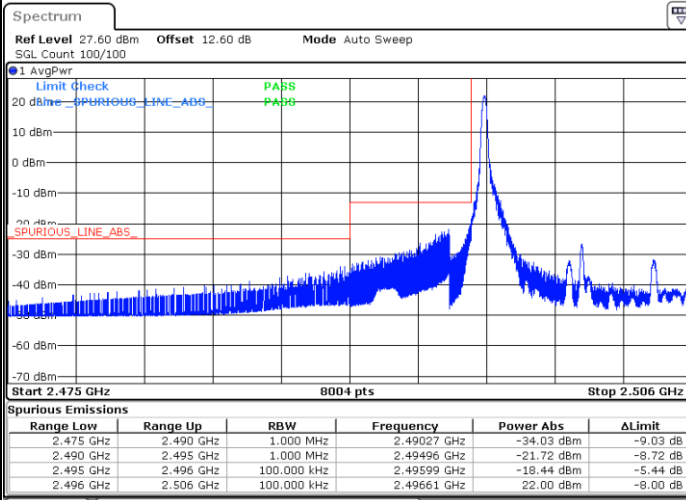




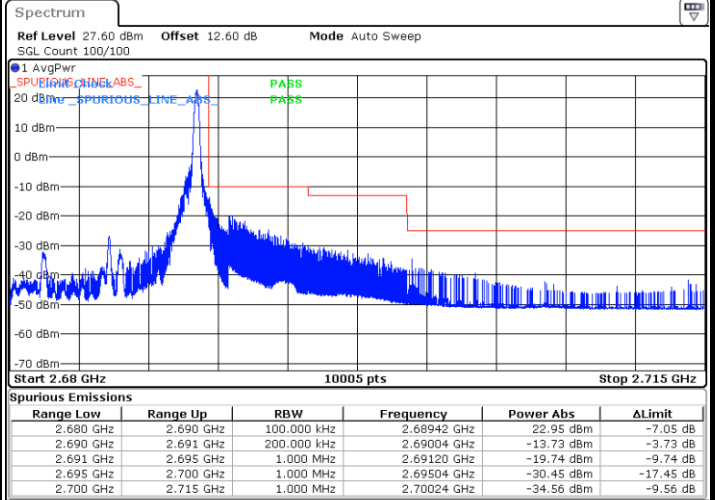
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1RB



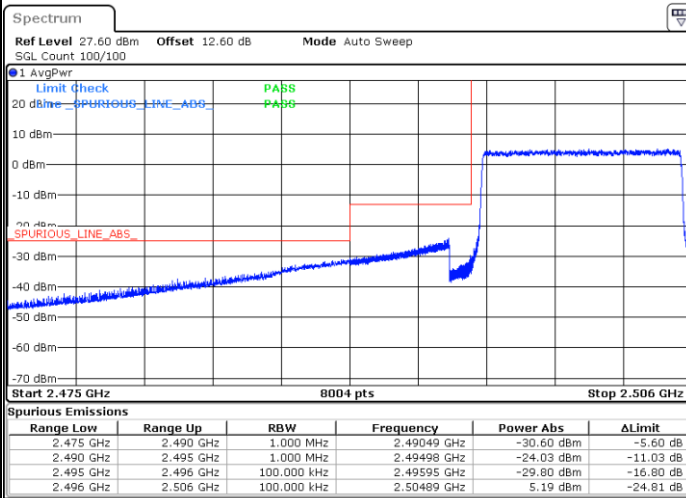
Date: 24.NOV.2023 13:31:13

Highest Band Edge / 1 RB



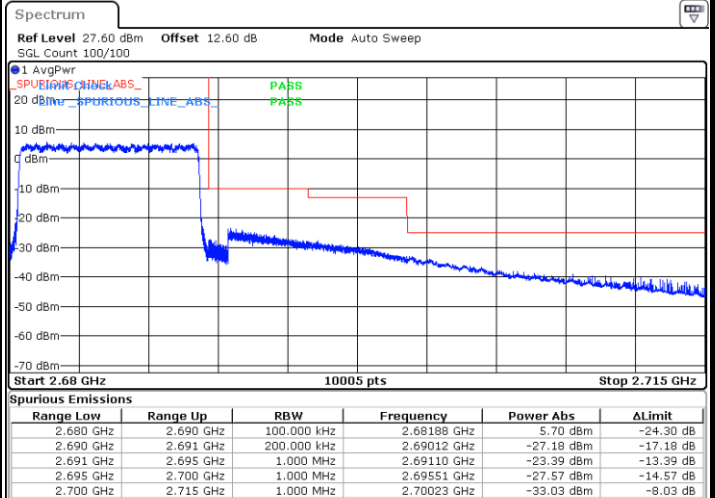
Date: 24.NOV.2023 14:04:06

Lowest Band Edge / Full RB



Date: 24.NOV.2023 13:35:38

Highest Band Edge / Full RB

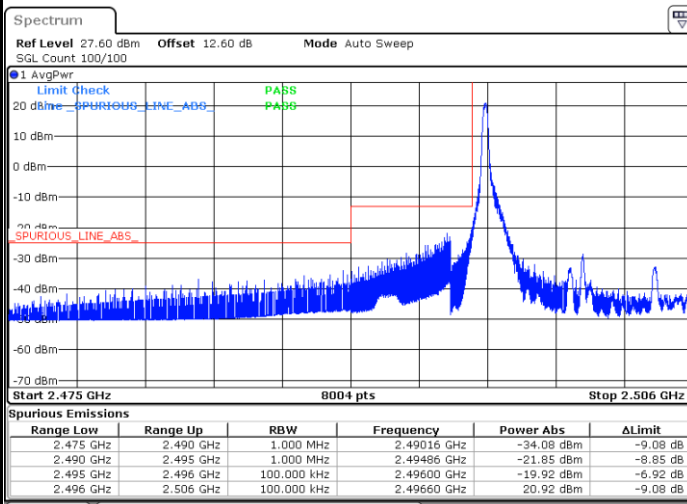


Date: 24.NOV.2023 14:08:30



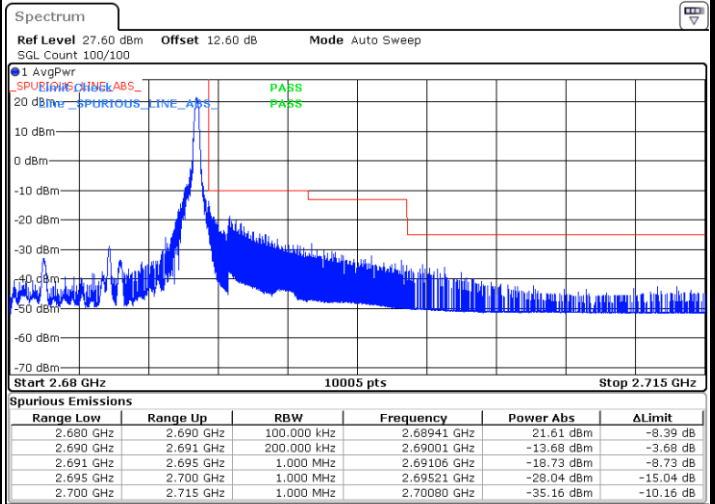
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1RB



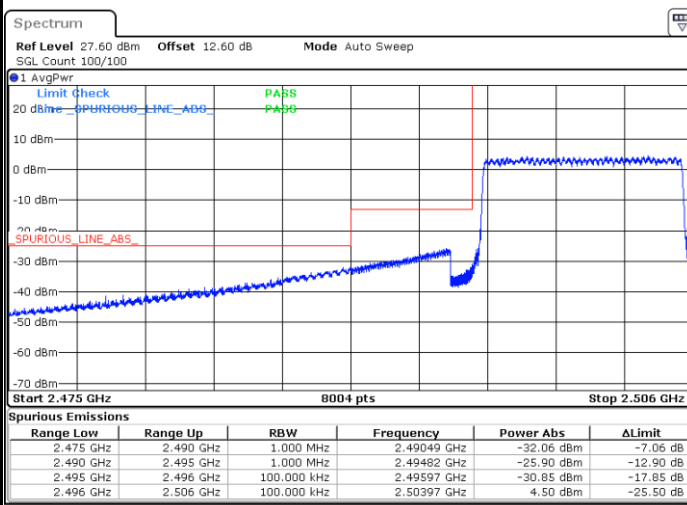
Date: 24.NOV.2023 13:32:41

Highest Band Edge / 1 RB



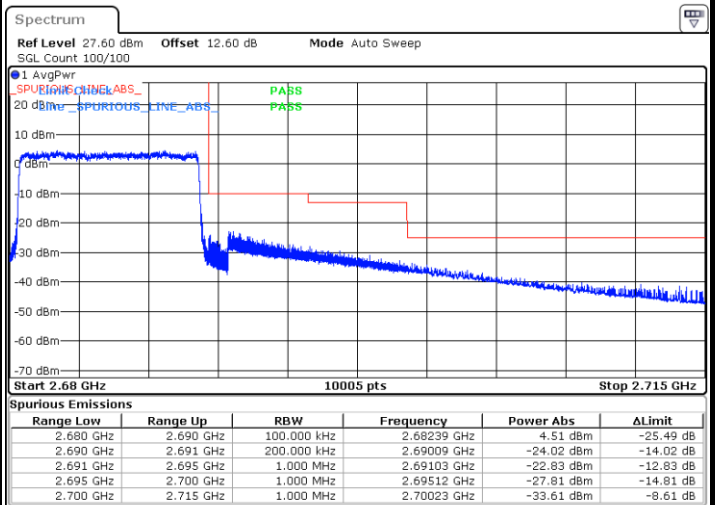
Date: 24.NOV.2023 14:05:34

Lowest Band Edge / Full RB



Date: 24.NOV.2023 13:34:10

Highest Band Edge / Full RB

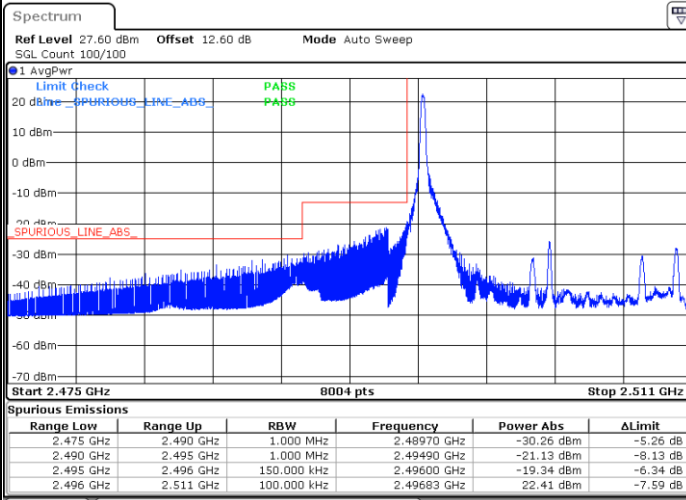


Date: 24.NOV.2023 14:07:02



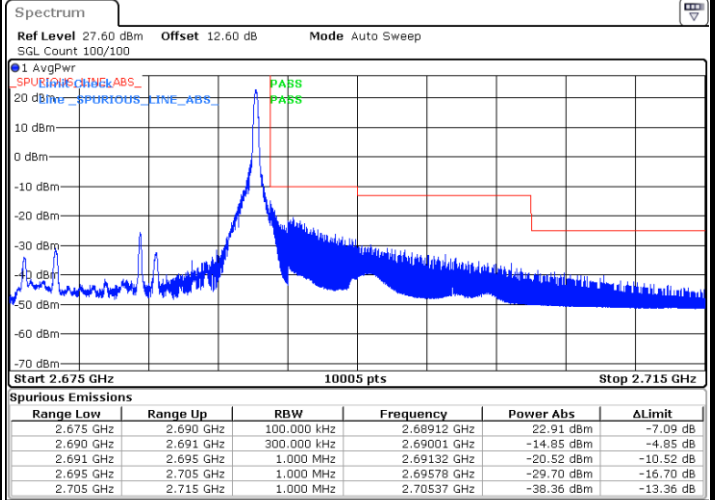
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



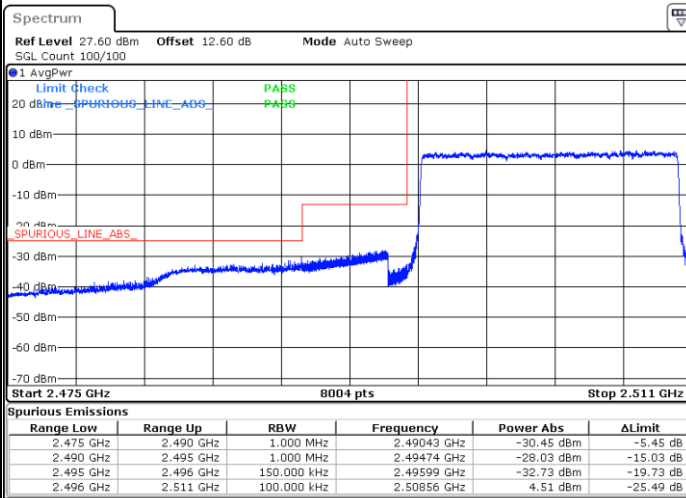
Date: 24.NOV.2023 14:13:40

Highest Band Edge / 1 RB



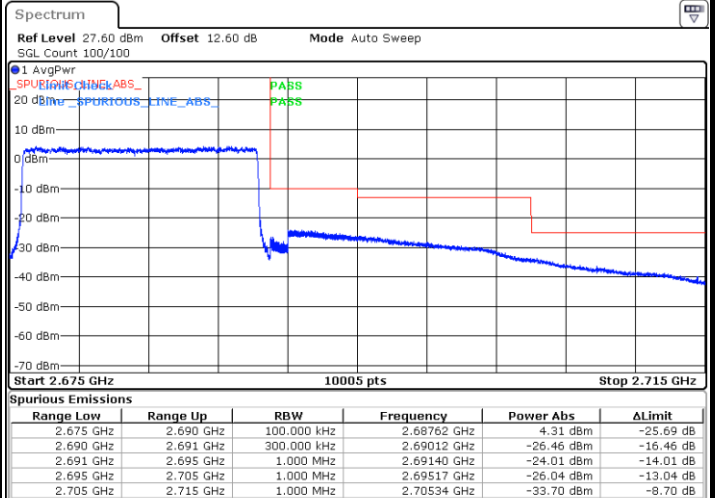
Date: 24.NOV.2023 14:26:44

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:21:00

Highest Band Edge / Full RB

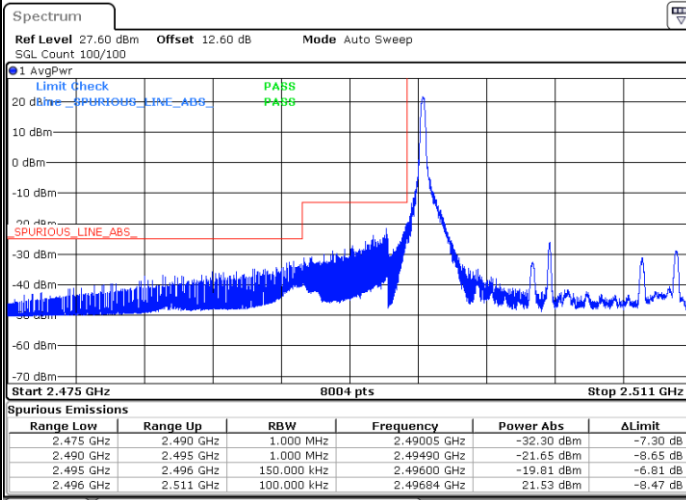


Date: 24.NOV.2023 14:34:04



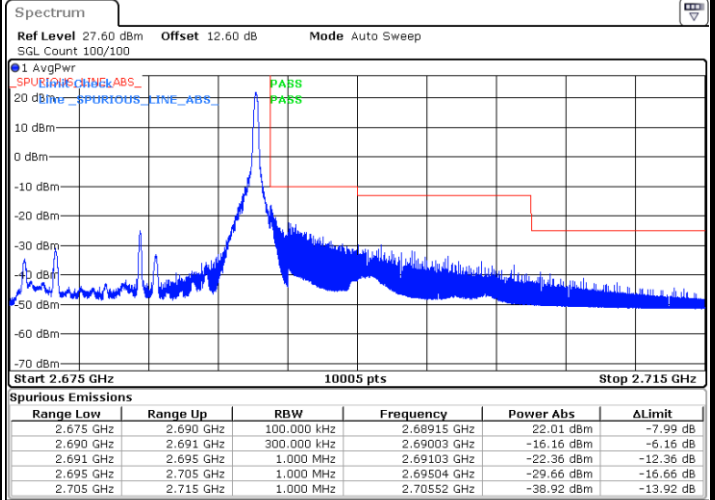
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



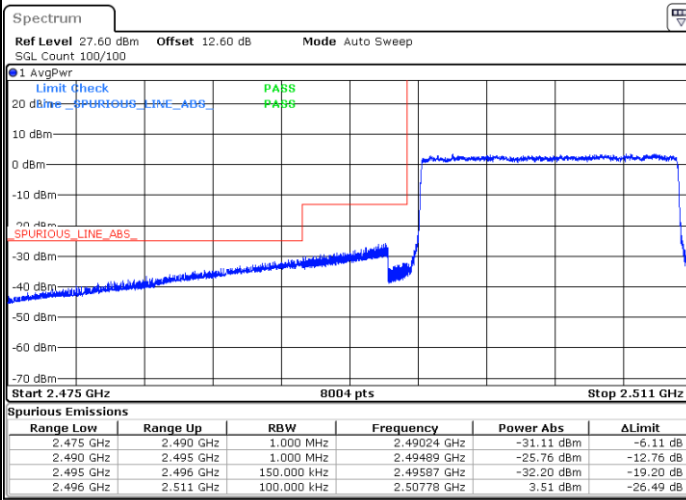
Date: 24.NOV.2023 14:15:08

Highest Band Edge / 1 RB



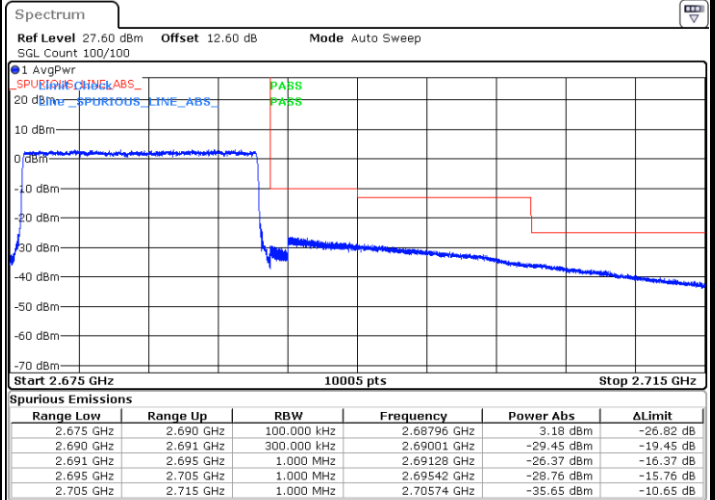
Date: 24.NOV.2023 14:28:12

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:19:32

Highest Band Edge / Full RB

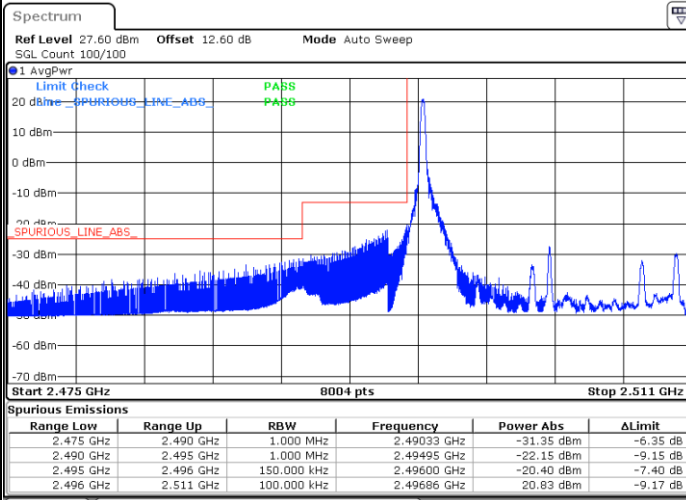


Date: 24.NOV.2023 14:32:36



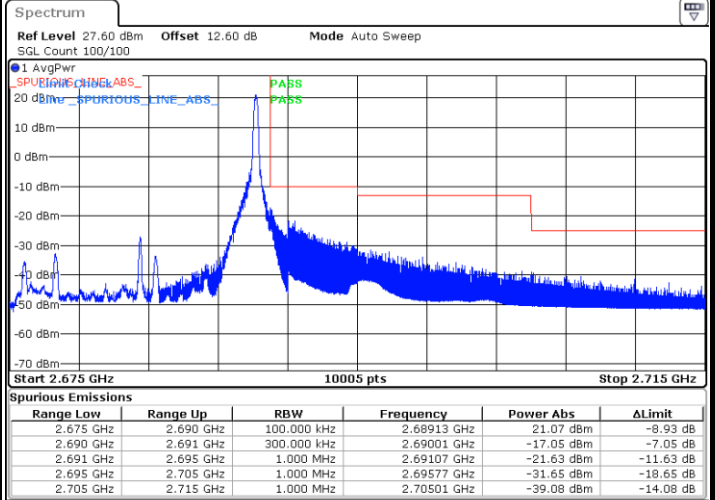
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



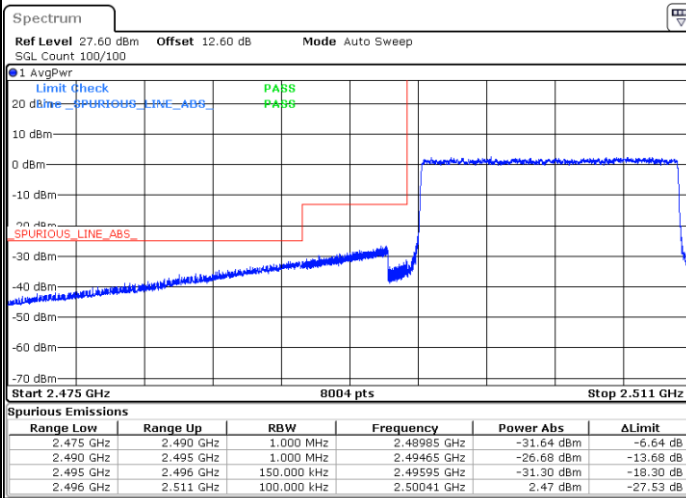
Date: 24.NOV.2023 14:16:36

Highest Band Edge / 1 RB



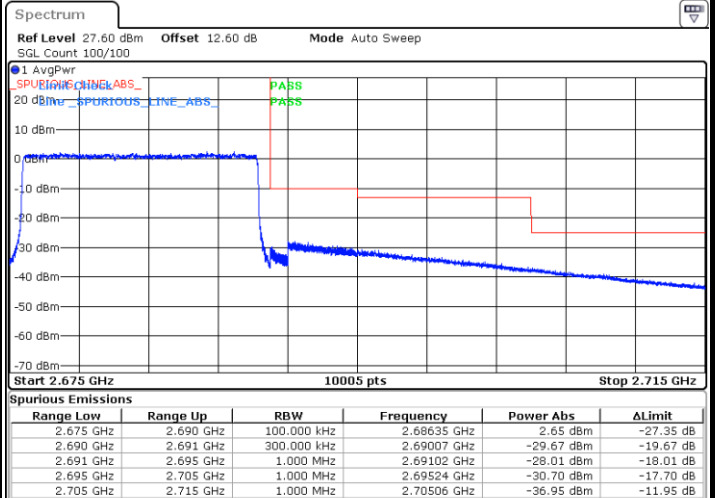
Date: 24.NOV.2023 14:29:40

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:18:04

Highest Band Edge / Full RB

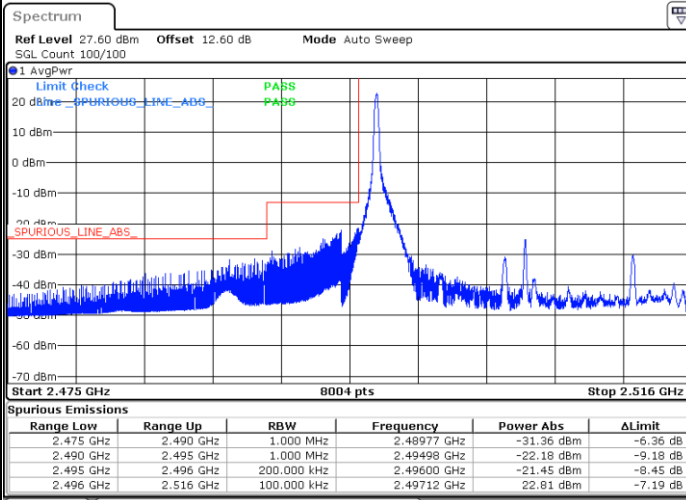


Date: 24.NOV.2023 14:31:08



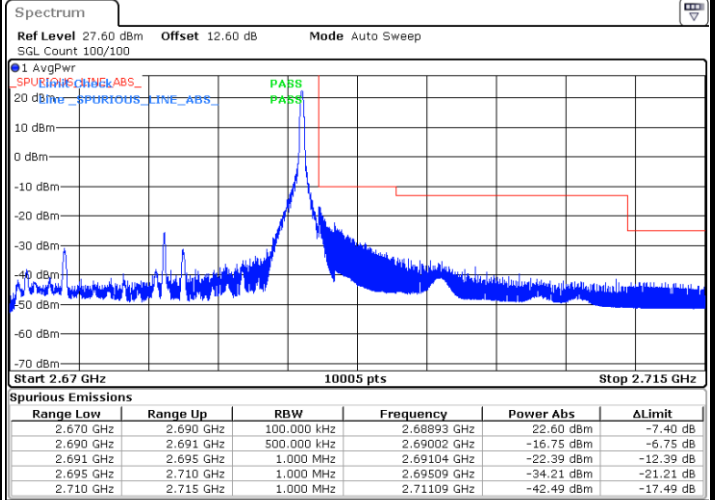
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



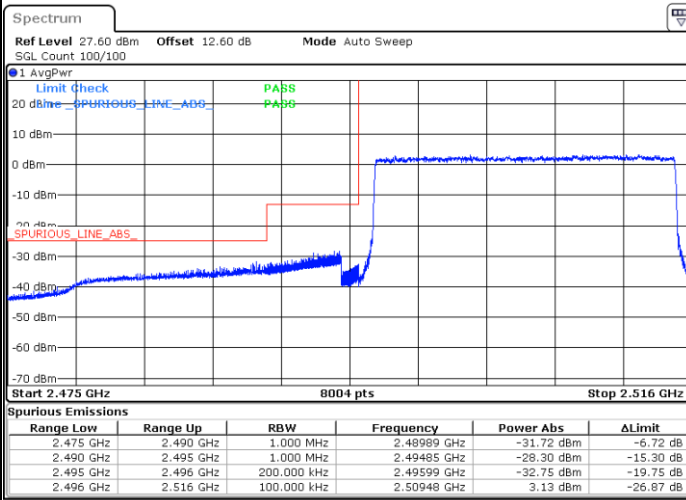
Date: 24.NOV.2023 14:38:20

Highest Band Edge / 1 RB



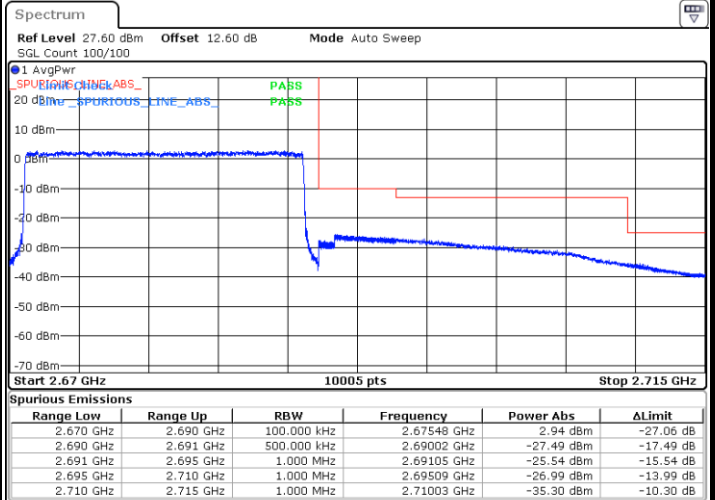
Date: 24.NOV.2023 14:52:51

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:45:41

Highest Band Edge / Full RB

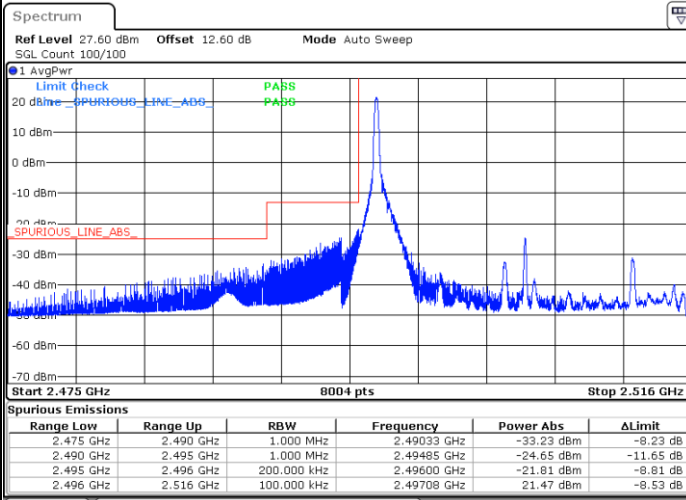


Date: 24.NOV.2023 15:00:10



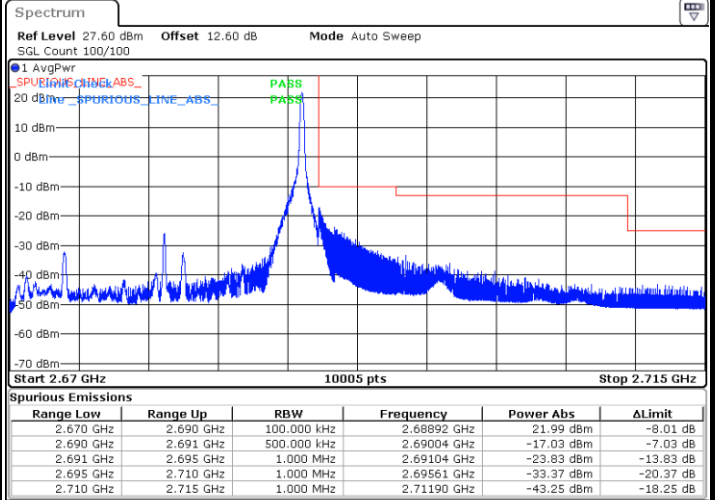
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



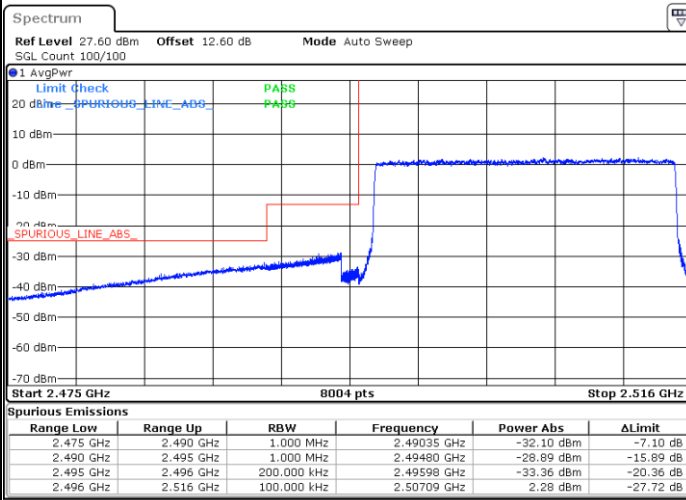
Date: 24.NOV.2023 14:39:48

Highest Band Edge / 1 RB



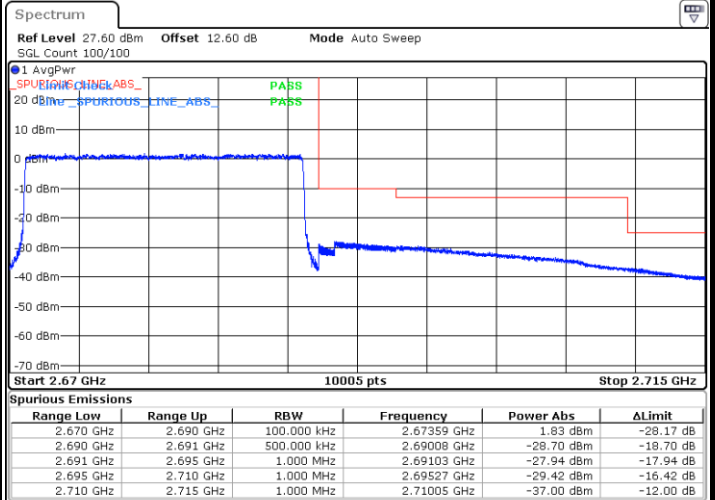
Date: 24.NOV.2023 14:54:19

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:44:13

Highest Band Edge / Full RB

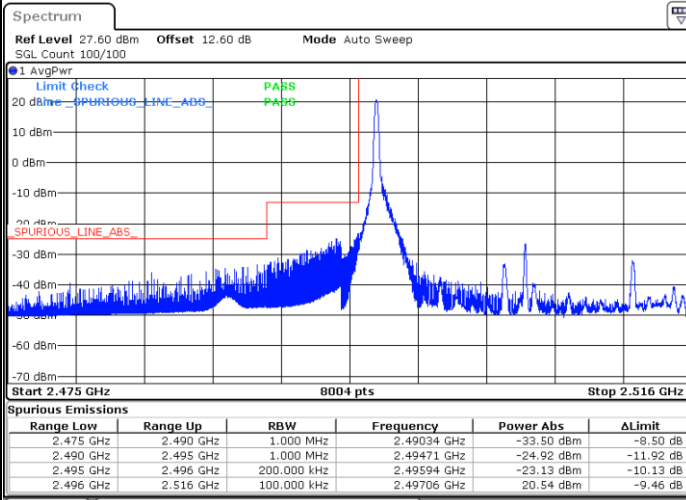


Date: 24.NOV.2023 14:58:42



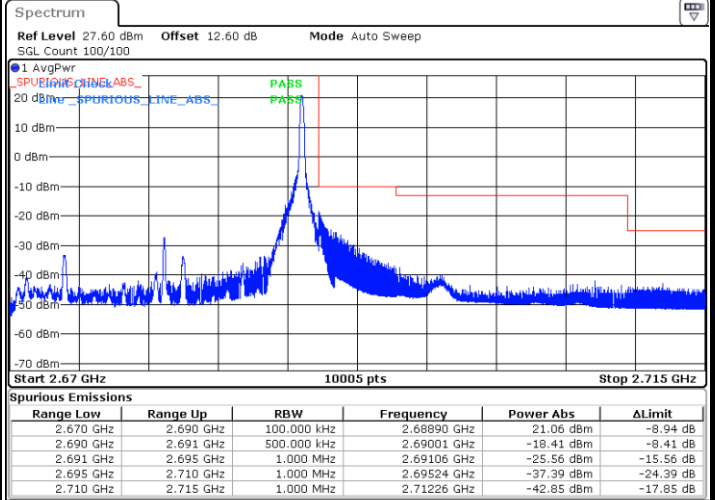
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



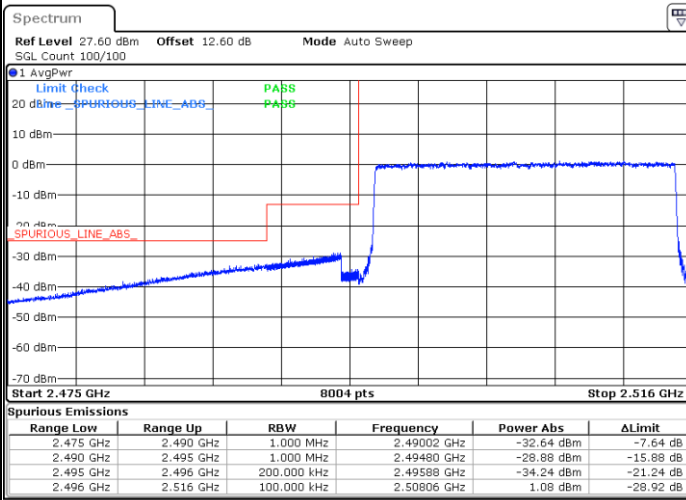
Date: 24.NOV.2023 14:41:17

Highest Band Edge / 1 RB



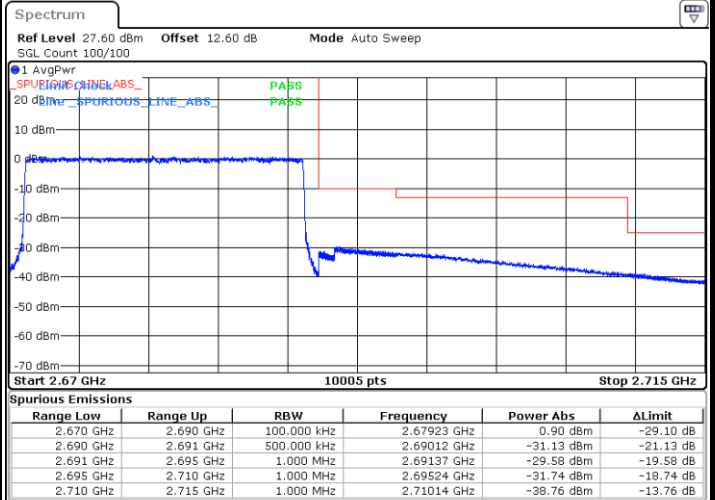
Date: 24.NOV.2023 14:55:47

Lowest Band Edge / Full RB



Date: 24.NOV.2023 14:42:45

Highest Band Edge / Full RB



Date: 24.NOV.2023 14:57:15

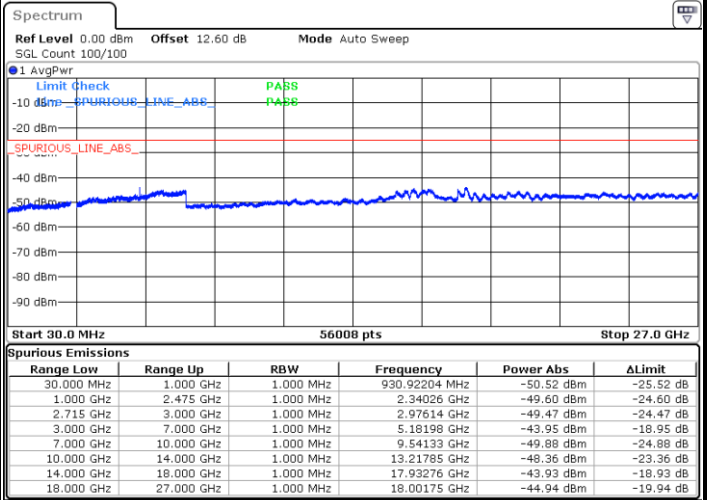
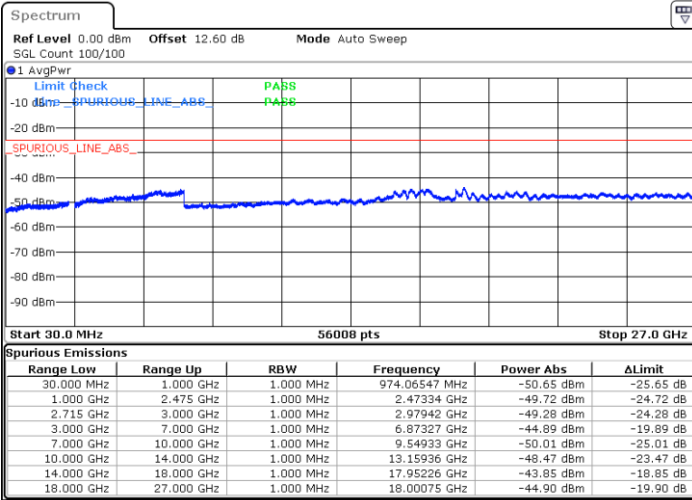


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

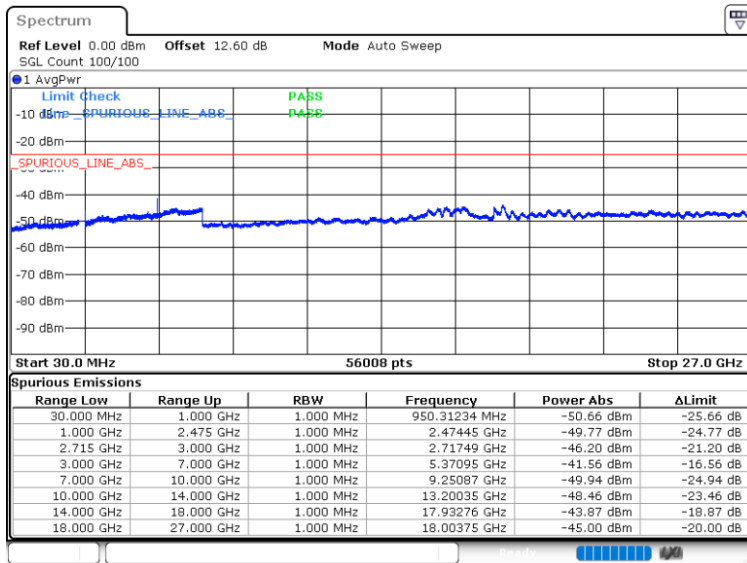
Middle Channel / QPSK



Date: 24.NOV.2023 13:21:29

Date: 24.NOV.2023 13:22:56

Highest Channel / QPSK



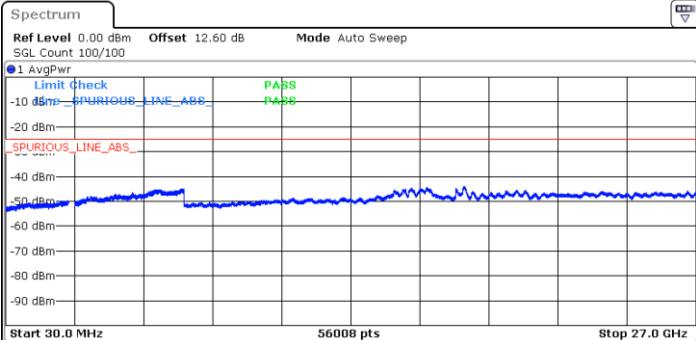
Date: 24.NOV.2023 13:25:46



LTE Band 41 / 10MHz

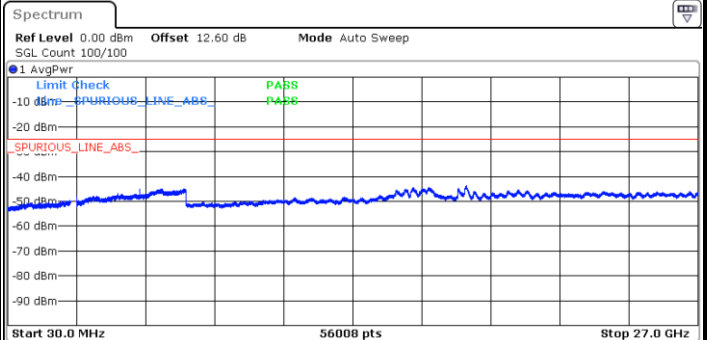
Lowest Channel / QPSK

Middle Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	953.22089 MHz	-50.59 dBm	-25.59 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.46597 GHz	-49.81 dBm	-24.81 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.97586 GHz	-49.45 dBm	-24.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.86377 GHz	-45.06 dBm	-20.06 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.54893 GHz	-49.93 dBm	-24.93 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.17585 GHz	-48.42 dBm	-23.42 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.92426 GHz	-43.89 dBm	-18.89 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-44.94 dBm	-19.94 dB

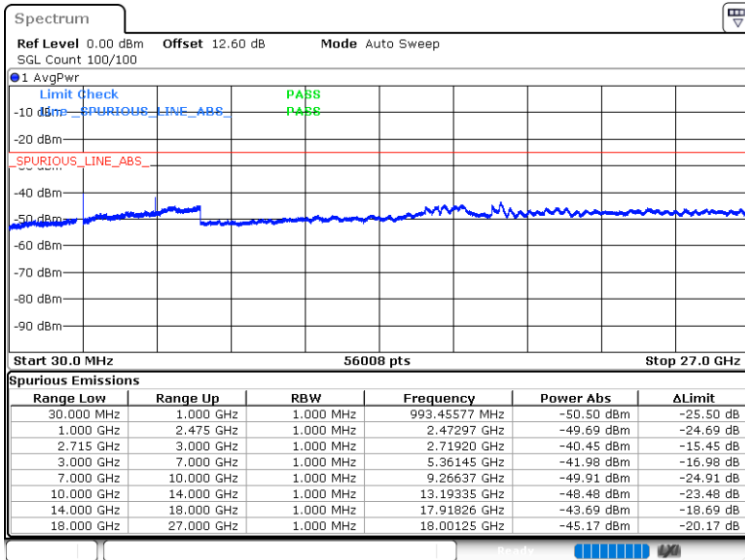
Date: 24.NOV.2023 13:55:26



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	980.85207 MHz	-50.68 dBm	-25.68 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47076 GHz	-49.58 dBm	-24.58 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71564 GHz	-48.28 dBm	-23.28 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.96425 GHz	-44.94 dBm	-19.94 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.24588 GHz	-49.88 dBm	-24.88 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.17685 GHz	-48.40 dBm	-23.40 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.95326 GHz	-43.68 dBm	-18.68 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00275 GHz	-45.04 dBm	-20.04 dB

Date: 24.NOV.2023 13:59:48

Highest Channel / QPSK



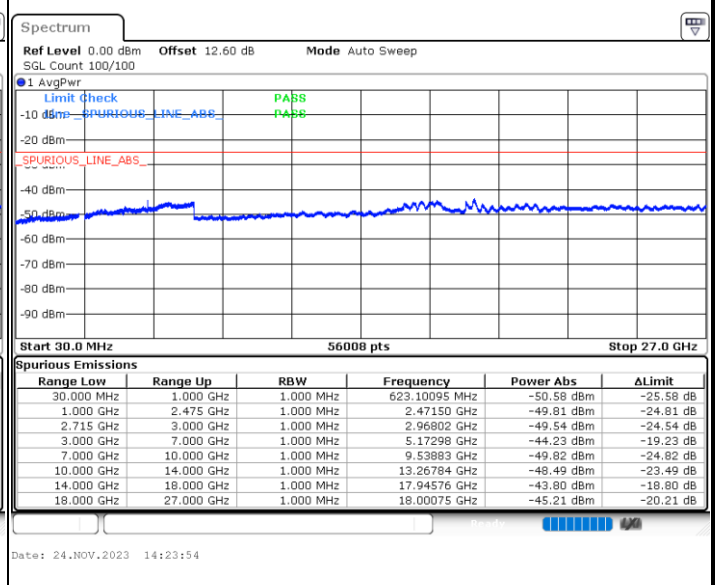
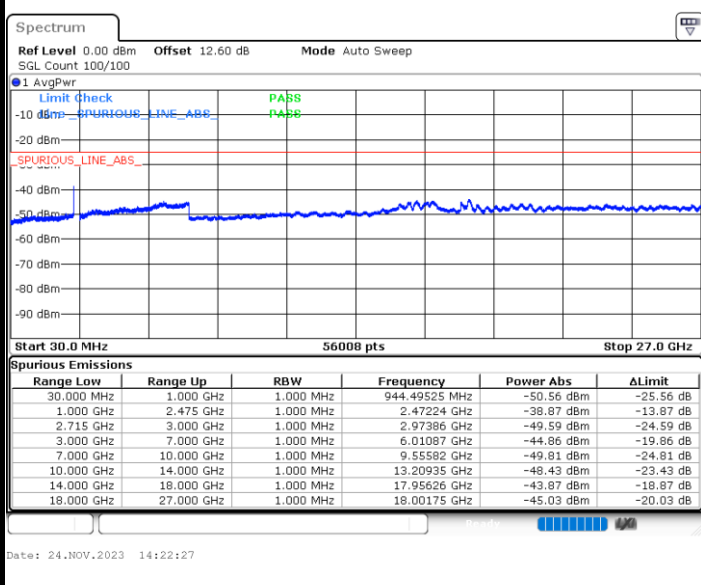
Date: 24.NOV.2023 14:11:25



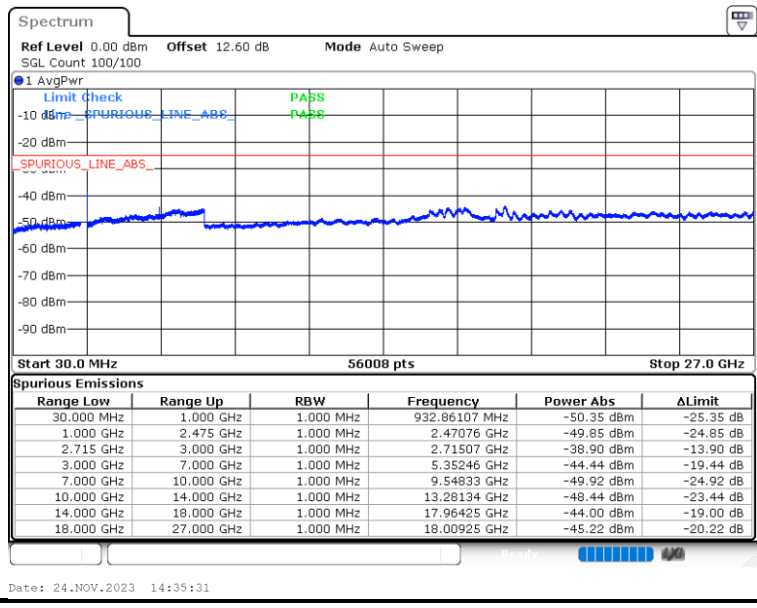
LTE Band 41 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

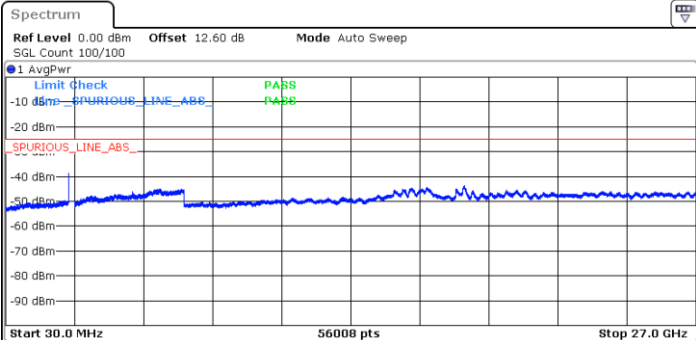




LTE Band 41 / 20MHz

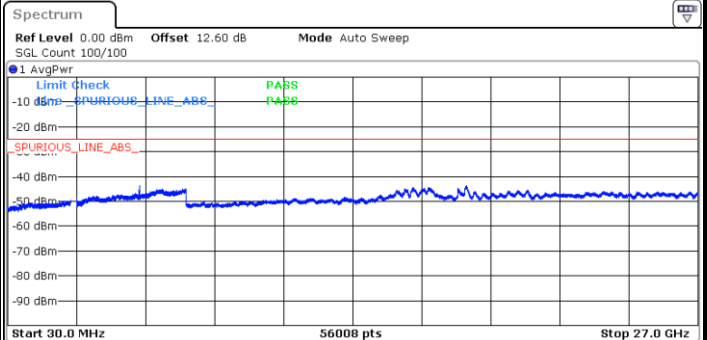
Lowest Channel / QPSK

Middle Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	994.42529 MHz	-50.67 dBm	-25.67 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47334 GHz	-38.84 dBm	-13.84 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.95421 GHz	-49.09 dBm	-24.09 dB
3.000 GHz	7.000 GHz	1.000 MHz	6.89026 GHz	-45.00 dBm	-20.00 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.53893 GHz	-49.87 dBm	-24.87 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.20685 GHz	-48.29 dBm	-23.29 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.95826 GHz	-43.78 dBm	-18.78 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00725 GHz	-45.18 dBm	-20.18 dB

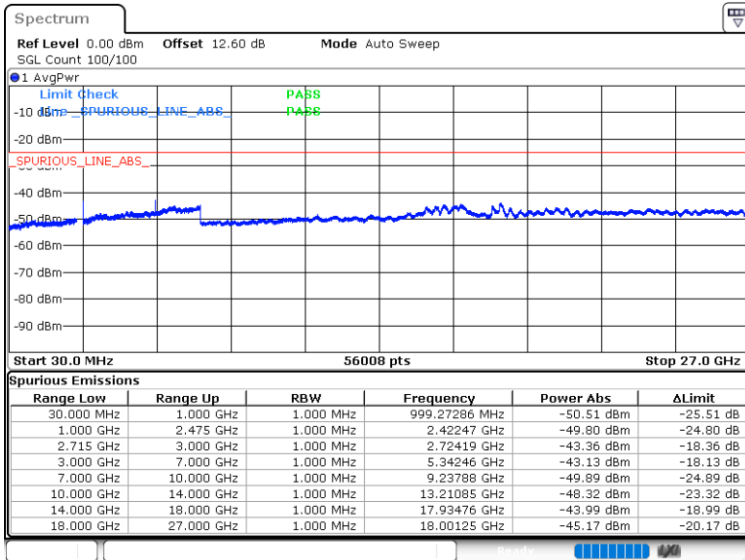
Date: 24.NOV.2023 14:47:08



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	959.03798 MHz	-50.56 dBm	-25.56 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.47187 GHz	-49.63 dBm	-24.63 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.71735 GHz	-48.45 dBm	-23.45 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.16848 GHz	-43.78 dBm	-18.78 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.53793 GHz	-49.91 dBm	-24.91 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.17785 GHz	-48.27 dBm	-23.27 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.95026 GHz	-43.82 dBm	-18.82 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00025 GHz	-45.16 dBm	-20.16 dB

Date: 24.NOV.2023 14:48:34

Highest Channel / QPSK



Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	1.000 GHz	1.000 MHz	999.27286 MHz	-50.51 dBm	-25.51 dB
1.000 GHz	2.475 GHz	1.000 MHz	2.42247 GHz	-49.80 dBm	-24.80 dB
2.715 GHz	3.000 GHz	1.000 MHz	2.72419 GHz	-43.36 dBm	-18.36 dB
3.000 GHz	7.000 GHz	1.000 MHz	5.34246 GHz	-43.13 dBm	-18.13 dB
7.000 GHz	10.000 GHz	1.000 MHz	9.23788 GHz	-49.89 dBm	-24.89 dB
10.000 GHz	14.000 GHz	1.000 MHz	13.21085 GHz	-48.32 dBm	-23.32 dB
14.000 GHz	18.000 GHz	1.000 MHz	17.93476 GHz	-43.99 dBm	-18.99 dB
18.000 GHz	27.000 GHz	1.000 MHz	18.00125 GHz	-45.17 dBm	-20.17 dB

Date: 24.NOV.2023 15:01:37



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	0.0010	PASS
40	Normal Voltage	0.0059	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0069	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0006	
-20	Normal Voltage	0.0063	
-30	Normal Voltage	0.0060	
20	Maximum Voltage	0.0066	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

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	29.79	25.28	30.57	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.76	39.72	-

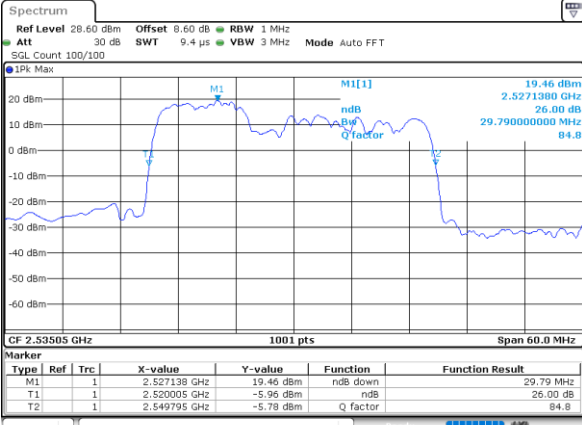
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.18	30.51	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.83	39.88	-



LTE Band 7C

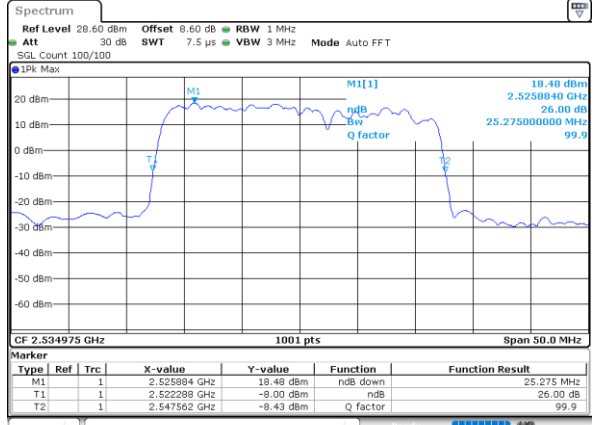
QPSK

Middle Channel / 10MHz+20MHz



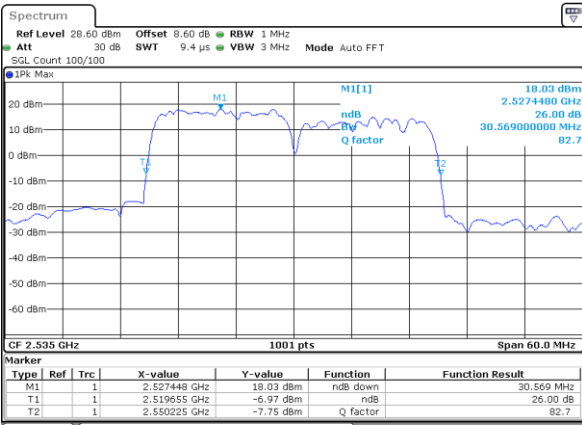
Date: 27.NOV.2023 15:36:03

Middle Channel / 15MHz+10MHz



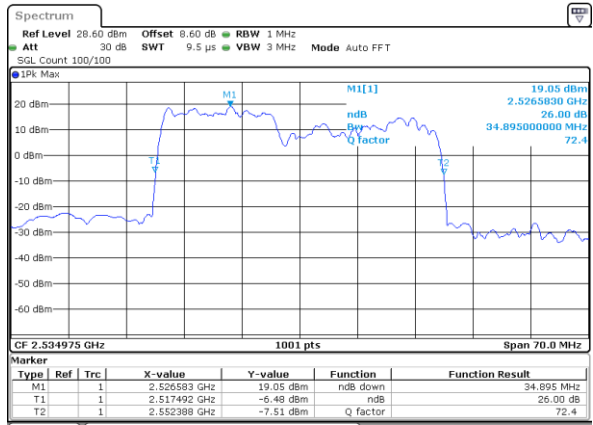
Date: 27.NOV.2023 21:04:57

Middle Channel / 15MHz+15MHz



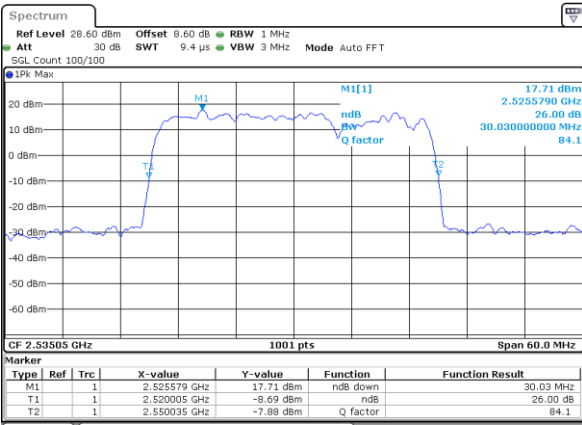
Date: 27.NOV.2023 17:10:25

Middle Channel / 15MHz+20MHz



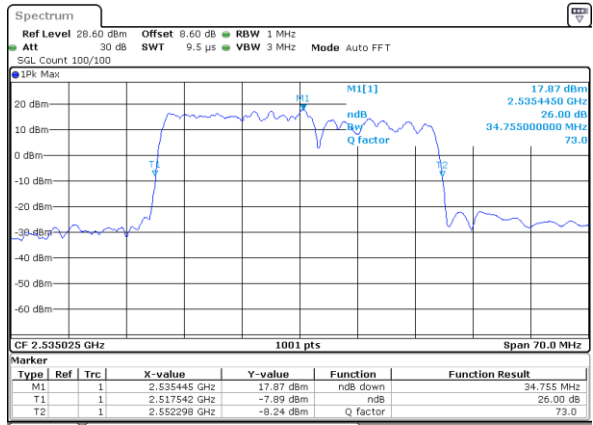
Date: 27.NOV.2023 19:24:24

Middle Channel / 20MHz+10MHz



Date: 27.NOV.2023 16:07:38

Middle Channel / 20MHz+15MHz



Date: 27.NOV.2023 19:55:10

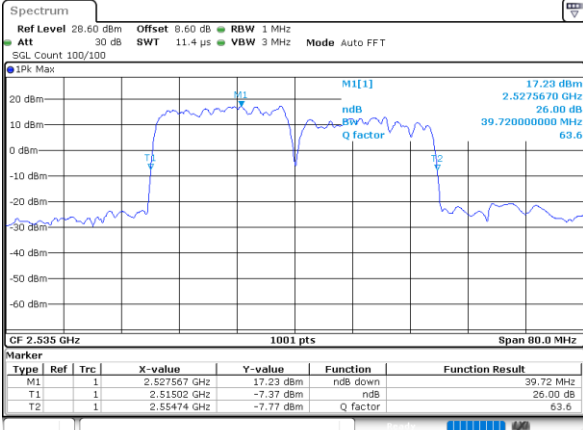


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



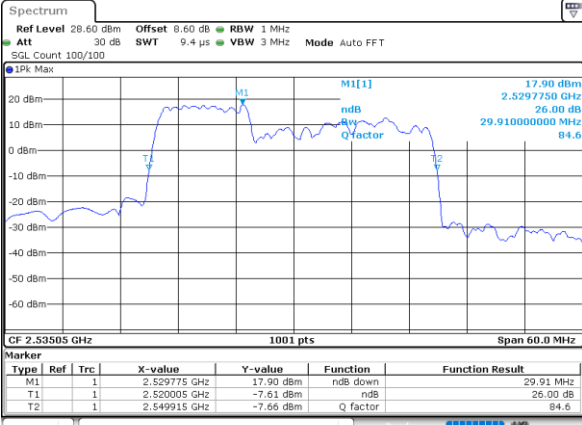
Date: 27_Nov_2023 20:25:41



LTE Band 7C

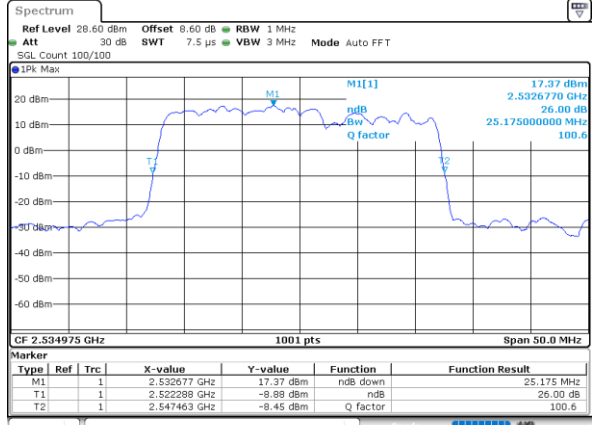
16QAM

Middle Channel / 10MHz+20MHz



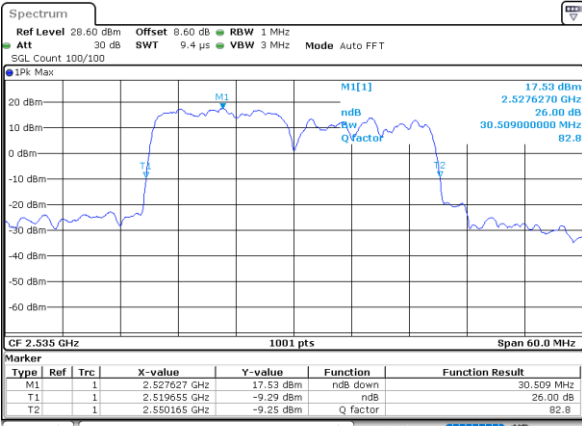
Date: 27.NOV.2023 15:36:35

Middle Channel / 15MHz+10MHz



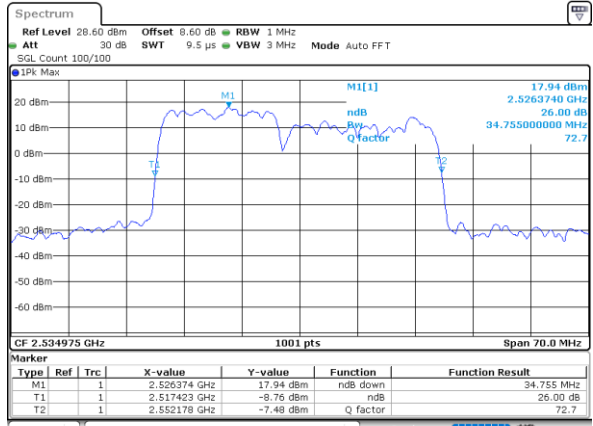
Date: 27.NOV.2023 21:05:22

Middle Channel / 15MHz+15MHz



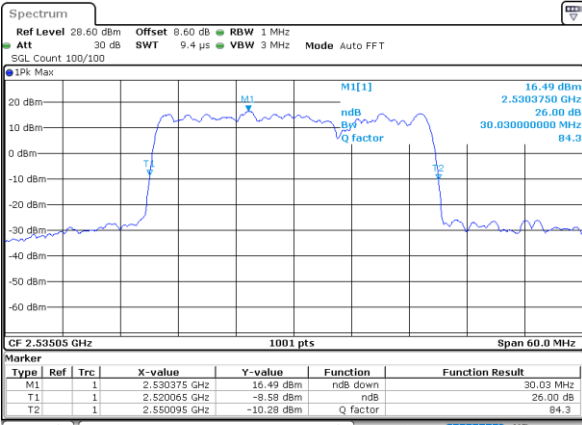
Date: 27.NOV.2023 17:10:54

Middle Channel / 15MHz+20MHz



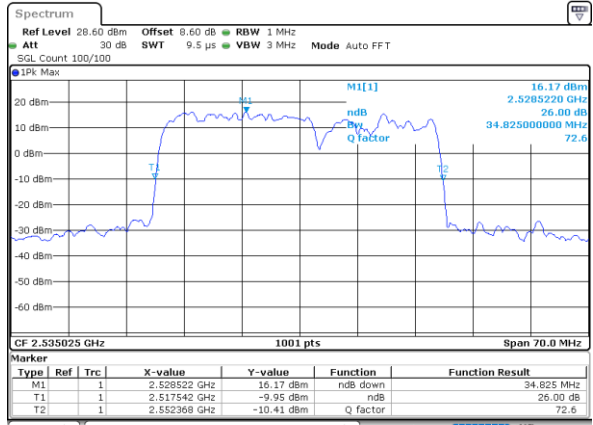
Date: 27.NOV.2023 19:24:50

Middle Channel / 20MHz+10MHz



Date: 27.NOV.2023 16:08:10

Middle Channel / 20MHz+15MHz



Date: 27.NOV.2023 19:55:36

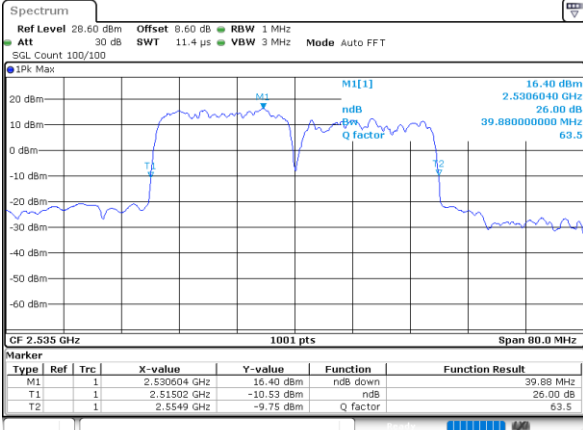


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 27_Nov_2023 20:26:07



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.87	23.38	28.77	32.73
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.94	37.48	-

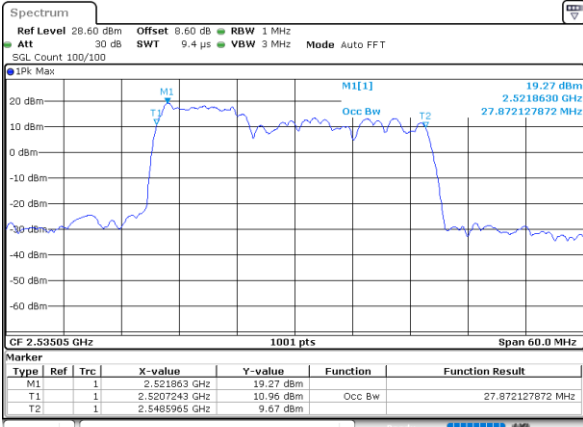
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	28.05	23.18	28.47	32.80
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.51	32.73	37.48	-



LTE Band 7C

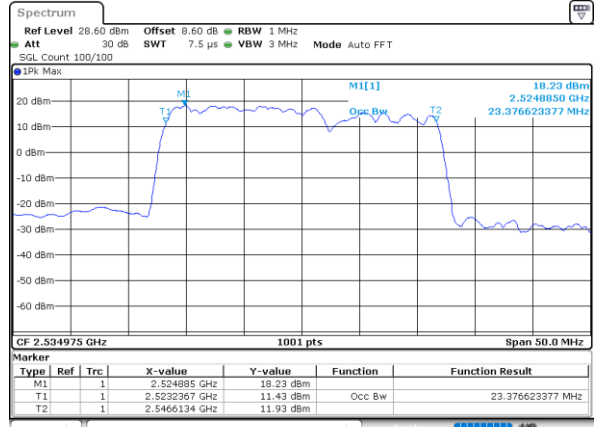
QPSK

Middle Channel / 10MHz+20MHz



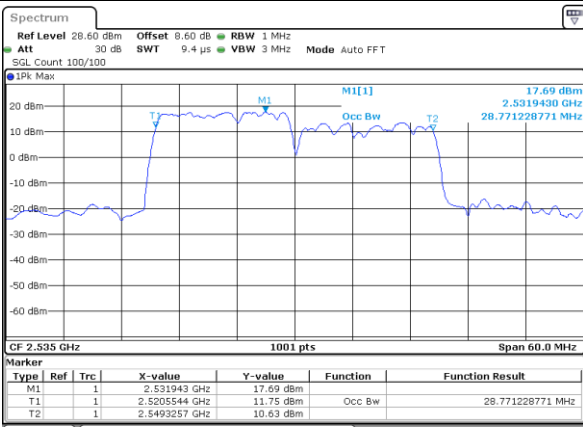
Date: 27.NOV.2023 15:35:32

Middle Channel / 15MHz+10MHz



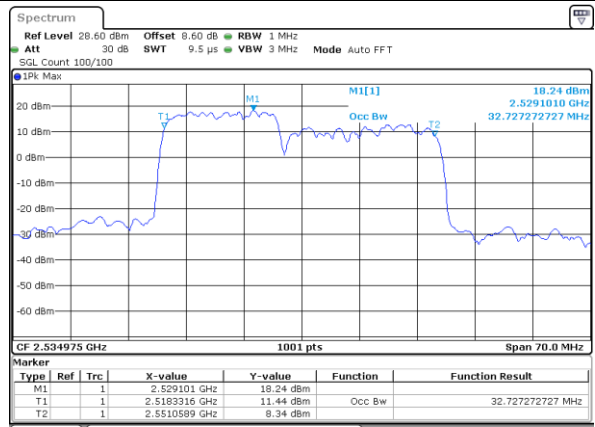
Date: 27.NOV.2023 21:04:31

Middle Channel / 15MHz+15MHz



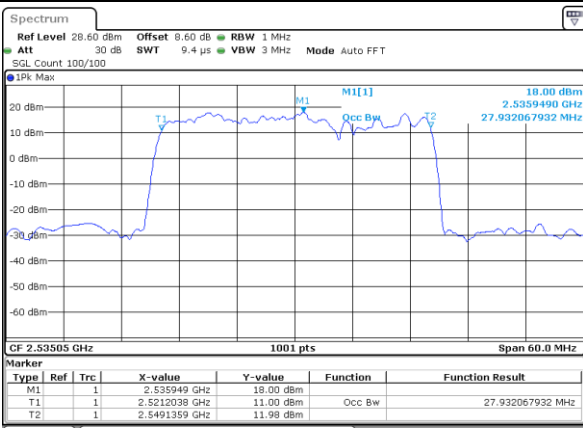
Date: 27.NOV.2023 17:09:55

Middle Channel / 15MHz+20MHz



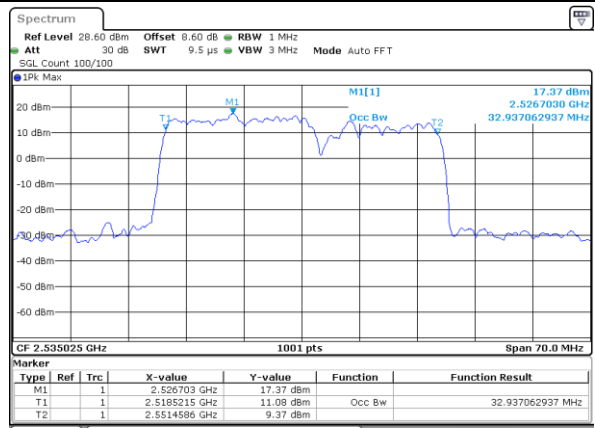
Date: 27.NOV.2023 19:23:58

Middle Channel / 20MHz+10MHz



Date: 27.NOV.2023 16:07:07

Middle Channel / 20MHz+15MHz



Date: 27.NOV.2023 19:54:45

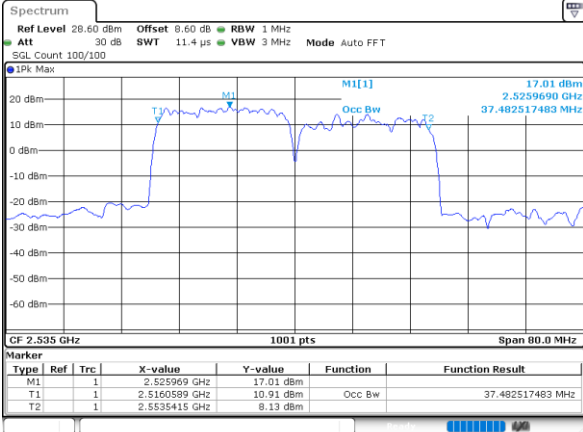


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



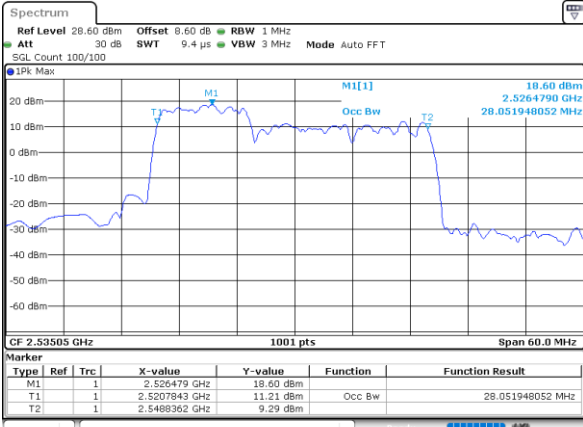
Date: 27_Nov_2023 20:25:16



LTE Band 7C

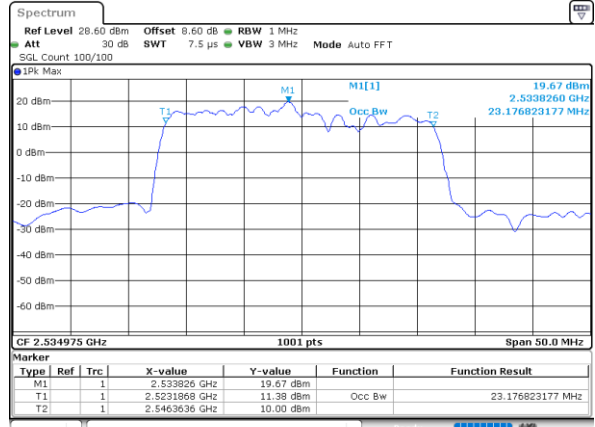
16QAM

Middle Channel / 10MHz+20MHz



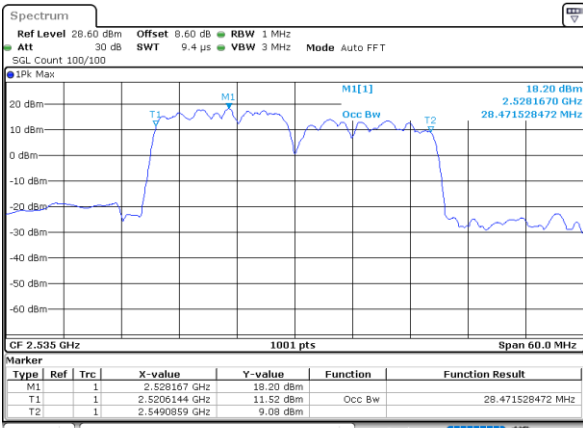
Date: 27.NOV.2023 15:37:06

Middle Channel / 15MHz+10MHz



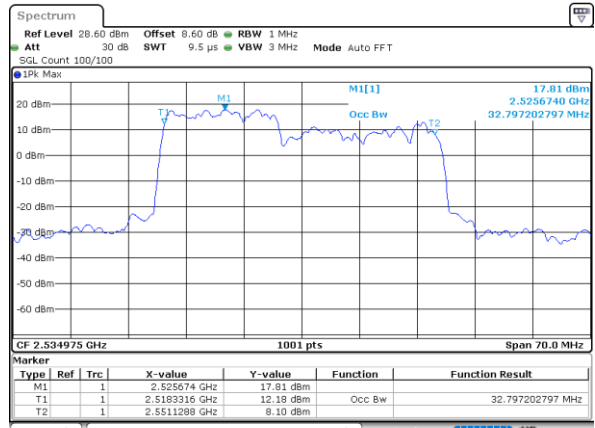
Date: 27.NOV.2023 21:05:48

Middle Channel / 15MHz+15MHz



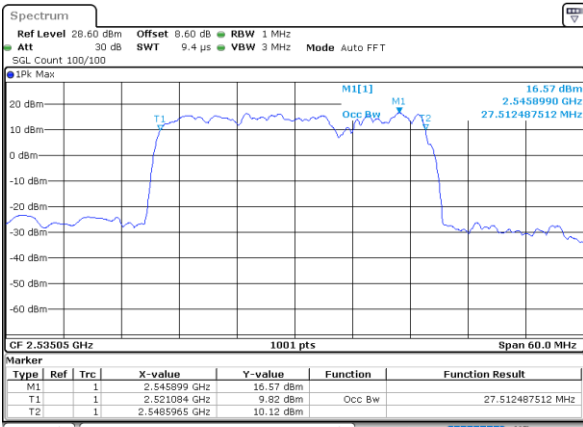
Date: 27.NOV.2023 17:11:24

Middle Channel / 15MHz+20MHz



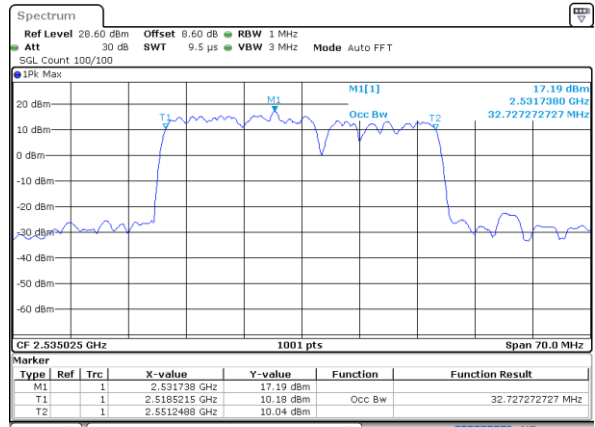
Date: 27.NOV.2023 19:25:15

Middle Channel / 20MHz+10MHz



Date: 27.NOV.2023 16:08:41

Middle Channel / 20MHz+15MHz



Date: 27.NOV.2023 19:56:01

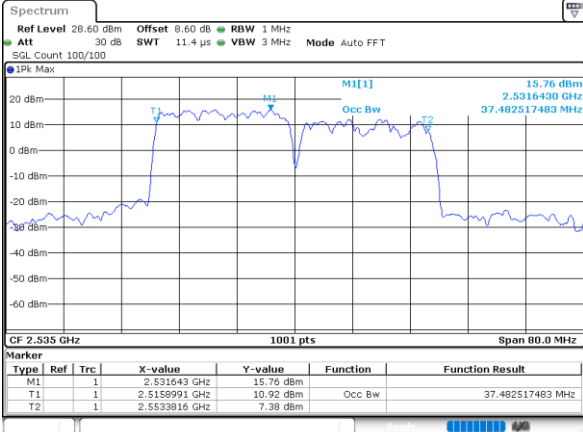


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 27_Nov_2023 20:26:32

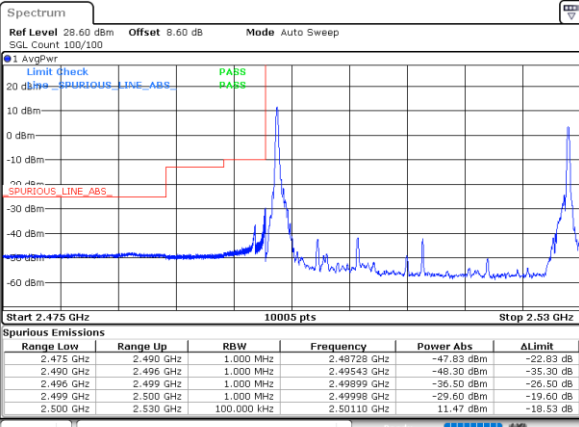


Conducted Band Edge

LTE Band 7C / 10MHz+20MHz

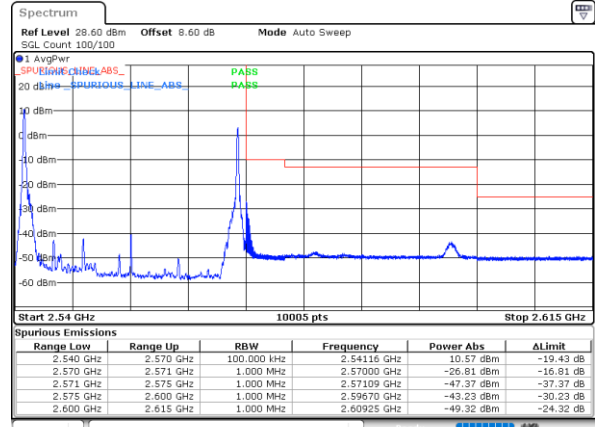
QPSK

Lowest Band Edge / 1RB0 and 1RB99



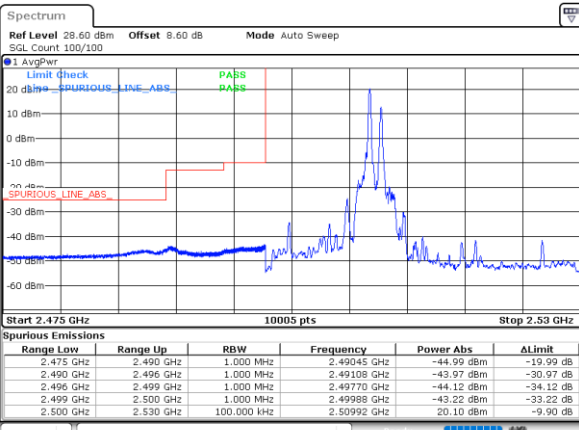
Date: 27.NOV.2023 15:48:23

Highest Band Edge / 1RB0 and 1RB99



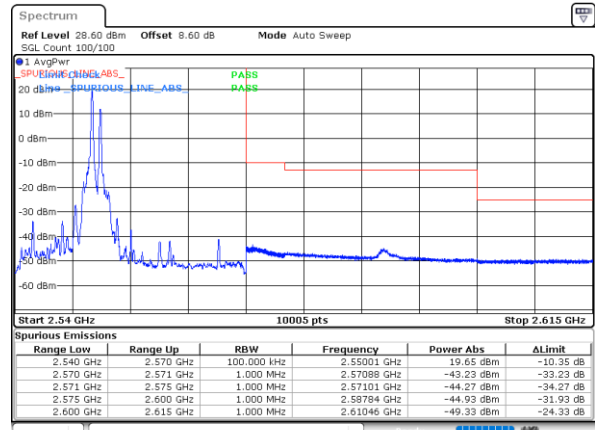
Date: 27.NOV.2023 15:58:10

Lowest Band Edge / 1RB49 and 1RB0



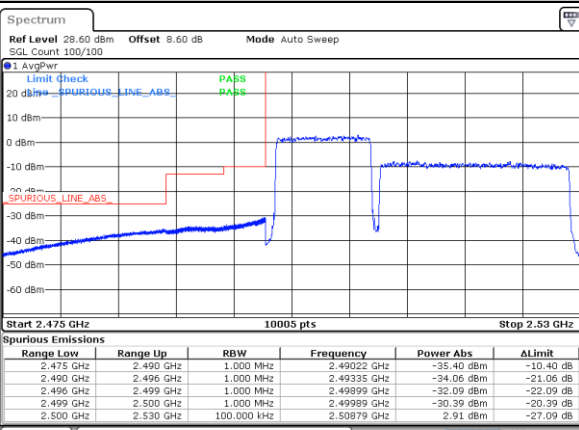
Date: 27.NOV.2023 15:41:32

Highest Band Edge / 1RB49 and 1RB0



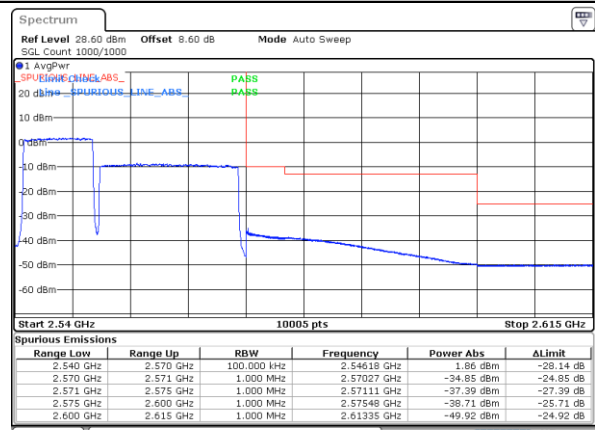
Date: 27.NOV.2023 16:04:58

Lowest Band Edge / Full RB



Date: 27.NOV.2023 15:49:45

Highest Band Edge / Full RB



Date: 28.NOV.2023 10:37:41

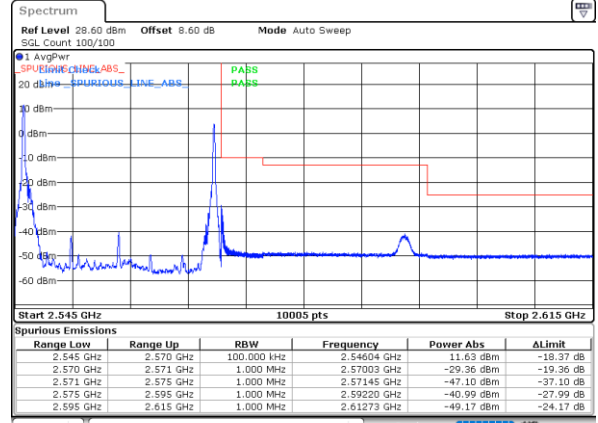
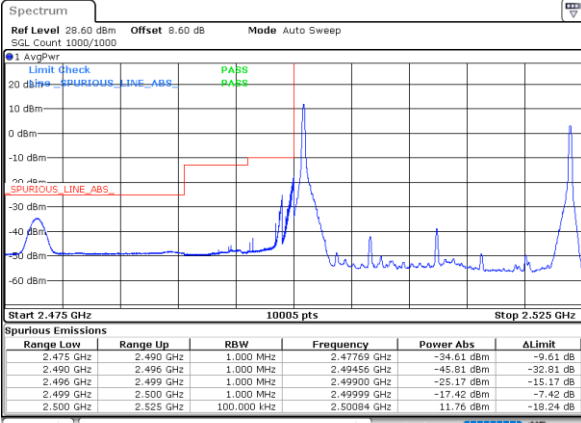


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

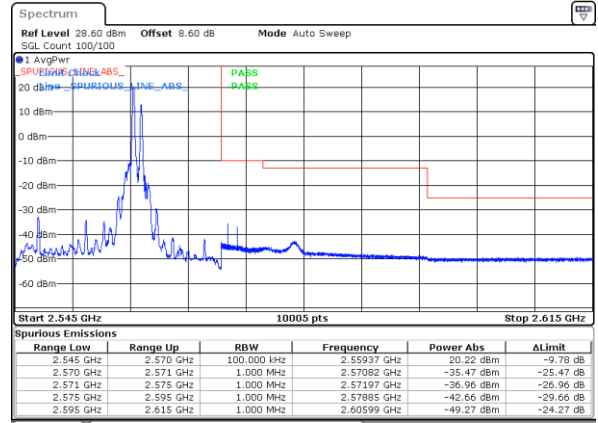
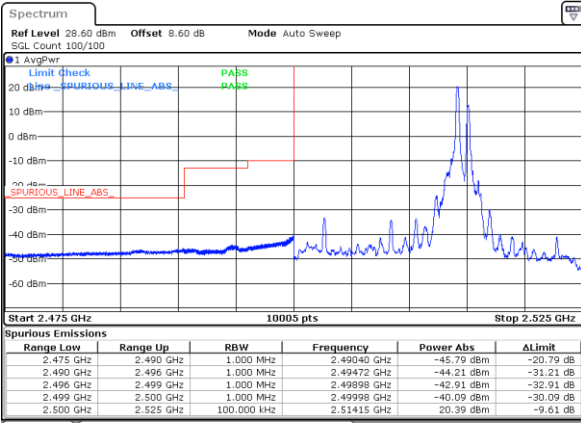


Date: 29.NOV.2023 10:31:19

Date: 27.NOV.2023 21:26:33

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

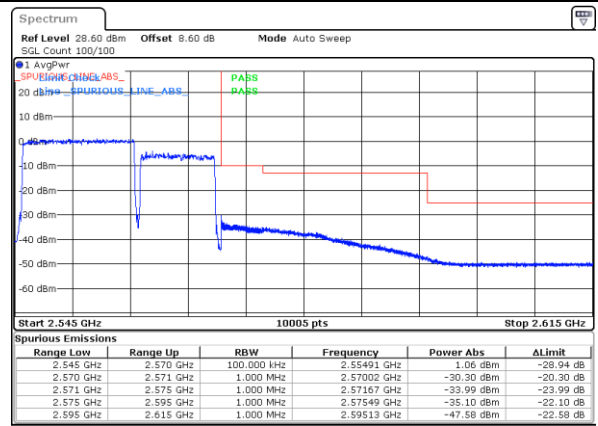
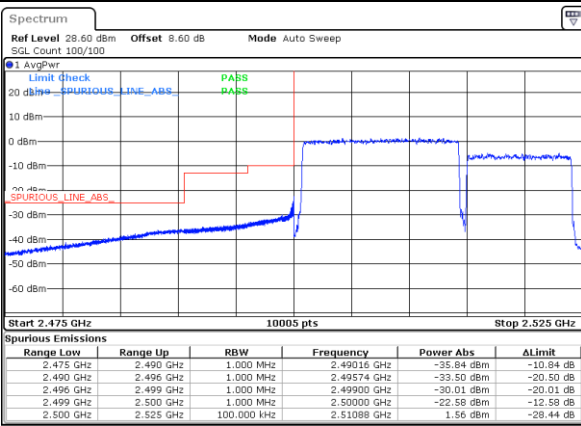


Date: 27.NOV.2023 21:10:34

Date: 27.NOV.2023 21:26:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 21:18:11

Date: 27.NOV.2023 21:25:17

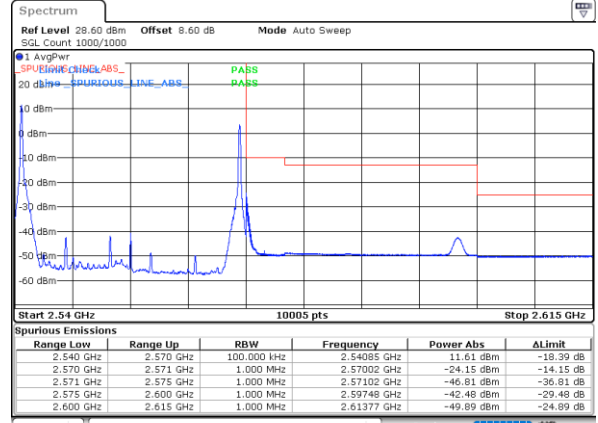
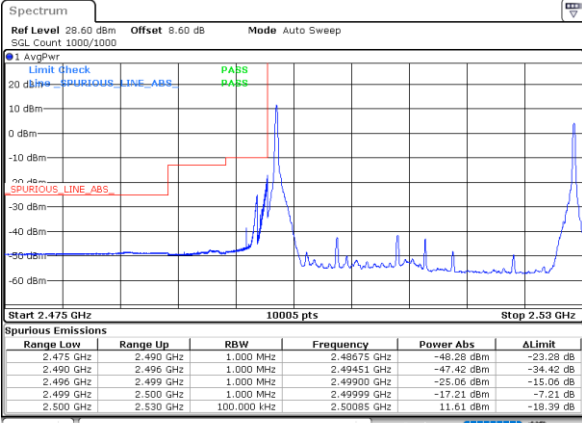


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

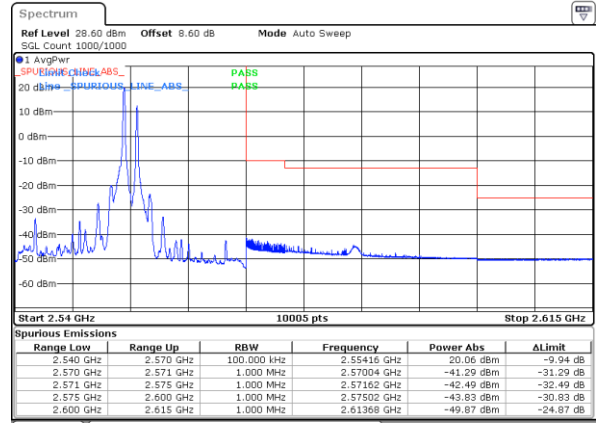
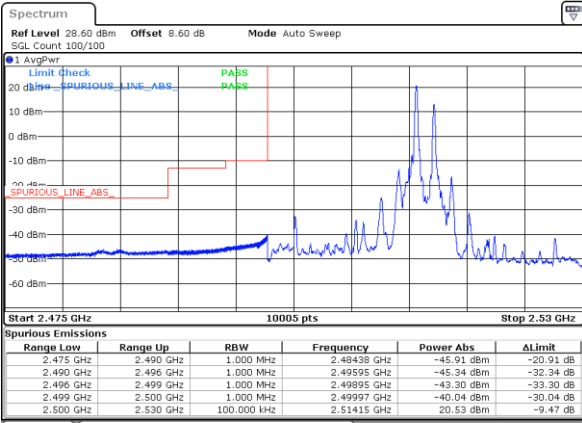


Date: 28.NOV.2023 10:25:43

Date: 28.NOV.2023 10:27:18

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

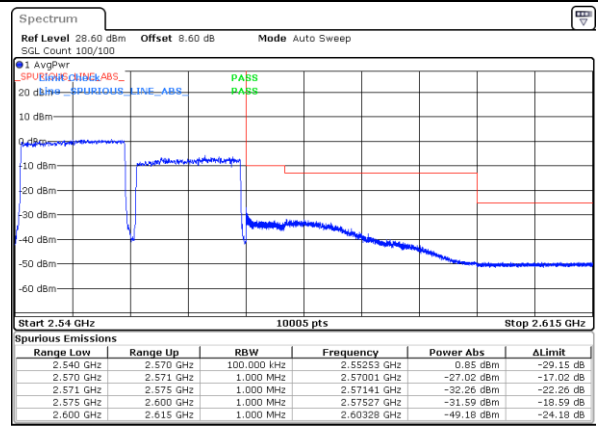
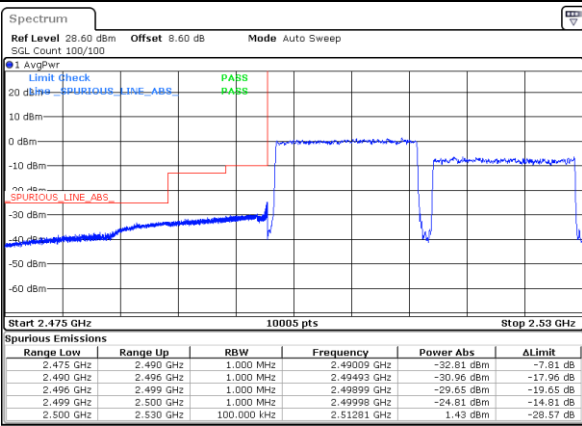


Date: 27.NOV.2023 17:15:27

Date: 28.NOV.2023 10:29:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 17:23:30

Date: 27.NOV.2023 17:30:41

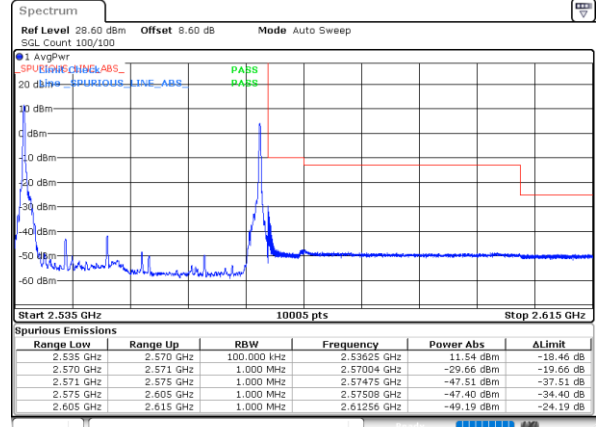
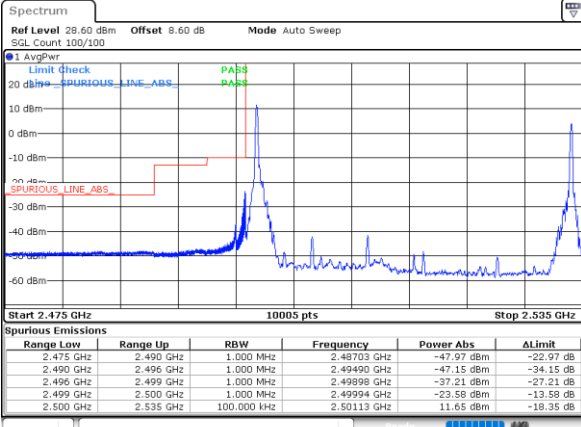


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

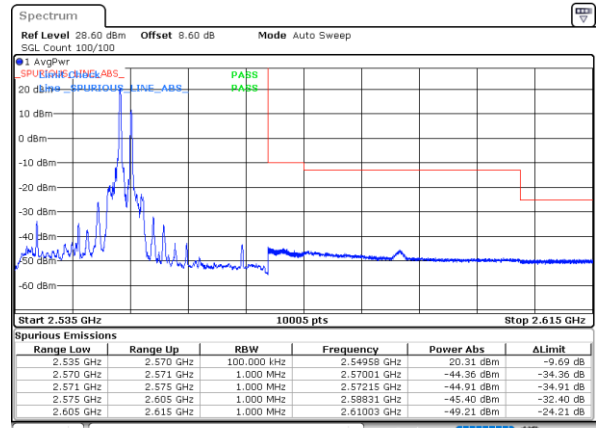
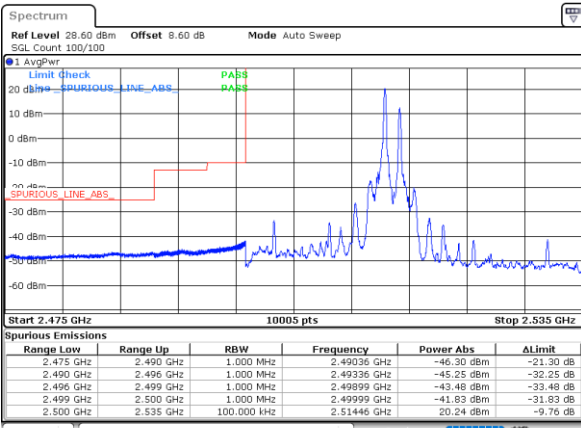


Date: 27.NOV.2023 19:36:19

Date: 27.NOV.2023 19:45:57

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

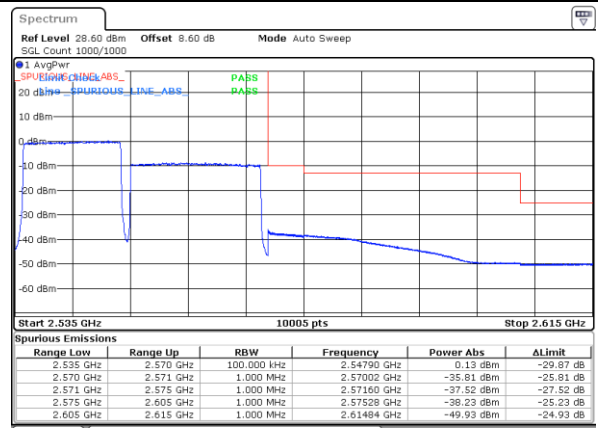
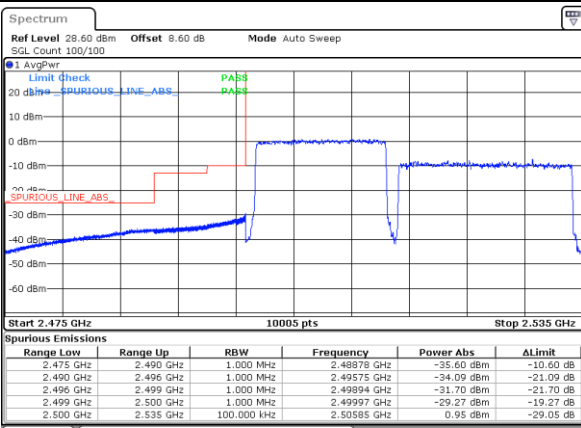


Date: 27.NOV.2023 19:29:58

Date: 27.NOV.2023 19:52:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 19:37:35

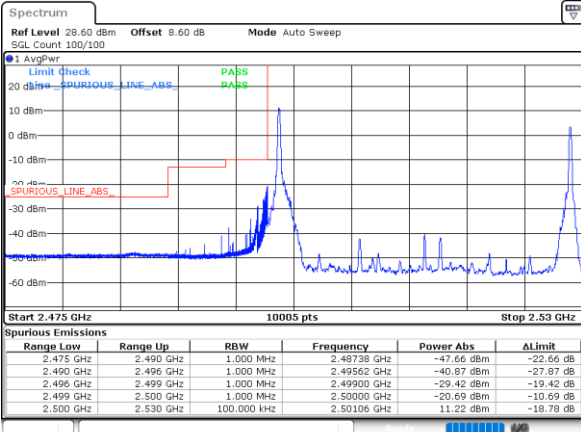
Date: 28.NOV.2023 10:16:42



LTE Band 7C / 20MHz+10MHz

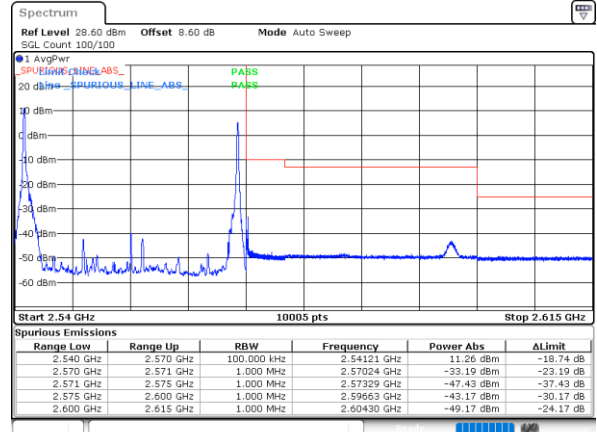
QPSK

Lowest Band Edge / 1RB0 and 1RB49



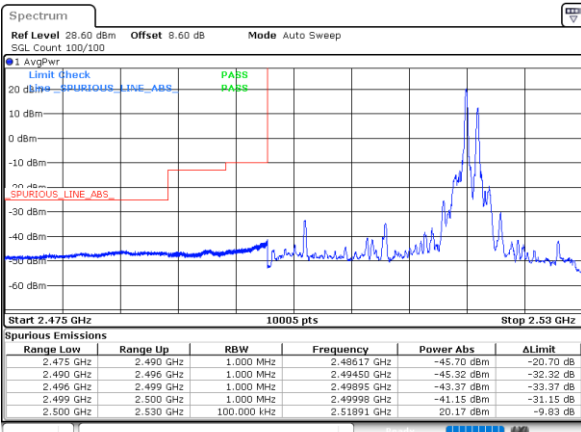
Date: 27.NOV.2023 16:51:14

Highest Band Edge / 1RB0 and 1RB49



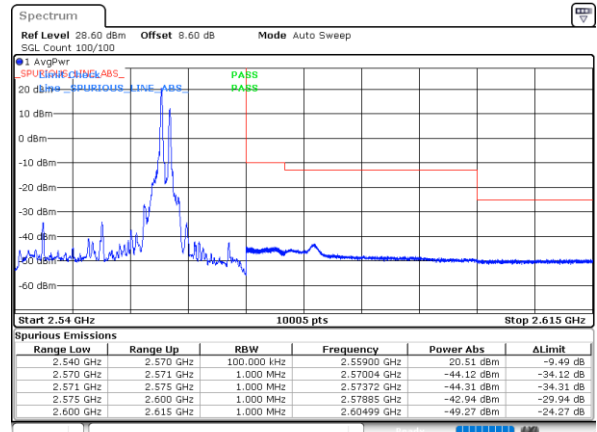
Date: 27.NOV.2023 17:01:01

Lowest Band Edge / 1RB99 and 1RB0



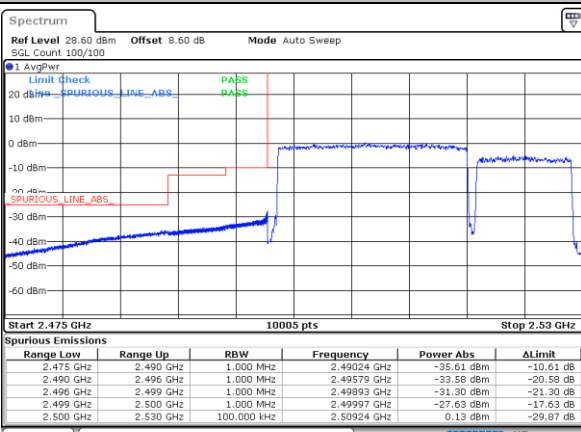
Date: 27.NOV.2023 16:44:22

Highest Band Edge / 1RB99 and 1RB0



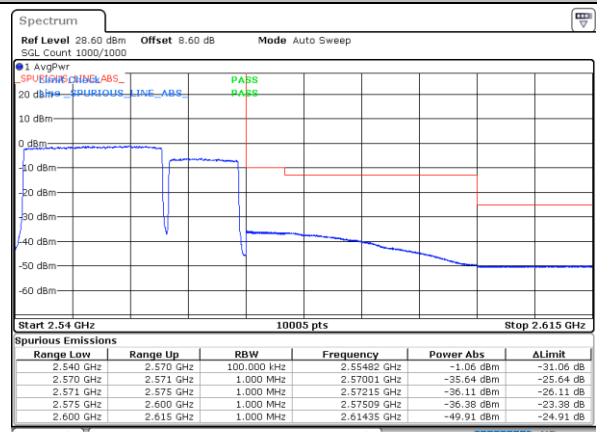
Date: 27.NOV.2023 17:07:49

Lowest Band Edge / Full RB



Date: 27.NOV.2023 16:52:36

Highest Band Edge / Full RB



Date: 28.NOV.2023 10:12:53

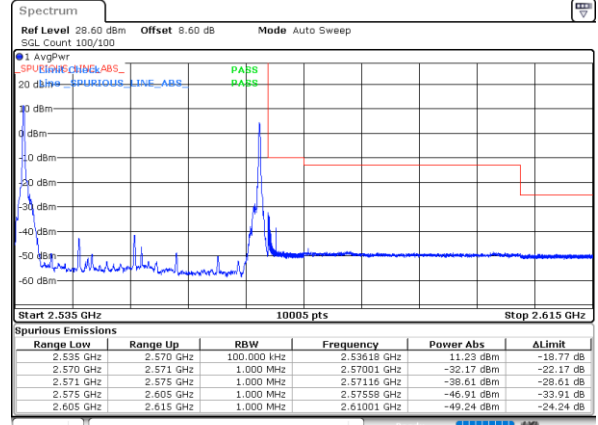
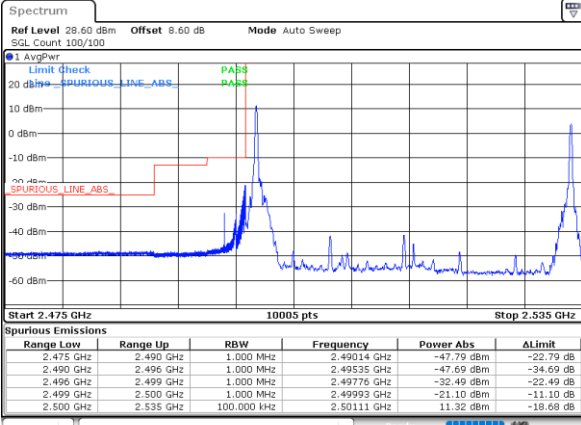


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

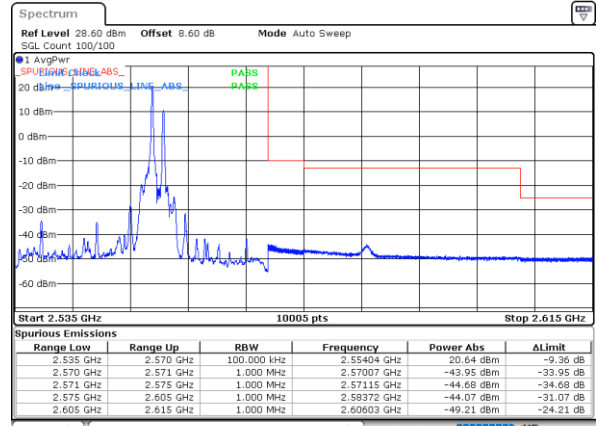
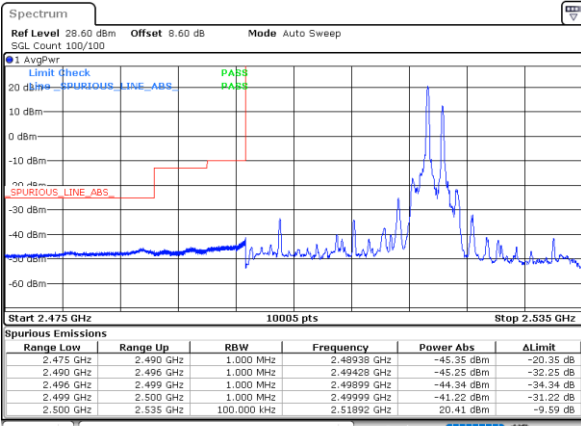


Date: 27.NOV.2023 20:06:55

Date: 27.NOV.2023 20:16:32

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

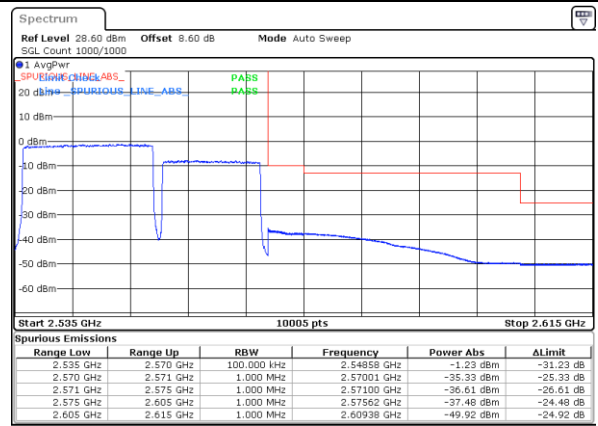
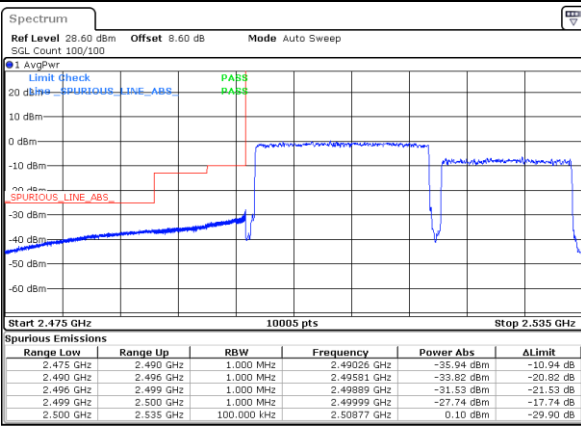


Date: 27.NOV.2023 20:00:34

Date: 27.NOV.2023 20:22:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 20:08:11

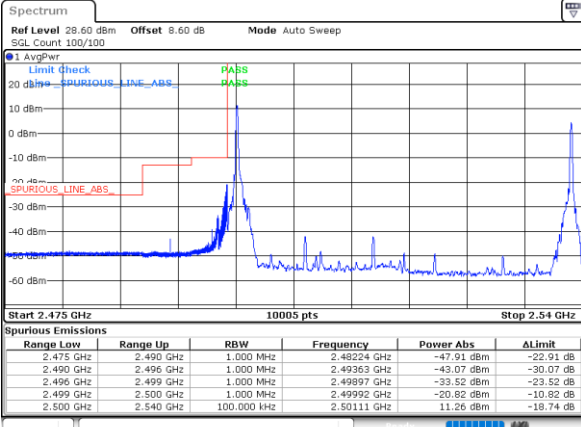
Date: 28.NOV.2023 10:05:23



LTE Band 7C / 20MHz+20MHz

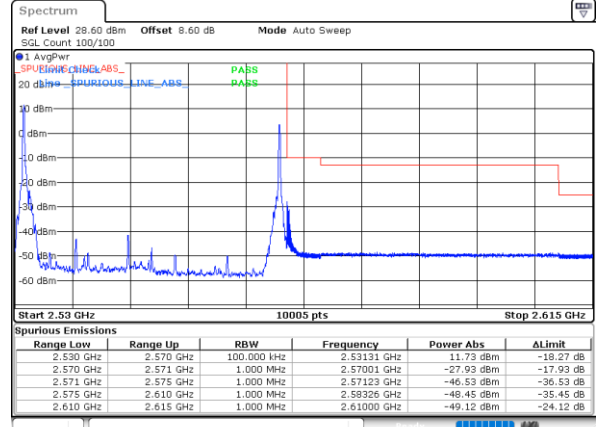
QPSK

Lowest Band Edge / 1RB0 and 1RB9



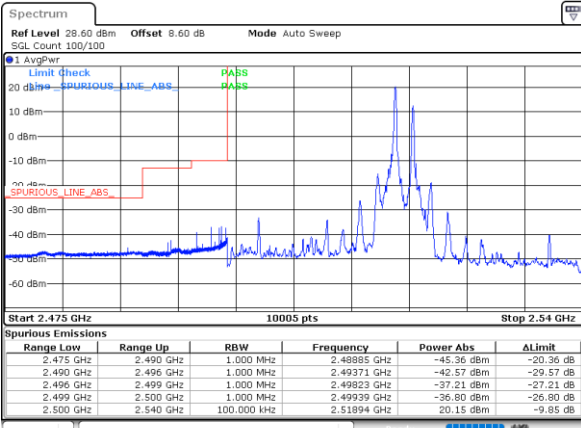
Date: 27.NOV.2023 20:36:45

Highest Band Edge / 1RB0 and 1RB9



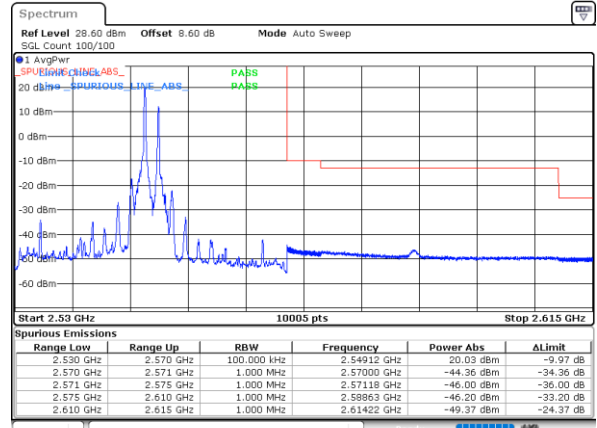
Date: 27.NOV.2023 20:46:20

Lowest Band Edge / 1RB99 and 1RB0



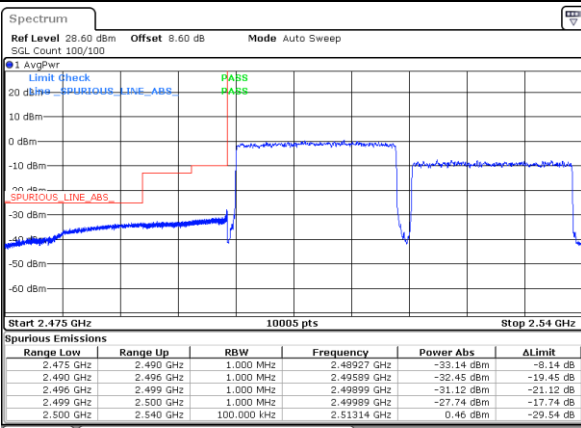
Date: 27.NOV.2023 20:30:24

Highest Band Edge / 1RB99 and 1RB0



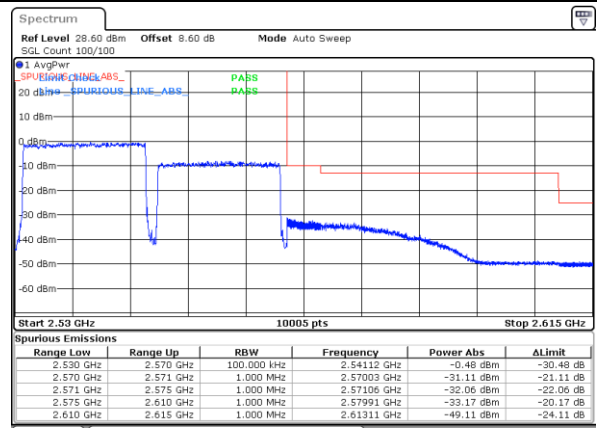
Date: 27.NOV.2023 20:52:38

Lowest Band Edge / Full RB



Date: 27.NOV.2023 20:38:01

Highest Band Edge / Full RB



Date: 27.NOV.2023 20:45:04