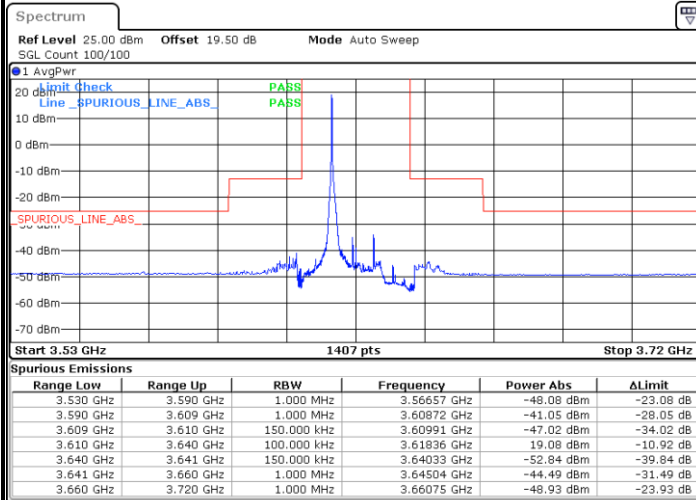




LTE Band 48 / 15MHz

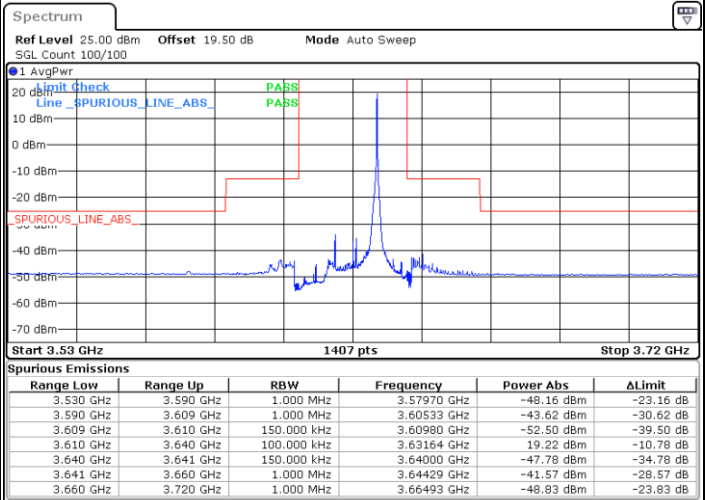
16QAM

Middle Channel / 1RB0



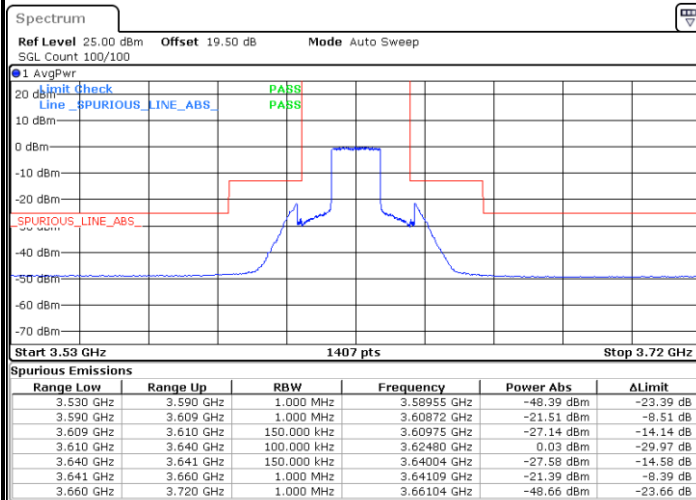
Date: 23.SEP.2023 09:19:17

Middle Channel / 1RBmax



Date: 23.SEP.2023 09:13:56

Middle Channel / FullRB



Date: 23.SEP.2023 09:08:35

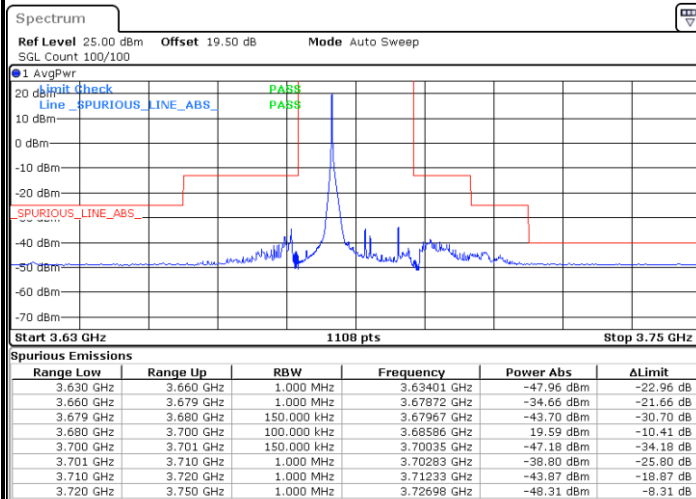
N/A



LTE Band 48 / 15MHz

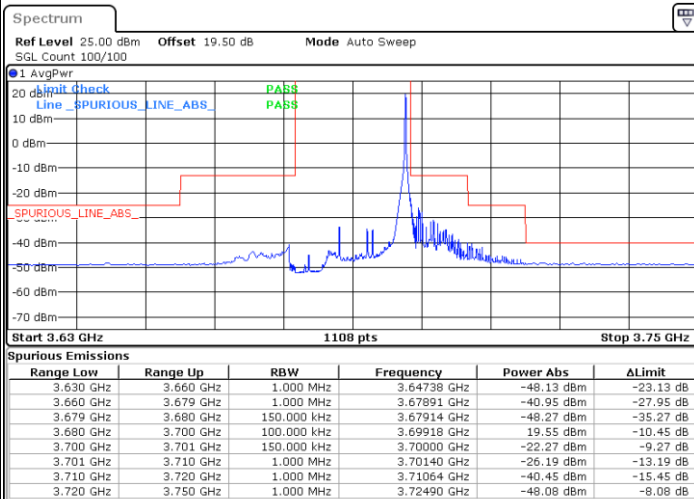
16QAM

Highest Channel / 1RB0



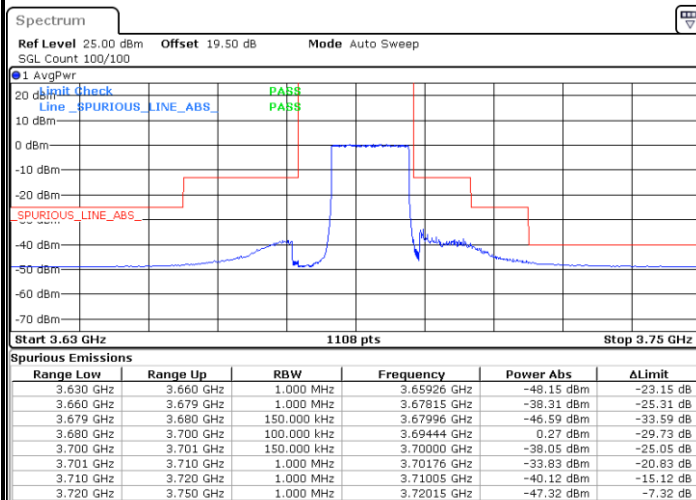
Date: 22.SEP.2023 20:22:45

Highest Channel / 1RBmax



Date: 22.SEP.2023 20:26:32

Highest Channel / FullRB



Date: 22.SEP.2023 20:30:20

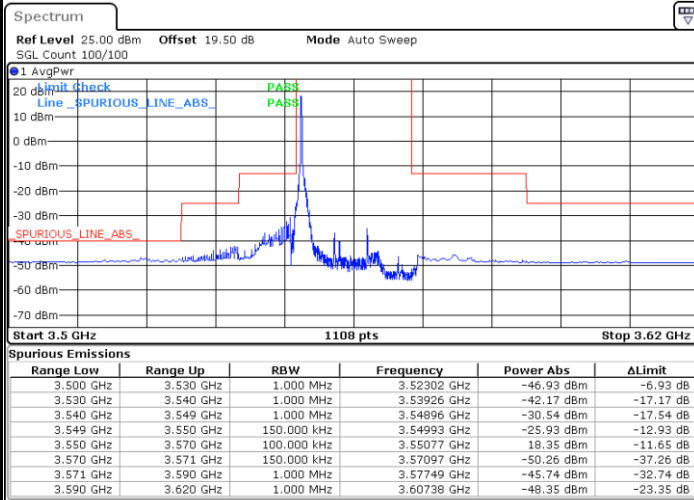
N/A



LTE Band 48 / 15MHz

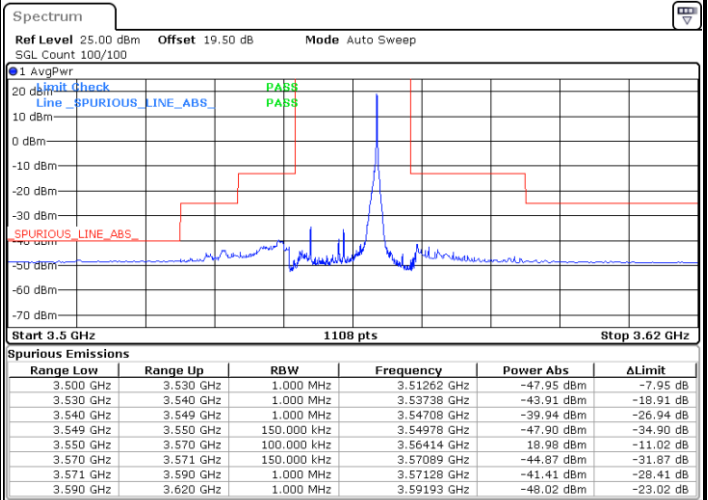
64QAM

Lowest Channel / 1RB0



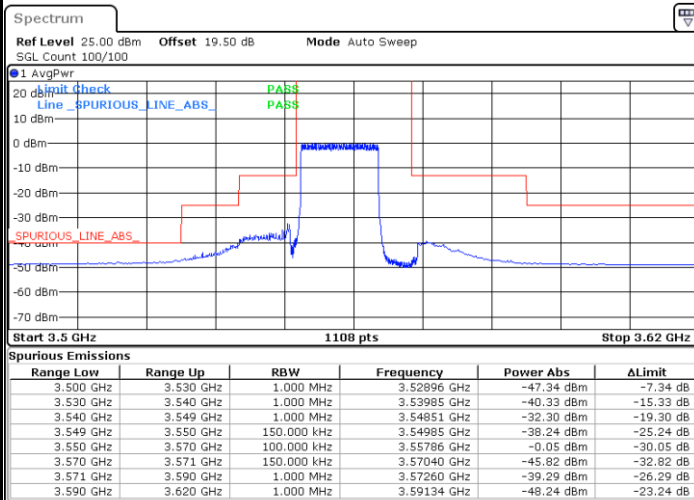
Date: 22.SEP.2023 15:58:15

Lowest Channel / 1RBmax



Date: 22.SEP.2023 16:04:31

Lowest Channel / FullRB



Date: 22.SEP.2023 16:05:47

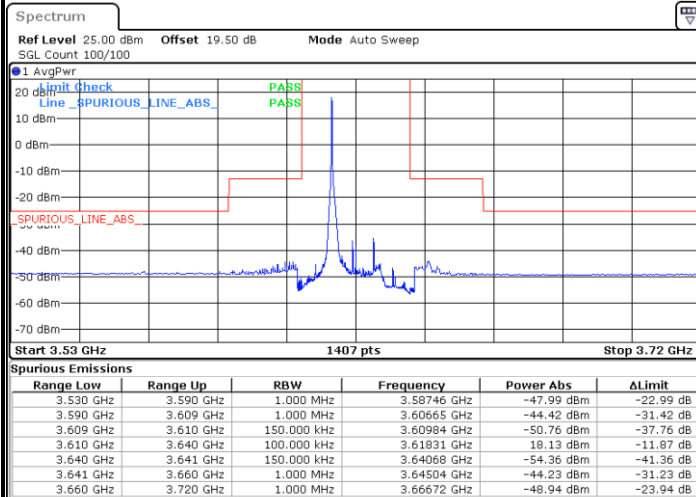
N/A



LTE Band 48 / 15MHz

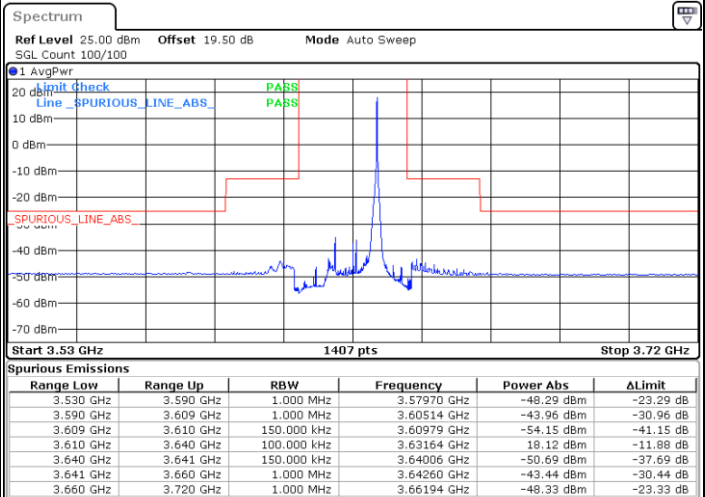
64QAM

Middle Channel / 1RB0



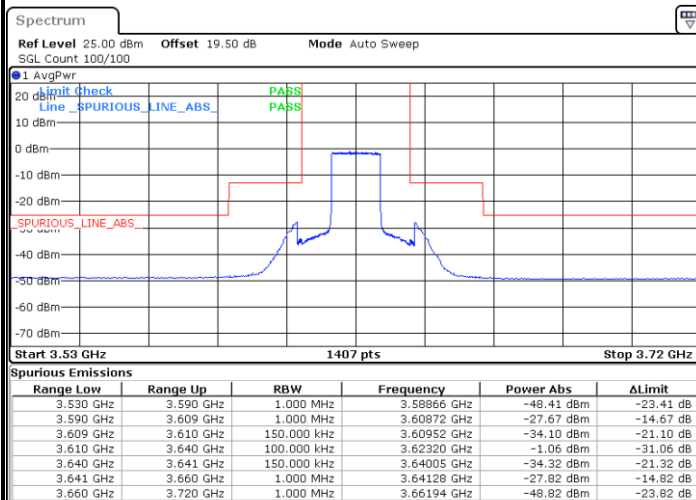
Date: 23.SEP.2023 09:21:04

Middle Channel / 1RBmax



Date: 23.SEP.2023 09:12:09

Middle Channel / FullRB



Date: 23.SEP.2023 09:10:22

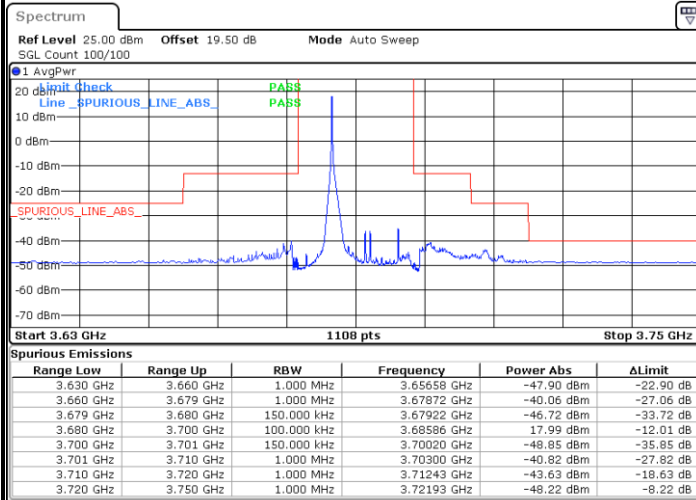
N/A



LTE Band 48 / 15MHz

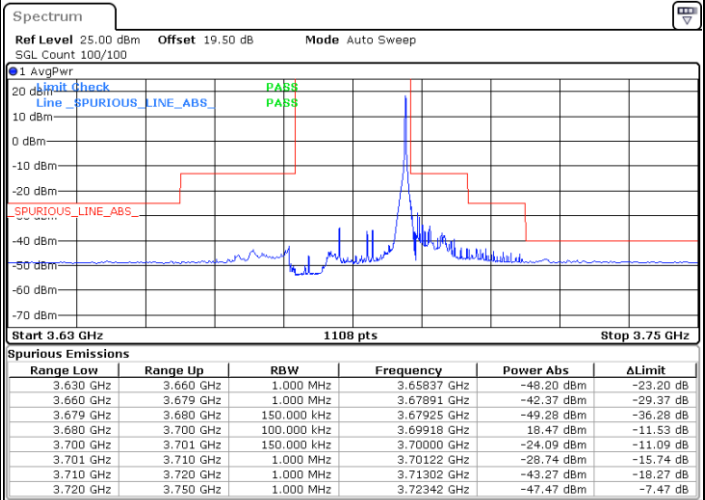
64QAM

Highest Channel / 1RB0



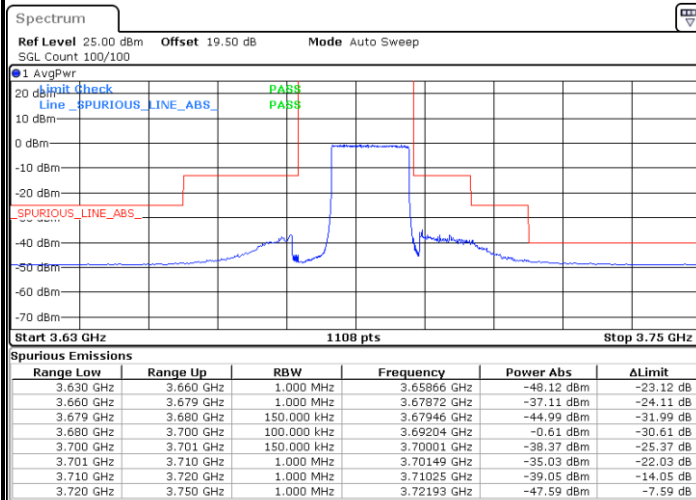
Date: 22.SEP.2023 20:21:29

Highest Channel / 1RBmax



Date: 22.SEP.2023 20:27:48

Highest Channel / FullRB



Date: 22.SEP.2023 20:29:04

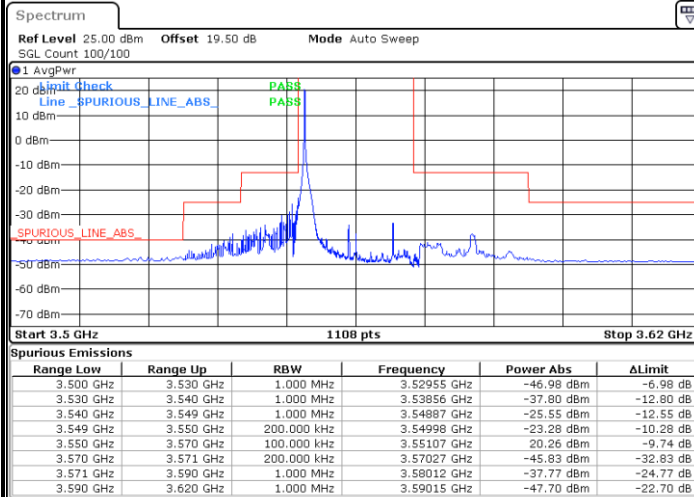
N/A



LTE Band 48 / 20MHz

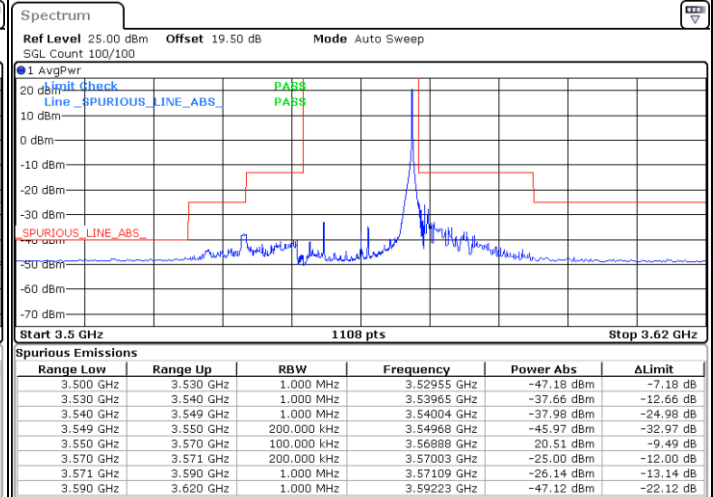
QPSK

Lowest Channel / 1RB0



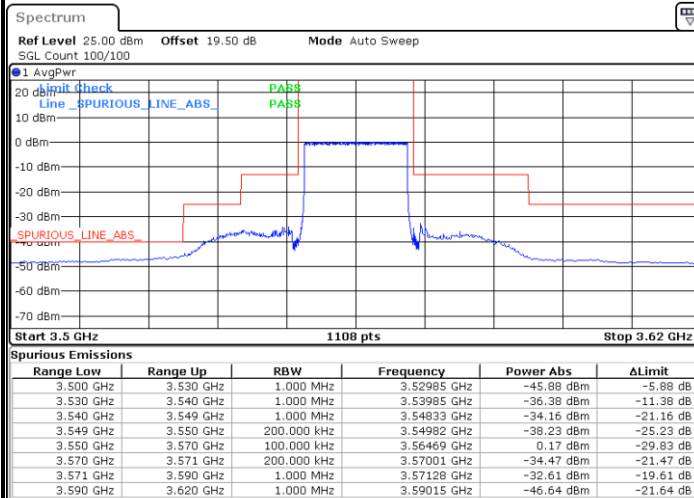
Date: 22.SEP.2023 17:27:16

Lowest Channel / 1RBmax



Date: 22.SEP.2023 17:33:30

Lowest Channel / FullIRB



Date: 22.SEP.2023 17:34:46

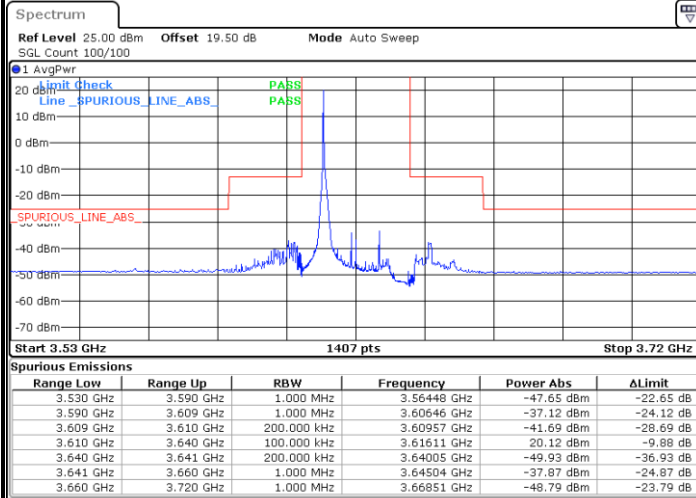
N/A



LTE Band 48 / 20MHz

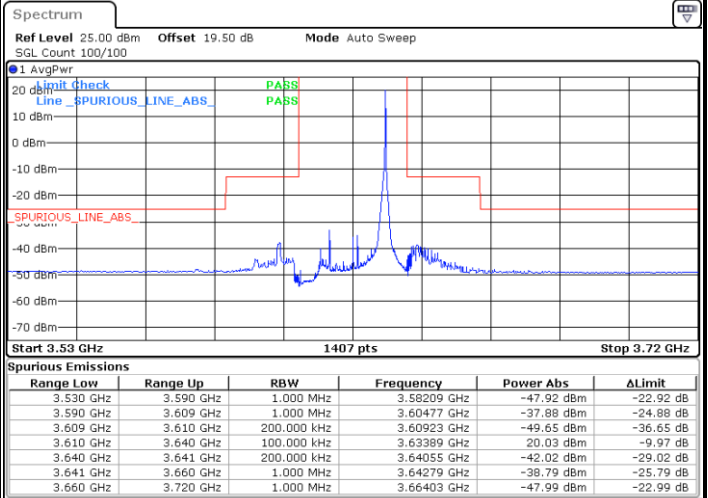
QPSK

Middle Channel / 1RB0



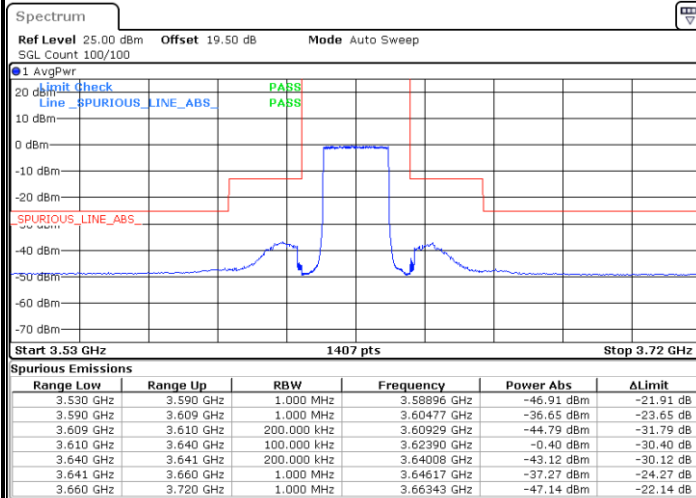
Date: 23.SEP.2023 09:39:08

Middle Channel / 1RBmax



Date: 23.SEP.2023 09:30:13

Middle Channel / FullRB



Date: 23.SEP.2023 09:28:26

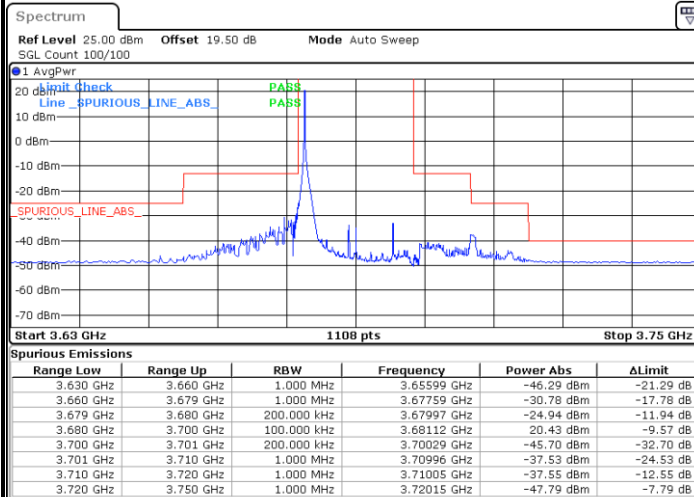
N/A



LTE Band 48 / 20MHz

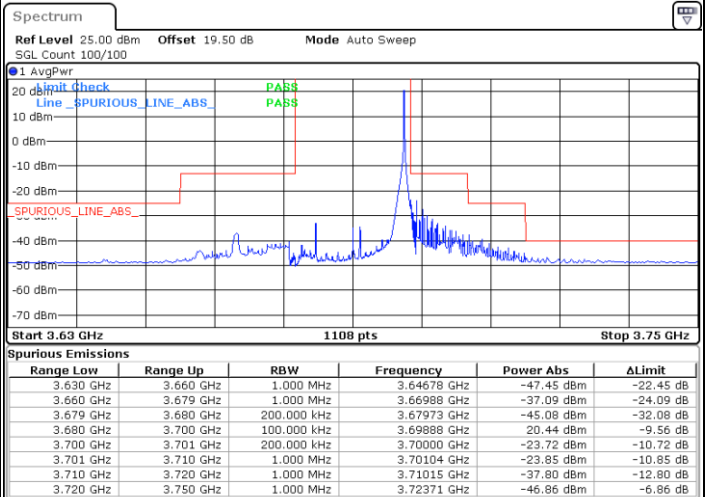
QPSK

Highest Channel / 1RB0



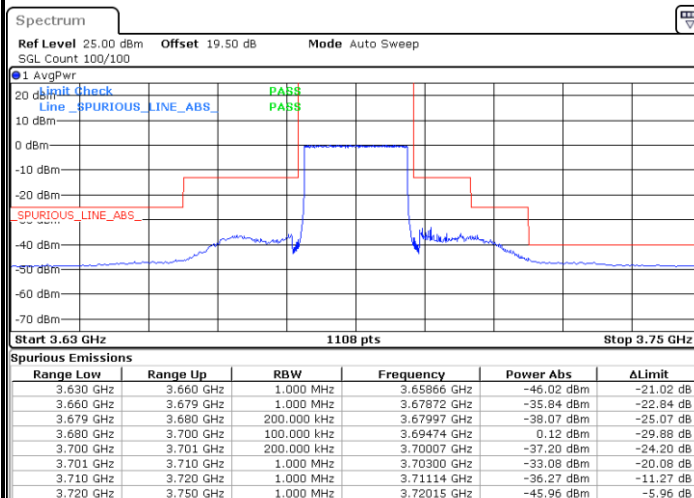
Date: 22.SEP.2023 18:13:38

Highest Channel / 1RBmax



Date: 22.SEP.2023 18:19:53

Highest Channel / FullRB



Date: 22.SEP.2023 18:21:08

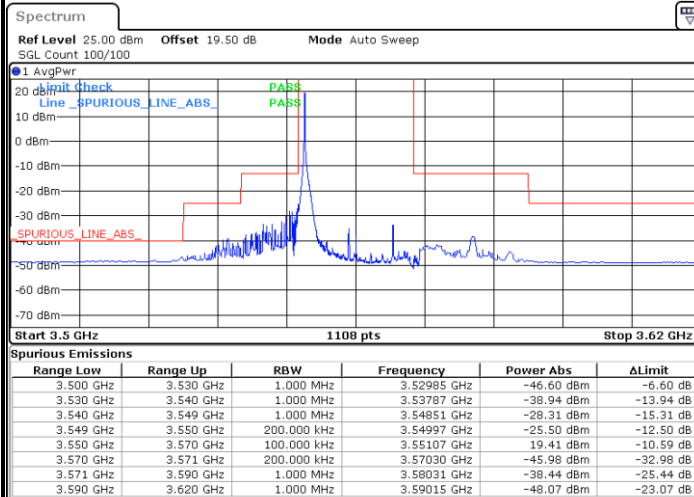
N/A



LTE Band 48 / 20MHz

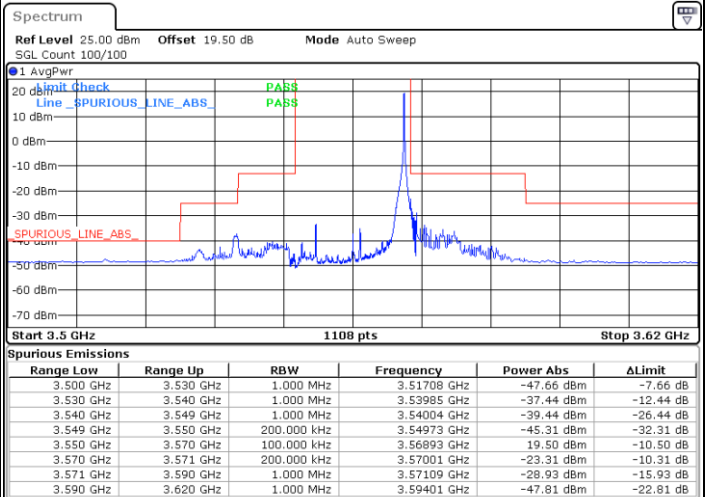
16QAM

Lowest Channel / 1RB0



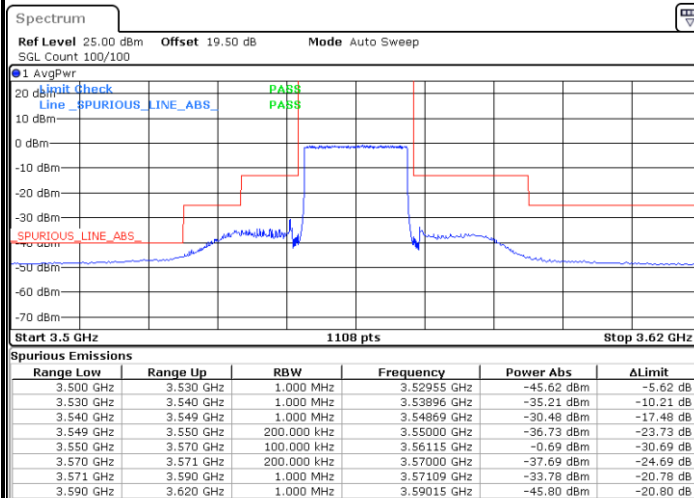
Date: 22.SEP.2023 17:28:31

Lowest Channel / 1RBmax



Date: 22.SEP.2023 17:32:15

Lowest Channel / FullRB



Date: 22.SEP.2023 17:36:01

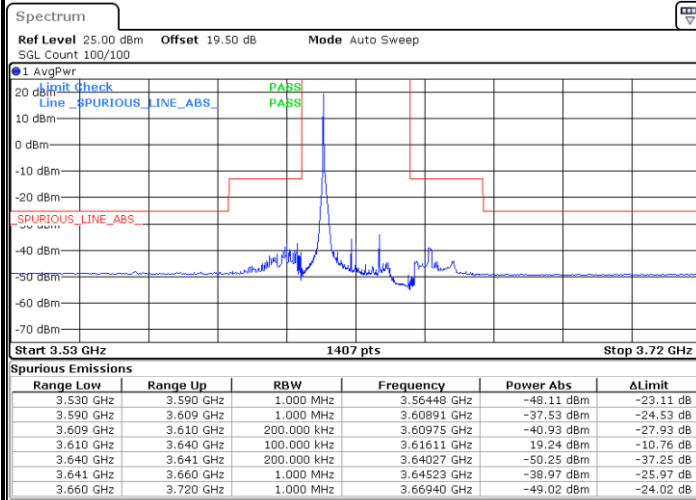
N/A



LTE Band 48 / 20MHz

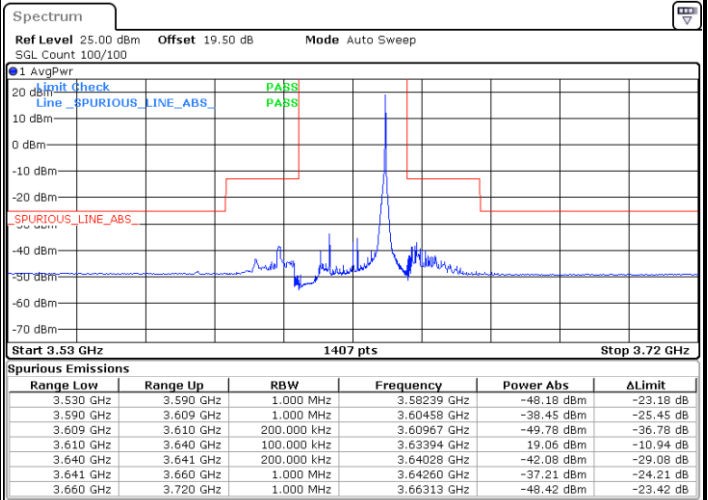
16QAM

Middle Channel / 1RB0



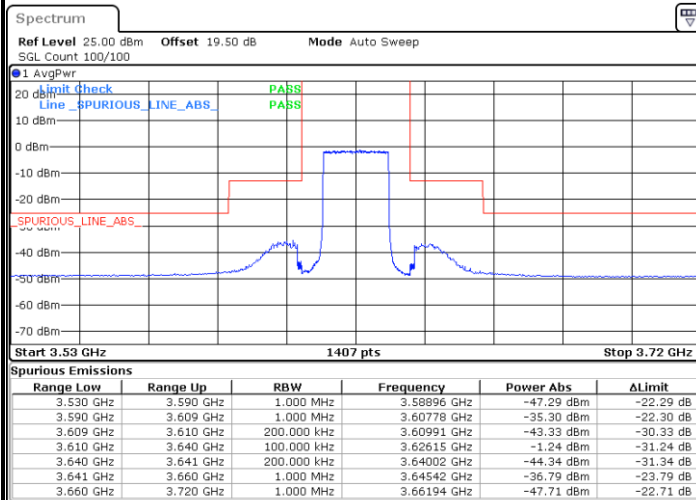
Date: 23.SEP.2023 09:37:21

Middle Channel / 1RBmax



Date: 23.SEP.2023 09:32:00

Middle Channel / FullRB



Date: 23.SEP.2023 09:26:39

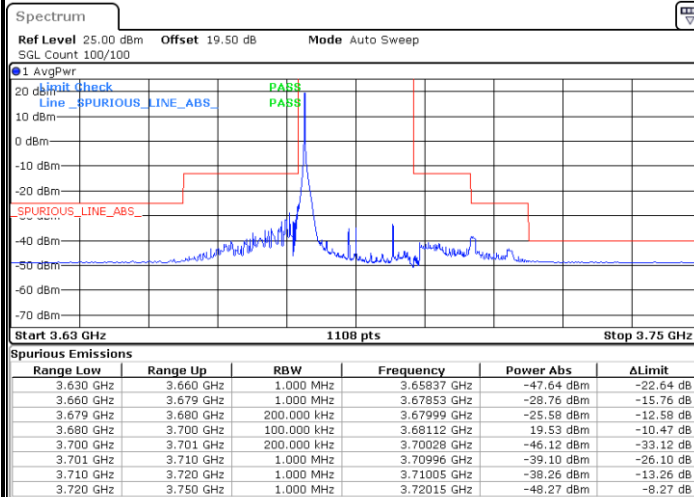
N/A



LTE Band 48 / 20MHz

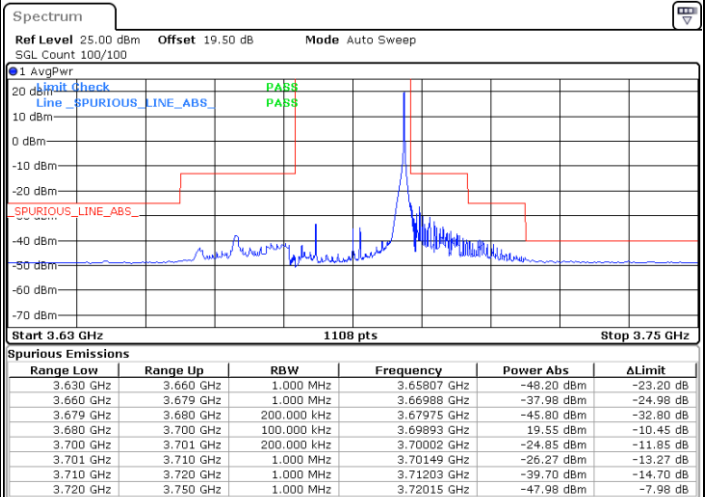
16QAM

Highest Channel / 1RB0



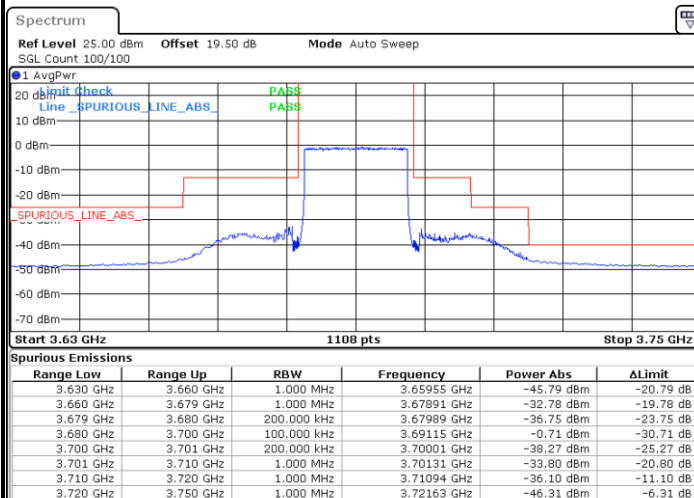
Date: 22.SEP.2023 18:14:53

Highest Channel / 1RBmax



Date: 22.SEP.2023 18:18:38

Highest Channel / FullRB



Date: 22.SEP.2023 18:22:23

N/A

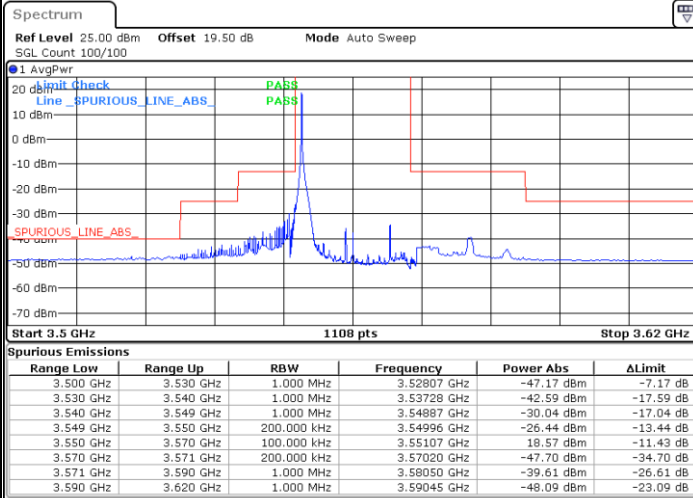


LTE Band 48 / 20MHz

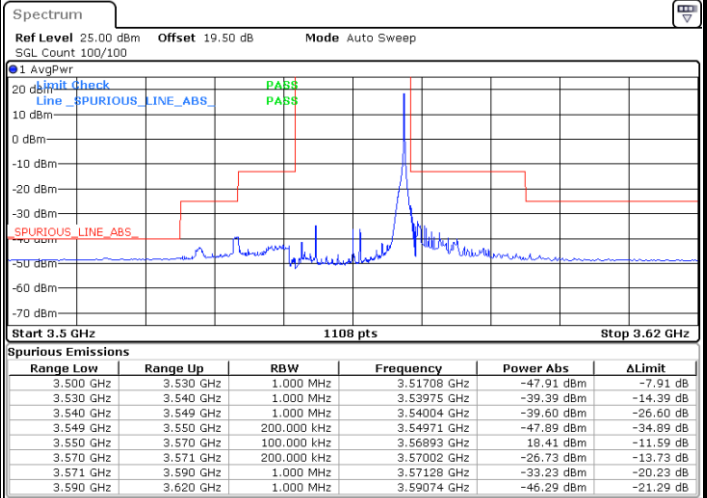
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



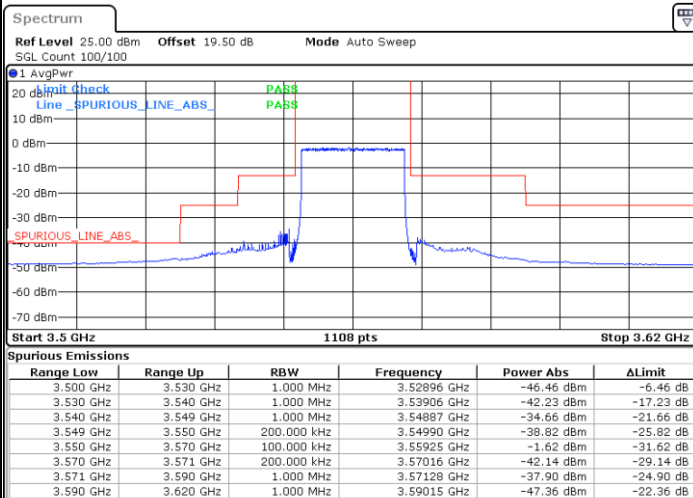
Date: 22.SEP.2023 17:29:45



Date: 22.SEP.2023 17:31:00

Lowest Channel / FullIRB

N/A



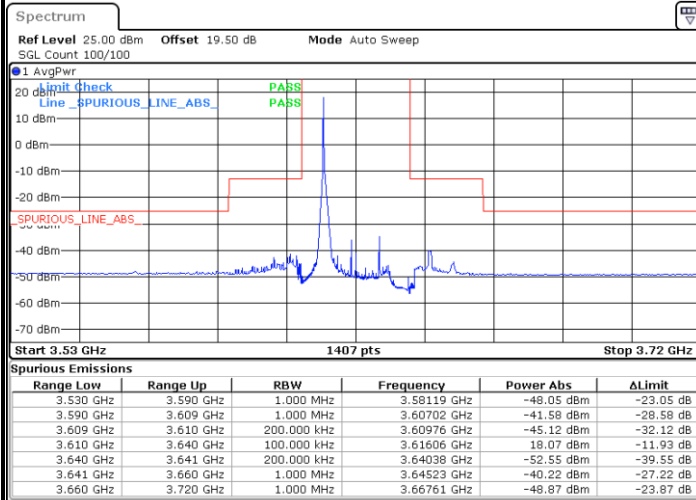
Date: 22.SEP.2023 17:37:16



LTE Band 48 / 20MHz

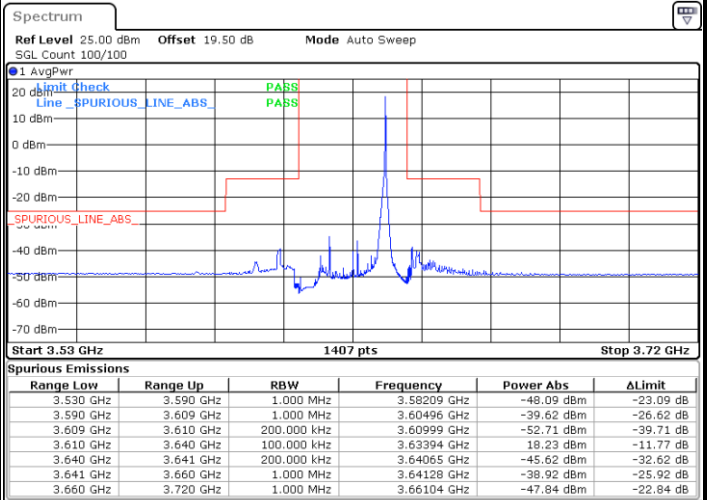
64QAM

Middle Channel / 1RB0



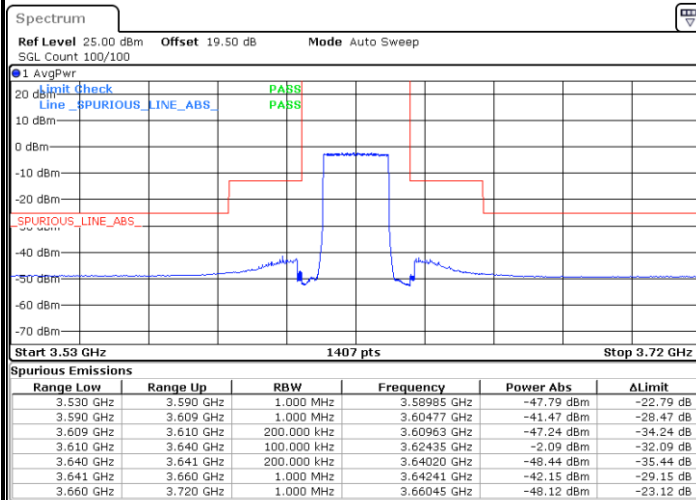
Date: 23.SEP.2023 09:35:34

Middle Channel / 1RBmax



Date: 23.SEP.2023 09:33:47

Middle Channel / FullRB



Date: 23.SEP.2023 09:24:52

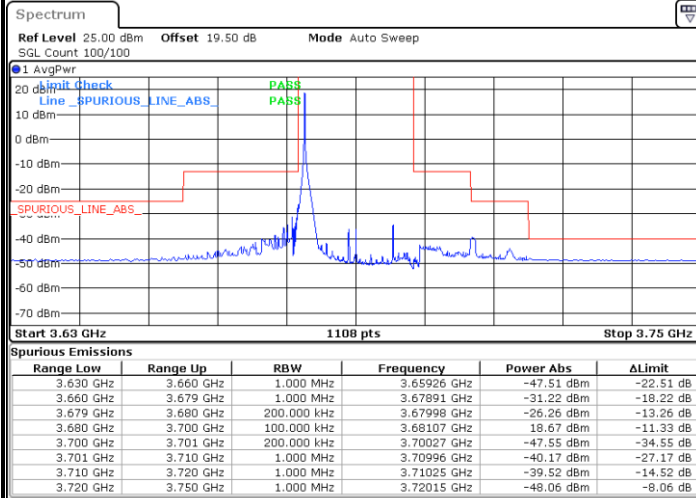
N/A



LTE Band 48 / 20MHz

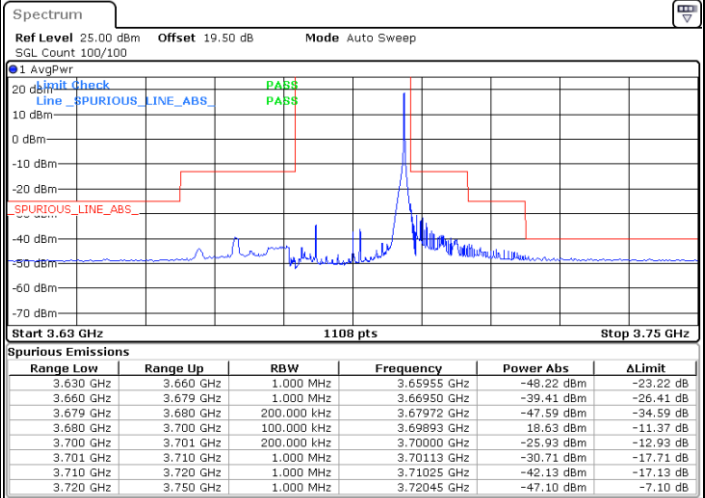
64QAM

Highest Channel / 1RB0



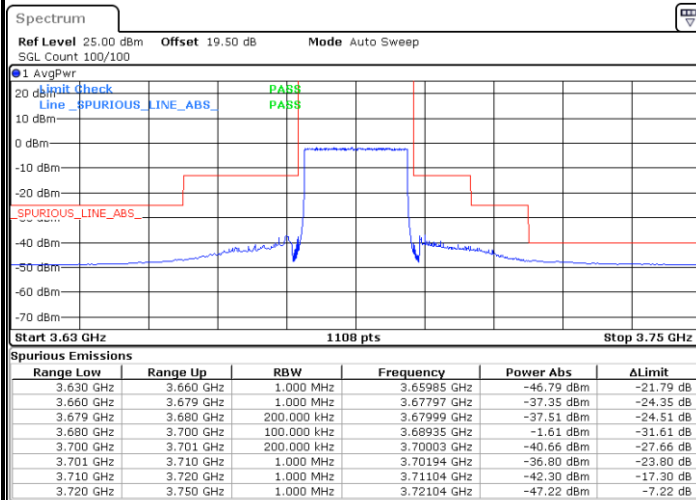
Date: 22.SEP.2023 18:16:08

Highest Channel / 1RBmax



Date: 22.SEP.2023 18:17:23

Highest Channel / FullRB



Date: 22.SEP.2023 18:23:39

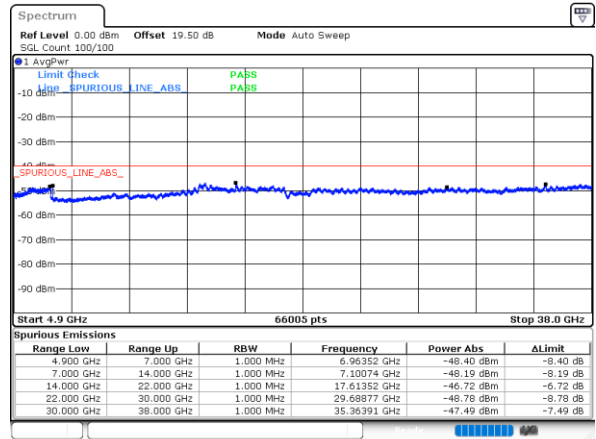
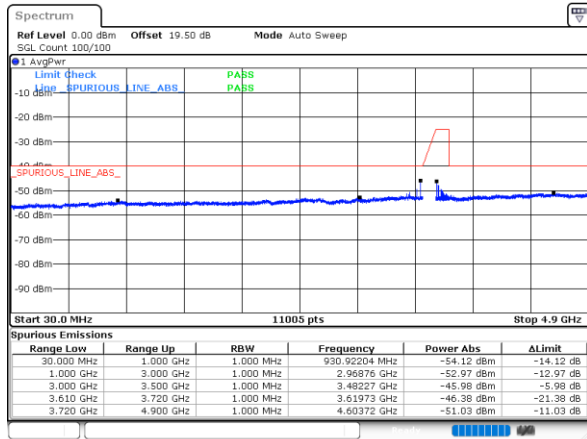
N/A



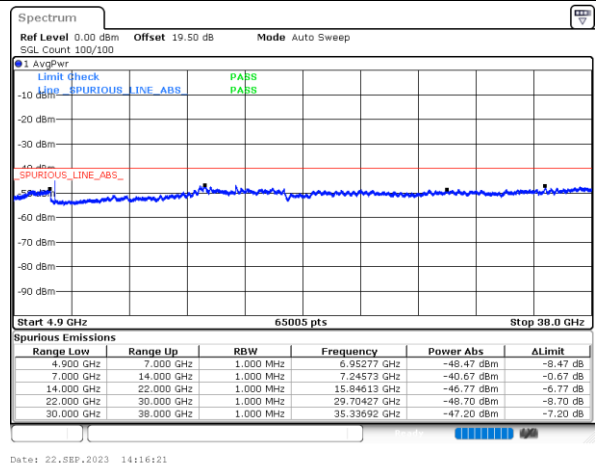
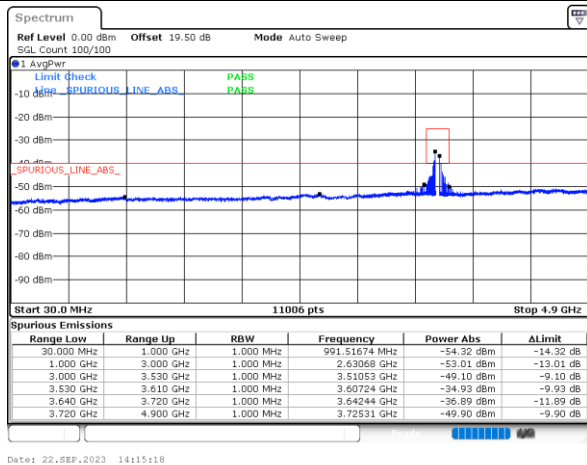
Conducted Spurious Emission

LTE Band 48 / 5MHz

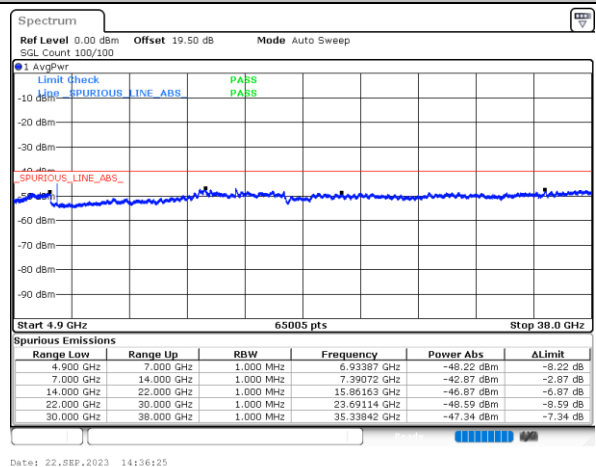
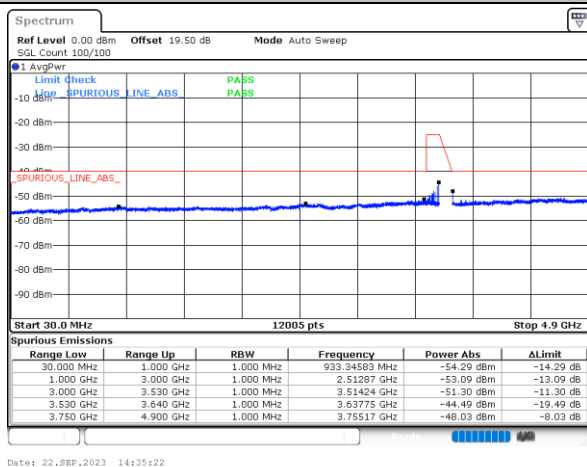
Lowest Channel / QPSK



Middle Channel / QPSK



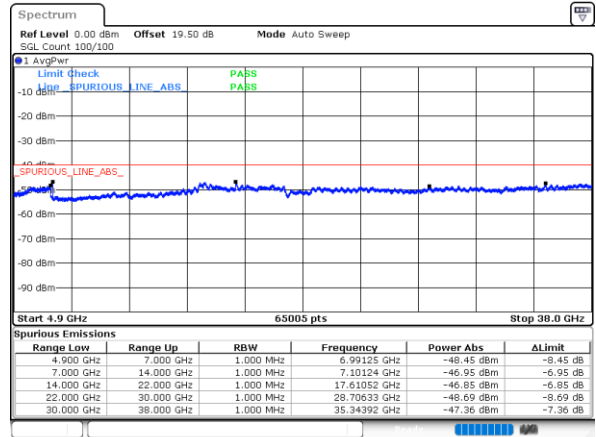
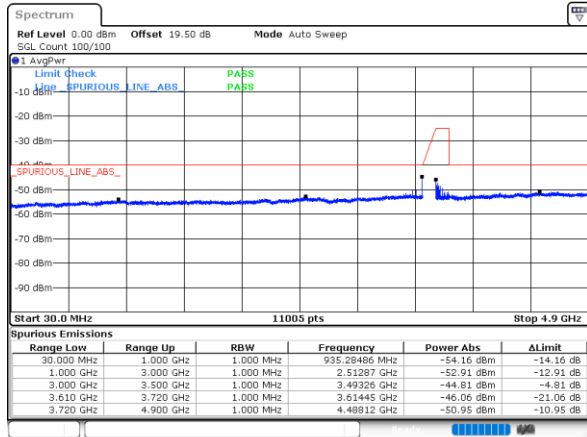
Highest Channel / QPSK



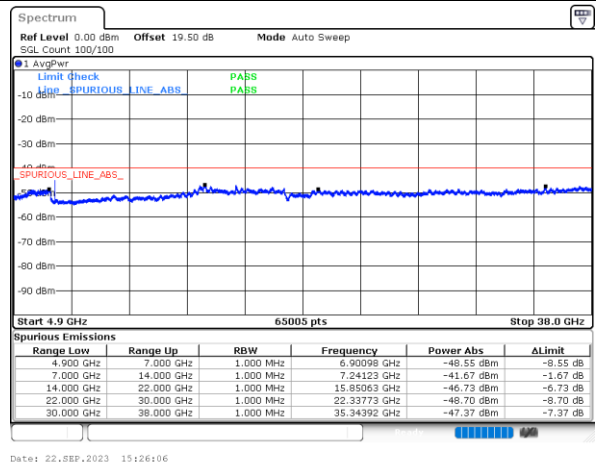
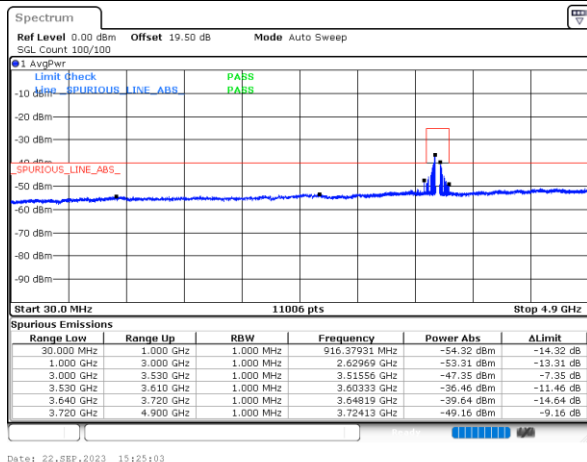


LTE Band 48 / 10MHz

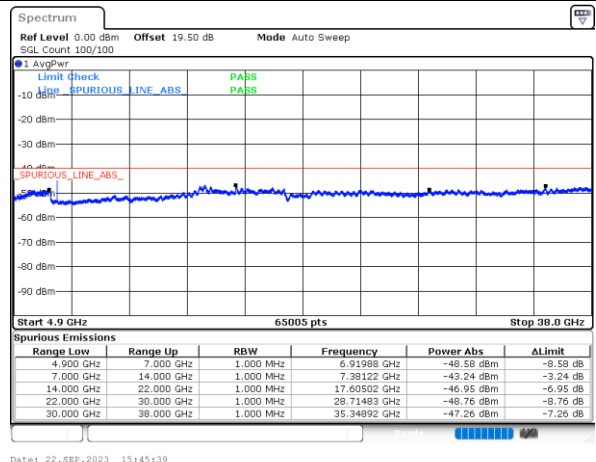
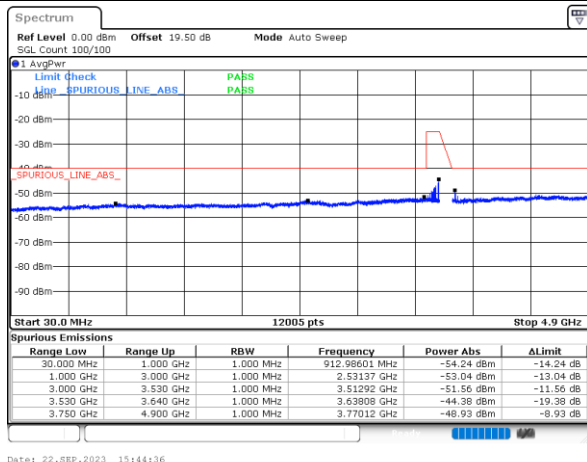
Lowest Channel / QPSK



Middle Channel / QPSK



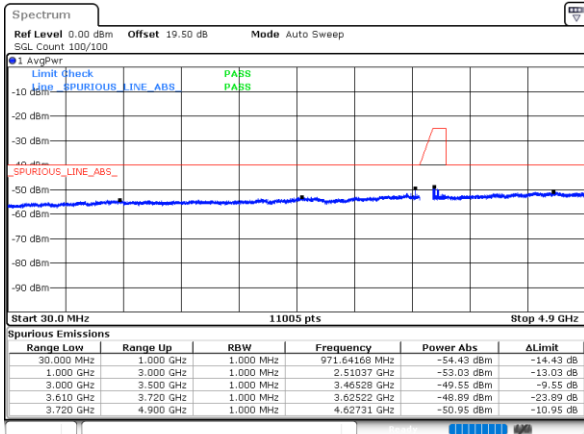
Highest Channel / QPSK



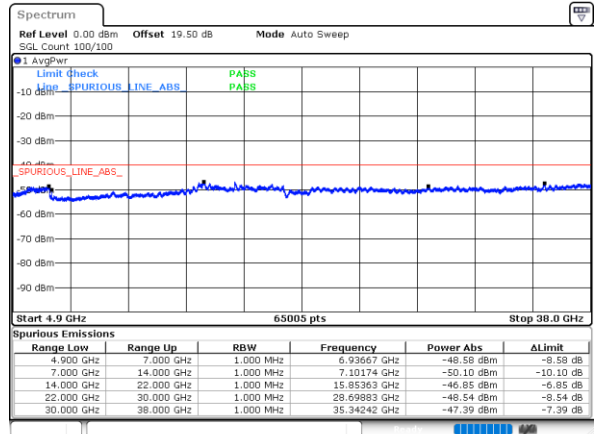


LTE Band 48 / 15MHz

Lowest Channel / QPSK

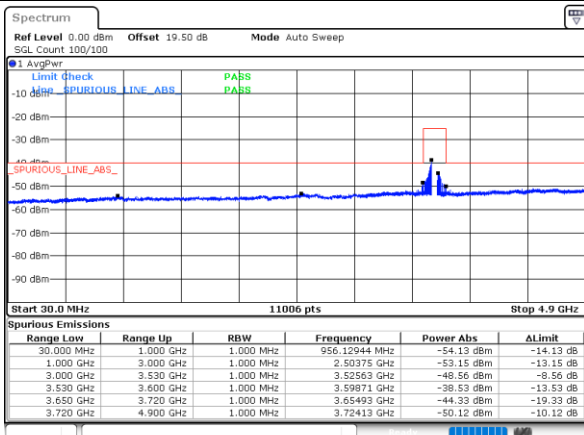


Date: 22_SEP.2023 16:09:29

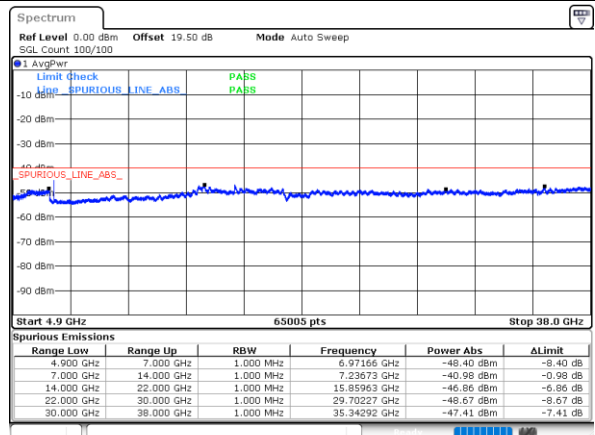


Date: 22_SEP.2023 16:10:33

Middle Channel / QPSK

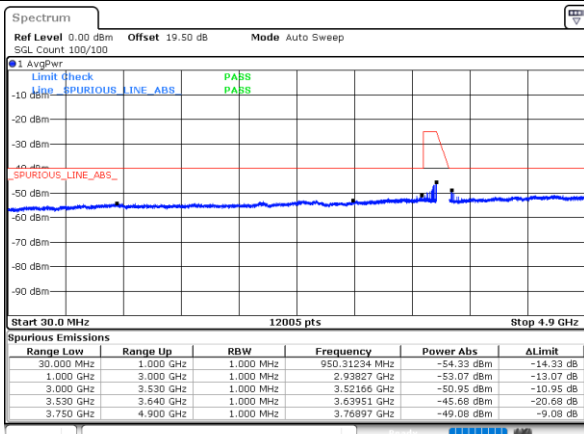


Date: 22_SEP.2023 20:12:01

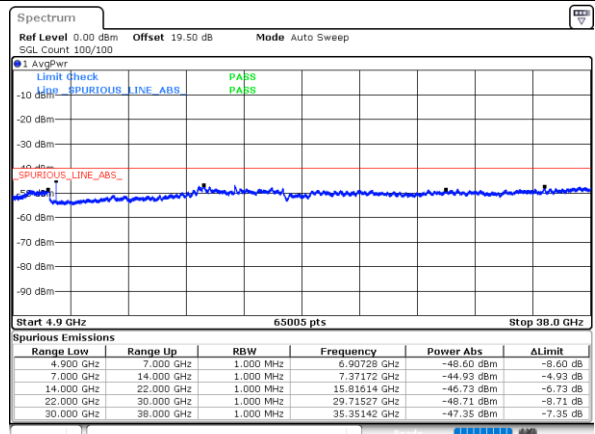


Date: 22_SEP.2023 20:13:05

Highest Channel / QPSK



Date: 22_SEP.2023 20:32:49

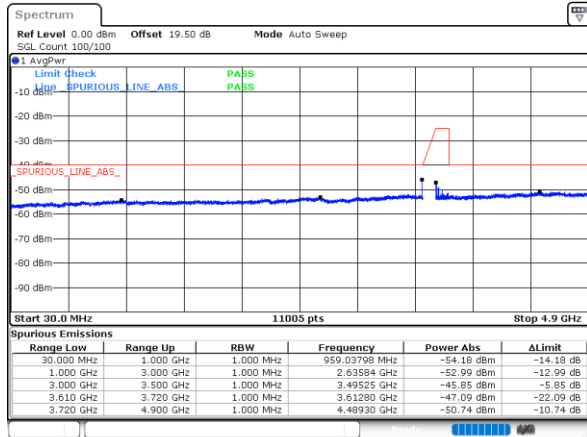


Date: 22_SEP.2023 20:33:52

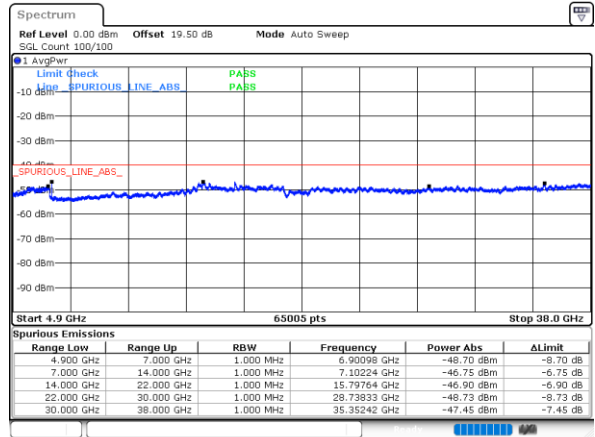


LTE Band 48 / 20MHz

Lowest Channel / QPSK

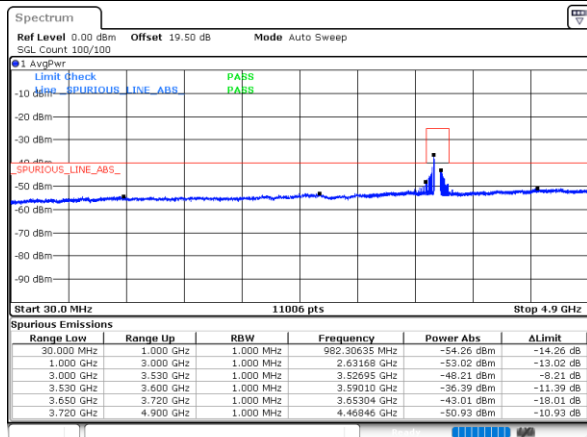


Date: 22_SEP.2023 17:38:28

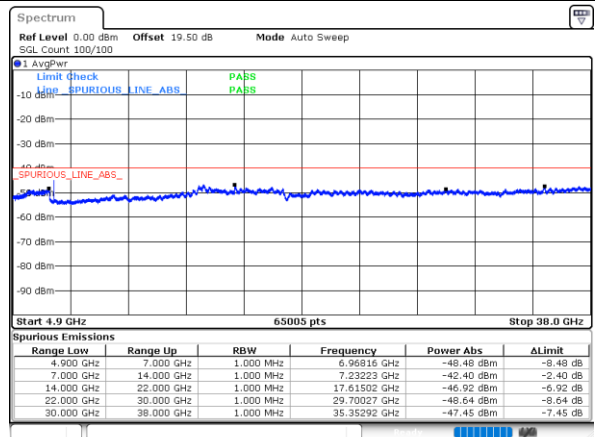


Date: 22_SEP.2023 17:39:31

Middle Channel / QPSK

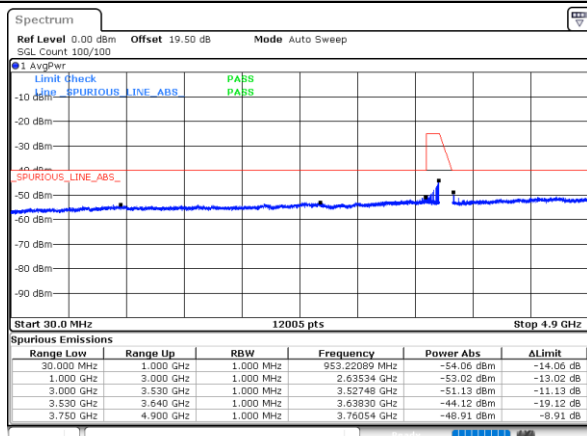


Date: 22_SEP.2023 18:02:57

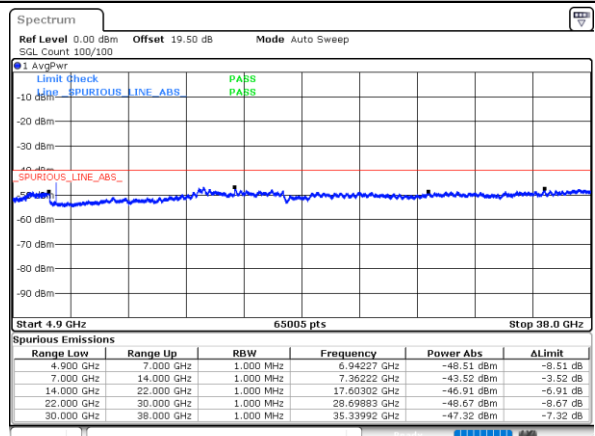


Date: 22_SEP.2023 18:04:00

Highest Channel / QPSK



Date: 22_SEP.2023 18:24:51



Date: 22_SEP.2023 18:25:55

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	0.0005	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.89 V. ; Battery End Point (ACLRP) = 3.45 V. ; Maximum Voltage = 4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

Appendix B. Test Results of Radiated Test

Radiated Spurious Emission

Test Engineer :	Zhang Xu	Temperature :	22~25°C
		Relative Humidity :	48~52%

RSE Pre-scanned harmonic for the different antennas, we choose the worst antenna mode to perform final test and record in the report.

LTE Band 48 / 20MHz / QPSK / Ant.5									
Channel	Frequency (MHz)	EIRP (dBm)	Limit (dBm)	Over Limit (dB)	SPA Reading (dBm)	S.G. Power (dBm)	TX Cable loss (dB)	TX Antenna Gain (dBi)	Polarization (H/V)
Middle	7332.00	-59.40	-40	-19.40	-52.55	-62.70	8.30	11.60	H
	10998.00	-55.67	-40	-15.67	-55.05	-57.19	10.48	12.00	H
	14664.00	-53.96	-40	-13.96	-55.78	-55.66	11.80	13.50	H
	7332.00	-58.93	-40	-18.93	-52.57	-62.23	8.30	11.60	V
	10998.00	-55.86	-40	-15.86	-54.88	-57.38	10.48	12.00	V
	14664.00	-51.86	-40	-11.86	-55.64	-53.56	11.80	13.50	V

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