

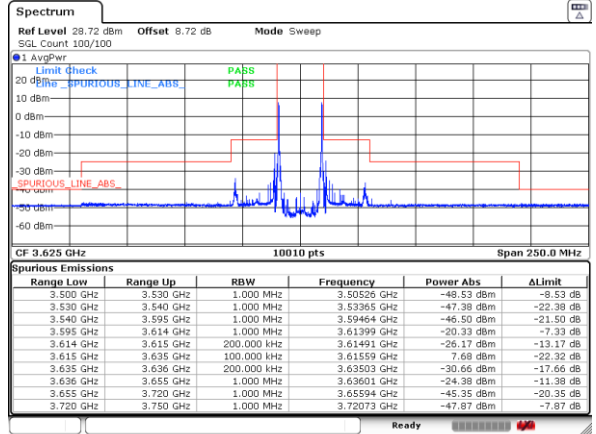
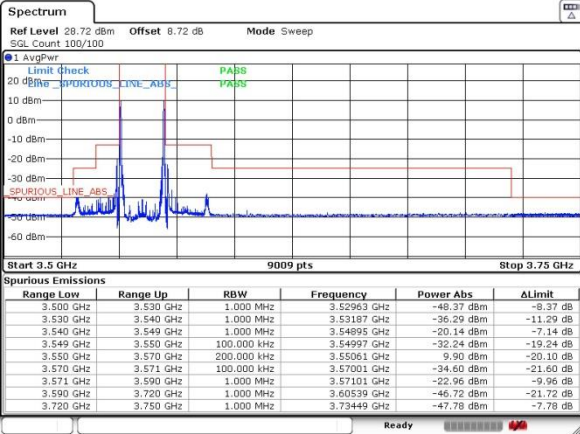


LTE Band 48B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

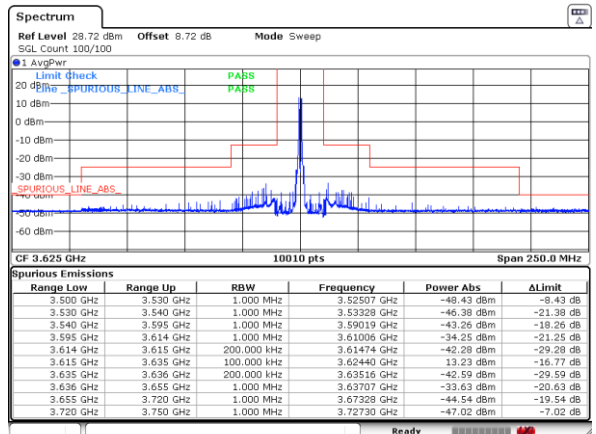
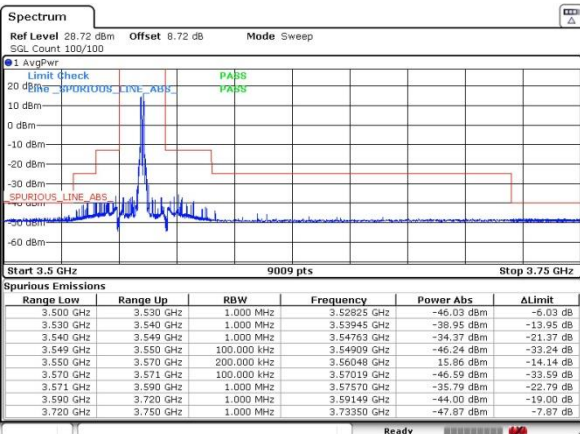


Date: 3.OCT.2024 16:07:12

Date: 3.OCT.2024 16:33:24

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

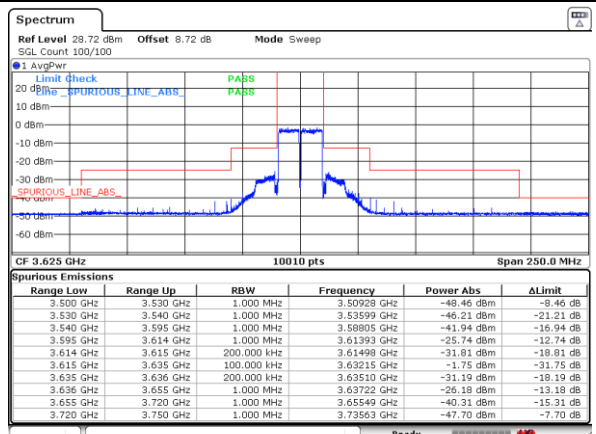
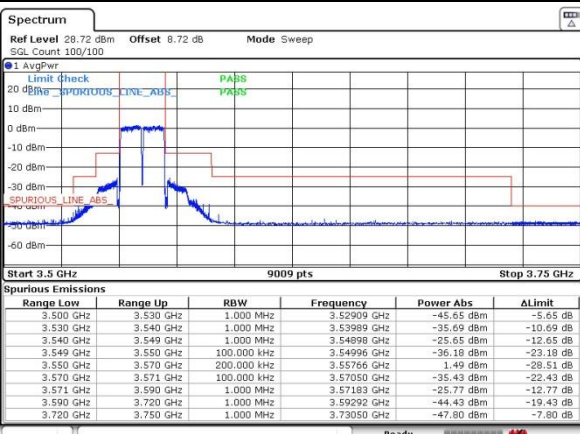


Date: 3.OCT.2024 16:10:16

Date: 3.OCT.2024 16:35:36

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 3.OCT.2024 16:12:40

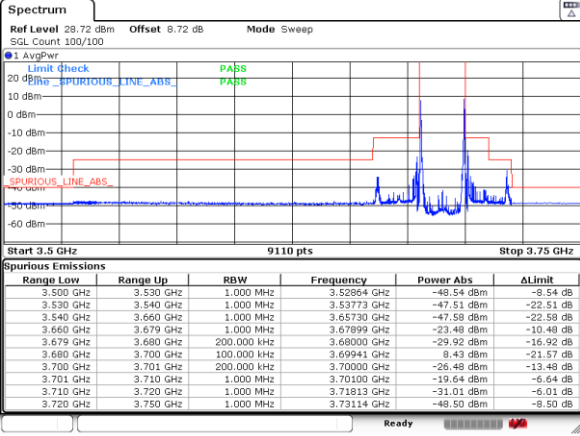
Date: 3.OCT.2024 16:37:33



LTE Band 48B / 10MHz+10MHz

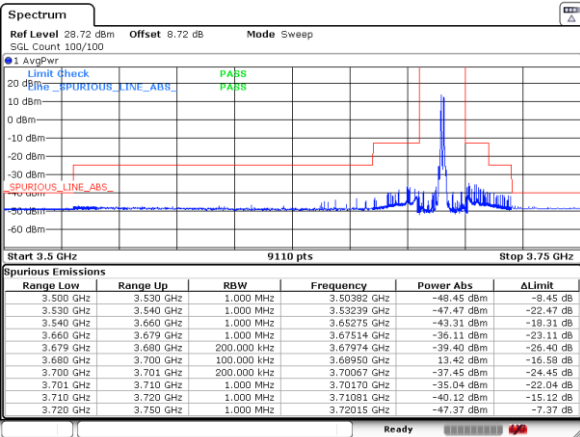
64QAM

Highest Band Edge / 1RB0 and 1RB49



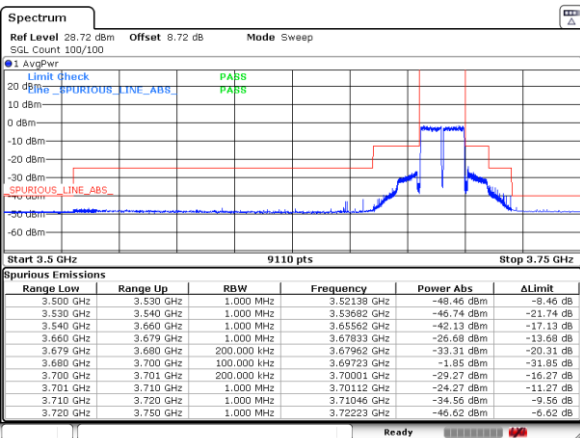
Date: 3.OCT.2024 17:02:59

Highest Band Edge / 1RB49 and 1RB0



Date: 3.OCT.2024 17:04:28

Highest Band Edge / Full RB



Date: 3.OCT.2024 17:00:42

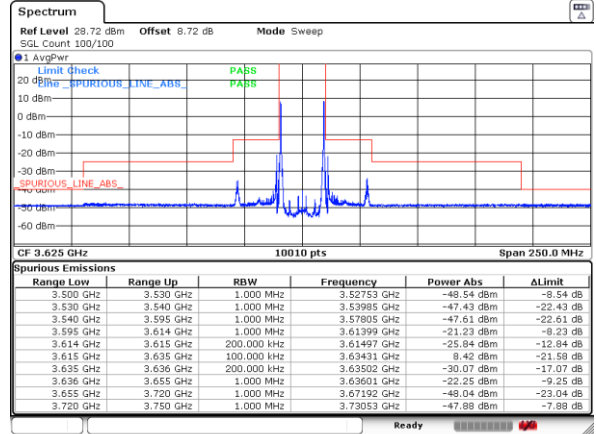
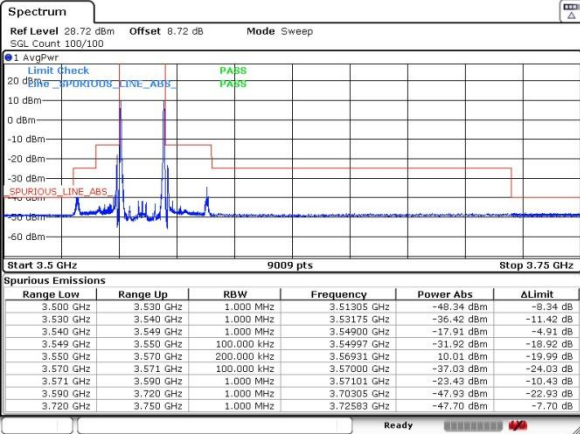


LTE Band 48B / 10MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

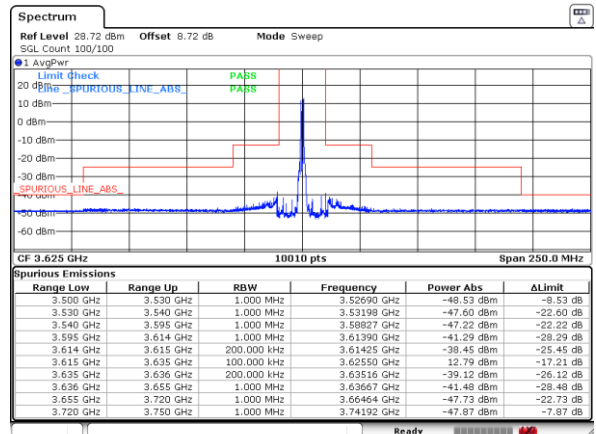
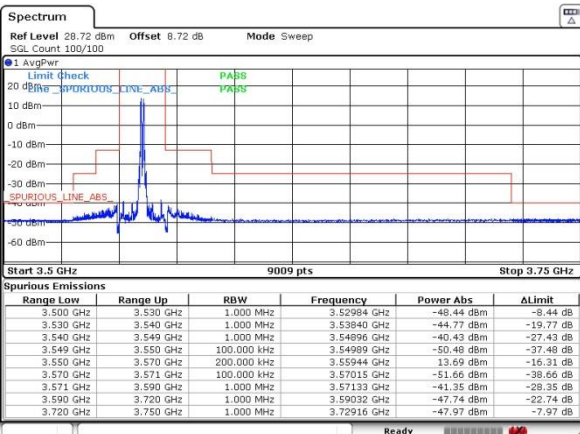


Date: 3.OCT.2024 16:10:59

Date: 3.OCT.2024 16:33:51

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

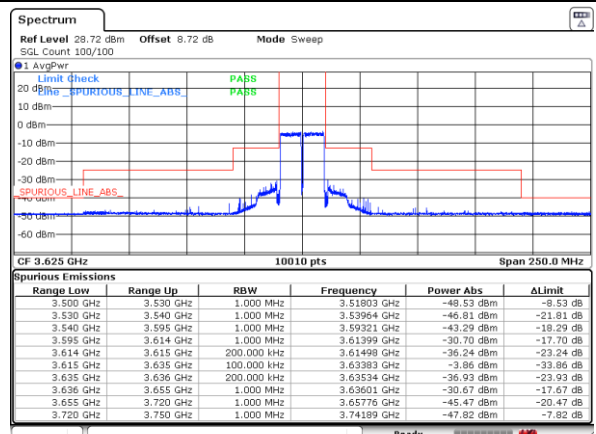
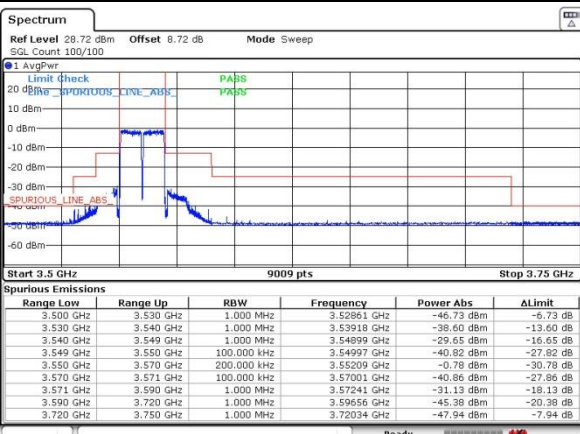


Date: 3.OCT.2024 16:11:07

Date: 3.OCT.2024 16:35:59

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 3.OCT.2024 16:13:04

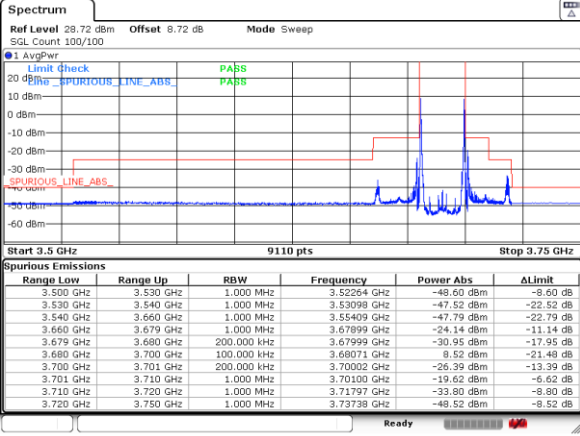
Date: 3.OCT.2024 16:37:57



LTE Band 48B / 10MHz+10MHz

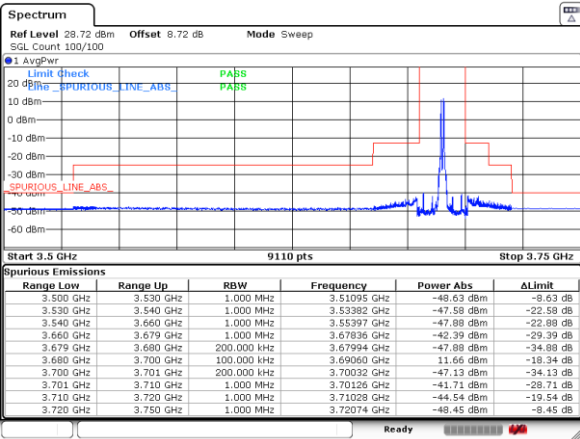
256QAM

Highest Band Edge / 1RB0 and 1RB49



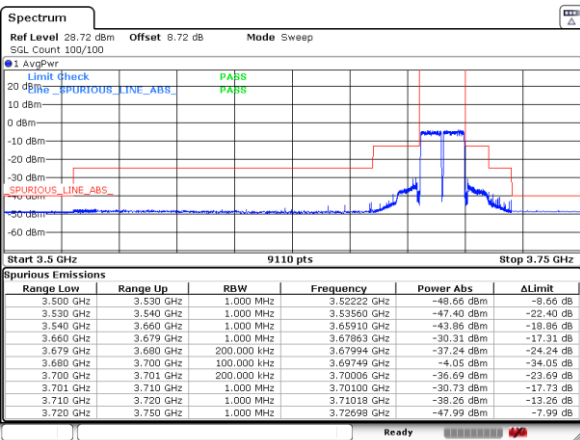
Date: 3.OCT.2024 17:03:24

Highest Band Edge / 1RB49 and 1RB0



Date: 3.OCT.2024 17:03:53

Highest Band Edge / Full RB



Date: 3.OCT.2024 17:01:15



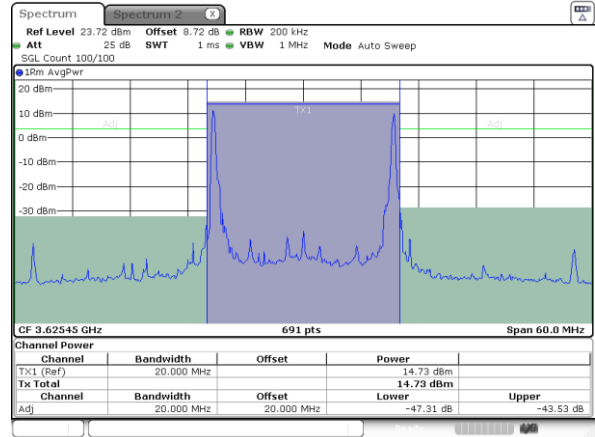
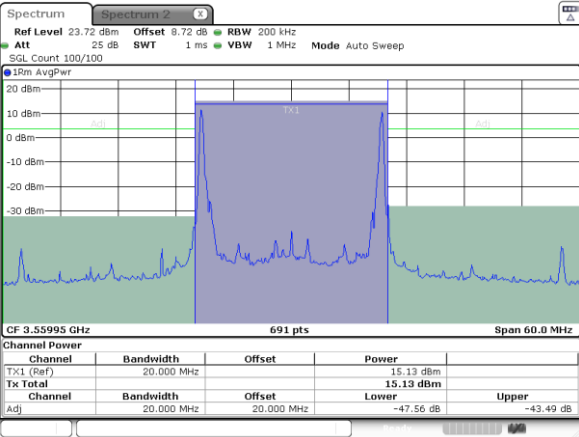
ACLR

LTE Band 48B / 10MHz+10MHz

QPSK

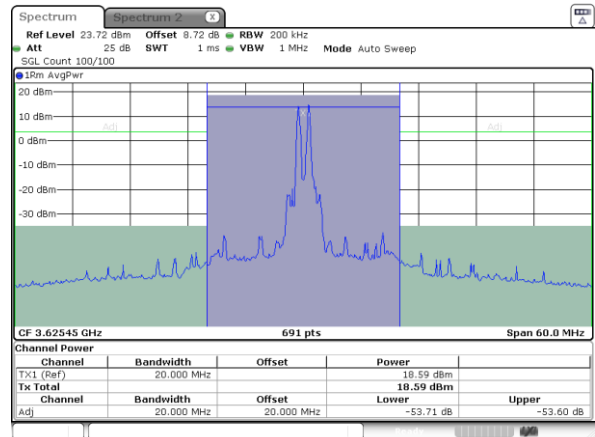
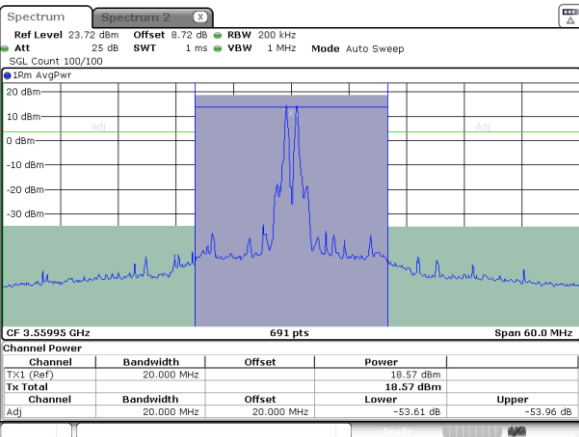
Lowest Band Edge / 1RB0 and 1RB49

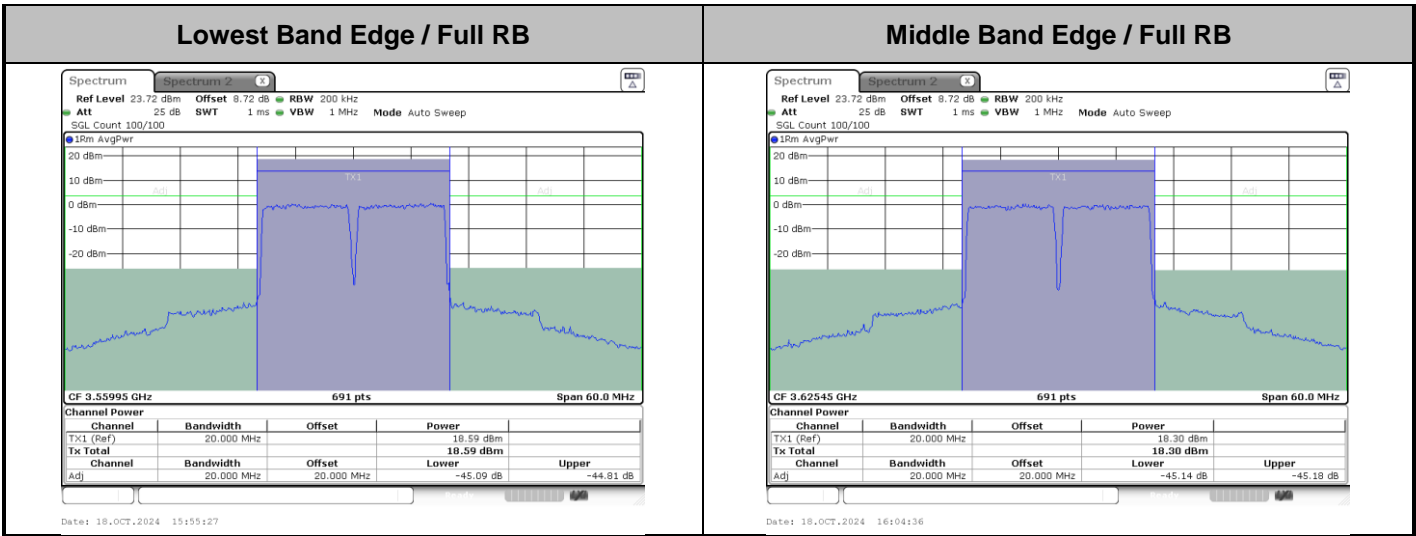
Middle Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



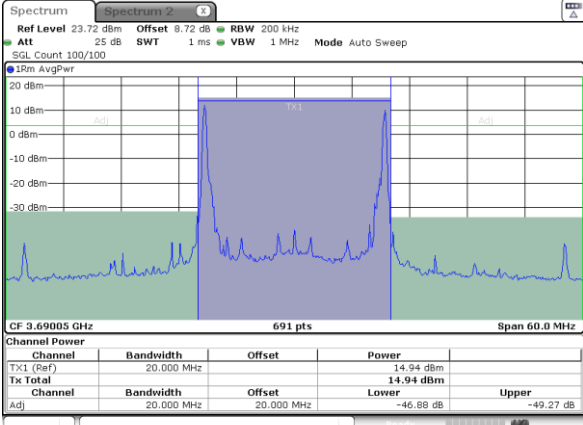




LTE Band 48B / 10MHz+10MHz

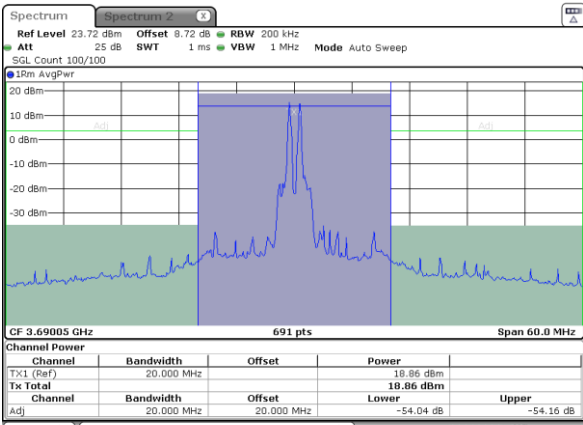
QPSK

Highest Band Edge / 1RB0 and 1RB49



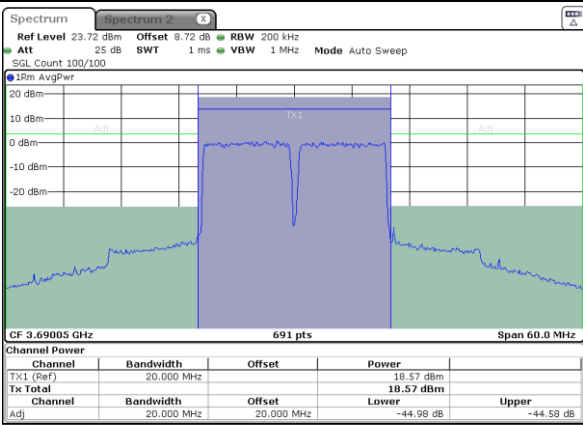
Date: 18.OCT.2024 16:16:49

Highest Band Edge / 1RB49 and 1RB0



Date: 18.OCT.2024 16:22:09

Highest Band Edge / Full RB



Date: 18.OCT.2024 16:13:46

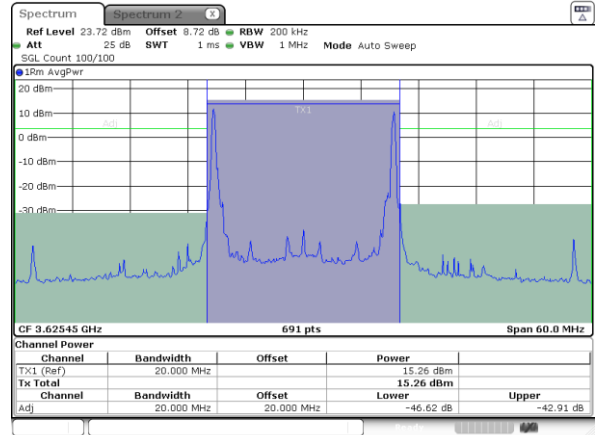
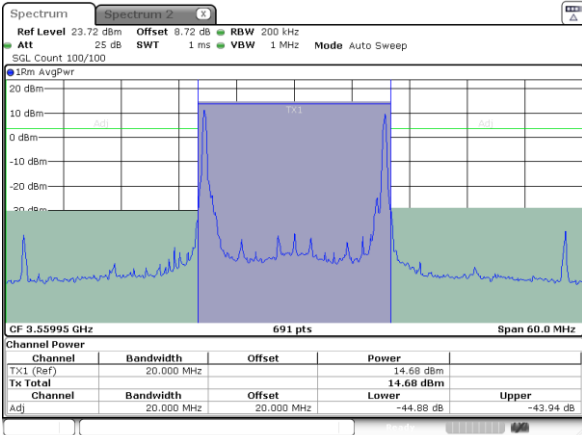


LTE Band 48B / 10MHz+10MHz

16QAM

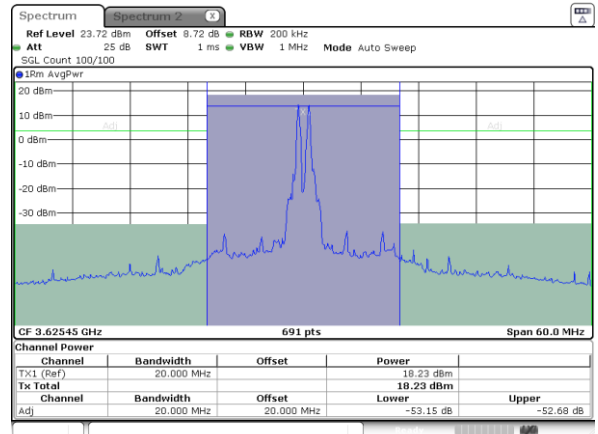
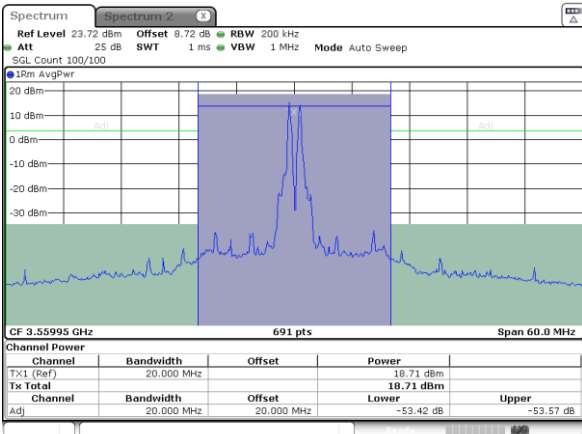
Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49



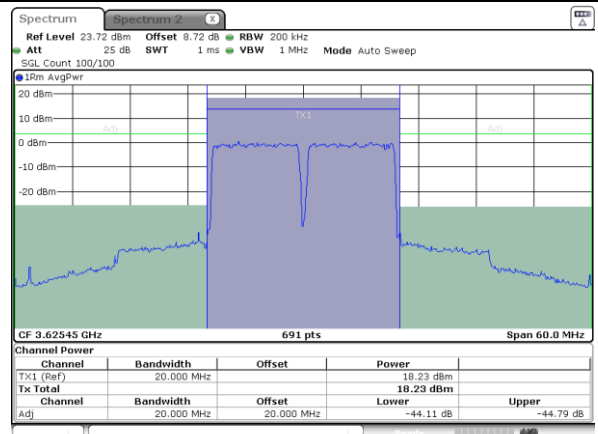
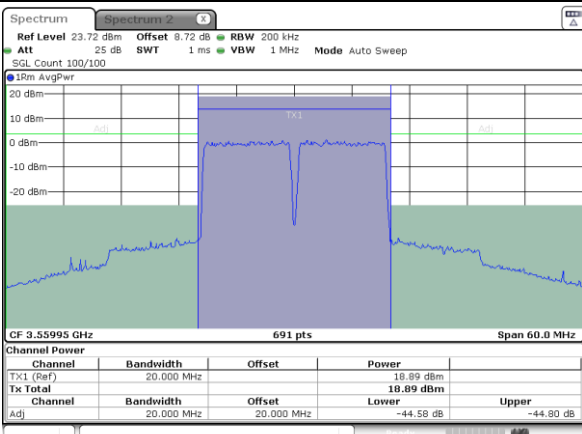
Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB

Middle Band Edge / Full RB

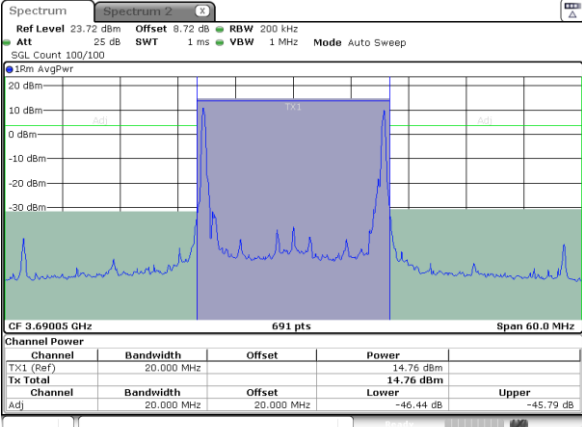




LTE Band 48B / 10MHz+10MHz

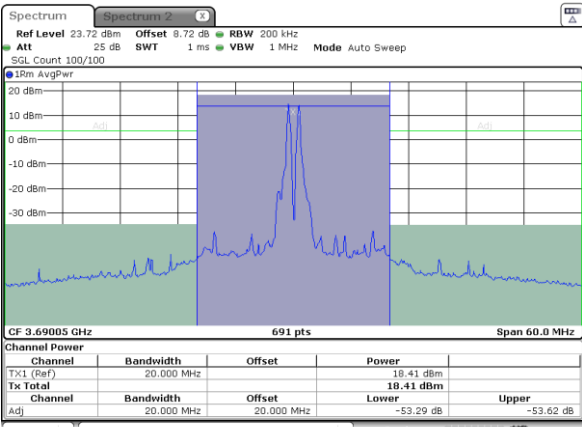
16QAM

Highest Band Edge / 1RB0 and 1RB49



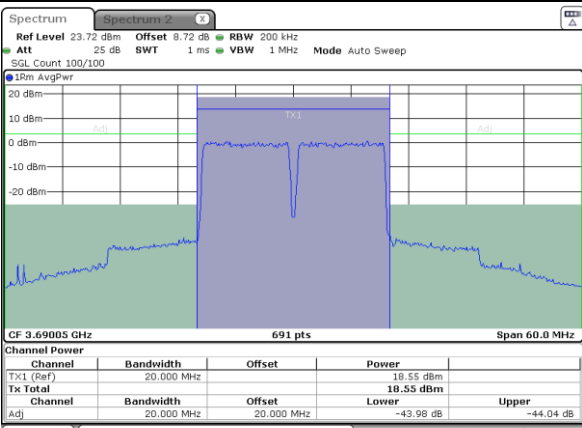
Date: 18.OCT.2024 16:17:35

Highest Band Edge / 1RB49 and 1RB0



Date: 18.OCT.2024 16:21:23

Highest Band Edge / Full RB



Date: 18.OCT.2024 16:14:51

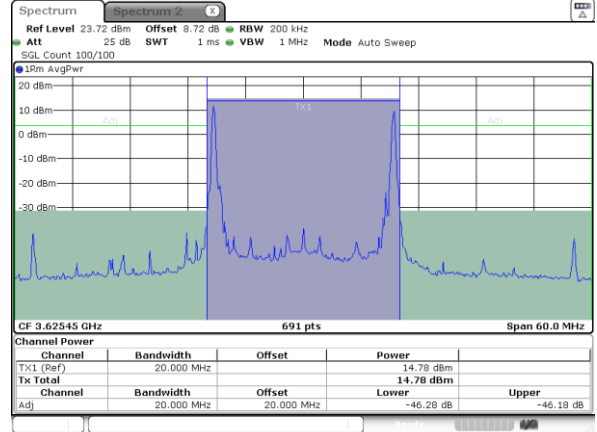
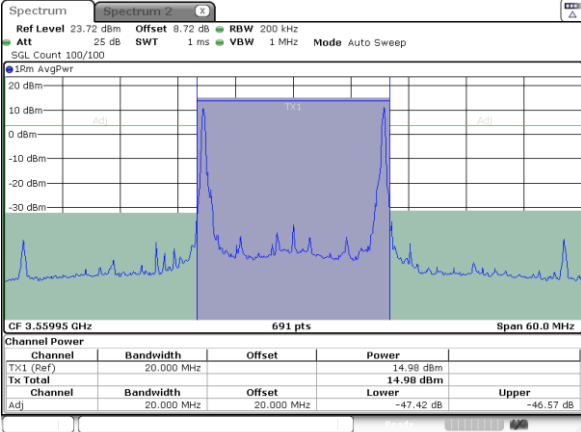


LTE Band 48B / 10MHz+10MHz

64QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

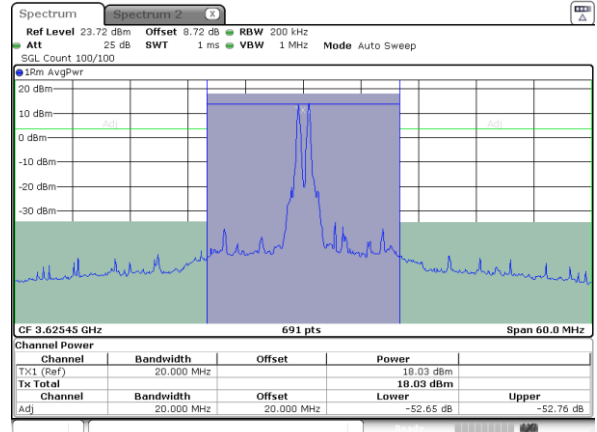
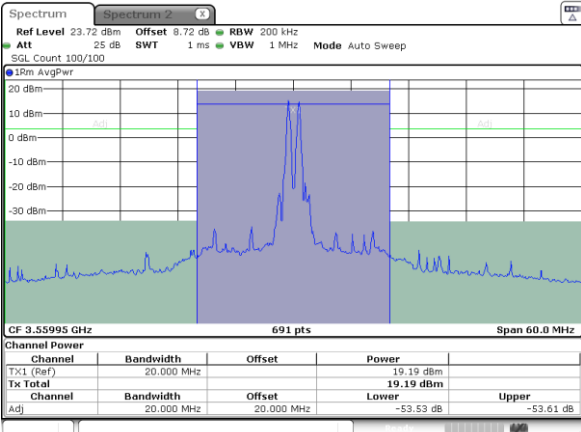


Date: 18.OCT.2024 15:59:15

Date: 18.OCT.2024 16:08:25

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

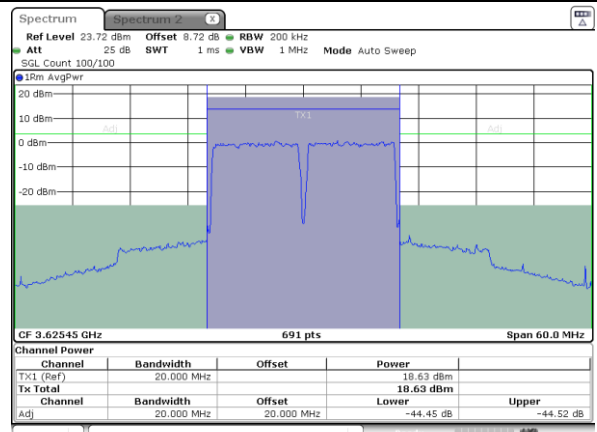
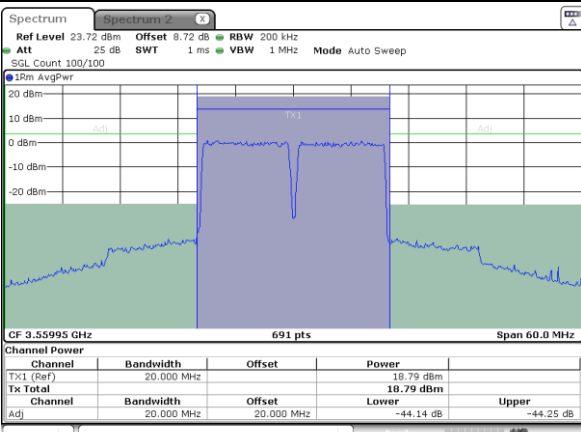


Date: 18.OCT.2024 16:03:04

Date: 18.OCT.2024 16:12:13

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.OCT.2024 15:56:58

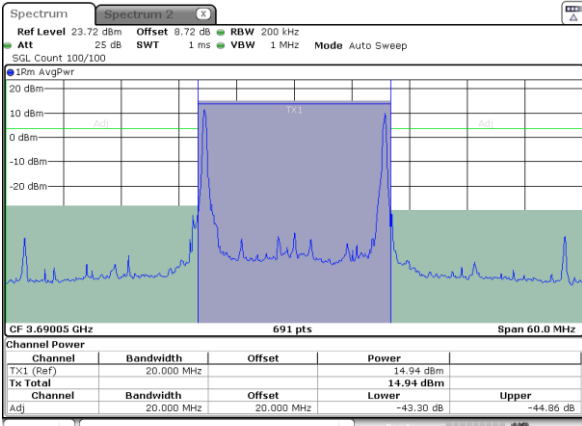
Date: 18.OCT.2024 16:06:07



LTE Band 48B / 10MHz+10MHz

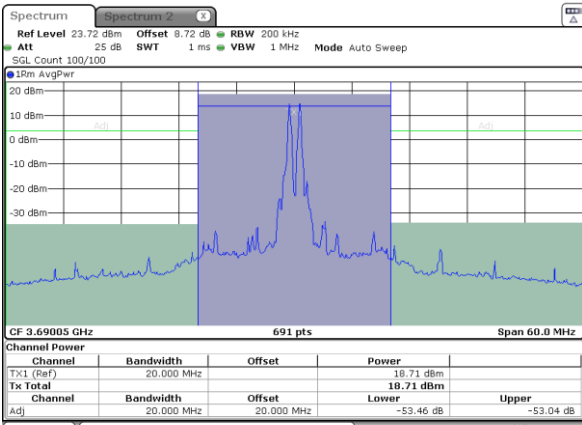
64QAM

Highest Band Edge / 1RB0 and 1RB49



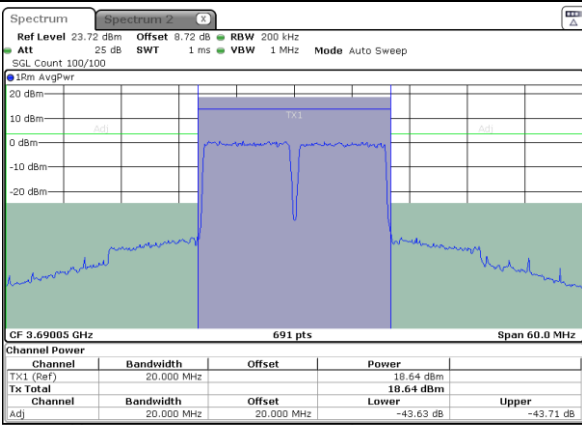
Date: 18.OCT.2024 16:18:20

Highest Band Edge / 1RB49 and 1RB0



Date: 18.OCT.2024 16:20:38

Highest Band Edge / Full RB



Date: 18.OCT.2024 16:15:17

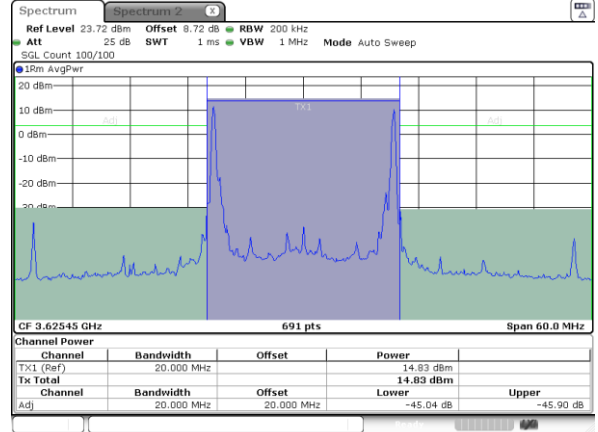
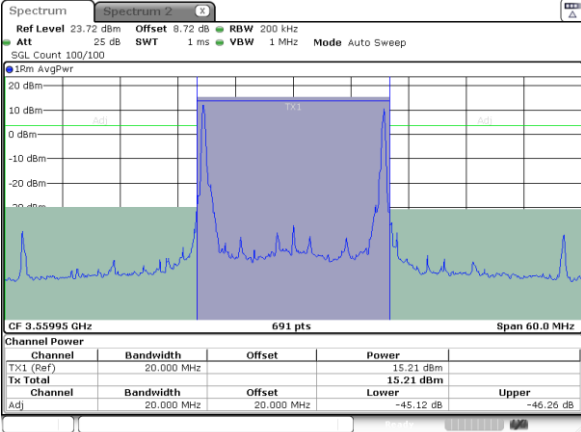


LTE Band 48B / 10MHz+10MHz

256QAM

Lowest Band Edge / 1RB0 and 1RB49

Middle Band Edge / 1RB0 and 1RB49

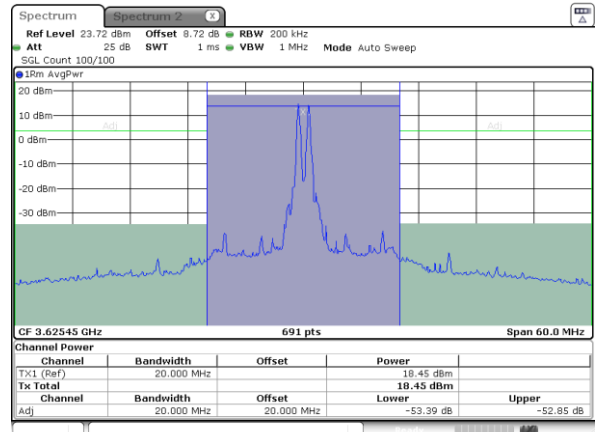
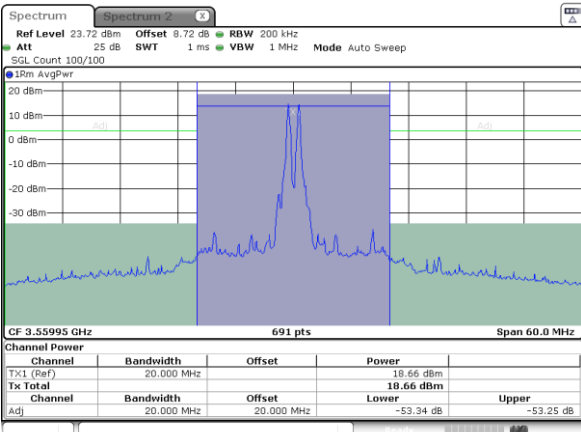


Date: 18.OCT.2024 15:58:29

Date: 18.OCT.2024 16:07:39

Lowest Band Edge / 1RB49 and 1RB0

Middle Band Edge / 1RB49 and 1RB0

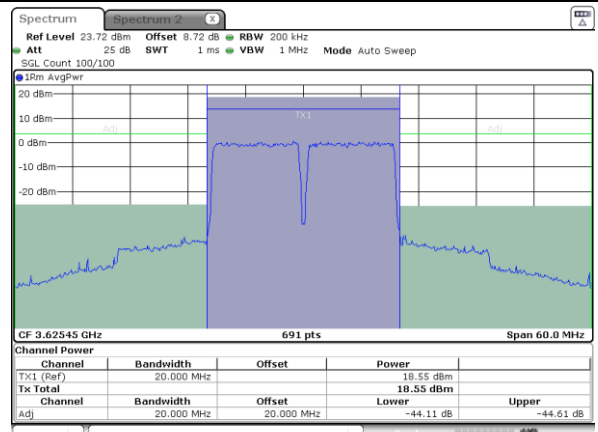
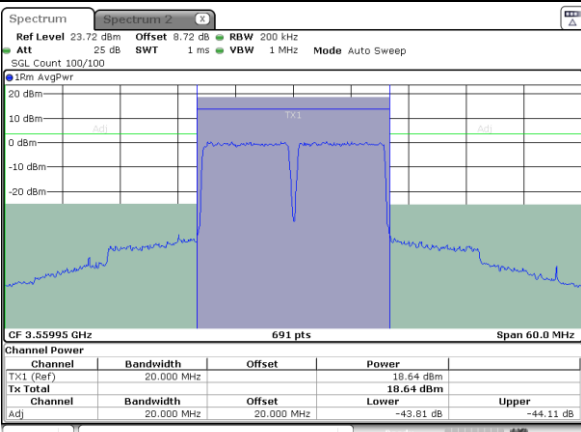


Date: 18.OCT.2024 16:03:49

Date: 18.OCT.2024 16:12:59

Lowest Band Edge / Full RB

Middle Band Edge / Full RB



Date: 18.OCT.2024 15:57:44

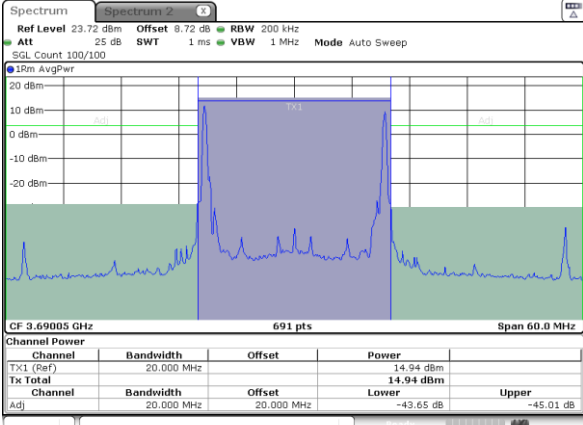
Date: 18.OCT.2024 16:06:53



LTE Band 48B / 10MHz+10MHz

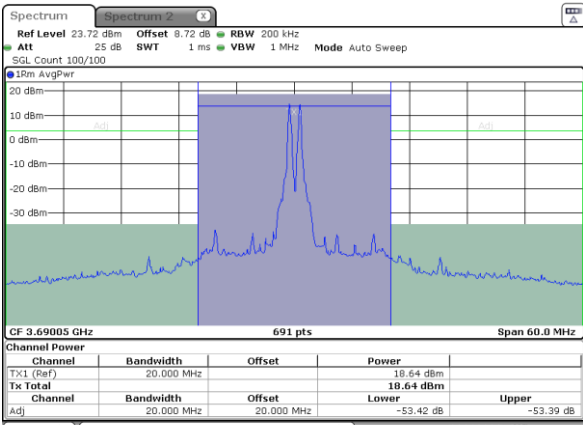
256QAM

Highest Band Edge / 1RB0 and 1RB49



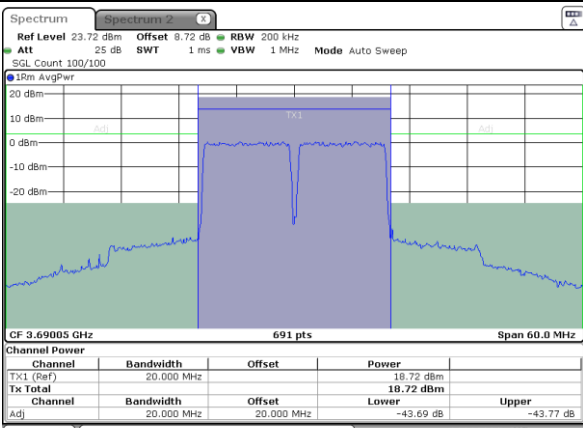
Date: 18.OCT.2024 16:19:06

Highest Band Edge / 1RB49 and 1RB0



Date: 18.OCT.2024 16:19:52

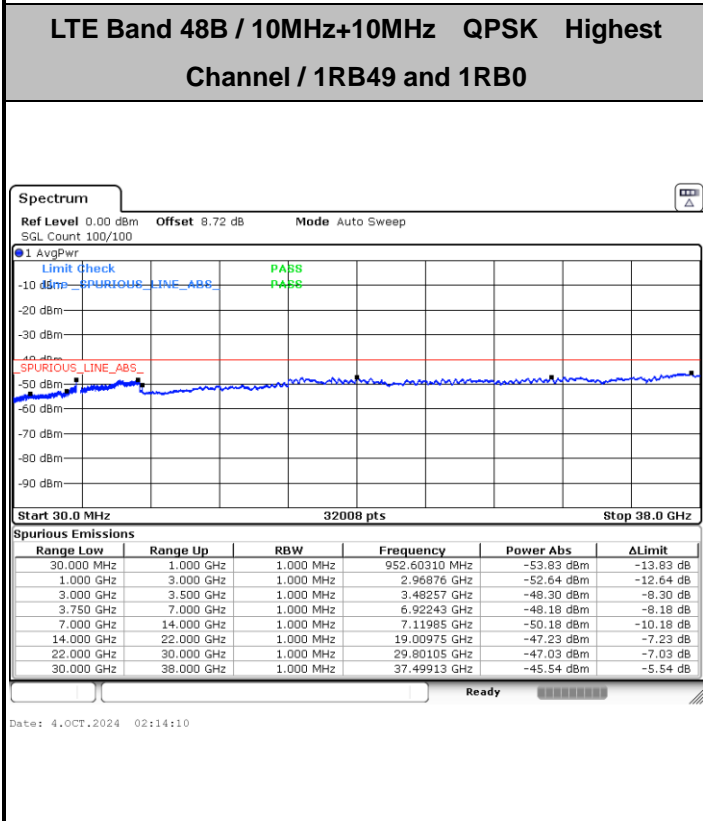
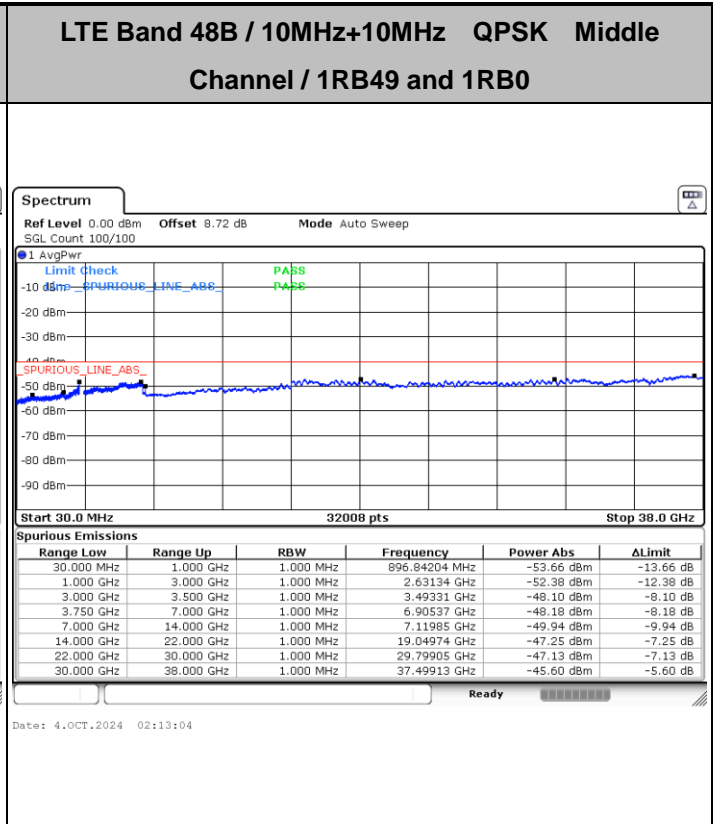
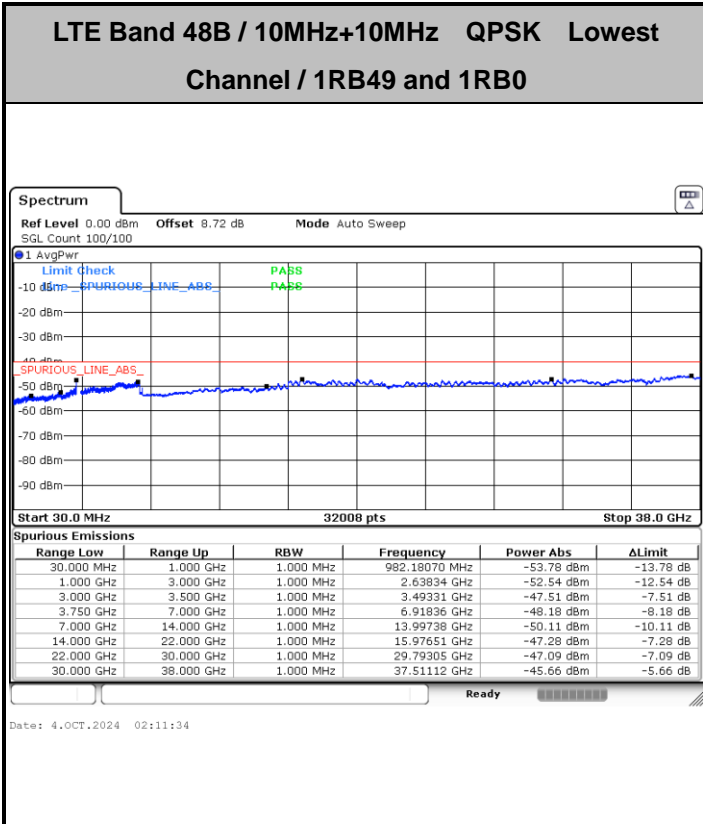
Highest Band Edge / Full RB



Date: 18.OCT.2024 16:16:03



Conducted Spurious Emission





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	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0025	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0026	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0018	
20	Maximum Voltage	0.0021	
20	Normal Voltage	0.0011	
20	Minimum Voltage	0.0015	

Note:

1. Normal Voltage =3.8 V. ; Minimum Voltage=3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

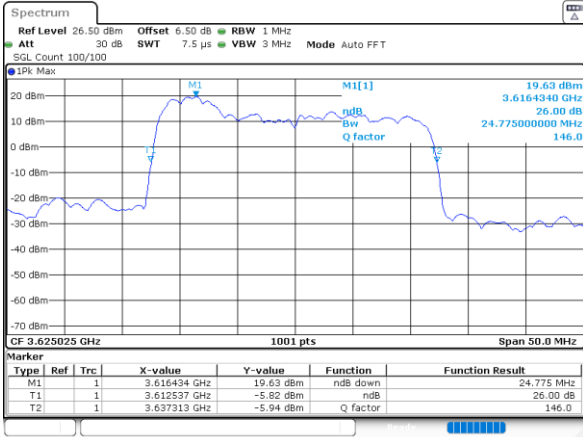
26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.775	24.825
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	29.97	29.91
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	34.825	34.825
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	25.075	24.875
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.15	30.03
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	35.105	34.965
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	39.65	39.88



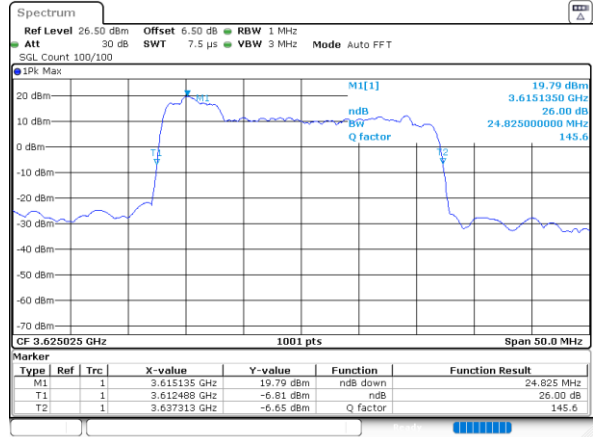
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 3.OCT.2024 04:19:27

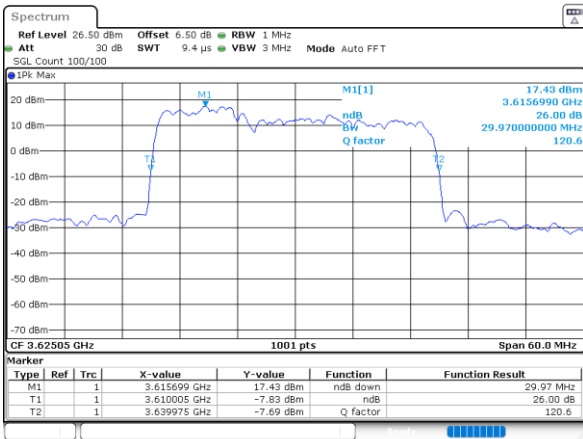
Middle Channel / 5MHz+20MHz/16QAM



Date: 3.OCT.2024 04:20:56

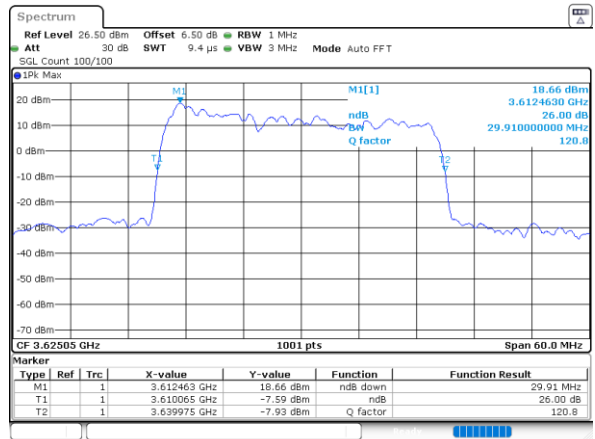
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 3.OCT.2024 04:25:58

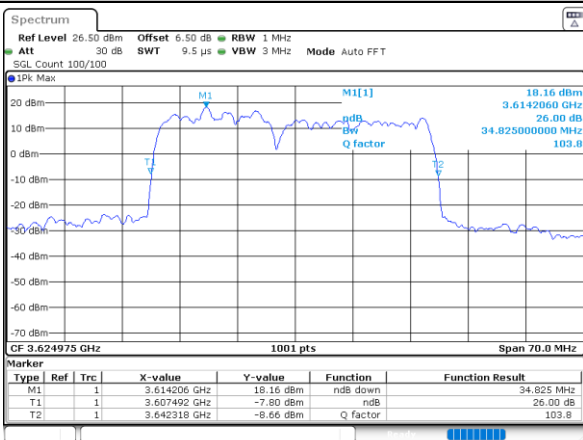
Middle Channel / 10MHz+20MHz/16QAM



Date: 3.OCT.2024 04:27:27

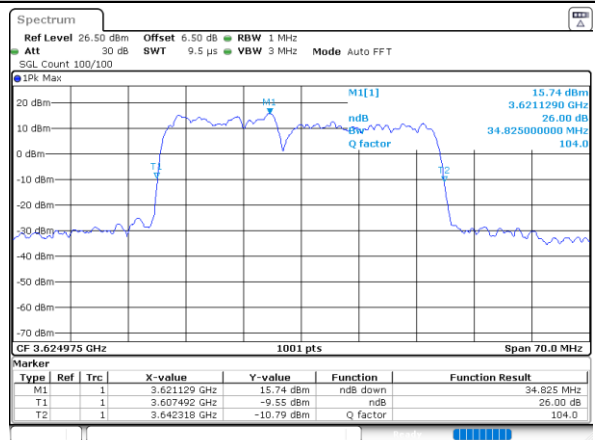
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 3.OCT.2024 04:32:28

Middle Channel / 15MHz+20MHz/16QAM

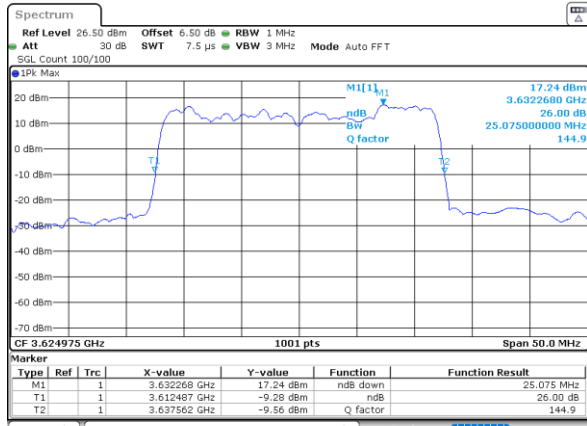


Date: 3.OCT.2024 04:33:57

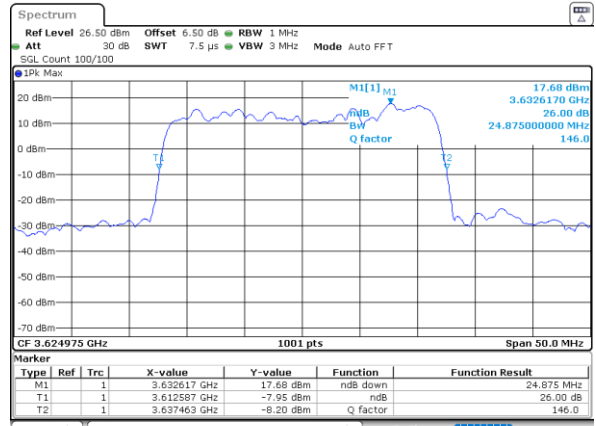


LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK

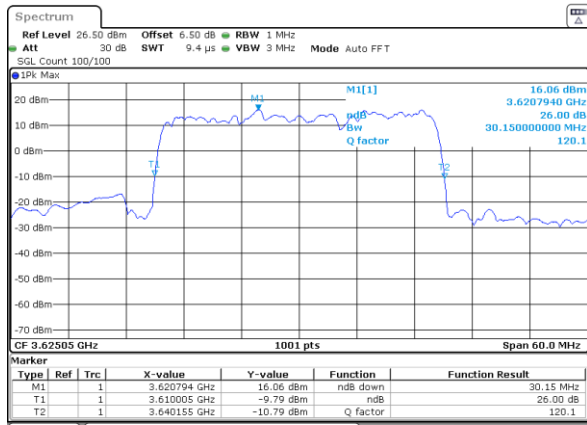


Middle Channel / 20MHz+5MHz/16QAM

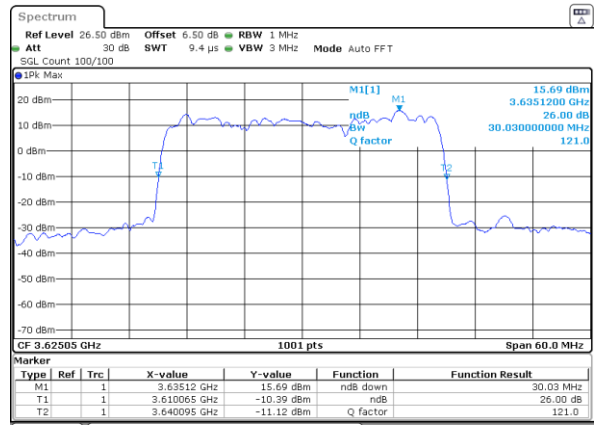


LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK

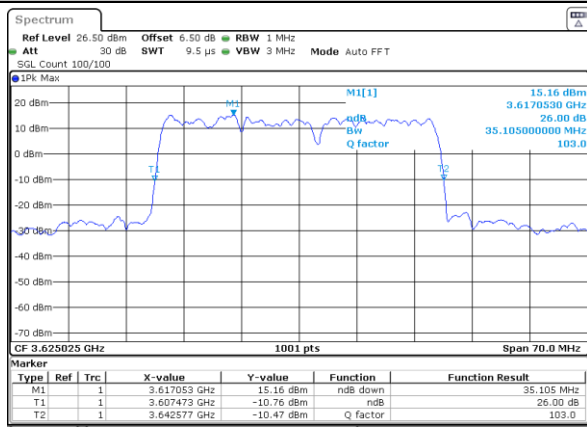


Middle Channel / 20MHz+10MHz/16QAM

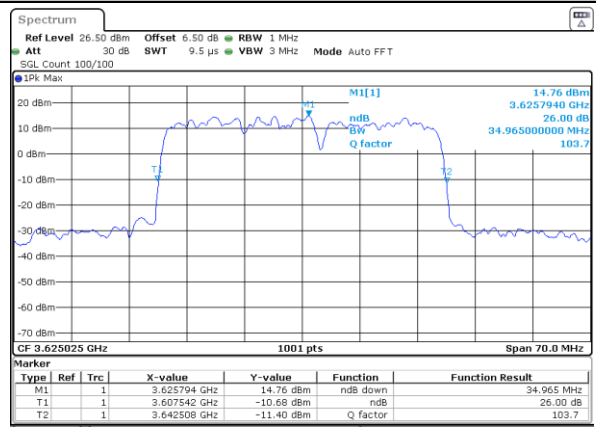


LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



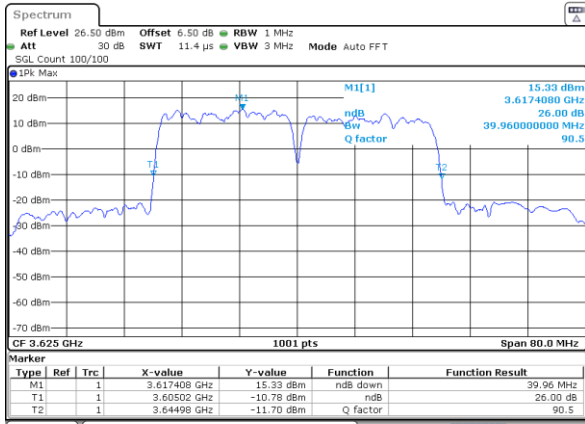
Middle Channel / 20MHz+15MHz/16QAM





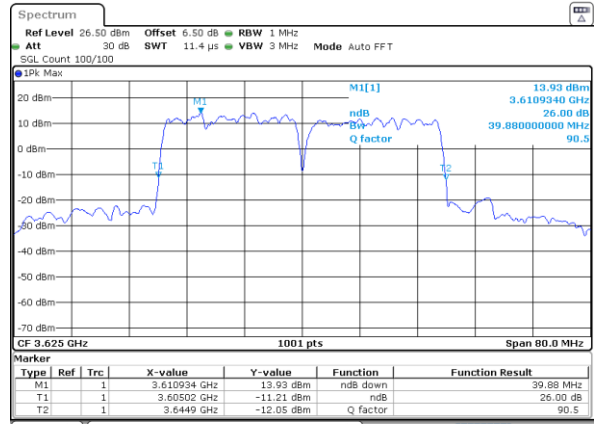
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 3.OCT.2024 04:58:23

Middle Channel / 20MHz+20MHz/16QAM

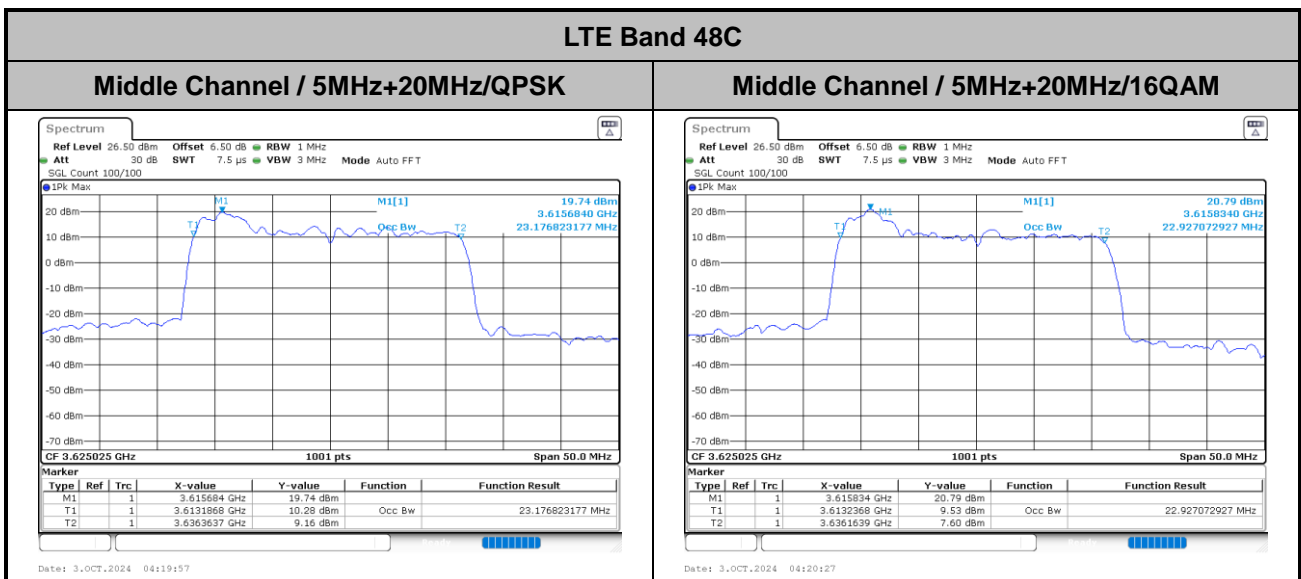


Date: 3.OCT.2024 04:59:46



Occupied Bandwidth

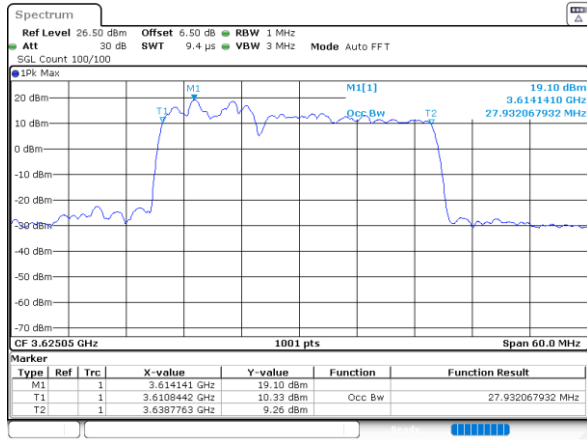
Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.18	22.93
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	27.93	28.05
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.73	33.15
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.38	23.23
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.41	27.87
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.73	33.08
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.72	37.88





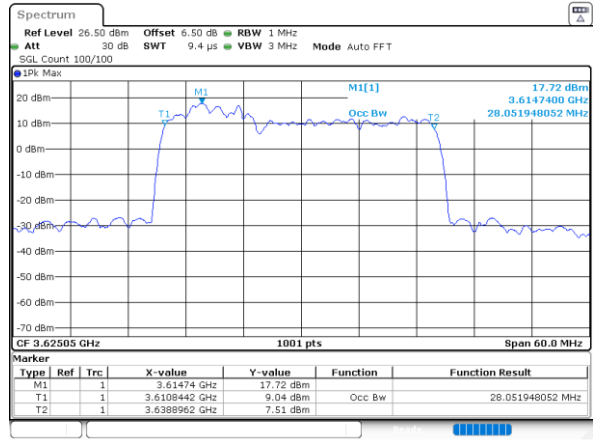
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 3.OCT.2024 04:26:28

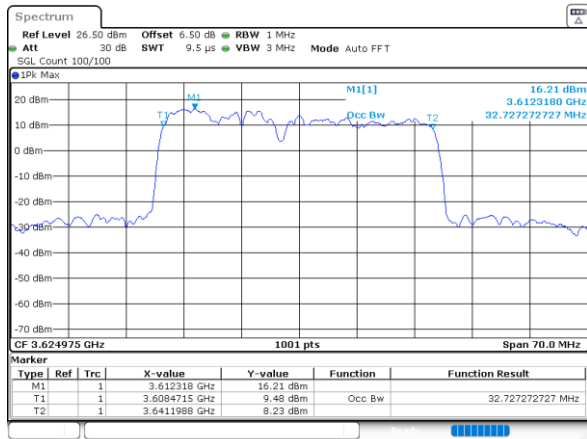
Middle Channel / 10MHz+20MHz/16QAM



Date: 3.OCT.2024 04:26:57

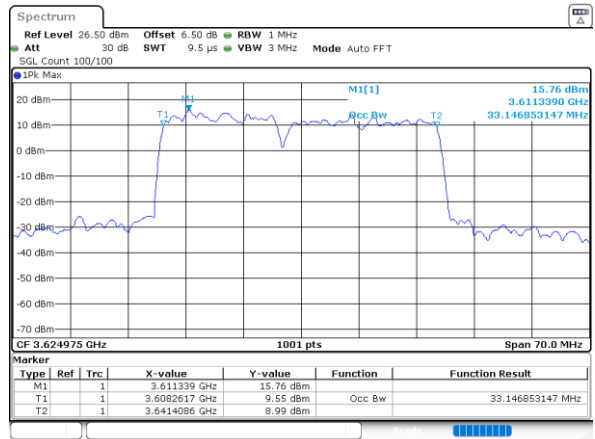
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 3.OCT.2024 04:32:58

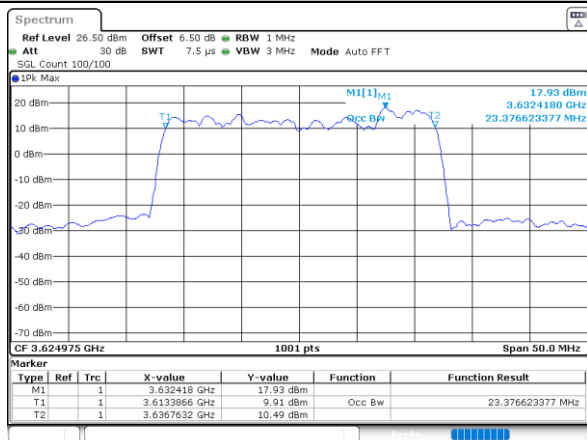
Middle Channel / 15MHz+20MHz/16QAM



Date: 3.OCT.2024 04:33:28

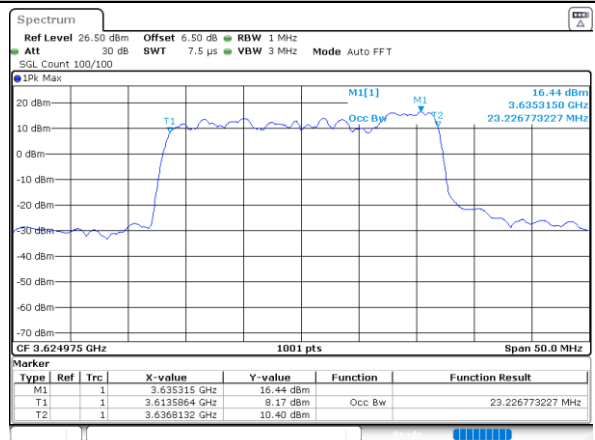
LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



Date: 3.OCT.2024 04:39:29

Middle Channel / 20MHz+5MHz/16QAM

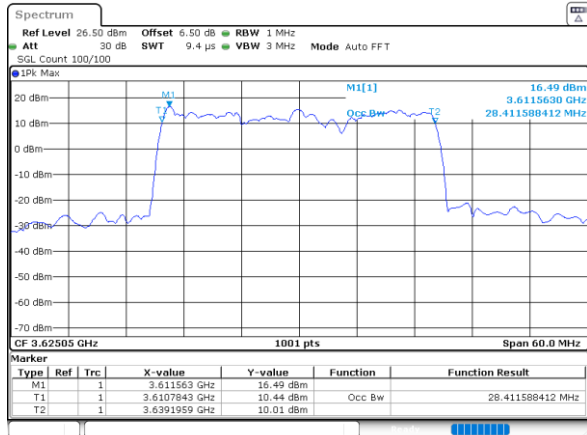


Date: 3.OCT.2024 04:39:59



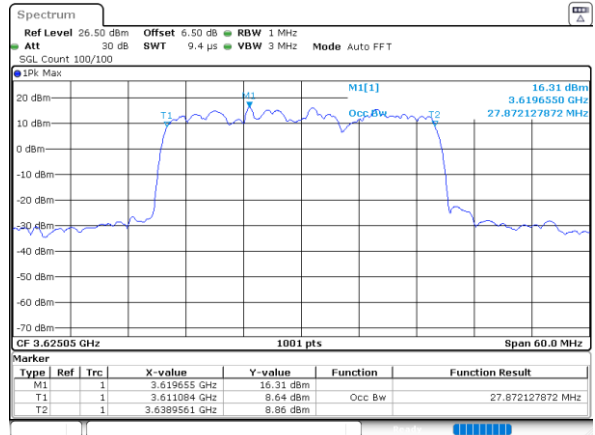
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 3.OCT.2024 04:45:58

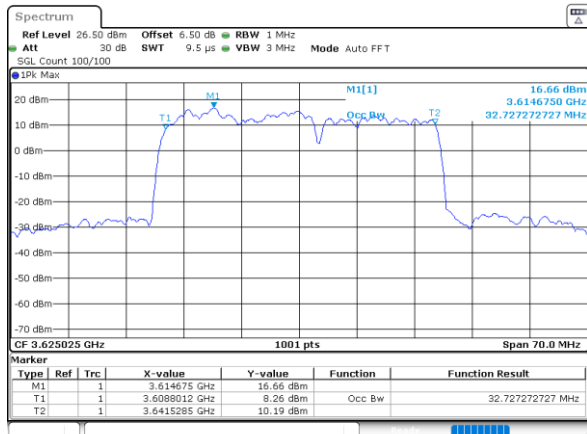
Middle Channel / 20MHz+10MHz/16QAM



Date: 3.OCT.2024 04:46:27

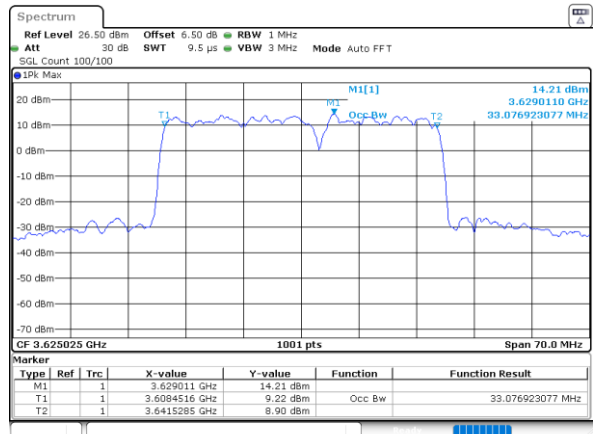
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 3.OCT.2024 04:52:26

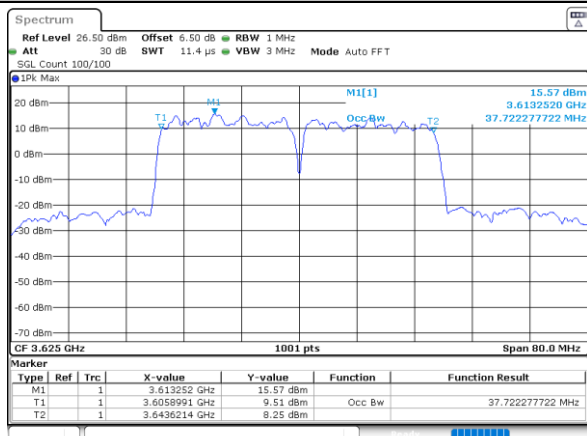
Middle Channel / 20MHz+15MHz/16QAM



Date: 3.OCT.2024 04:52:56

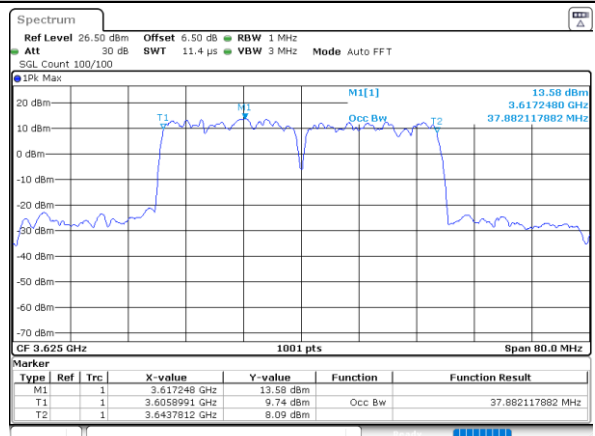
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 3.OCT.2024 04:58:50

Middle Channel / 20MHz+20MHz/16QAM



Date: 3.OCT.2024 04:59:18

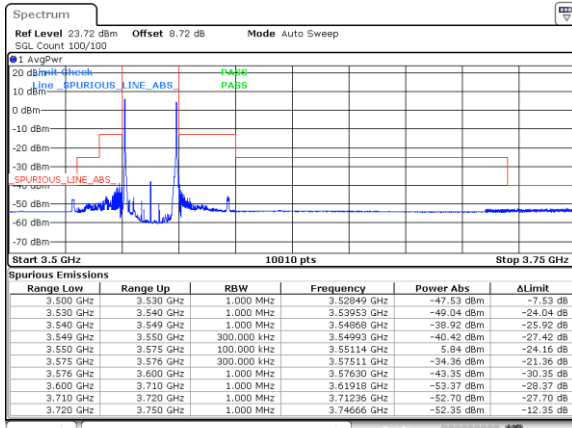


Conducted Band Edge

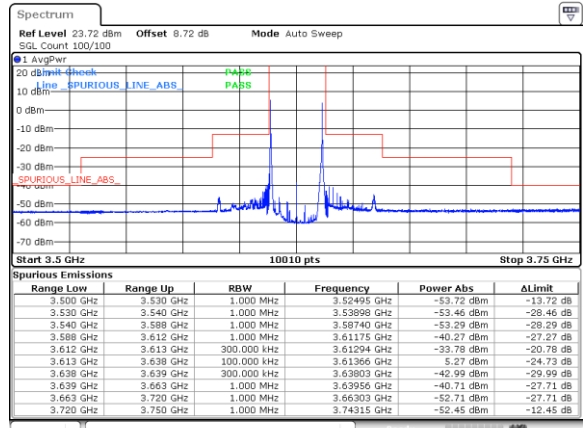
LTE Band 48C / 5MHz+20MHz

QPSK

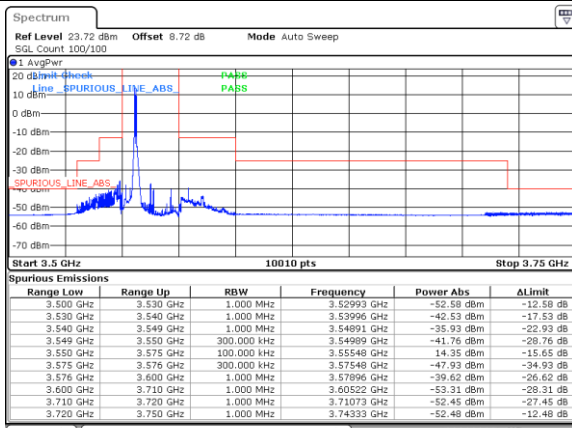
Lowest Band Edge / 1RB0 and 1RB99



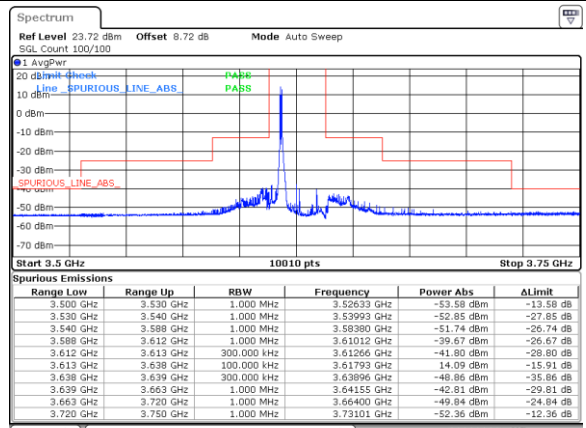
Middle Band Edge / 1RB0 and 1RB99



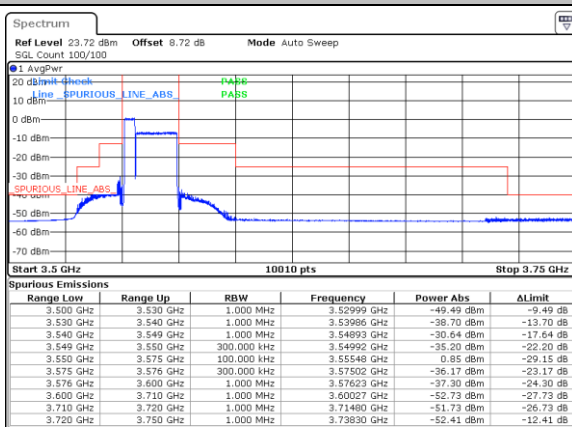
Lowest Band Edge / 1RB24 and 1RB0



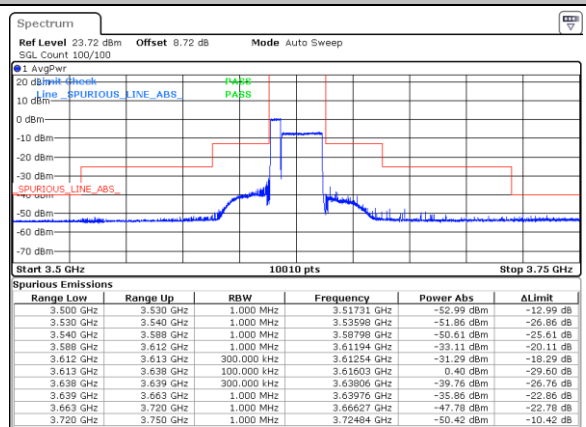
Middle Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



Date: 21_SEP.2024 14:09:27

Date: 21_SEP.2024 14:25:08

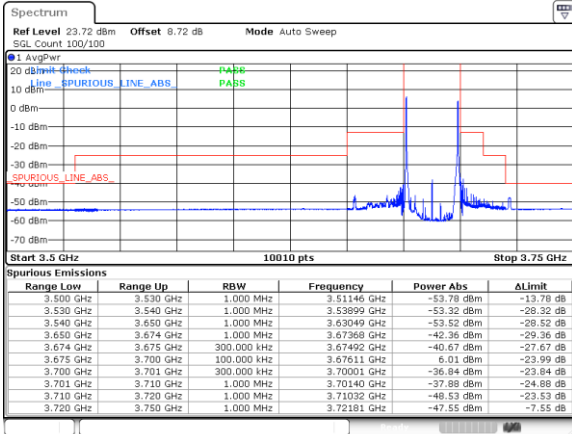


LTE Band 48C / 5MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB9

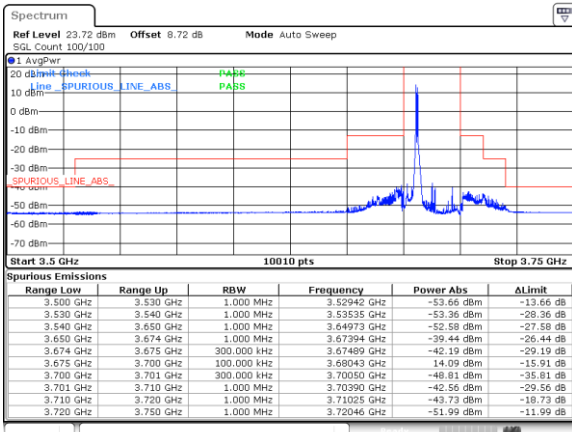
N/A



Date: 21.SEP.2024 15:58:16

Highest Band Edge / 1RB24 and 1RB0

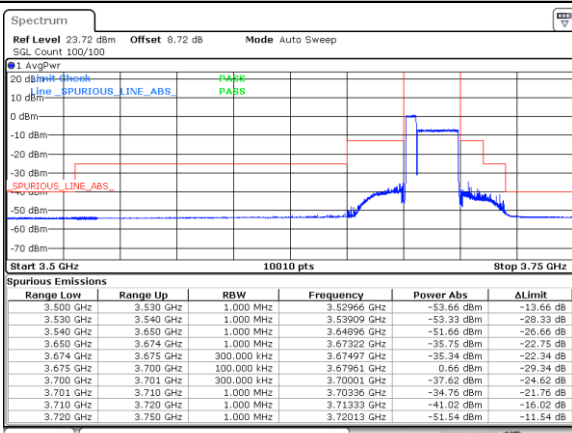
N/A



Date: 21.SEP.2024 15:05:05

Highest Band Edge / Full RB

N/A



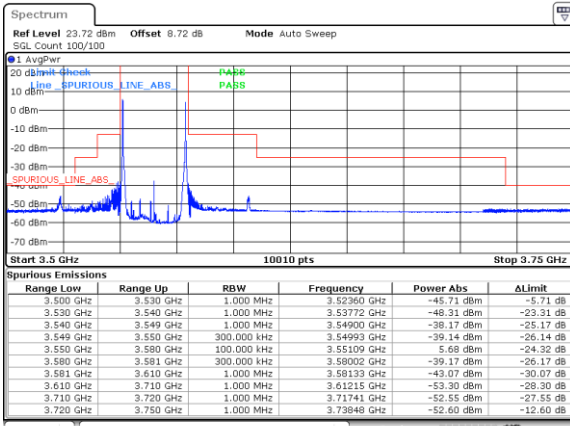
Date: 21.SEP.2024 16:10:23



LTE Band 48C / 10MHz+20MHz

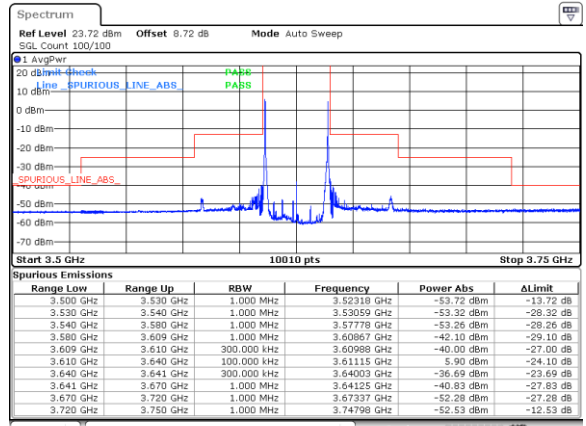
QPSK

Lowest Band Edge / 1RB0 and 1RB99



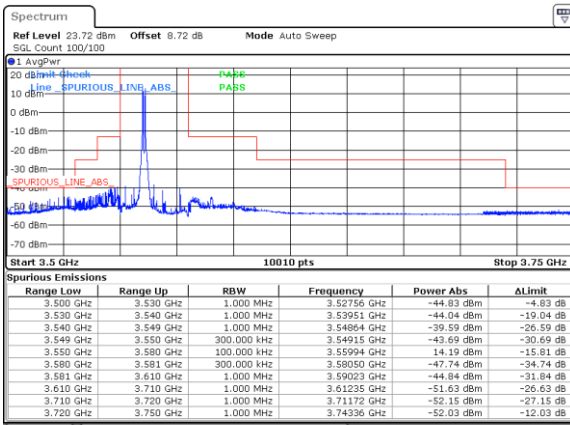
Date: 21.SEP.2024 16:30:48

Middle Band Edge / 1RB0 and 1RB99



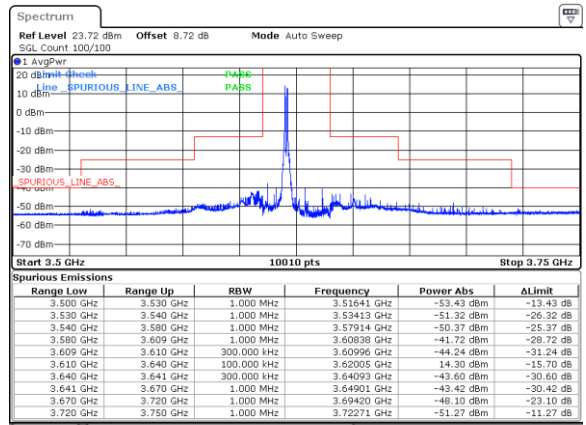
Date: 21.SEP.2024 17:16:37

Lowest Band Edge / 1RB49 and 1RB0



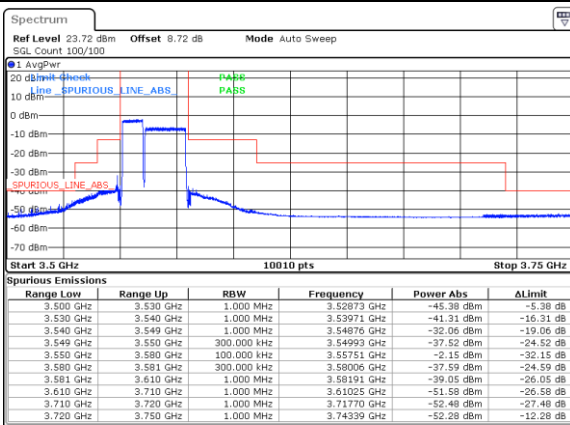
Date: 21.SEP.2024 16:50:55

Middle Band Edge / 1RB49 and 1RB0



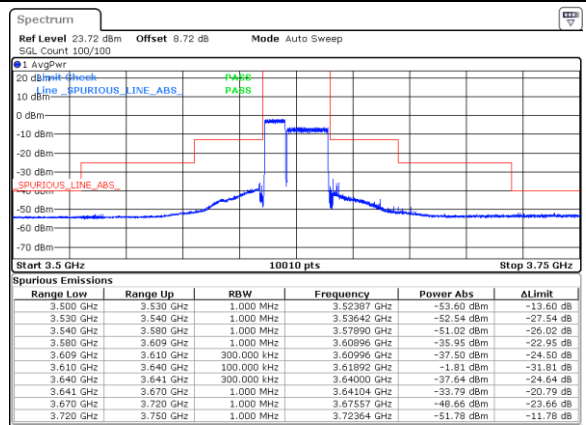
Date: 21.SEP.2024 17:04:29

Lowest Band Edge / Full RB



Date: 21.SEP.2024 16:23:07

Middle Band Edge / Full RB



Date: 21.SEP.2024 17:28:44

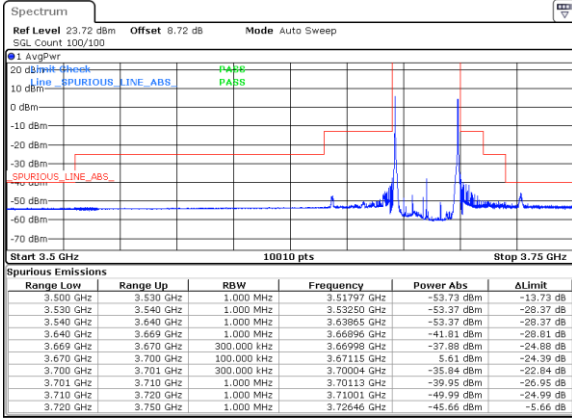


LTE Band 48C / 10MHz+20MHz

QPSK

Highest Band Edge / 1RB0 and 1RB9

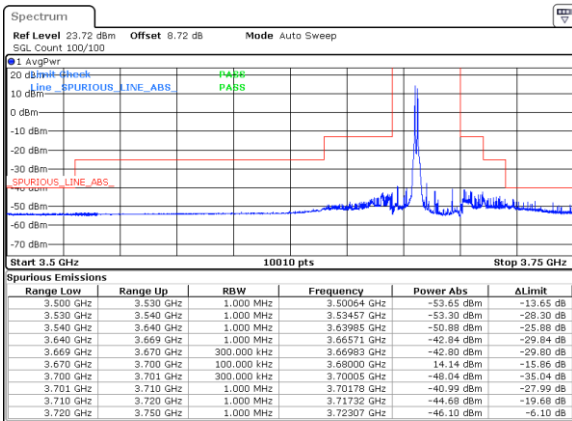
N/A



Date: 21.SEP.2024 18:05:08

Highest Band Edge / 1RB49 and 1RB0

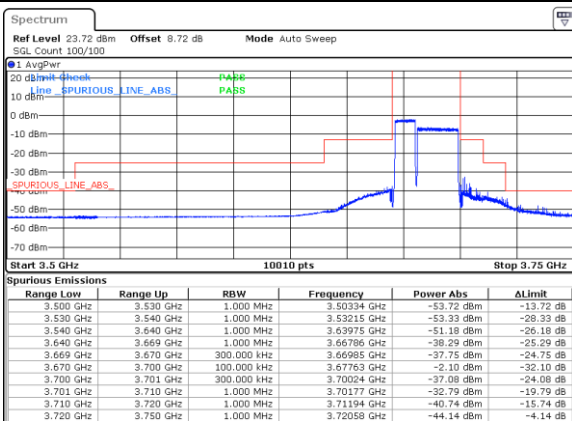
N/A



Date: 21.SEP.2024 18:17:16

Highest Band Edge / Full RB

N/A



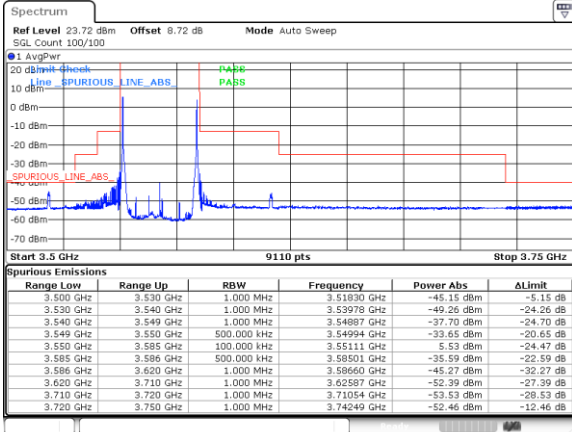
Date: 21.SEP.2024 17:53:01



LTE Band 48C / 15MHz+20MHz

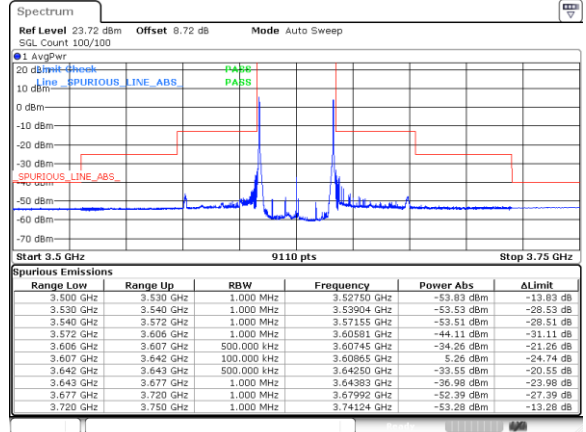
QPSK

Lowest Band Edge / 1RB0 and 1RB99



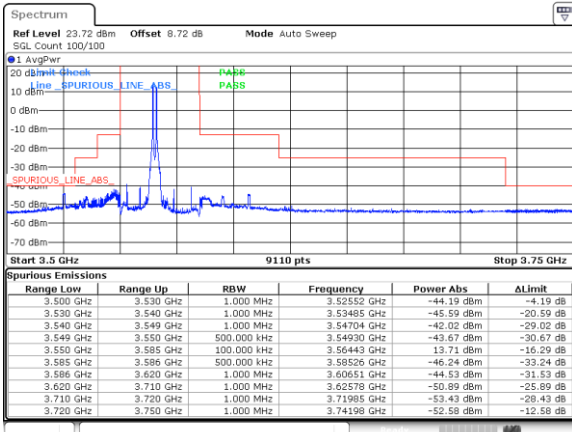
Date: 21.SEP.2024 23:11:24

Middle Band Edge / 1RB0 and 1RB99



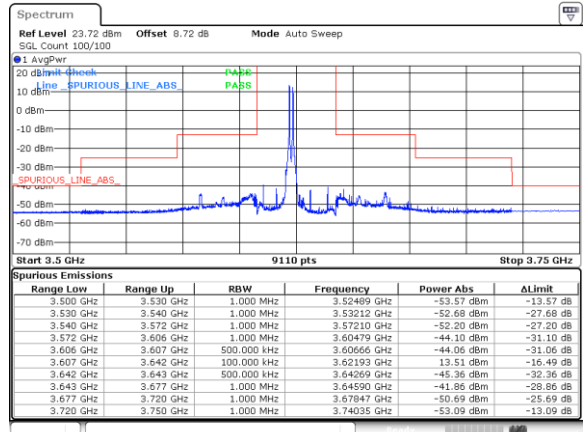
Date: 21.SEP.2024 01:21:17

Lowest Band Edge / 1RB74 and 1RB0



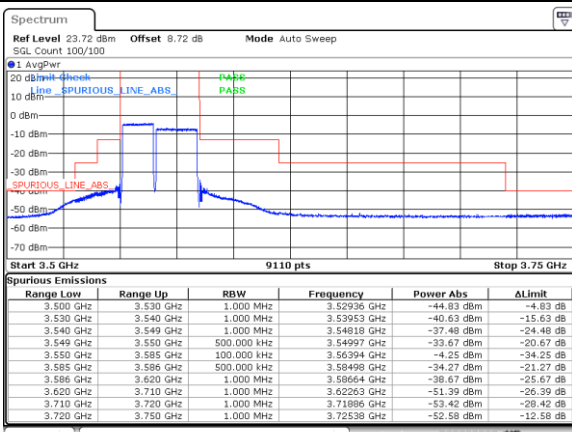
Date: 21.SEP.2024 23:00:37

Middle Band Edge / 1RB74 and 1RB0



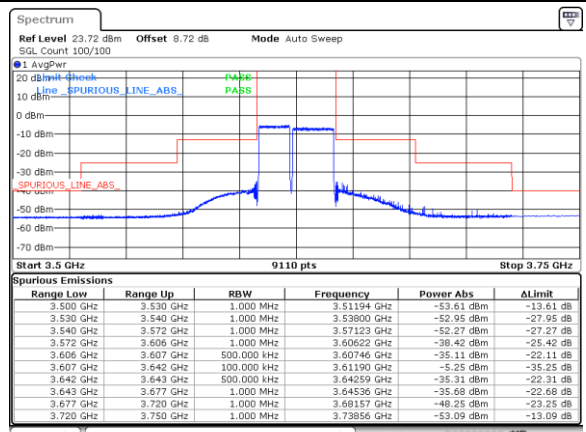
Date: 21.SEP.2024 01:31:26

Lowest Band Edge / Full RB



Date: 21.SEP.2024 23:22:09

Middle Band Edge / Full RB



Date: 21.SEP.2024 00:13:14