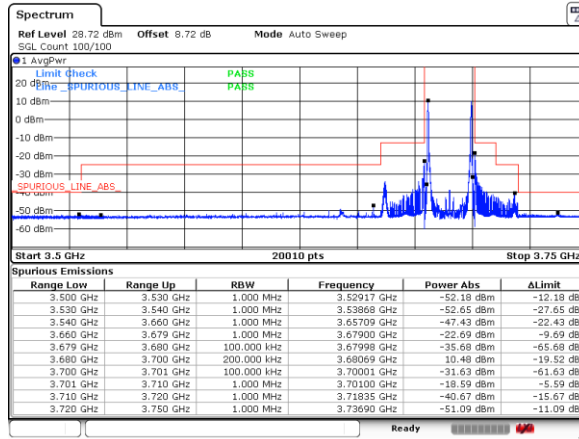


LTE Band 48B / 10MHz+10MHz

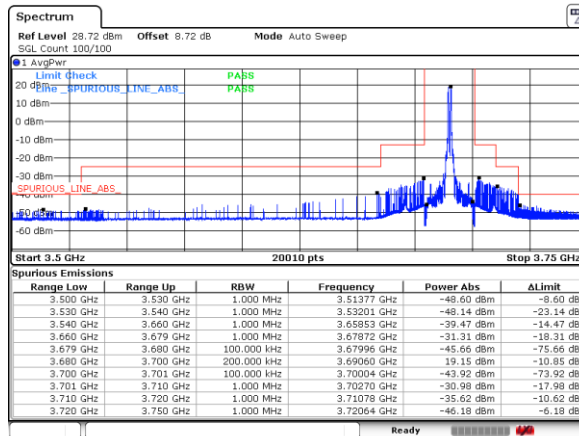
QPSK

Highest Band Edge / 1RB0 and 1RB49



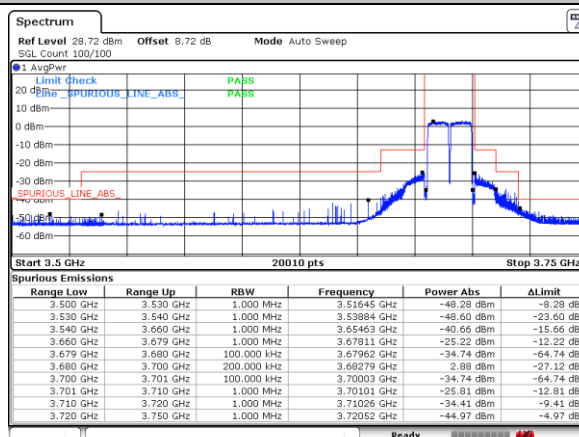
Date: 8.OCT.2022 06:04:52

Highest Band Edge / 1RB49 and 1RB0



Date: 8.OCT.2022 06:03:54

Highest Band Edge / Full RB



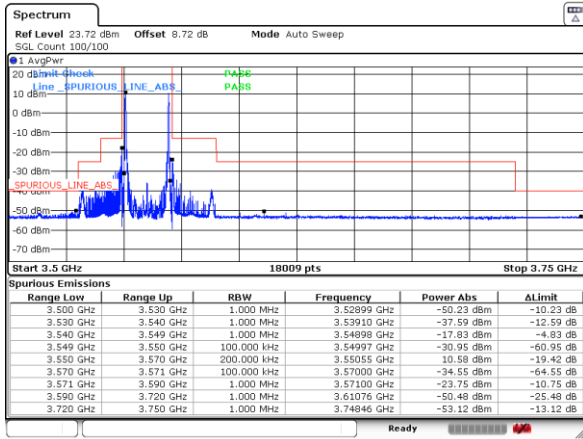
Date: 8.OCT.2022 06:08:12



LTE Band 48B / 10MHz+10MHz

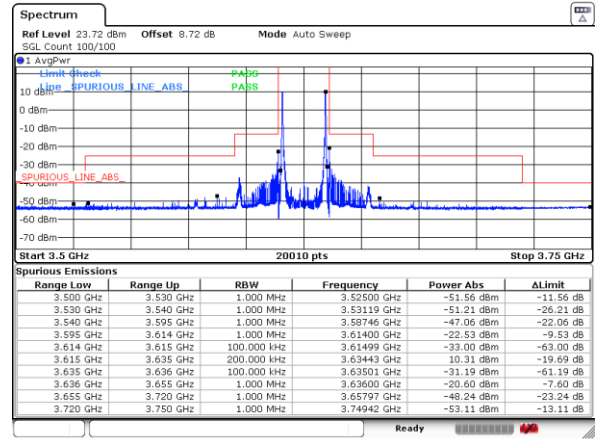
16QAM

Lowest Band Edge / 1RB0 and 1RB49



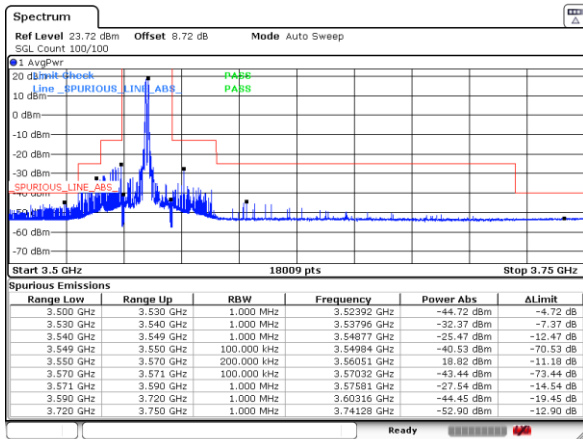
Date: 8.OCT.2022 09:27:46

Middle Band Edge / 1RB0 and 1RB49



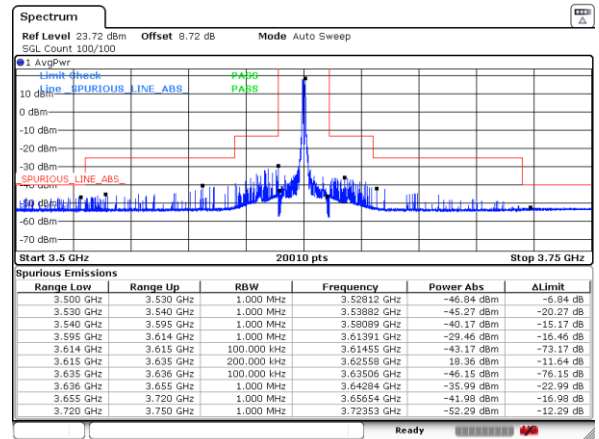
Date: 8.OCT.2022 08:45:27

Lowest Band Edge / 1RB49 and 1RB0



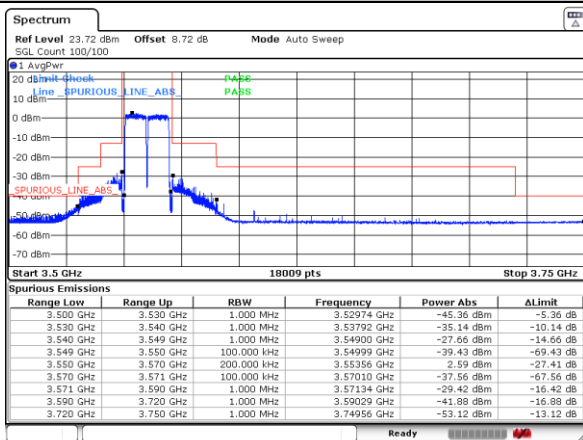
Date: 8.OCT.2022 09:22:11

Middle Band Edge / 1RB9 and 1RB0



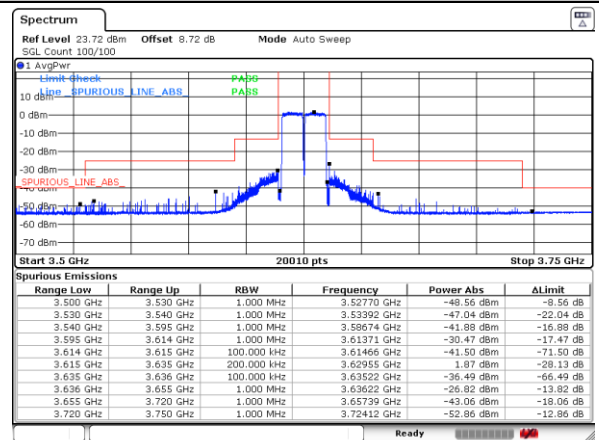
Date: 8.OCT.2022 08:47:28

Lowest Band Edge / Full RB



Date: 8.OCT.2022 09:30:13

Middle Band Edge / Full RB

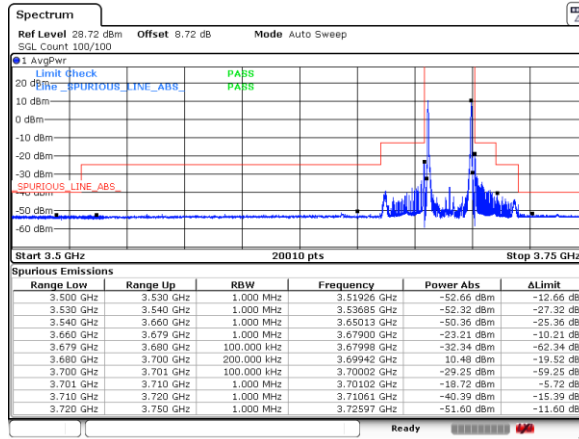


Date: 8.OCT.2022 08:41:40

LTE Band 48B / 10MHz+10MHz

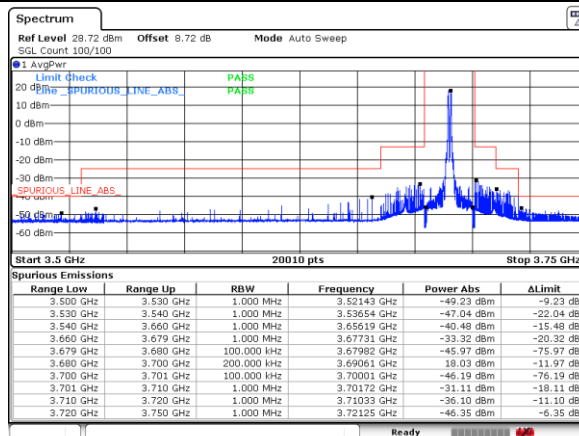
16QAM

Highest Band Edge / 1RB0 and 1RB49



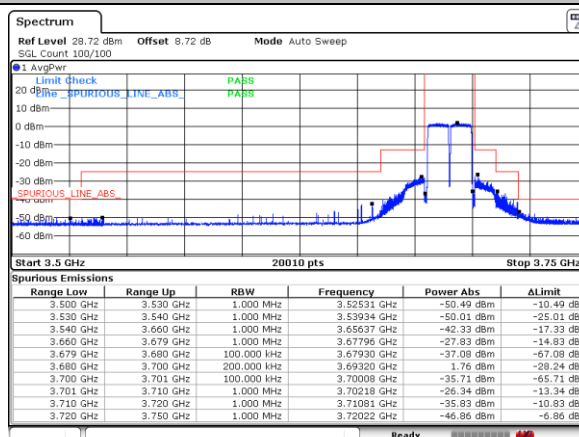
Date: 8.OCT.2022 06:06:04

Highest Band Edge / 1RB49 and 1RB0



Date: 8.OCT.2022 06:03:19

Highest Band Edge / Full RB



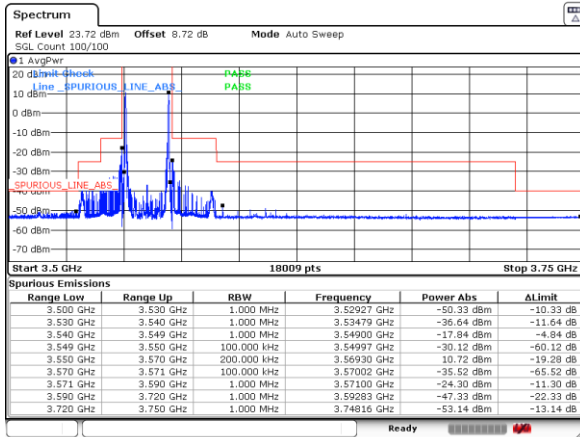
Date: 8.OCT.2022 06:08:50



LTE Band 48B/ 10MHz+10MHz

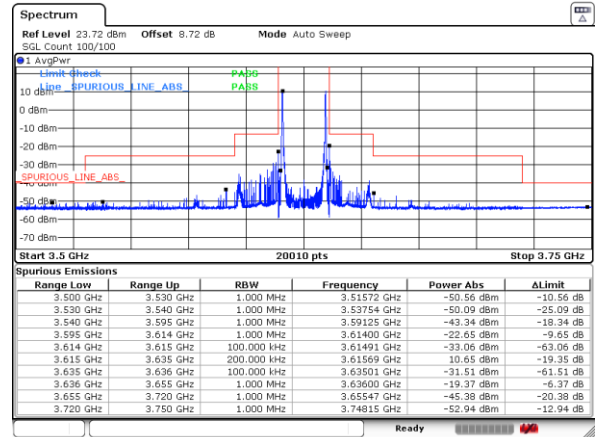
64QAM

Lowest Band Edge / 1RB0 and 1RB49



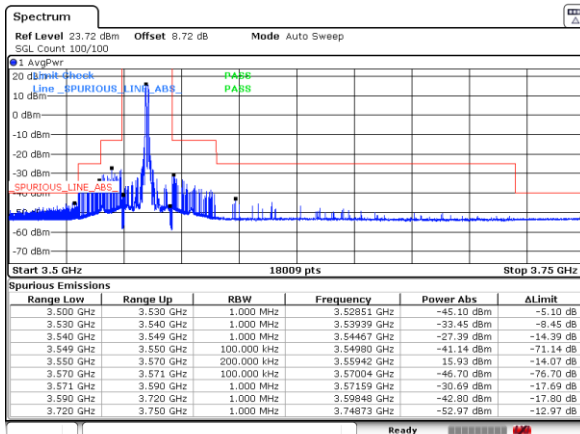
Date: 8 OCT 2022 09:28:24

Middle Band Edge / 1RB0 and 1RB49



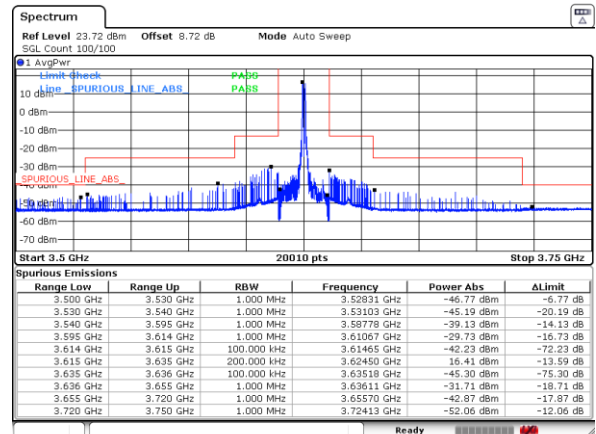
Date: 8 OCT 2022 08:43:20

Lowest Band Edge / 1RB49 and 1RB0



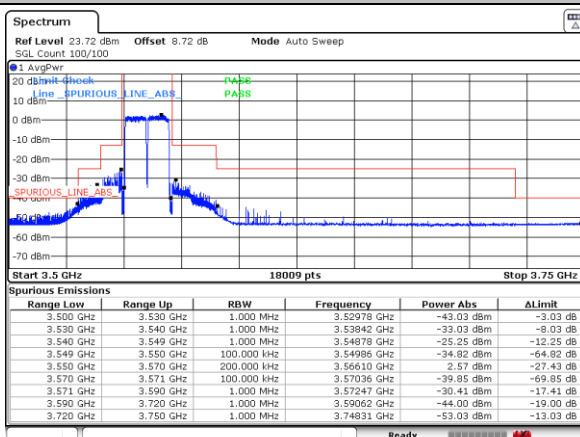
Date: 8 OCT 2022 09:21:34

Middle Band Edge / 1RB49 and 1RB0



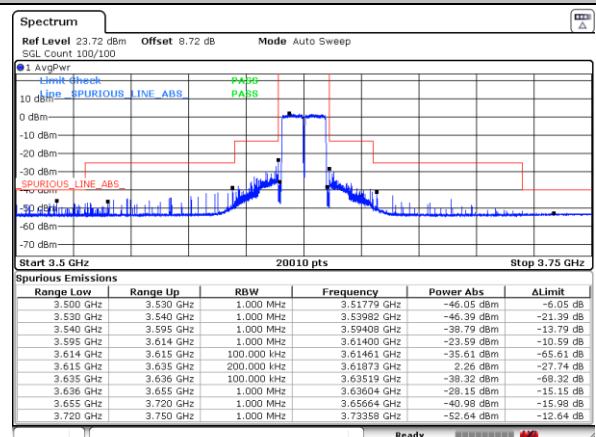
Date: 8 OCT 2022 08:49:51

Lowest Band Edge / Full RB



Date: 8 OCT 2022 09:30:44

Middle Band Edge / Full RB

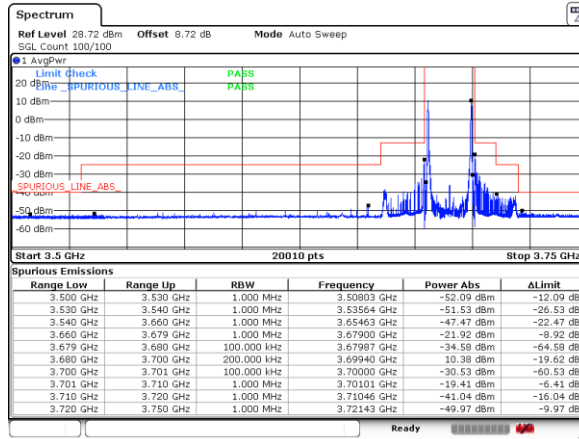


Date: 8 OCT 2022 08:42:19

LTE Band 48B / 10MHz+10MHz

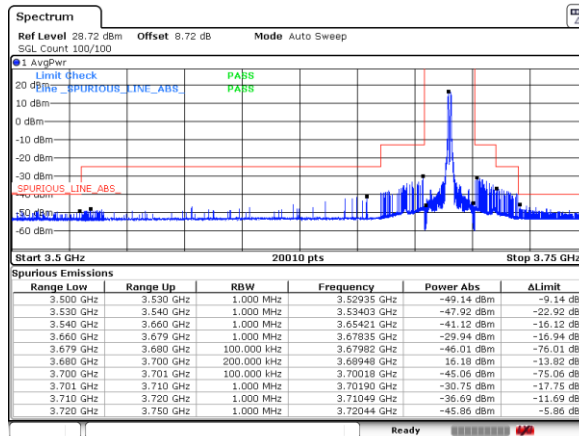
64QAM

Highest Band Edge / 1RB0 and 1RB49



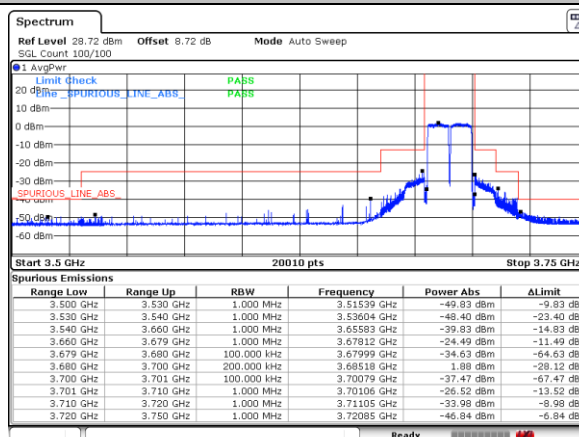
Date: 8.OCT.2022 06:06:57

Highest Band Edge / 1RB49 and 1RB0



Date: 8.OCT.2022 06:01:06

Highest Band Edge / Full RB



Date: 8.OCT.2022 06:09:19



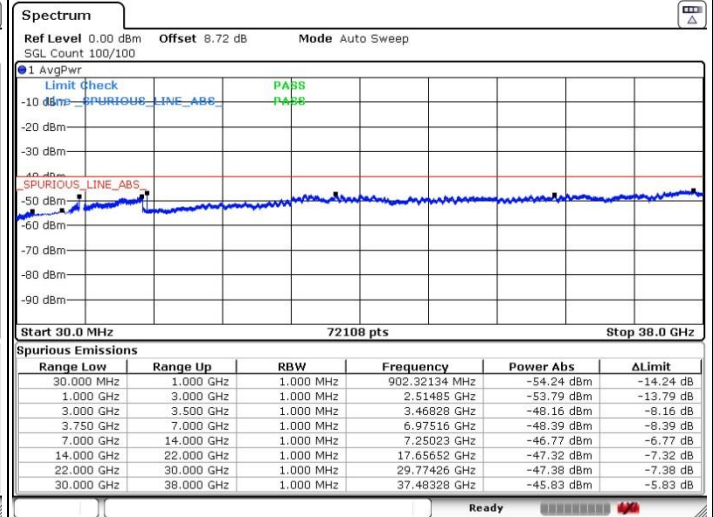
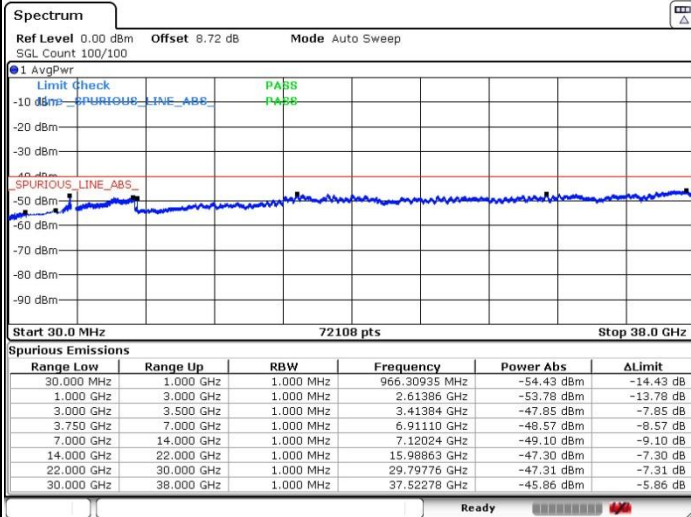
Conducted Spurious Emission

LTE Band 48B / 10MHz+10MHz

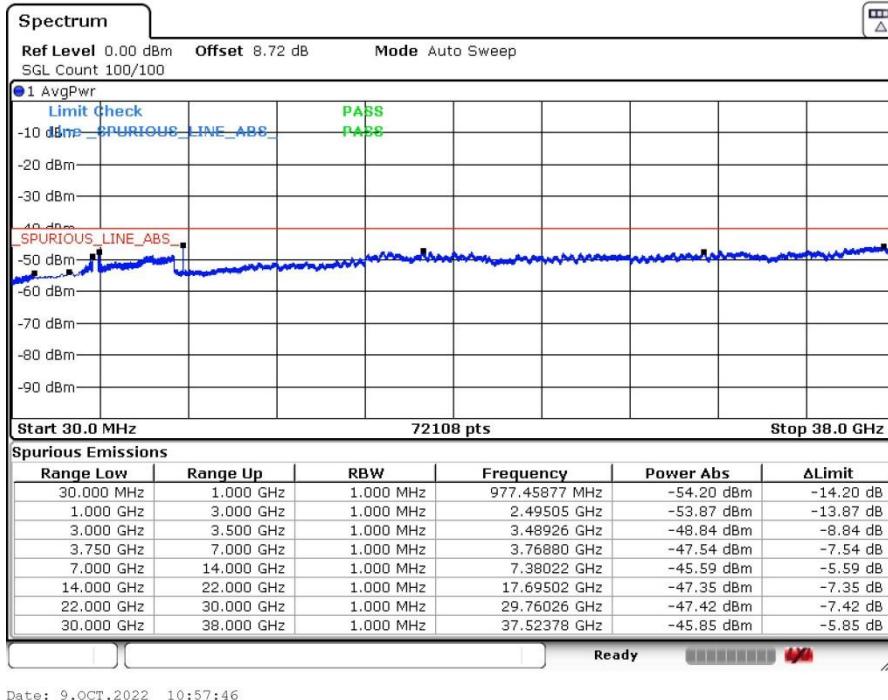
QPSK

Lowest Channel / 1RB49 and 1RB0

Middle Channel / 1RB49 and 1RB0



Highest Channel / 1RB99 and 1RB0



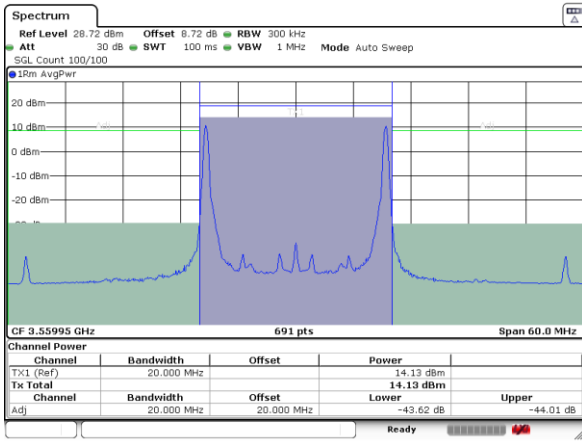


ACLR

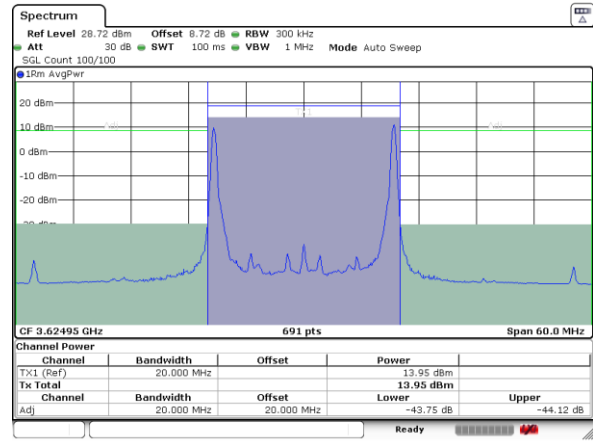
LTE Band 48B / 10MHz+10MHz

QPSK

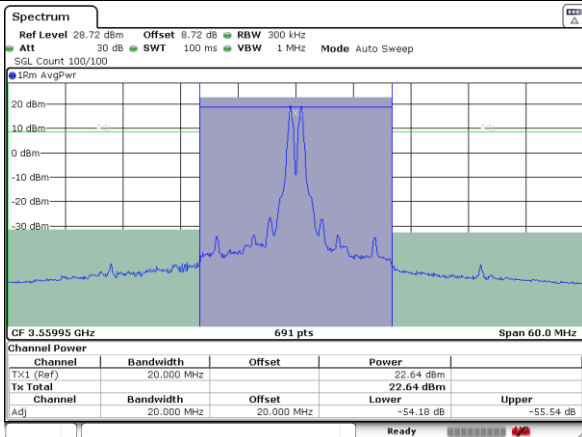
Lowest Band Edge / 1RB0 and 1RB99



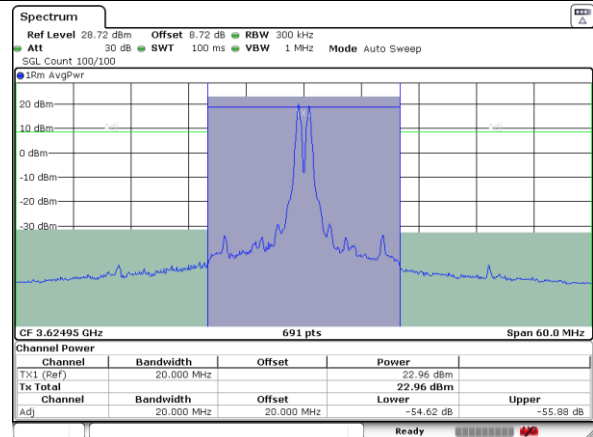
Middle Band Edge / 1RB0 and 1RB99



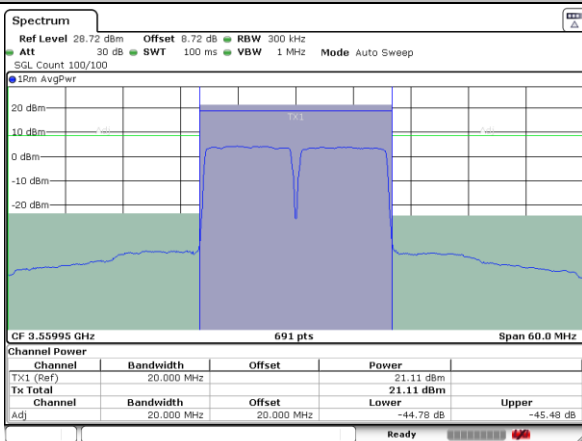
Lowest Band Edge / 1RB99 and 1RB0



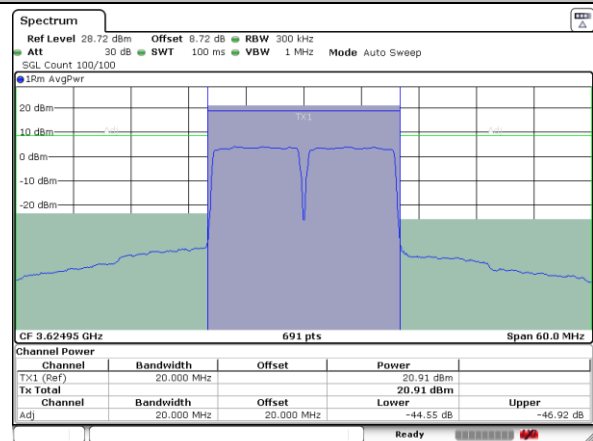
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



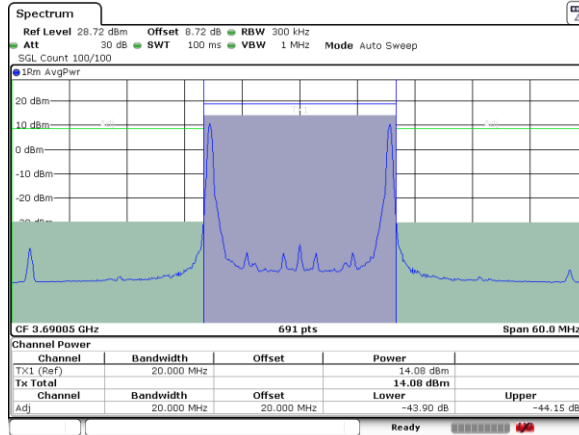
Middle Band Edge / Full RB



LTE Band 48B / 10MHz+10MHz

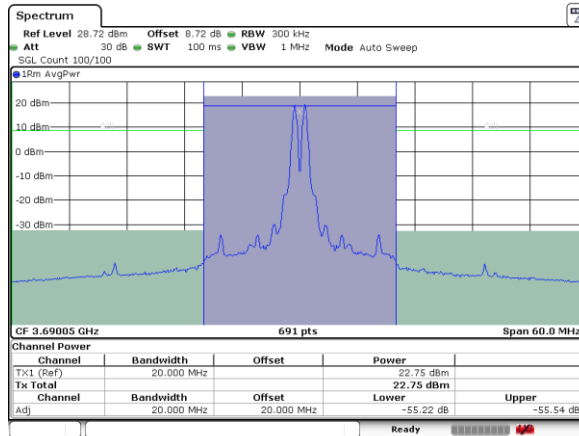
QPSK

Highest Band Edge / 1RB0 and 1RB99



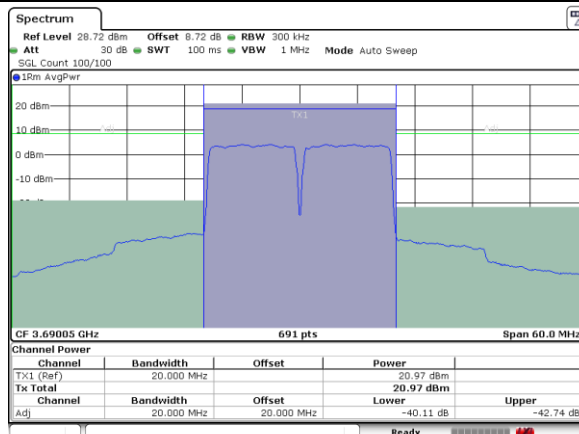
Date: 8.OCT.2022 07:34:07

Highest Band Edge / 1RB99 and 1RB0



Date: 8.OCT.2022 07:41:58

Highest Band Edge / Full RB



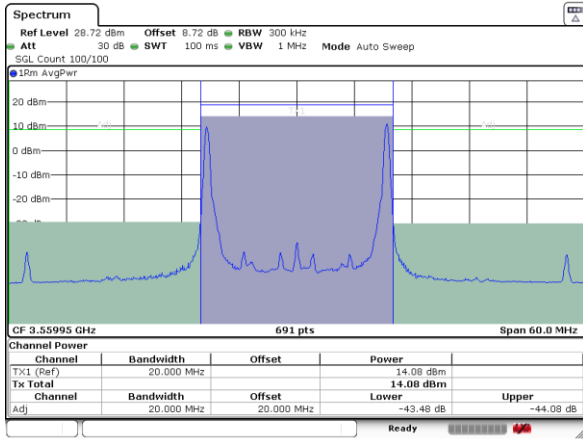
Date: 8.OCT.2022 07:32:49



LTE Band 48B/ 10MHz+10MHz

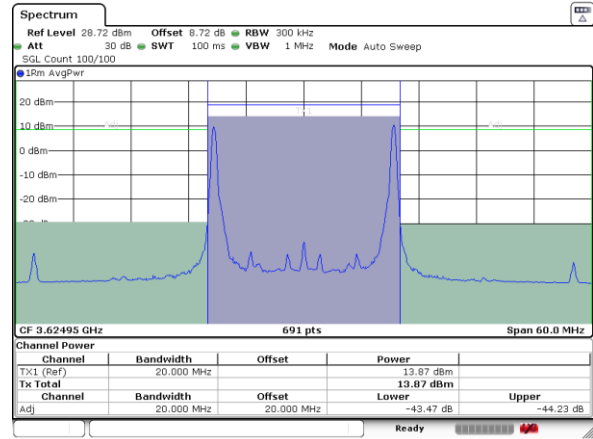
16QAM

Lowest Band Edge / 1RB0 and 1RB99



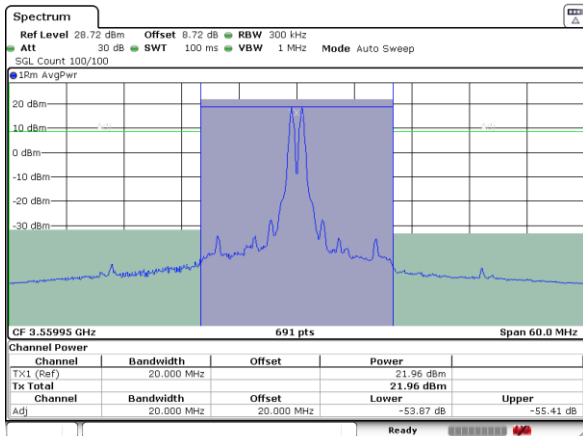
Date: 8 OCT 2022 09:09:50

Middle Band Edge / 1RB0 and 1RB99



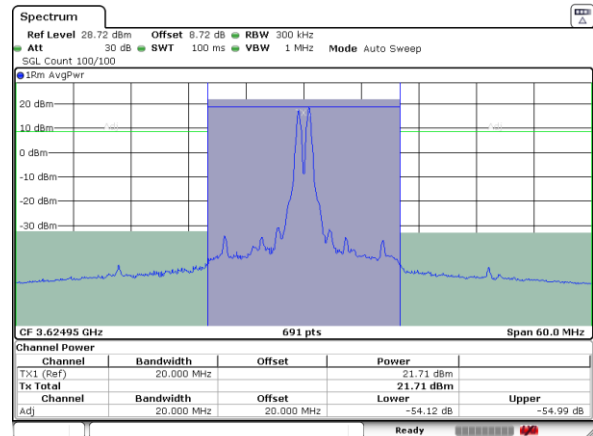
Date: 8 OCT 2022 09:01:44

Lowest Band Edge / 1RB99 and 1RB0



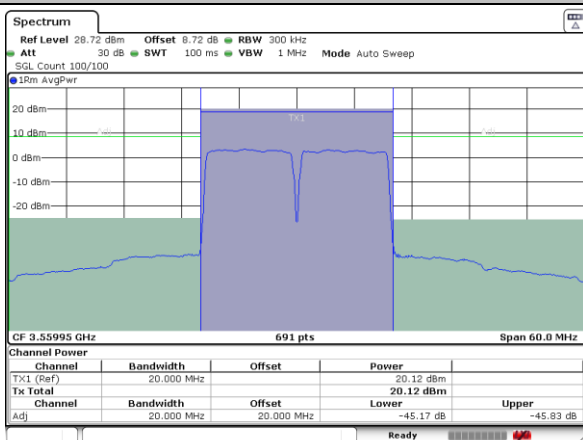
Date: 8 OCT 2022 09:12:02

Middle Band Edge / 1RB99 and 1RB0



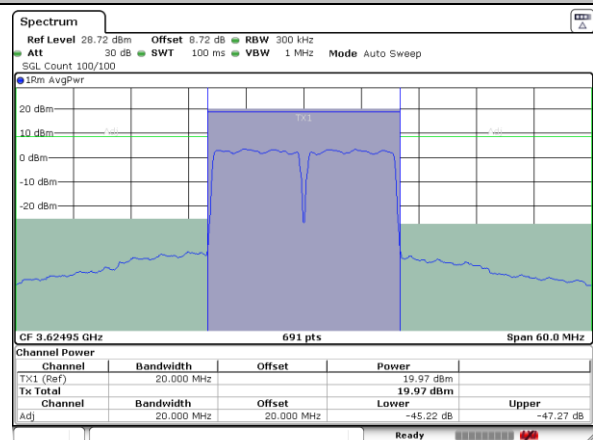
Date: 8 OCT 2022 08:57:20

Lowest Band Edge / Full RB



Date: 8 OCT 2022 09:07:49

Middle Band Edge / Full RB



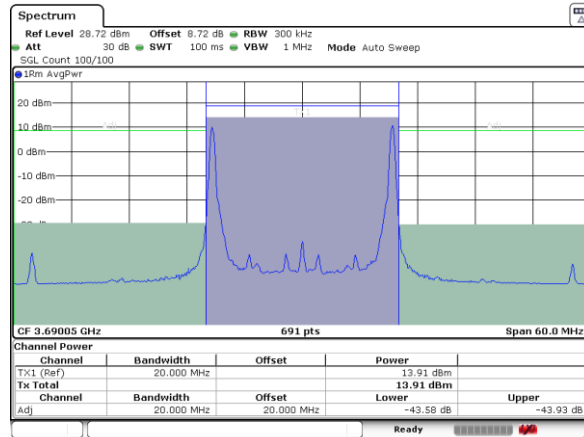
Date: 8 OCT 2022 08:58:59



LTE Band 48B / 10MHz+10MHz

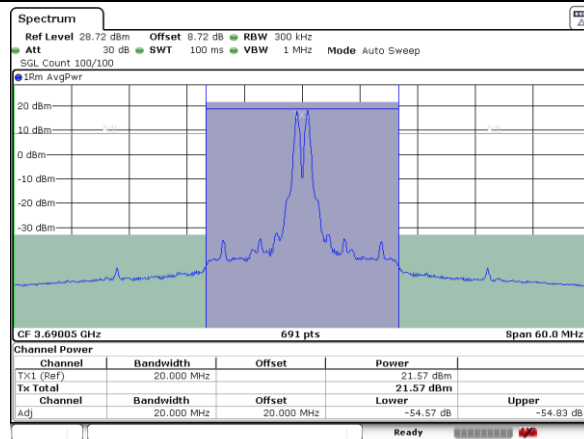
16QAM

Highest Band Edge / 1RB0 and 1RB99



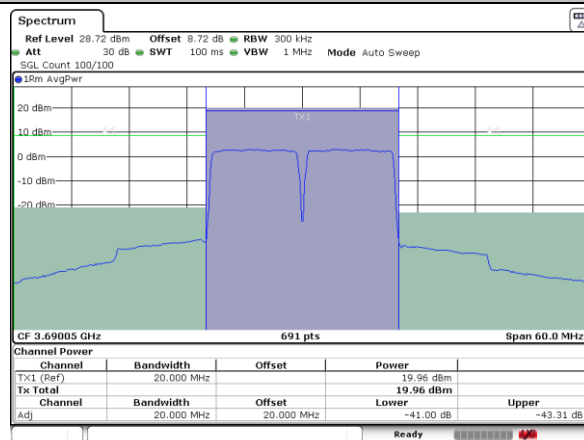
Date: 8 OCT.2022 07:36:52

Highest Band Edge / 1RB99 and 1RB0



Date: 8 OCT.2022 07:40:34

Highest Band Edge / Full RB



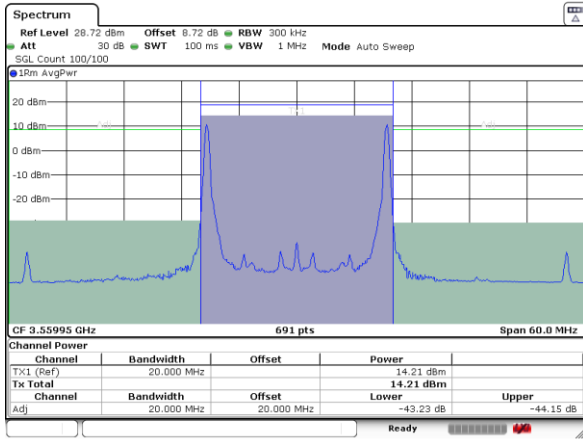
Date: 8 OCT.2022 07:31:33



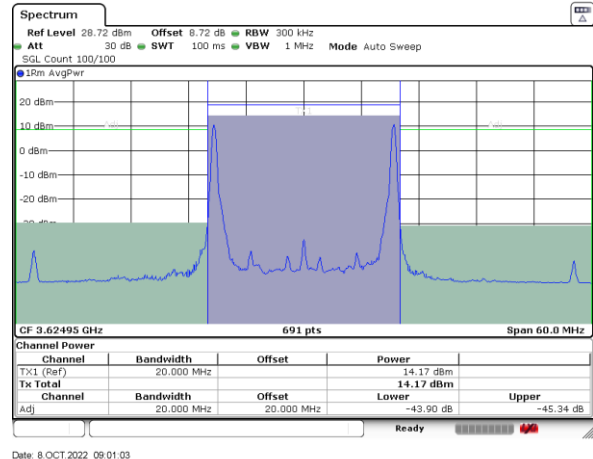
LTE Band 48B / 10MHz+10MHz

64QAM

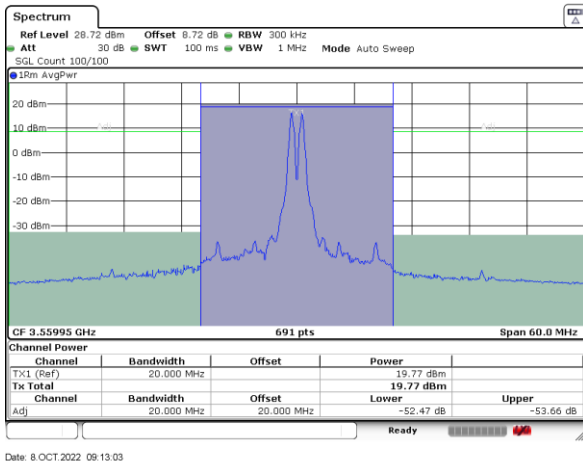
Lowest Band Edge / 1RB0 and 1RB99



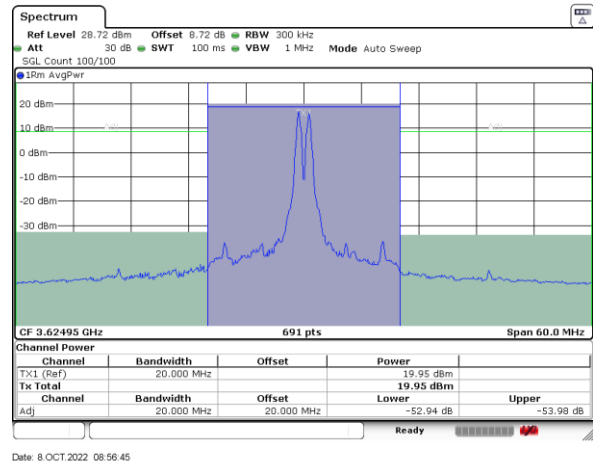
Middle Band Edge / 1RB0 and 1RB99



Lowest Band Edge / 1RB99 and 1RB0



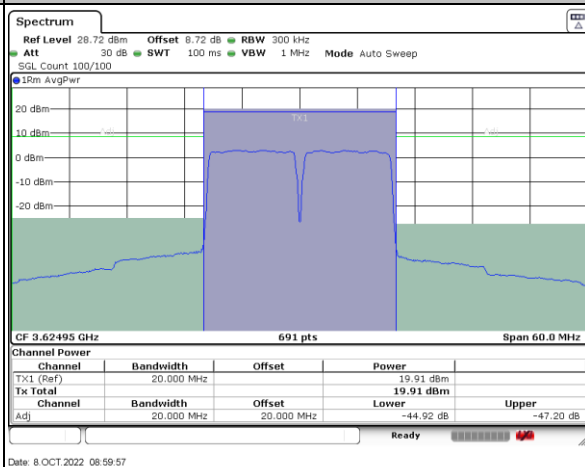
Middle Band Edge / 1RB99 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB

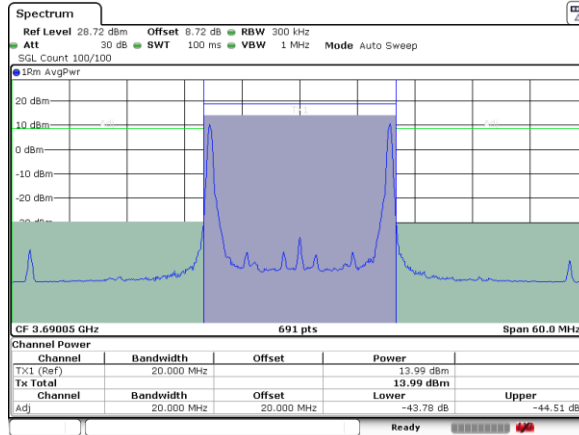




LTE Band 48B / 10MHz+10MHz

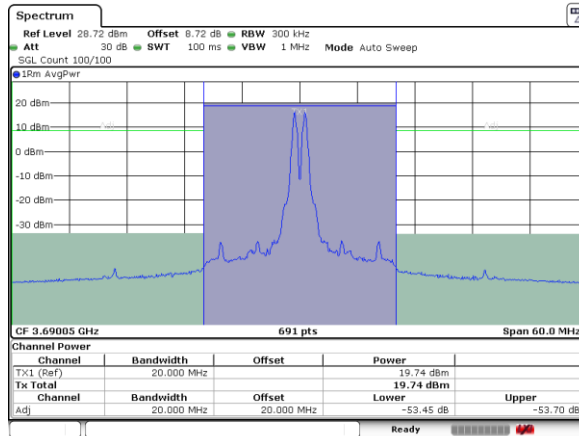
64QAM

Highest Band Edge / 1RB0 and 1RB99



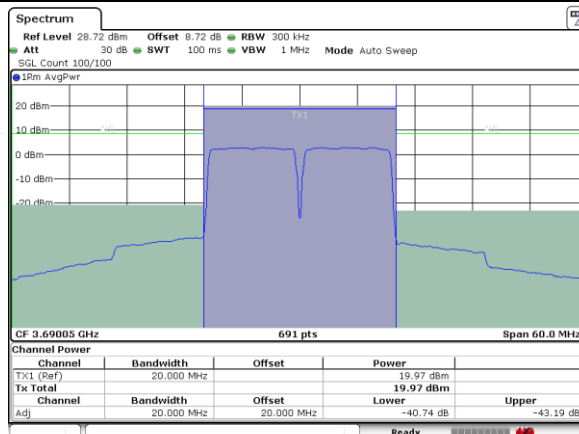
Date: 8.OCT.2022 07:37:43

Highest Band Edge / 1RB99 and 1RB0



Date: 8.OCT.2022 07:38:23

Highest Band Edge / Full RB



Date: 8.OCT.2022 07:29:48

Frequency Stability

Test Conditions		LTE Band 48B (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10+10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0034	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0028	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0027	
-20	Normal Voltage	0.0038	
-30	Normal Voltage	0.0044	
20	Maximum Voltage	0.0022	
20	Normal Voltage	0.0016	
20	Battery End Point	0.0017	

Note:

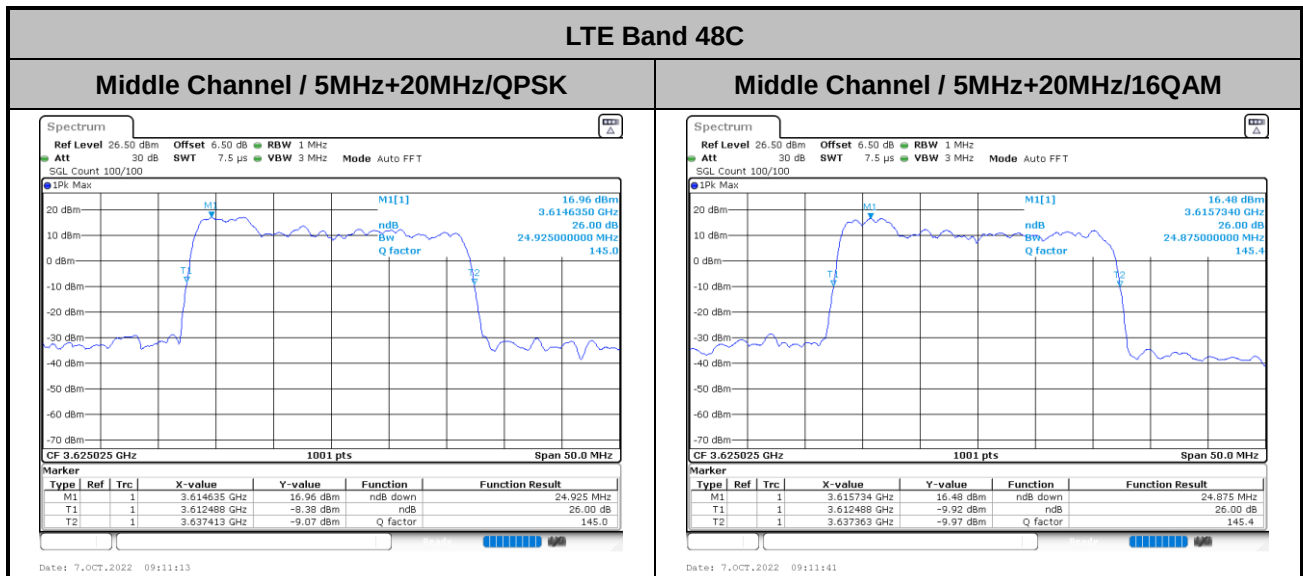
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.48 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

26dB Bandwidth

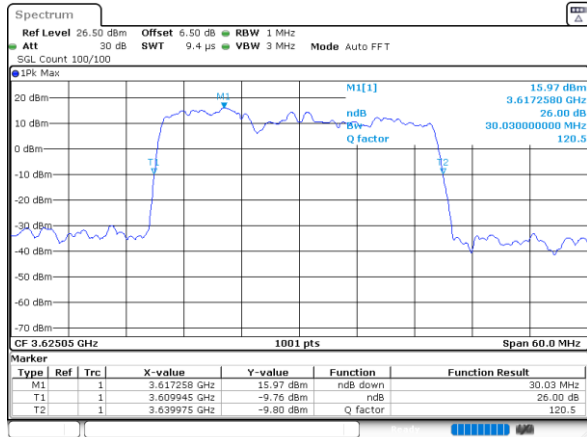
Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.93	24.88
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	30.03	29.91
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.90	34.83
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.80	39.72





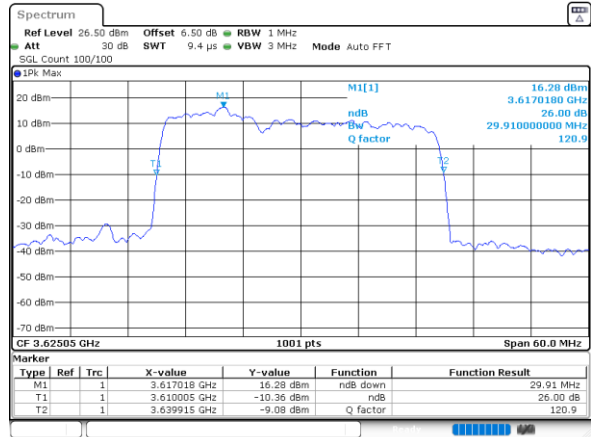
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



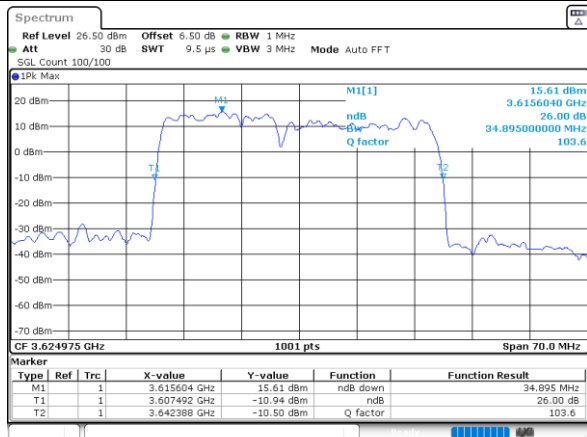
Date: 7.OCT.2022 09:13:12

Middle Channel / 10MHz+20MHz/16QAM



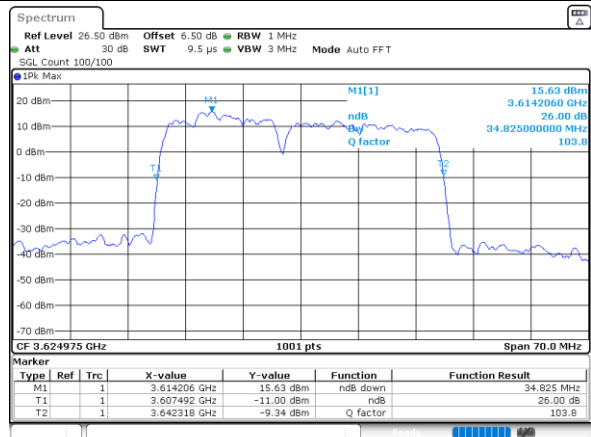
Date: 7.OCT.2022 09:13:40

Middle Channel / 15MHz+20MHz/QPSK



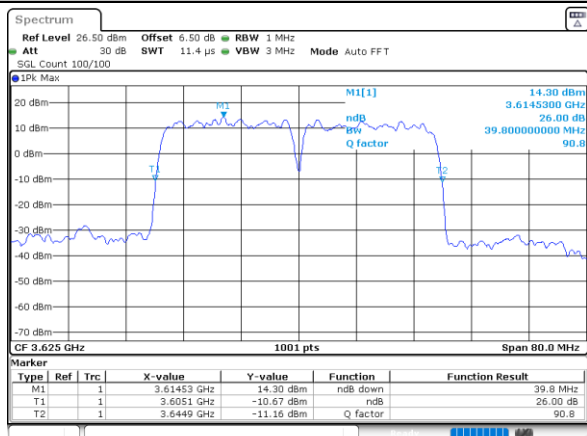
Date: 7.OCT.2022 09:15:06

Middle Channel / 15MHz+20MHz/16QAM



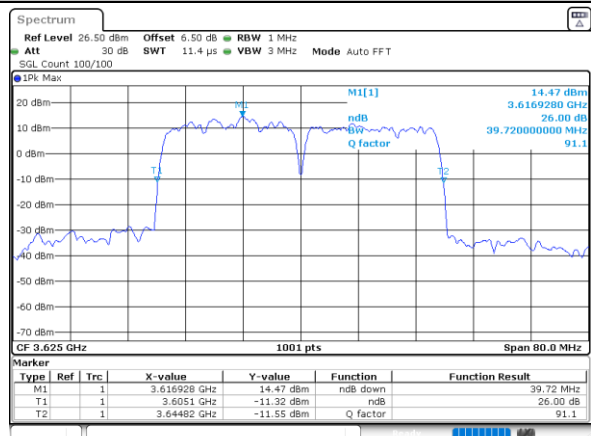
Date: 7.OCT.2022 09:15:34

Middle Channel / 20MHz+20MHz/QPSK



Date: 7.OCT.2022 09:17:05

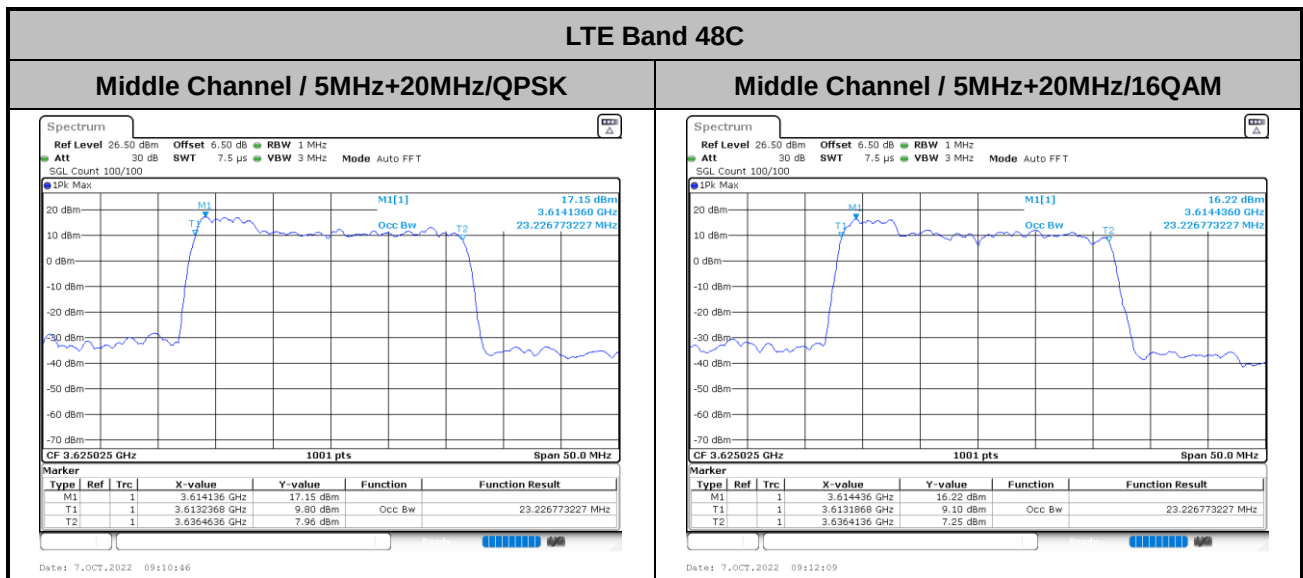
Middle Channel / 20MHz+20MHz/16QAM



Date: 7.OCT.2022 09:17:33

Occupied Bandwidth

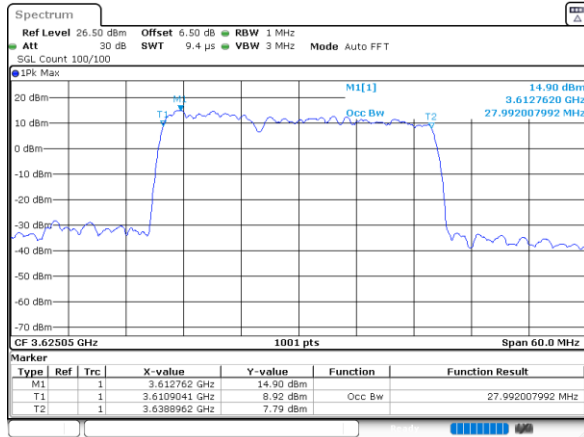
Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.23	23.23
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	27.99	28.11
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.80	32.94
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.56



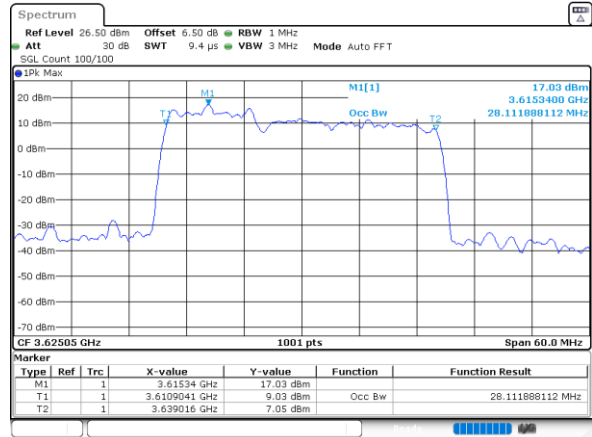


LTE Band 48C

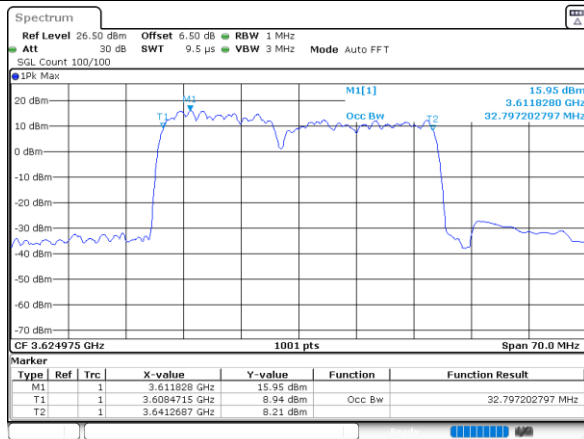
Middle Channel / 10MHz+20MHz/QPSK



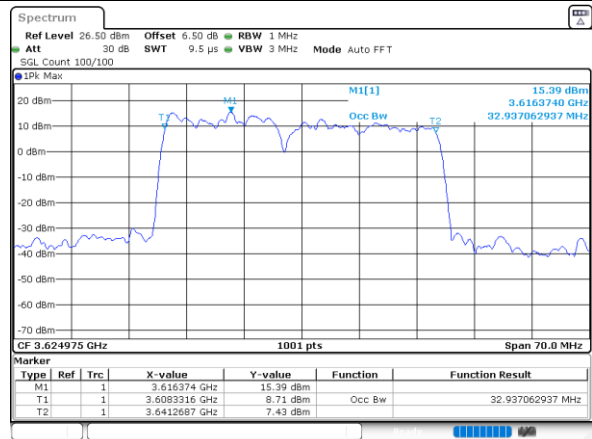
Middle Channel / 10MHz+20MHz/16QAM



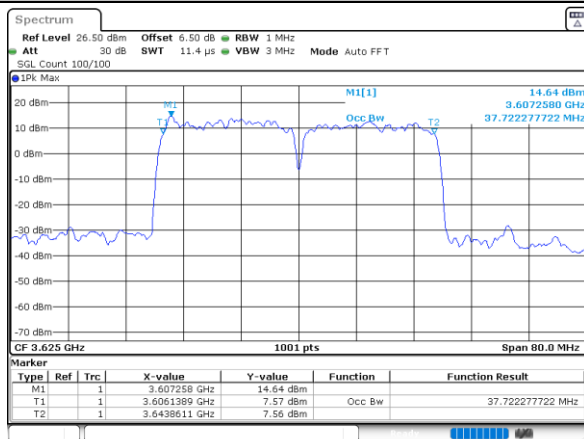
Middle Channel / 15MHz+20MHz/QPSK



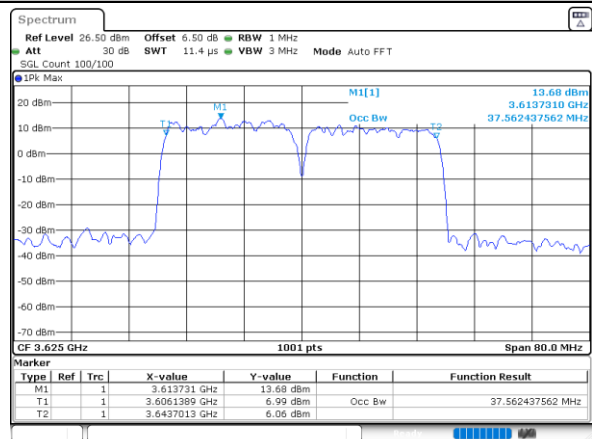
Middle Channel / 15MHz+20MHz/16QAM



Middle Channel / 20MHz+20MHz/QPSK



Middle Channel / 20MHz+20MHz/16QAM

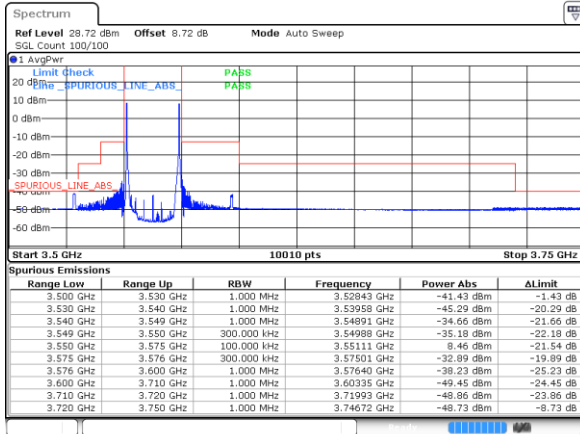




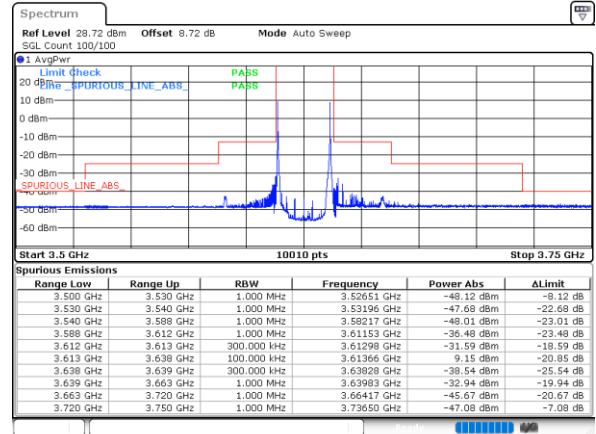
Conducted Band Edge

LTE Band 48C / 5MHz+20MHz / QPSK

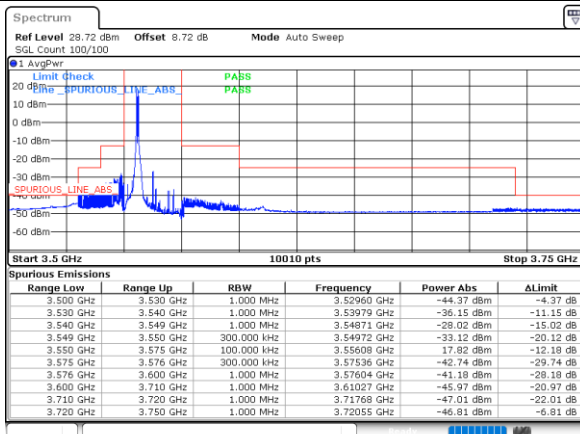
Lowest Band Edge / 1RB0 and 1RB99



Middle Band Edge / 1RB0 and 1RB99

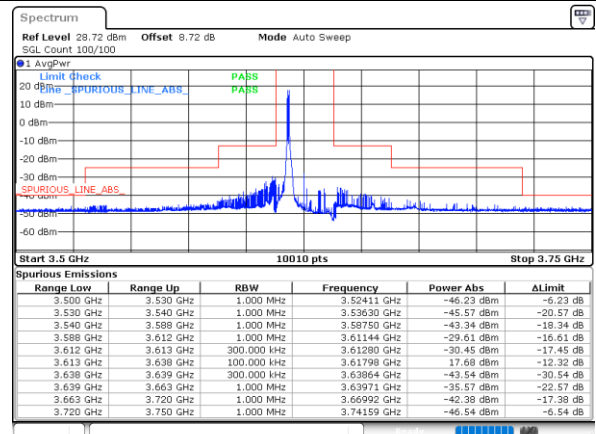


Lowest Band Edge / 1RB24 and 1RB0



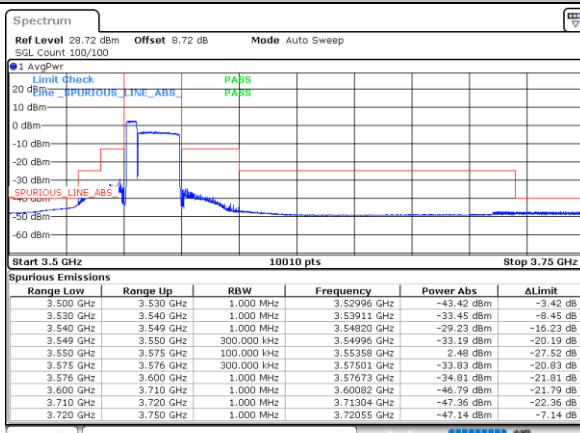
Date: 30_SEP.2022 22:30:03

Middle Band Edge / 1RB24 and 1RB0



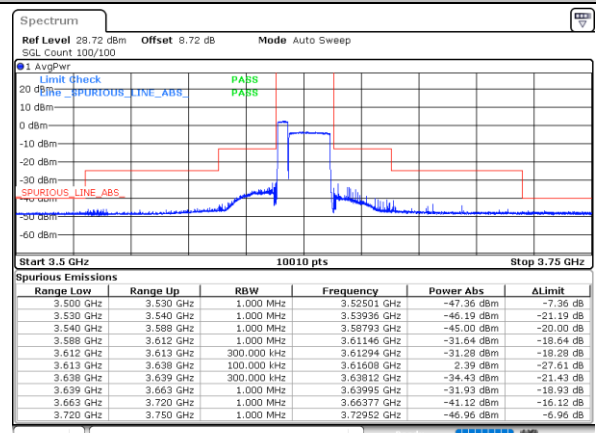
Date: 30_SEP.2022 23:23:51

Lowest Band Edge / Full RB



Date: 30_SEP.2022 22:13:03

Middle Band Edge / Full RB



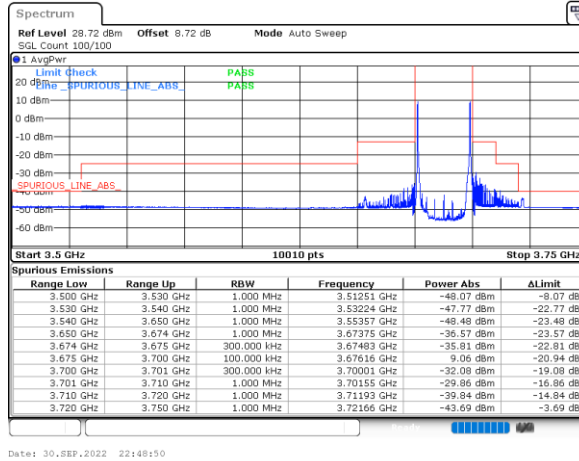
Date: 30_SEP.2022 23:06:45



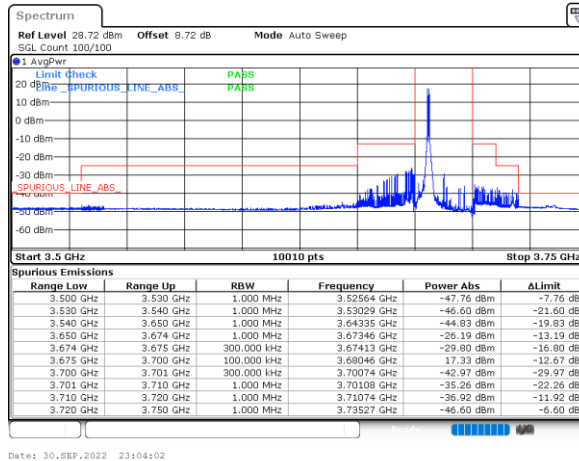
LTE Band 48C / 5MHz+20MHz

QPSK

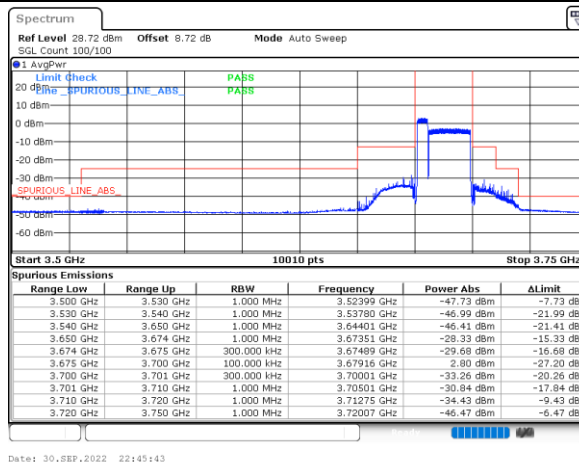
Highest Band Edge / 1RB0 and 1RB99



Highest Band Edge / 1RB24 and 1RB0



Highest Band Edge / Full RB

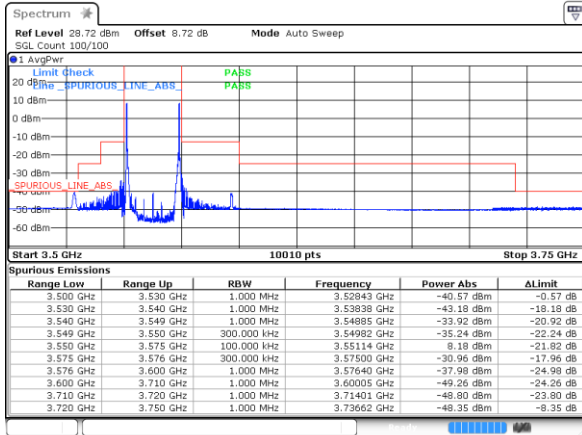




LTE Band 48C / 5MHz+20MHz

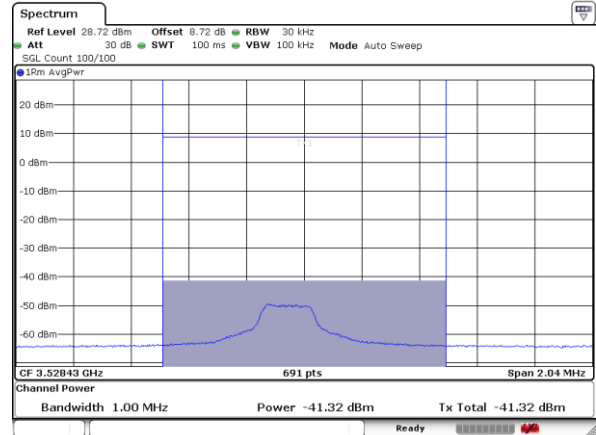
16QAM

Lowest Band Edge / 1RB0 and 1RB99



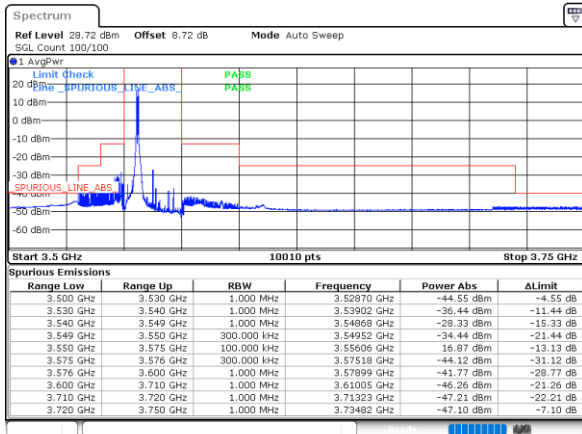
Date: 6 OCT.2022 17:51:36

Lowest Band Edge / 1RB0 and 1RB99



Date: 6 OCT.2022 18:13:28

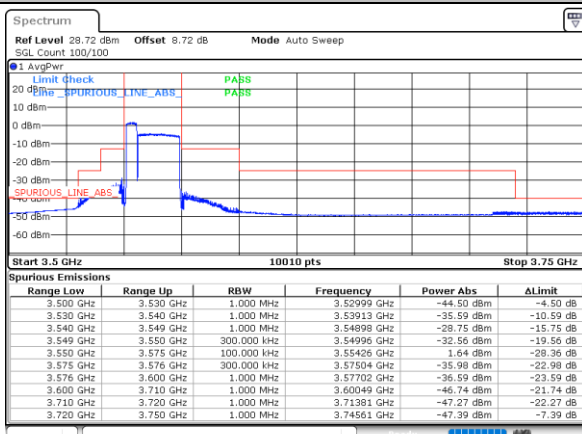
Lowest Band Edge / 1RB24 and 1RB0



Date: 30,SEP,2022 22:33:10

NA

Lowest Band Edge / Full RB



Date: 30,SEP,2022 22:09:05

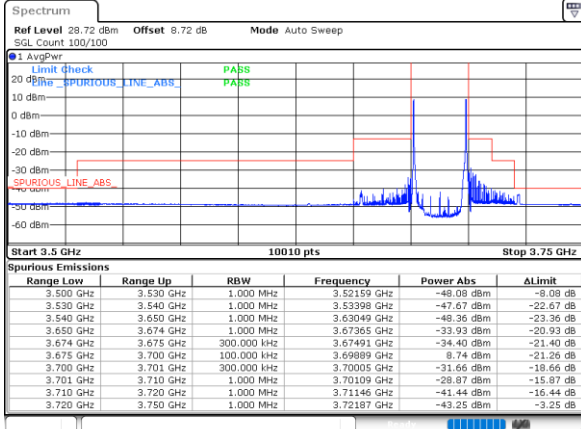
NA



LTE Band 48C / 5MHz+20MHz

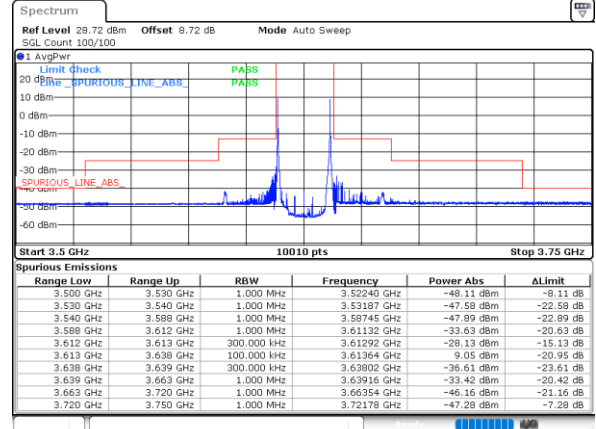
16QAM

Highest Band Edge / 1RB0 and 1RB99



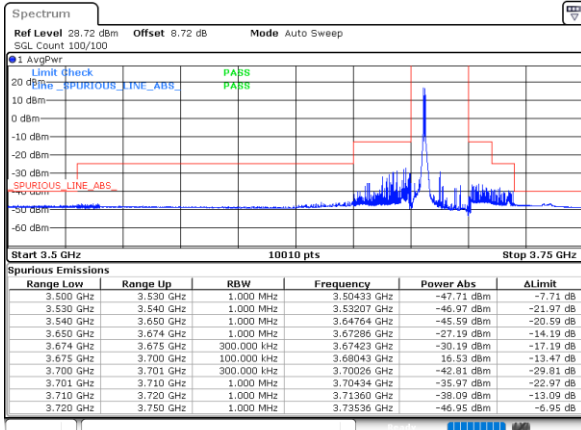
Date: 30,SEP,2022 22:51:36

Middle Band Edge / 1RB0 and 1RB99



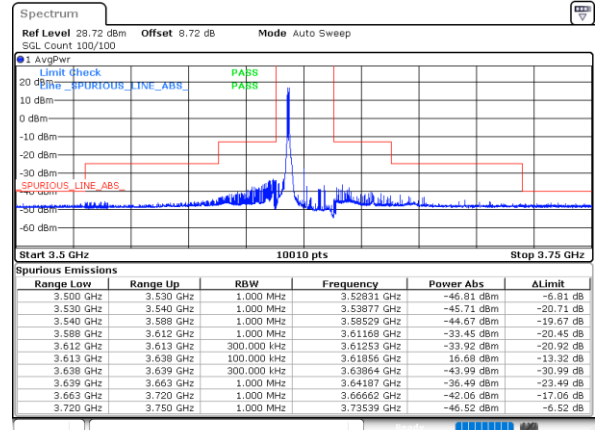
Date: 30,SEP,2022 23:17:12

Highest Band Edge / 1RB24 and 1RB0



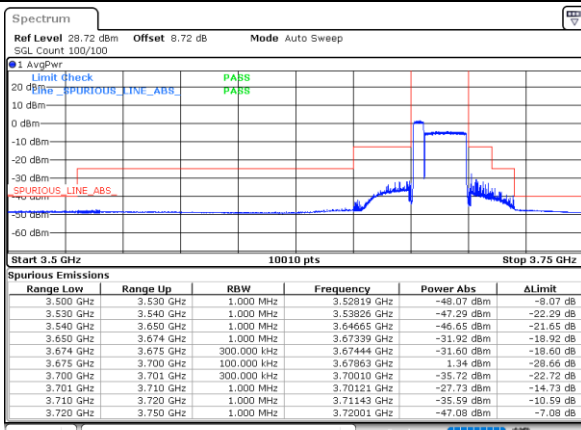
Date: 30,SEP,2022 22:59:58

Middle Band Edge / 1RB24 and 1RB0



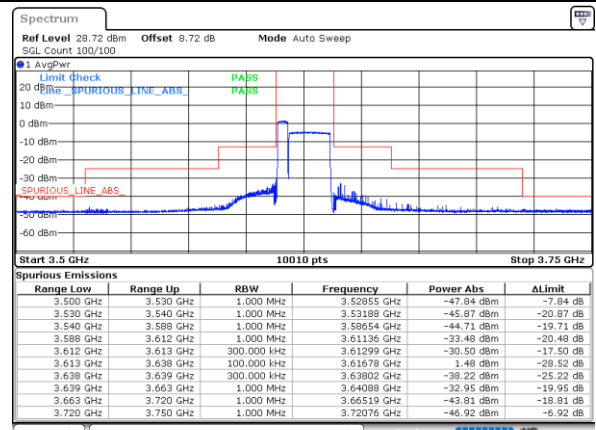
Date: 30,SEP,2022 23:26:28

Highest Band Edge / Full RB



Date: 30,SEP,2022 22:42:36

Middle Band Edge / Full RB



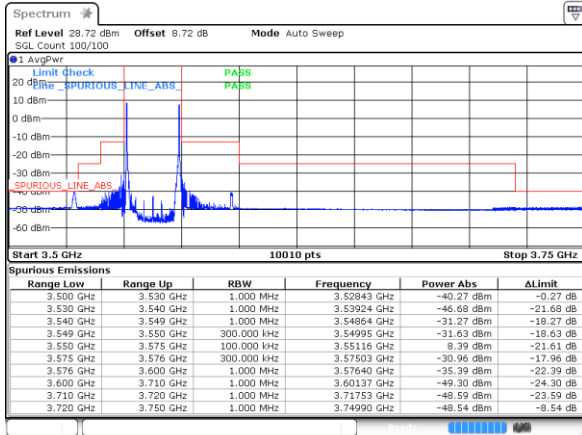
Date: 30,SEP,2022 23:09:21



LTE Band 48C / 5MHz+20MHz

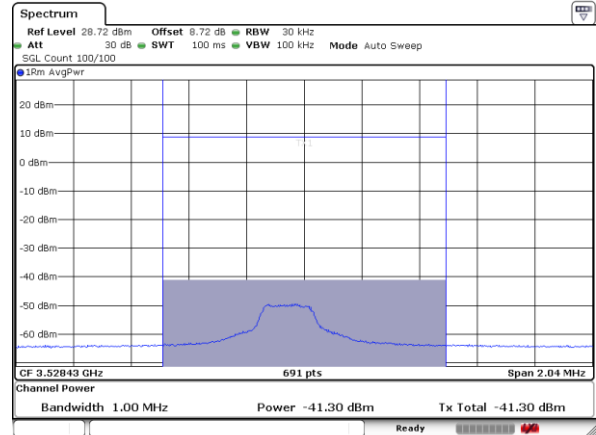
64QAM

Lowest Band Edge / 1RB0 and 1RB99



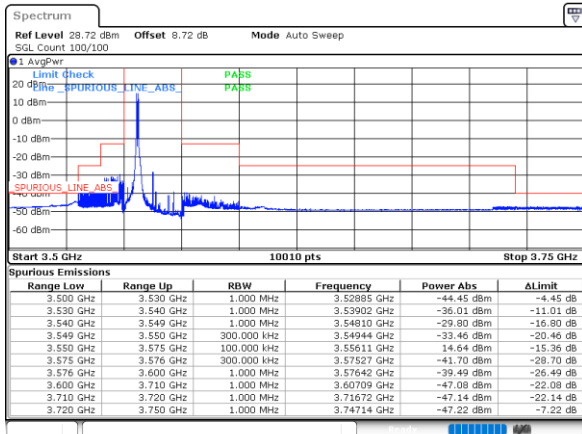
Date: 6 OCT.2022 17:56:02

Lowest Band Edge / 1RB0 and 1RB99



Date: 6 OCT.2022 18:11:39

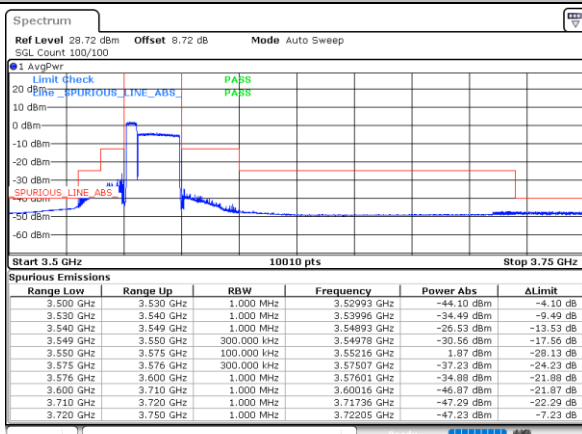
Lowest Band Edge / 1RB24 and 1RB0



Date: 30,SEP,2022 22:13:17

NA

Lowest Band Edge / Full RB



Date: 30,SEP,2022 22:16:10

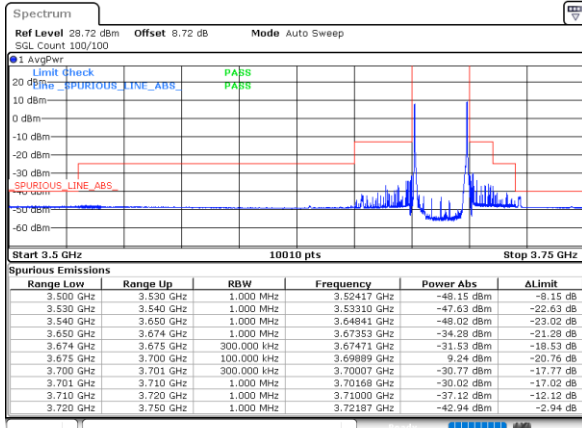
NA



LTE Band 48C / 5MHz+20MHz

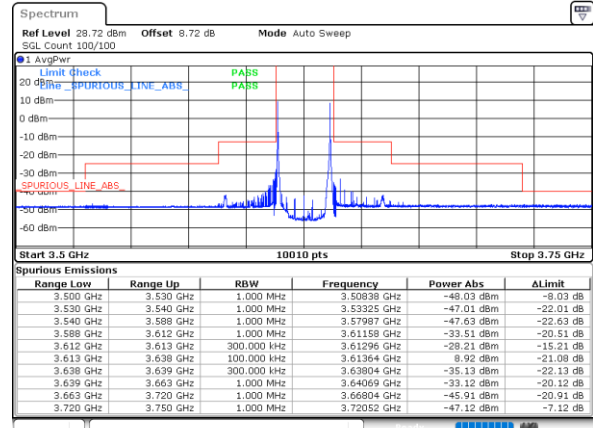
64QAM

Highest Band Edge / 1RB0 and 1RB99



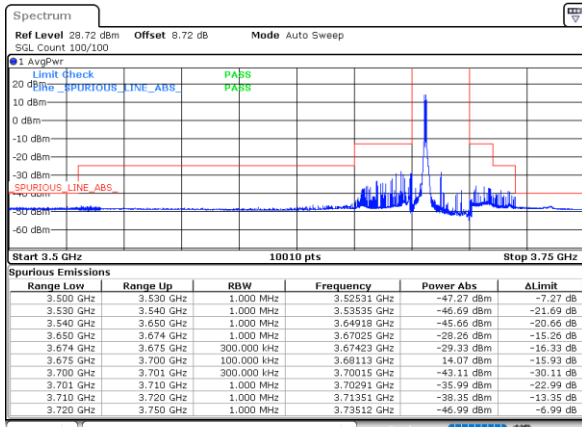
Date: 30,SEP,2022 22:54:23

Middle Band Edge / 1RB0 and 1RB99



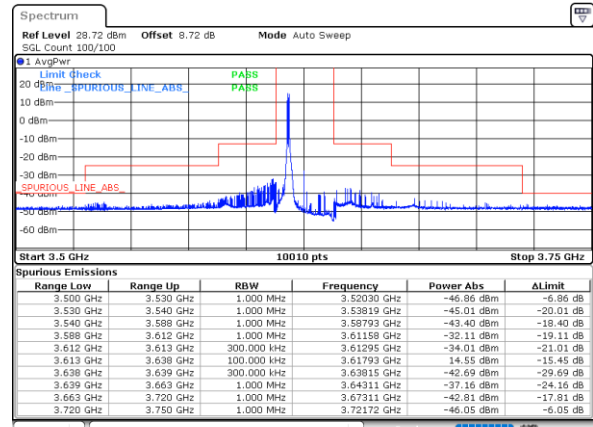
Date: 30,SEP,2022 23:14:35

Highest Band Edge / 1RB24 and 1RB0



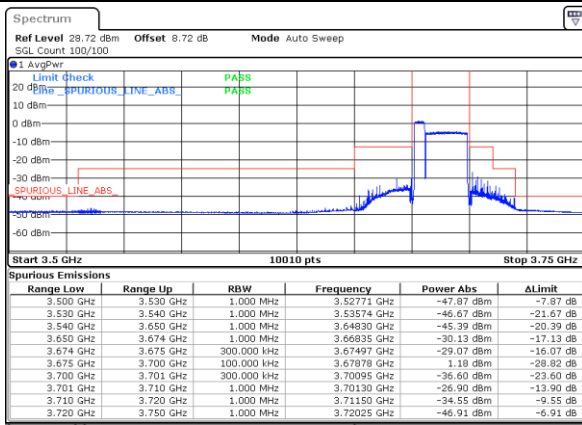
Date: 30,SEP,2022 22:57:10

Middle Band Edge / 1RB24 and 1RB0



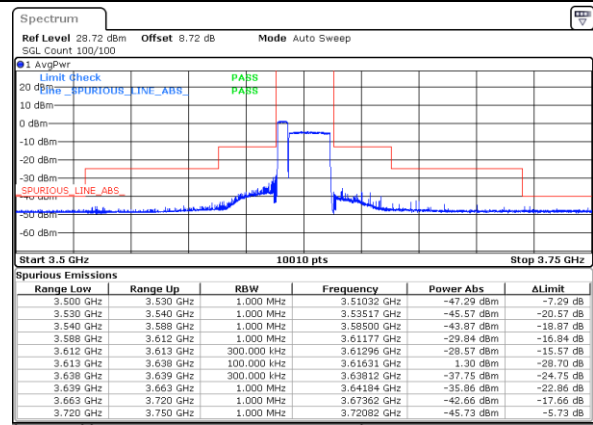
Date: 30,SEP,2022 23:29:05

Highest Band Edge / Full RB



Date: 30,SEP,2022 22:39:30

Middle Band Edge / Full RB



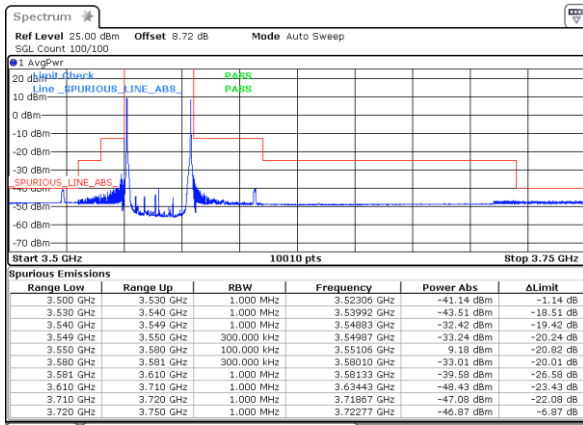
Date: 30,SEP,2022 23:11:58



LTE Band 48C / 10MHz+20MHz

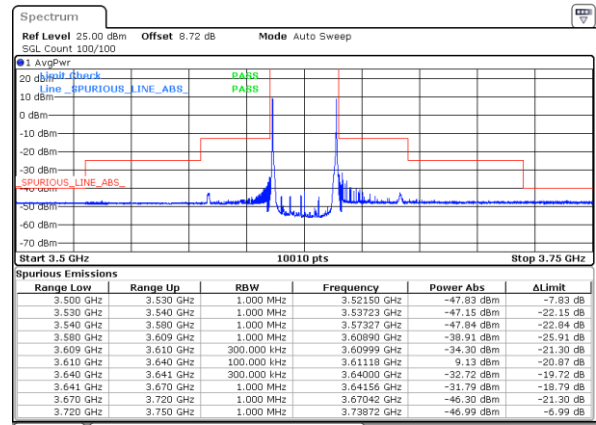
QPSK

Lowest Band Edge / 1RB0 and 1RB99



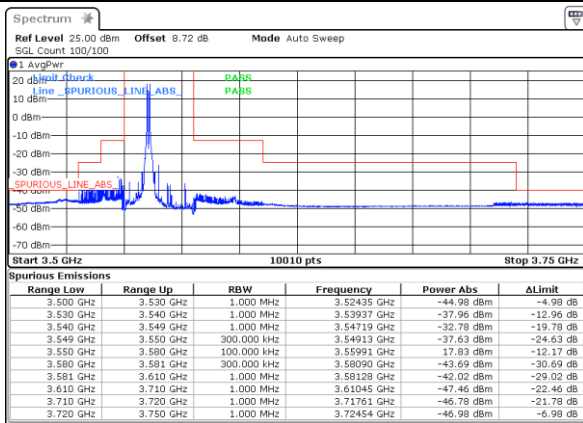
Date: 1.OCT.2022 00:02:19

Middle Band Edge / 1RB0 and 1RB99



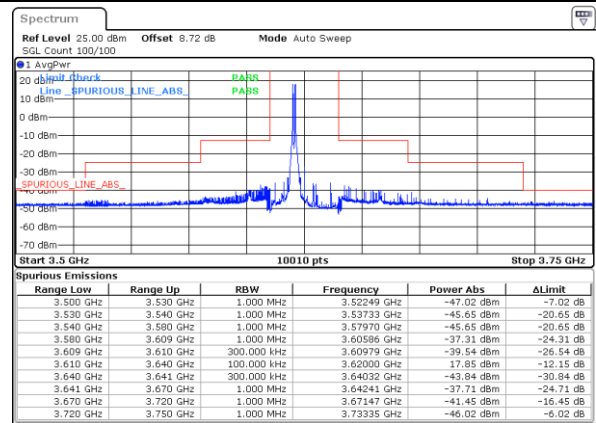
Date: 1.OCT.2022 00:59:05

Lowest Band Edge / 1RB49 and 1RB0



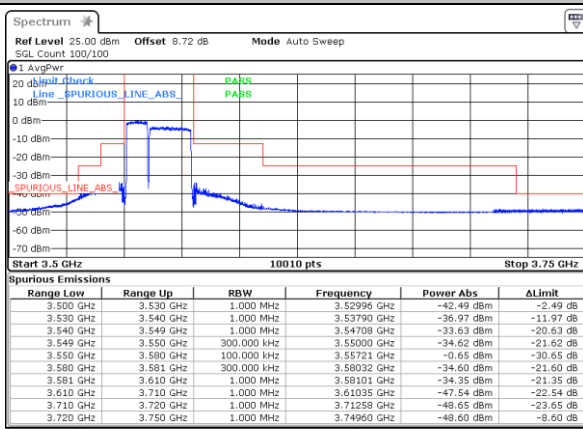
Date: 1.OCT.2022 00:37:35

Middle Band Edge / 1RB49 and 1RB0



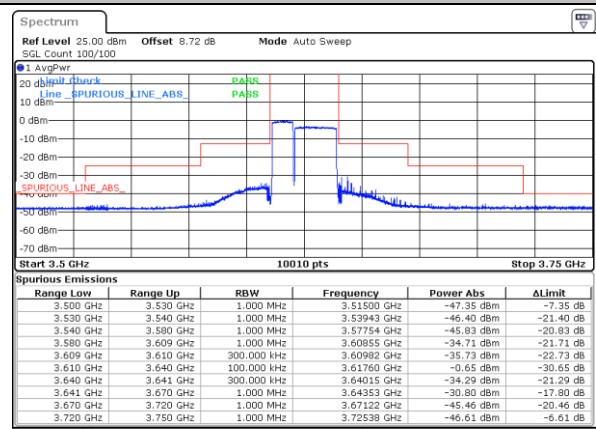
Date: 1.OCT.2022 01:03:18

Lowest Band Edge / Full RB



Date: 6.OCT.2022 17:23:49

Middle Band Edge / Full RB



Date: 1.OCT.2022 00:45:10