

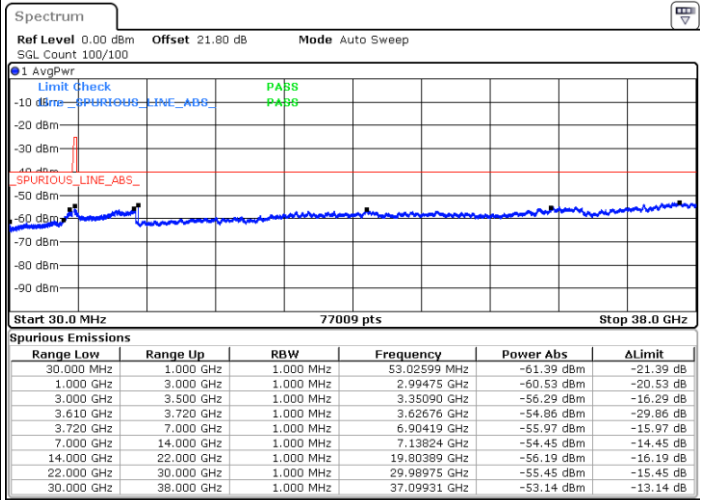
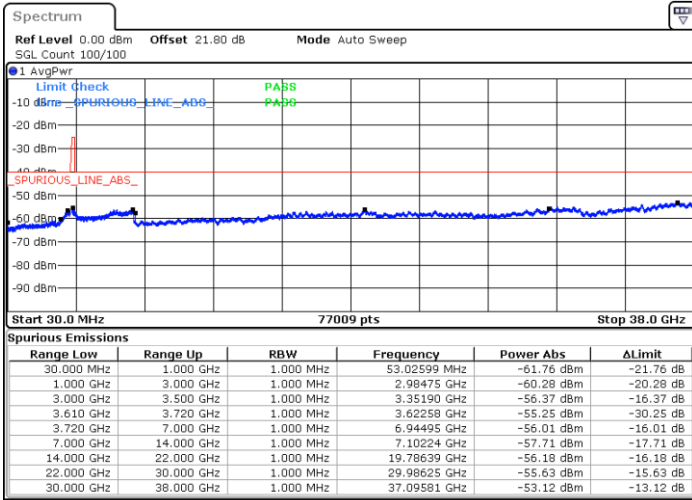


LTE Band 48 / 20MHz

16QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

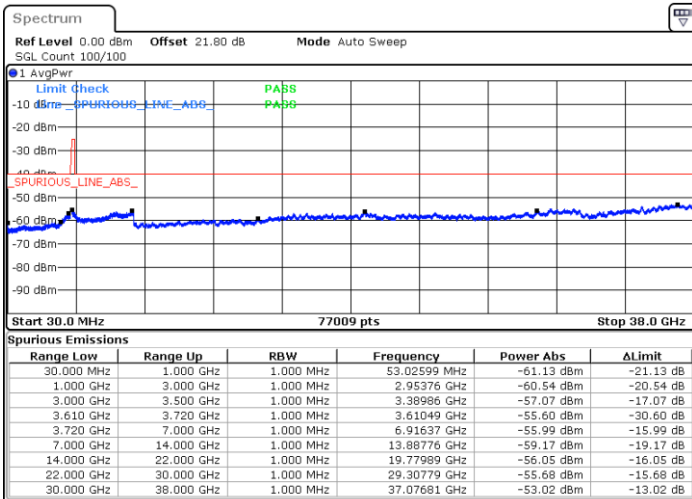


Date: 5.SEP.2021 14:50:14

Date: 5.SEP.2021 14:58:56

Lowest Channel / Full RB

N/A



Date: 5.SEP.2021 15:12:33

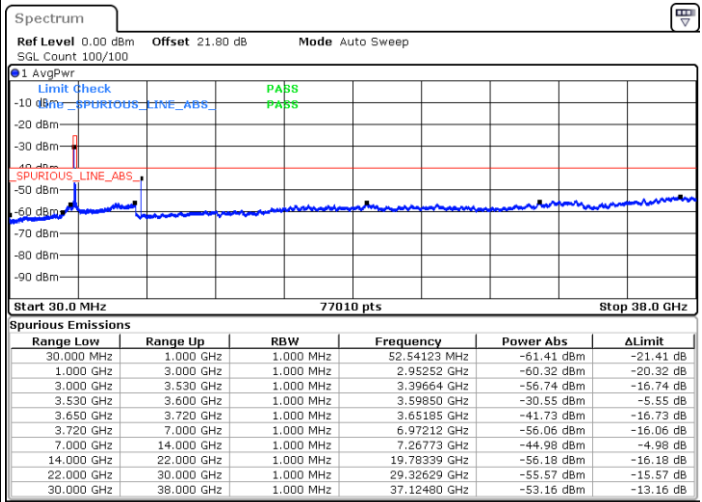
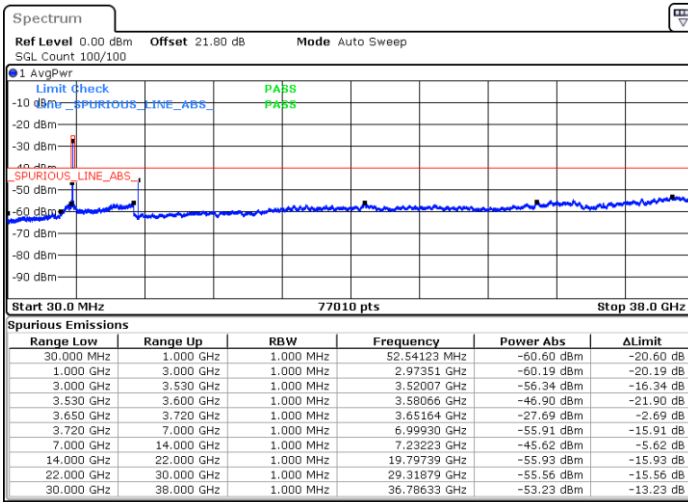


LTE Band 48 / 20MHz

16QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax

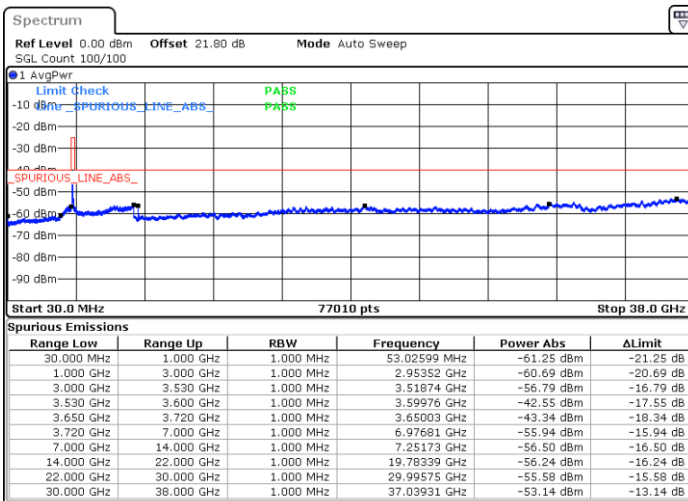


Date: 5.SEP.2021 15:22:50

Date: 5.SEP.2021 15:32:51

Middle Channel / Full RB

N/A



Date: 5.SEP.2021 15:49:14

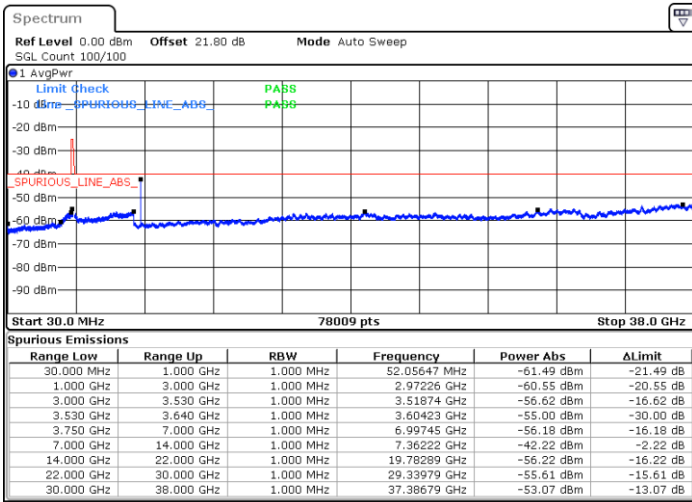


LTE Band 48 / 20MHz

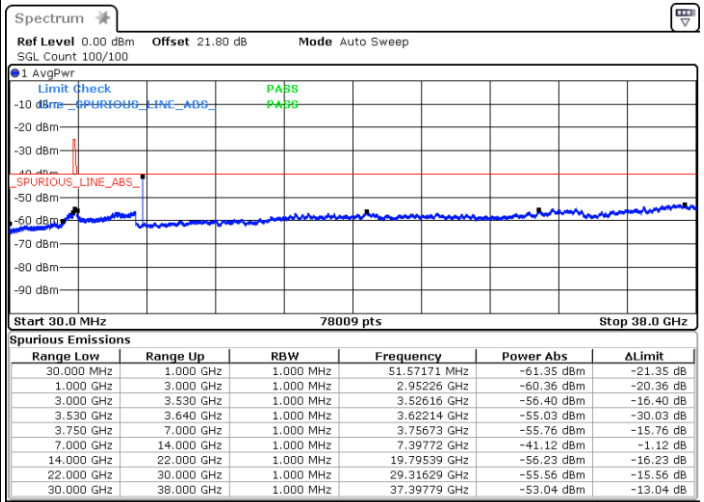
16QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



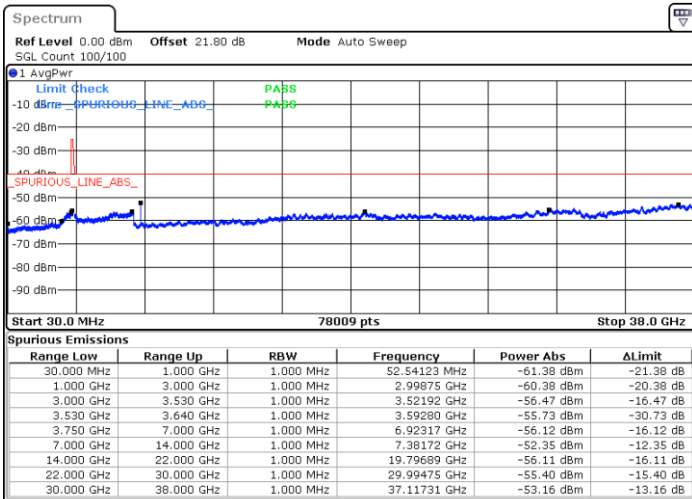
Date: 5.SEP.2021 16:09:28



Date: 5.SEP.2021 16:22:14

Highest Channel / Full RB

N/A



Date: 5.SEP.2021 16:55:17

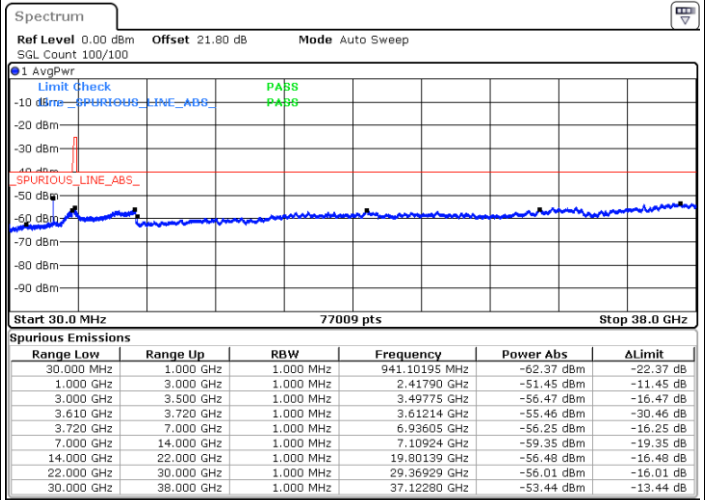
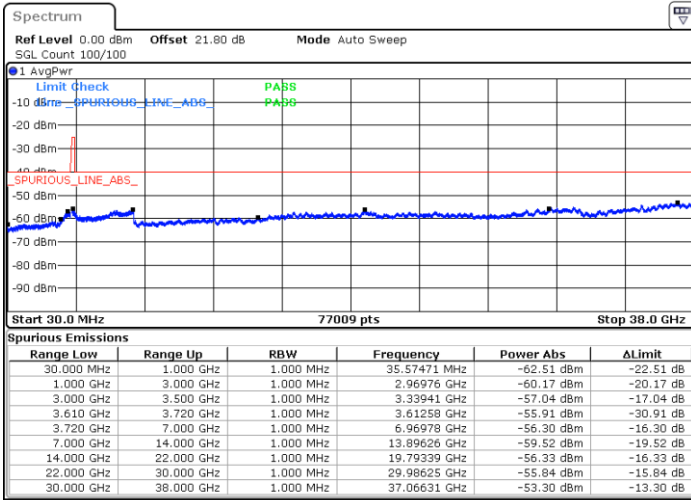


LTE Band 48 / 5MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

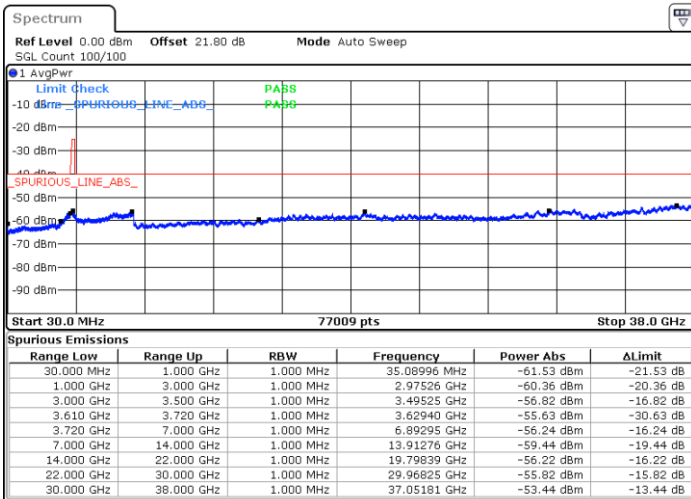


Date: 4.SEP.2021 18:01:26

Date: 4.SEP.2021 18:03:30

Lowest Channel / Full RB

N/A



Date: 4.SEP.2021 18:13:53

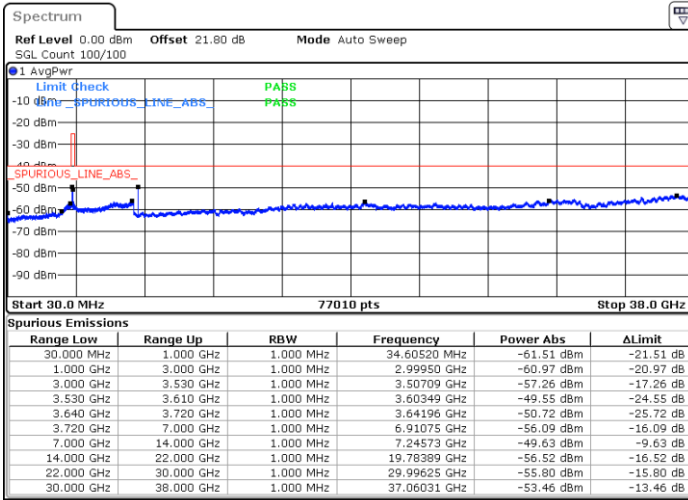


LTE Band 48 / 5MHz

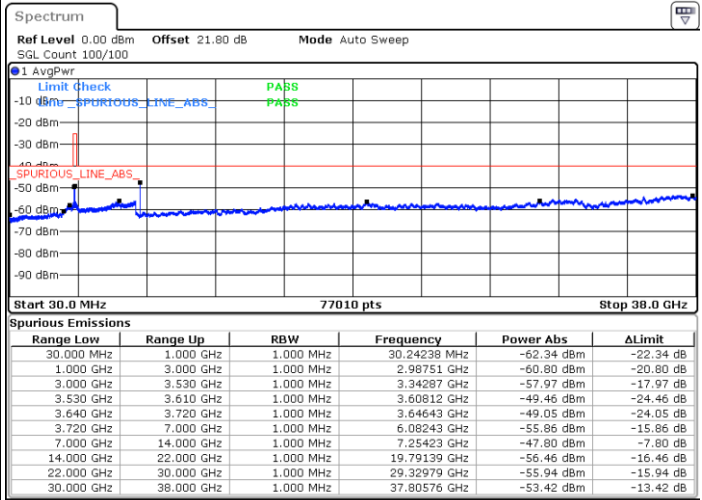
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



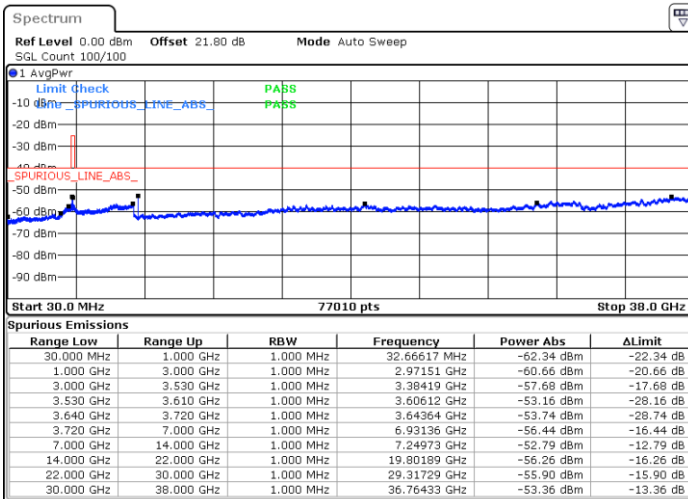
Date: 4.SEP.2021 18:29:38



Date: 4.SEP.2021 18:37:02

Middle Channel / Full RB

N/A



Date: 4.SEP.2021 18:45:27

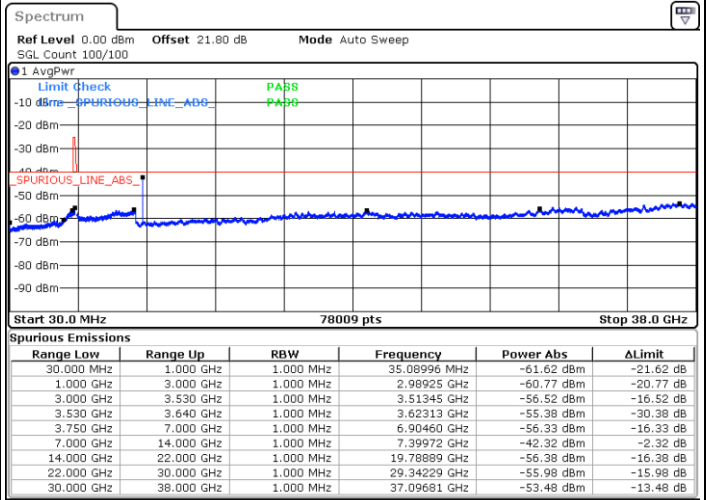
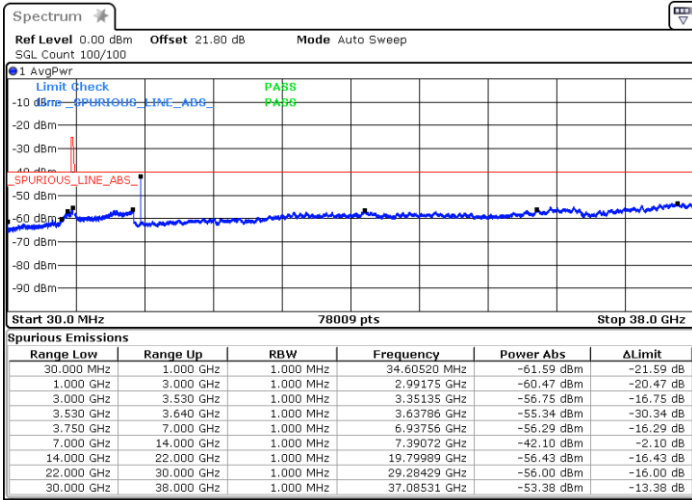


LTE Band 48 / 5MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

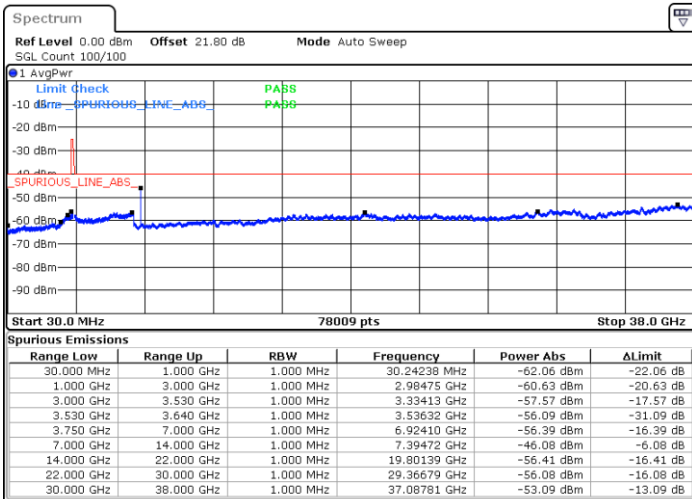


Date: 4.SEP.2021 19:00:35

Date: 4.SEP.2021 19:10:47

Highest Channel / Full RB

N/A



Date: 4.SEP.2021 19:17:38

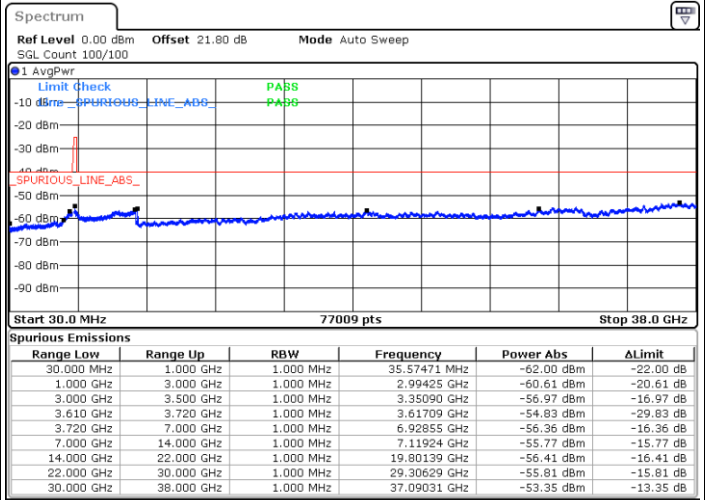
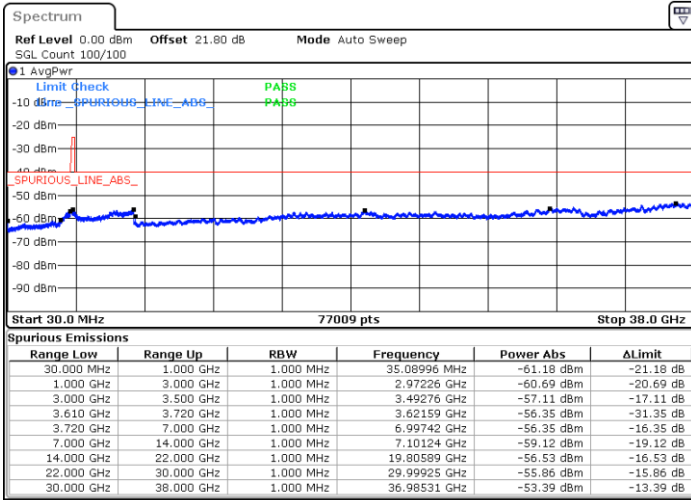


LTE Band 48 / 10MHz

64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax

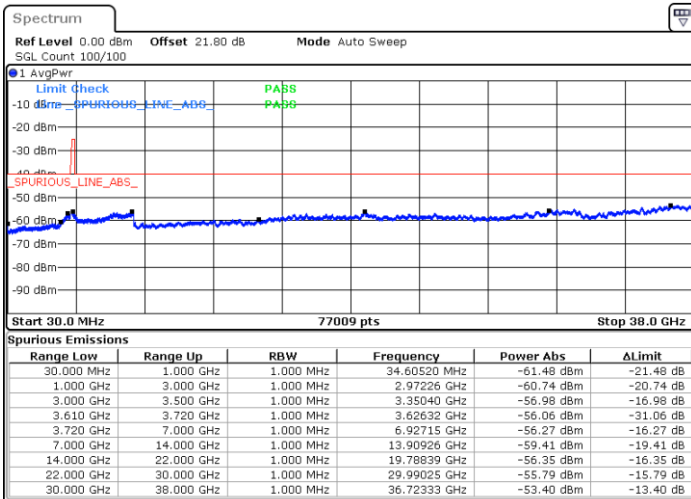


Date: 4.SEP.2021 19:26:11

Date: 4.SEP.2021 19:34:40

Lowest Channel / Full RB

N/A



Date: 4.SEP.2021 20:14:47

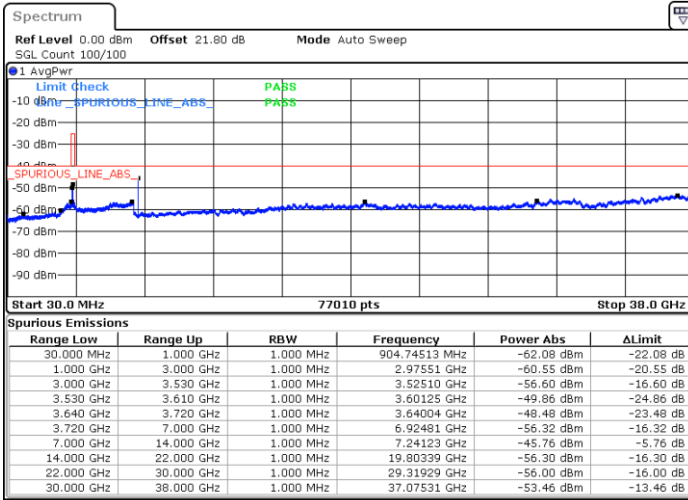


LTE Band 48 / 10MHz

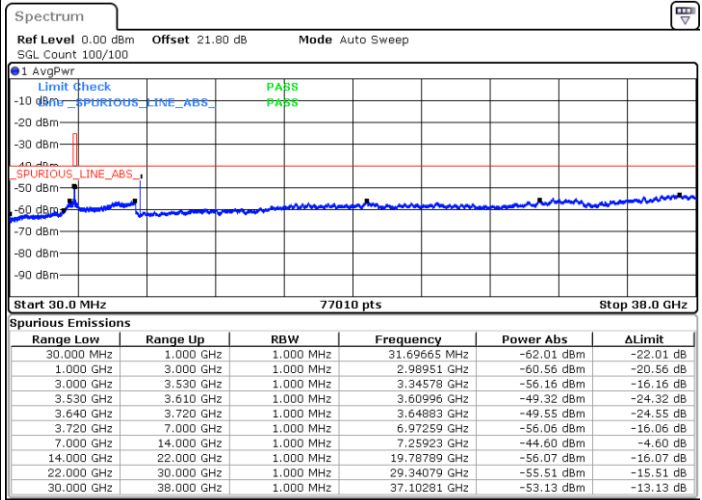
64QAM

MiddleChannel / 1RB0

Middle Channel / 1RBmax



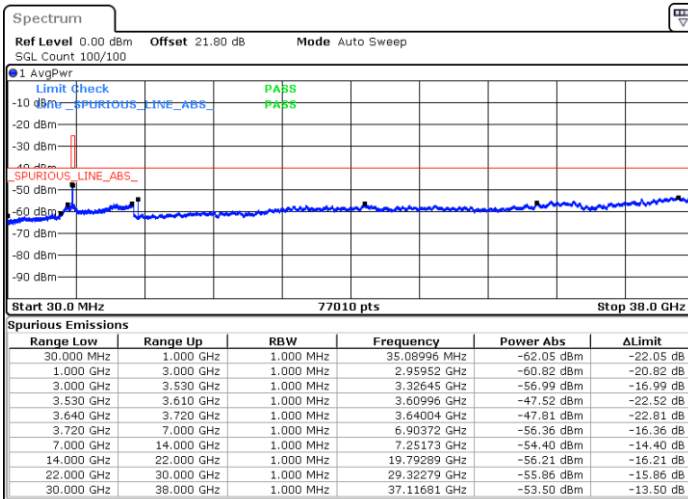
Date: 4.SEP.2021 20:50:37



Date: 5.SEP.2021 17:03:01

Middle Channel / Full RB

N/A



Date: 4.SEP.2021 21:03:58

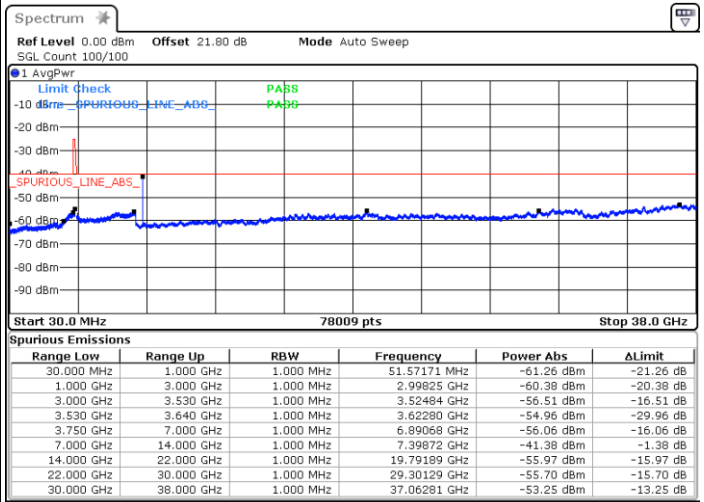
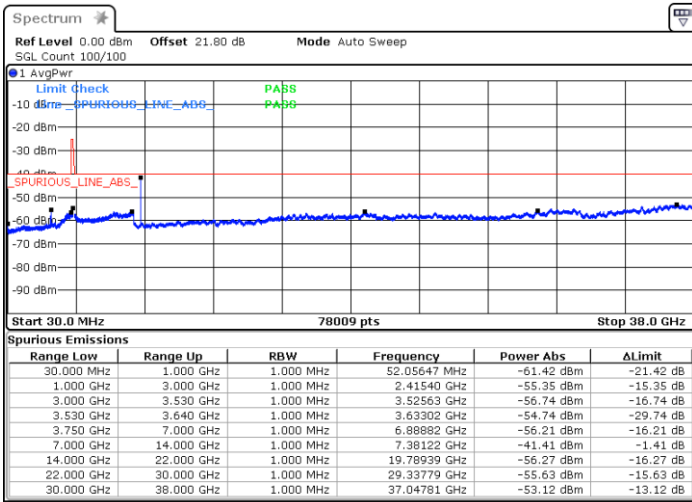


LTE Band 48 / 10MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

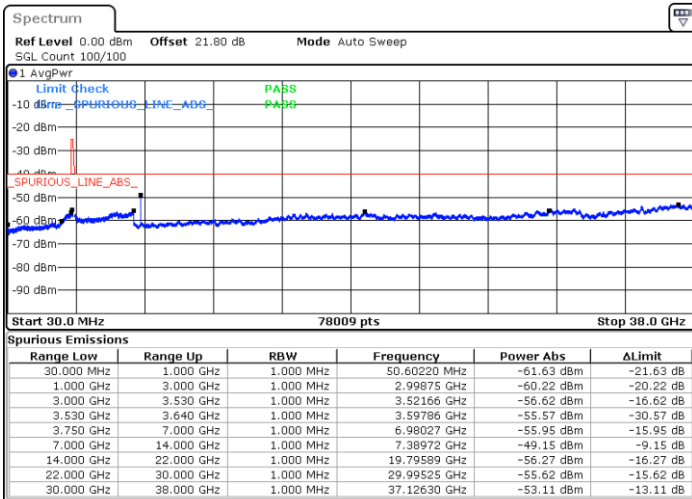


Date: 5.SEP.2021 11:54:38

Date: 5.SEP.2021 12:07:47

Highest Channel / Full RB

N/A



Date: 5.SEP.2021 12:14:16

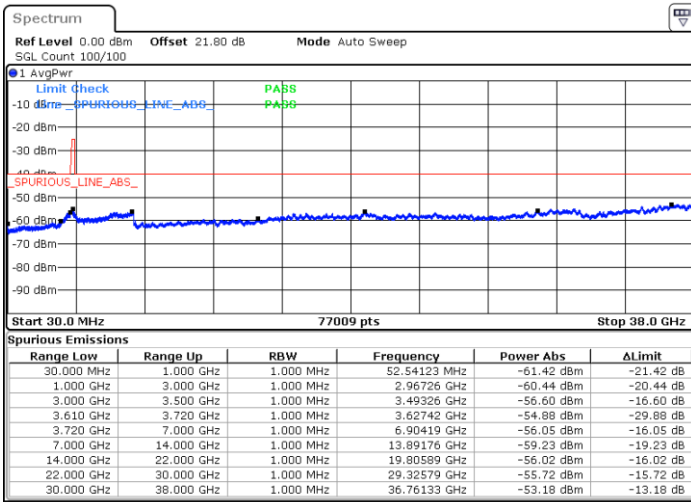


LTE Band 48 / 15MHz

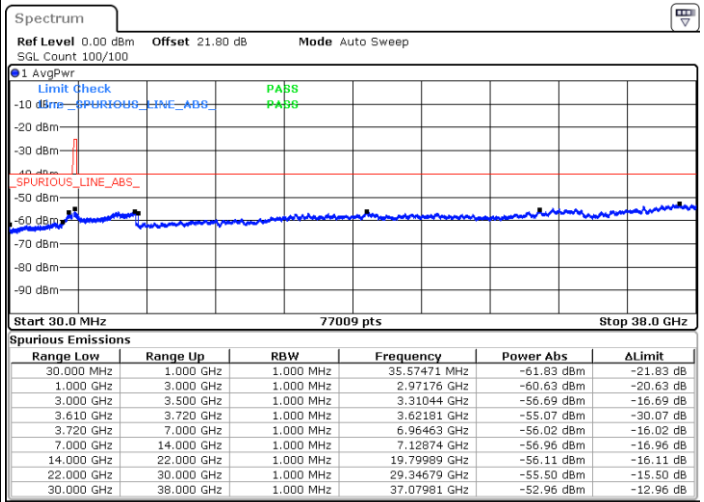
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



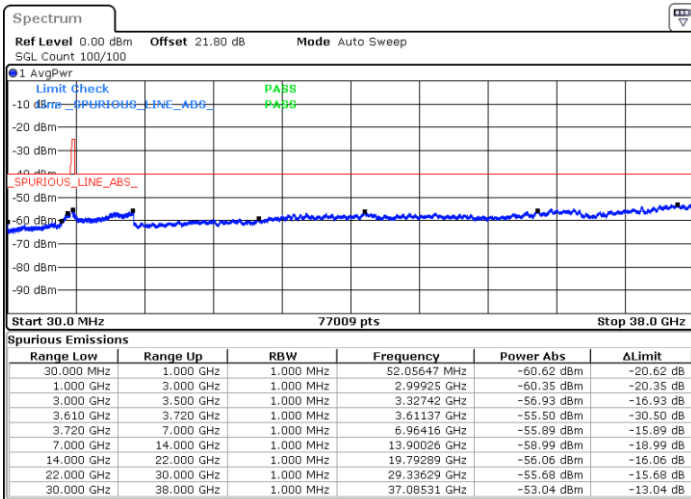
Date: 5.SEP.2021 12:22:38



Date: 5.SEP.2021 12:34:23

Lowest Channel / Full RB

N/A



Date: 5.SEP.2021 12:38:06

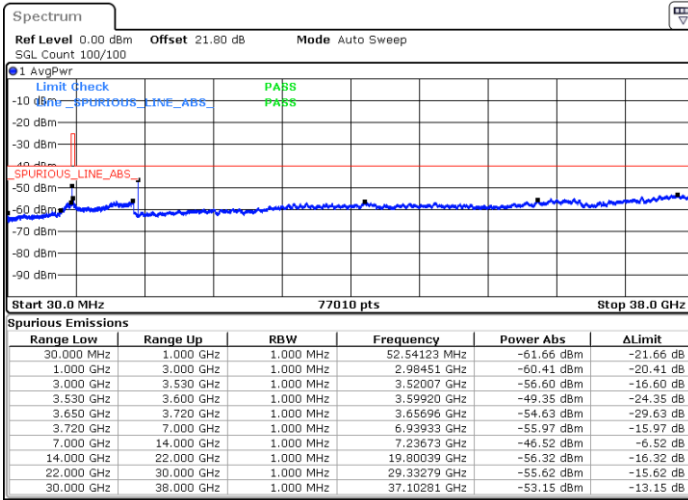


LTE Band 48 / 15MHz

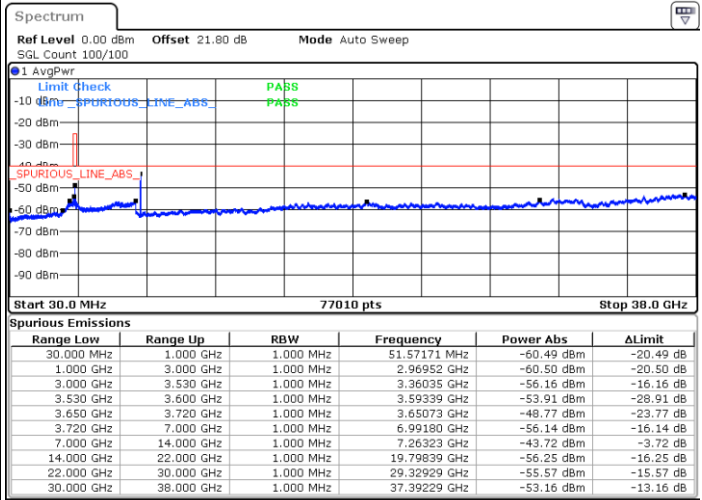
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



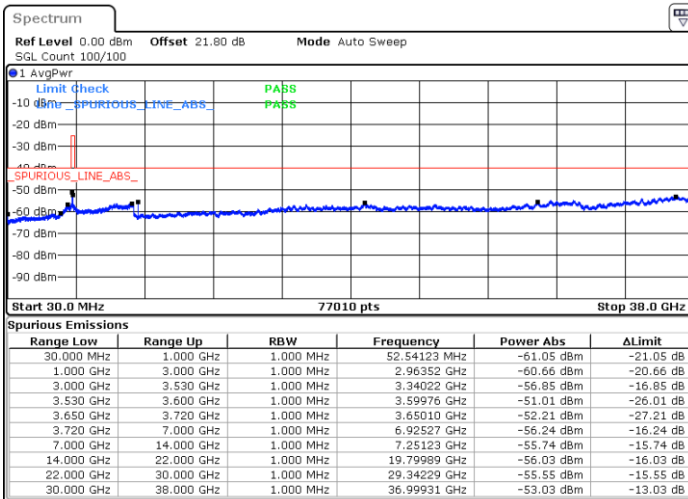
Date: 5.SEP.2021 12:57:35



Date: 5.SEP.2021 13:01:02

Middle Channel / Full RB

N/A



Date: 5.SEP.2021 13:47:14

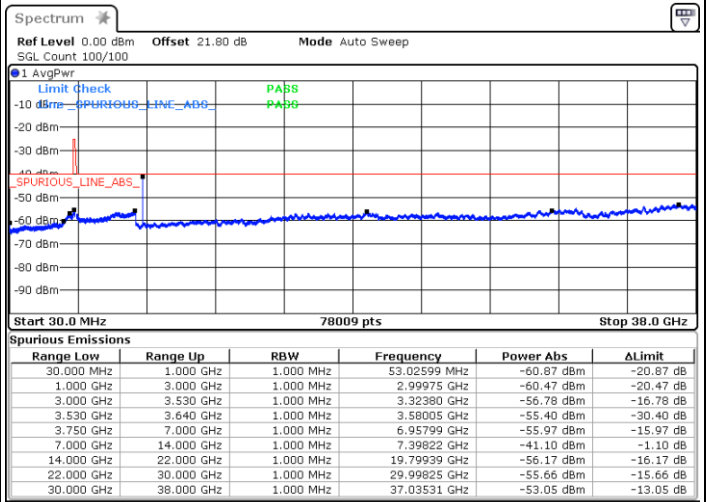
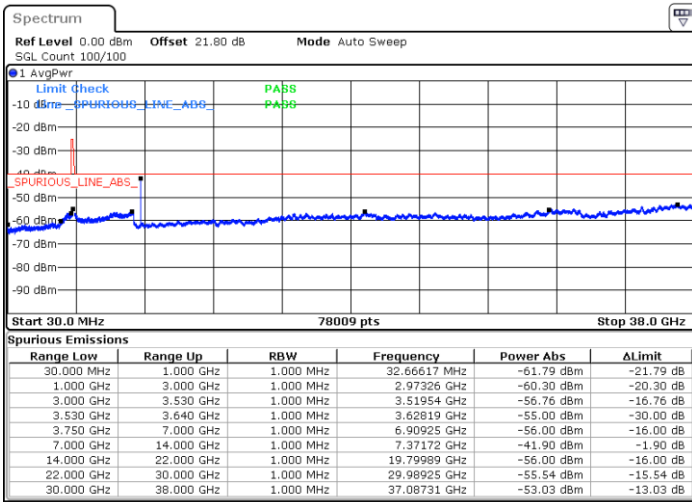


LTE Band 48 / 15MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

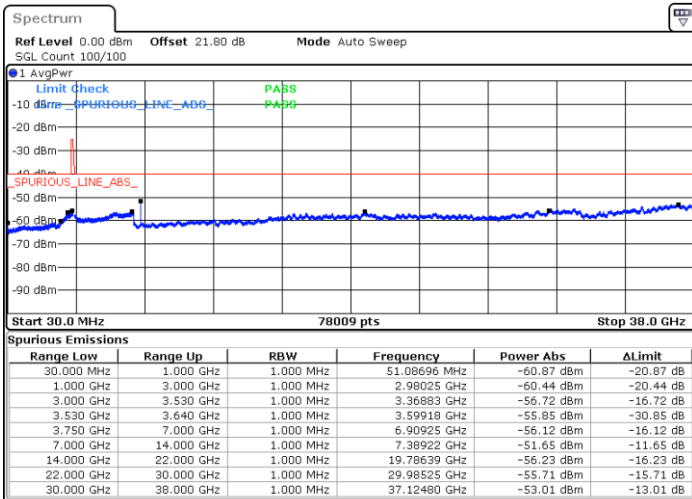


Date: 5.SEP.2021 14:14:56

Date: 5.SEP.2021 14:21:18

Highest Channel / Full RB

N/A



Date: 5.SEP.2021 14:40:10

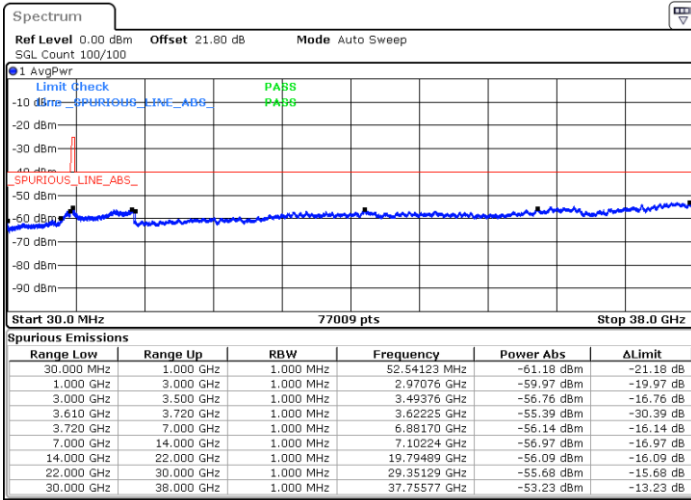


LTE Band 48 / 20MHz

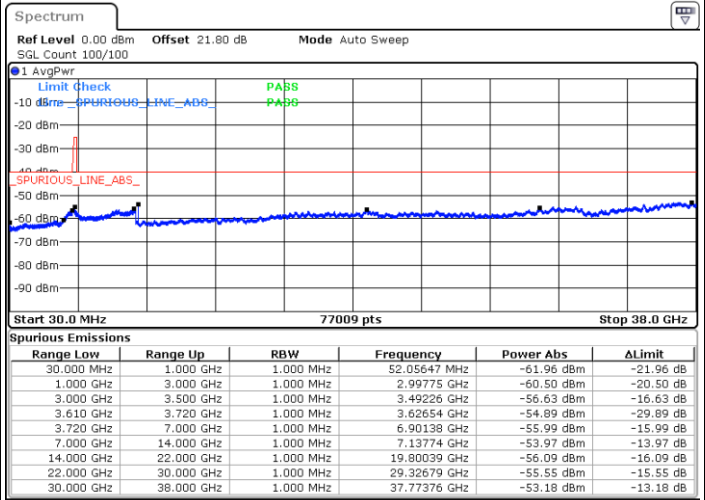
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



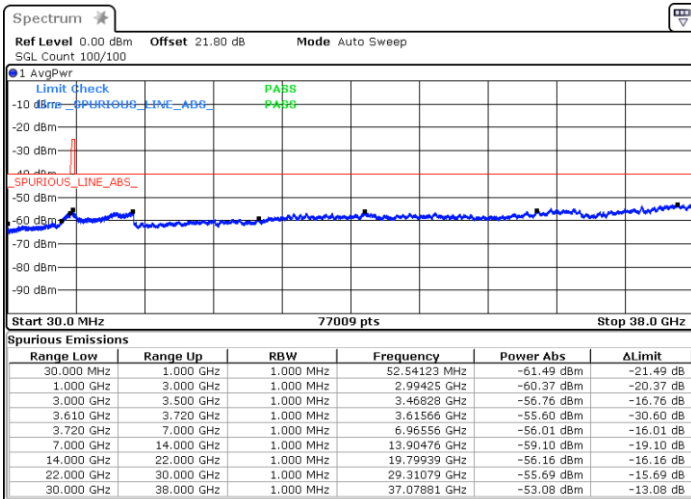
Date: 5.SEP.2021 14:54:11



Date: 5.SEP.2021 15:02:49

Lowest Channel / Full RB

N/A



Date: 5.SEP.2021 15:08:17

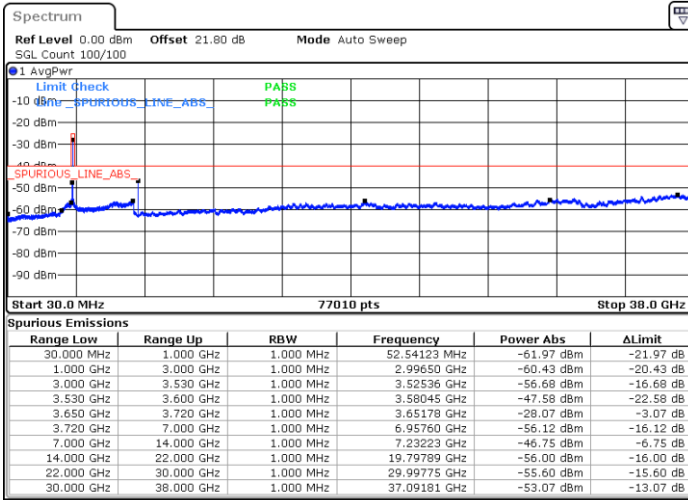


LTE Band 48 / 20MHz

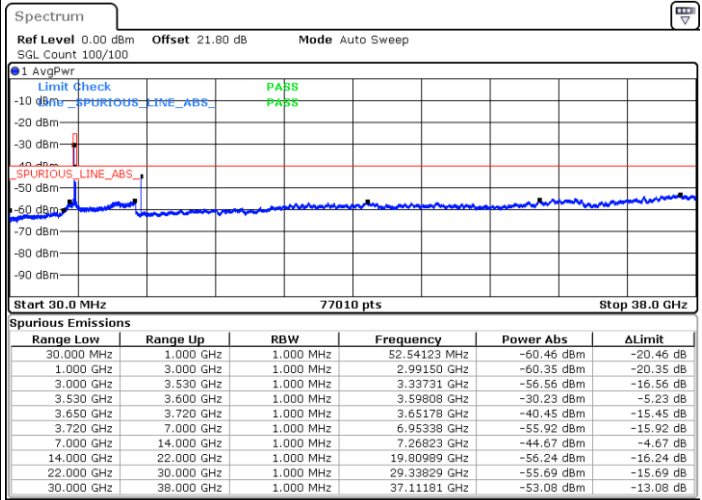
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



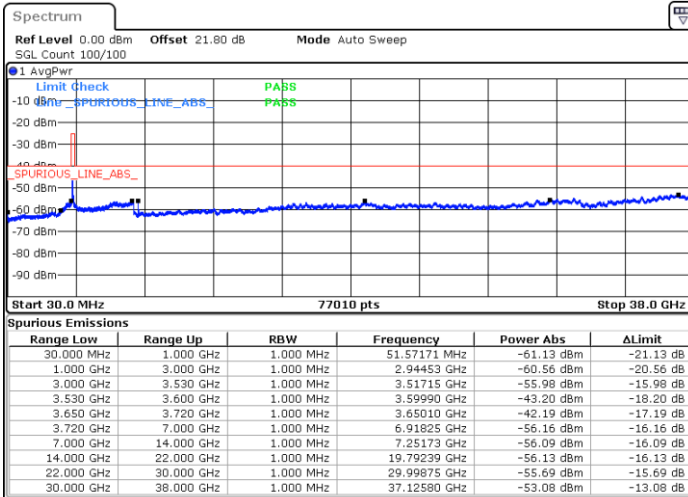
Date: 5.SEP.2021 15:25:44



Date: 5.SEP.2021 17:01:02

Middle Channel / Full RB

N/A



Date: 5.SEP.2021 15:53:01

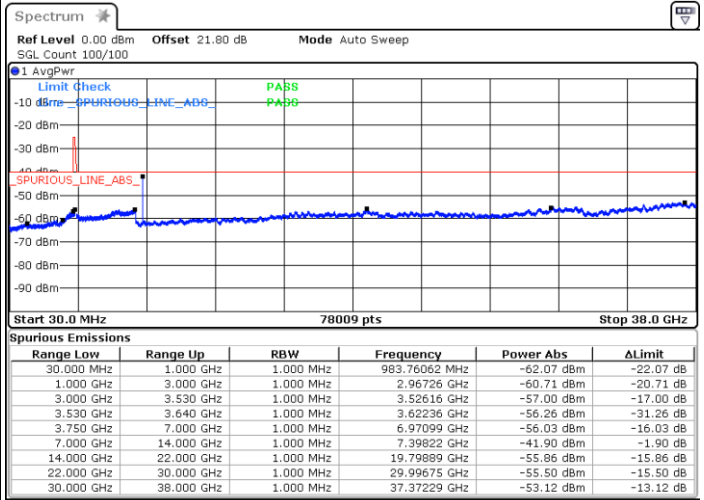
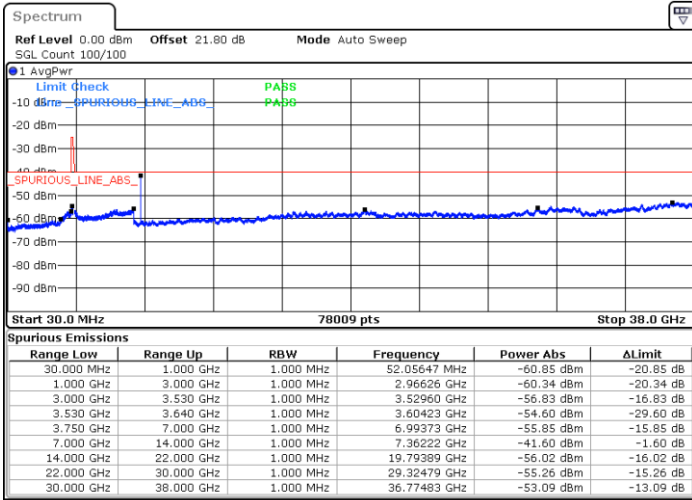


LTE Band 48 / 20MHz

64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax

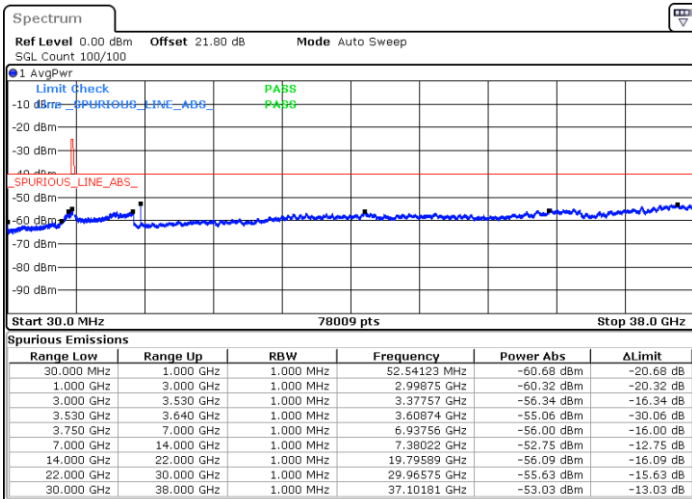


Date: 5.SEP.2021 16:14:49

Date: 5.SEP.2021 16:46:43

Highest Channel / Full RB

N/A



Date: 5.SEP.2021 16:59:13



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	0.0014	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0086	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0083	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0086	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0004	

Note:

1. Normal Voltage =48 V. ; Minimum Voltage =36V. ; Maximum Voltage =55 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C_CA <SISO mode Ant. 0>

26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)			
QPSK				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	24.88	30.03	34.97	24.88
Middle CH	25.03	30.03	34.97	24.98
Highest CH	24.98	29.97	35.04	24.98
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.97	39.88	-
Middle CH	29.91	34.97	40.04	-
Highest CH	29.97	35.04	39.96	-

Mode	LTE Band 48C : 26dB BW(MHz)			
16QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	24.98	29.97	35.32	24.98
Middle CH	24.83	29.91	34.90	24.98
Highest CH	24.93	29.97	34.90	24.88
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.03	34.83	39.88	-
Middle CH	30.15	35.11	39.80	-
Highest CH	30.09	34.76	39.80	-

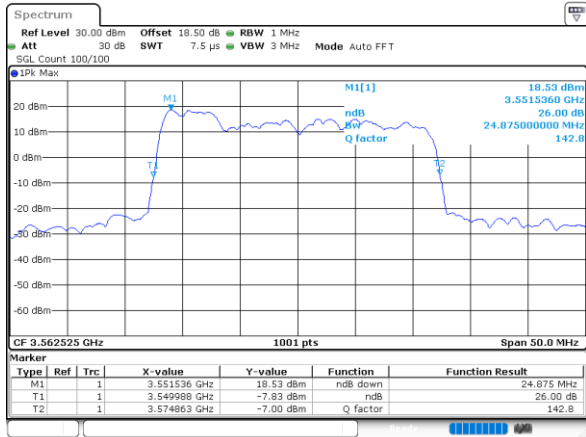
Mode	LTE Band 48C : 26dB BW(MHz)			
64QAM				
BW	5MHz+20MHz	10MHz+20MHz	15MHz+20MHz	20MHz+5MHz
Lowest CH	24.93	29.97	34.97	24.98
Middle CH	24.83	29.97	34.97	24.93
Highest CH	24.78	30.09	35.04	24.98
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Lowest CH	30.09	34.97	39.80	-
Middle CH	30.21	34.83	39.80	-
Highest CH	29.91	34.97	39.88	-



LTE Band 48C

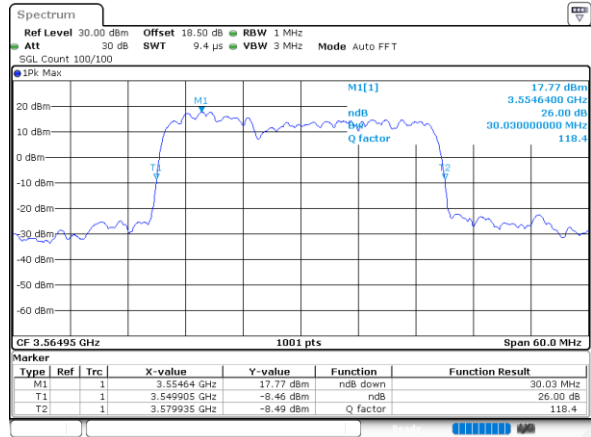
QPSK

Lowest Channel / 5MHz+20MHz



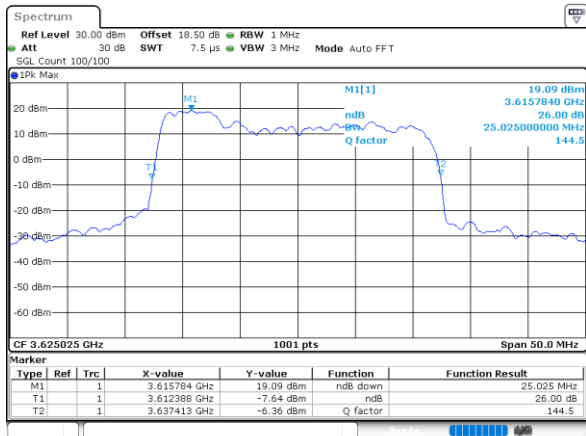
Date: 30_AUG_2021 03:19:13

Lowest Channel / 10MHz+20MHz



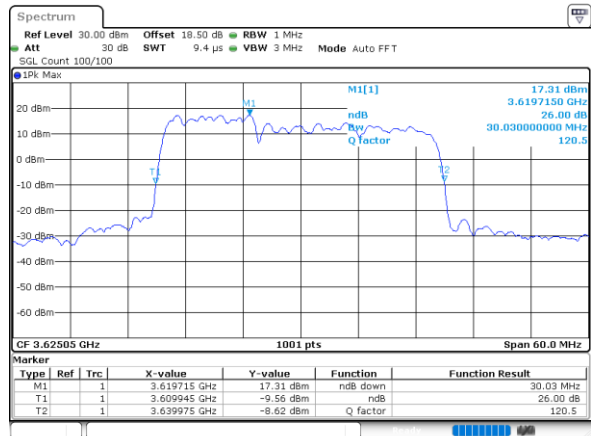
Date: 30_AUG_2021 03:10:13

Middle Channel / 5MHz+20MHz



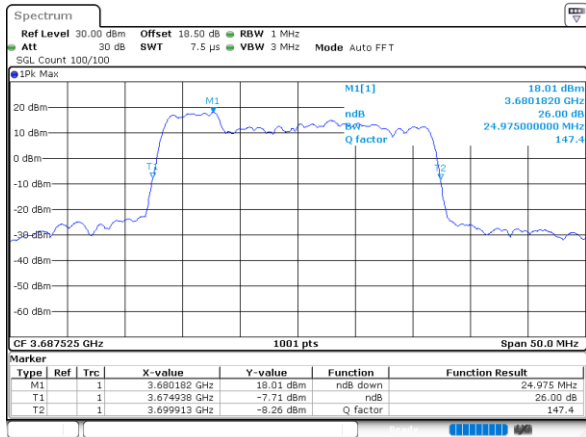
Date: 30_AUG_2021 03:21:41

Middle Channel / 10MHz+20MHz



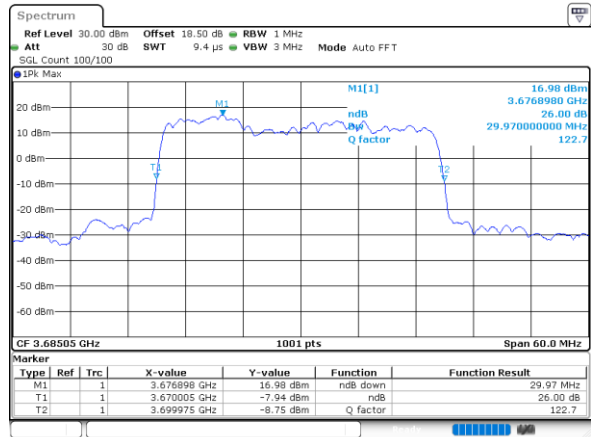
Date: 30_AUG_2021 03:11:08

Highest Channel / 5MHz+20MHz



Date: 30_AUG_2021 03:23:22

Highest Channel / 10MHz+20MHz



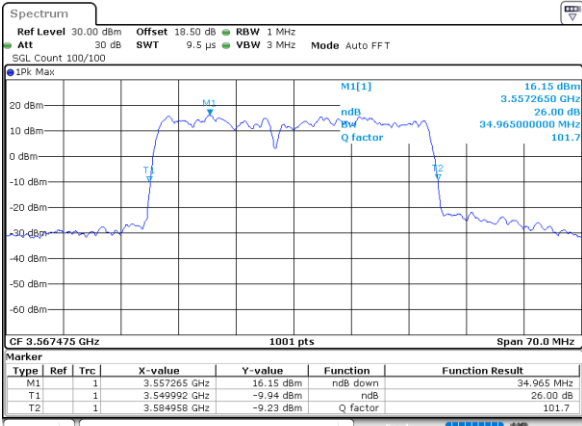
Date: 30_AUG_2021 03:14:01



LTE Band 48C

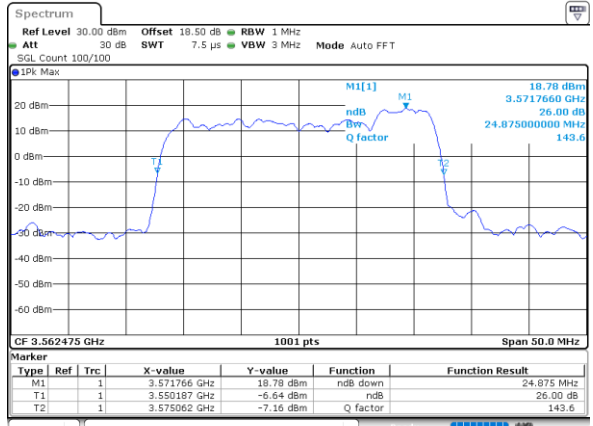
QPSK

Lowest Channel / 15MHz+20MHz



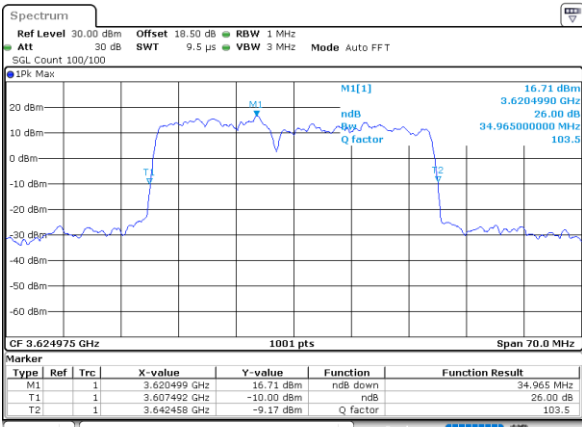
Date: 30.AUG.2021 01:51:55

Lowest Channel / 20MHz+5MHz



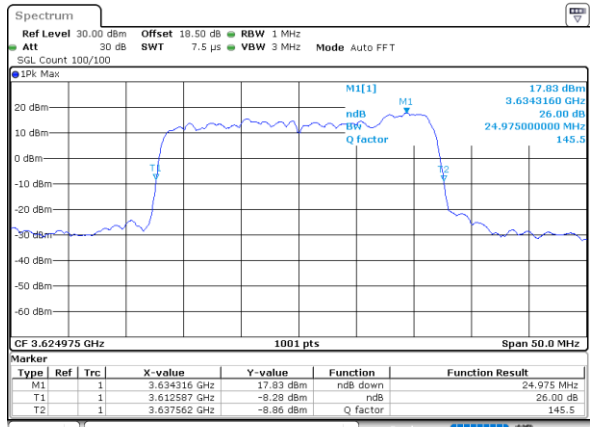
Date: 30.AUG.2021 02:16:57

Middle Channel / 15MHz+20MHz



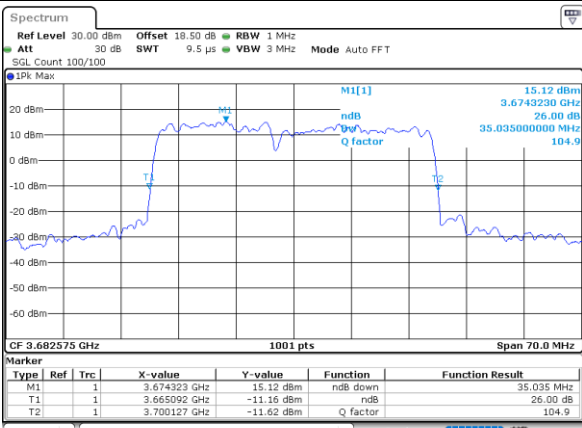
Date: 30.AUG.2021 01:46:56

Middle Channel / 20MHz+5MHz



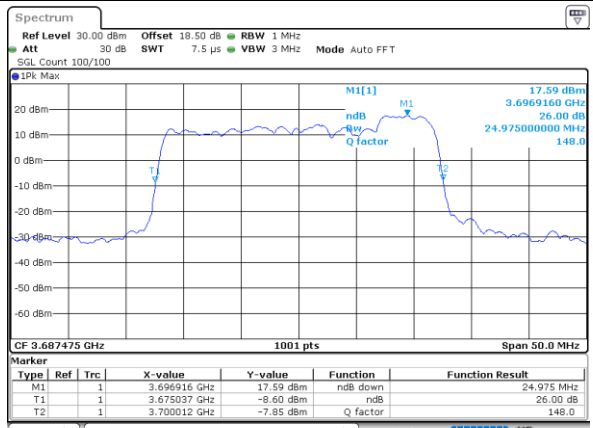
Date: 30.AUG.2021 03:10:16

Highest Channel / 15MHz+20MHz



Date: 30.AUG.2021 01:45:22

Highest Channel / 20MHz+5MHz



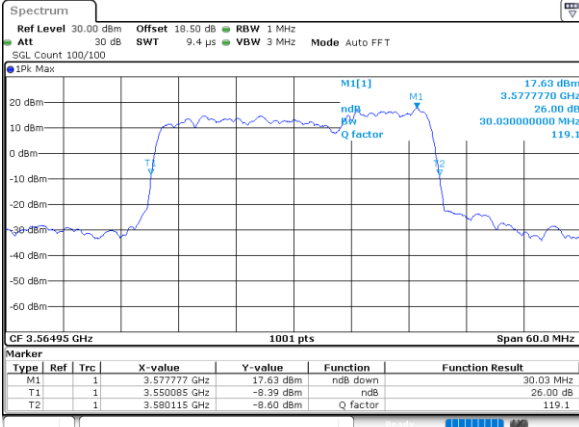
Date: 30.AUG.2021 03:10:145



LTE Band 48C

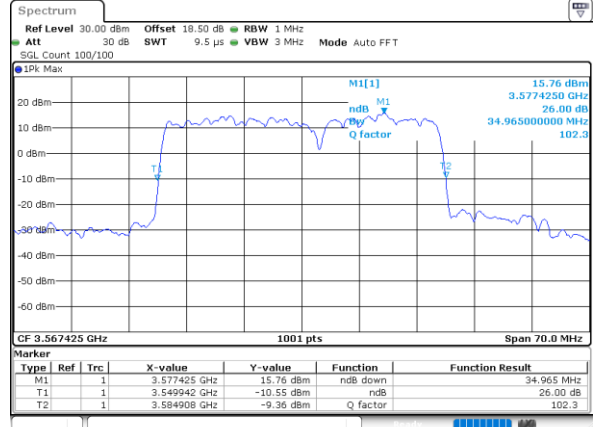
QPSK

Lowest Channel / 20MHz+10MHz



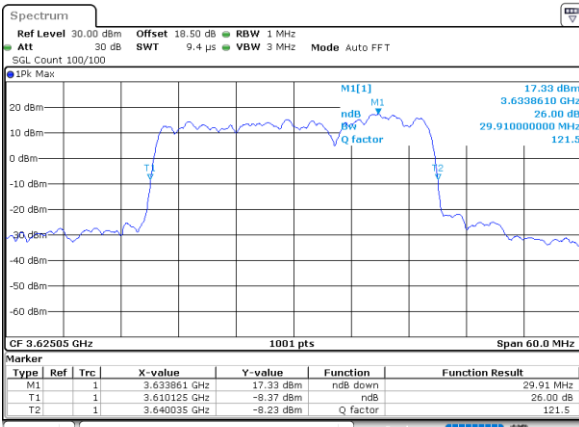
Date: 30_AUG_2021 02:16:33

Lowest Channel / 20MHz+15MHz



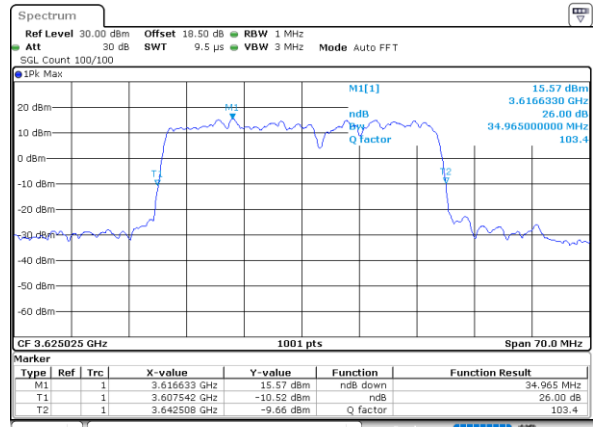
Date: 30_AUG_2021 02:10:18

Middle Channel / 20MHz+10MHz



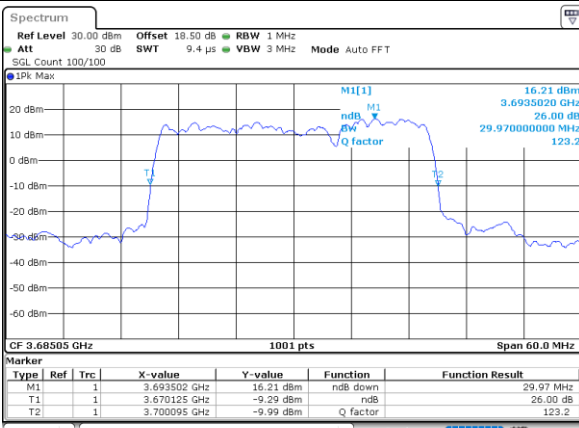
Date: 30_AUG_2021 02:19:33

Middle Channel / 20MHz+15MHz



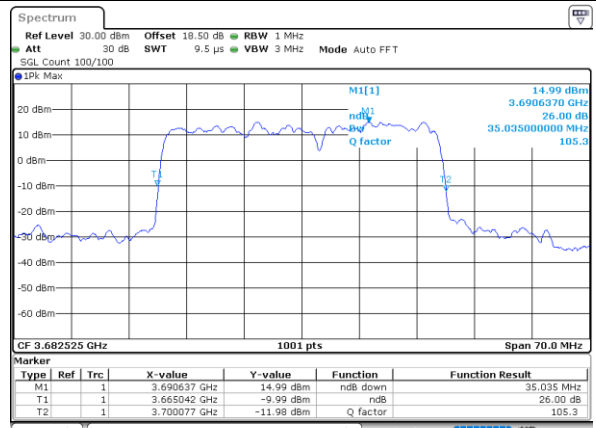
Date: 30_AUG_2021 02:10:19

Highest Channel / 20MHz+10MHz



Date: 30_AUG_2021 02:22:39

Highest Channel / 20MHz+15MHz



Date: 30_AUG_2021 02:13:21

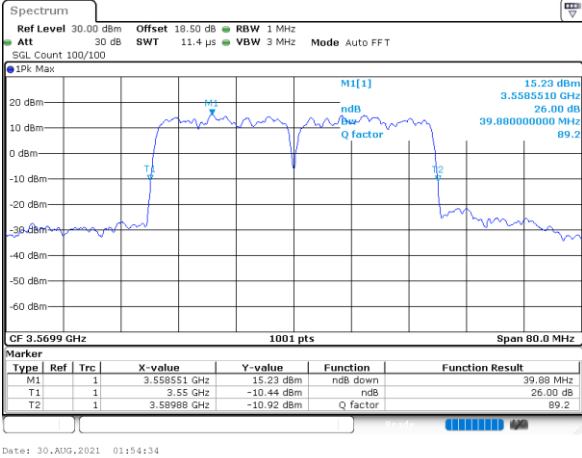


LTE Band 48C

QPSK

Lowest Channel / 20MHz+20MHz

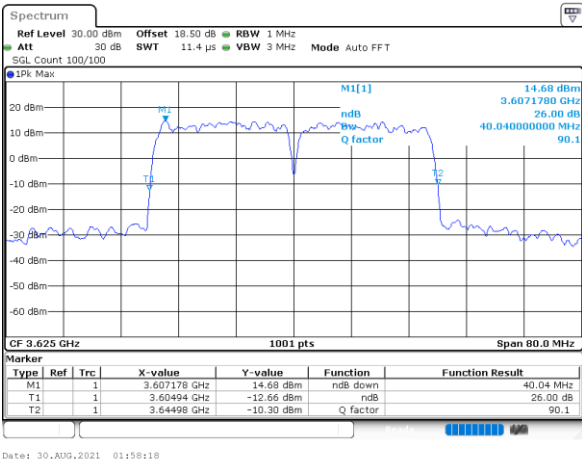
N/A



Date: 30_AUG_2021 01:54:34

Middle Channel / 20MHz+20MHz

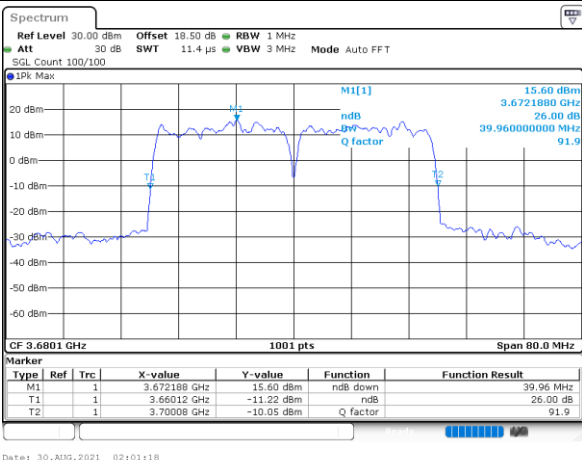
N/A



Date: 30_AUG_2021 01:58:18

Highest Channel / 20MHz+20MHz

N/A



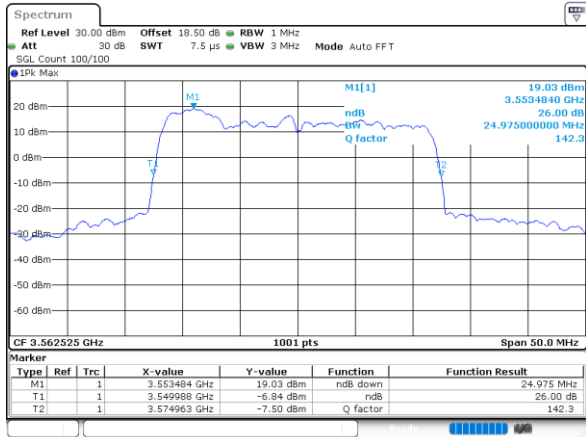
Date: 30_AUG_2021 02:01:18



LTE Band 48C

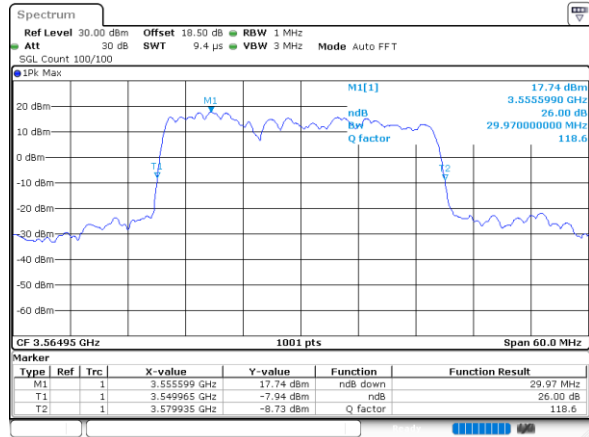
16QAM

Lowest Channel / 5MHz+20MHz



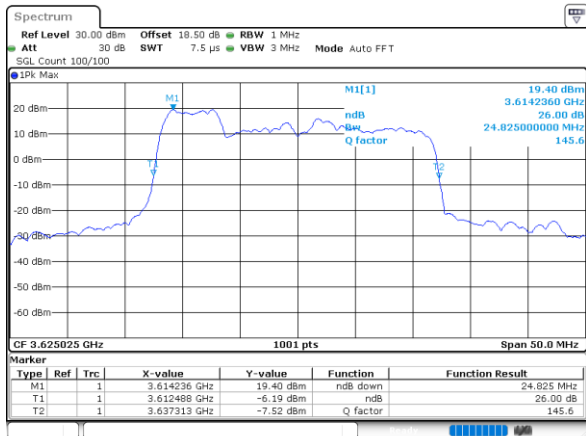
Date: 30.AUG.2021 03:19:34

Lowest Channel / 10MHz+20MHz



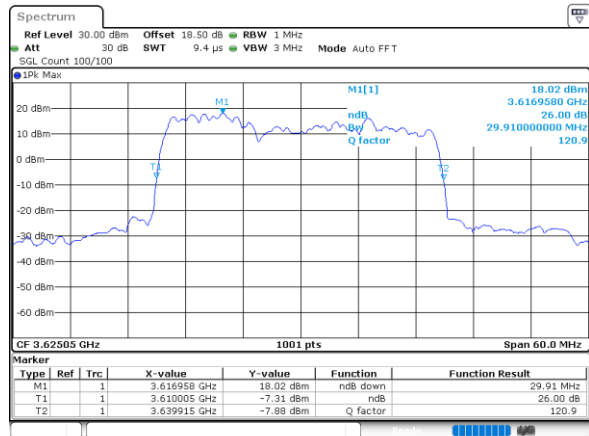
Date: 30.AUG.2021 03:18:44

Middle Channel / 5MHz+20MHz



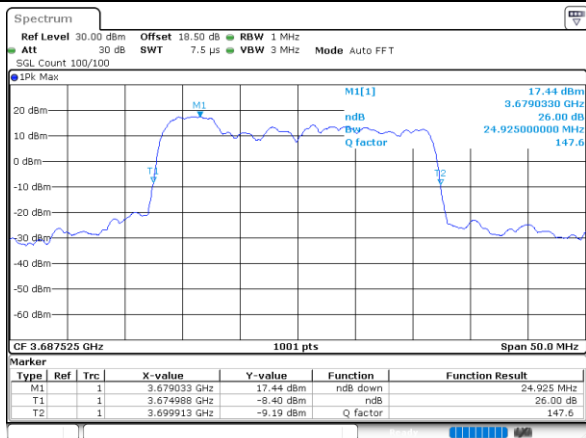
Date: 30.AUG.2021 03:21:28

Middle Channel / 10MHz+20MHz



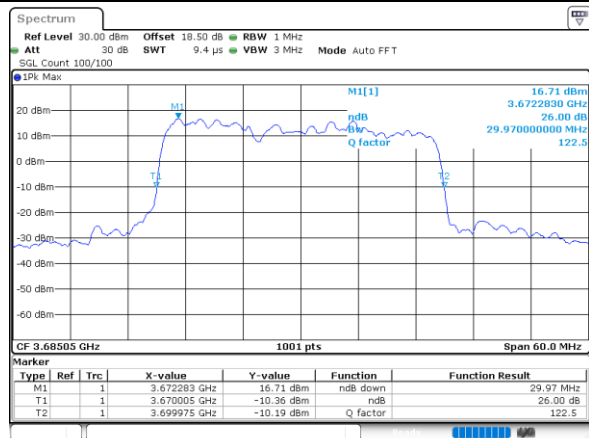
Date: 30.AUG.2021 03:13:35

Highest Channel / 5MHz+20MHz



Date: 30.AUG.2021 03:23:36

Highest Channel / 10MHz+20MHz



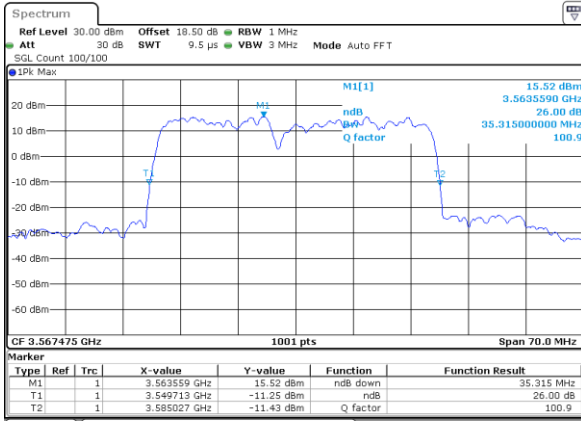
Date: 30.AUG.2021 03:13:47



LTE Band 48C

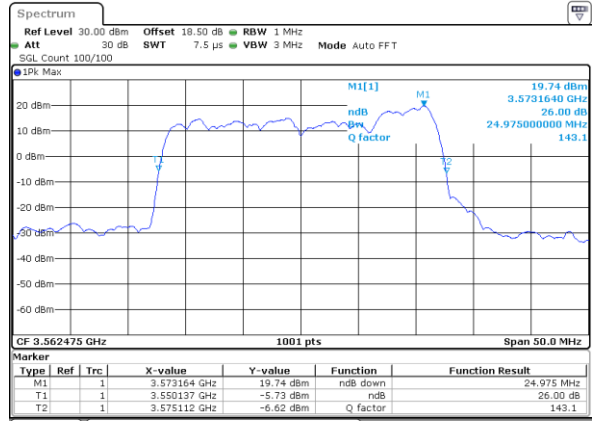
16QAM

Lowest Channel / 15MHz+20MHz



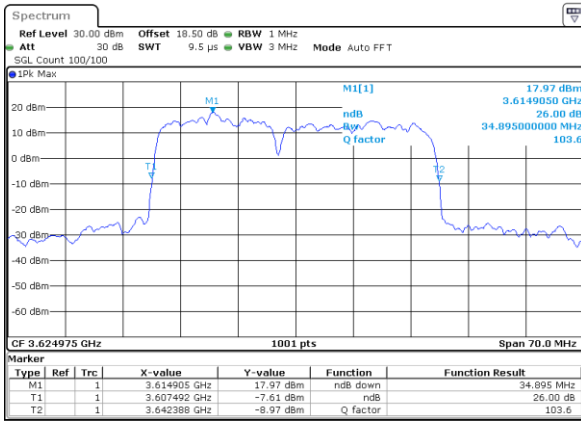
Date: 30.AUG.2021 01:50:52

Lowest Channel / 20MHz+5MHz



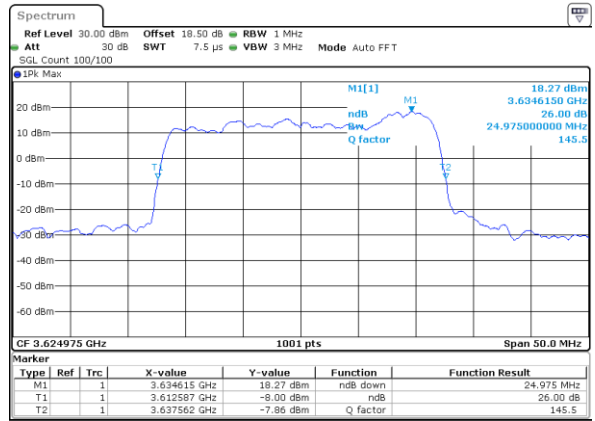
Date: 30.AUG.2021 02:15:21

Middle Channel / 15MHz+20MHz



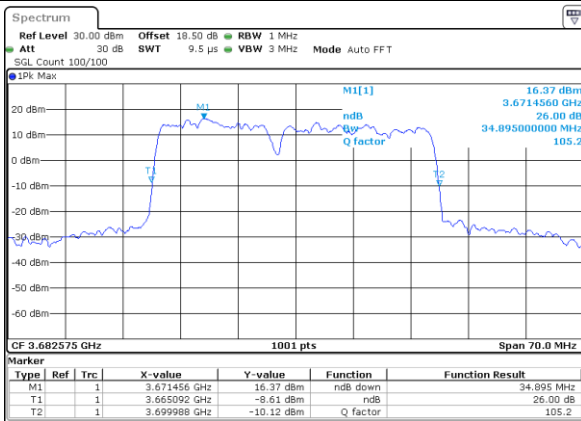
Date: 30.AUG.2021 01:47:19

Middle Channel / 20MHz+5MHz



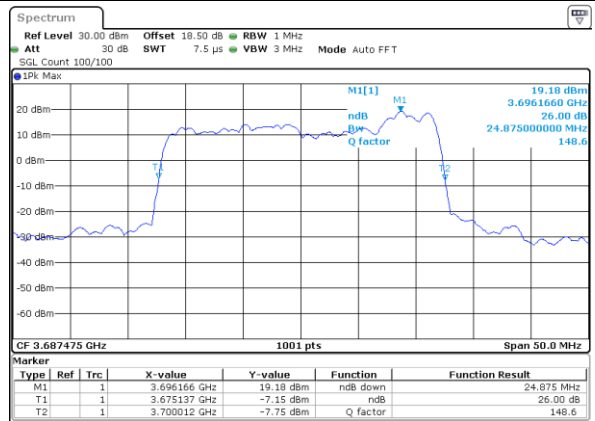
Date: 30.AUG.2021 03:00:00

Highest Channel / 15MHz+20MHz



Date: 30.AUG.2021 01:44:37

Highest Channel / 20MHz+5MHz



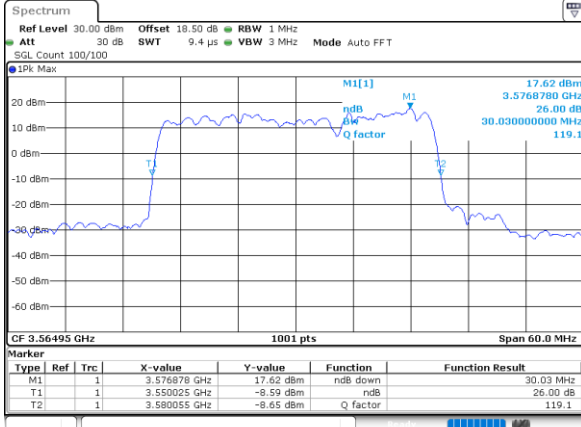
Date: 30.AUG.2021 03:10:23



LTE Band 48C

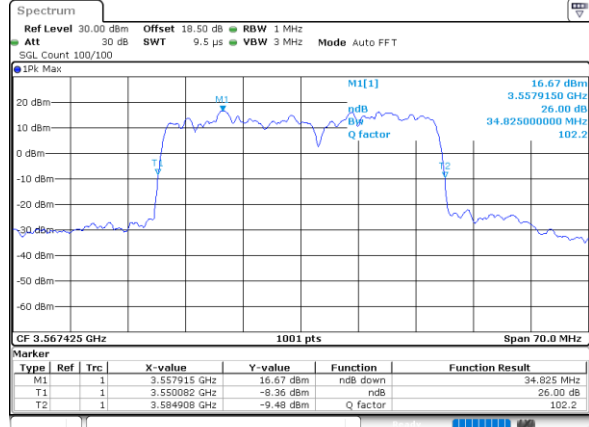
16QAM

Lowest Channel / 20MHz+10MHz



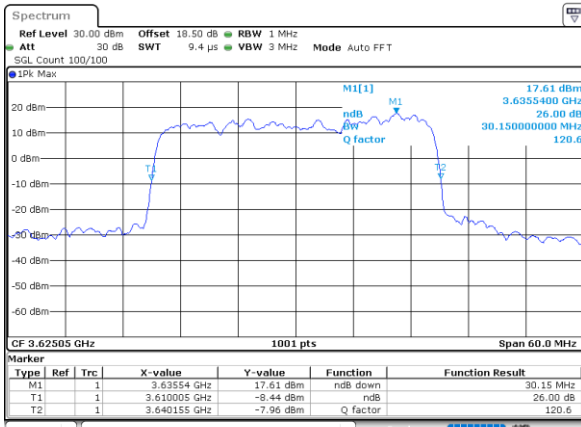
Date: 30_AUG_2021 02:16:53

Lowest Channel / 20MHz+15MHz



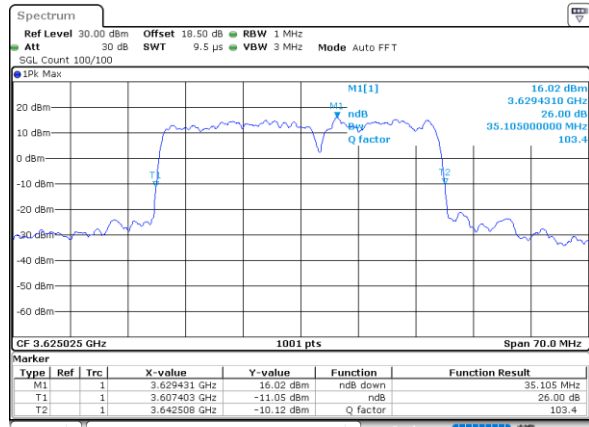
Date: 30_AUG_2021 02:10:03

Middle Channel / 20MHz+10MHz



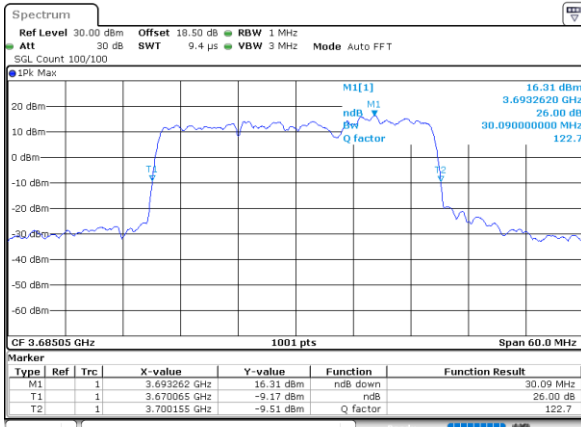
Date: 30_AUG_2021 02:19:13

Middle Channel / 20MHz+15MHz



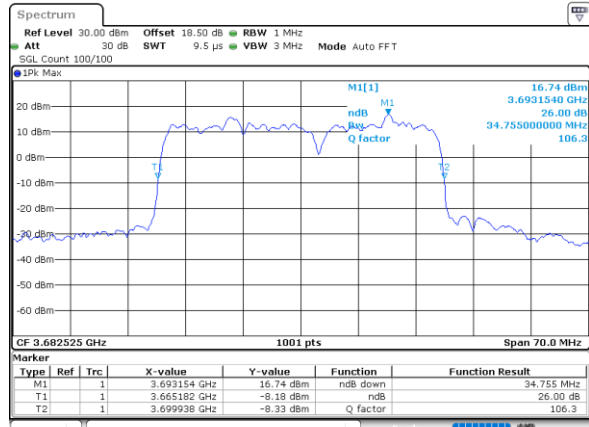
Date: 30_AUG_2021 02:10:36

Highest Channel / 20MHz+10MHz



Date: 30_AUG_2021 02:23:00

Highest Channel / 20MHz+15MHz



Date: 30_AUG_2021 02:13:06

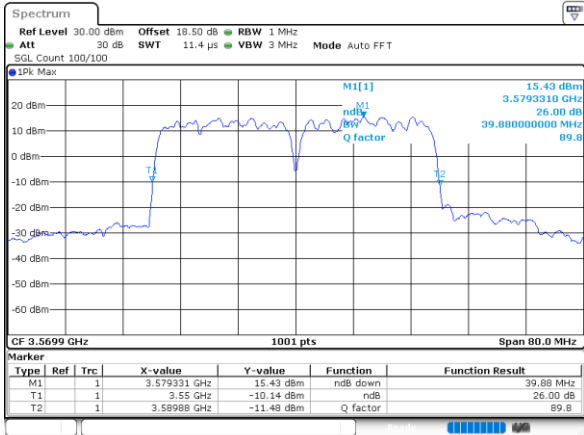


LTE Band 48C

16QAM

Lowest Channel / 20MHz+20MHz

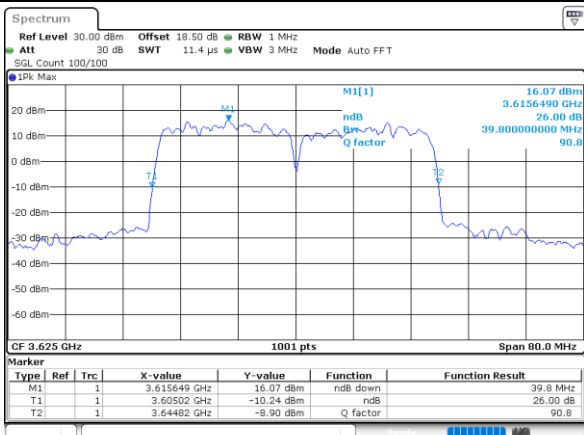
N/A



Date: 30_AUG_2021 01:54:52

Middle Channel / 20MHz+20MHz

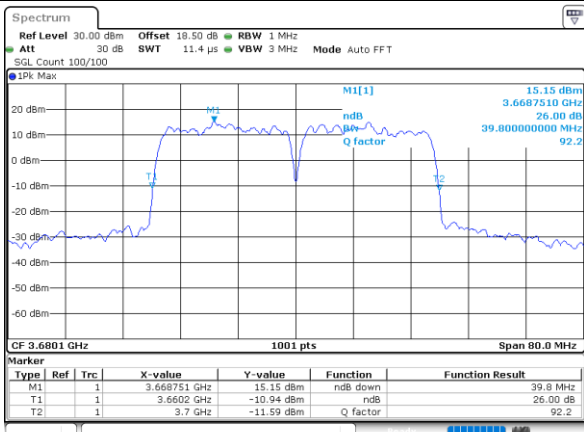
N/A



Date: 30_AUG_2021 01:57:53

Highest Channel / 20MHz+20MHz

N/A



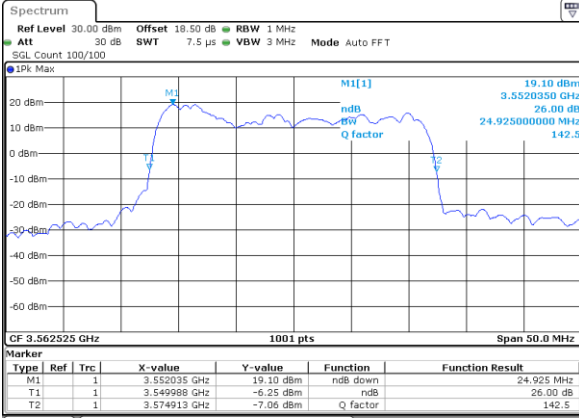
Date: 30_AUG_2021 02:01:37



LTE Band 48C

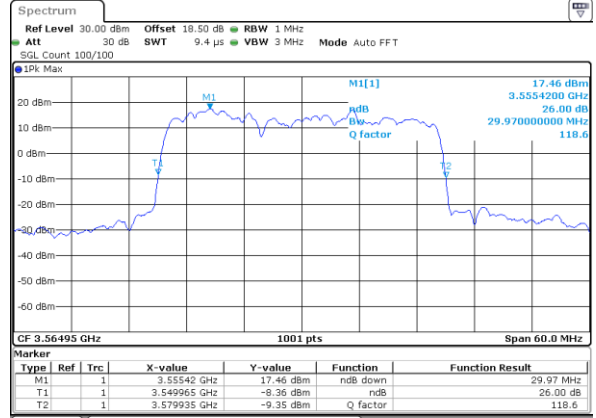
64QAM

Lowest Channel / 5MHz+20MHz



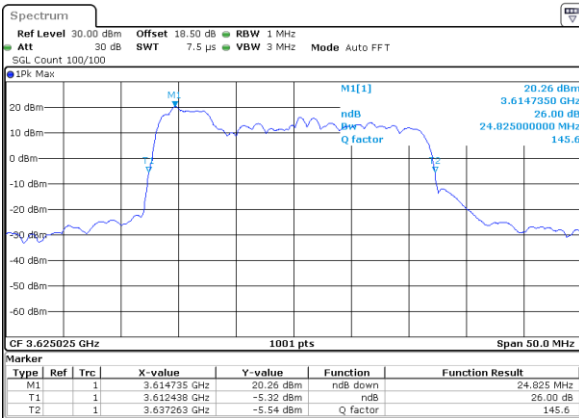
Date: 30_AUG_2021 03:19:50

Lowest Channel / 10MHz+20MHz



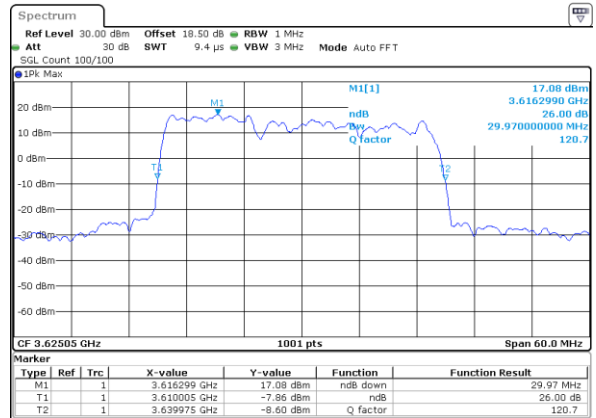
Date: 30_AUG_2021 03:10:11

Middle Channel / 5MHz+20MHz



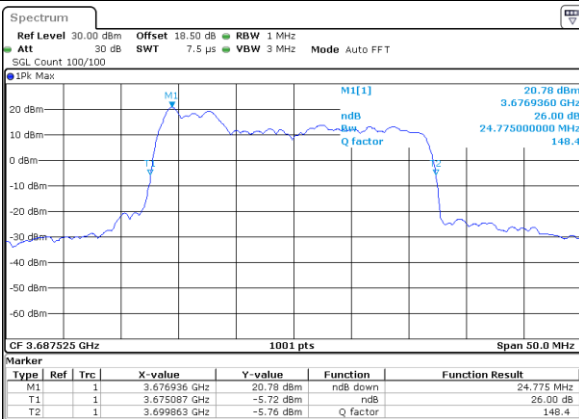
Date: 30_AUG_2021 03:21:13

Middle Channel / 10MHz+20MHz



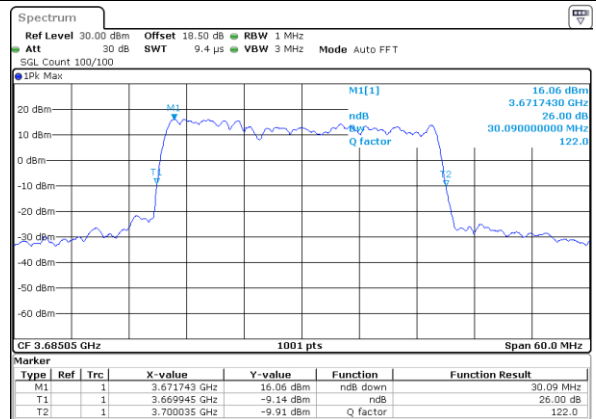
Date: 30_AUG_2021 03:12:05

Highest Channel / 5MHz+20MHz



Date: 30_AUG_2021 03:23:50

Highest Channel / 10MHz+20MHz



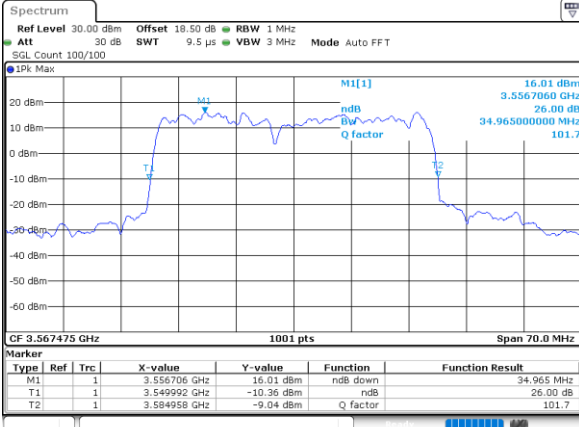
Date: 30_AUG_2021 03:13:34



LTE Band 48C

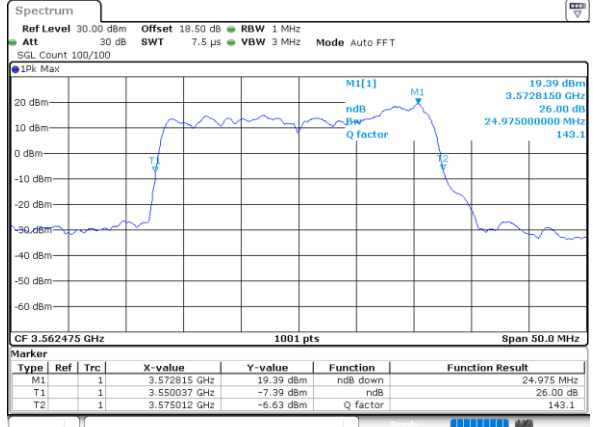
64QAM

Lowest Channel / 15MHz+20MHz



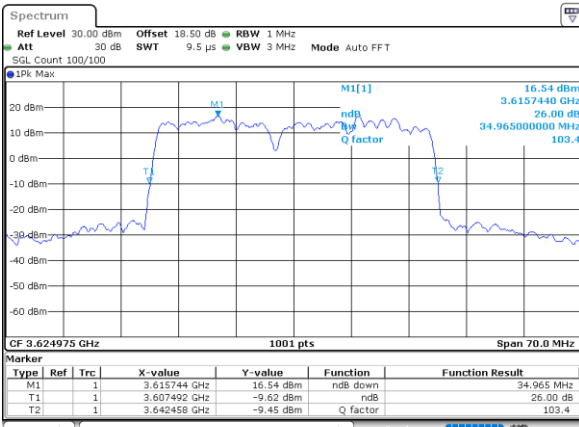
Date: 30_AUG.2021 01:50:28

Lowest Channel / 20MHz+5MHz



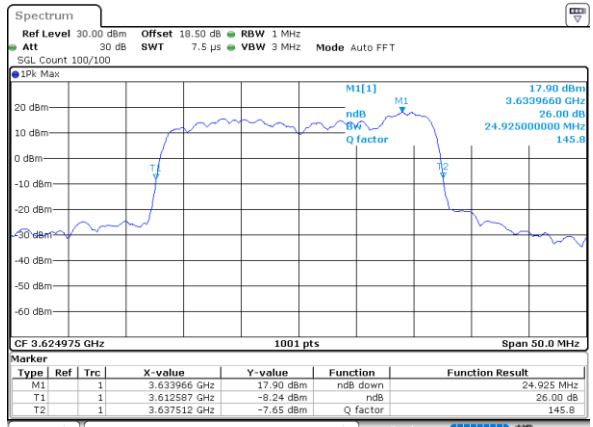
Date: 30_AUG.2021 02:15:10

Middle Channel / 15MHz+20MHz



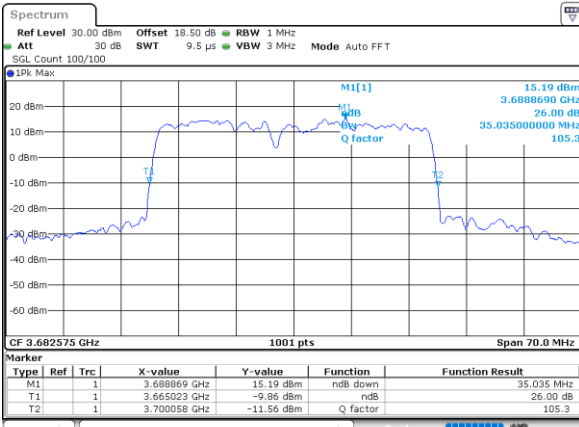
Date: 30_AUG.2021 01:47:41

Middle Channel / 20MHz+5MHz



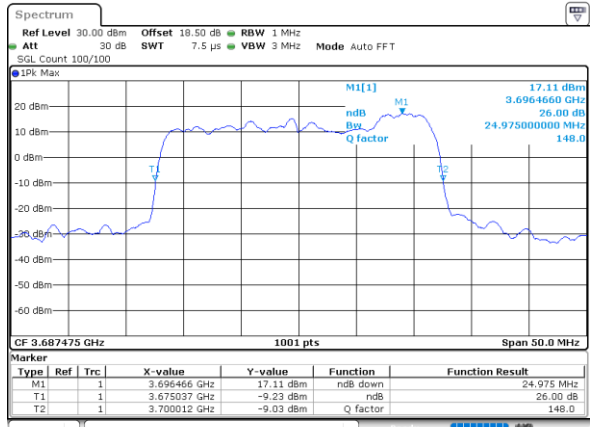
Date: 30_AUG.2021 02:15:44

Highest Channel / 15MHz+20MHz



Date: 30_AUG.2021 01:44:19

Highest Channel / 20MHz+5MHz



Date: 30_AUG.2021 03:10:33