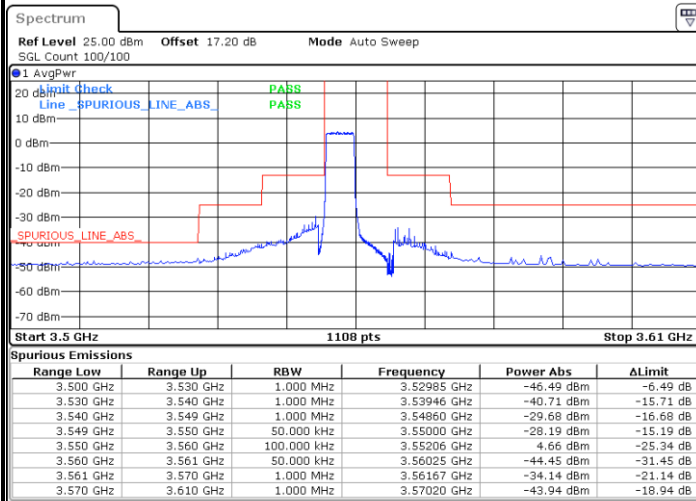
Date: 21.MAR.2022 19:30:04

Lowest Channel / 1RBmax



Date: 21.MAR.2022 19:31:55

Lowest Channel / FullIRB



Date: 21.MAR.2022 19:33:55

N/A

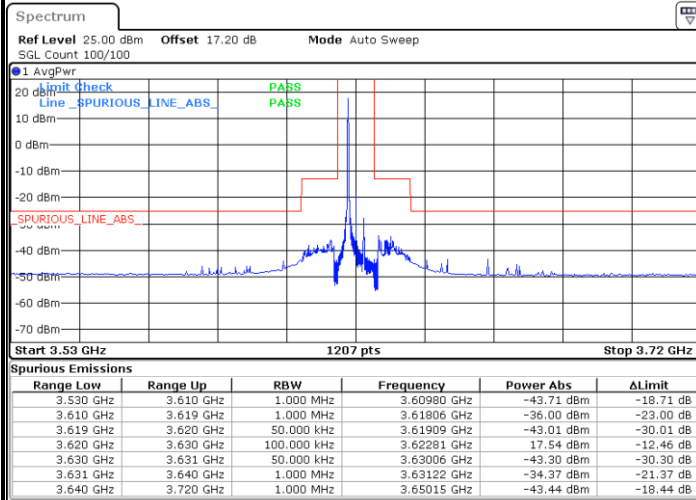


LTE Band 48 / 5MHz

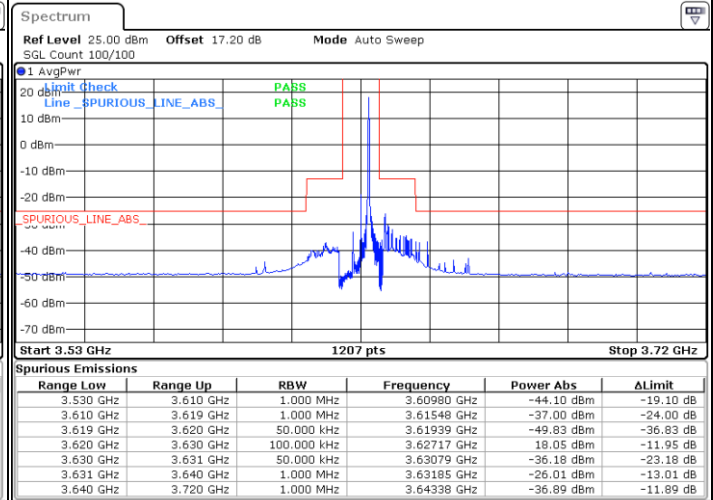
256QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



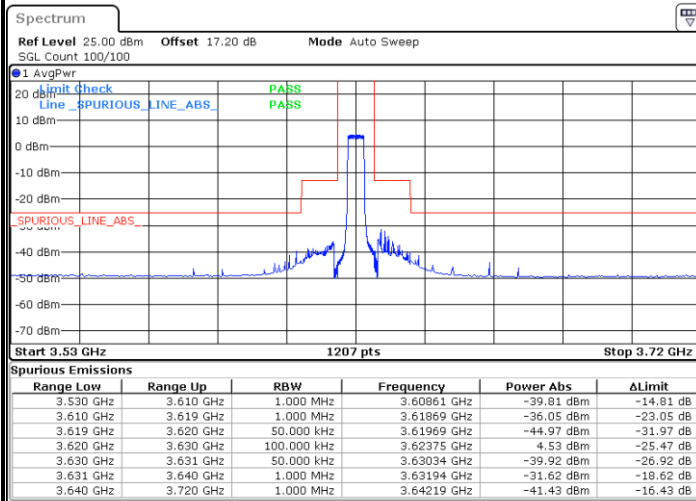
Date: 21.MAR.2022 19:36:10



Date: 21.MAR.2022 19:37:29

Middle Channel / FullRB

N/A



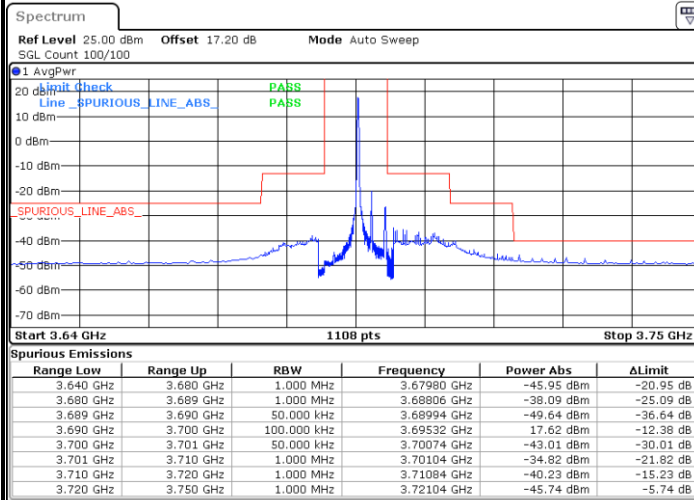
Date: 21.MAR.2022 19:35:33



LTE Band 48 / 5MHz

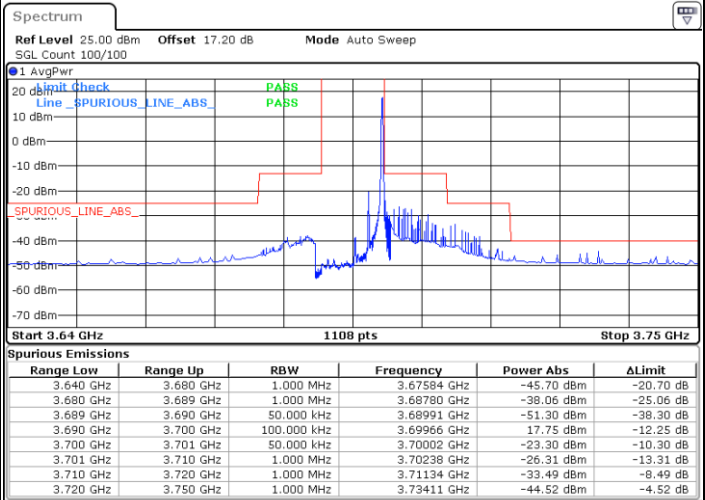
256QAM

Highest Channel / 1RB0



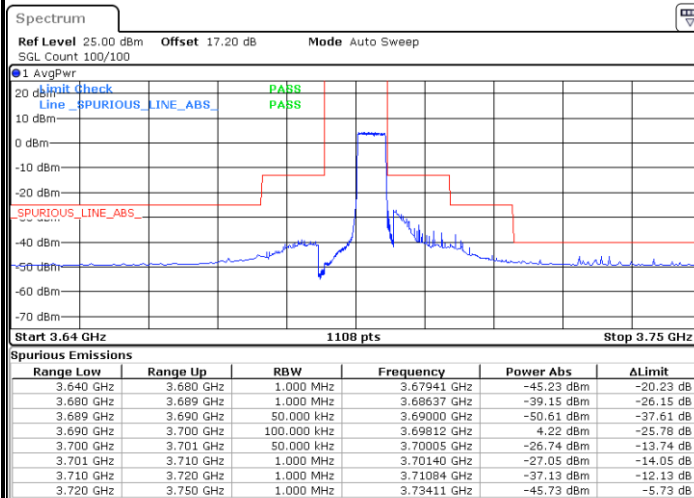
Date: 21.MAR.2022 19:43:37

Highest Channel / 1RBmax



Date: 21.MAR.2022 19:44:50

Highest Channel / FullIRB



Date: 21.MAR.2022 19:41:15

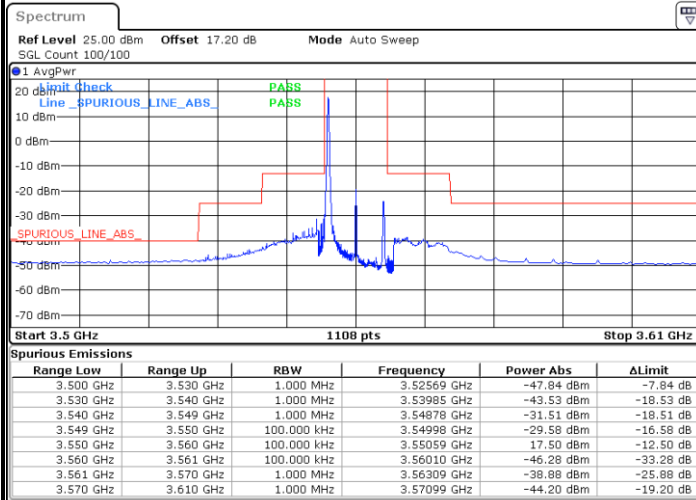
N/A



LTE Band 48 / 10MHz

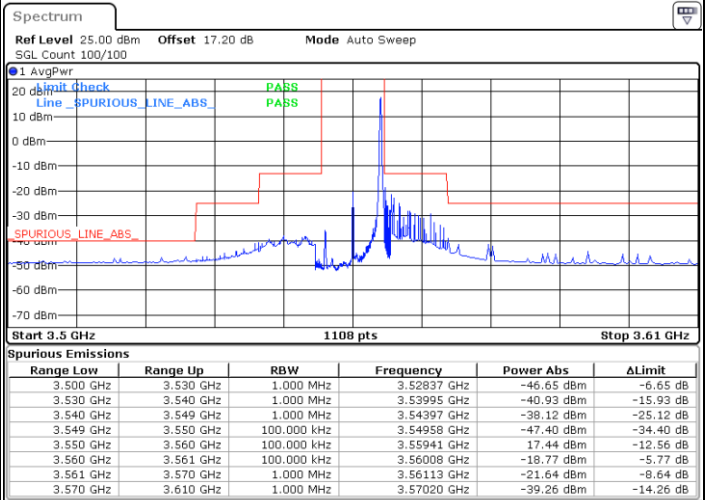
256QAM

Lowest Channel / 1RB0



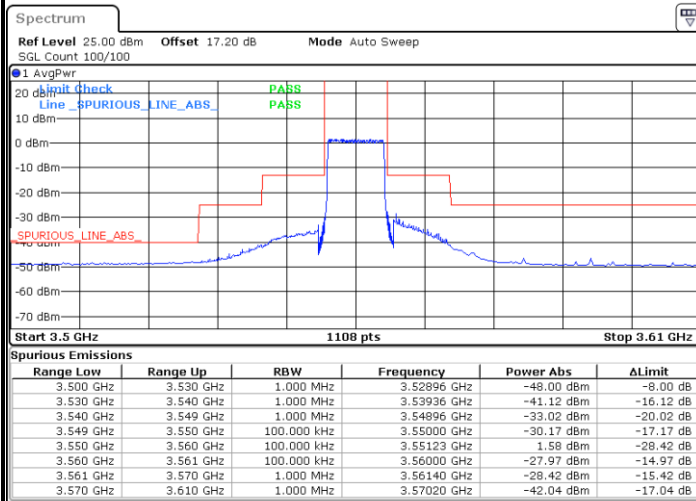
Date: 21.MAR.2022 19:46:22

Lowest Channel / 1RBmax



Date: 21.MAR.2022 19:49:21

Lowest Channel / FullIRB



Date: 21.MAR.2022 19:50:52

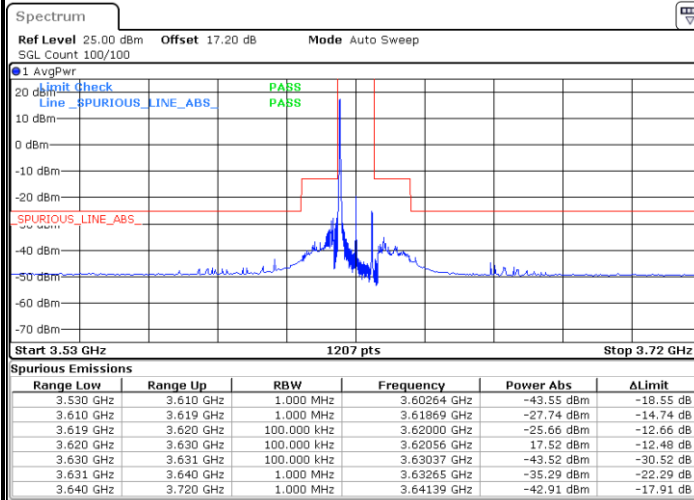
N/A



LTE Band 48 / 10MHz

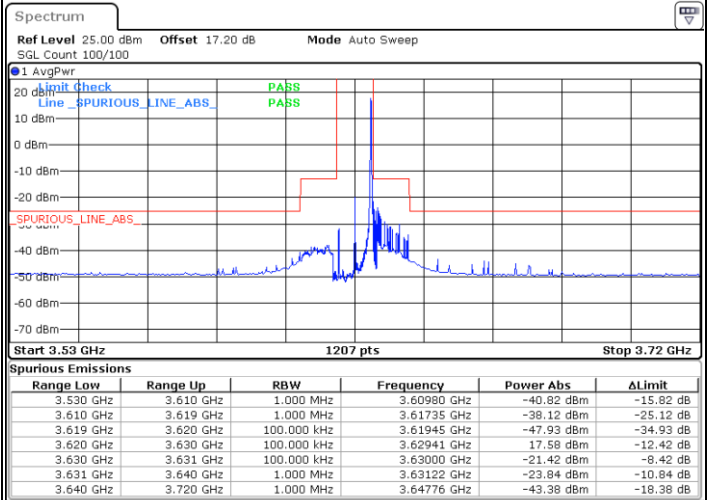
256QAM

MiddleChannel / 1RB0



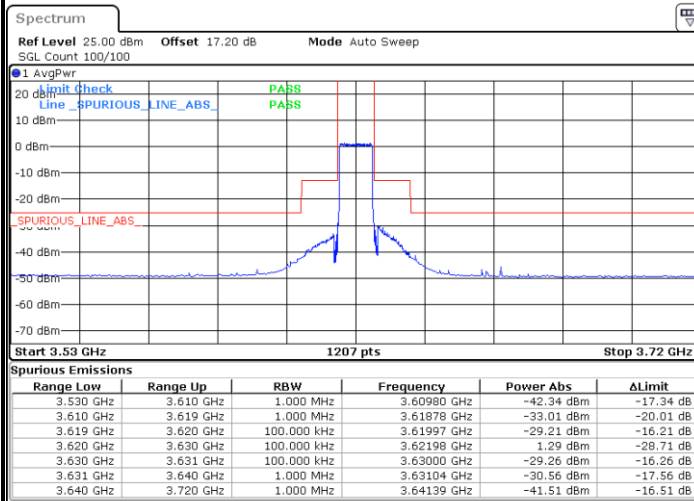
Date: 21.MAR.2022 19:52:10

Middle Channel / 1RBmax



Date: 21.MAR.2022 19:54:20

Middle Channel / FullRB



Date: 21.MAR.2022 19:56:11

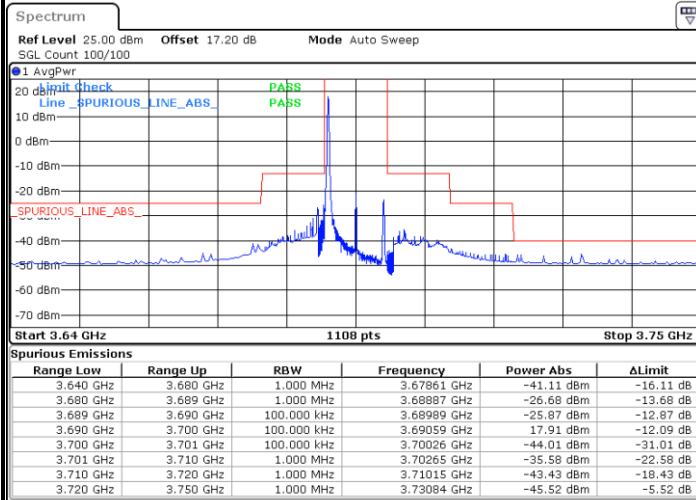
N/A



LTE Band 48 / 10MHz

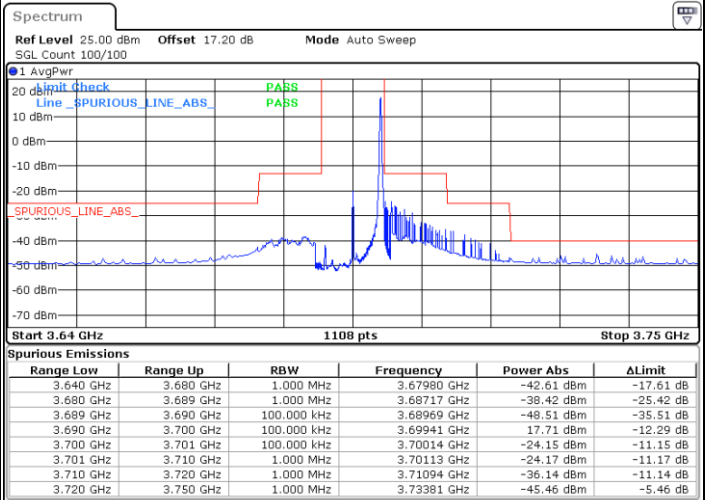
256QAM

Highest Channel / 1RB0



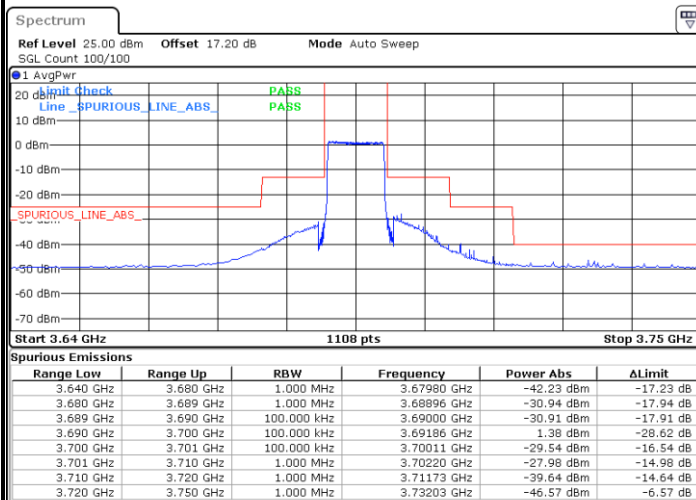
Date: 21.MAR.2022 19:58:33

Highest Channel / 1RBmax



Date: 21.MAR.2022 20:00:42

Highest Channel / FullIRB



Date: 21.MAR.2022 20:02:21

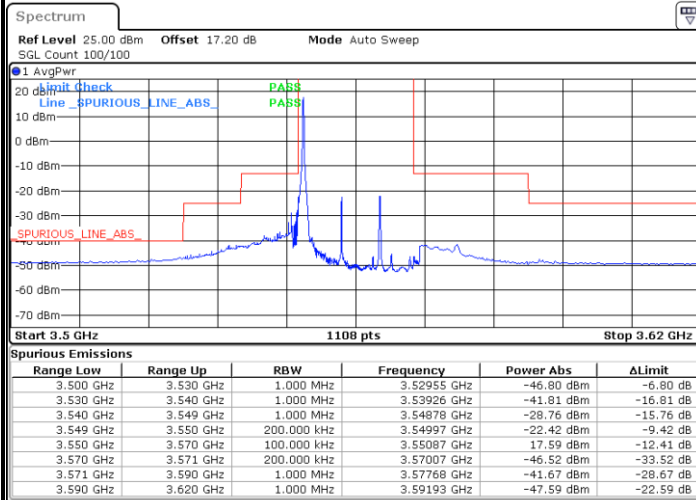
N/A



LTE Band 48 / 15MHz

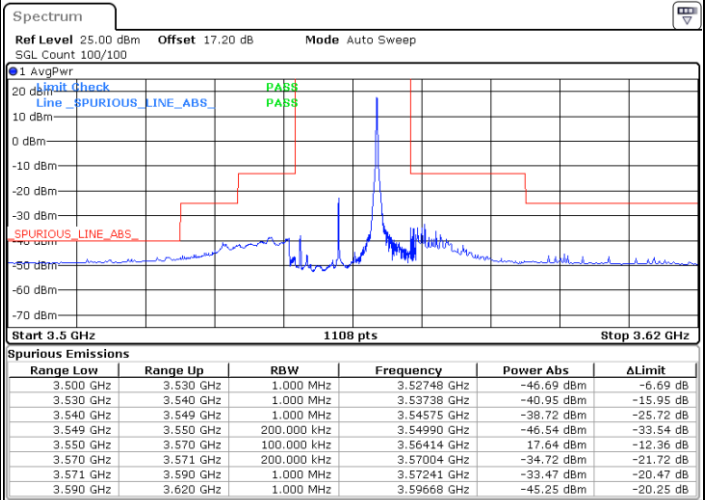
256QAM

Lowest Channel / 1RB0



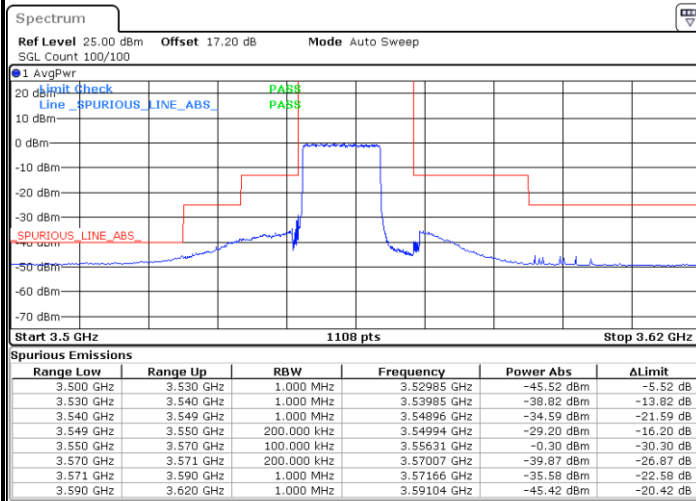
Date: 21.MAR.2022 20:03:56

Lowest Channel / 1RBmax



Date: 21.MAR.2022 20:05:39

Lowest Channel / FullRB



Date: 21.MAR.2022 20:07:33

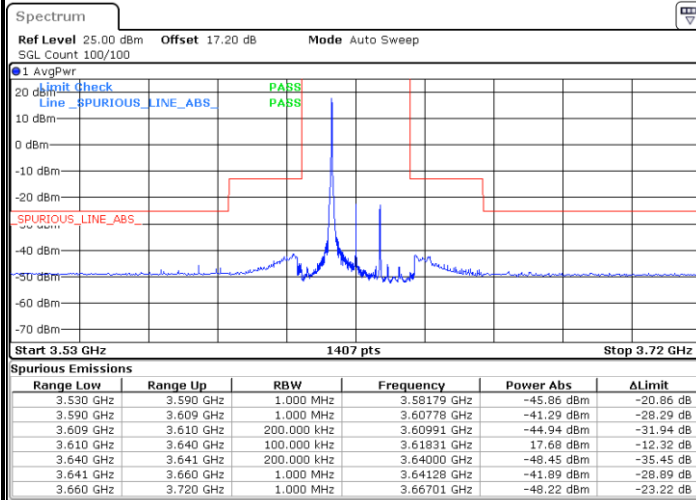
N/A



LTE Band 48 / 15MHz

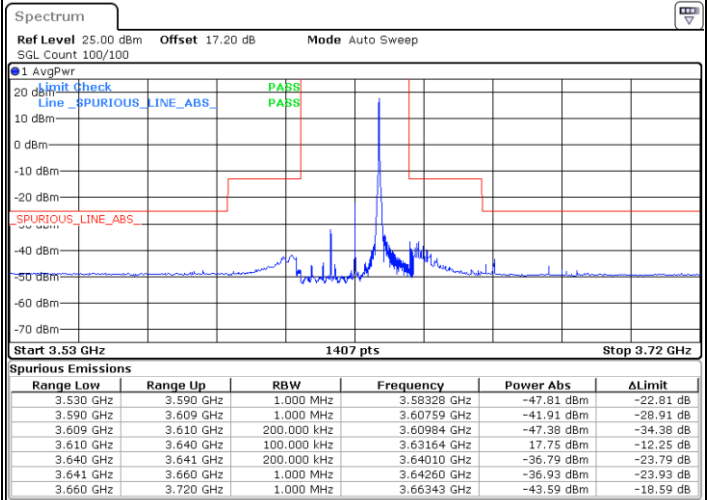
256QAM

Middle Channel / 1RB0



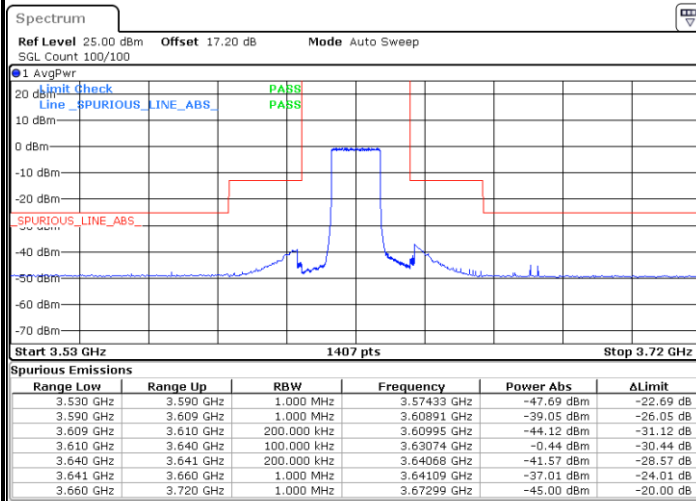
Date: 21.MAR.2022 20:09:01

Middle Channel / 1RBmax



Date: 21.MAR.2022 20:10:07

Middle Channel / FullRB



Date: 21.MAR.2022 20:10:53

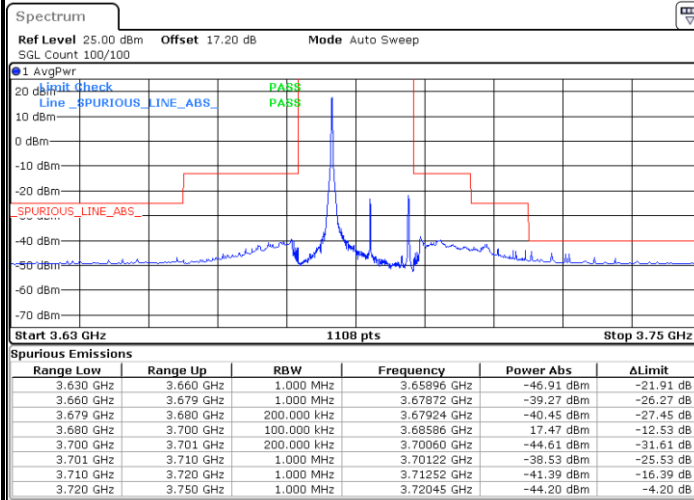
N/A



LTE Band 48 / 15MHz

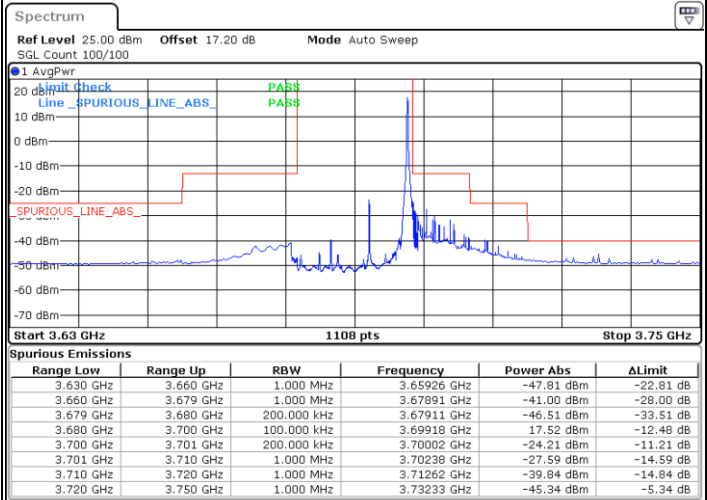
256QAM

Highest Channel / 1RB0



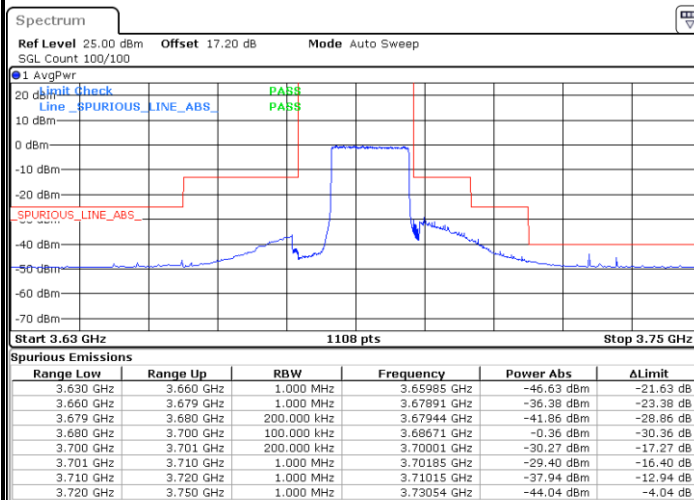
Date: 21.MAR.2022 20:13:05

Highest Channel / 1RBmax



Date: 21.MAR.2022 20:15:36

Highest Channel / FullIRB



Date: 21.MAR.2022 20:19:02

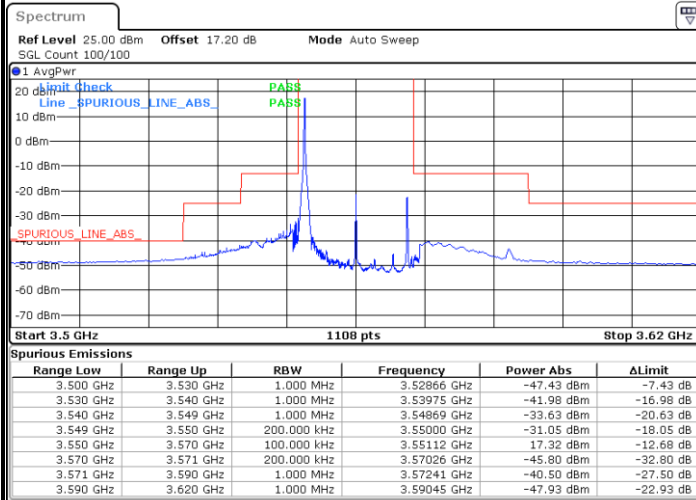
N/A



LTE Band 48 / 20MHz

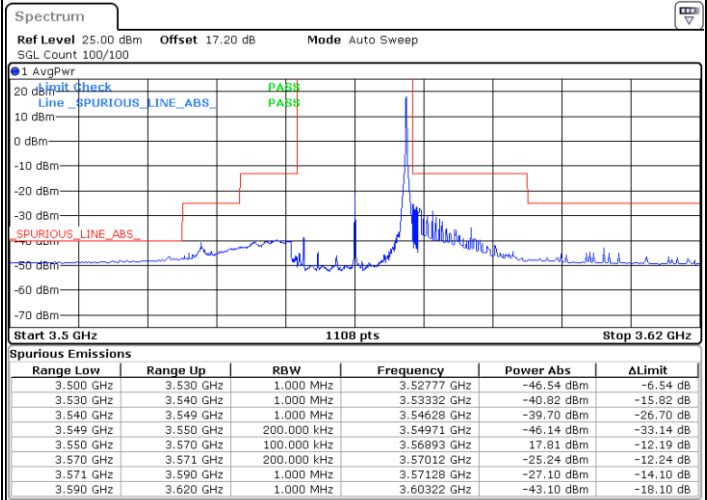
256QAM

Lowest Channel / 1RB0



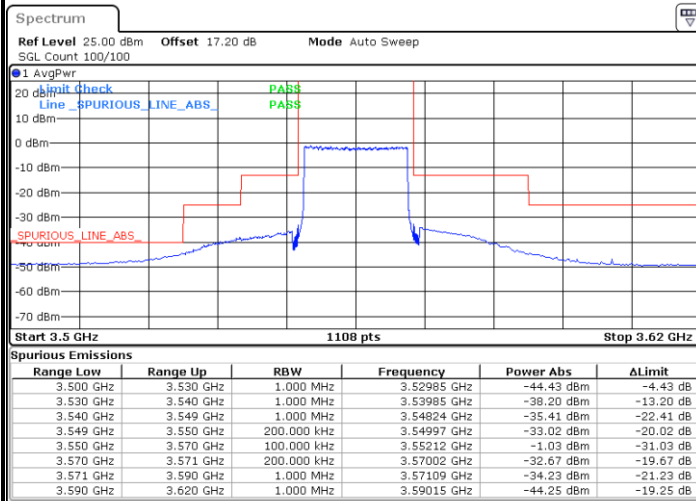
Date: 21.MAR.2022 20:20:45

Lowest Channel / 1RBmax



Date: 21.MAR.2022 20:24:38

Lowest Channel / FullIRB



Date: 21.MAR.2022 20:28:12

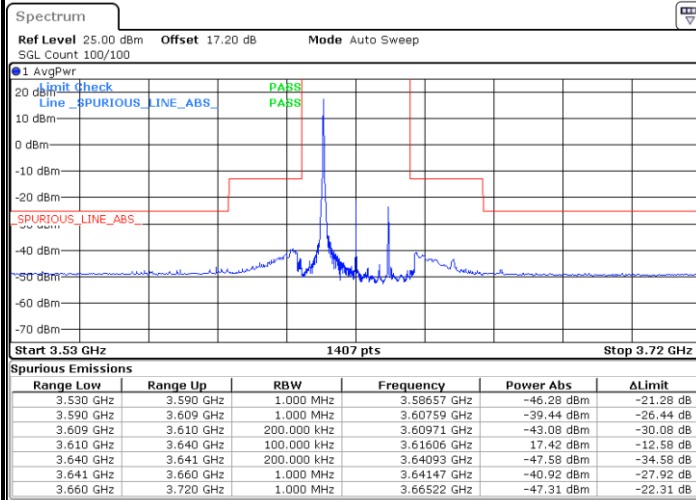
N/A



LTE Band 48 / 20MHz

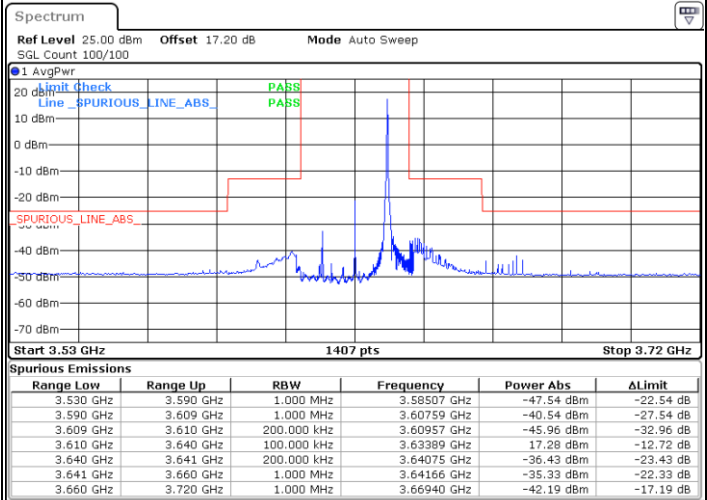
256QAM

Middle Channel / 1RB0



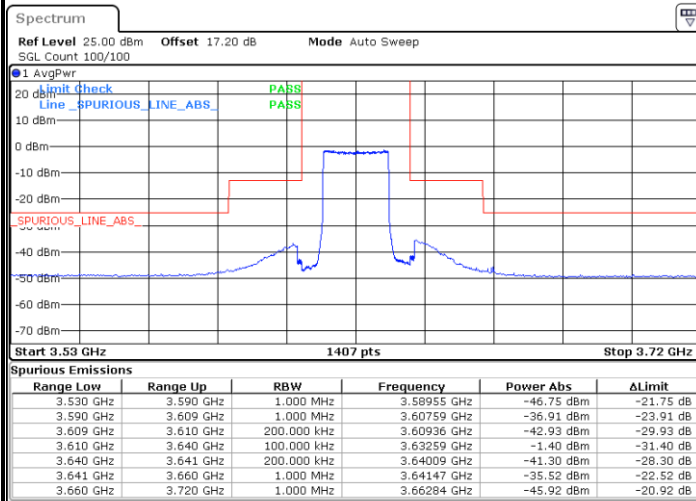
Date: 21.MAR.2022 20:31:52

Middle Channel / 1RBmax



Date: 21.MAR.2022 20:33:00

Middle Channel / FullRB



Date: 21.MAR.2022 20:34:27

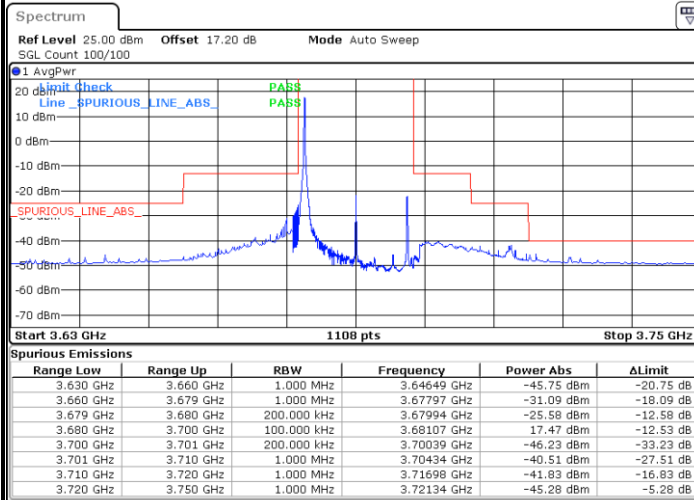
N/A



LTE Band 48 / 20MHz

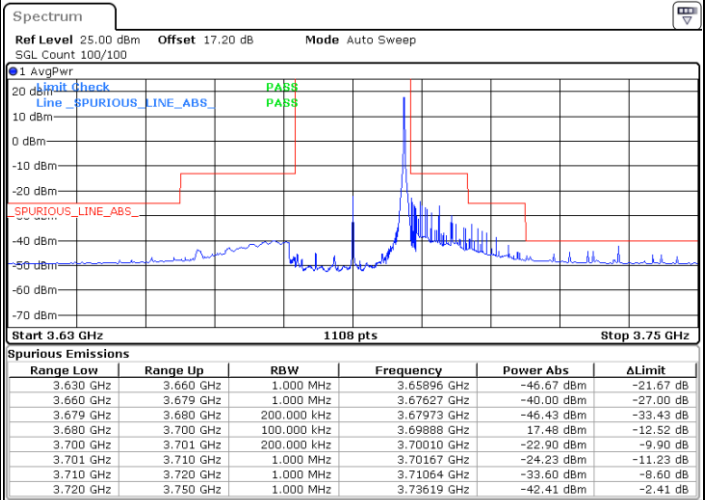
256QAM

Highest Channel / 1RB0



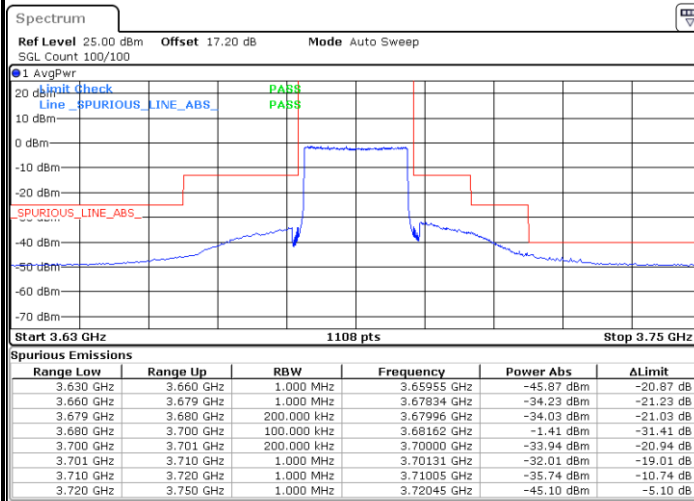
Date: 21.MAR.2022 20:39:28

Highest Channel / 1RBmax



Date: 21.MAR.2022 20:41:22

Highest Channel / FullIRB



Date: 21.MAR.2022 20:44:20

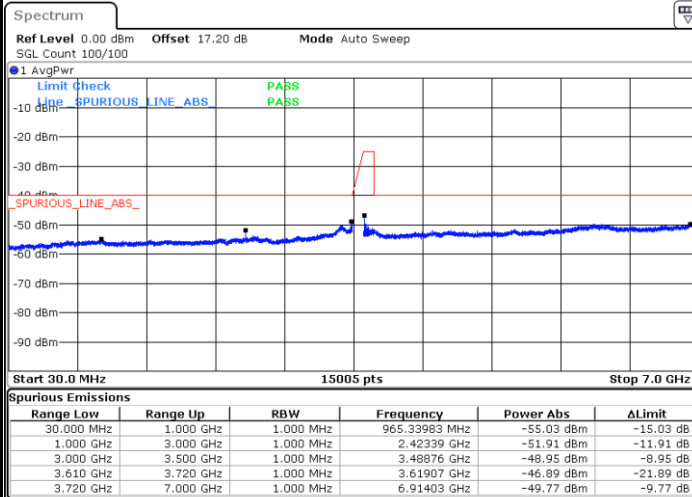
N/A



Conducted Spurious Emission

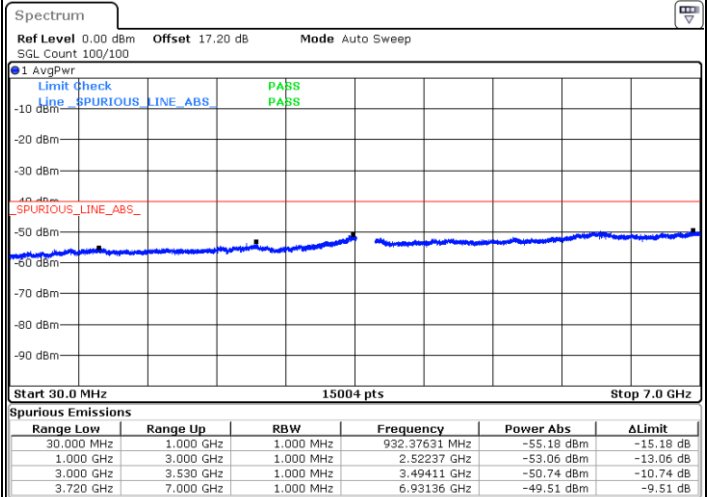
LTE Band 48 / 5MHz

Lowest Channel / QPSK



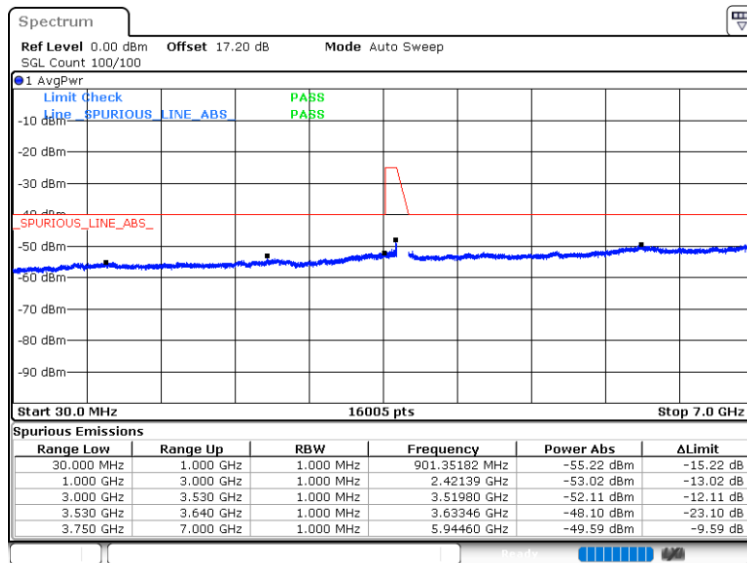
Date: 21.MAR.2022 20:51:16

Middle Channel / QPSK



Date: 21.MAR.2022 21:14:45

Highest Channel / QPSK

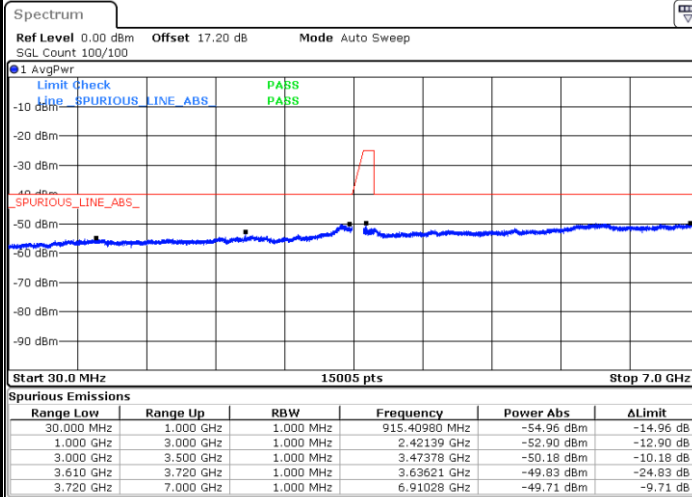


Date: 21.MAR.2022 20:53:42



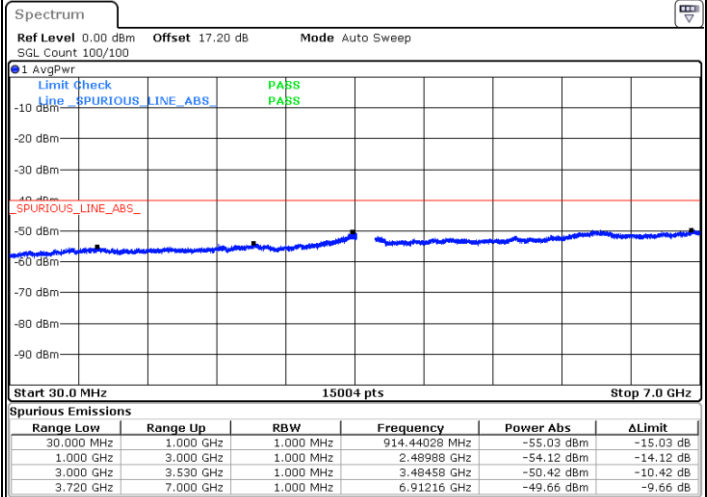
LTE Band 48 / 10MHz

Lowest Channel / QPSK



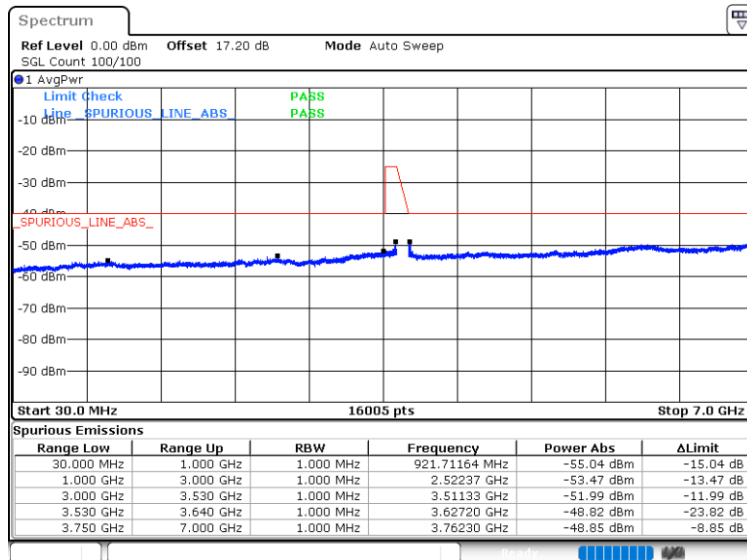
Date: 21.MAR.2022 20:54:58

Middle Channel / QPSK



Date: 21.MAR.2022 21:16:27

Highest Channel / QPSK

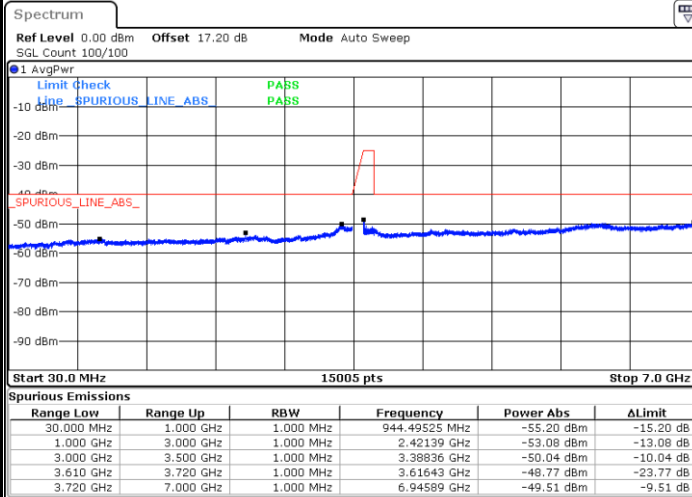


Date: 21.MAR.2022 20:57:23



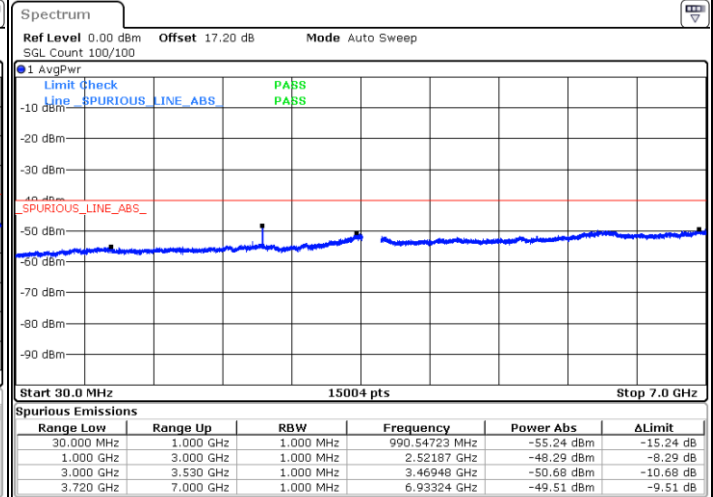
LTE Band 48 / 15MHz

Lowest Channel / QPSK



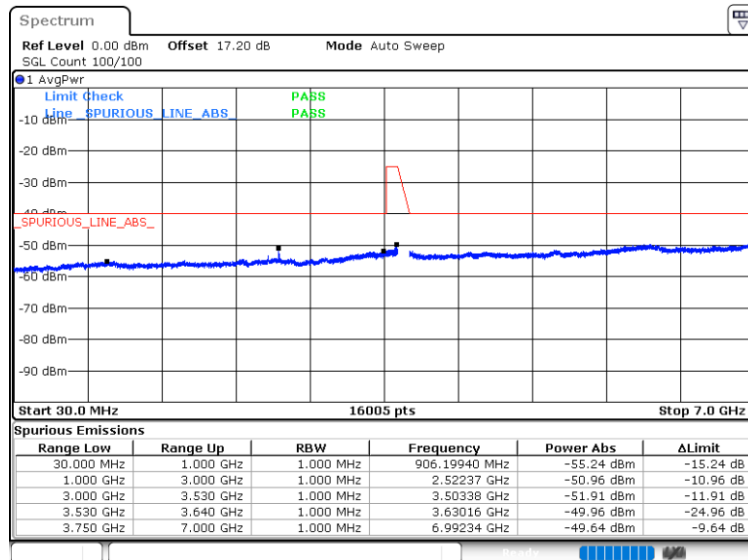
Date: 21.MAR.2022 21:21:47

Middle Channel / QPSK



Date: 21.MAR.2022 21:29:03

Highest Channel / QPSK

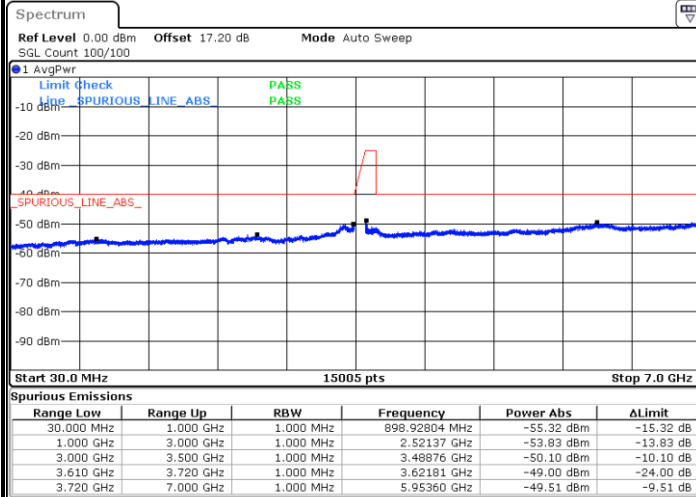


Date: 21.MAR.2022 21:01:05



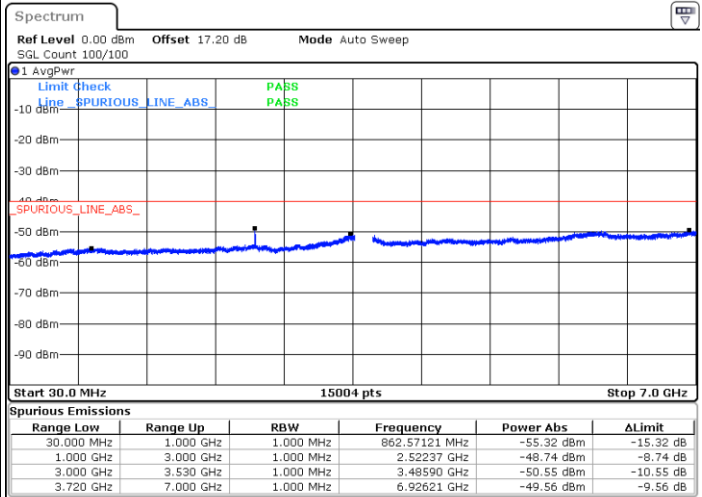
LTE Band 48 / 20MHz

Lowest Channel / QPSK



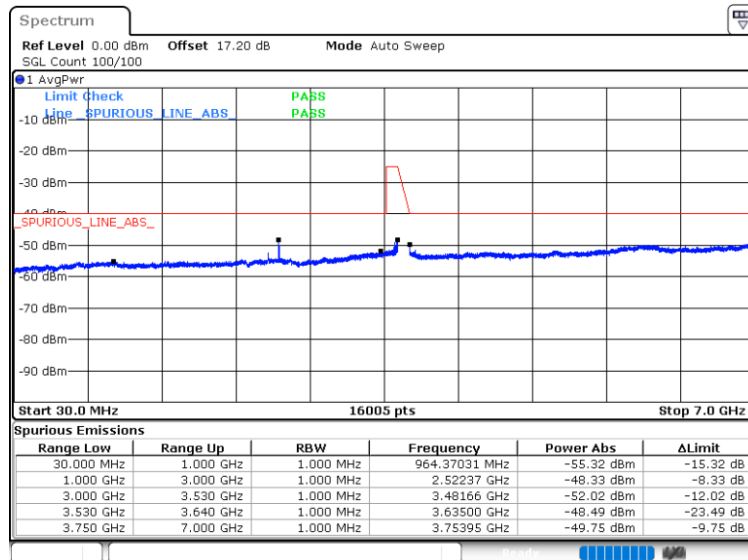
Date: 21.MAR.2022 21:02:21

Middle Channel / QPSK



Date: 21.MAR.2022 21:03:33

Highest Channel / QPSK



Date: 21.MAR.2022 21:04:46

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	0.0039	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0039	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0002	
-10	Normal Voltage	0.0015	
-20	Normal Voltage	0.0042	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0039	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage = 3.85 V. ; Battery End Point (ACLRP) = 3.4 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



Appendix B. Test Results of Radiated Test

<Primary Antenna>

<Ant. 6>

LTE Band 48

LTE Band 48 / 20MHz / QPSK									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Margin (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Lowest	7102	-57.09	-40	-17.09	-55.21	-66.79	1.84	11.55	H
	10653	-53.01	-40	-13.01	-55.61	-61.48	2.23	10.71	H
	14204	-48.94	-40	-8.94	-57.67	-58.57	2.65	12.28	H
	21307	-62.55	-40	-22.55	-76.92	-77.40	3.32	18.17	H
	24857	-59.16	-40	-19.16	-77.44	-73.93	3.71	18.49	H
	28408	-55.77	-40	-15.77	-76.28	-71.24	3.99	19.46	H
	7102	-57.03	-40	-17.03	-55.39	-66.73	1.84	11.55	V
	10653	-53.80	-40	-13.80	-55.99	-62.27	2.23	10.71	V
	14204	-48.21	-40	-8.21	-56.81	-57.84	2.65	12.28	V
	21307	-62.84	-40	-22.84	-76.9	-77.69	3.32	18.17	V
	24857	-59.35	-40	-19.35	-77.31	-74.12	3.71	18.49	V
	28408	-56.52	-40	-16.52	-76.61	-71.99	3.99	19.46	V
Middle	7230	-57.10	-40	-17.10	-55.57	-66.56	1.86	11.32	H
	10850	-52.10	-40	-12.10	-55.1	-60.48	2.22	10.59	H
	14462	-48.63	-40	-8.63	-57.6	-58.13	2.62	12.12	H
	18077	-60.42	-40	-20.42	-71.89	-74.79	3.23	17.60	H
	21696	-60.38	-40	-20.38	-75.54	-75.55	3.42	18.60	H
	25312	-58.69	-40	-18.69	-77.01	-73.69	3.77	18.77	H
	7230	-56.60	-40	-16.60	-55.42	-66.06	1.86	11.32	V
	10850	-52.48	-40	-12.48	-55.25	-60.86	2.22	10.59	V
	14462	-48.25	-40	-8.25	-57.65	-57.75	2.62	12.12	V
	18077	-60.27	-40	-20.27	-71.45	-74.64	3.23	17.60	V
	21696	-61.22	-40	-21.22	-76.04	-76.39	3.42	18.60	V
	25312	-59.28	-40	-19.28	-77.31	-74.28	3.77	18.77	V