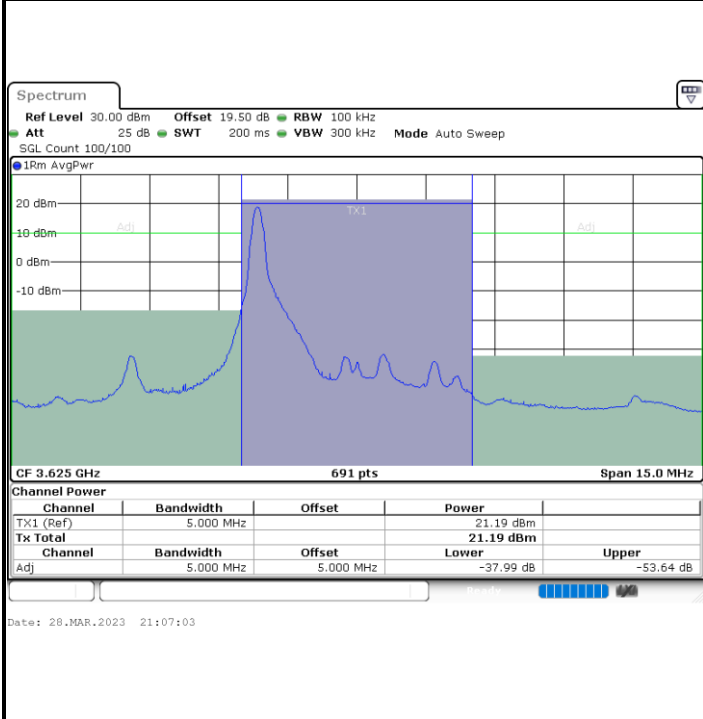




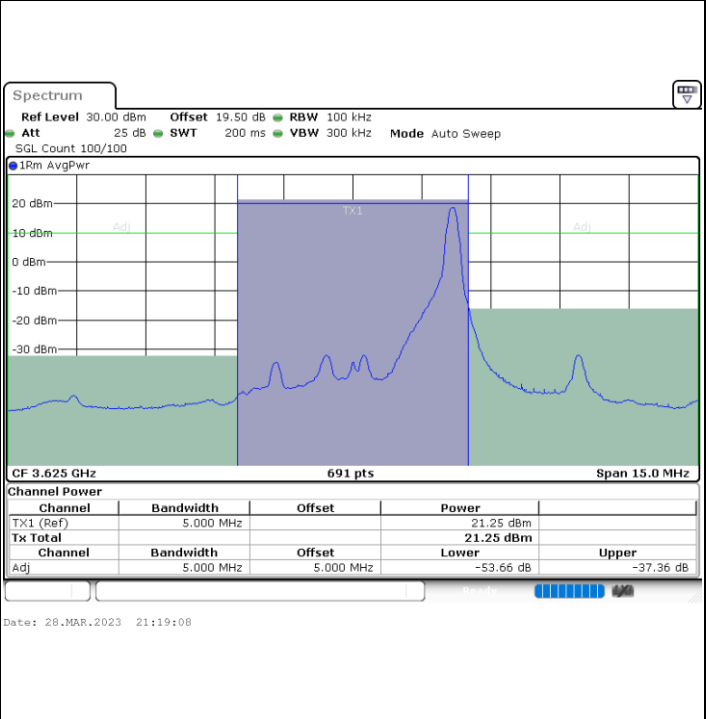
LTE Band 48 / 5MHz

64QAM

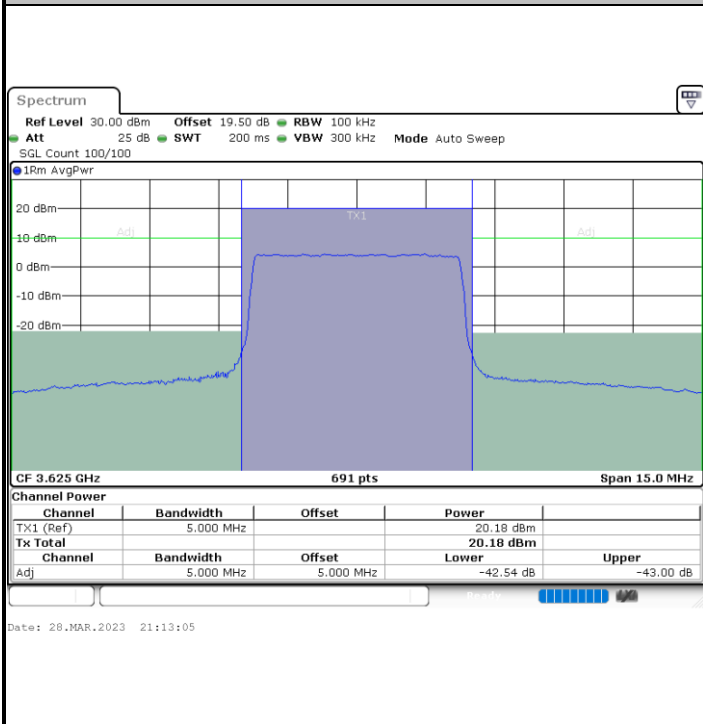
Middle Channel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



N/A

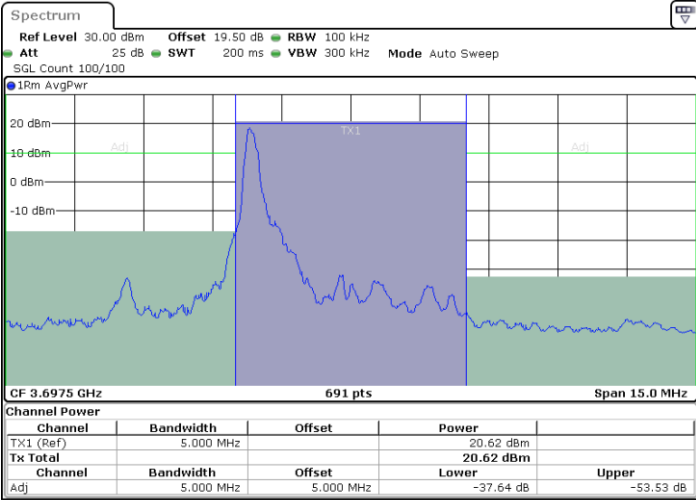


LTE Band 48 / 5MHz

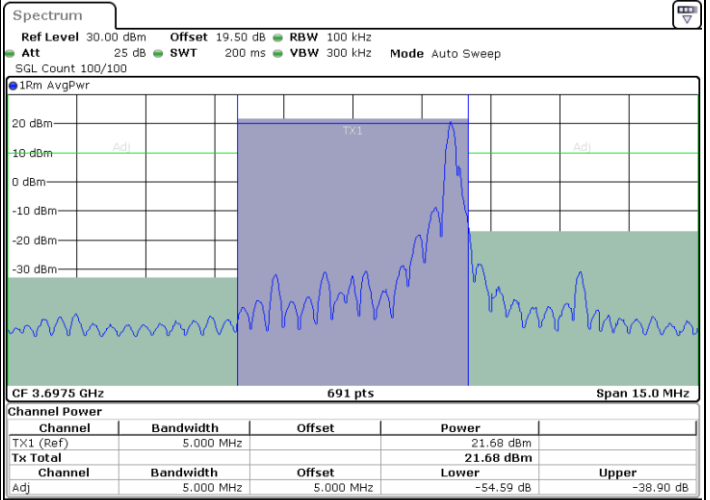
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



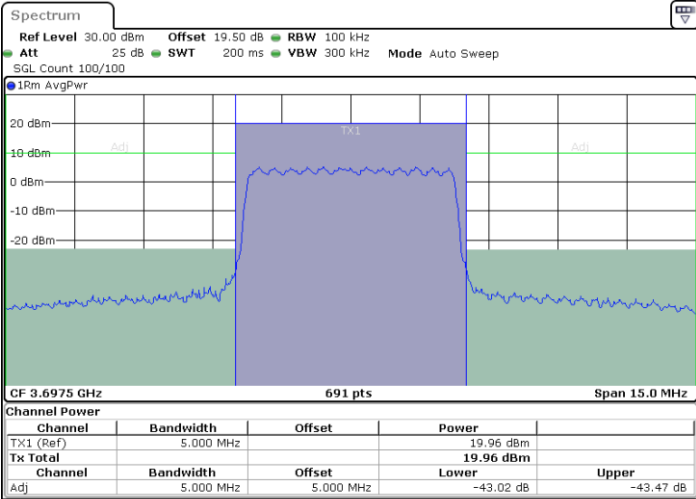
Date: 28.MAR.2023 21:10:25



Date: 28.MAR.2023 21:22:29

Highest Channel / FullIRB

N/A



Date: 28.MAR.2023 21:16:27

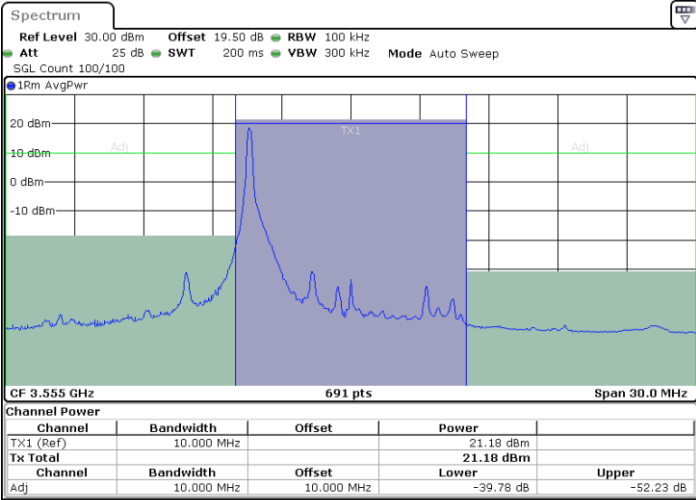


LTE Band 48 / 10MHz

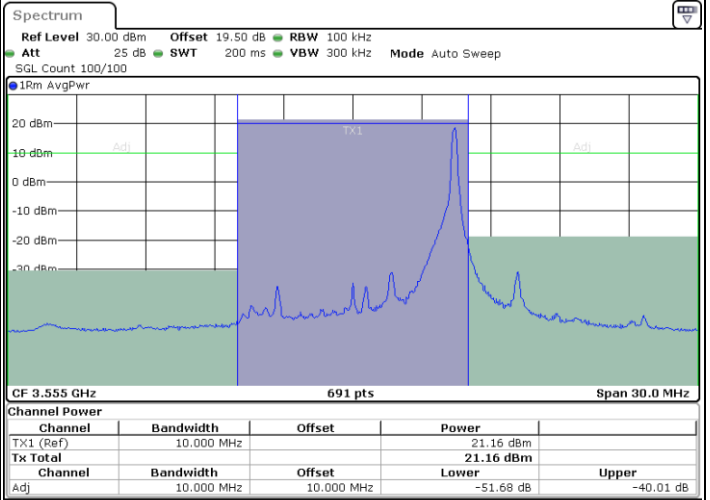
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



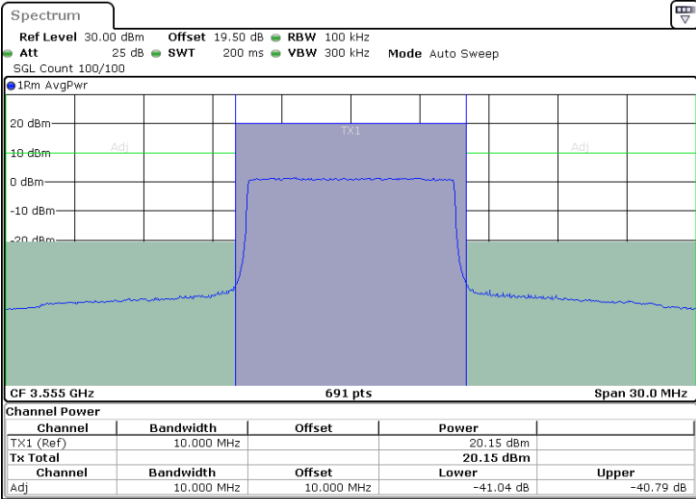
Date: 28.MAR.2023 21:23:11



Date: 28.MAR.2023 21:35:20

Lowest Channel / FullIRB

N/A



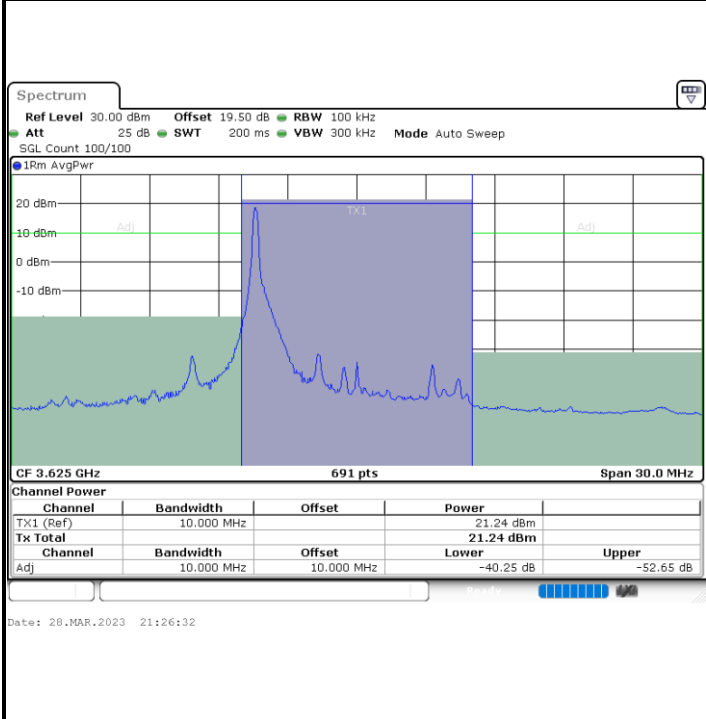
Date: 28.MAR.2023 21:29:15



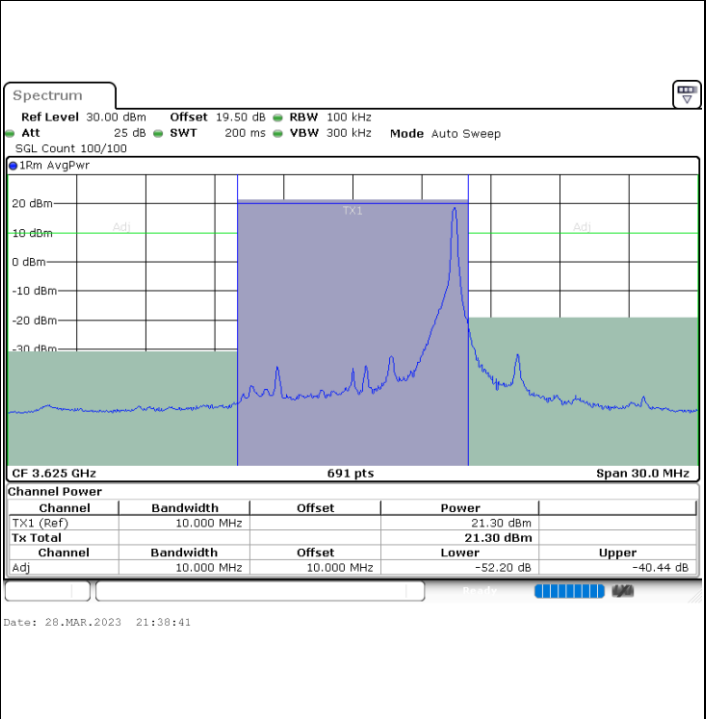
LTE Band 48 / 10MHz

64QAM

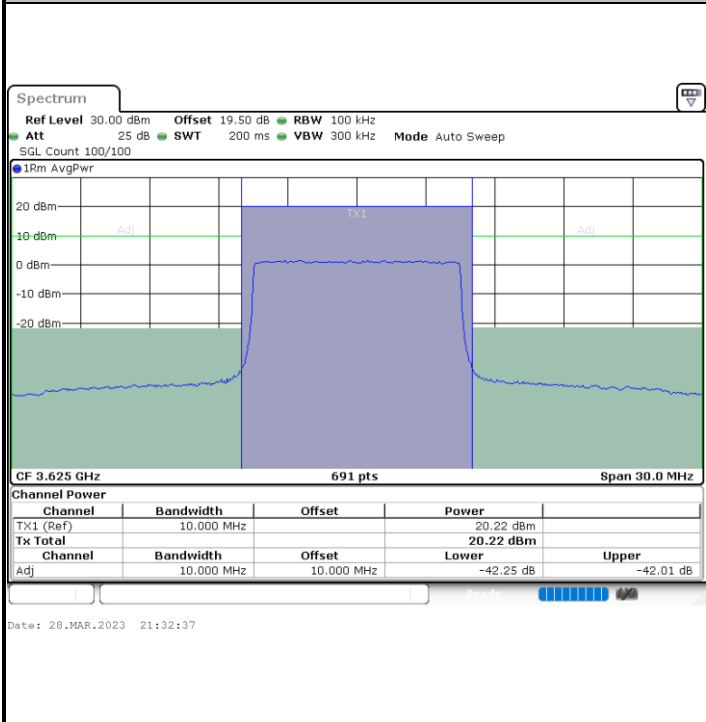
MiddleChannel / 1RB0



Middle Channel / 1RBmax



Middle Channel / FullRB



N/A

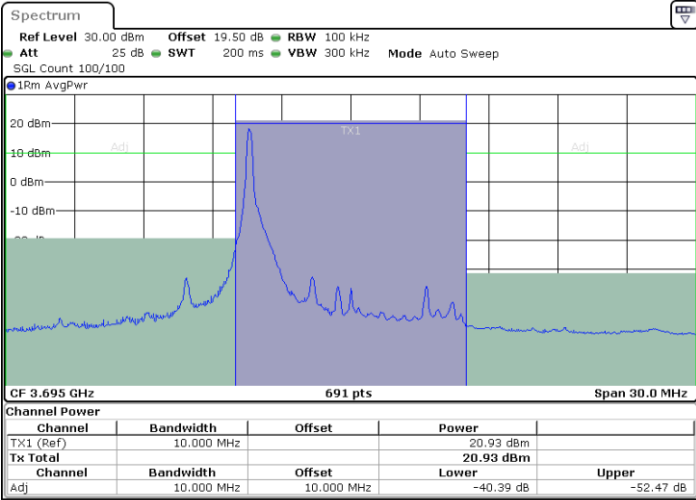


LTE Band 48 / 10MHz

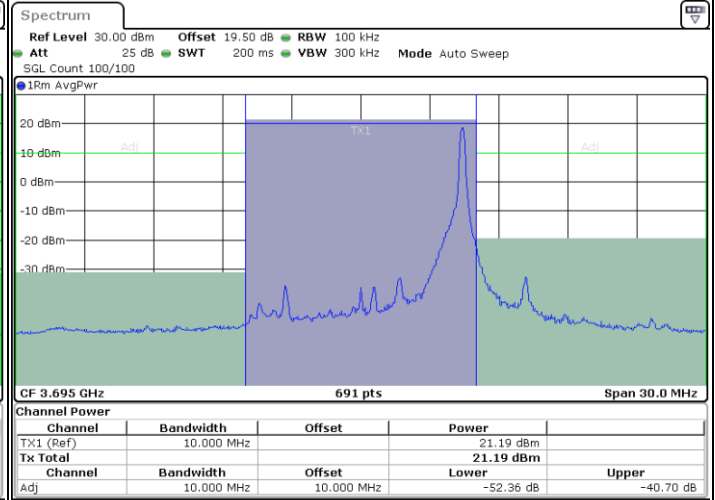
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



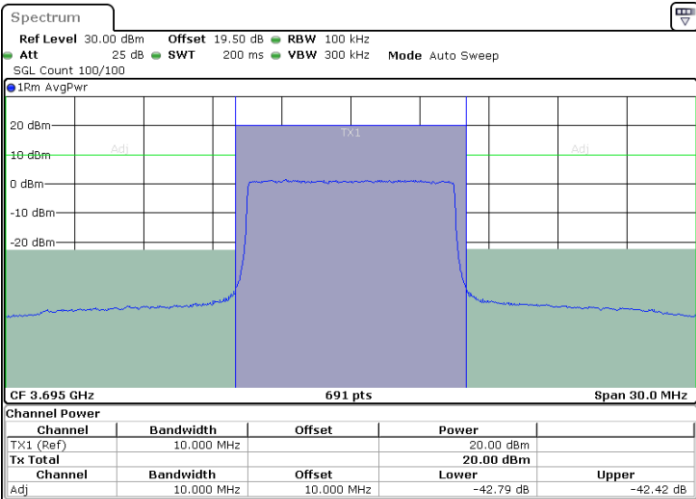
Date: 28.MAR.2023 21:27:12



Date: 28.MAR.2023 21:39:22

Highest Channel / FullIRB

N/A



Date: 28.MAR.2023 21:33:17

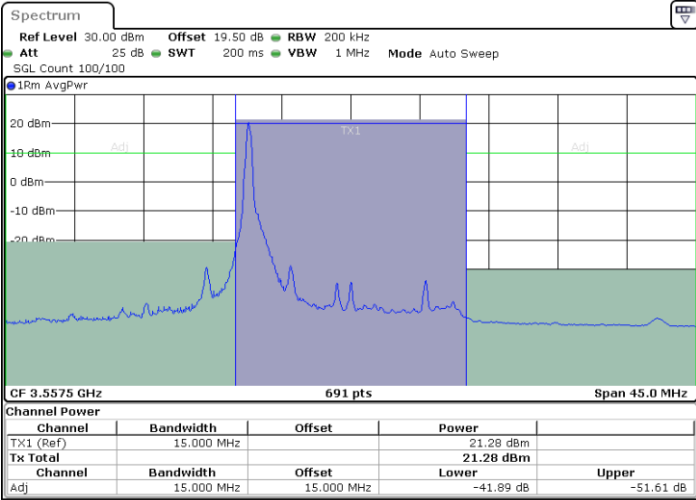


LTE Band 48 / 15MHz

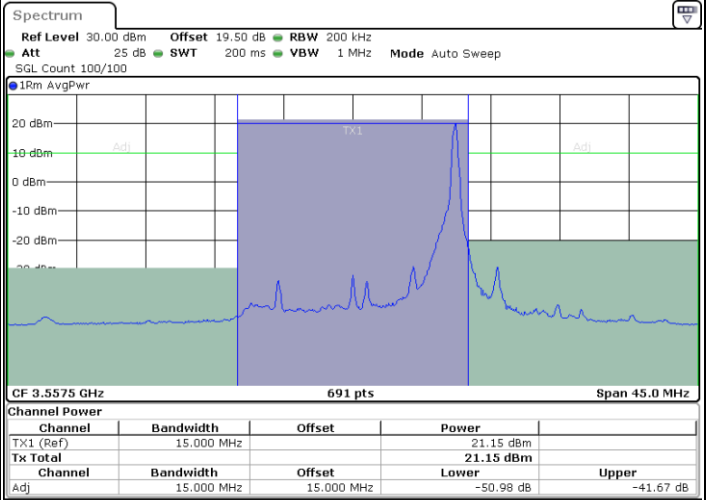
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



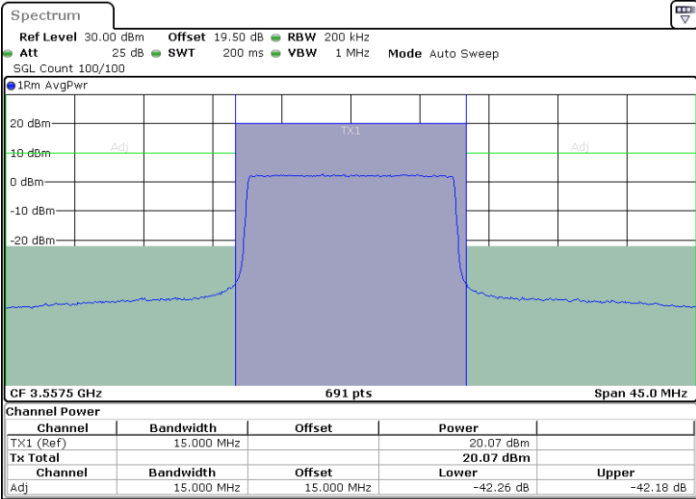
Date: 28.MAR.2023 21:42:48



Date: 28.MAR.2023 21:54:59

Lowest Channel / FullIRB

N/A



Date: 28.MAR.2023 21:48:53

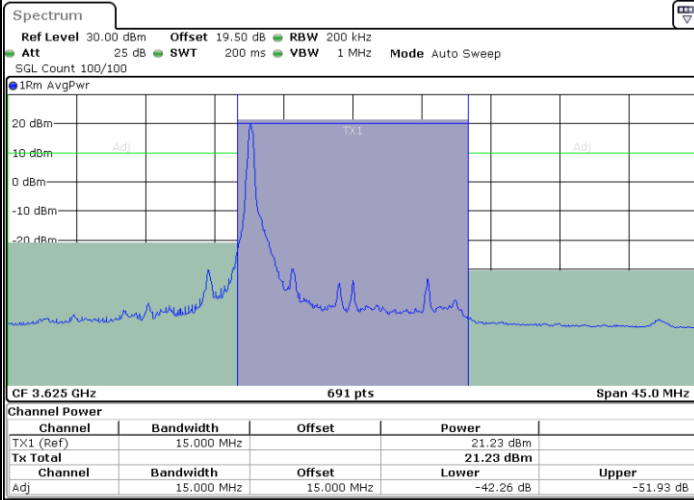


LTE Band 48 / 15MHz

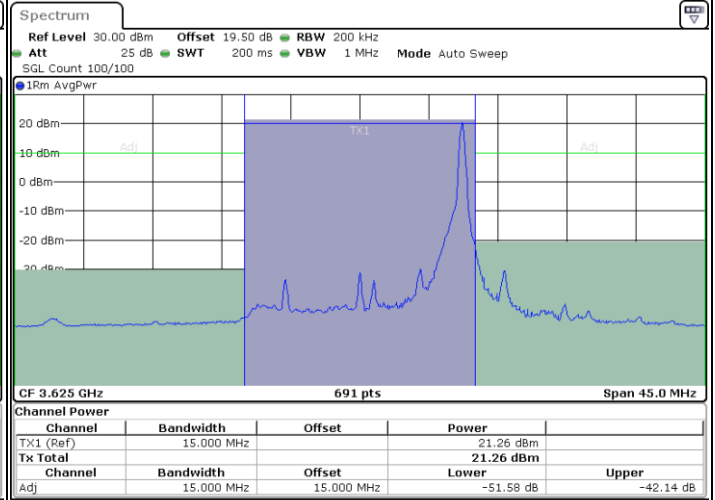
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



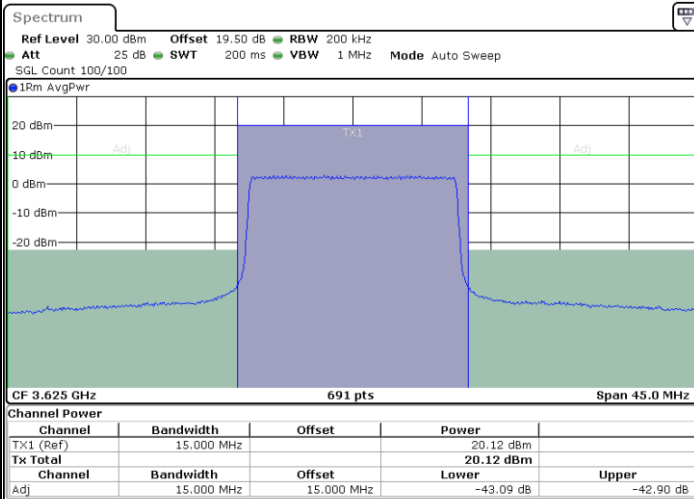
Date: 28.MAR.2023 21:43:28



Date: 28.MAR.2023 21:55:39

Middle Channel / FullRB

N/A



Date: 28.MAR.2023 21:49:33

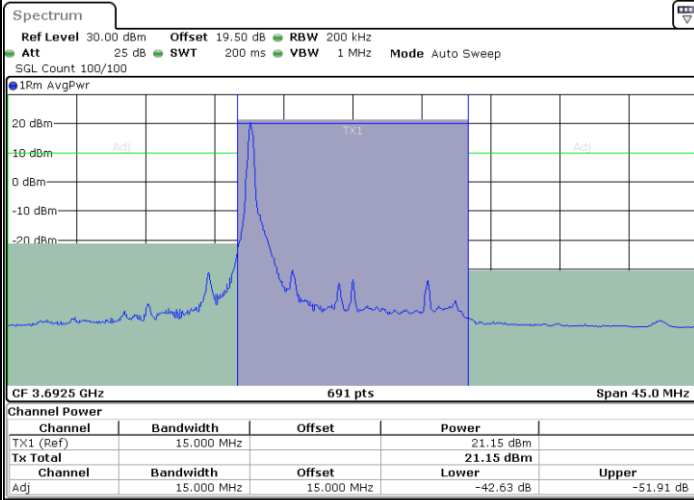


LTE Band 48 / 15MHz

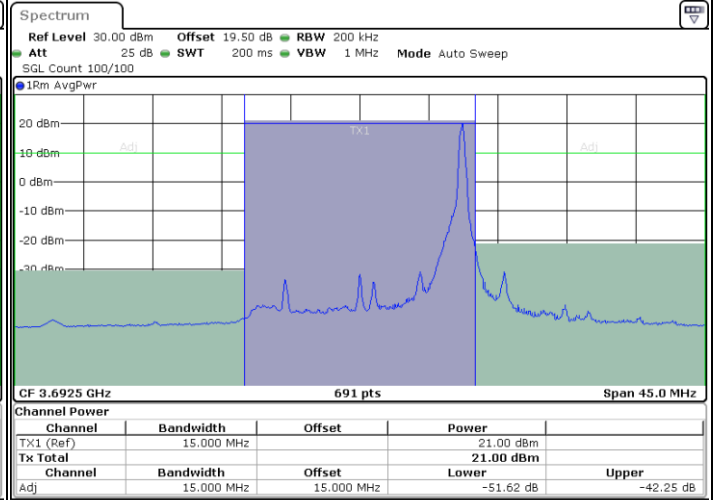
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



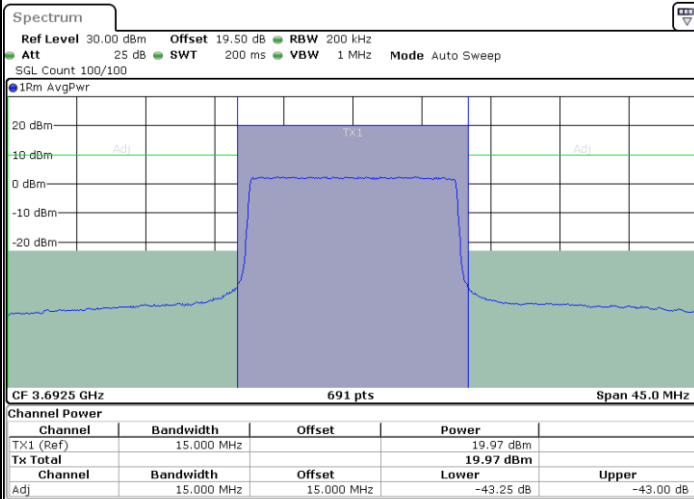
Date: 28.MAR.2023 21:46:51



Date: 28.MAR.2023 21:59:03

Highest Channel / FullIRB

N/A



Date: 28.MAR.2023 21:52:57

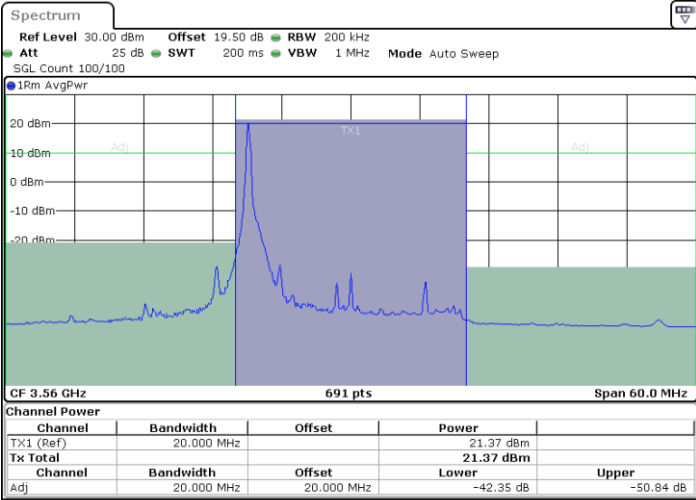


LTE Band 48 / 20MHz

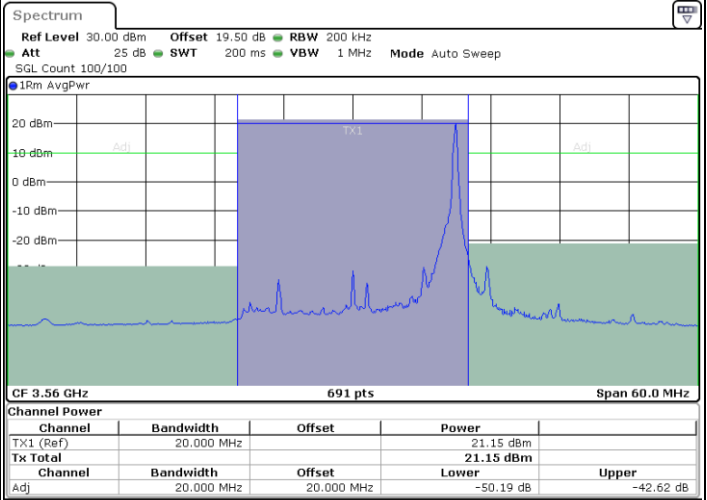
64QAM

Lowest Channel / 1RB0

Lowest Channel / 1RBmax



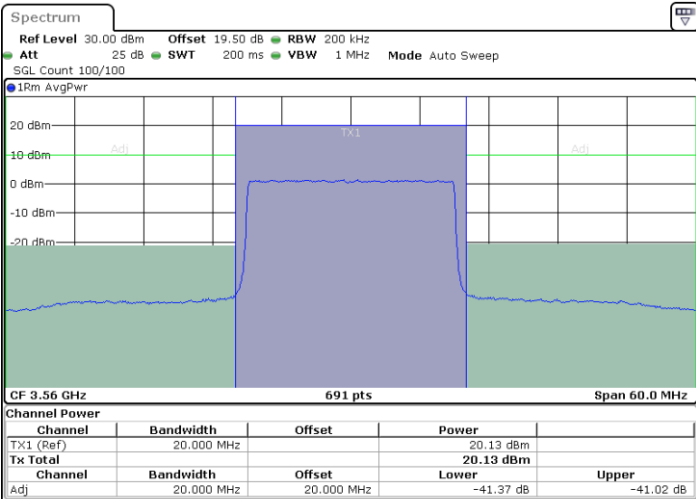
Date: 28.MAR.2023 22:05:39



Date: 28.MAR.2023 22:11:35

Lowest Channel / FullIRB

N/A



Date: 28.MAR.2023 21:59:44

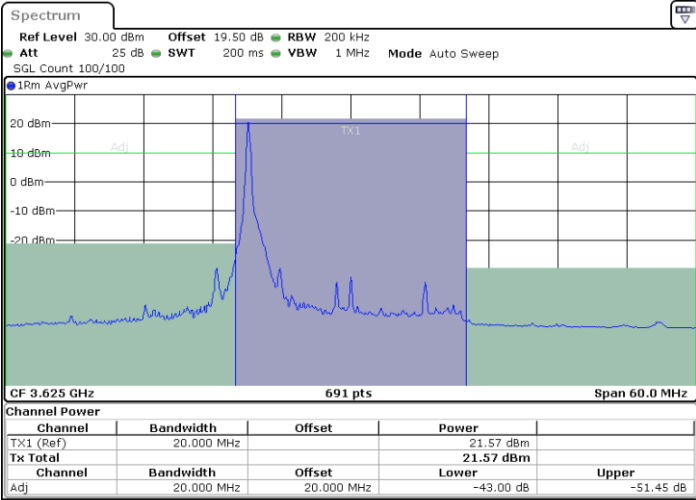


LTE Band 48 / 20MHz

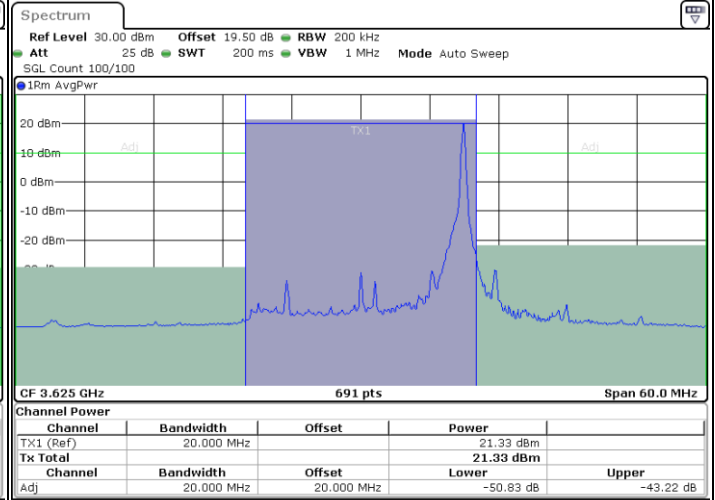
64QAM

Middle Channel / 1RB0

Middle Channel / 1RBmax



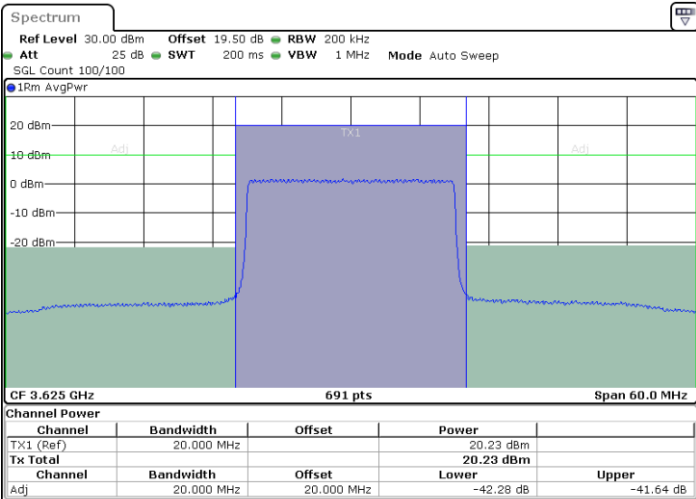
Date: 28.MAR.2023 22:08:55



Date: 28.MAR.2023 22:14:51

Middle Channel / FullIRB

N/A



Date: 28.MAR.2023 22:03:01

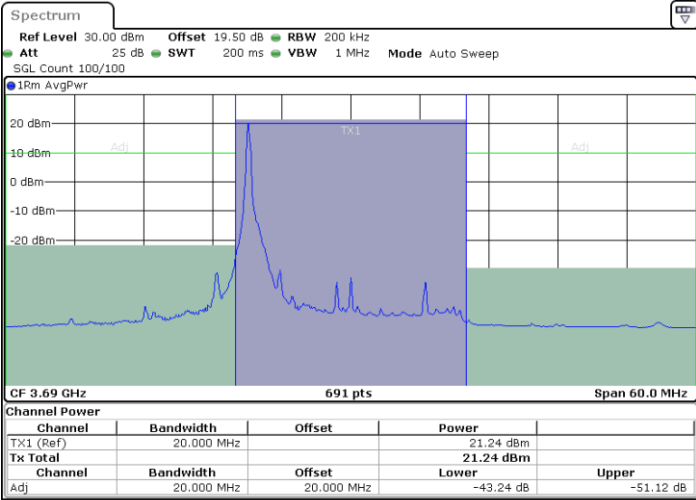


LTE Band 48 / 20MHz

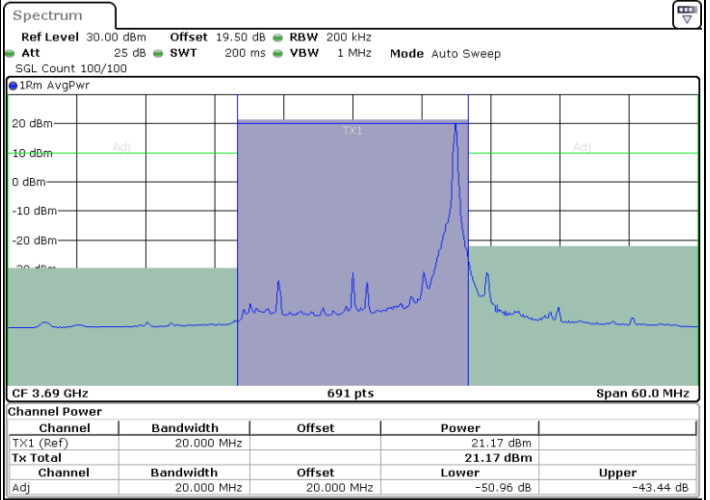
64QAM

Highest Channel / 1RB0

Highest Channel / 1RBmax



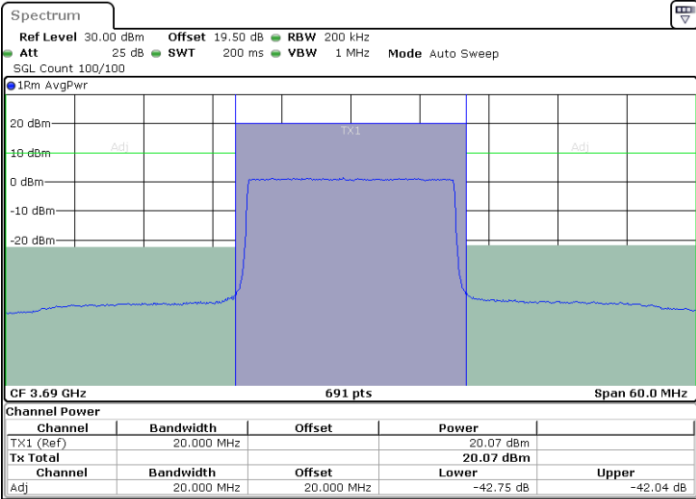
Date: 28.MAR.2023 22:09:35



Date: 28.MAR.2023 22:15:31

Highest Channel / FullIRB

N/A



Date: 28.MAR.2023 22:03:40

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	0.0011	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0007	
20	Normal Voltage	0.0010	
20	Battery End Point	0.0001	

Note:

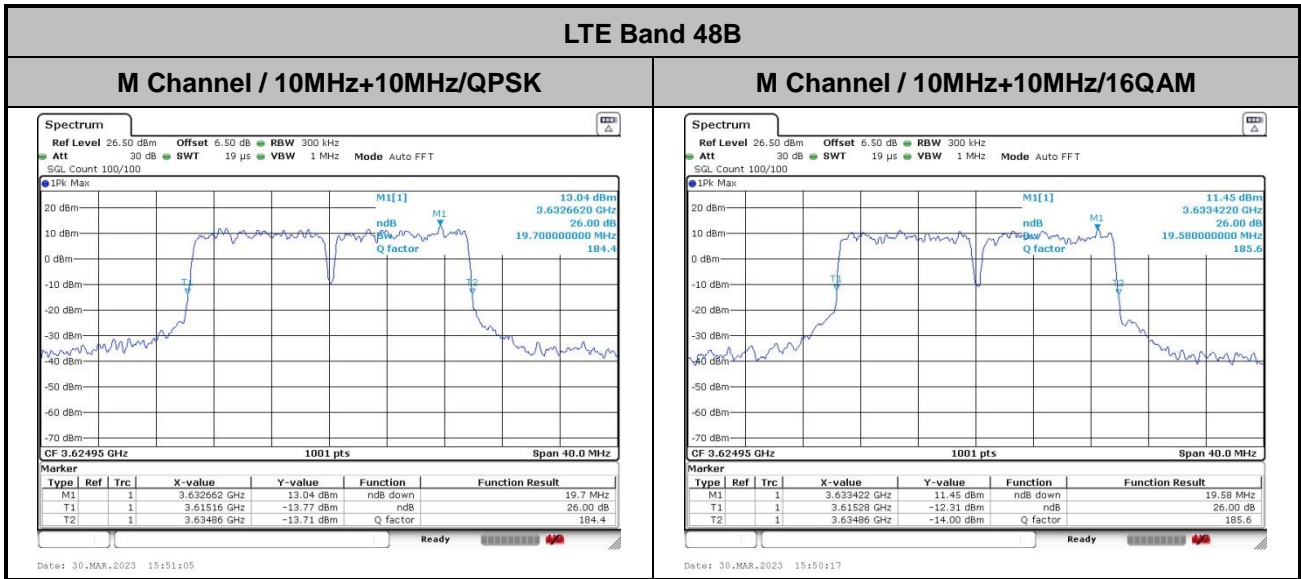
1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48B

26dB Bandwidth

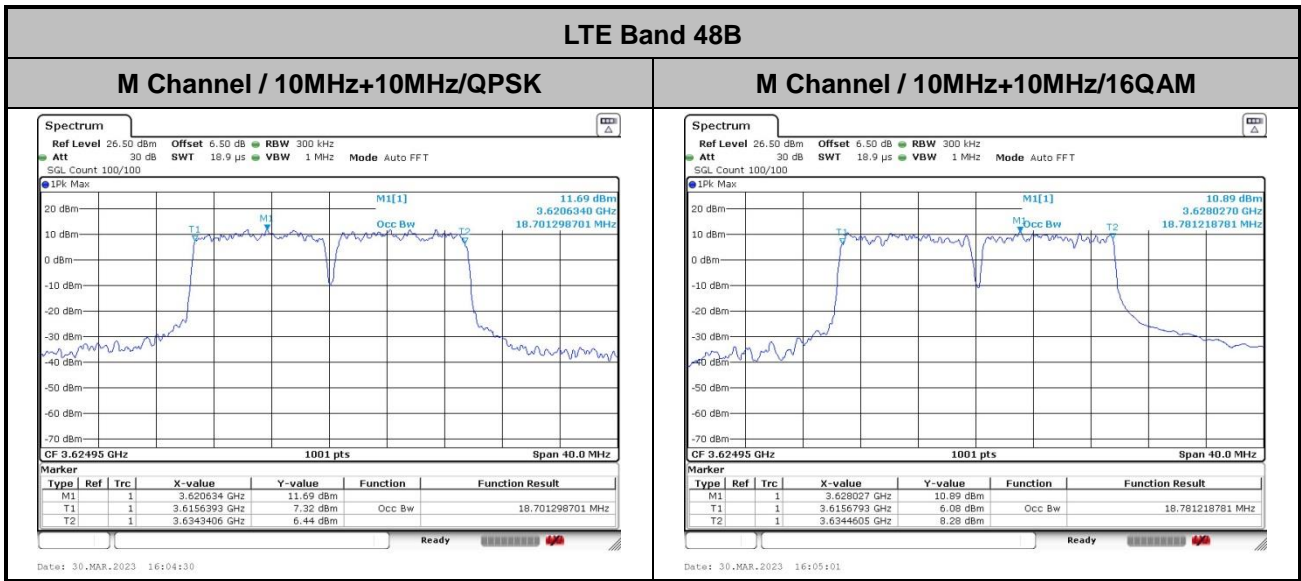
Mode	LTE Band 48B : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	19.70	19.58





Occupied Bandwidth

Mode	LTE Band 48B : 99%OBW(MHz)	
QPSK	QPSK	16QAM
BW	10MHz+10MHz	10MHz+10MHz
Middle CH	18.70	18.78





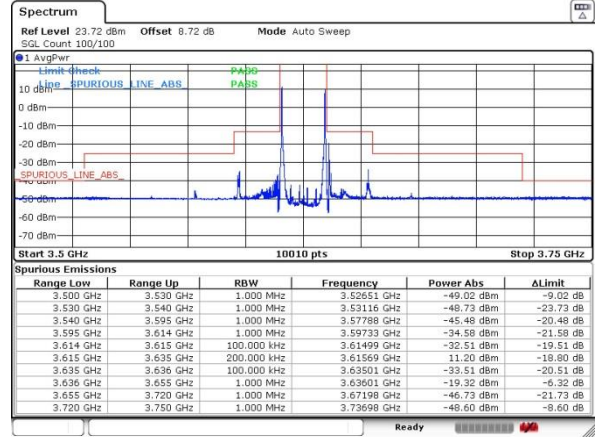
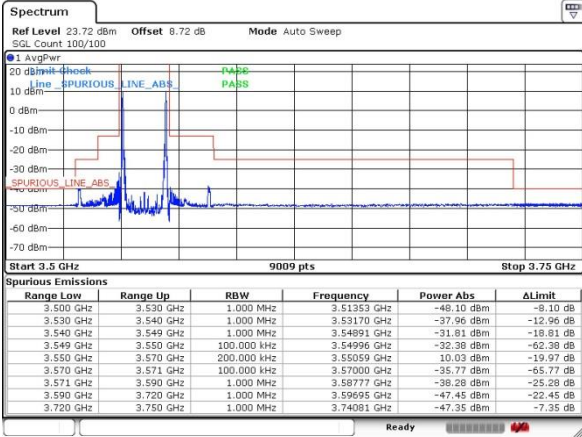
Conducted Band Edge

LTE Band 48B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

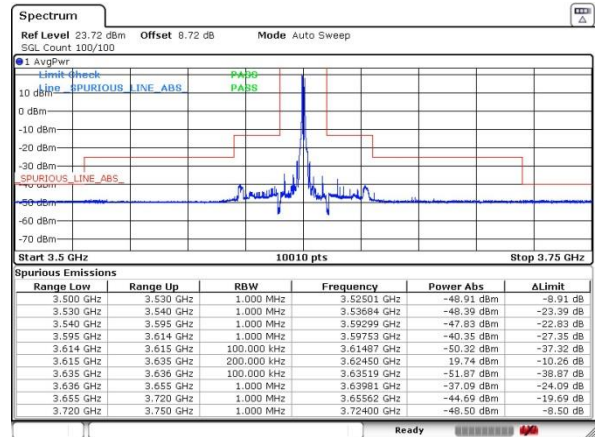
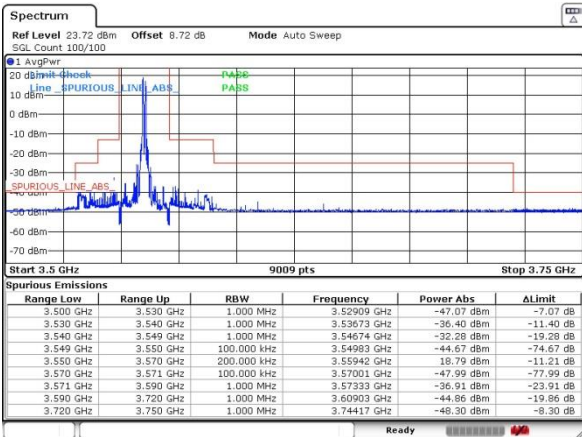


Date: 25_MAR_2023 12:12:42

Date: 30_MAR_2023 00:03:51

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

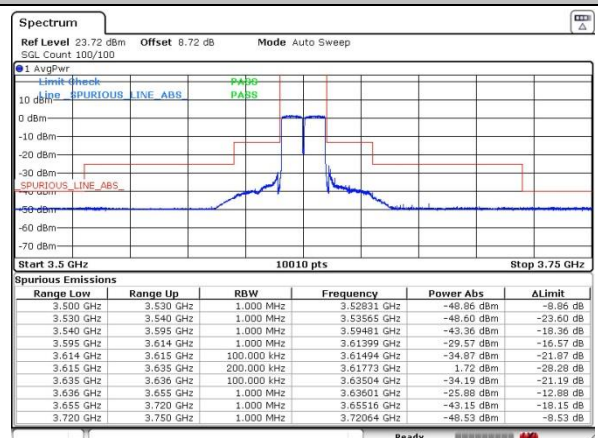
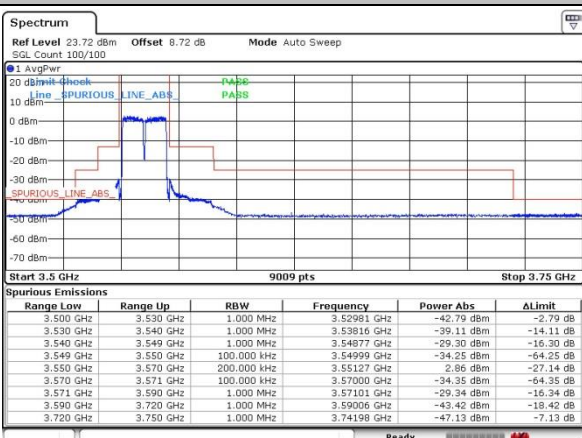


Date: 29_MAR_2023 23:52:16

Date: 29_MAR_2023 23:58:43

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 25_MAR_2023 12:09:10

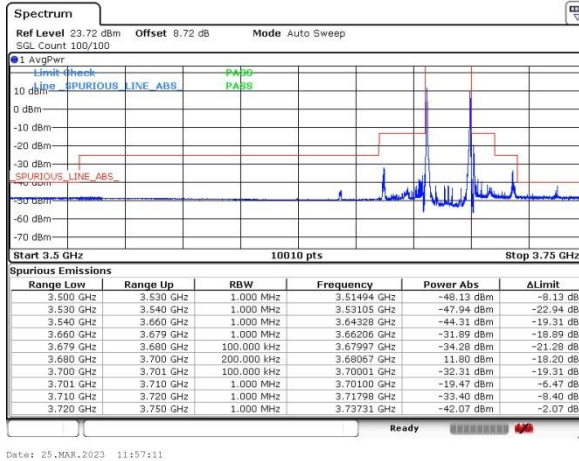
Date: 30_MAR_2023 00:04:52



LTE Band 48B / 10MHz+10MHz

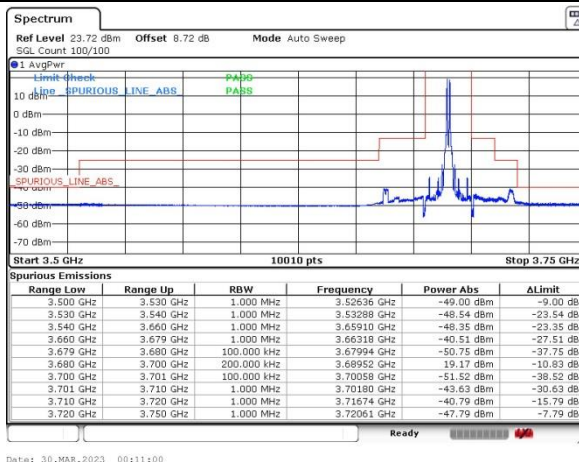
QPSK

Highest Band Edge / 1RB0 and 1RB49



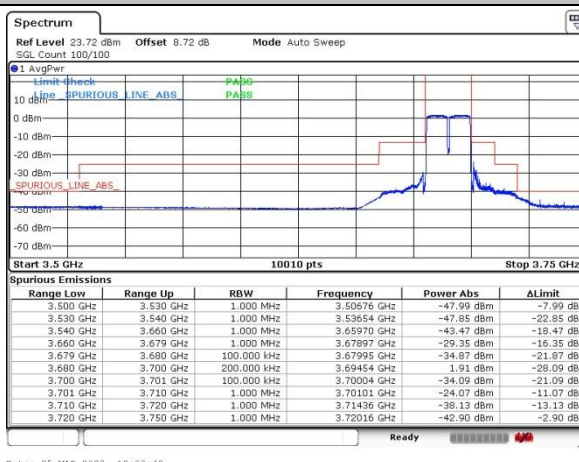
Date: 25.MAR.2023 11:57:11

Highest Band Edge / 1RB49 and 1RB0



Date: 30.MAR.2023 09:11:00

Highest Band Edge / Full RB



Date: 25.MAR.2023 12:03:42

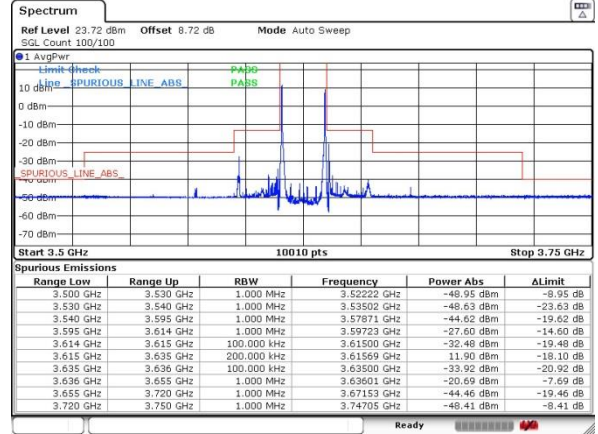
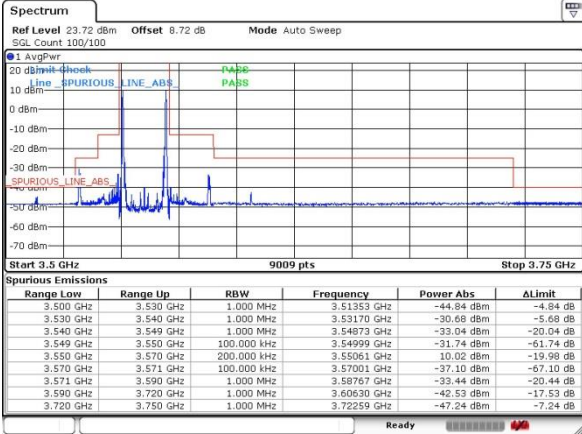


LTE Band 48B / 10MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

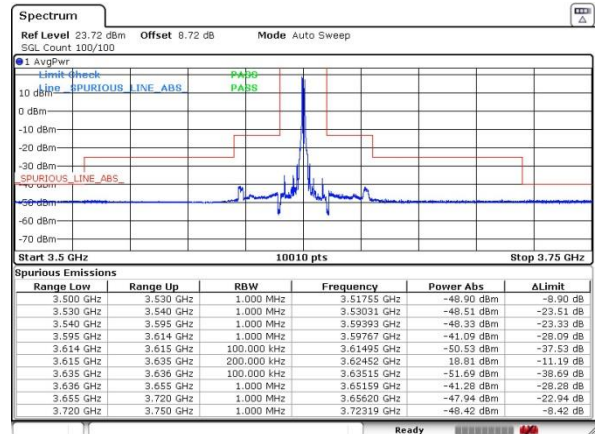
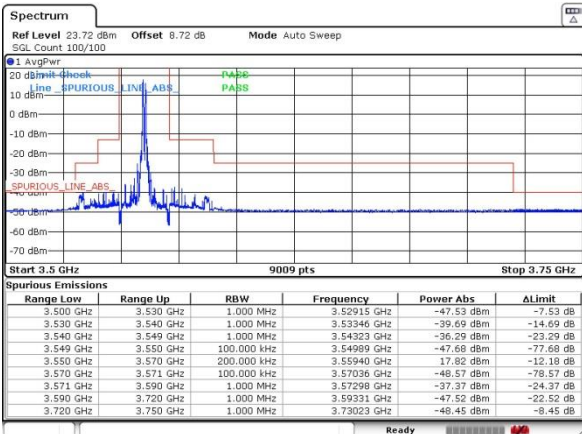


Date: 25_MAR_2023 12:12:14

Date: 30_MAR_2023 00:03:13

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB9 and 1RB0

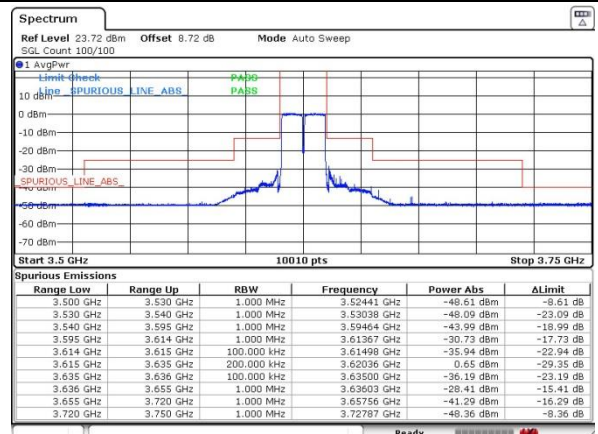
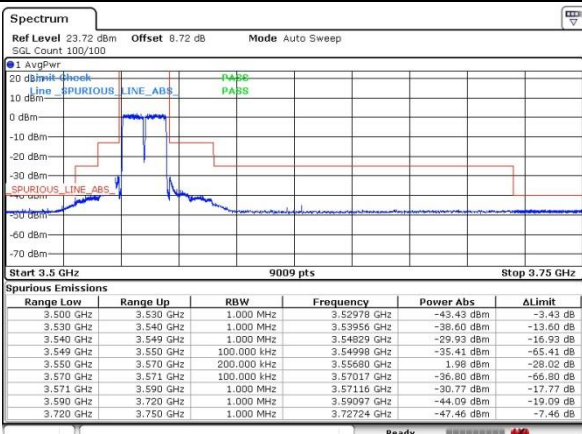


Date: 29_MAR_2023 23:53:26

Date: 29_MAR_2023 23:59:22

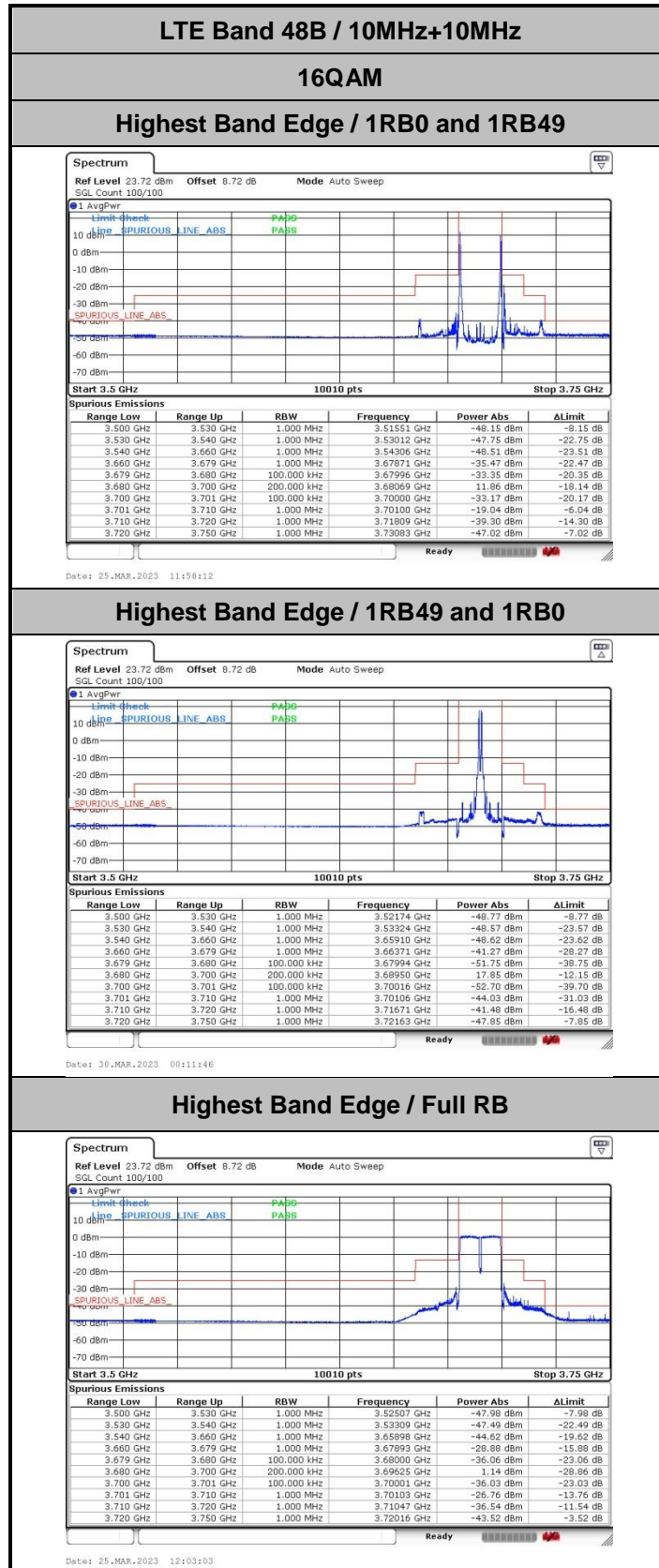
Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 25_MAR_2023 12:09:38

Date: 30_MAR_2023 00:05:40



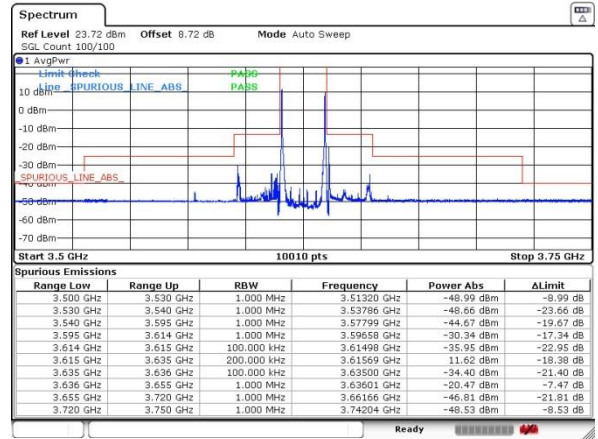
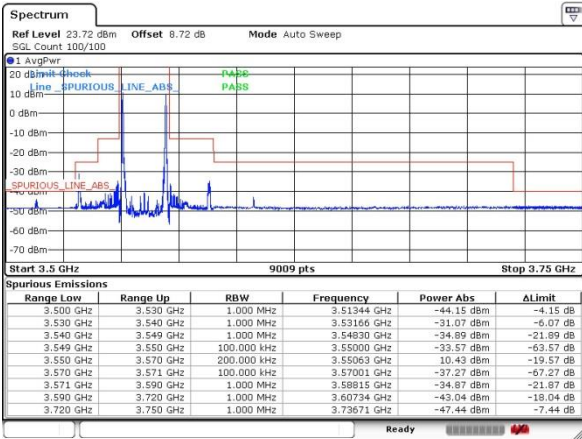


LTE Band 48B/ 10MHz+10MHz

64QAM

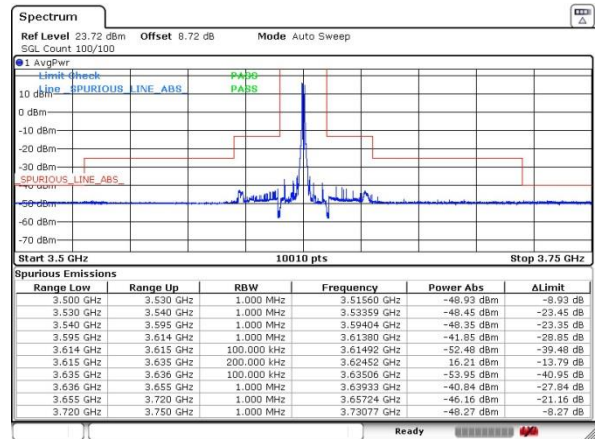
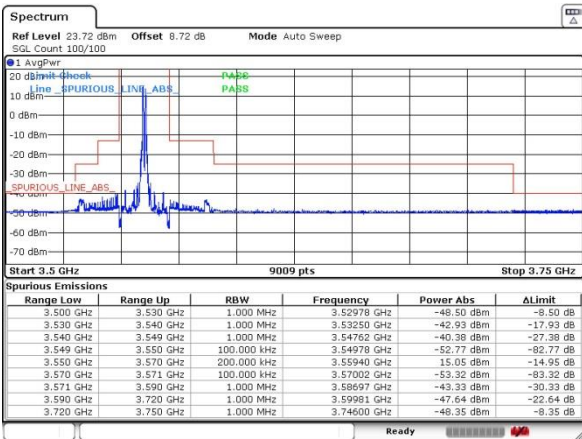
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



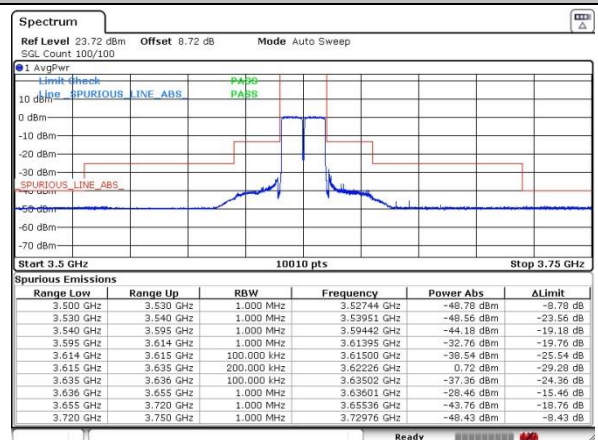
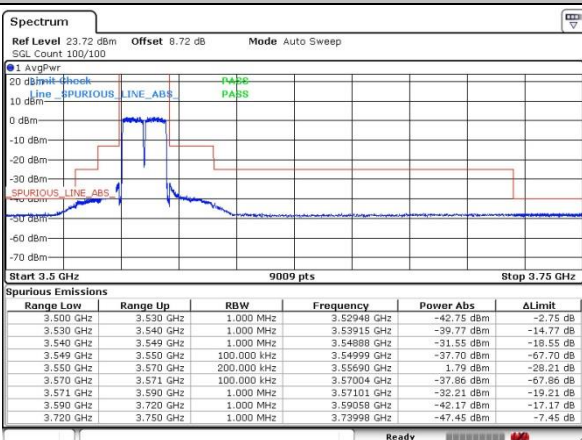
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

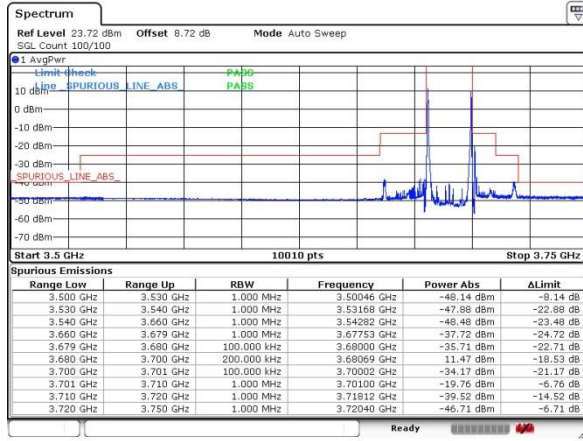




LTE Band 48B / 10MHz+10MHz

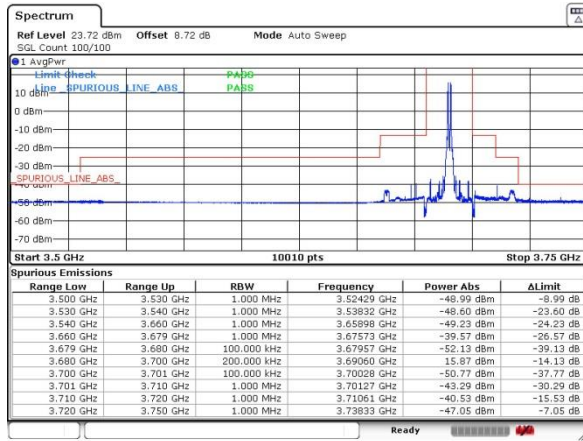
64QAM

Highest Band Edge / 1RB0 and 1RB49



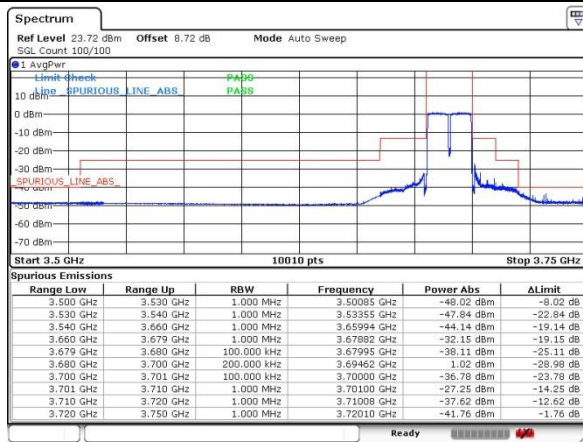
Date: 25.MAR.2023 11:58:51

Highest Band Edge / 1RB49 and 1RB0



Date: 30.MAR.2023 09:12:29

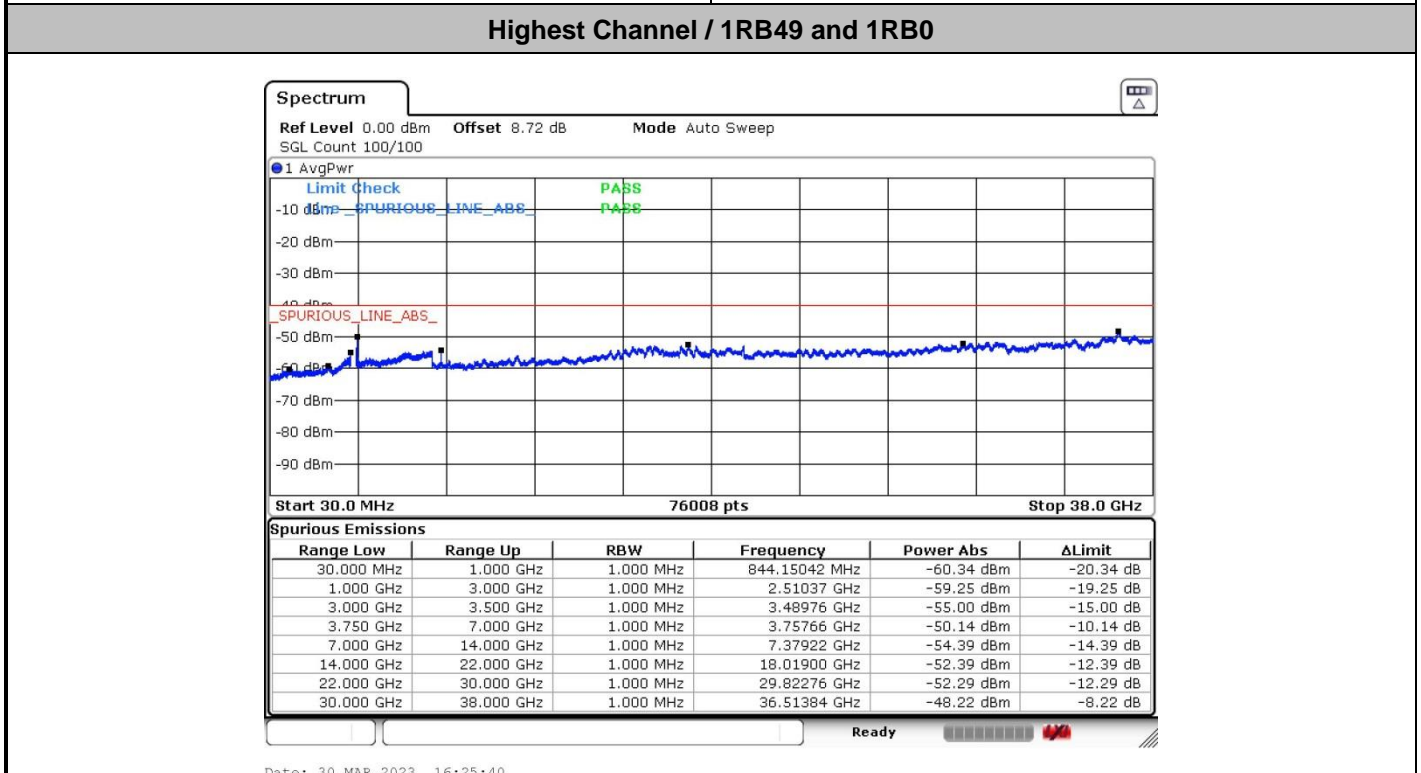
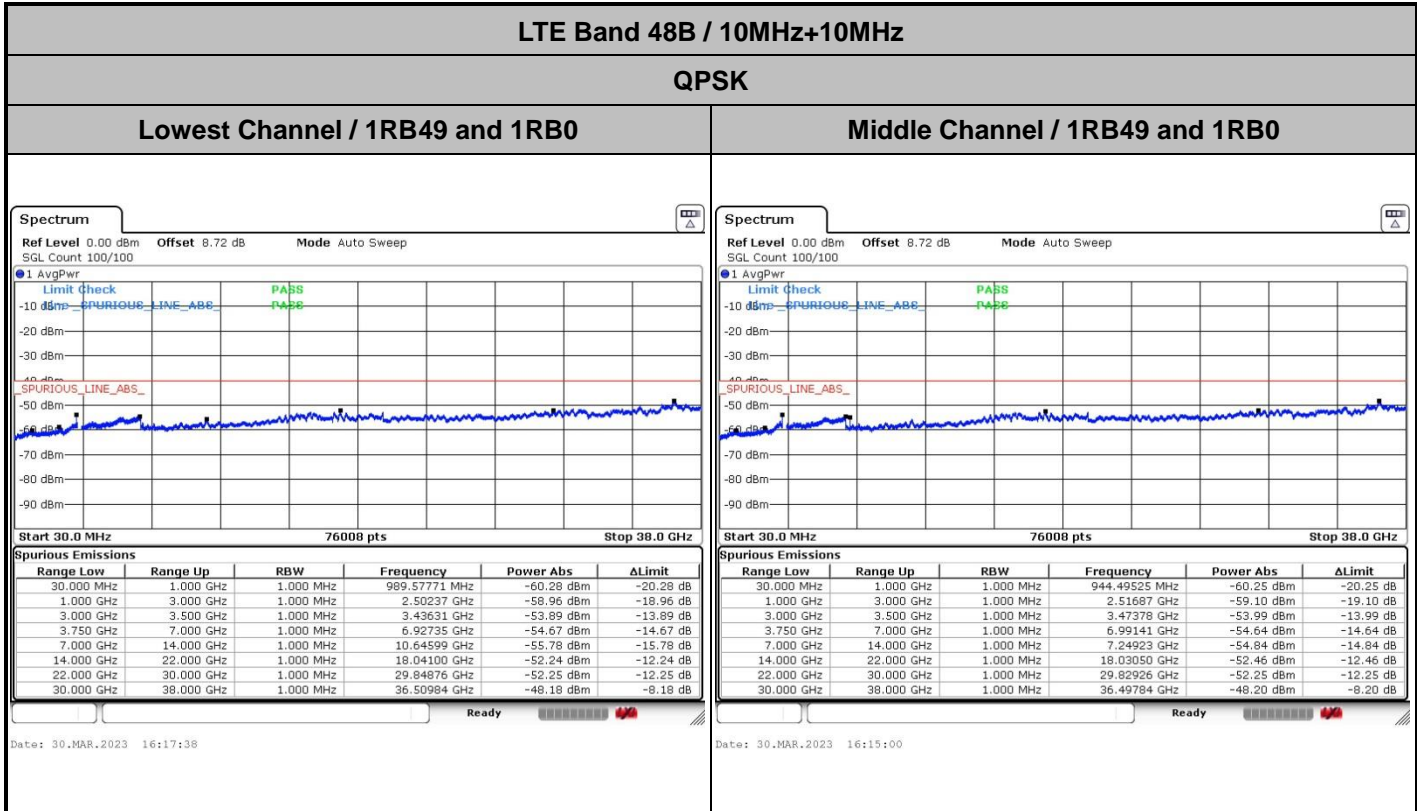
Highest Band Edge / Full RB



Date: 25.MAR.2023 12:02:25



Conducted Spurious Emission





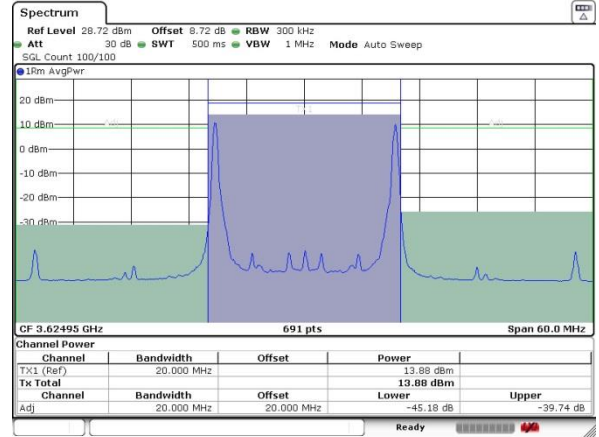
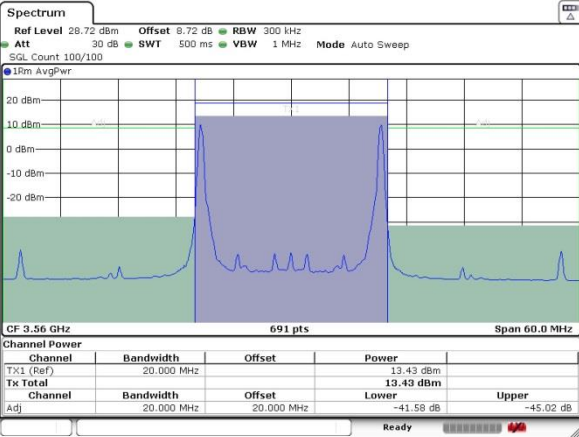
ACLR

LTE Band 48B / 10MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

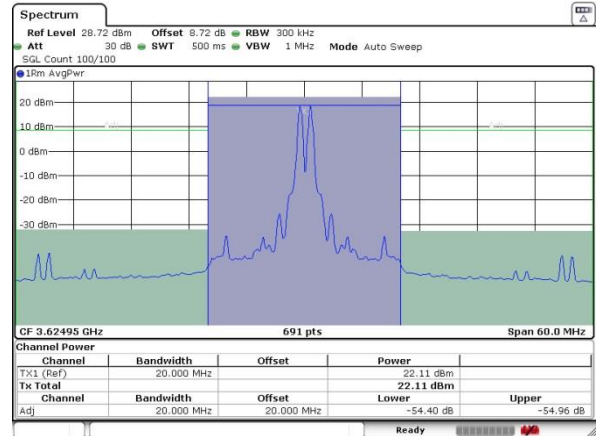
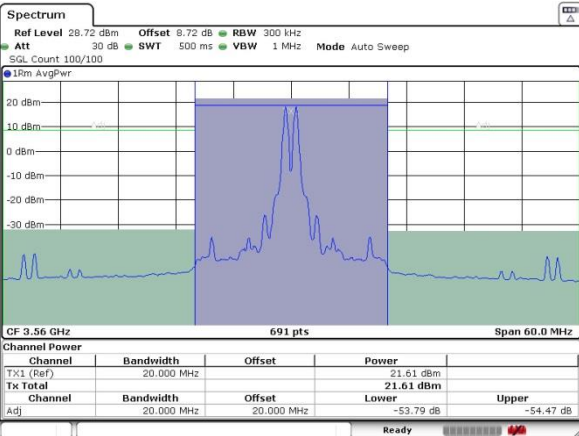


Date: 30.MAR.2023 14:30:52

Date: 30.MAR.2023 13:52:04

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

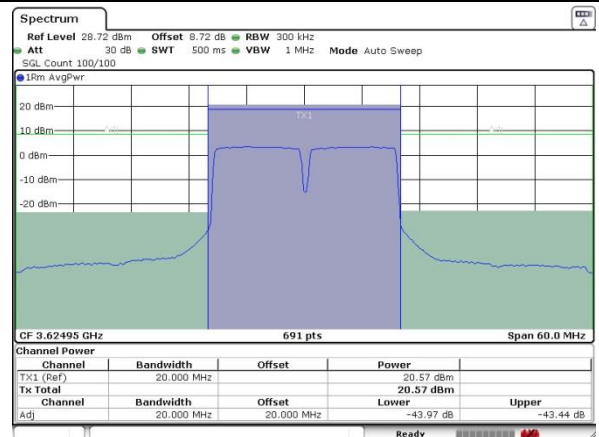
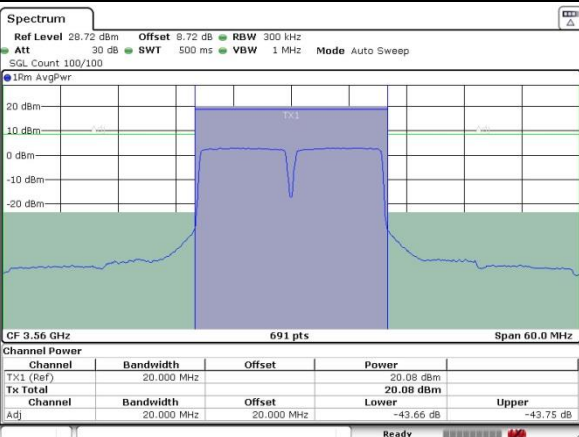


Date: 30.MAR.2023 14:21:50

Date: 30.MAR.2023 13:48:57

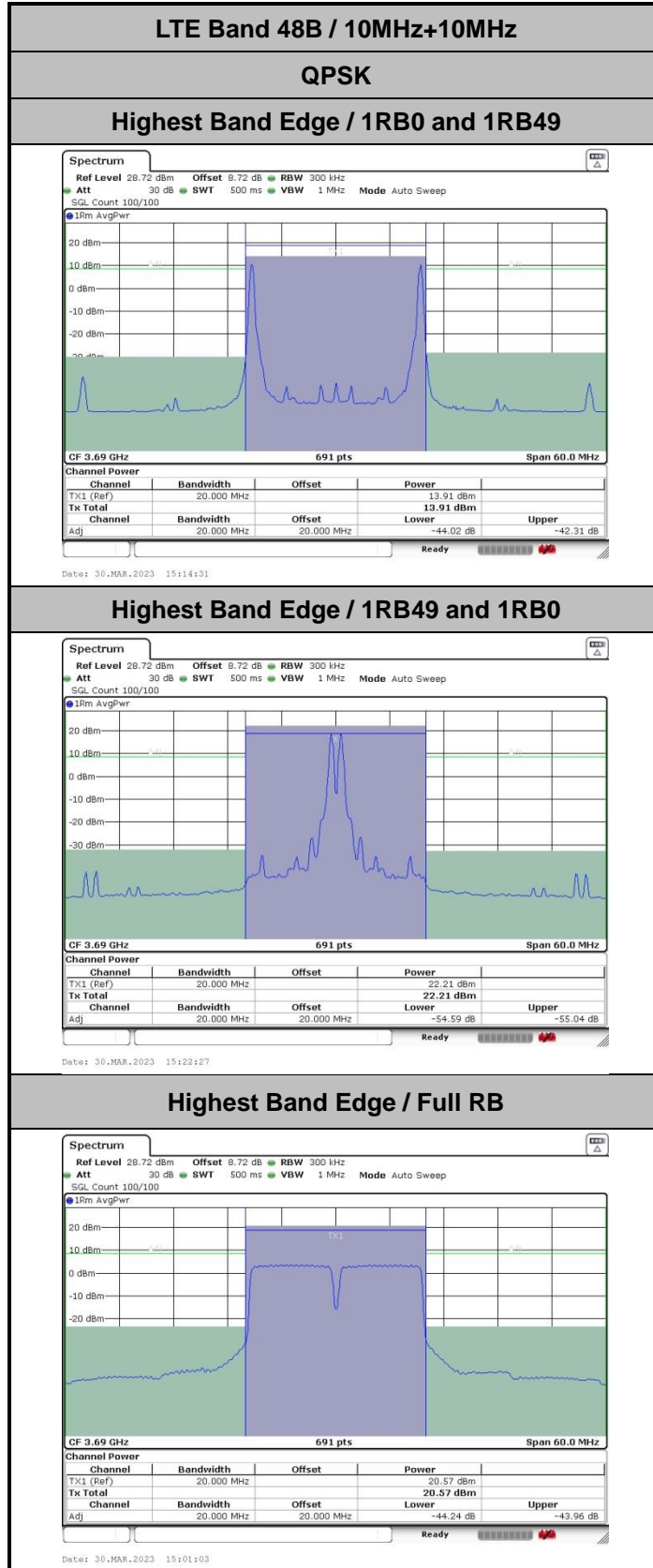
Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 30.MAR.2023 14:41:35

Date: 30.MAR.2023 13:59:50



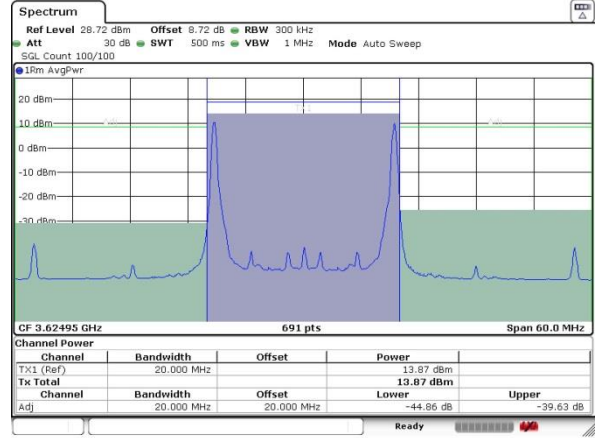
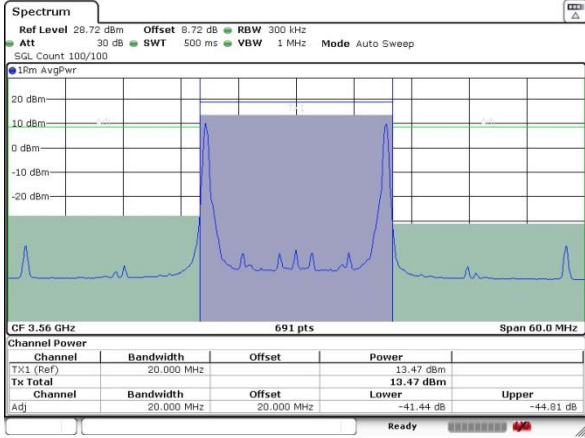


LTE Band 48B/ 10MHz+10MHz

16QAM

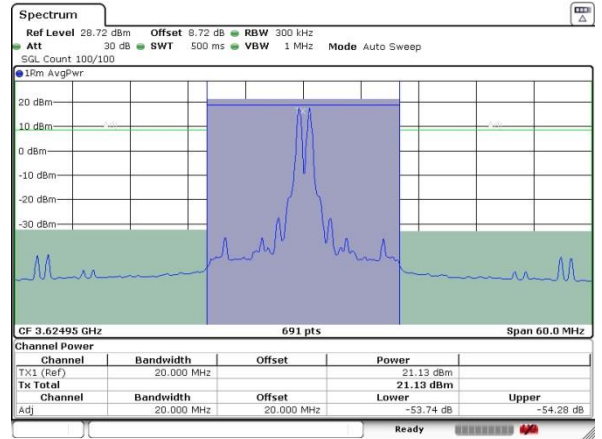
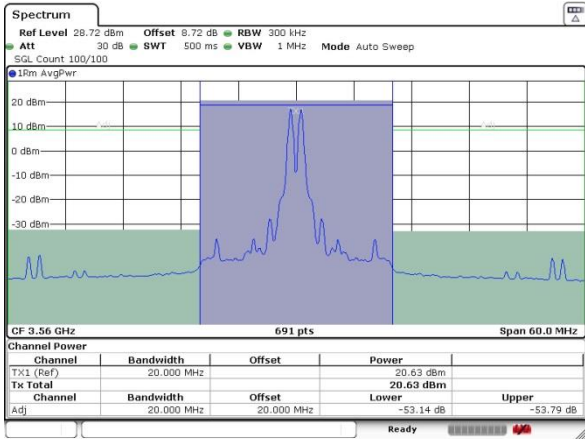
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



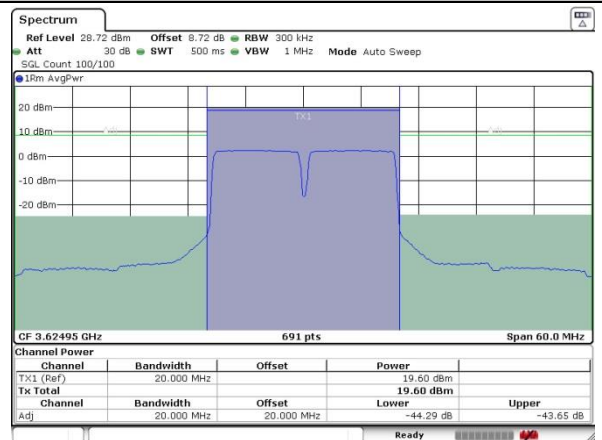
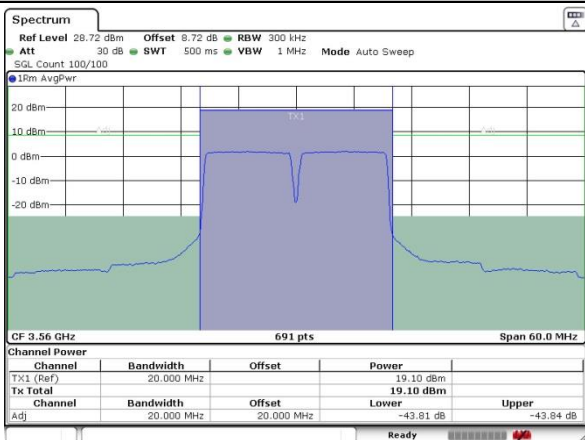
Lowest Band Edge / 1RB49 and 1RB0

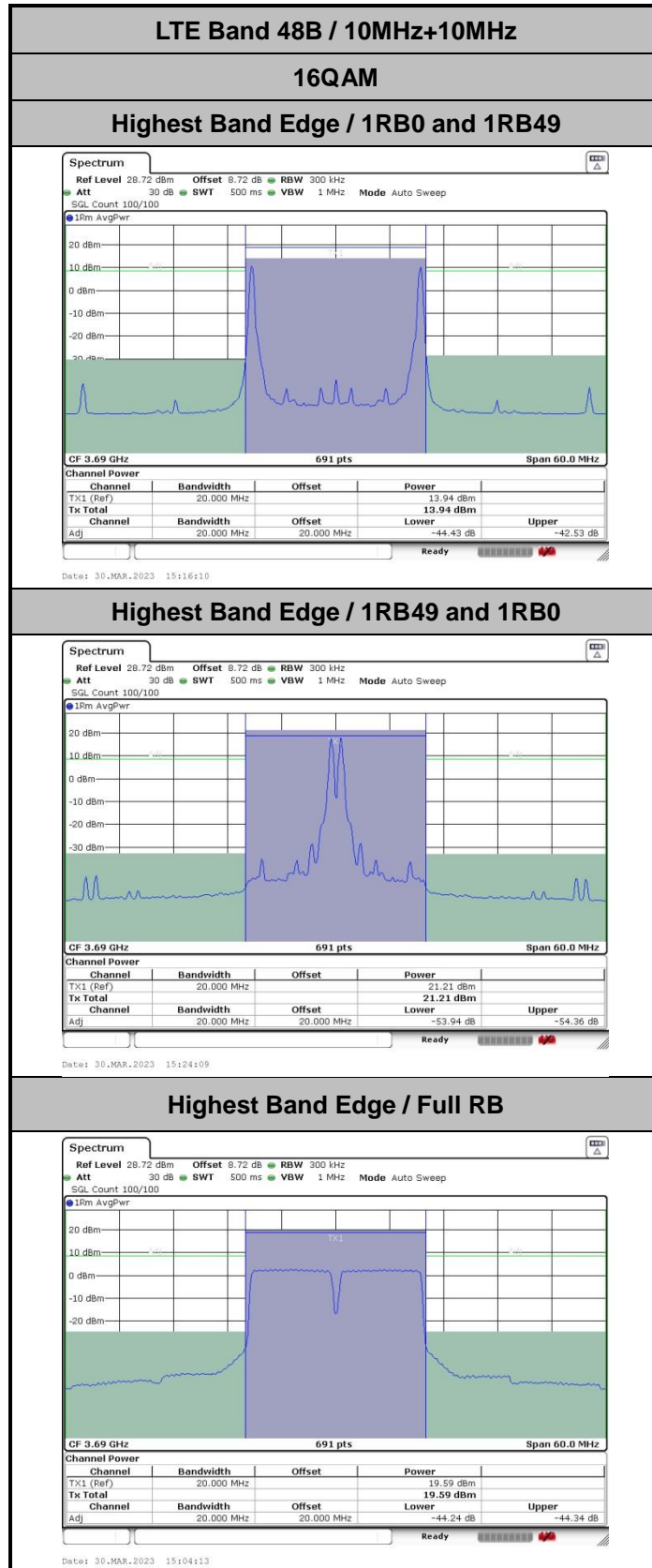
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB





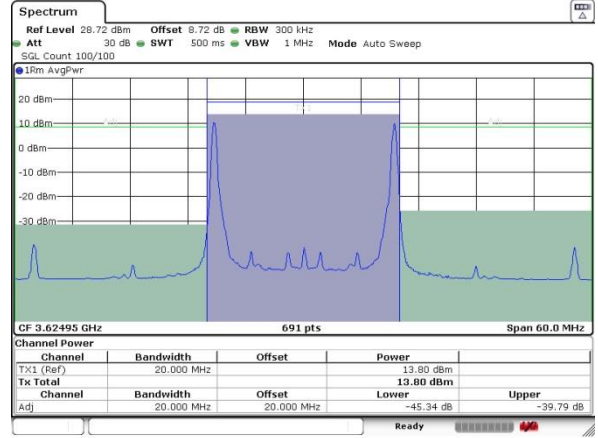
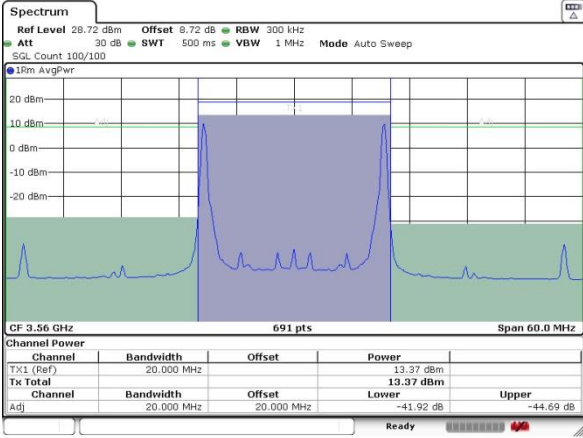


LTE Band 48B / 10MHz+10MHz

64QAM

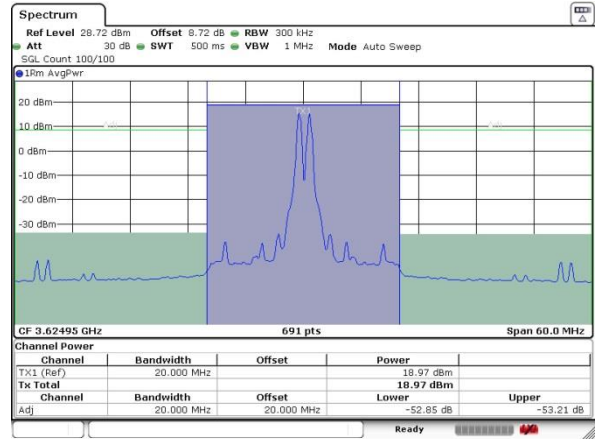
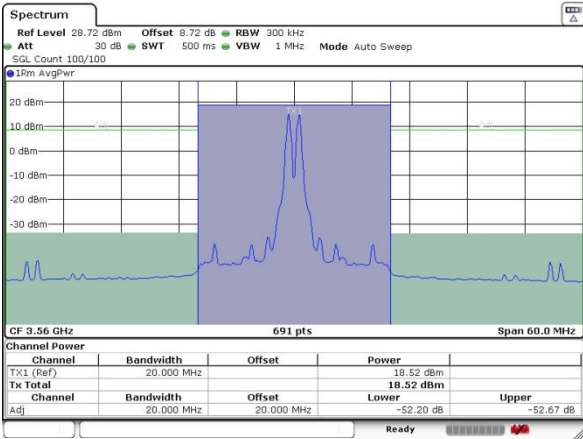
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

