

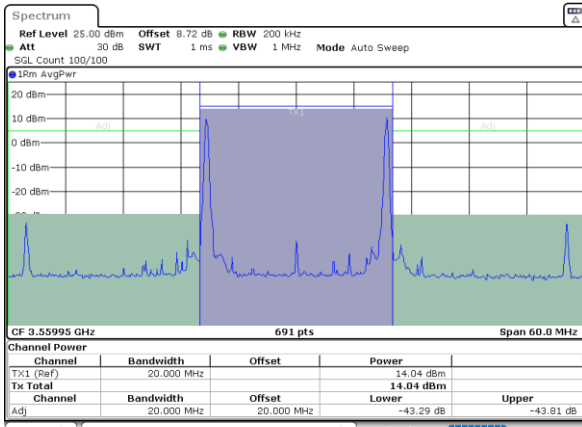


ACLR

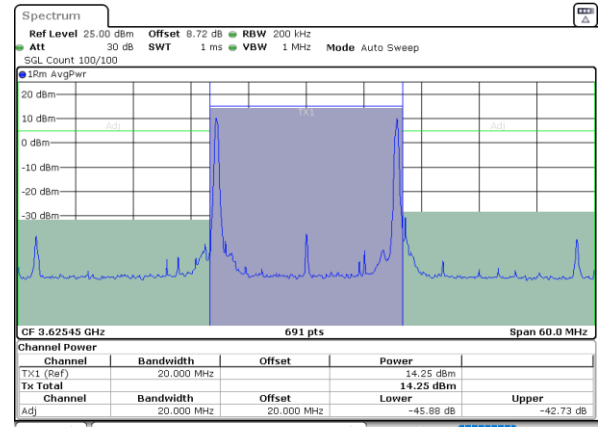
LTE Band 48B / 10MHz+10MHz

QPSK

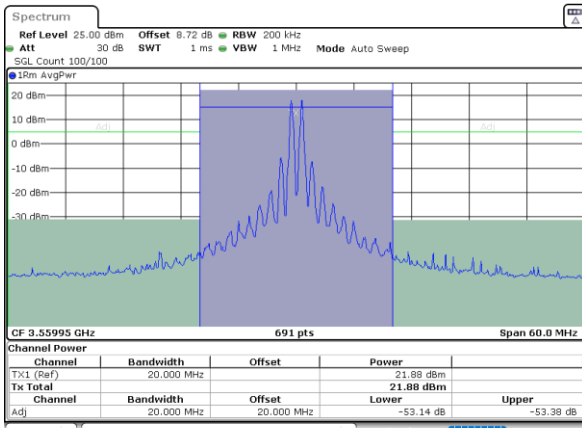
Lowest Band Edge / 1RB0 and 1RB49



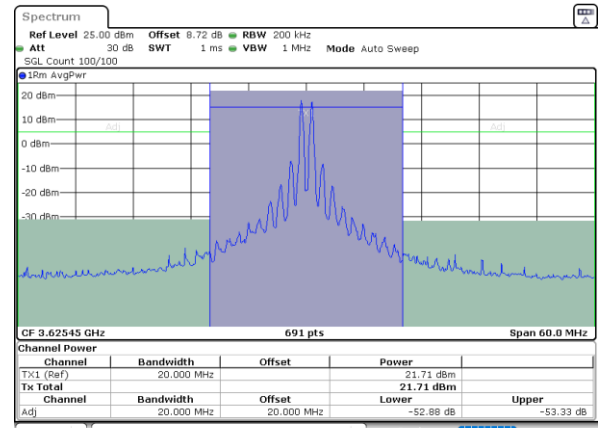
Middle Band Edge / 1RB0 and 1RB49



Lowest Band Edge / 1RB49 and 1RB0

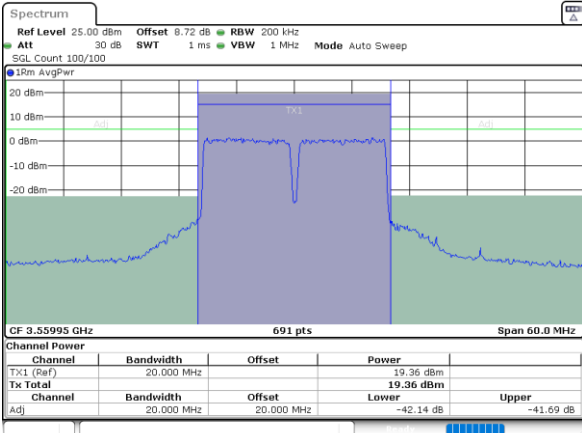


Middle Band Edge / 1RB49 and 1RB0



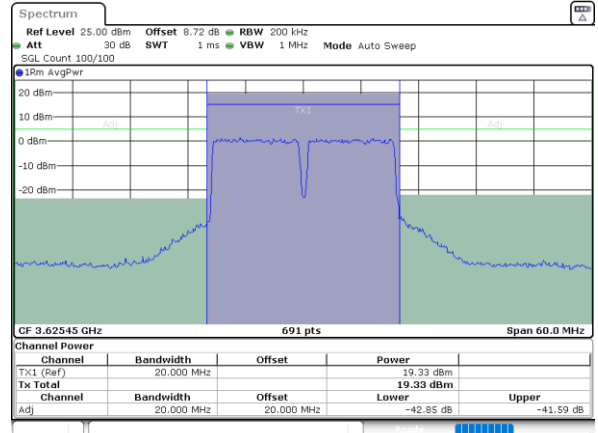


Lowest Band Edge / Full RB



Date: 2_JAN,2025 01:39:53

Middle Band Edge / Full RB



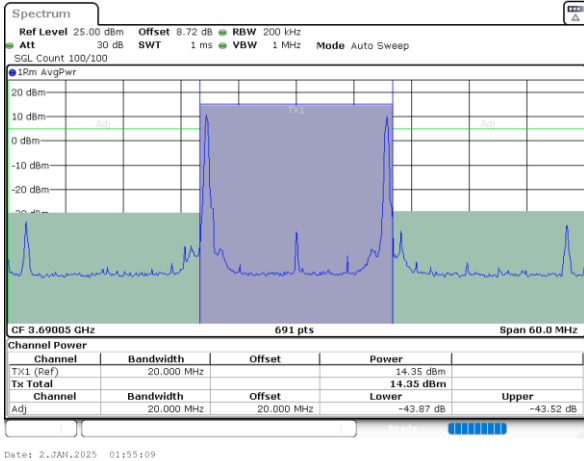
Date: 2_JAN,2025 01:49:02



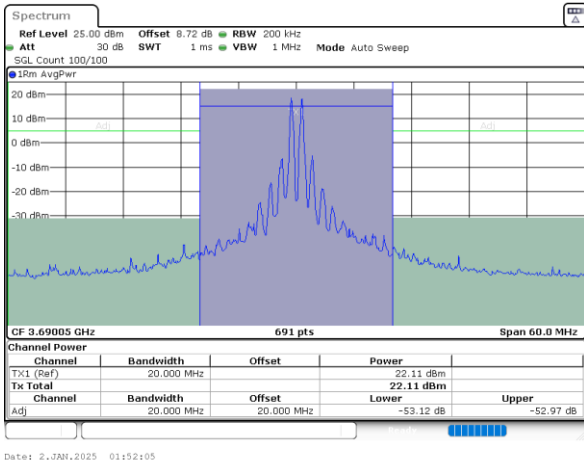
LTE Band 48B / 10MHz+10MHz

QPSK

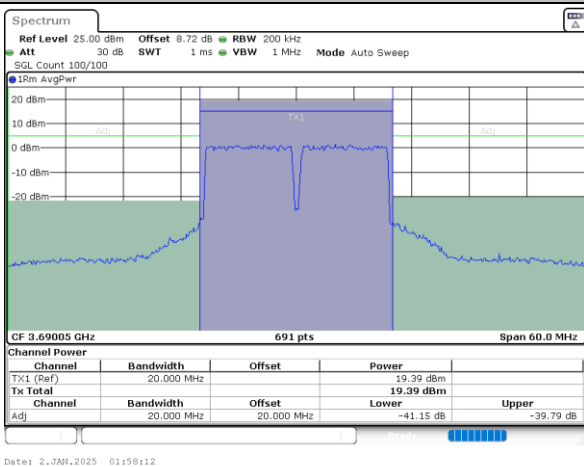
Highest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB49 and 1RB0



Highest Band Edge / Full RB

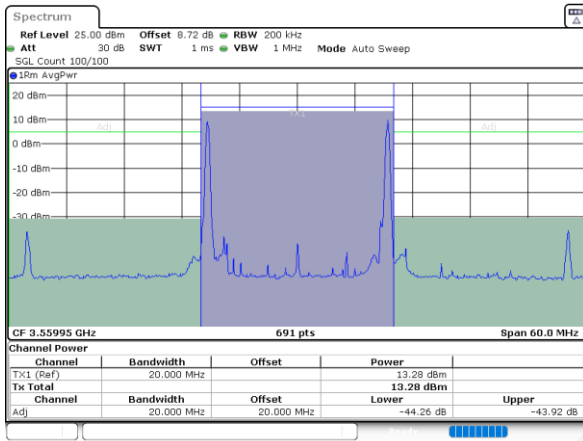




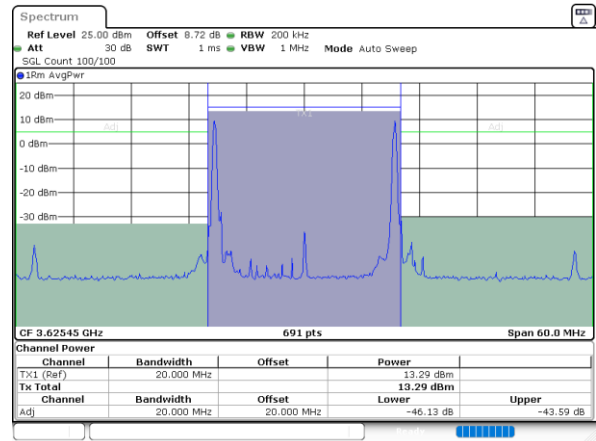
LTE Band 48B / 10MHz+10MHz

16QAM

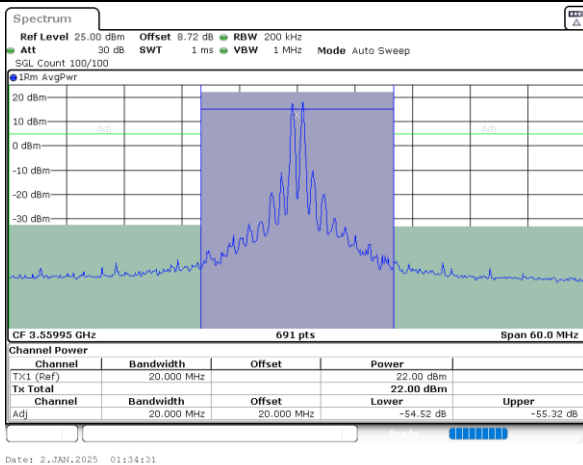
Lowest Band Edge / 1RB0 and 1RB49



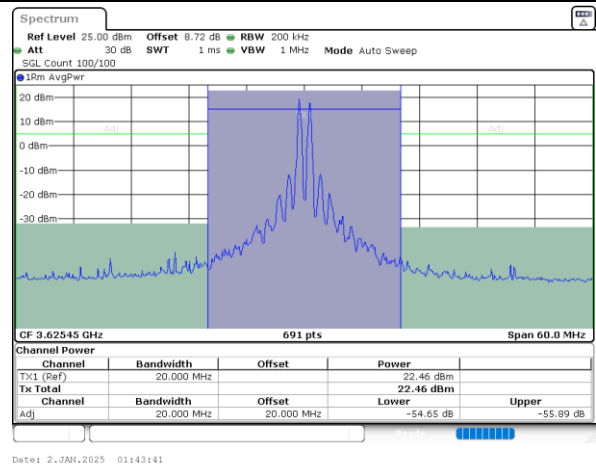
Middle Band Edge / 1RB0 and 1RB49



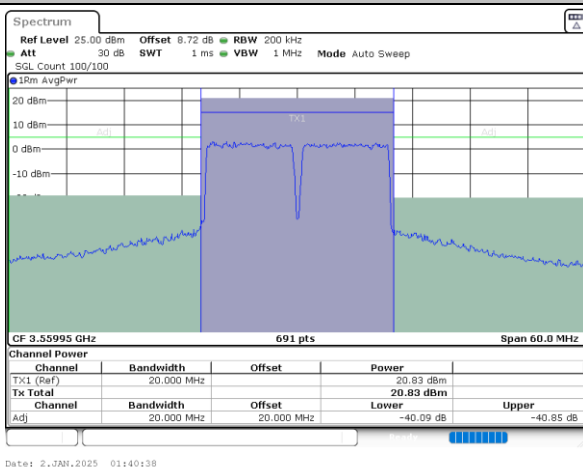
Lowest Band Edge / 1RB49 and 1RB0



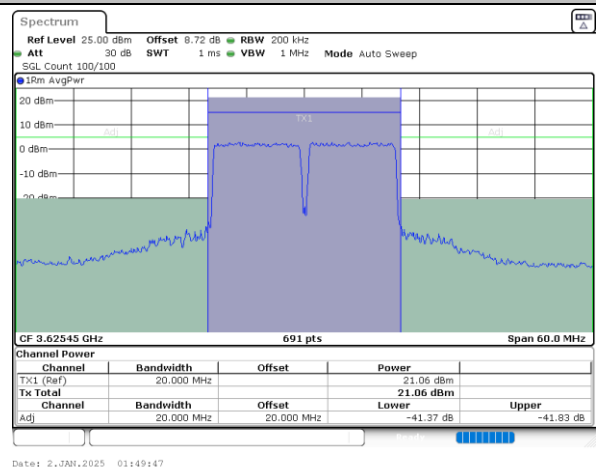
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB

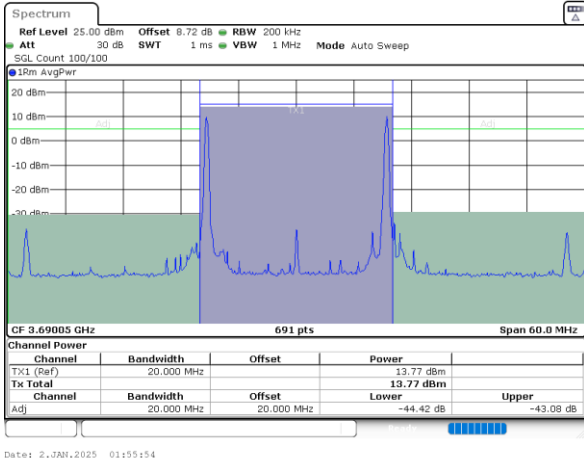




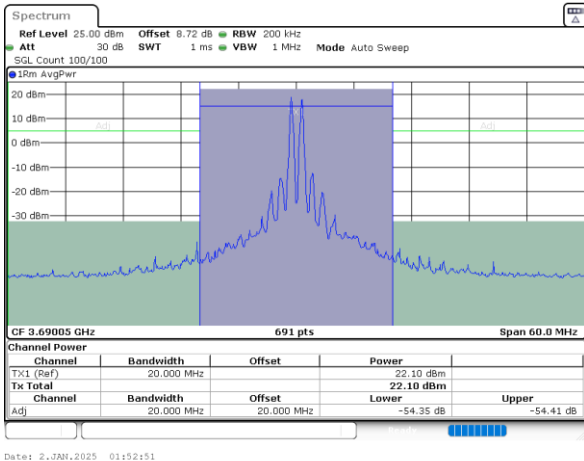
LTE Band 48B / 10MHz+10MHz

16QAM

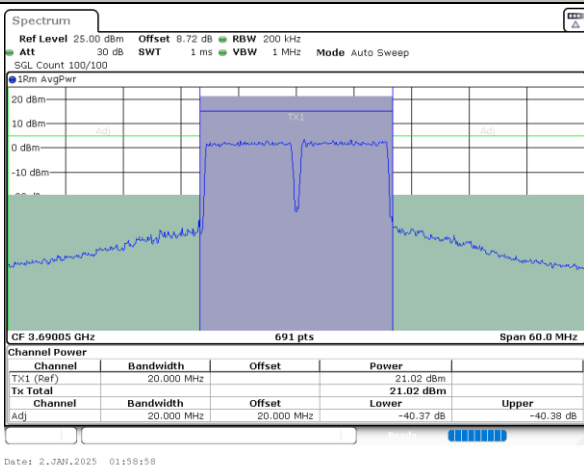
Highest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB49 and 1RB0



Highest Band Edge / Full RB

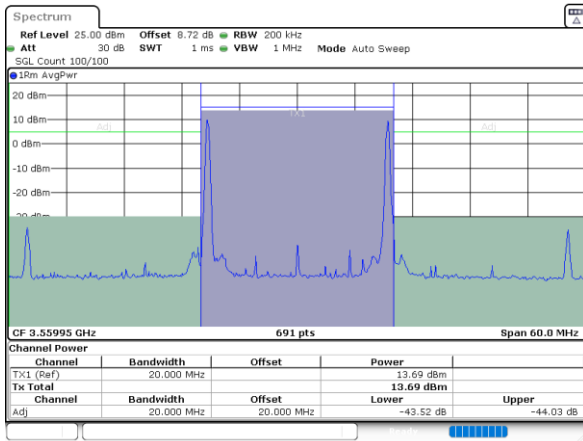




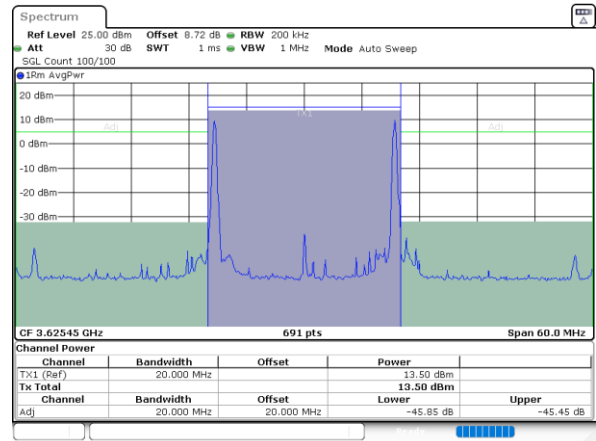
LTE Band 48B / 10MHz+10MHz

64QAM

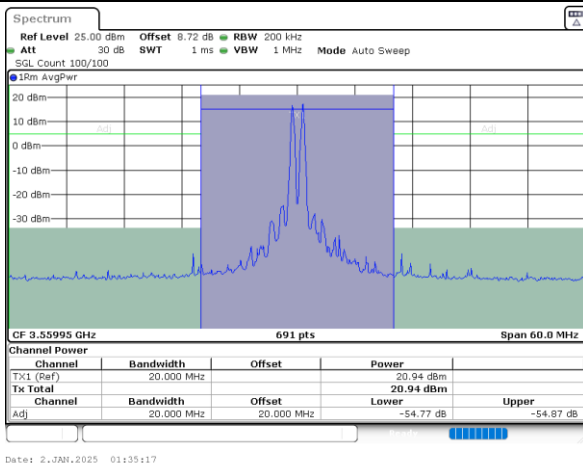
Lowest Band Edge / 1RB0 and 1RB49



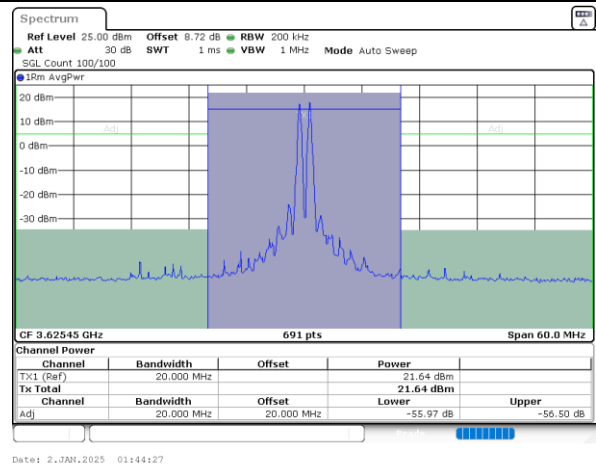
Middle Band Edge / 1RB0 and 1RB49



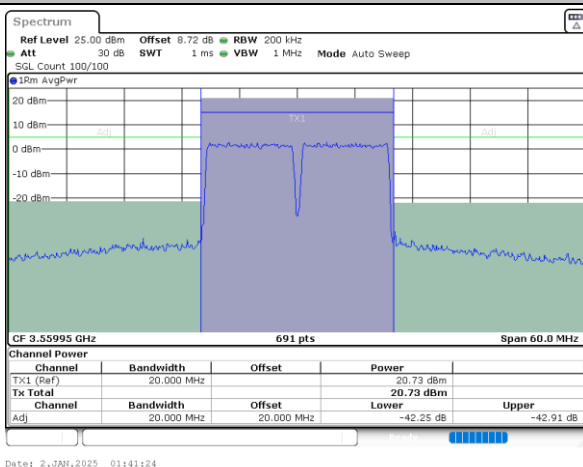
Lowest Band Edge / 1RB49 and 1RB0



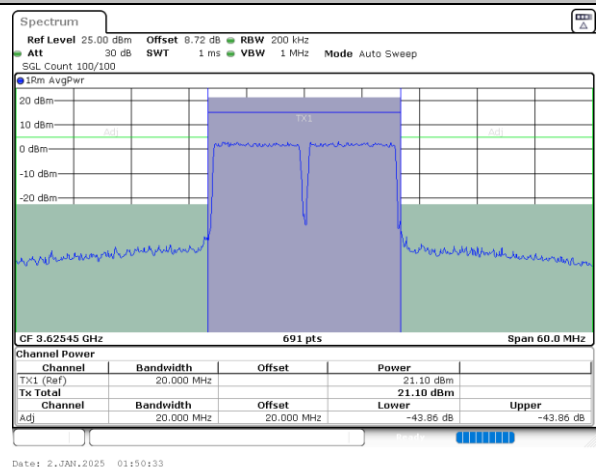
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB

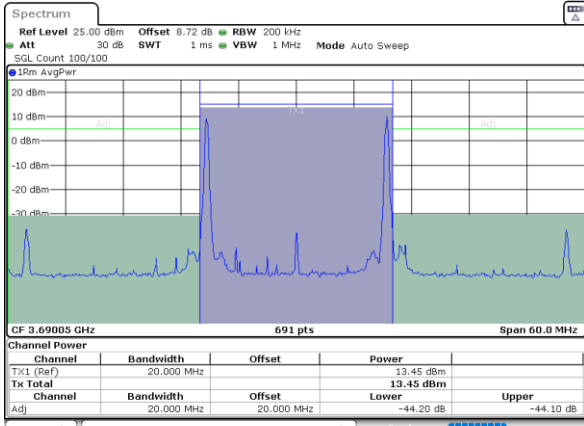




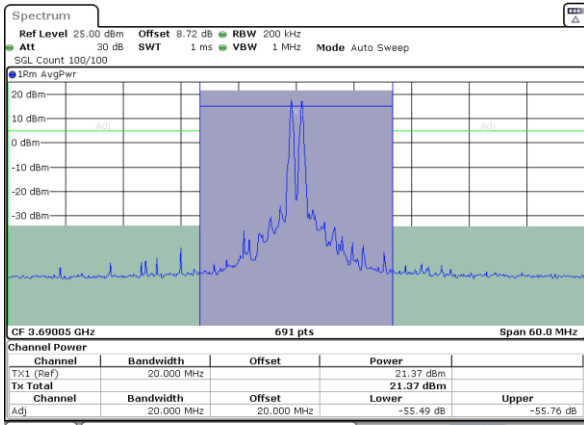
LTE Band 48B / 10MHz+10MHz

64QAM

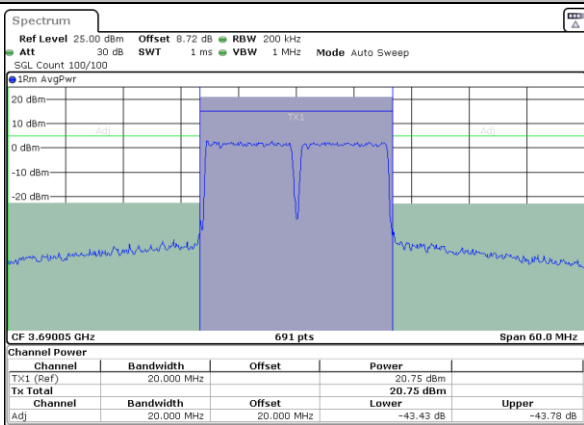
Highest Band Edge / 1RB0 and 1RB49



Highest Band Edge / 1RB49 and 1RB0



Highest Band Edge / Full RB

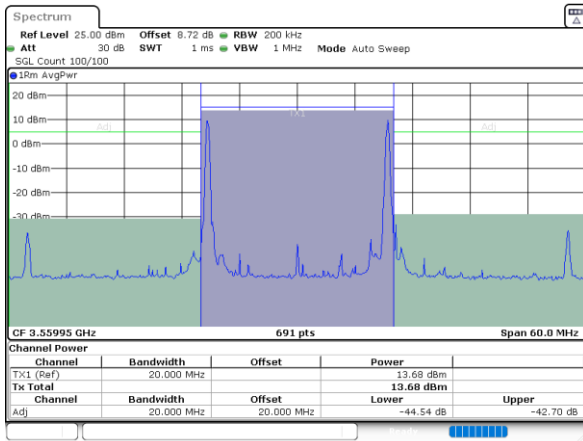




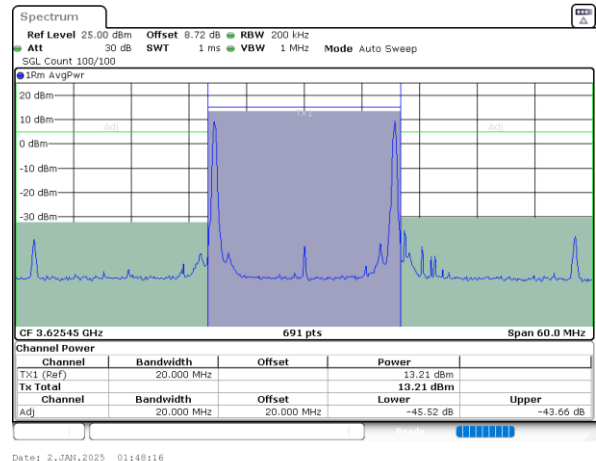
LTE Band 48B / 10MHz+10MHz

256QAM

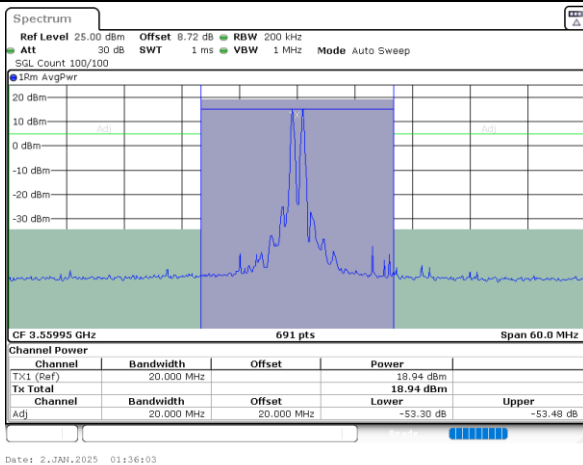
Lowest Band Edge / 1RB0 and 1RB49



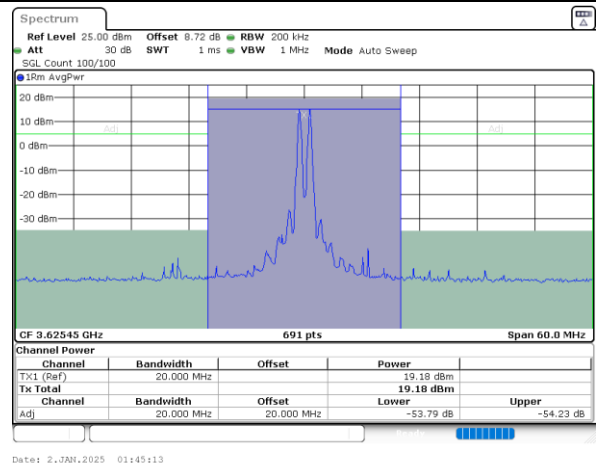
Middle Band Edge / 1RB0 and 1RB49



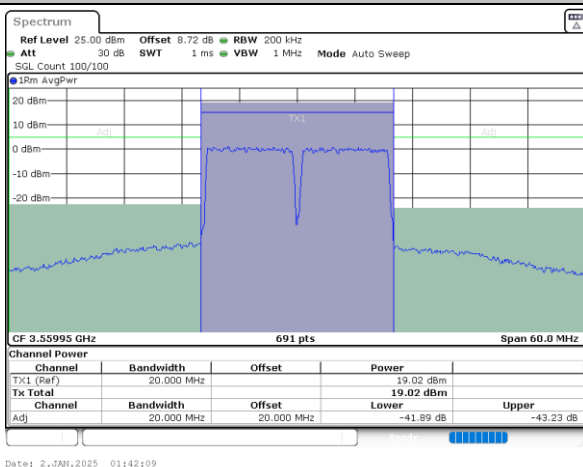
Lowest Band Edge / 1RB49 and 1RB0



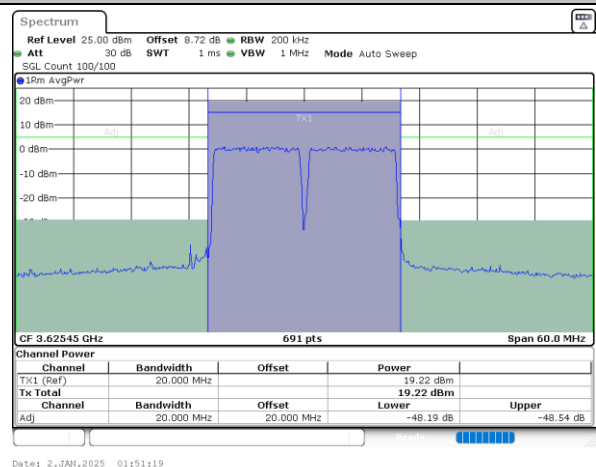
Middle Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB

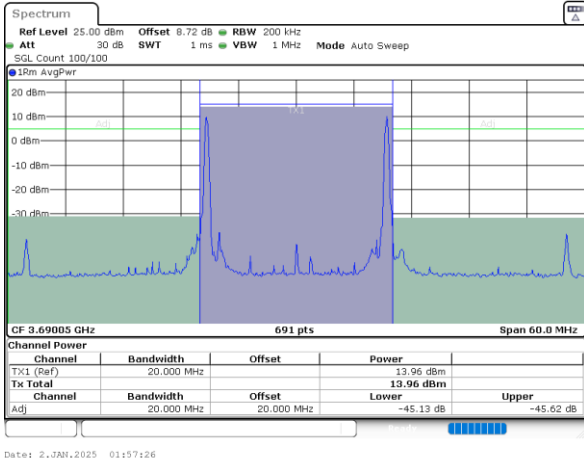




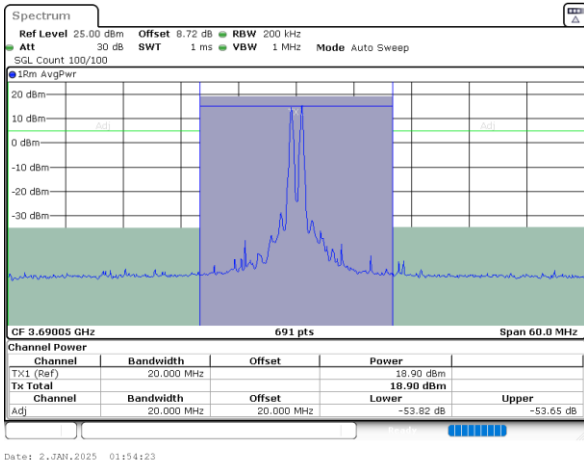
LTE Band 48B / 10MHz+10MHz

64QAM

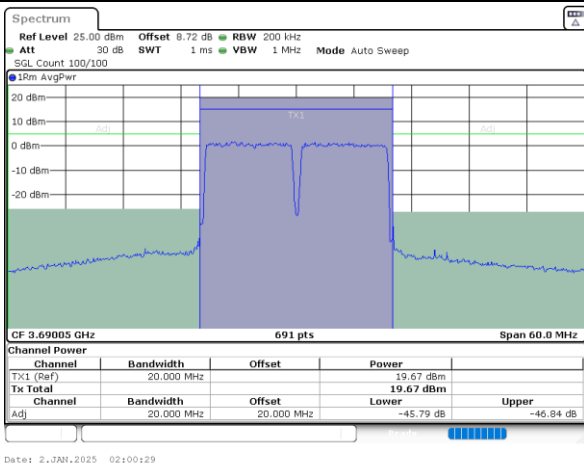
Highest Band Edge / 1RB0 and 1RB49

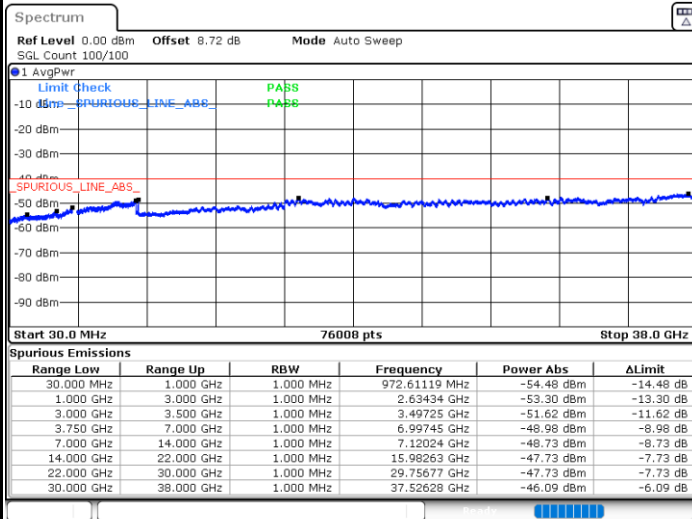


Highest Band Edge / 1RB49 and 1RB0

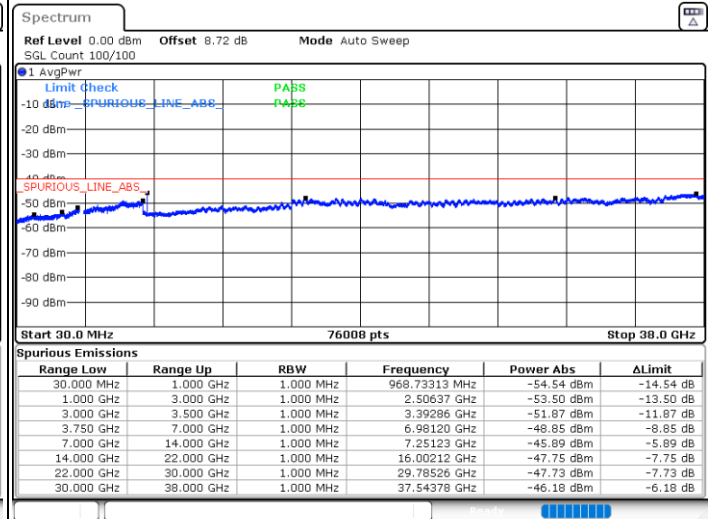


Highest Band Edge / Full RB

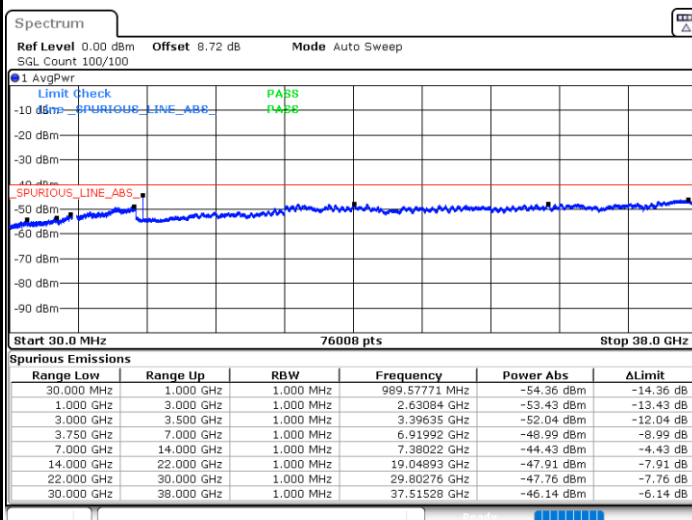


**Conducted Spurious Emission****LTE Band 48B / 10MHz+10MHz QPSK Lowest
Channel / 1RB49 and 1RB0****LTE Band 48B / 10MHz+10MHz QPSK Middle
Channel / 1RB49 and 1RB0**

Date: 2.JAN.2025 01:15:20



Date: 2.JAN.2025 01:13:53

**LTE Band 48B / 10MHz+10MHz QPSK Highest
Channel / 1RB49 and 1RB0**

Date: 2.JAN.2025 01:16:54

**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	0.0025	PASS
40	Normal Voltage	0.0046	
30	Normal Voltage	0.0016	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0094	
0	Normal Voltage	0.0043	
-10	Normal Voltage	0.0061	
-20	Normal Voltage	0.0048	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0007	

Note:

1. Normal Voltage =3.86 V. ; Minimum Voltage=3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 48C

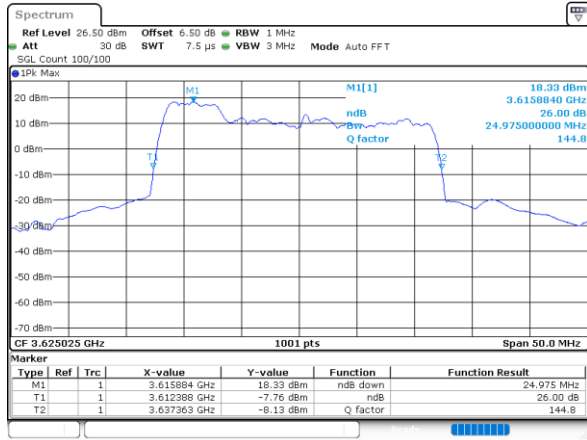
26dB Bandwidth

Mode	LTE Band 48C : 26dB BW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	24.98	24.83
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	30.09	29.91
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	35.04	34.97
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	24.93	24.98
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	30.09	29.97
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	35.04	34.90
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	40.04	39.88



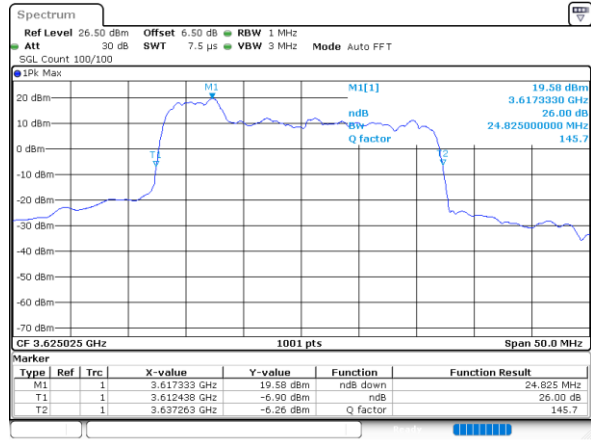
LTE Band 48C

Middle Channel / 5MHz+20MHz/QPSK



Date: 30, DEC, 2024 03:07:13

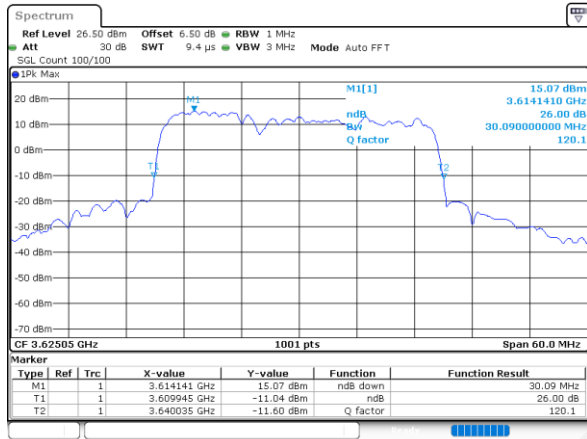
Middle Channel / 5MHz+20MHz/16QAM



Date: 30, DEC, 2024 03:06:45

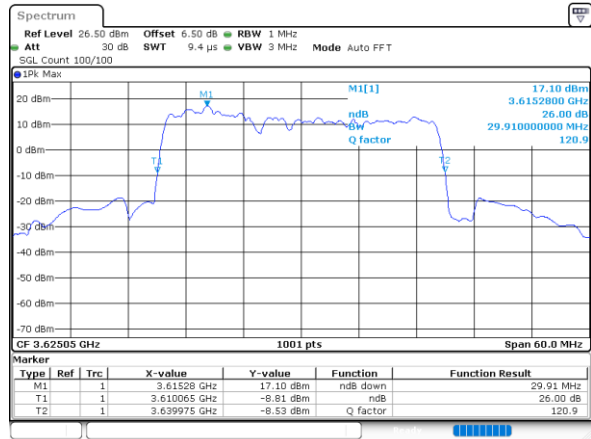
LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK



Date: 30, DEC, 2024 03:08:48

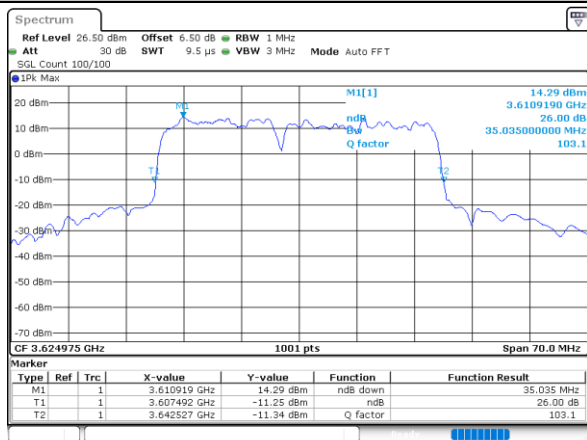
Middle Channel / 10MHz+20MHz/16QAM



Date: 30, DEC, 2024 03:09:15

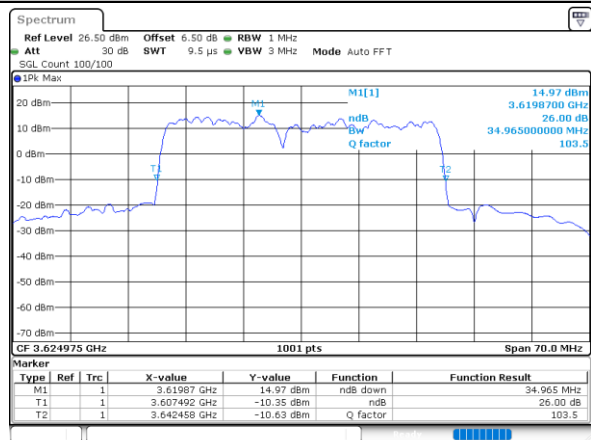
LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK



Date: 30, DEC, 2024 03:13:11

Middle Channel / 15MHz+20MHz/16QAM

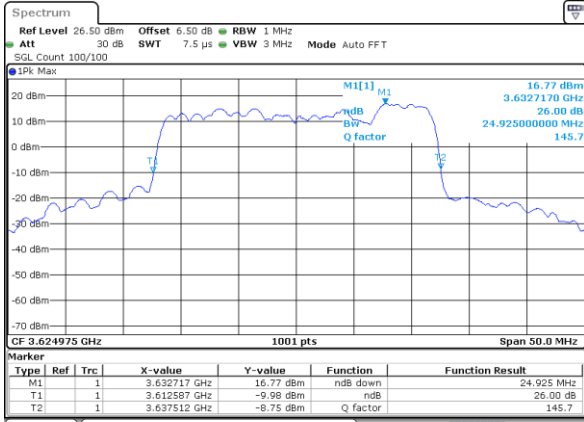


Date: 30, DEC, 2024 03:12:43

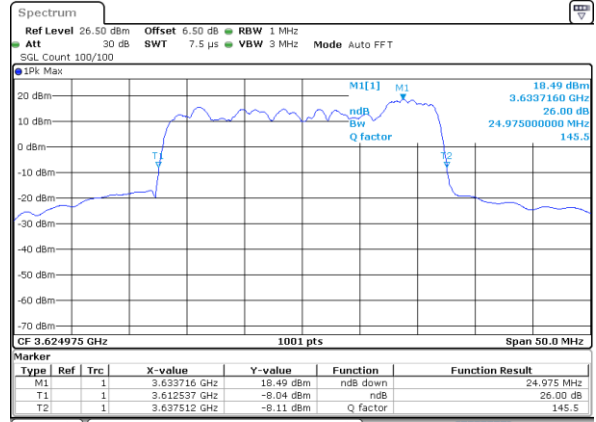


LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



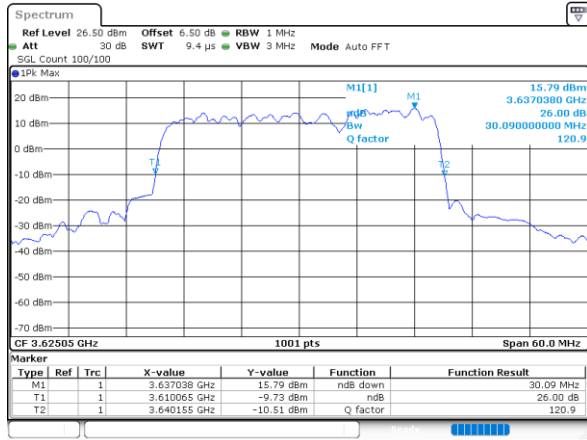
Middle Channel / 20MHz+5MHz/16QAM





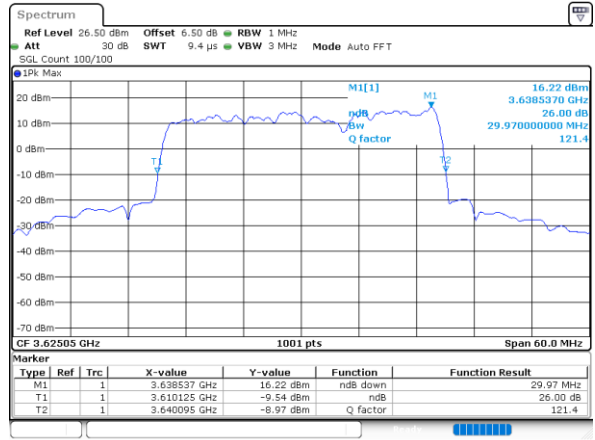
LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK



Date: 30, DEC, 2024 03:19:01

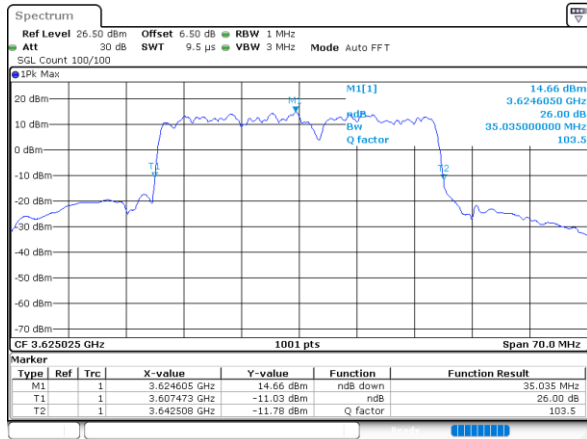
Middle Channel / 20MHz+10MHz/16QAM



Date: 30, DEC, 2024 03:19:29

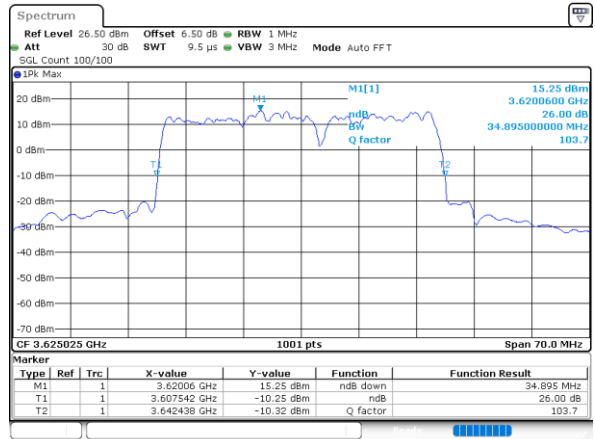
LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK



Date: 30, DEC, 2024 03:18:27

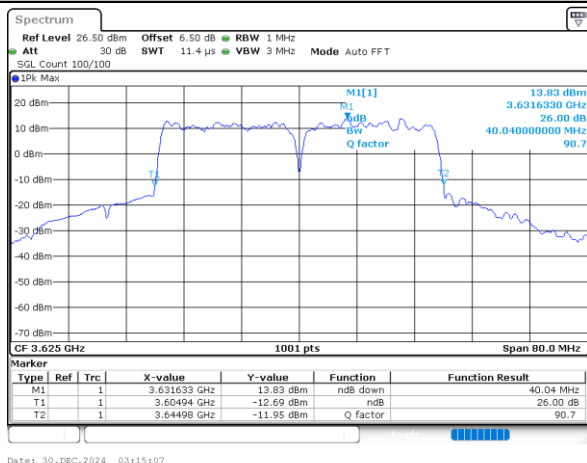
Middle Channel / 20MHz+15MHz/16QAM



Date: 30, DEC, 2024 03:17:59

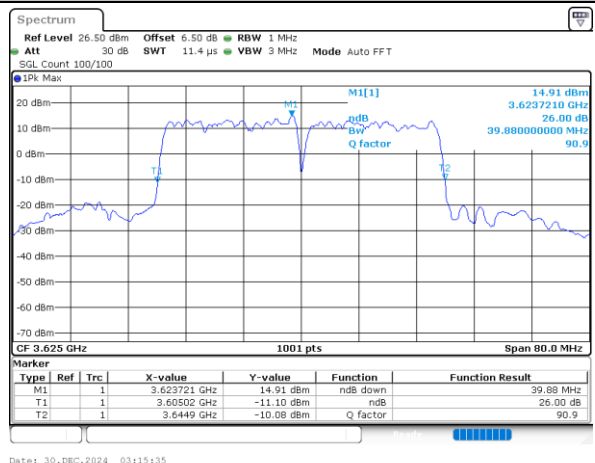
LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Date: 30, DEC, 2024 03:15:07

Middle Channel / 20MHz+20MHz/16QAM

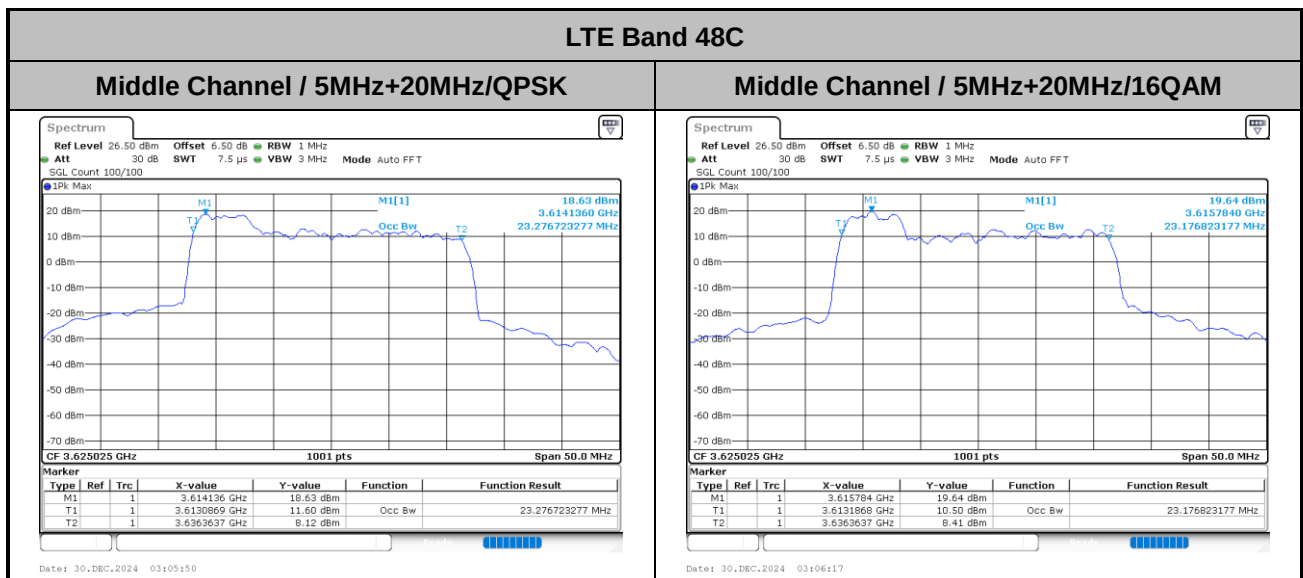


Date: 30, DEC, 2024 03:15:35



Occupied Bandwidth

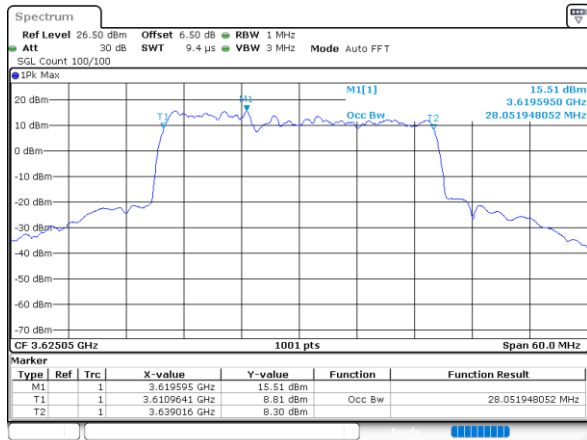
Mode	LTE Band 48C : OBW(MHz)	
QPSK	QPSK	16QAM
BW	5MHz+20MHz	5MHz+20MHz
Middle CH	23.28	23.18
QPSK	QPSK	16QAM
BW	10MHz+20MHz	10MHz+20MHz
Middle CH	28.05	27.99
QPSK	QPSK	16QAM
BW	15MHz+20MHz	15MHz+20MHz
Middle CH	32.87	33.08
QPSK	QPSK	16QAM
BW	20MHz+5MHz	20MHz+5MHz
Middle CH	23.23	23.23
QPSK	QPSK	16QAM
BW	20MHz+10MHz	20MHz+10MHz
Middle CH	28.23	27.93
QPSK	QPSK	16QAM
BW	20MHz+15MHz	20MHz+15MHz
Middle CH	32.73	32.94
QPSK	QPSK	16QAM
BW	20MHz+20MHz	20MHz+20MHz
Middle CH	37.64	37.88



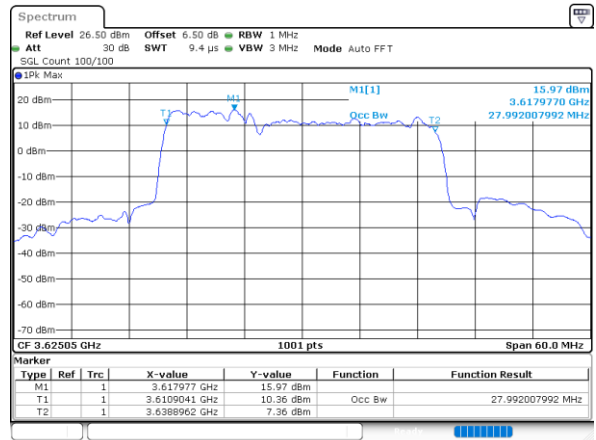


LTE Band 48C

Middle Channel / 10MHz+20MHz/QPSK

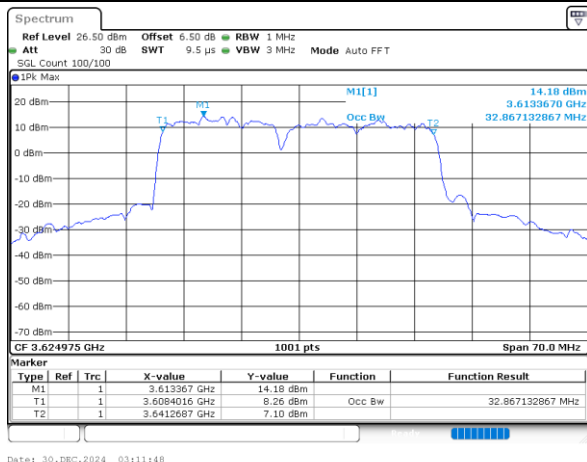


Middle Channel / 10MHz+20MHz/16QAM

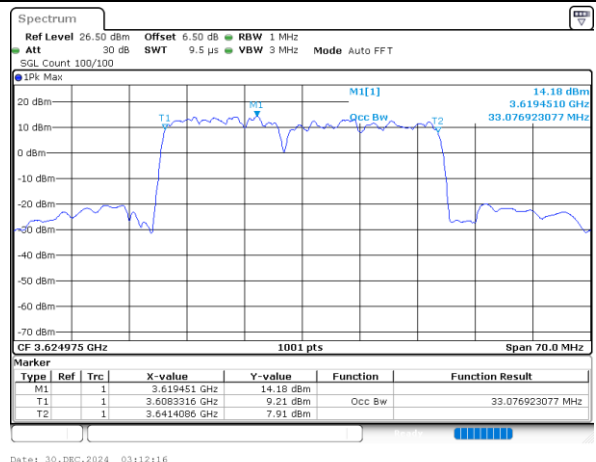


LTE Band 48C

Middle Channel / 15MHz+20MHz/QPSK

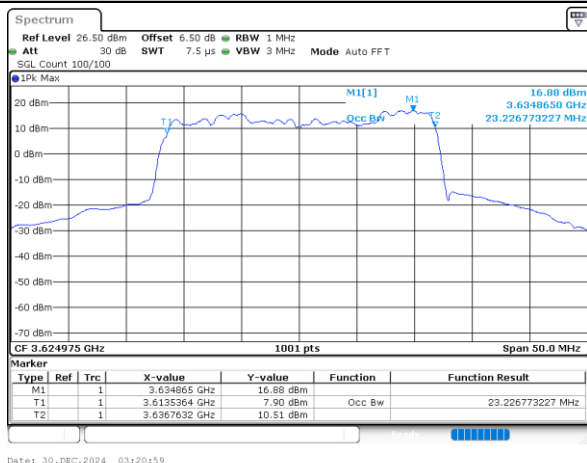


Middle Channel / 15MHz+20MHz/16QAM

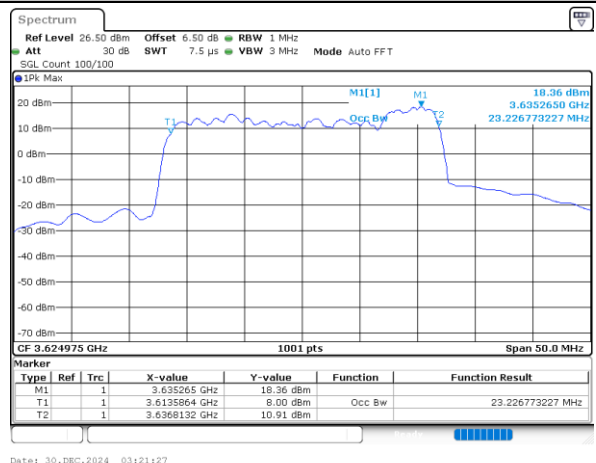


LTE Band 48C

Middle Channel / 20MHz+5MHz/QPSK



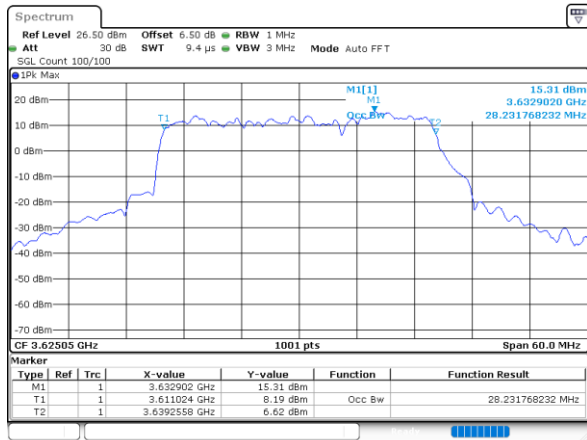
Middle Channel / 20MHz+5MHz/16QAM



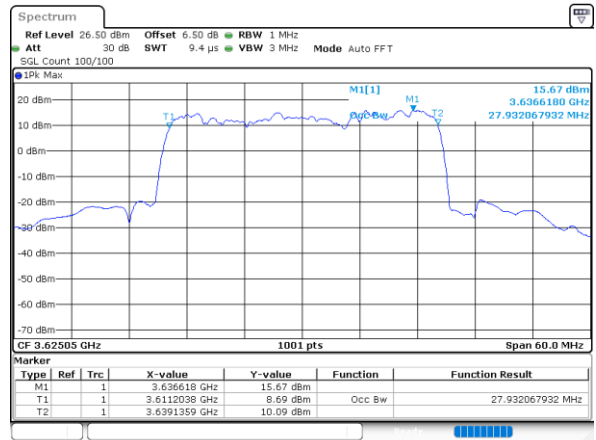


LTE Band 48C

Middle Channel / 20MHz+10MHz/QPSK

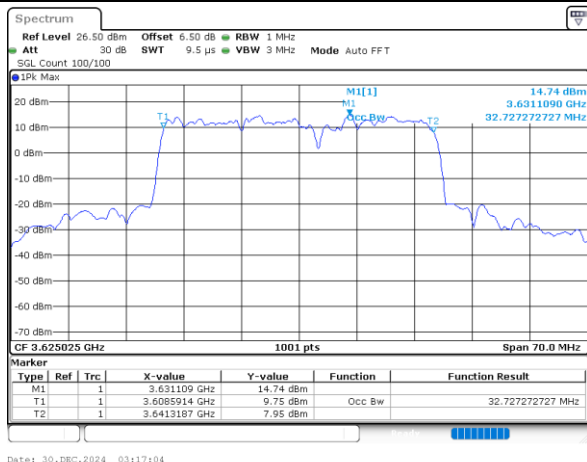


Middle Channel / 20MHz+10MHz/16QAM

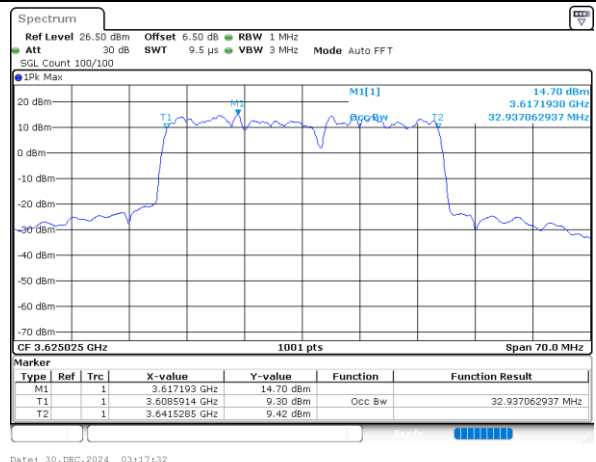


LTE Band 48C

Middle Channel / 20MHz+15MHz/QPSK

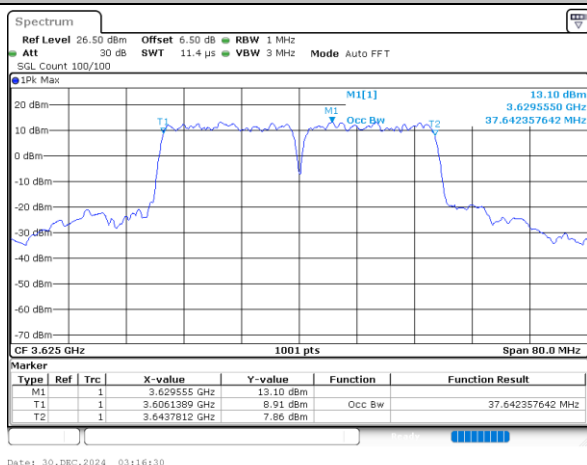


Middle Channel / 20MHz+15MHz/16QAM

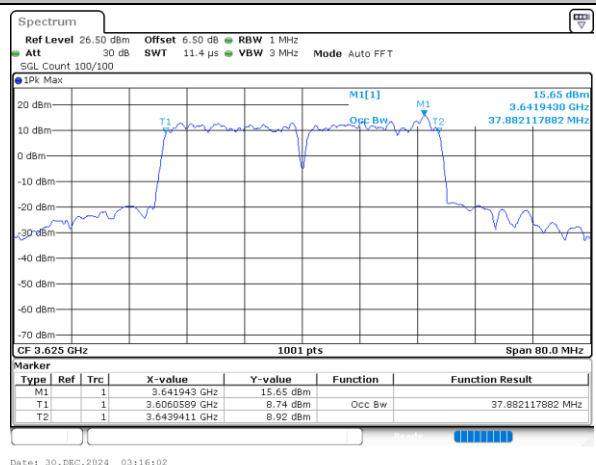


LTE Band 48C

Middle Channel / 20MHz+20MHz/QPSK



Middle Channel / 20MHz+20MHz/16QAM



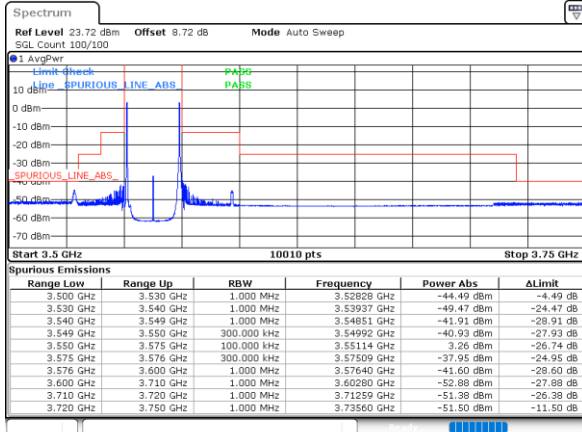


Conducted Band Edge

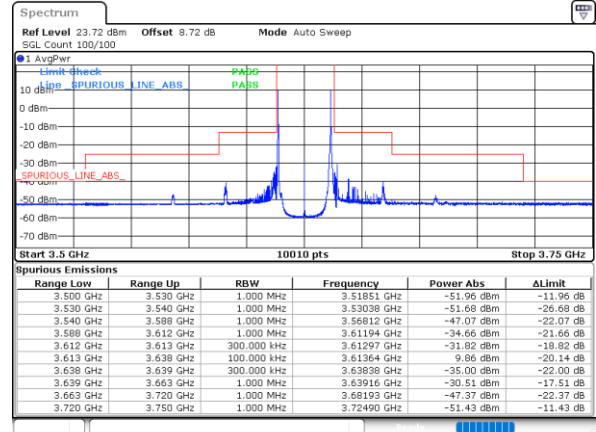
LTE Band 48C / 5MHz+20MHz

QPSK

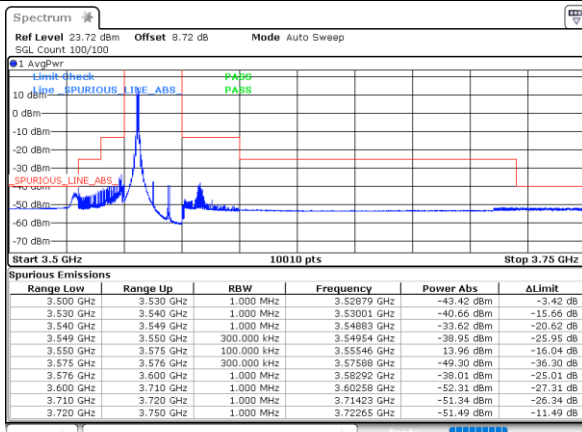
Lowest Band Edge / 1RB0 and 1RB99



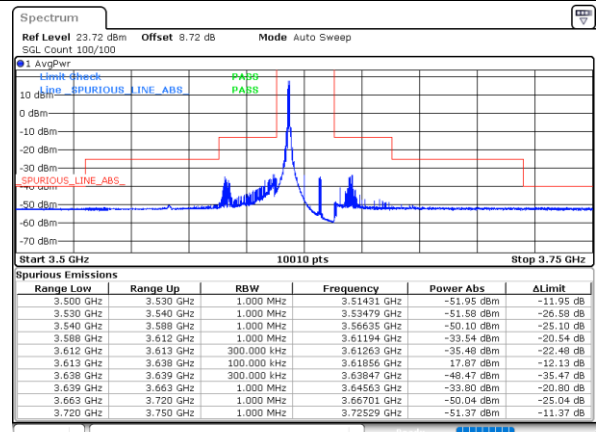
Middle Band Edge / 1RB0 and 1RB99



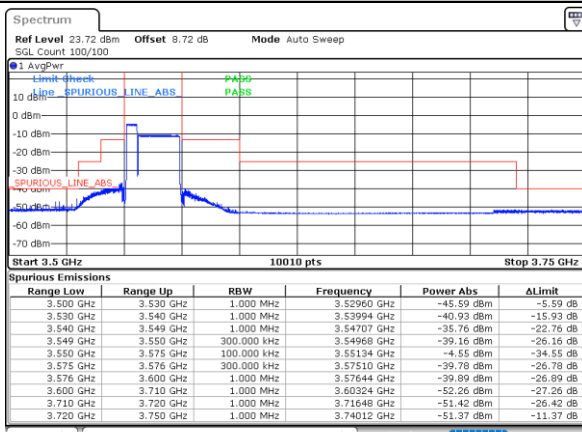
Lowest Band Edge / 1RB24 and 1RB0



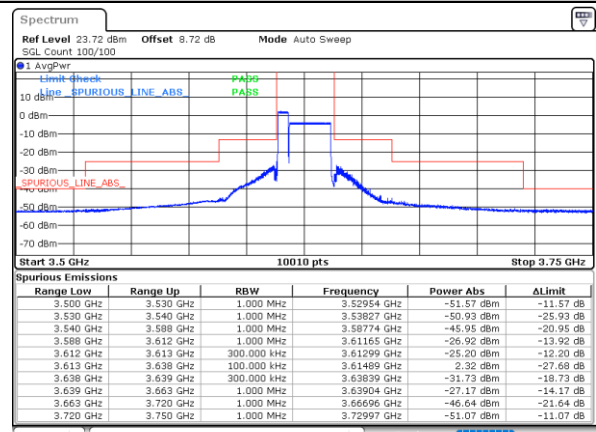
Middle Band Edge / 1RB24 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



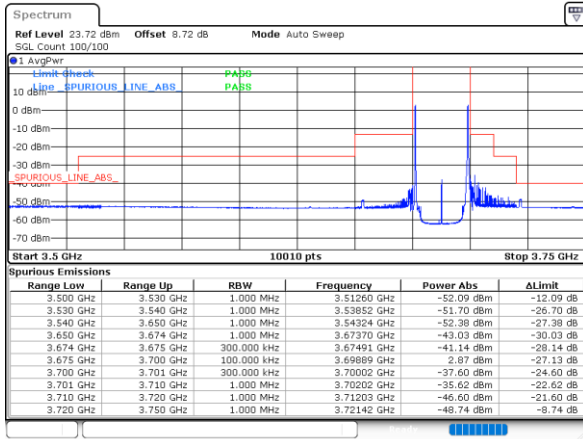


LTE Band 48C / 5MHz+20MHz

QPSK

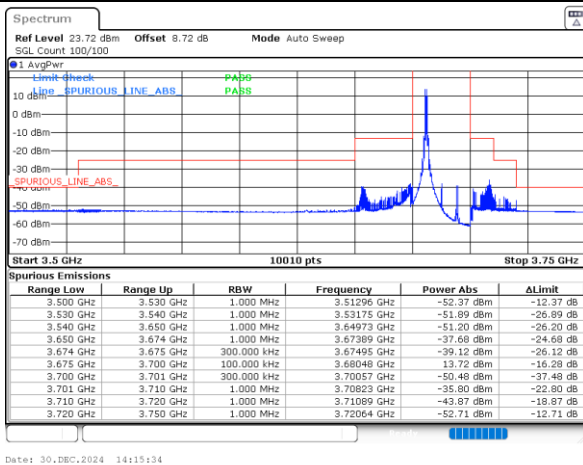
Highest Band Edge / 1RB0 and 1RB99

N/A



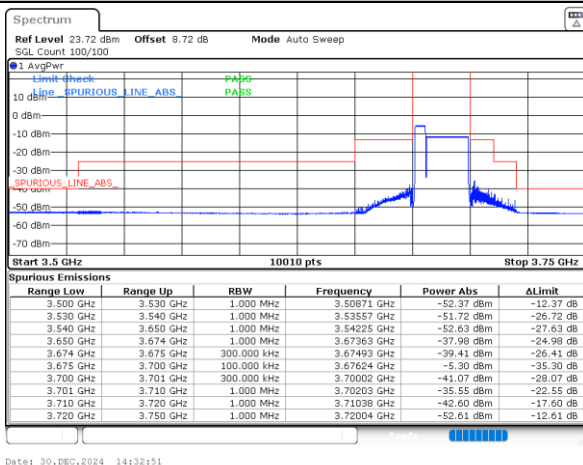
Highest Band Edge / 1RB24 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

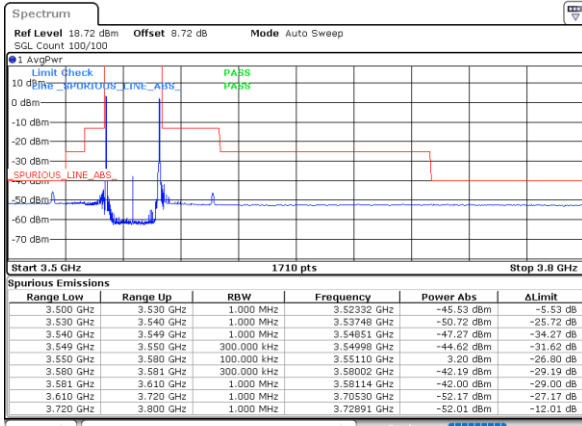




LTE Band 48C / 10MHz+20MHz

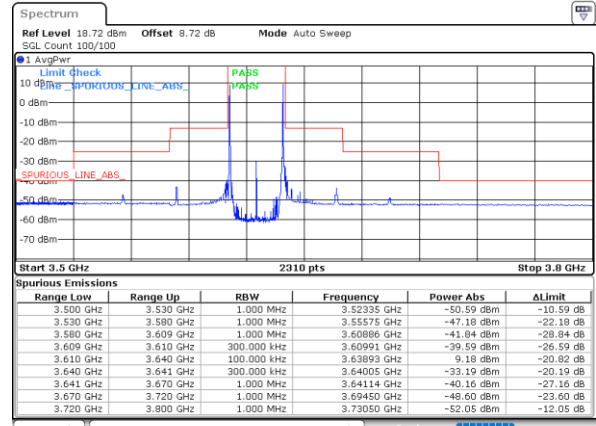
QPSK

Lowest Band Edge / 1RB0 and 1RB99



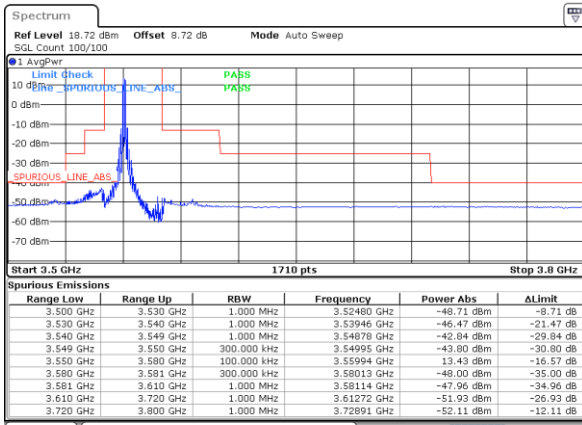
Date: 28,DEC,2024 18:11:45

Middle Band Edge / 1RB0 and 1RB99



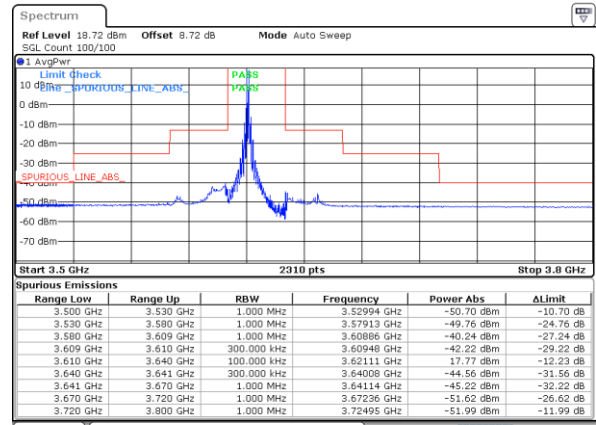
Date: 28,DEC,2024 18:23:58

Lowest Band Edge / 1RB49 and 1RB0



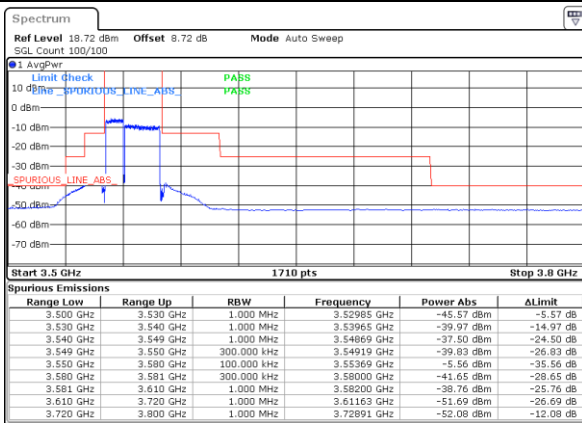
Date: 28,DEC,2024 18:14:25

Middle Band Edge / 1RB49 and 1RB0



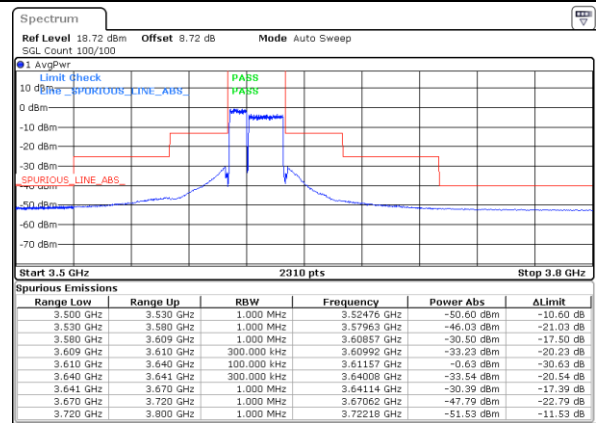
Date: 28,DEC,2024 18:32:05

Lowest Band Edge / Full RB



Date: 28,DEC,2024 18:03:33

Middle Band Edge / Full RB



Date: 28,DEC,2024 18:19:19

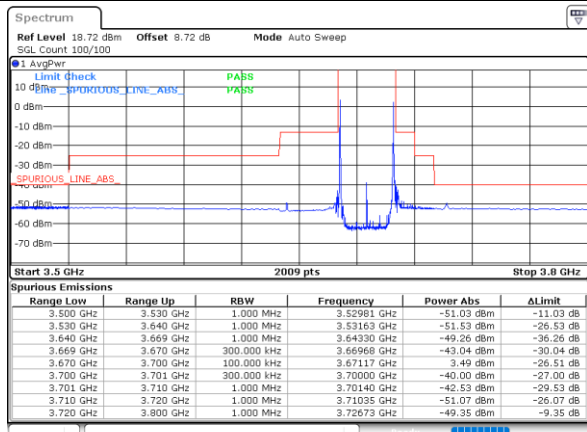


LTE Band 48C / 10MHz+20MHz

QPSK

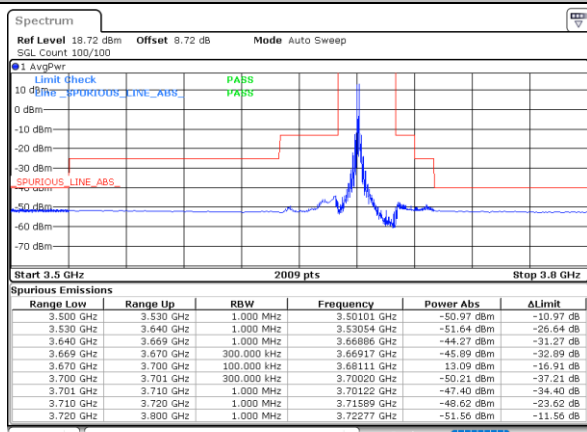
Highest Band Edge / 1RB0 and 1RB99

N/A



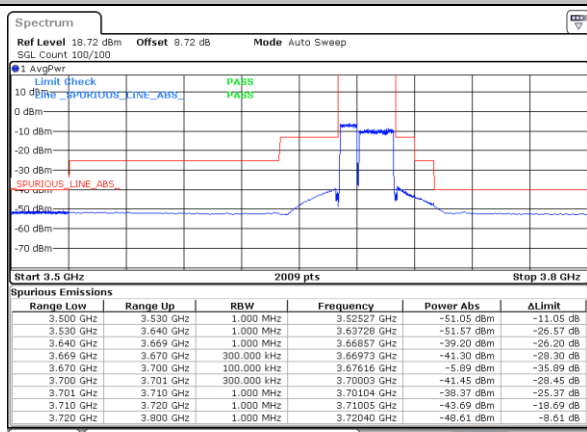
Highest Band Edge / 1RB49 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

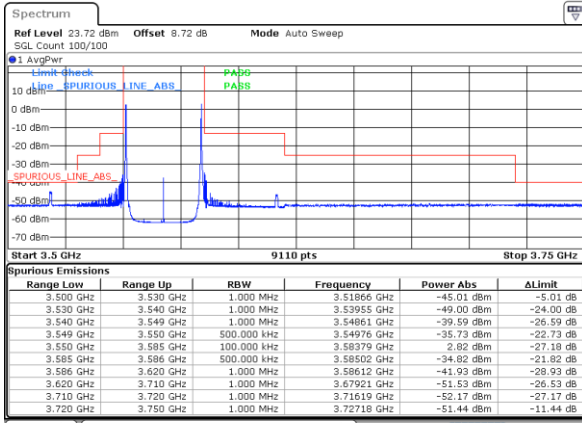




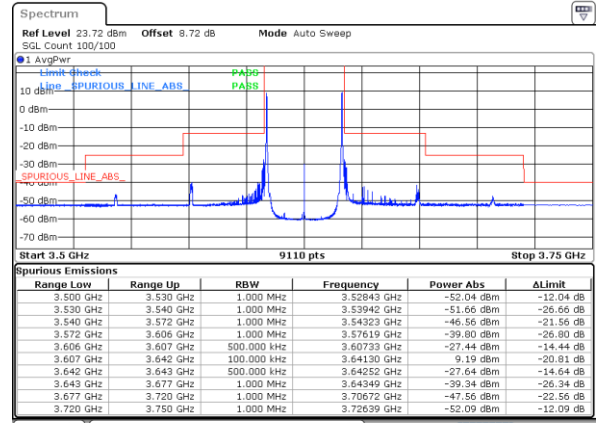
LTE Band 48C / 15MHz+20MHz

QPSK

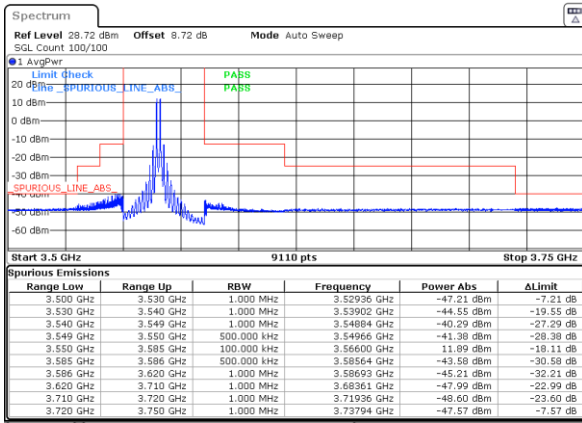
Lowest Band Edge / 1RB0 and 1RB99



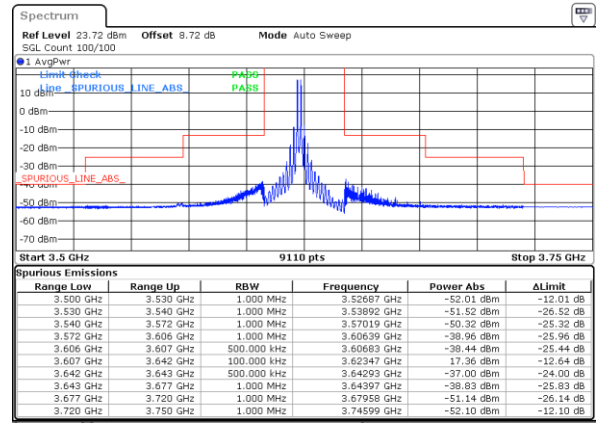
Middle Band Edge / 1RB0 and 1RB99



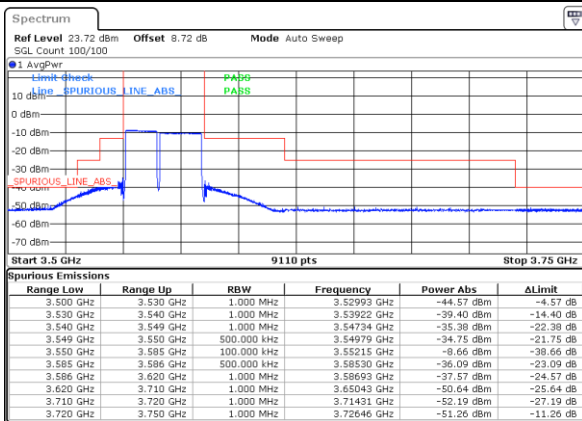
Lowest Band Edge / 1RB74 and 1RB0



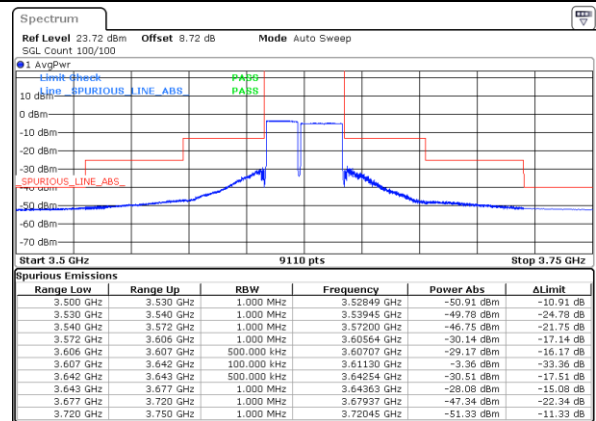
Middle Band Edge / 1RB74 and 1RB0



Lowest Band Edge / Full RB



Middle Band Edge / Full RB



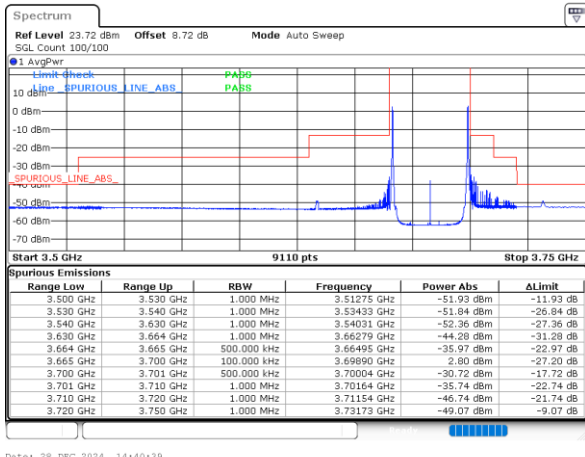


LTE Band 48C / 15MHz+20MHz

QPSK

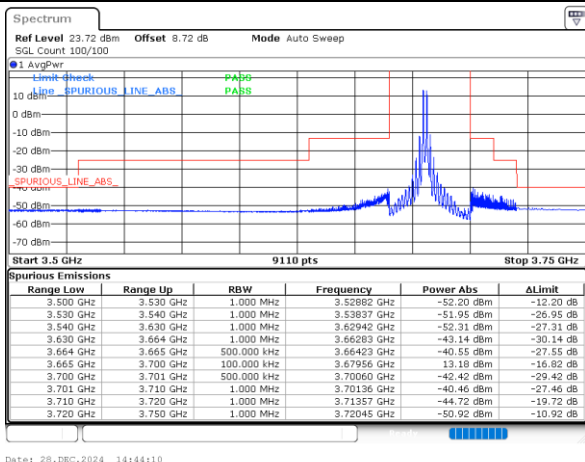
Highest Band Edge / 1RB0 and 1RB99

N/A



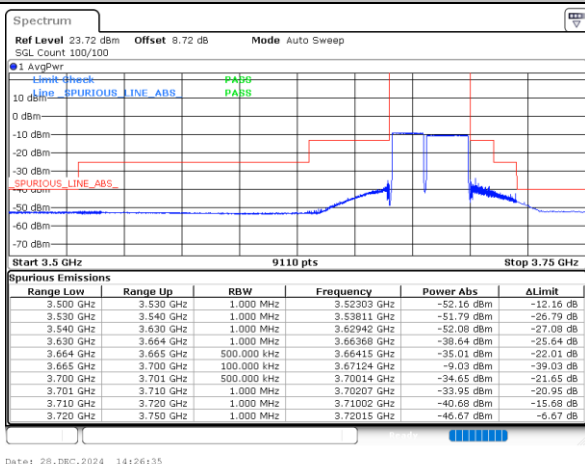
Highest Band Edge / 1RB74 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

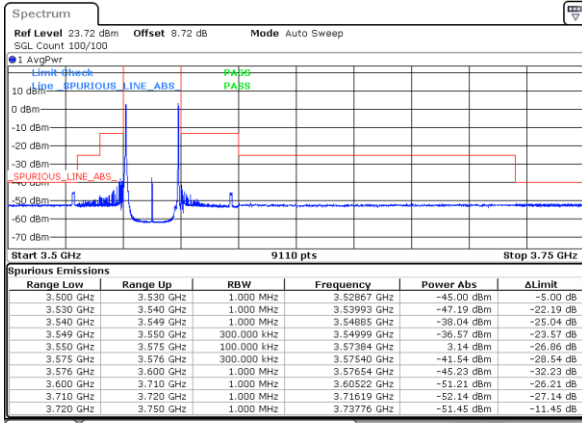




LTE Band 48C/ 20MHz+5MHz

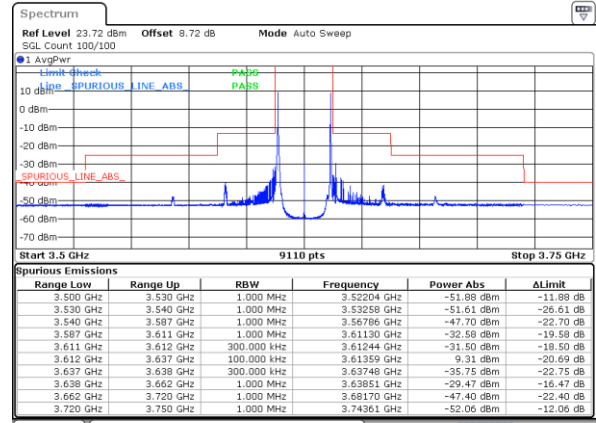
QPSK

Lowest Band Edge / 1RB0 and 1RB24



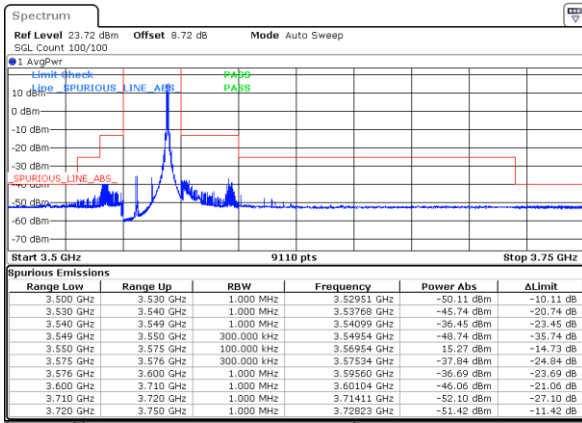
Date: 28, DEC, 2024 13:30:11

Middle Band Edge / 1RB0 and 1RB24



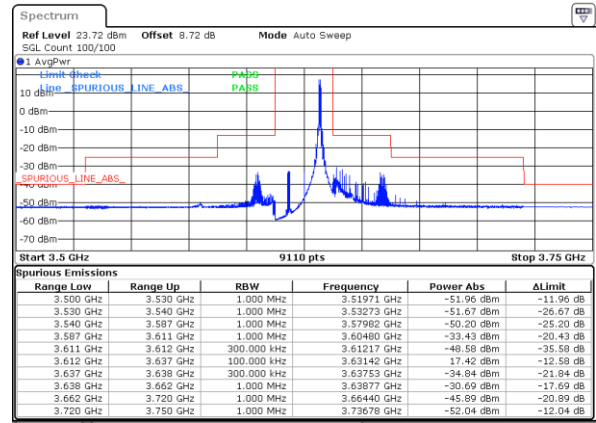
Date: 28, DEC, 2024 15:15:27

Lowest Band Edge / 1RB99 and 1RB0



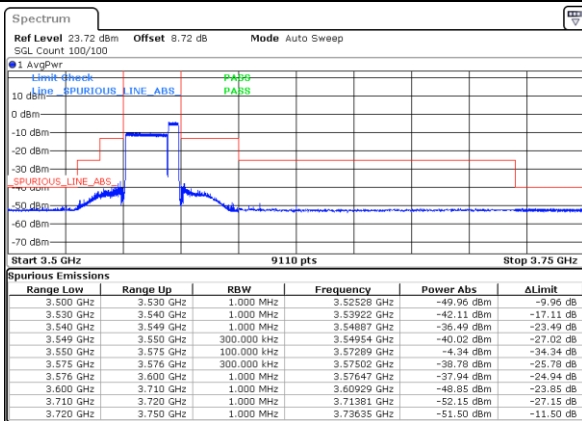
Date: 28, DEC, 2024 14:52:15

Middle Band Edge / 1RB99 and 1RB0



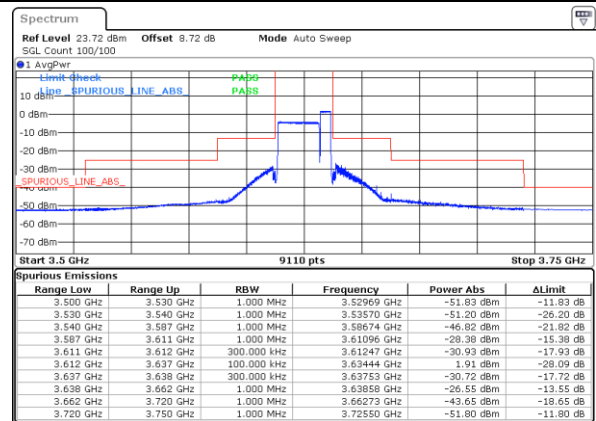
Date: 28, DEC, 2024 15:29:32

Lowest Band Edge / Full RB



Date: 28, DEC, 2024 13:18:26

Middle Band Edge / Full RB



Date: 28, DEC, 2024 15:07:22

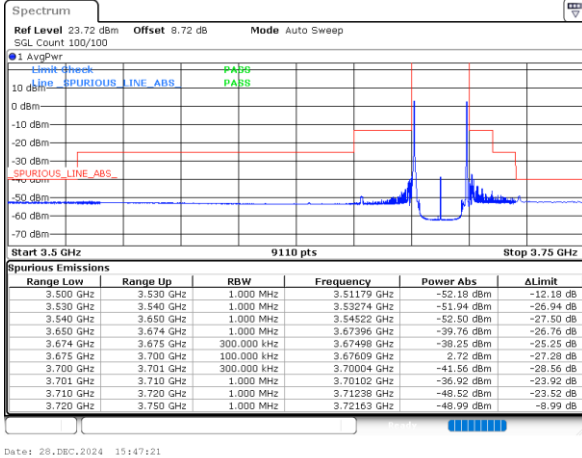


LTE Band 48C / 20MHz+5MHz

QPSK

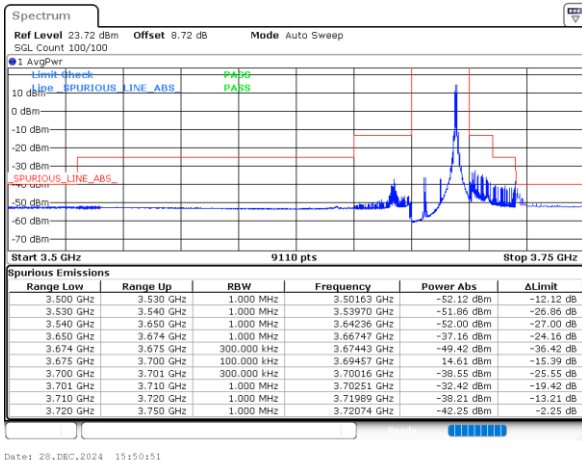
Highest Band Edge / 1RB0 and 1RB24

N/A



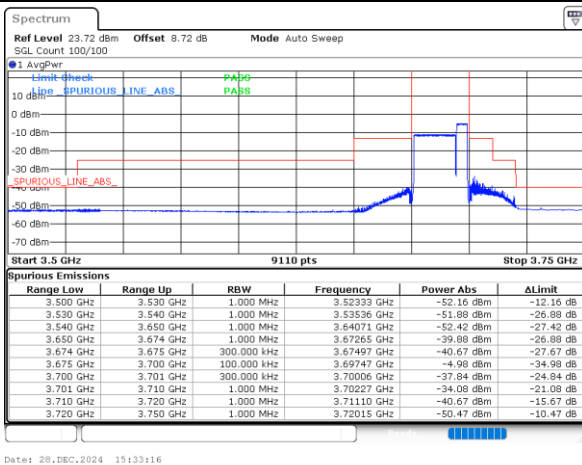
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

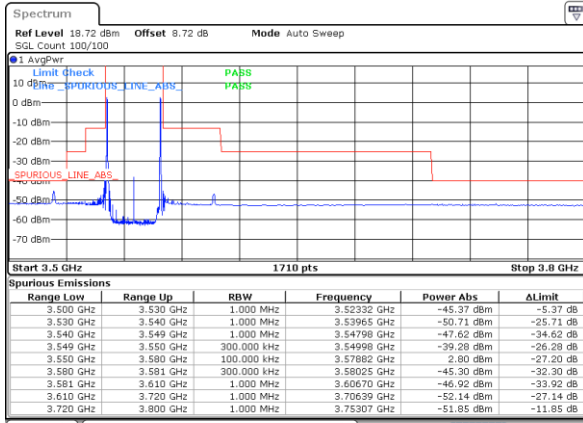




LTE Band 48C / 20MHz+10MHz

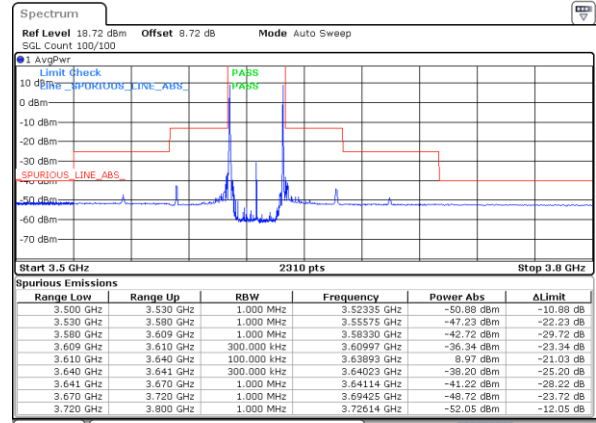
QPSK

Lowest Band Edge / 1RB0 and 1RB49



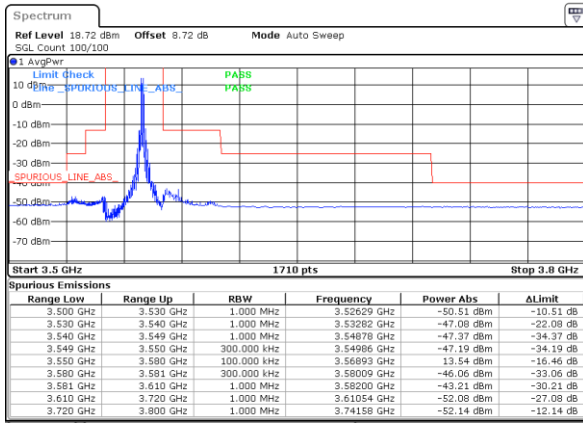
Date: 28, DEC, 2024 19:44:21

Middle Band Edge / 1RB0 and 1RB49



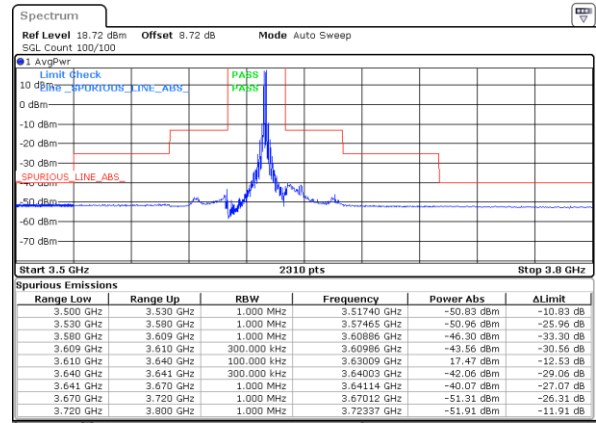
Date: 28, DEC, 2024 19:56:35

Lowest Band Edge / 1RB99 and 1RB0



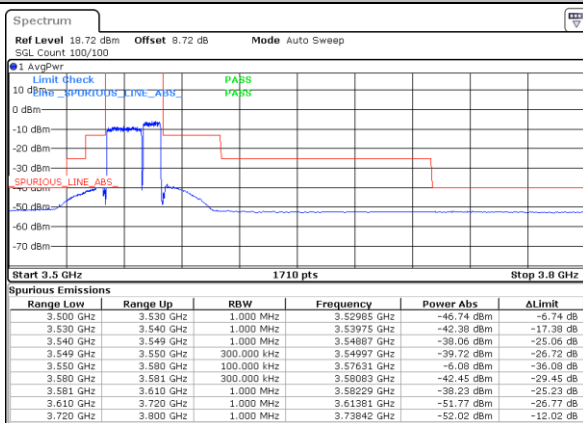
Date: 28, DEC, 2024 19:47:01

Middle Band Edge / 1RB99 and 1RB0



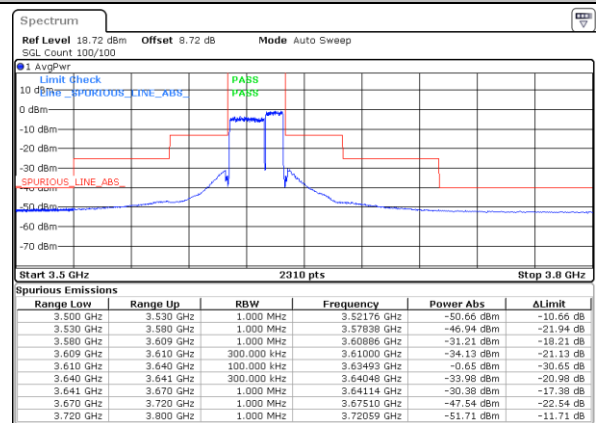
Date: 28, DEC, 2024 20:04:44

Lowest Band Edge / Full RB



Date: 28, DEC, 2024 19:36:09

Middle Band Edge / Full RB



Date: 28, DEC, 2024 19:51:56

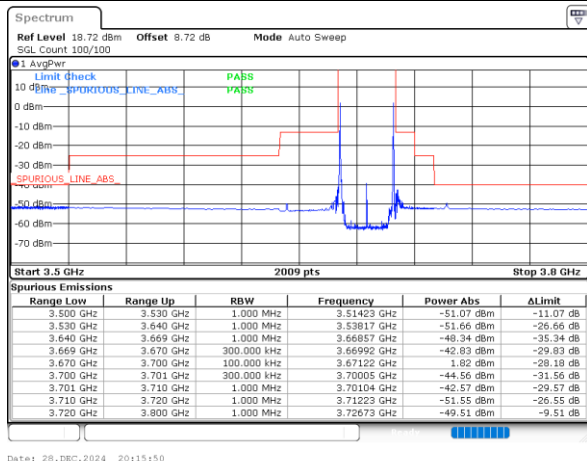


LTE Band 48C / 20MHz+10MHz

QPSK

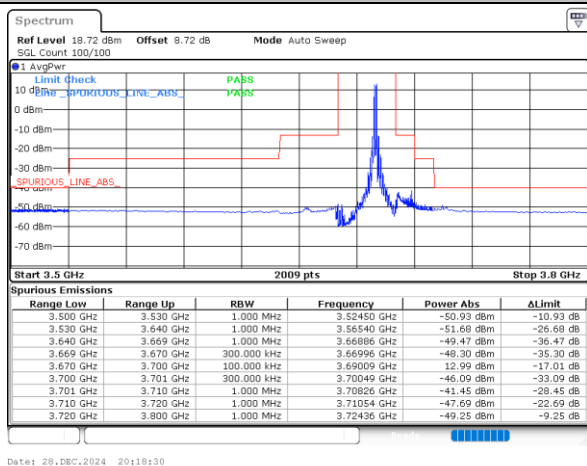
Highest Band Edge / 1RB0 and 1RB49

N/A



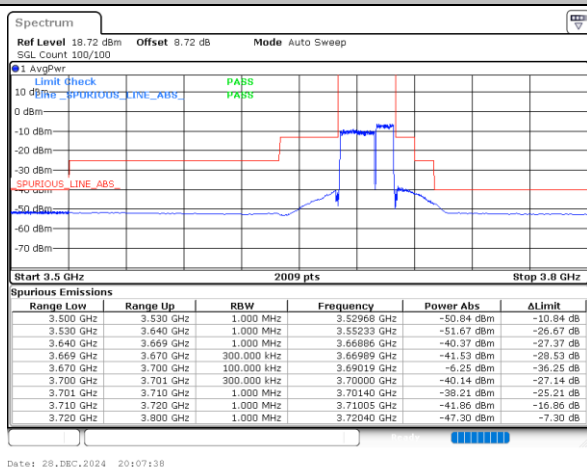
Highest Band Edge / 1RB99 and 1RB0

N/A



Highest Band Edge / Full RB

N/A

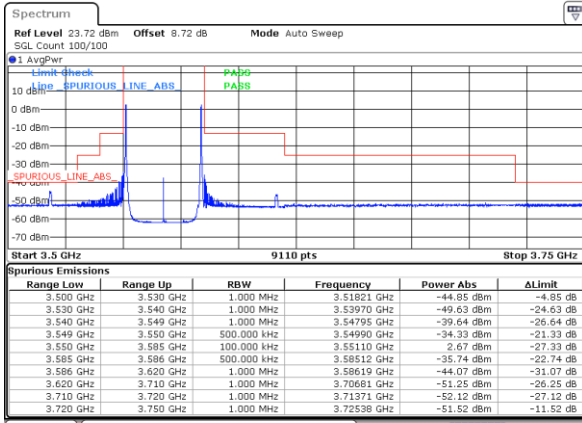




LTE Band 48C / 20MHz+15MHz

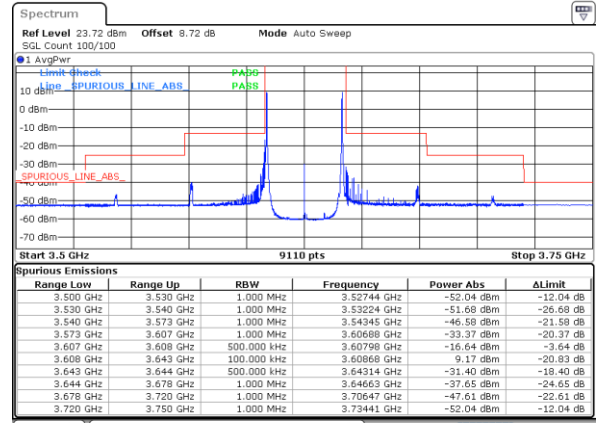
QPSK

Lowest Band Edge / 1RB0 and 1RB74



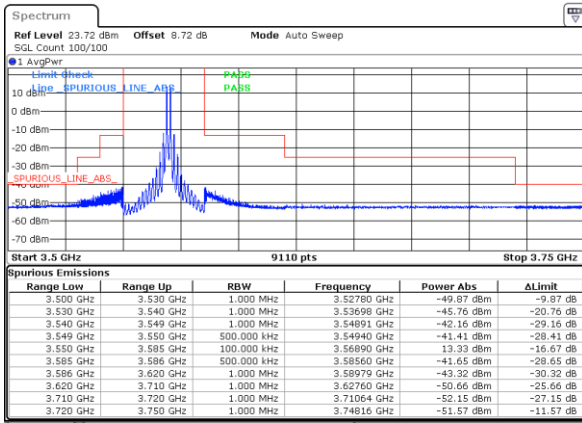
Date: 28, DEC, 2024 16:06:58

Middle Band Edge / 1RB0 and 1RB74



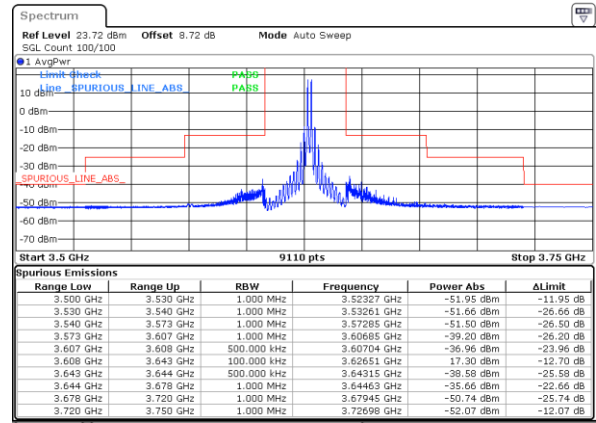
Date: 28, DEC, 2024 16:18:53

Lowest Band Edge / 1RB99 and 1RB0



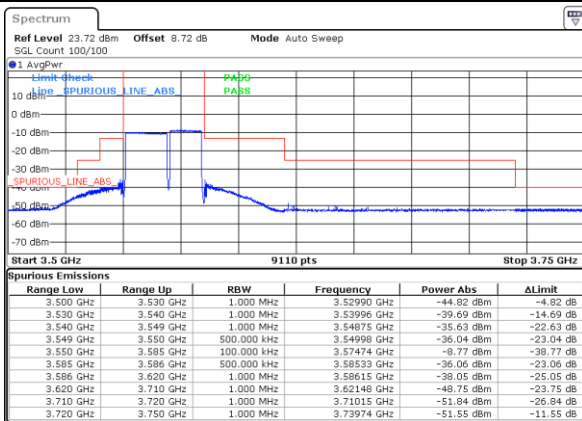
Date: 28, DEC, 2024 16:21:03

Middle Band Edge / 1RB99 and 1RB0



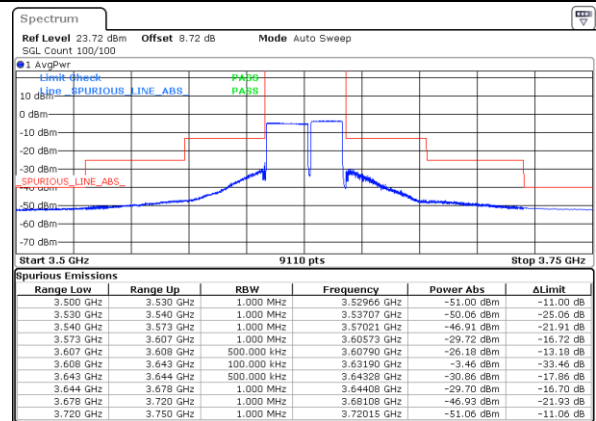
Date: 28, DEC, 2024 16:42:24

Lowest Band Edge / Full RB



Date: 28, DEC, 2024 15:58:55

Middle Band Edge / Full RB



Date: 28, DEC, 2024 16:24:47