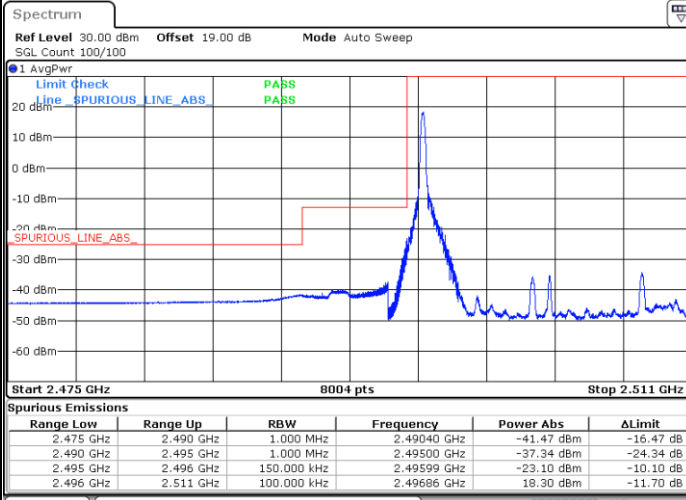




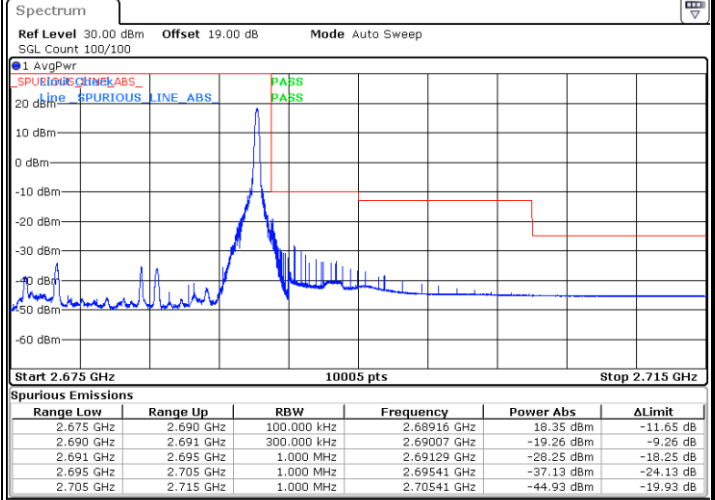
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



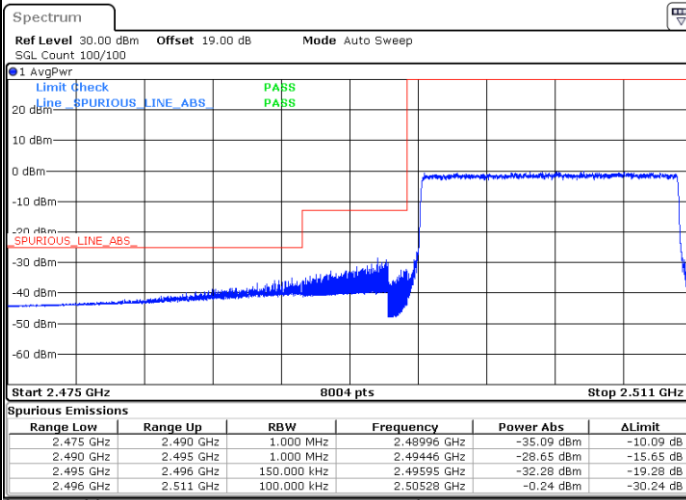
Date: 6.JAN.2025 20:44:36

Highest Band Edge / 1 RB



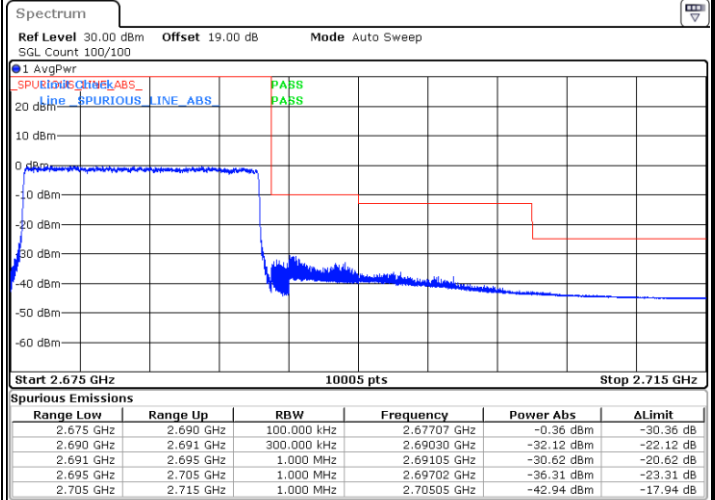
Date: 6.JAN.2025 20:53:21

Lowest Band Edge / Full RB



Date: 6.JAN.2025 20:45:27

Highest Band Edge / Full RB

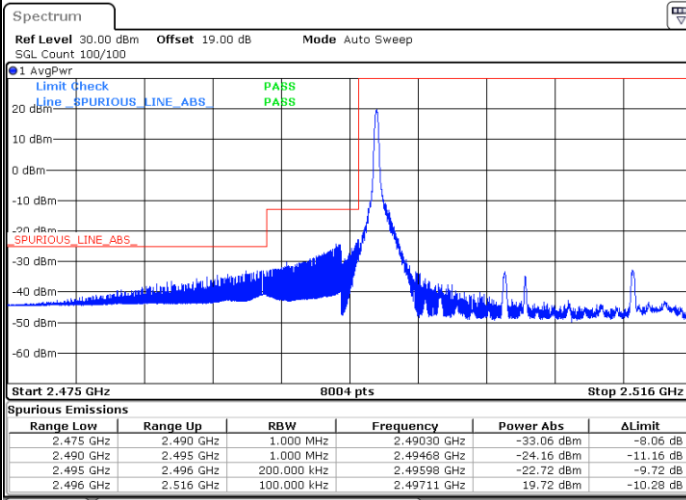


Date: 6.JAN.2025 20:54:15



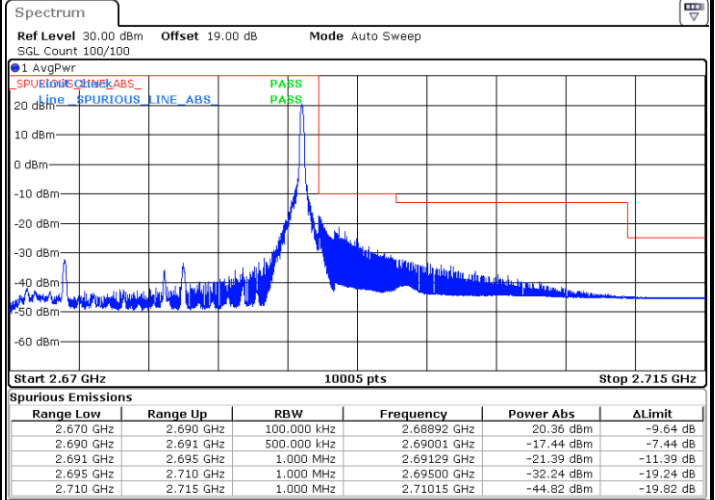
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



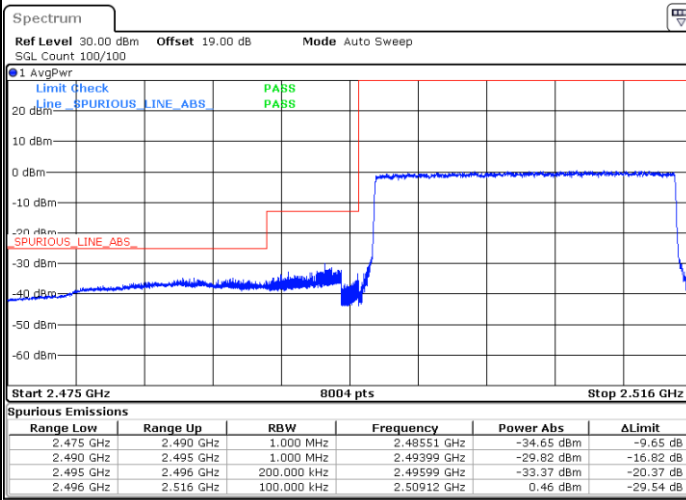
Date: 6.JAN.2025 20:58:42

Highest Band Edge / 1 RB



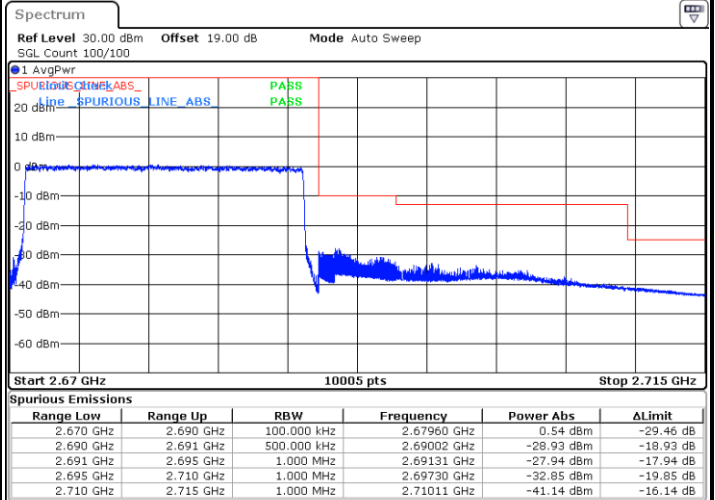
Date: 6.JAN.2025 21:08:44

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:02:59

Highest Band Edge / Full RB

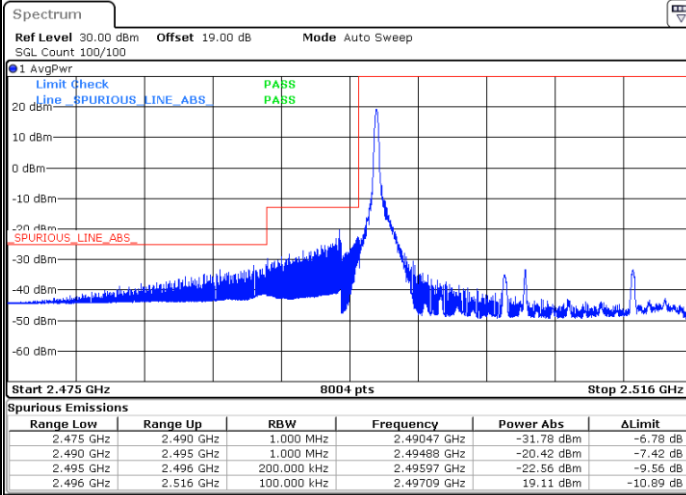


Date: 6.JAN.2025 21:13:14



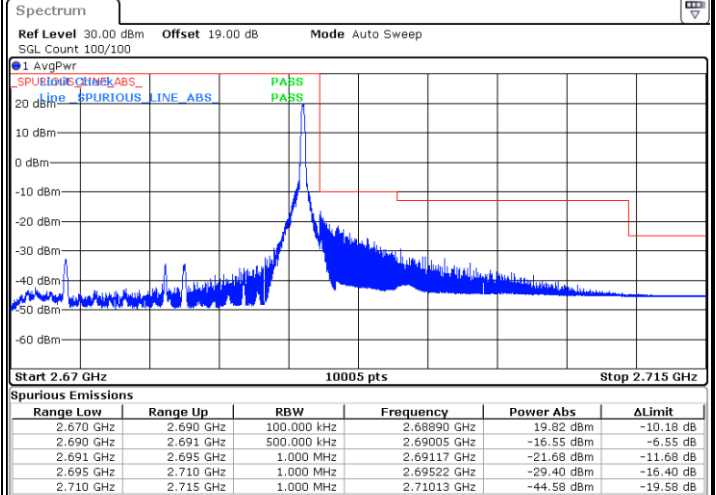
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



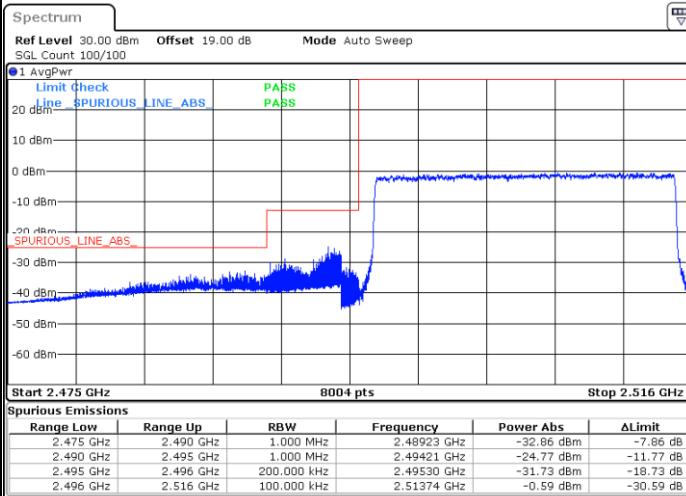
Date: 6.JAN.2025 20:59:34

Highest Band Edge / 1 RB



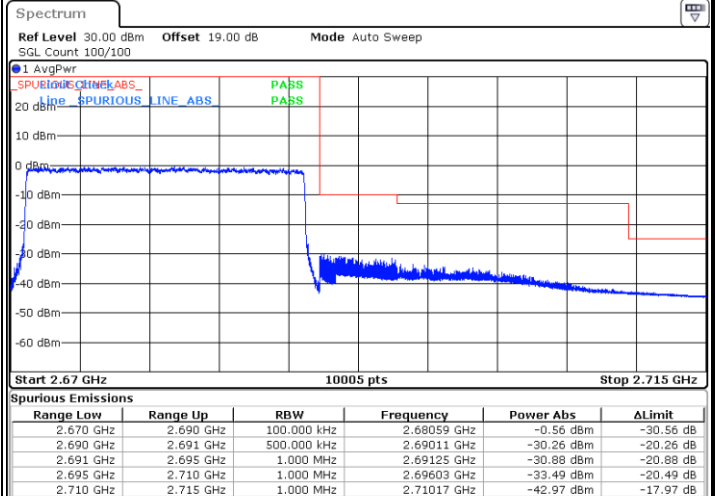
Date: 6.JAN.2025 21:09:38

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:02:08

Highest Band Edge / Full RB

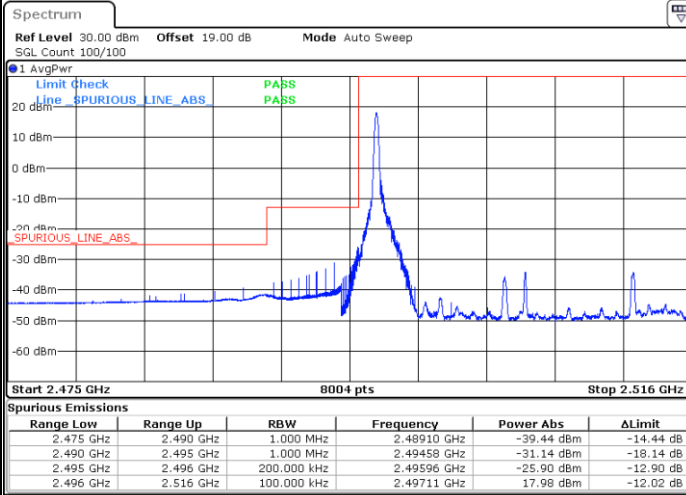


Date: 6.JAN.2025 21:12:20



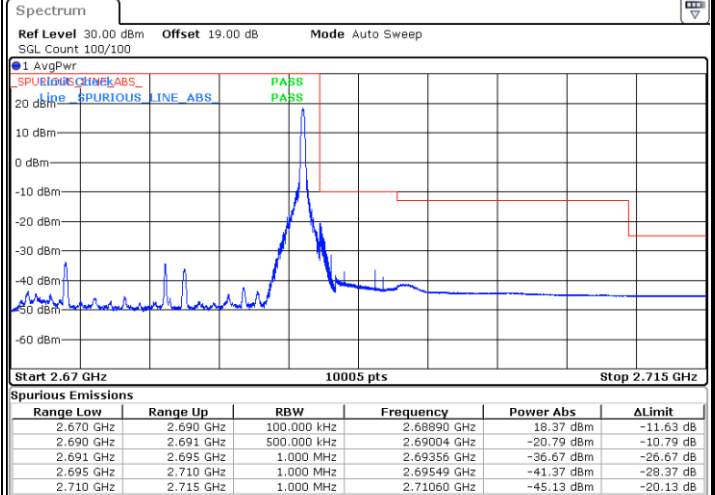
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



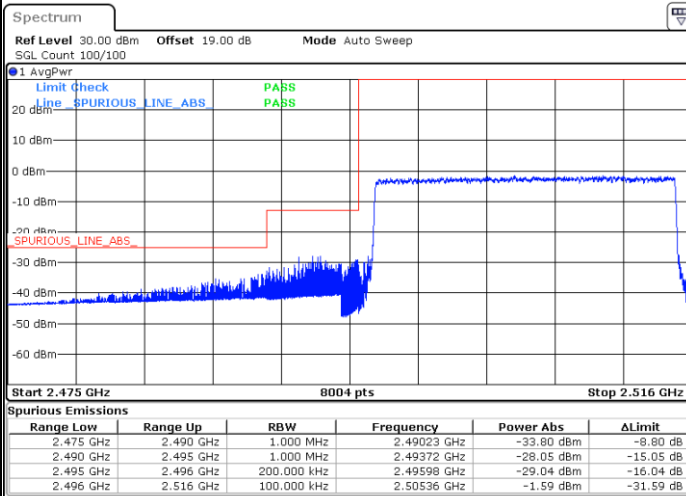
Date: 6.JAN.2025 21:00:25

Highest Band Edge / 1 RB



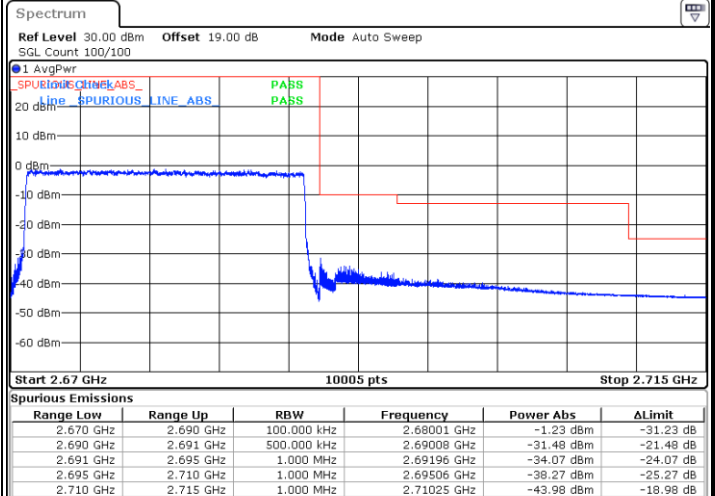
Date: 6.JAN.2025 21:10:32

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:01:17

Highest Band Edge / Full RB



Date: 6.JAN.2025 21:11:26

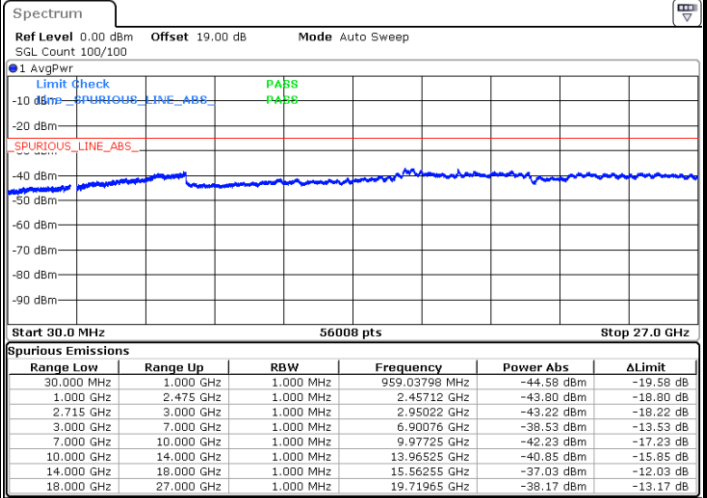
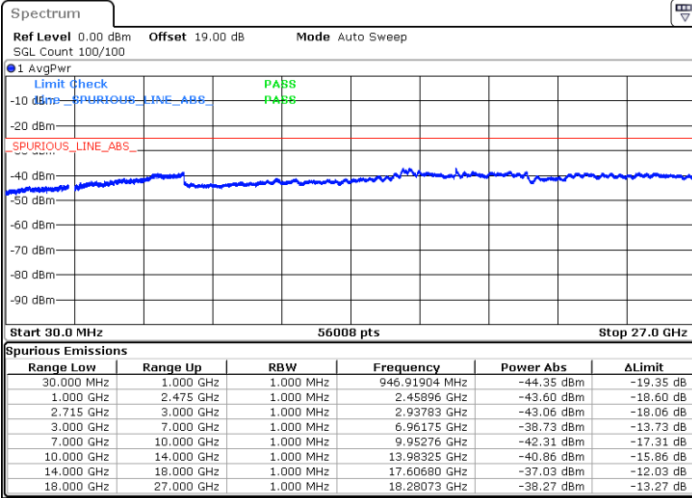


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

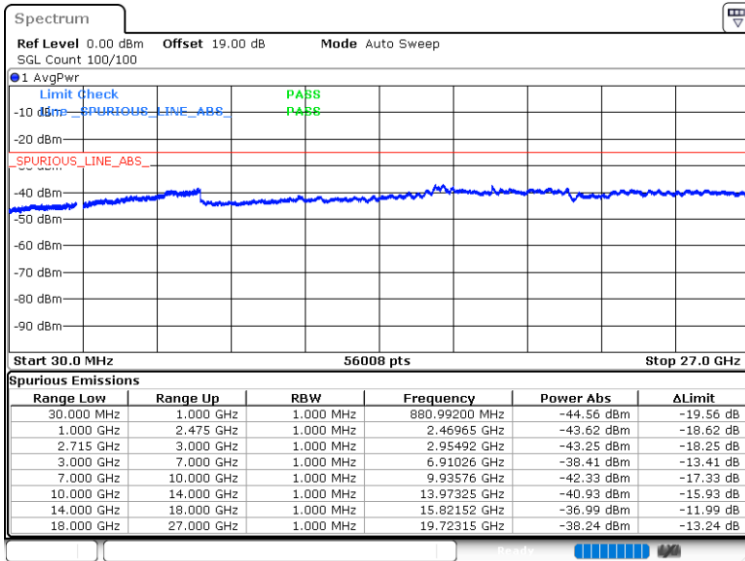
Middle Channel / QPSK



Date: 6.JAN.2025 20:15:50

Date: 6.JAN.2025 20:16:55

Highest Channel / QPSK



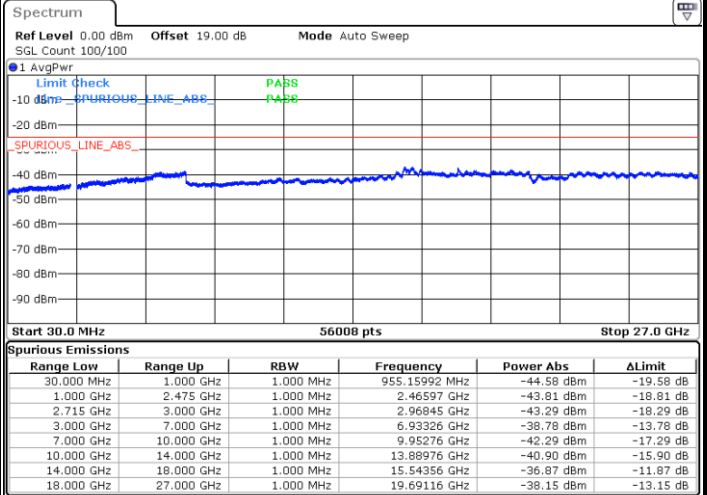
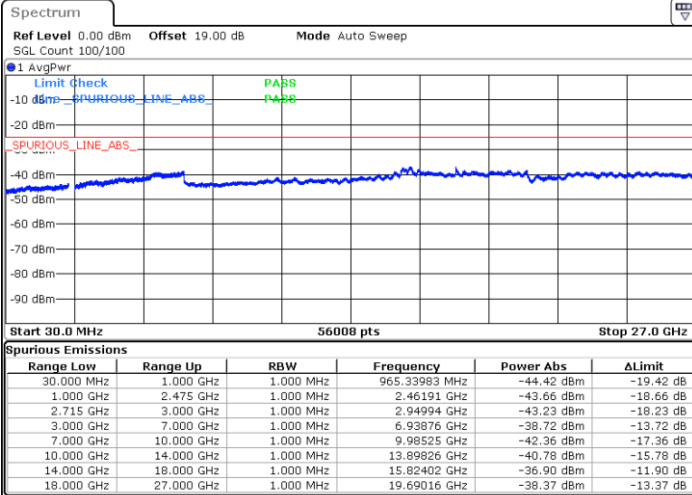
Date: 6.JAN.2025 20:25:42



LTE Band 41 / 10MHz

Lowest Channel / QPSK

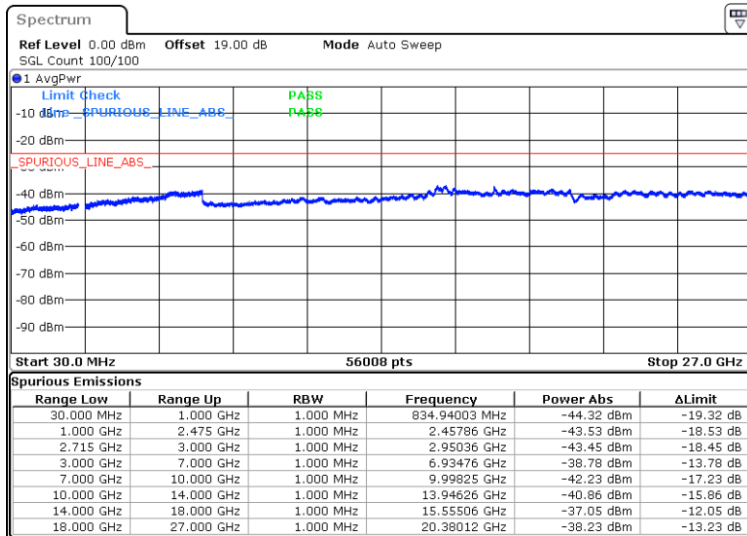
Middle Channel / QPSK



Date: 6.JAN.2025 20:32:41

Date: 6.JAN.2025 20:33:46

Highest Channel / QPSK



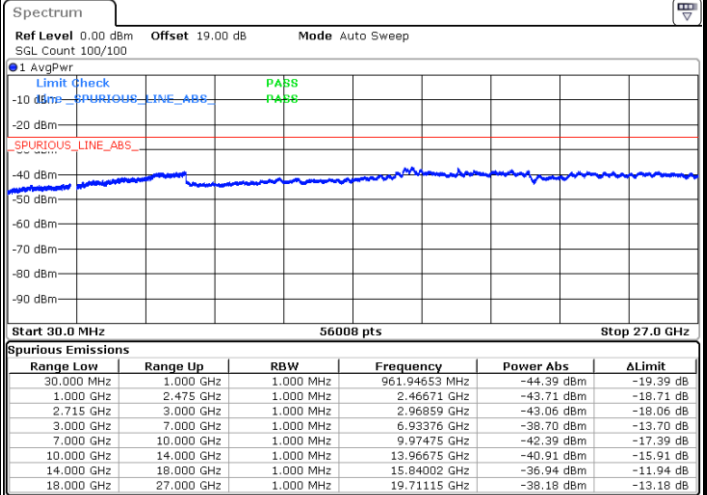
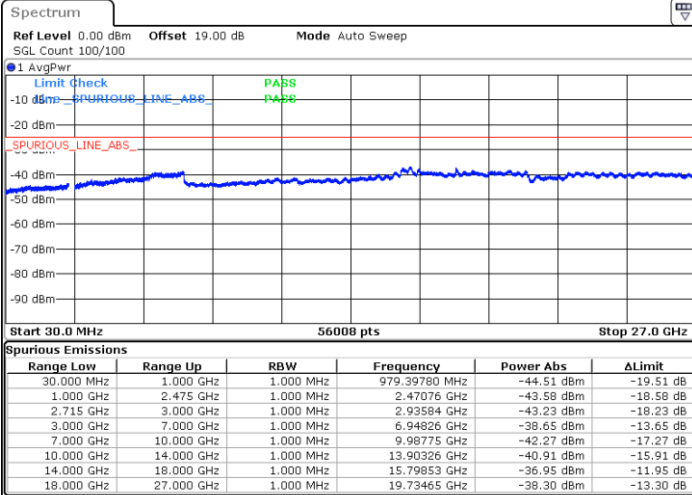
Date: 6.JAN.2025 20:41:19



LTE Band 41 / 15MHz

Lowest Channel / QPSK

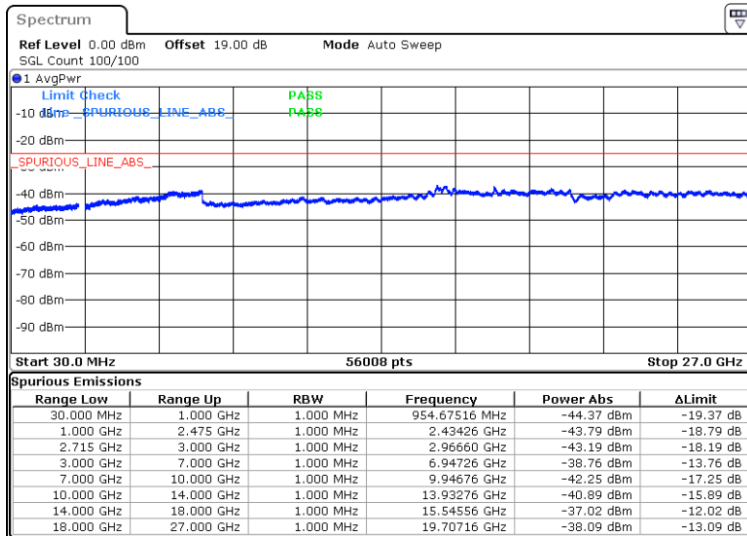
Middle Channel / QPSK



Date: 6.JAN.2025 20:48:15

Date: 6.JAN.2025 20:49:21

Highest Channel / QPSK



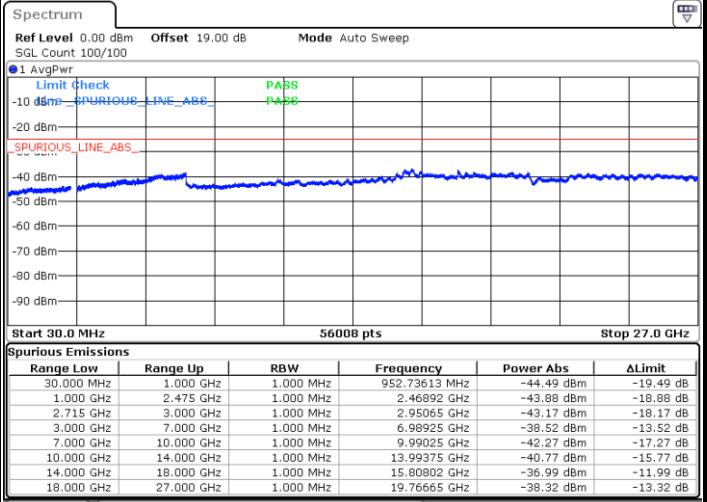
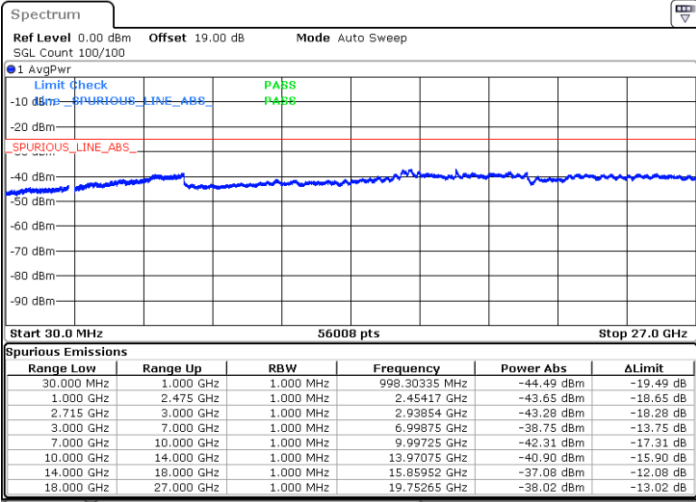
Date: 6.JAN.2025 20:57:08



LTE Band 41 / 20MHz

Lowest Channel / QPSK

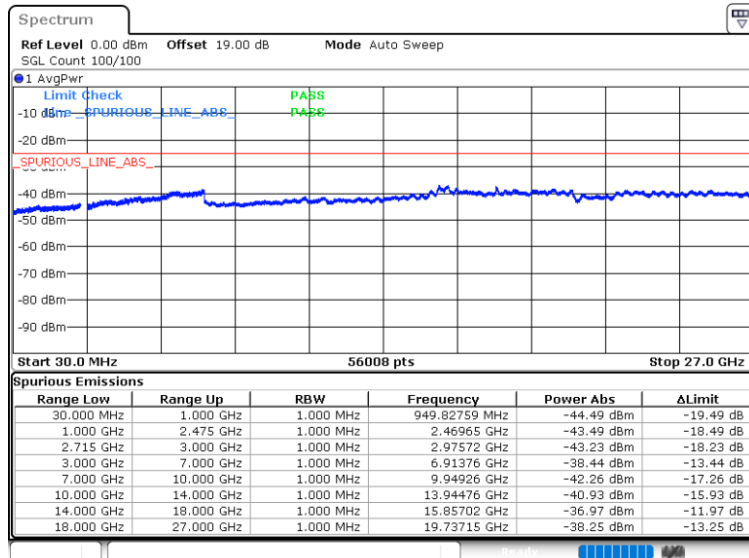
Middle Channel / QPSK



Date: 6.JAN.2025 21:04:05

Date: 6.JAN.2025 21:05:10

Highest Channel / QPSK



Date: 6.JAN.2025 21:14:21



Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0002	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0006	
-30	Normal Voltage	0.0012	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.21	25.62	30.51	35.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.18	40.12	

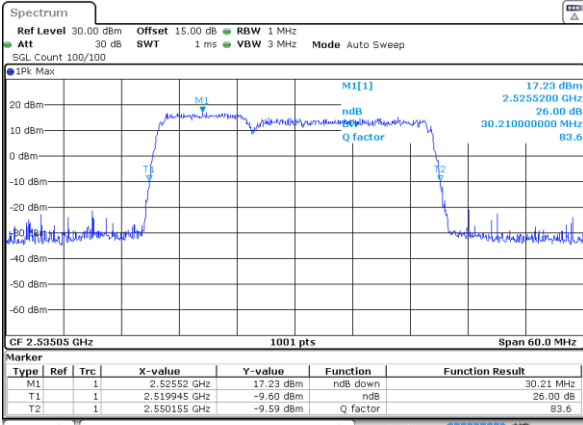
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.15	25.48	30.57	35.11
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	40.12	



LTE Band 7C

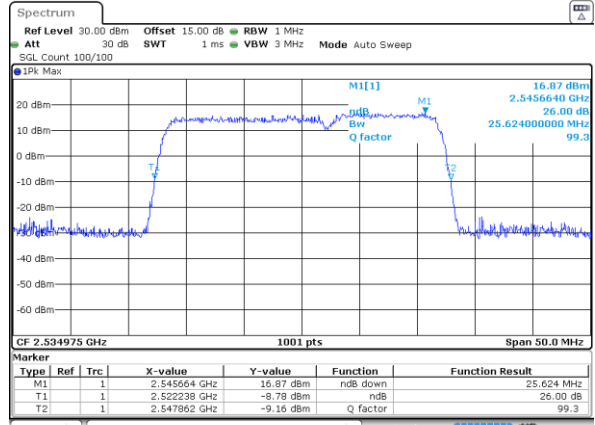
QPSK

Middle Channel / 10MHz+20MHz



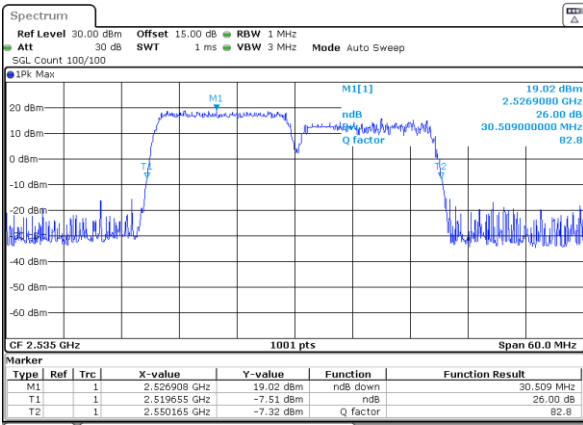
Date: 28 DEC 2024 22:13:14

Middle Channel / 15MHz+10MHz



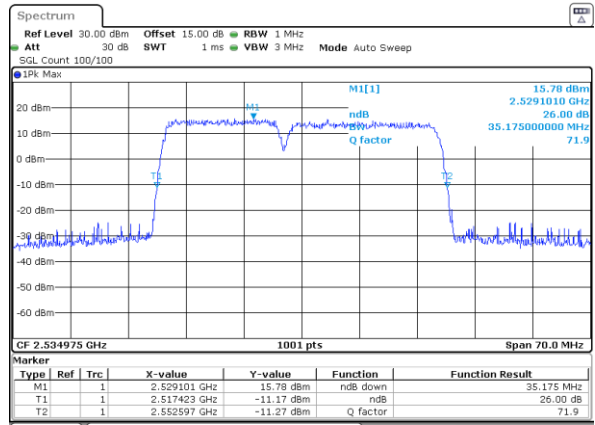
Date: 29 DEC 2024 00:45:16

Middle Channel / 15MHz+15MHz



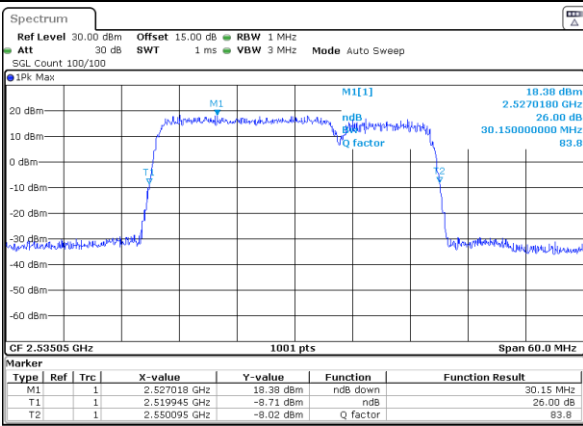
Date: 28 DEC 2024 23:12:26

Middle Channel / 15MHz+20MHz



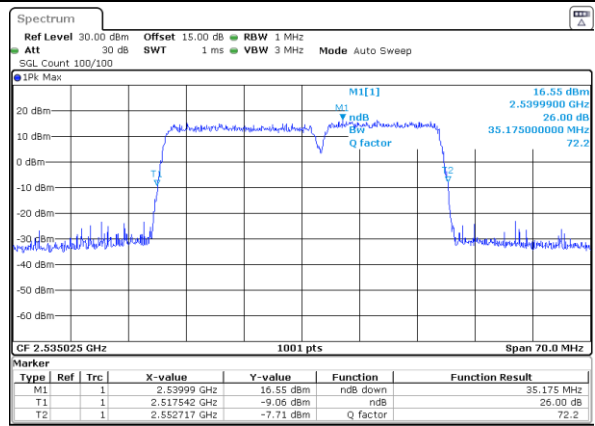
Date: 28 DEC 2024 23:37:39

Middle Channel / 20MHz+10MHz



Date: 28 DEC 2024 22:34:33

Middle Channel / 20MHz+15MHz



Date: 29 DEC 2024 00:00:03

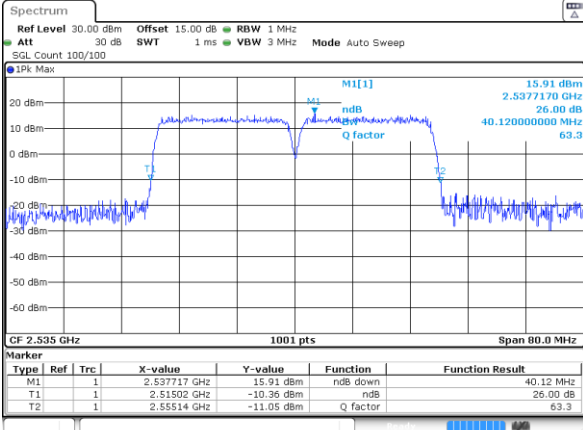


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



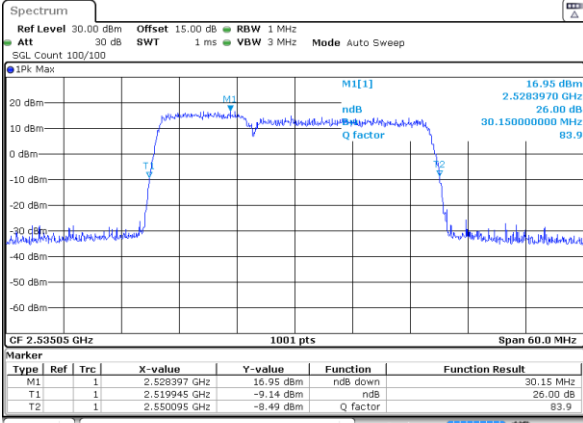
Date: 29 DEC 2024 00:24:10



LTE Band 7C

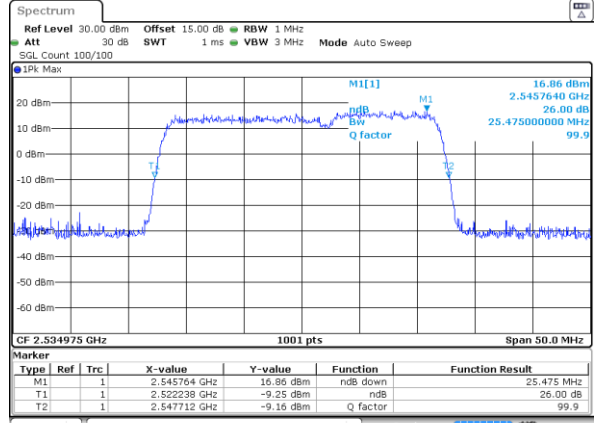
16QAM

Middle Channel / 10MHz+20MHz



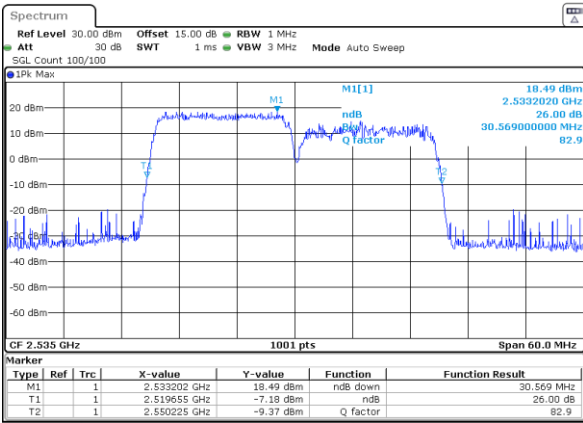
Date: 28 DEC 2024 22:13:44

Middle Channel / 15MHz+10MHz



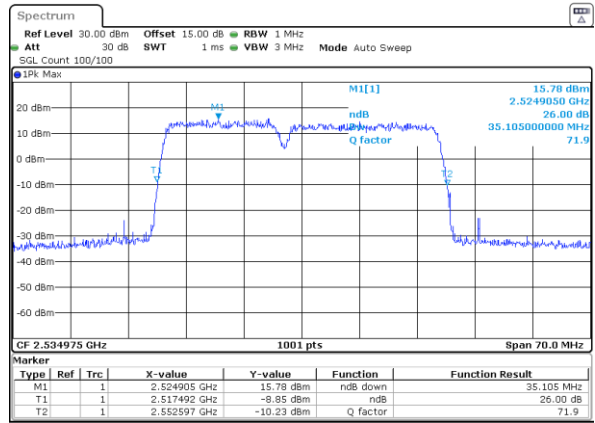
Date: 29 DEC 2024 00:45:45

Middle Channel / 15MHz+15MHz



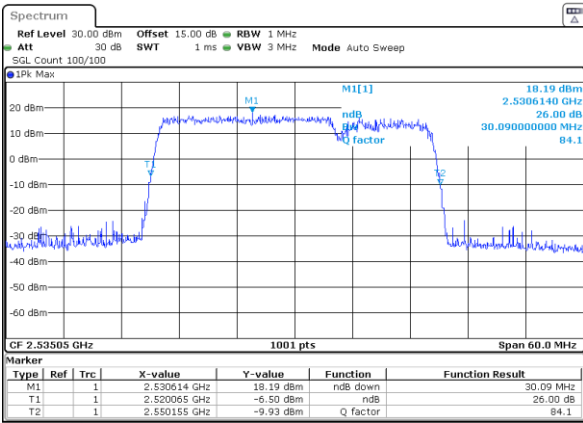
Date: 28 DEC 2024 23:12:54

Middle Channel / 15MHz+20MHz



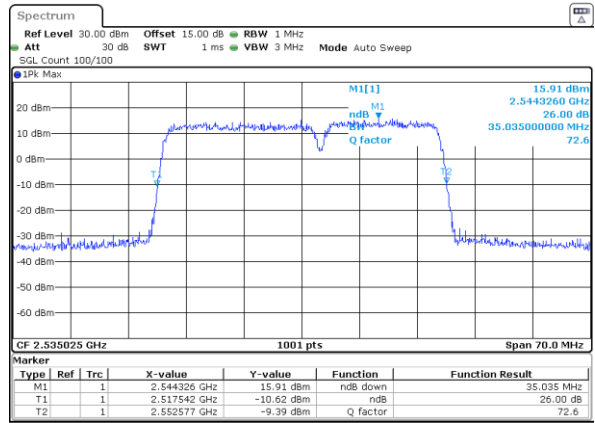
Date: 28 DEC 2024 23:38:08

Middle Channel / 20MHz+10MHz



Date: 28 DEC 2024 22:35:02

Middle Channel / 20MHz+15MHz



Date: 29 DEC 2024 00:00:32

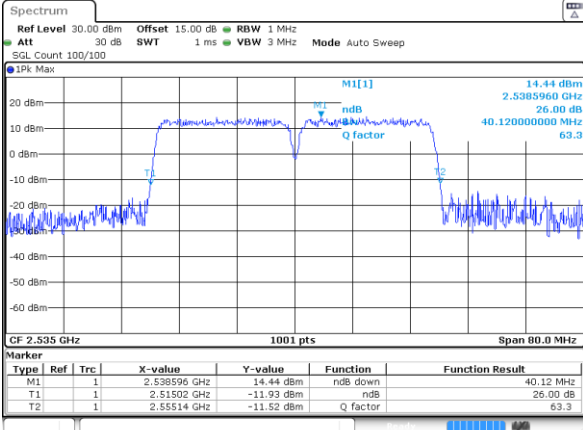


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 29 DEC 2024 00:24:37



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.63	28.59	32.94
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.64	

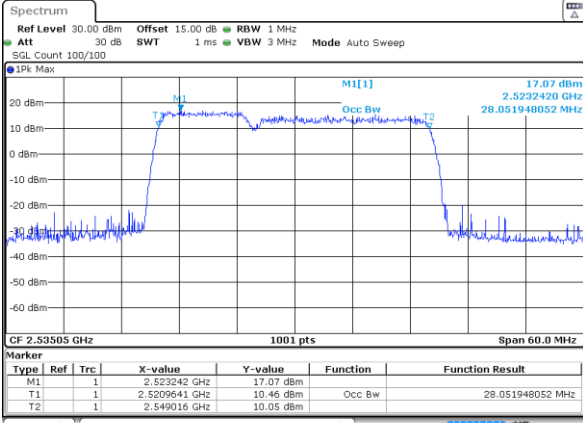
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.11	23.53	28.47	32.87
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.99	32.87	37.80	



LTE Band 7C

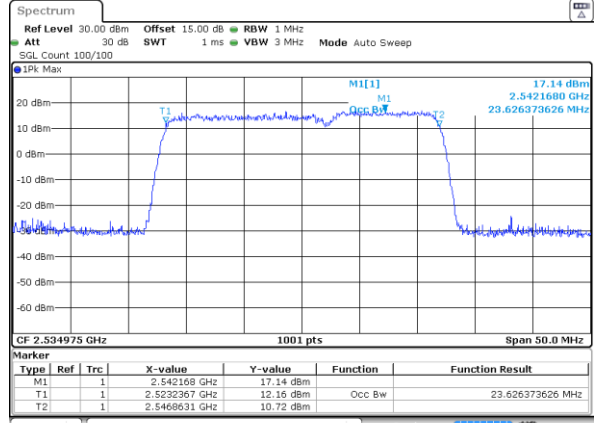
QPSK

Middle Channel / 10MHz+20MHz



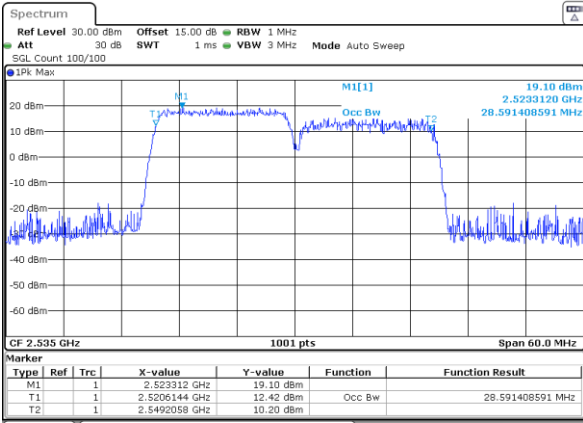
Date: 28 DEC 2024 22:12:45

Middle Channel / 15MHz+10MHz



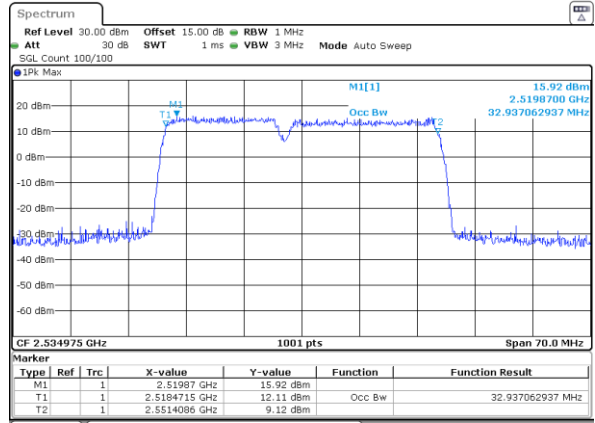
Date: 29 DEC 2024 00:44:47

Middle Channel / 15MHz+15MHz



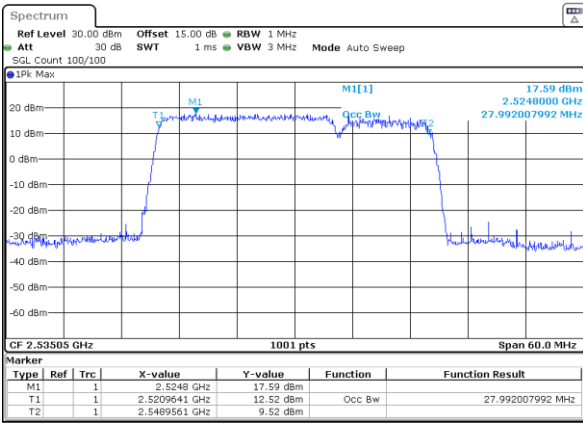
Date: 28 DEC 2024 23:11:59

Middle Channel / 15MHz+20MHz



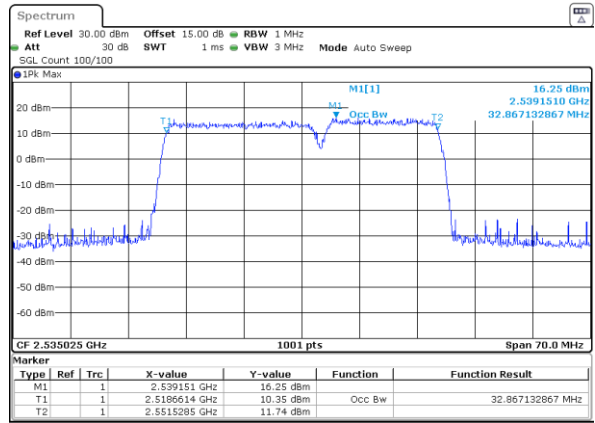
Date: 28 DEC 2024 23:37:10

Middle Channel / 20MHz+10MHz



Date: 28 DEC 2024 22:34:04

Middle Channel / 20MHz+15MHz



Date: 28 DEC 2024 23:59:34

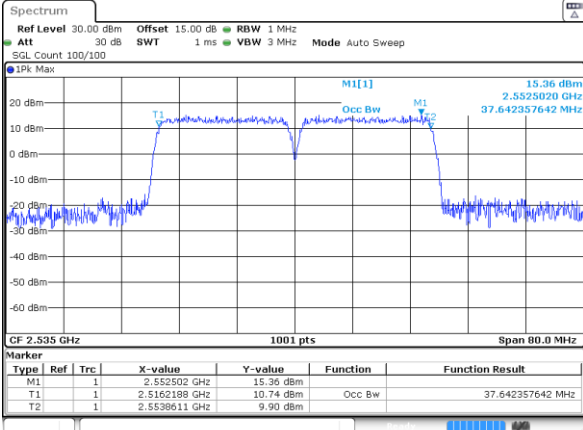


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



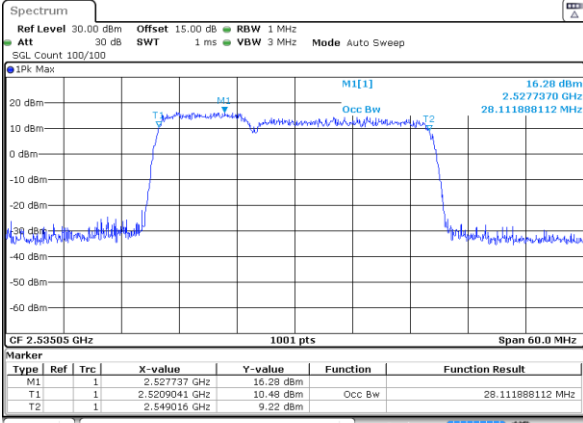
Date: 29 DEC 2024 00:23:42



LTE Band 7C

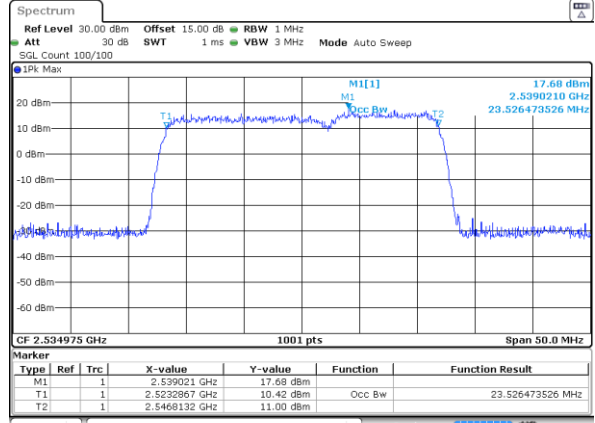
16QAM

Middle Channel / 10MHz+20MHz



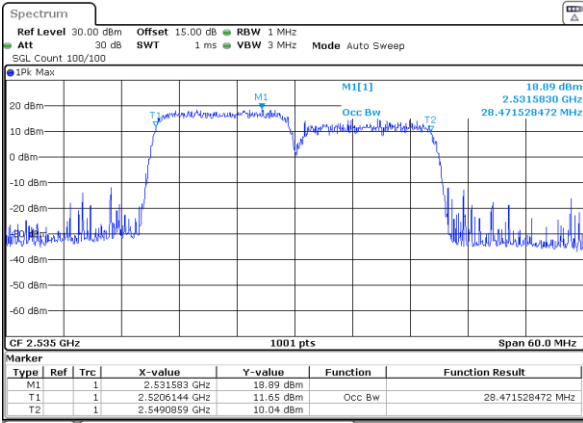
Date: 28 DEC 2024 22:14:13

Middle Channel / 15MHz+10MHz



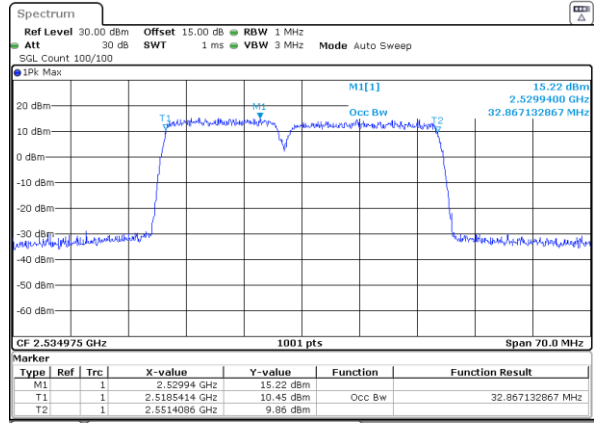
Date: 29 DEC 2024 00:46:14

Middle Channel / 15MHz+15MHz



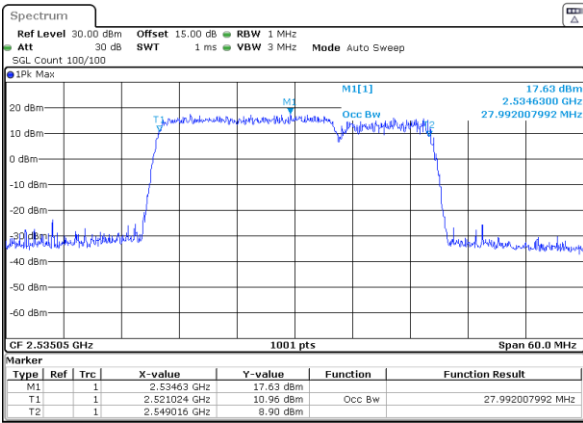
Date: 28 DEC 2024 23:13:21

Middle Channel / 15MHz+20MHz



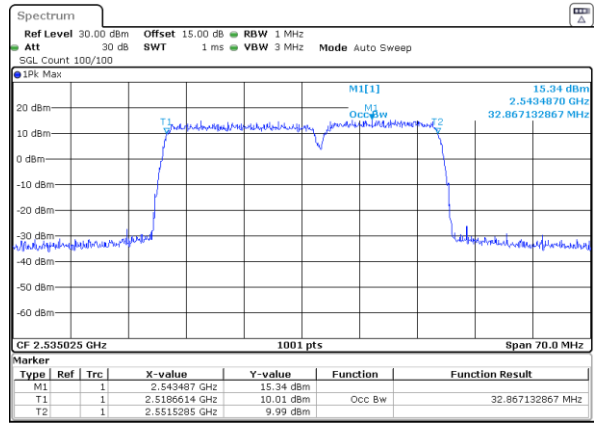
Date: 28 DEC 2024 23:38:37

Middle Channel / 20MHz+10MHz



Date: 28 DEC 2024 22:35:31

Middle Channel / 20MHz+15MHz



Date: 29 DEC 2024 00:01:01

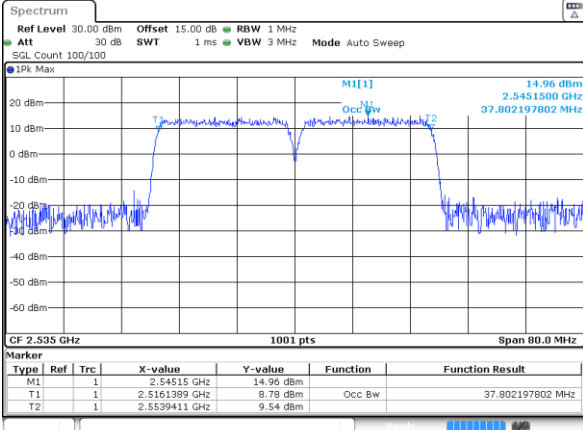


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 29 DEC 2024 00:25:04

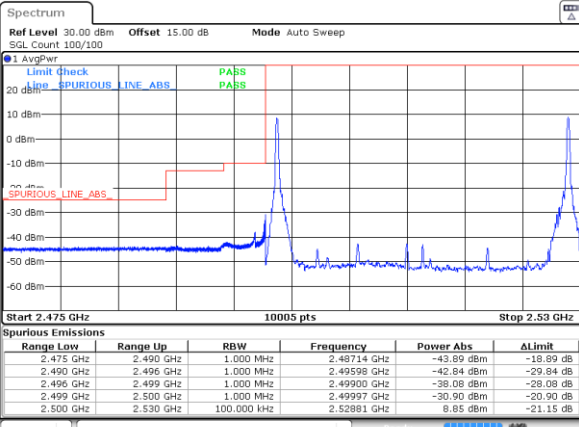


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

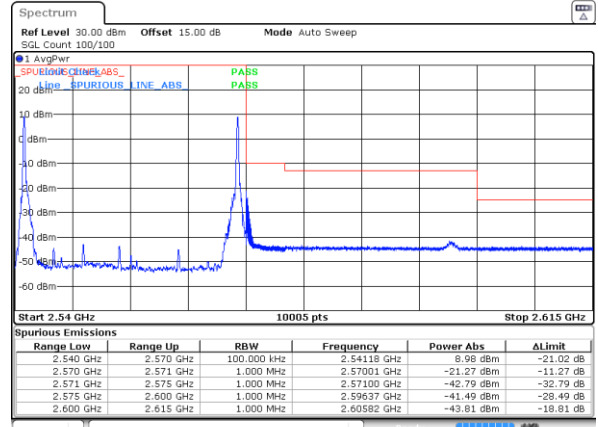
QPSK

Lowest Band Edge / 1RB0 and 1RB9



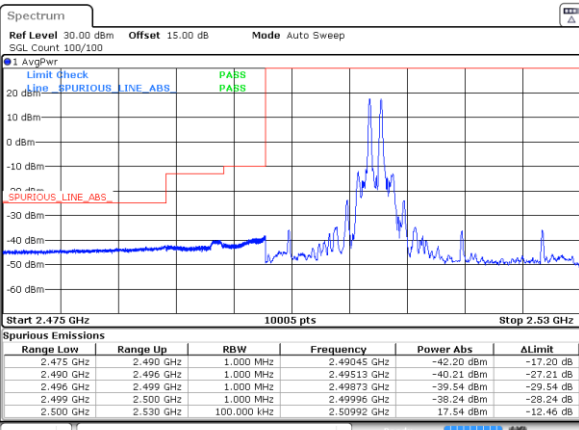
Date: 28 DEC 2024 22:21:54

Highest Band Edge / 1RB0 and 1RB9



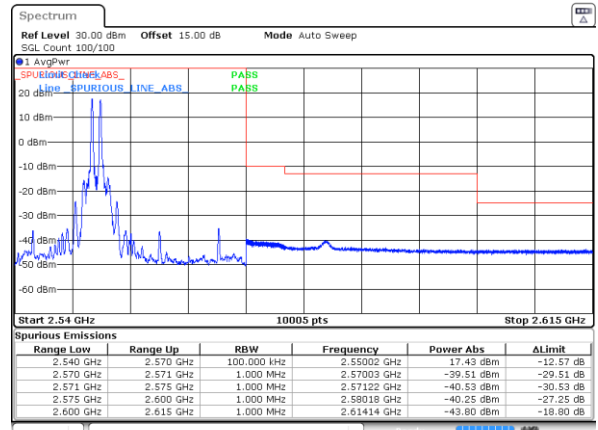
Date: 28 DEC 2024 22:28:06

Lowest Band Edge / 1RB49 and 1RB0



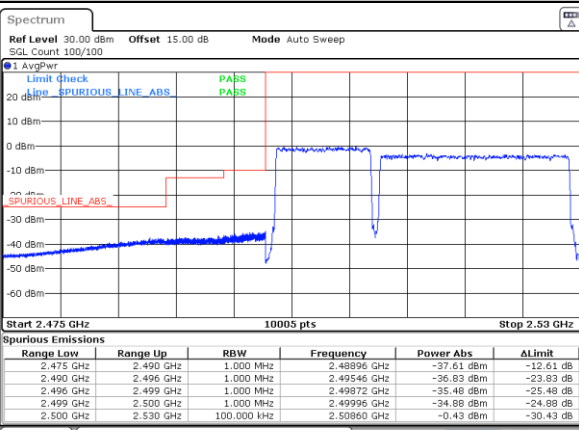
Date: 28 DEC 2024 22:17:44

Highest Band Edge / 1RB49 and 1RB0



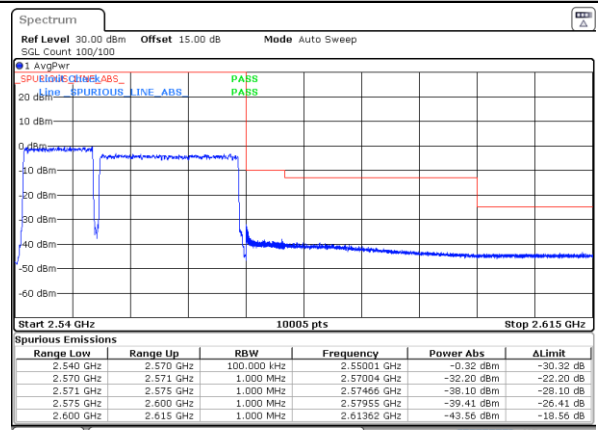
Date: 28 DEC 2024 22:32:14

Lowest Band Edge / Full RB



Date: 28 DEC 2024 22:22:44

Highest Band Edge / Full RB



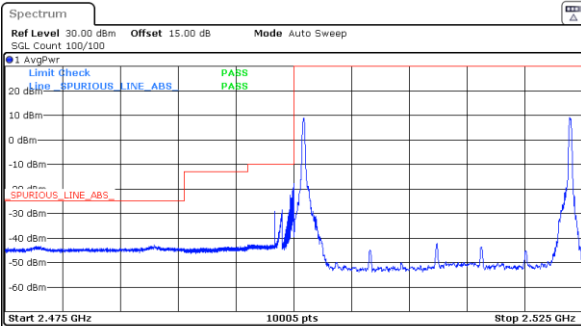
Date: 28 DEC 2024 22:27:17



LTE Band 7C / 15MHz+10MHz

QPSK

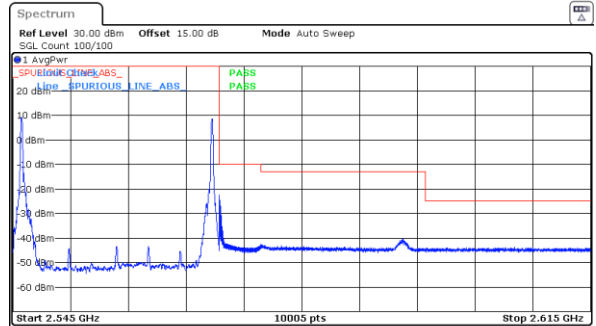
Lowest Band Edge / 1RB0 and 1RB49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.4929 GHz	-42.91 dBm	-17.91 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.4977 GHz	-43.56 dBm	-30.56 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.4990 GHz	-28.41 dBm	-18.41 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.4999 GHz	-17.86 dBm	-7.86 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.5288 GHz	9.07 dBm	-20.93 dB

Date: 29 DEC 2024 00:53:34

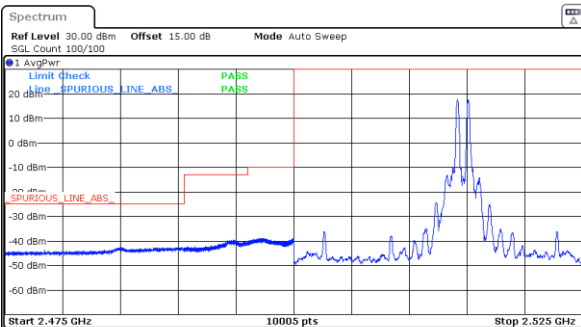
Highest Band Edge / 1RB0 and 1RB49



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.5603 GHz	9.14 dBm	-20.86 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.5700 GHz	-22.67 dBm	-12.67 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.5710 GHz	-42.61 dBm	-32.61 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.5924 GHz	-40.49 dBm	-27.49 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.6057 GHz	-43.86 dBm	-18.86 dB

Date: 29 DEC 2024 00:58:47

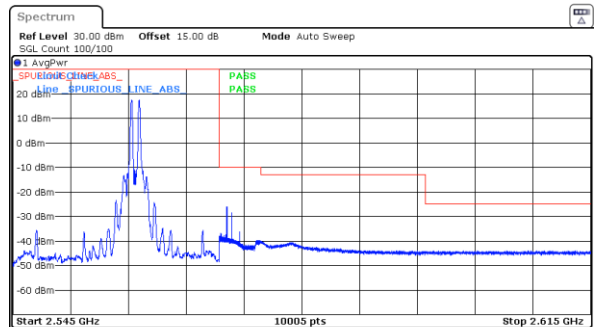
Lowest Band Edge / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49029 GHz	-42.66 dBm	-17.66 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49477 GHz	-39.42 dBm	-26.42 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49720 GHz	-38.93 dBm	-28.93 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49999 GHz	-38.91 dBm	-28.91 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.51417 GHz	17.63 dBm	-12.37 dB

Date: 29 DEC 2024 00:49:24

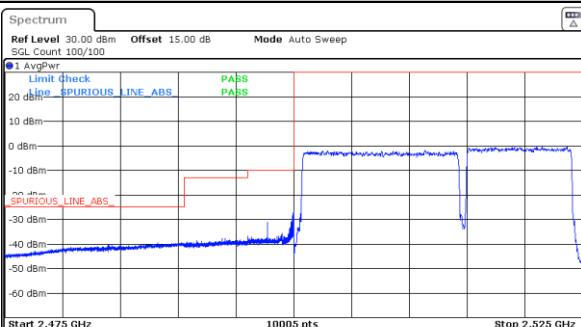
Highest Band Edge / 1RB74 and 1RB0



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.55939 GHz	17.61 dBm	-12.39 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57086 GHz	-26.02 dBm	-16.02 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57150 GHz	-28.40 dBm	-18.40 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57504 GHz	-40.06 dBm	-27.06 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.60847 GHz	-43.88 dBm	-18.88 dB

Date: 29 DEC 2024 01:03:56

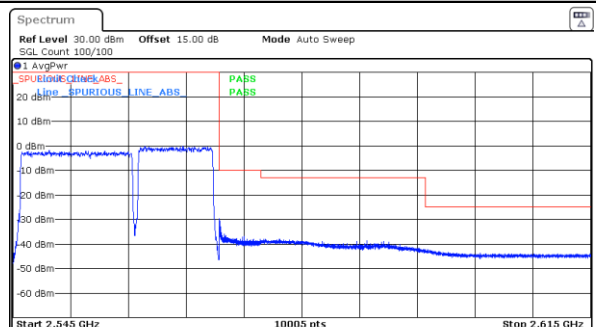
Lowest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.475 GHz	2.490 GHz	1.000 MHz	2.49029 GHz	-39.49 dBm	-14.49 dB
2.490 GHz	2.496 GHz	1.000 MHz	2.49379 GHz	-37.62 dBm	-24.62 dB
2.496 GHz	2.499 GHz	1.000 MHz	2.49771 GHz	-31.26 dBm	-21.26 dB
2.499 GHz	2.500 GHz	1.000 MHz	2.49997 GHz	-26.75 dBm	-16.75 dB
2.500 GHz	2.525 GHz	100.000 kHz	2.51910 GHz	-0.45 dBm	-30.45 dB

Date: 29 DEC 2024 00:54:24

Highest Band Edge / Full RB



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
2.545 GHz	2.570 GHz	100.000 kHz	2.56105 GHz	-0.23 dBm	-30.23 dB
2.570 GHz	2.571 GHz	1.000 MHz	2.57000 GHz	-29.77 dBm	-19.77 dB
2.571 GHz	2.575 GHz	1.000 MHz	2.57206 GHz	-36.84 dBm	-26.84 dB
2.575 GHz	2.595 GHz	1.000 MHz	2.57557 GHz	-37.92 dBm	-24.92 dB
2.595 GHz	2.615 GHz	1.000 MHz	2.59522 GHz	-42.38 dBm	-17.38 dB

Date: 29 DEC 2024 00:58:57

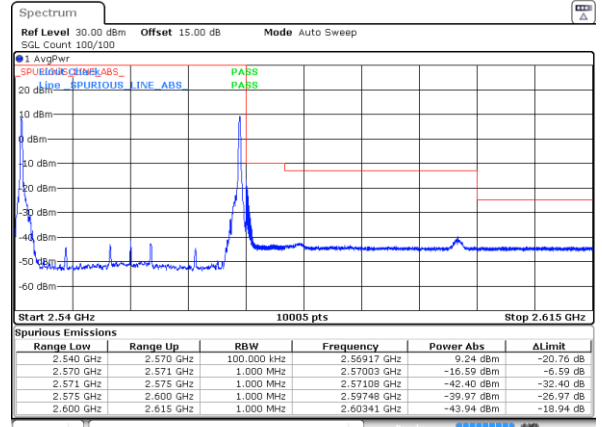
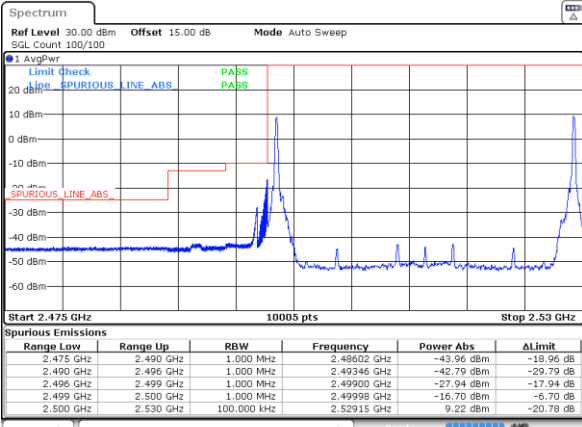


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

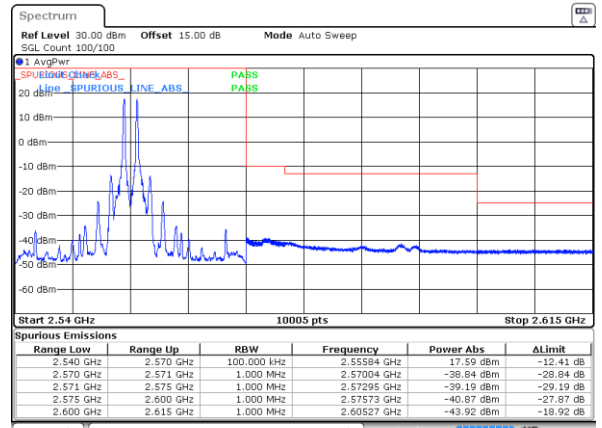
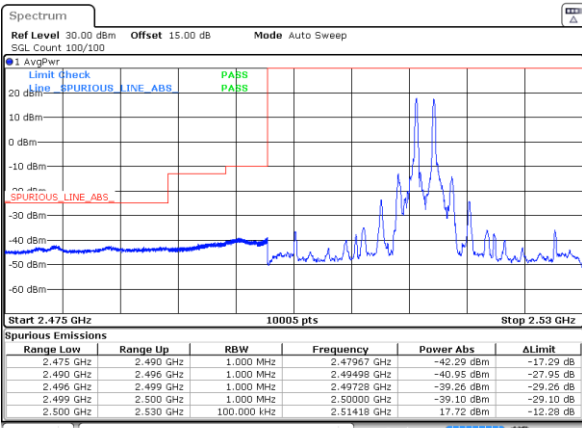


Date: 28 DEC 2024 23:23:35

Date: 28 DEC 2024 23:28:43

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

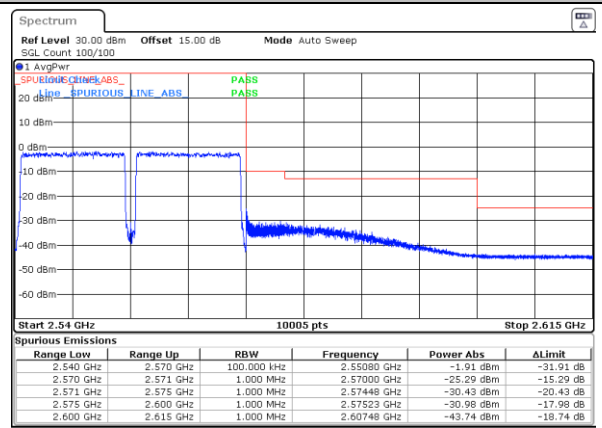
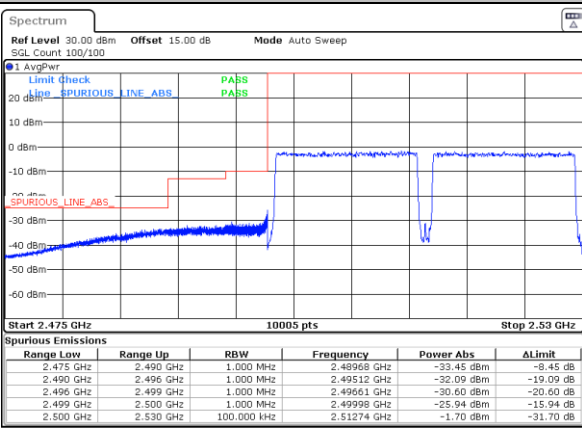


Date: 28 DEC 2024 23:19:35

Date: 28 DEC 2024 23:33:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 DEC 2024 23:24:24

Date: 28 DEC 2024 23:28:55

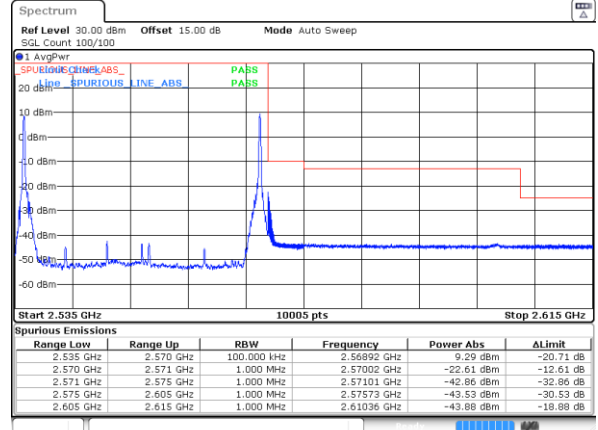
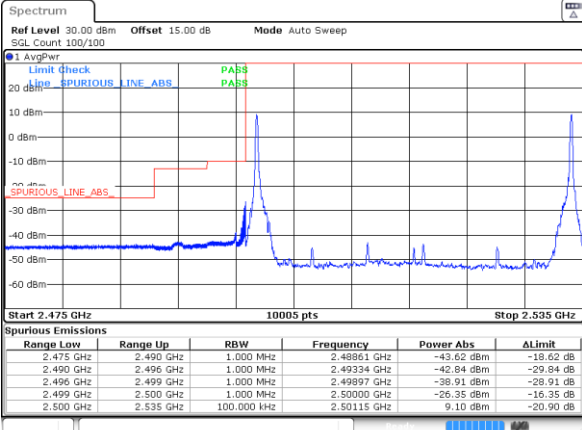


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

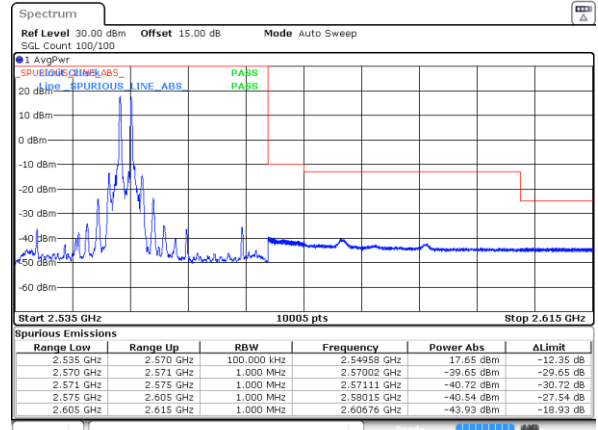
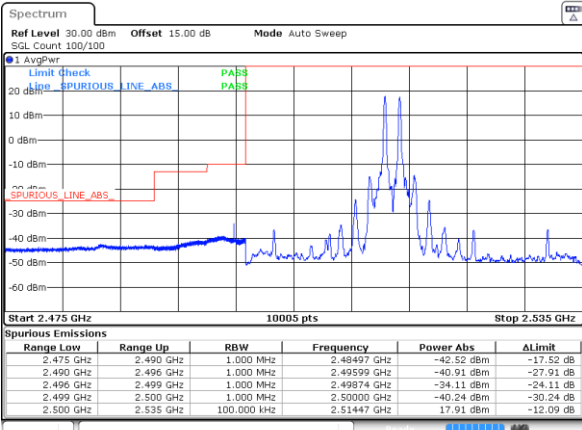


Date: 28 DEC 2024 23:46:19

Date: 28 DEC 2024 23:52:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

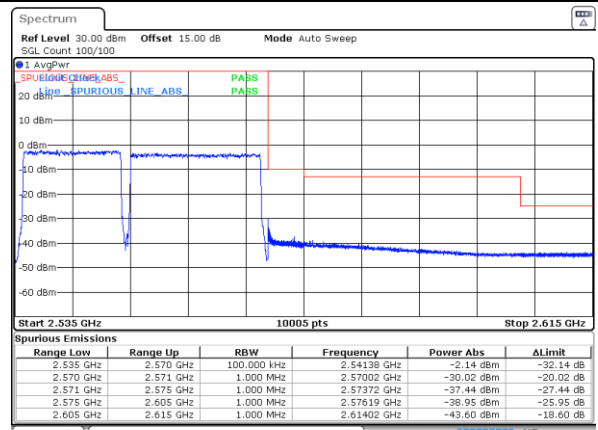
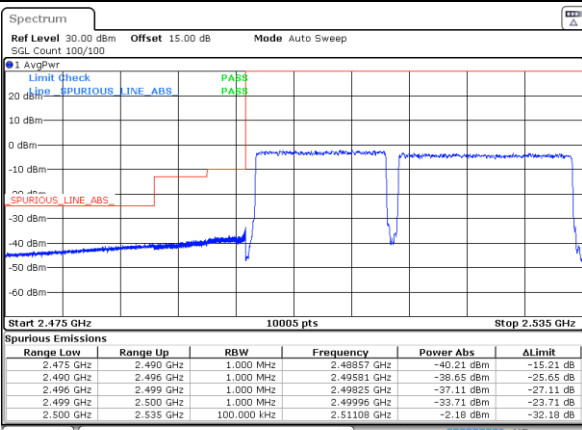


Date: 28 DEC 2024 23:42:10

Date: 28 DEC 2024 23:56:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 DEC 2024 23:47:09

Date: 28 DEC 2024 23:51:44

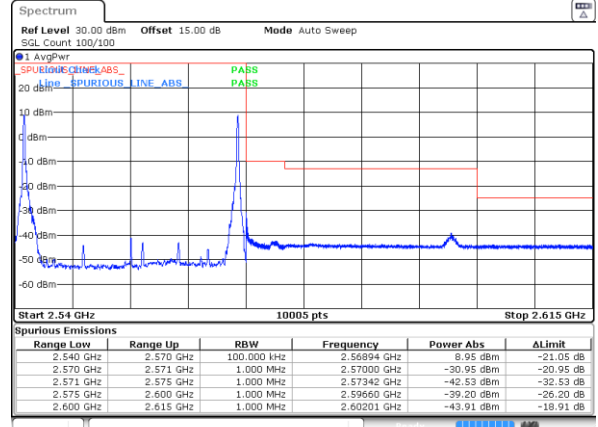
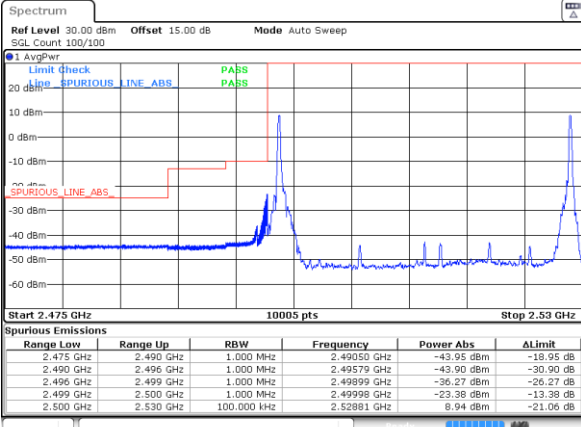


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

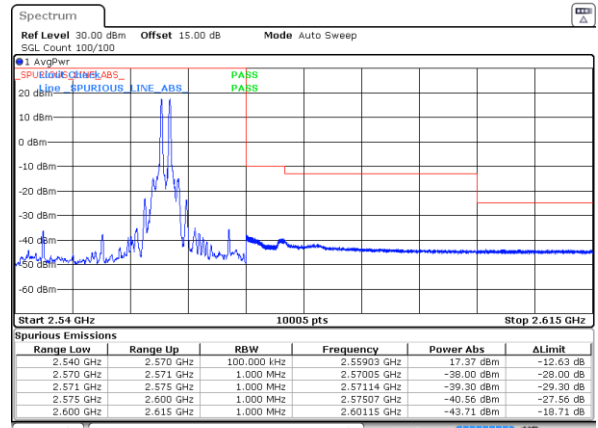
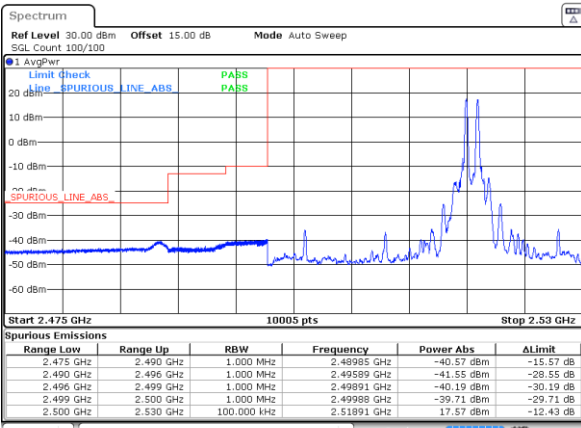


Date: 28 DEC 2024 22:59:51

Date: 28 DEC 2024 23:05:39

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

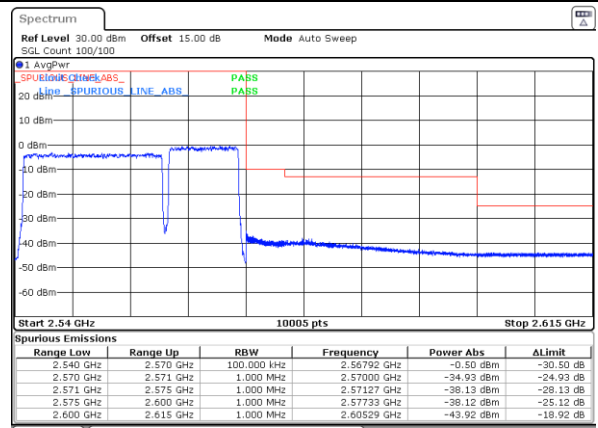
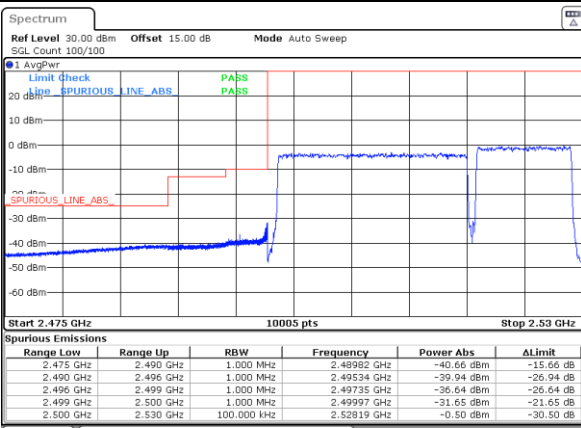


Date: 28 DEC 2024 22:55:42

Date: 28 DEC 2024 23:09:47

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 DEC 2024 23:00:41

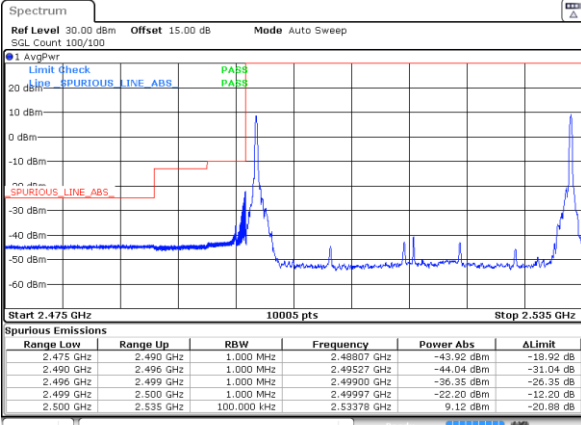
Date: 28 DEC 2024 23:04:50



LTE Band 7C / 20MHz+15MHz

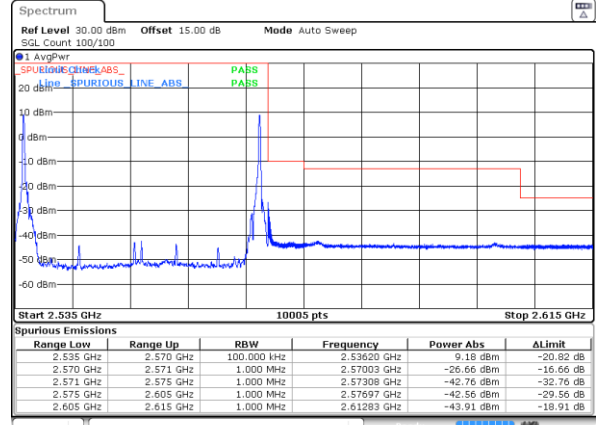
QPSK

Lowest Band Edge / 1RB0 and 1RB74



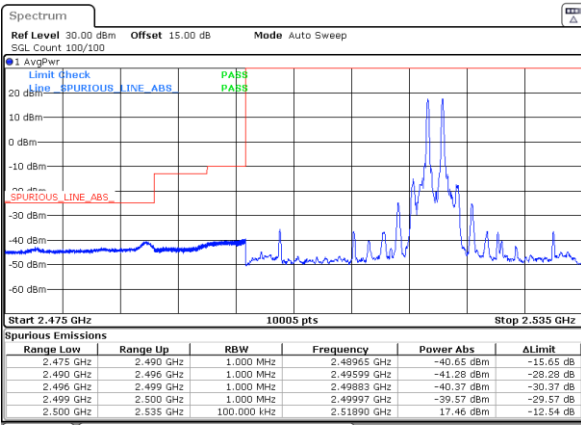
Date: 29 DEC 2024 00:08:19

Highest Band Edge / 1RB0 and 1RB74



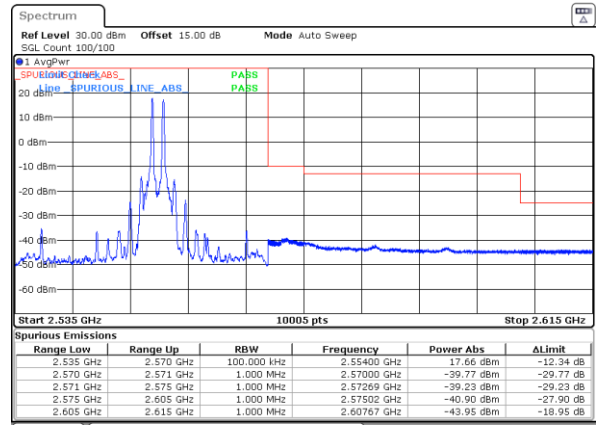
Date: 29 DEC 2024 00:14:38

Lowest Band Edge / 1RB99 and 1RB0



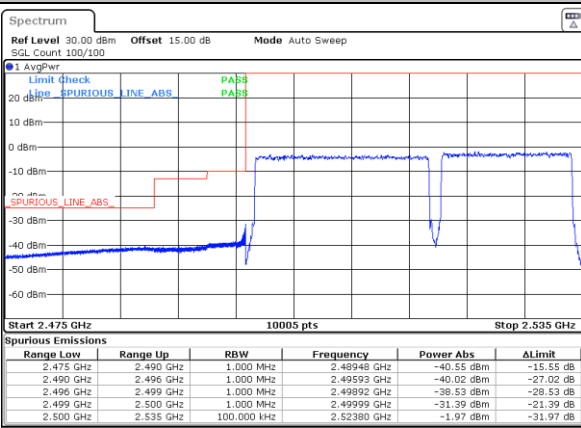
Date: 29 DEC 2024 00:04:10

Highest Band Edge / 1RB99 and 1RB0



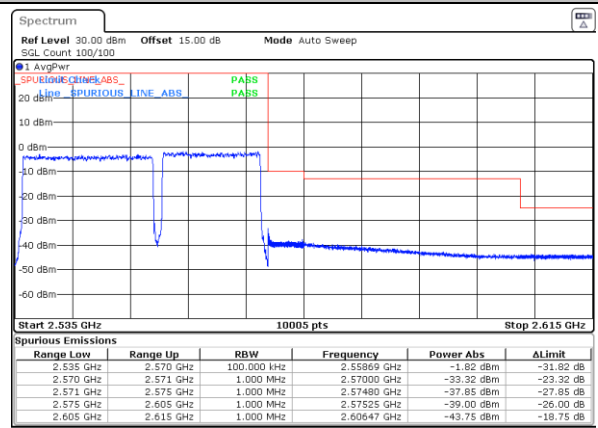
Date: 29 DEC 2024 00:18:46

Lowest Band Edge / Full RB



Date: 29 DEC 2024 00:09:09

Highest Band Edge / Full RB



Date: 29 DEC 2024 00:13:49

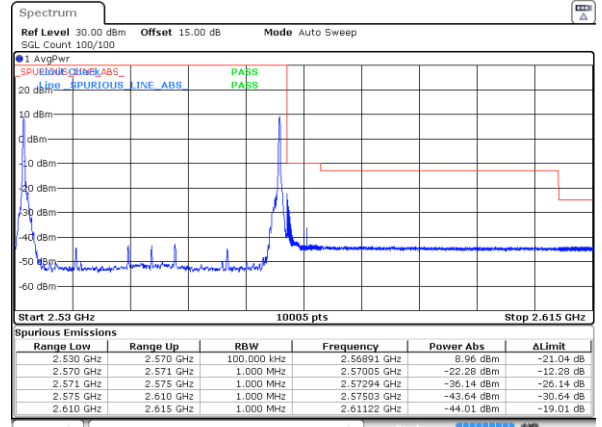
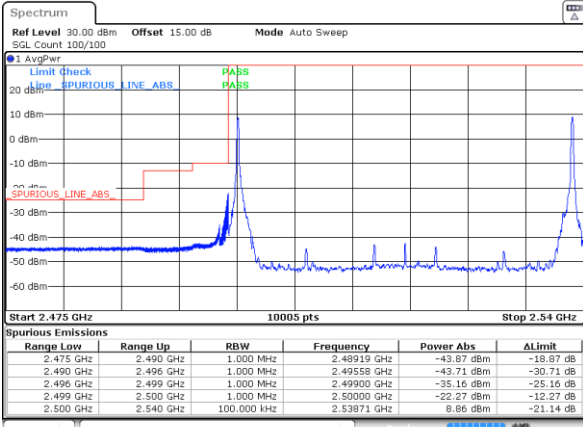


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

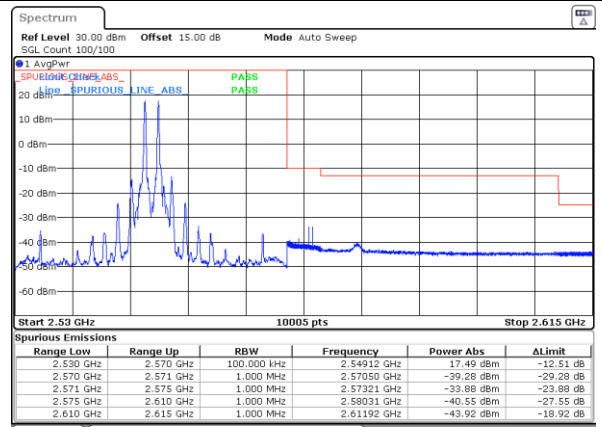
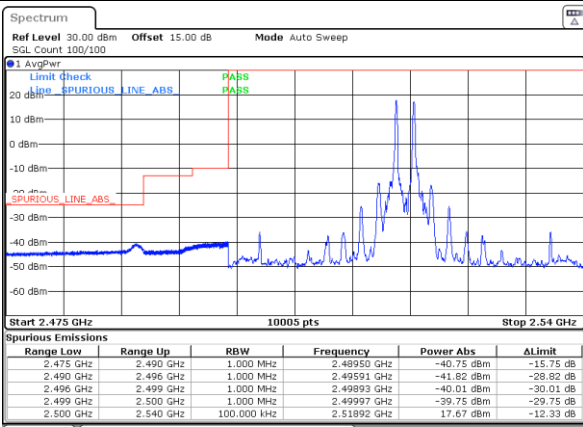


Date: 29 DEC 2024 00:32:07

Date: 29 DEC 2024 00:36:08

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

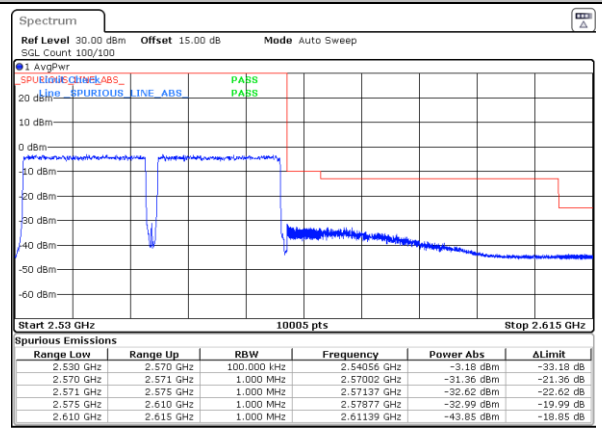
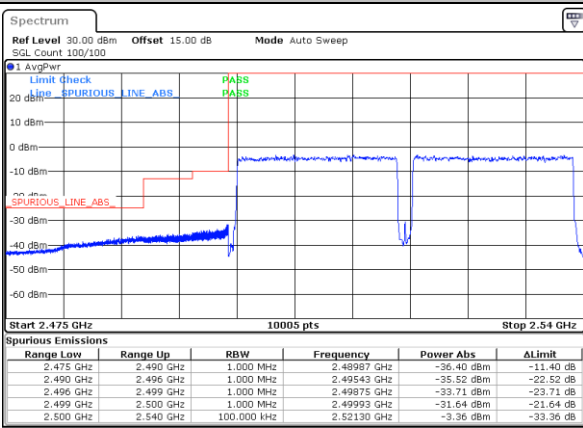


Date: 29 DEC 2024 00:28:07

Date: 29 DEC 2024 00:42:07

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 2 JAN 2025 22:32:16

Date: 29 DEC 2024 00:37:20

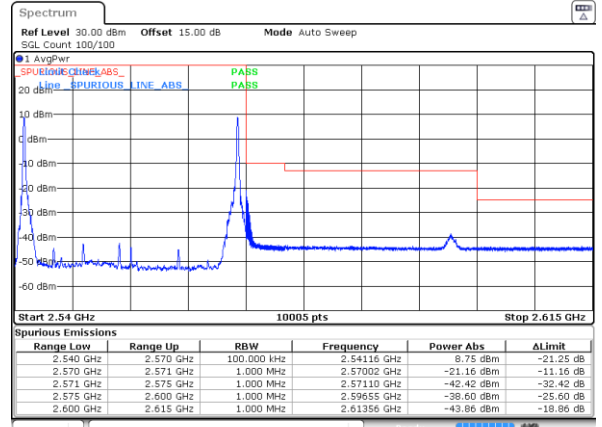
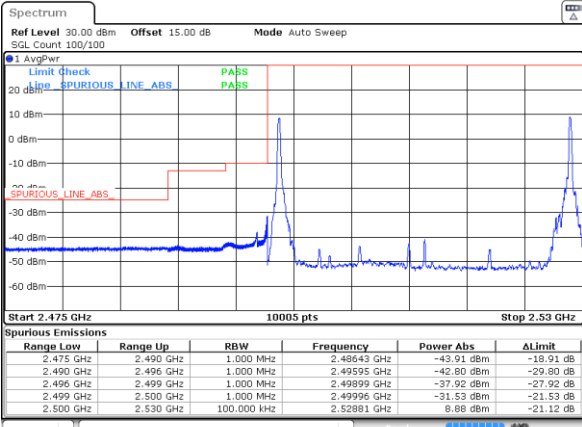


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

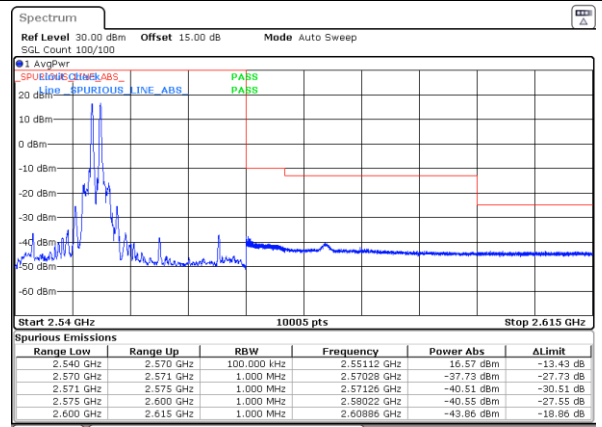
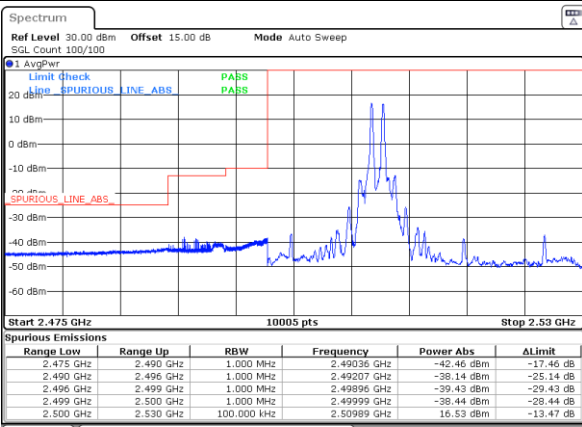


Date: 28 DEC 2024 22:21:04

Date: 28 DEC 2024 22:26:56

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

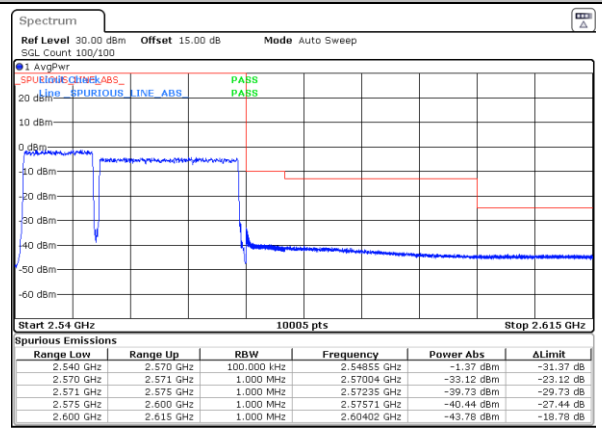
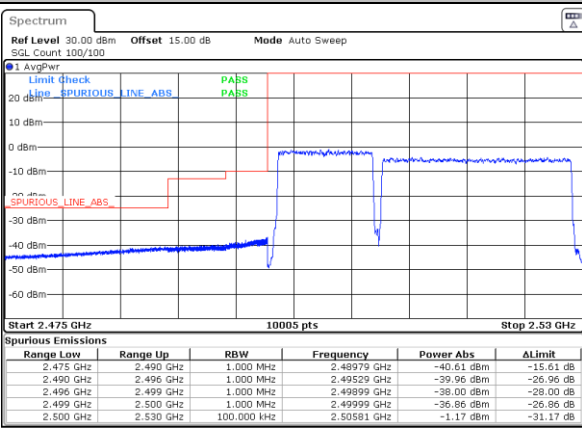


Date: 28 DEC 2024 22:18:34

Date: 28 DEC 2024 22:31:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 DEC 2024 22:23:33

Date: 28 DEC 2024 22:26:27

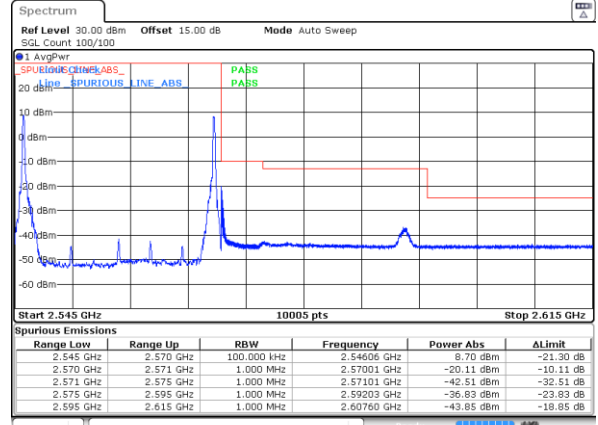
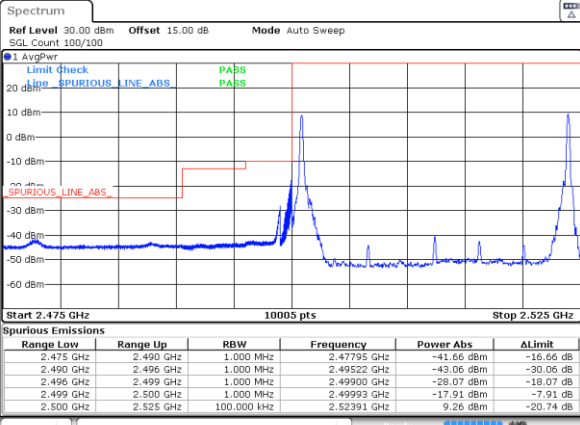


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

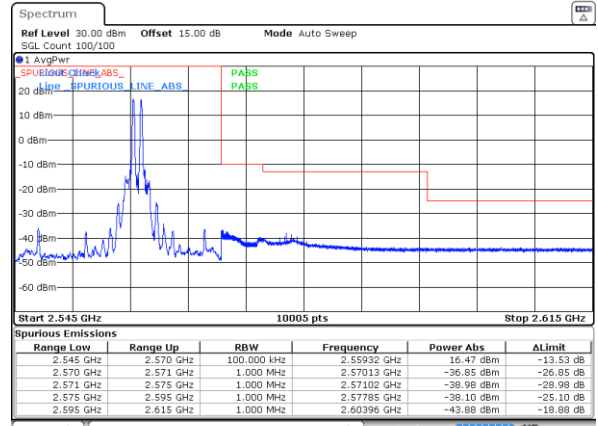
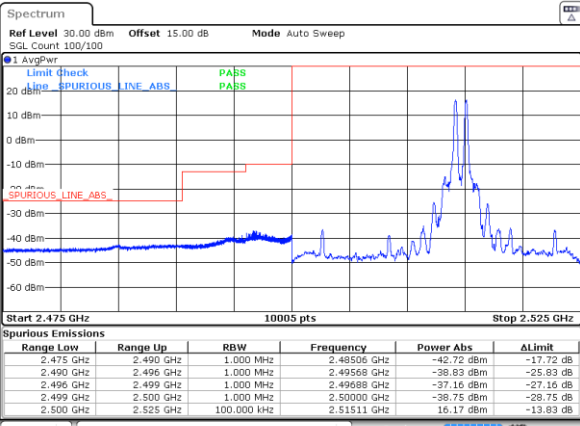


Date: 29 DEC 2024 00:52:44

Date: 29 DEC 2024 01:00:36

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

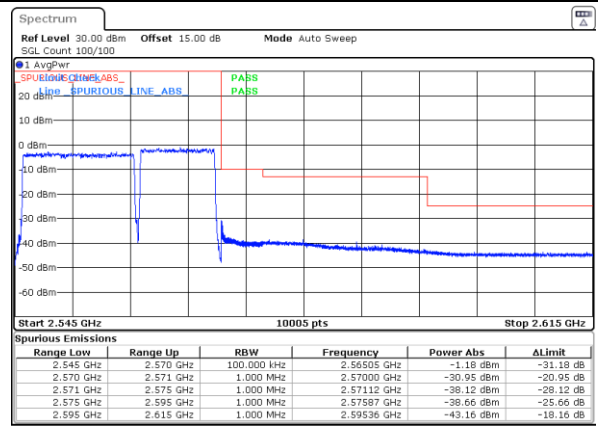
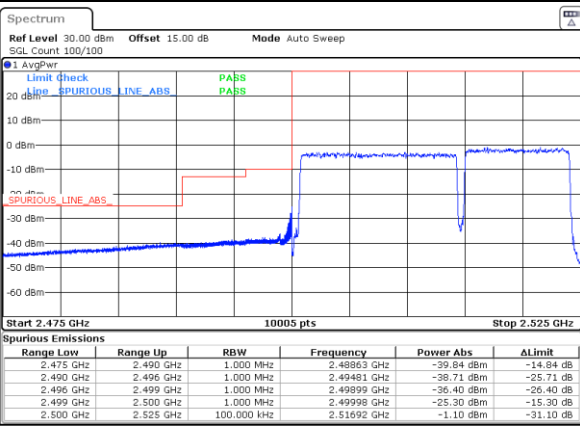


Date: 29 DEC 2024 00:50:14

Date: 29 DEC 2024 01:00:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 29 DEC 2024 00:55:13

Date: 29 DEC 2024 00:58:08

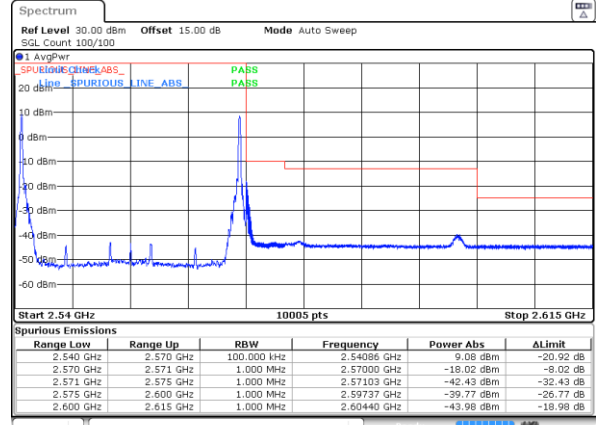
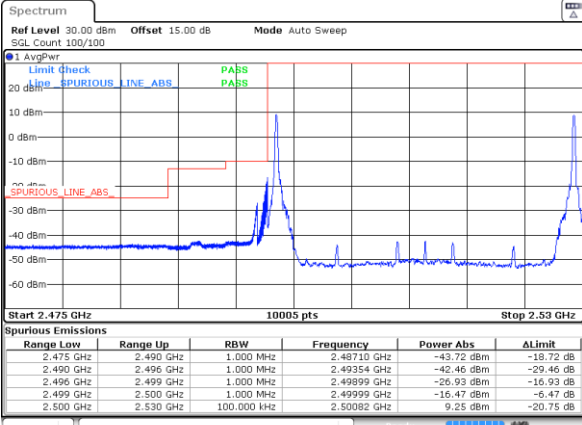


LTE Band 7C / 15MHz+15MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

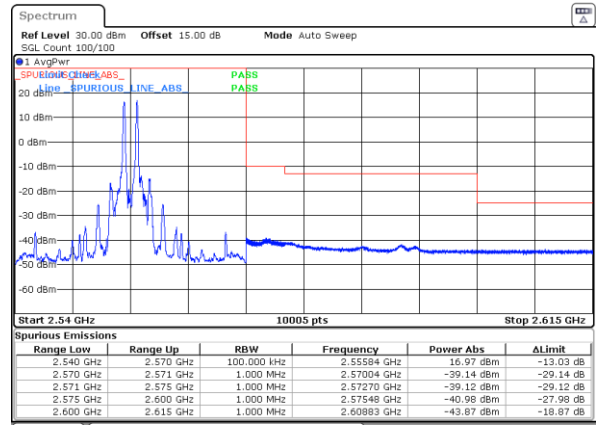
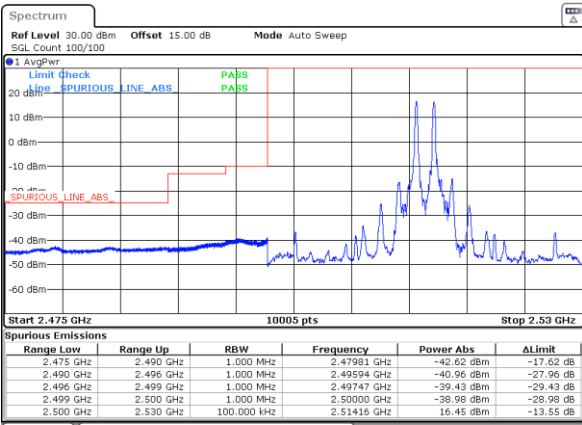


Date: 28 DEC 2024 23:22:47

Date: 28 DEC 2024 23:30:30

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

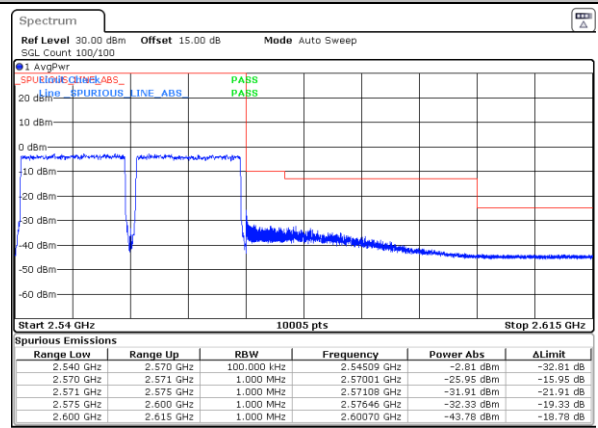
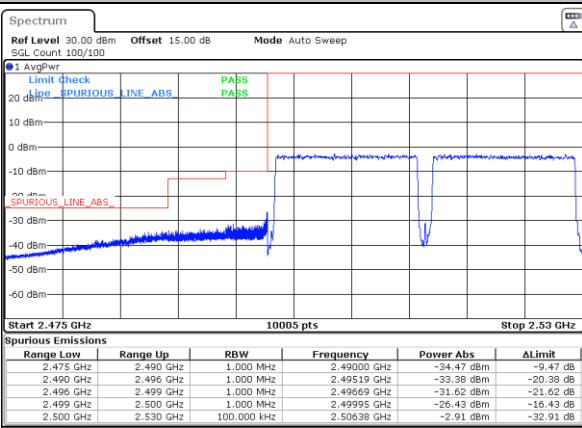


Date: 28 DEC 2024 23:20:23

Date: 28 DEC 2024 23:32:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 28 DEC 2024 23:25:12

Date: 28 DEC 2024 23:28:07