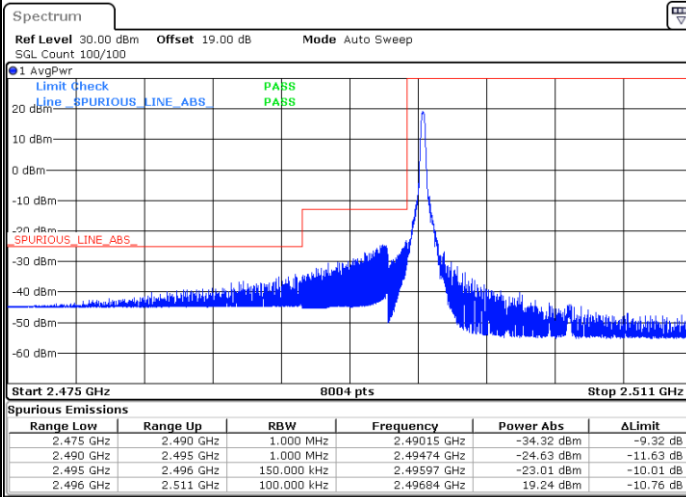




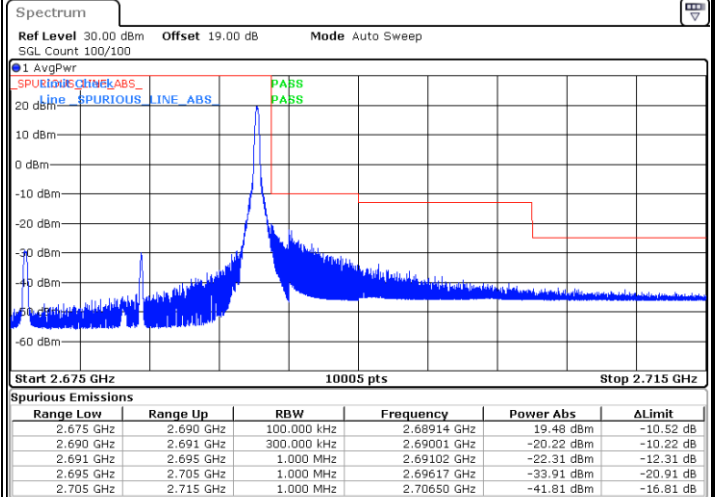
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1RB



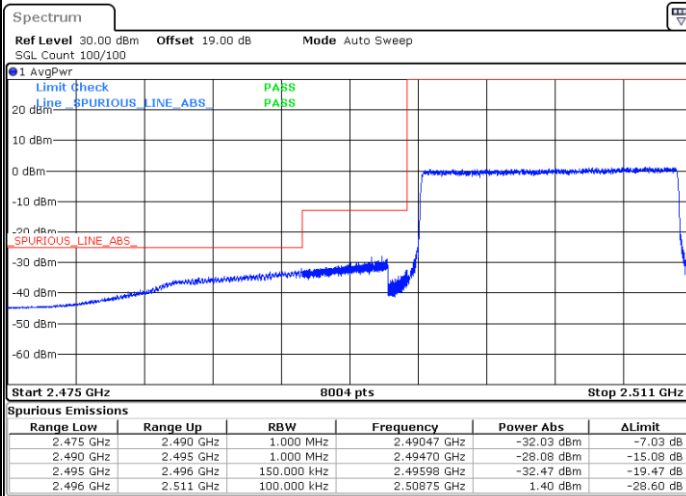
Date: 17.JAN.2024 04:39:19

Highest Band Edge / 1 RB



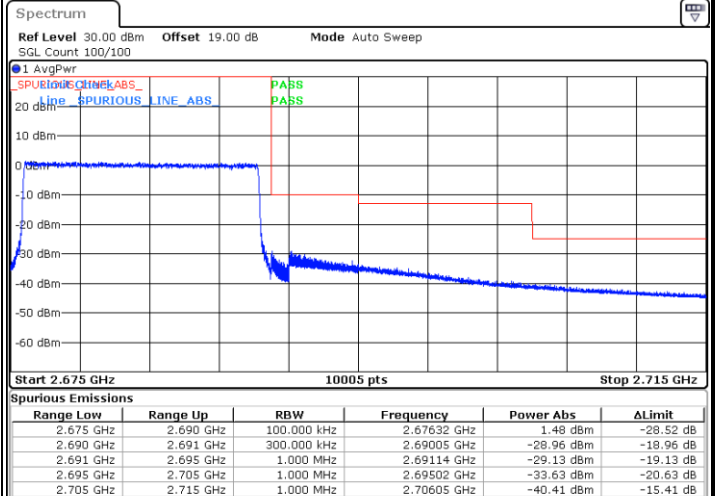
Date: 17.JAN.2024 04:49:15

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:42:26

Highest Band Edge / Full RB

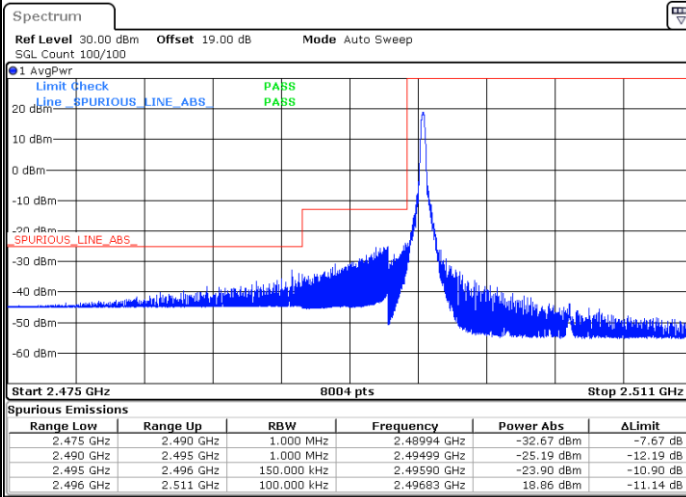


Date: 17.JAN.2024 04:52:21



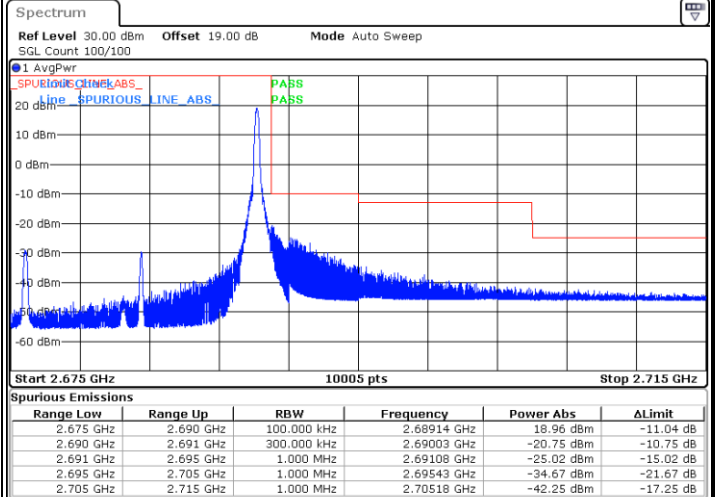
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1RB



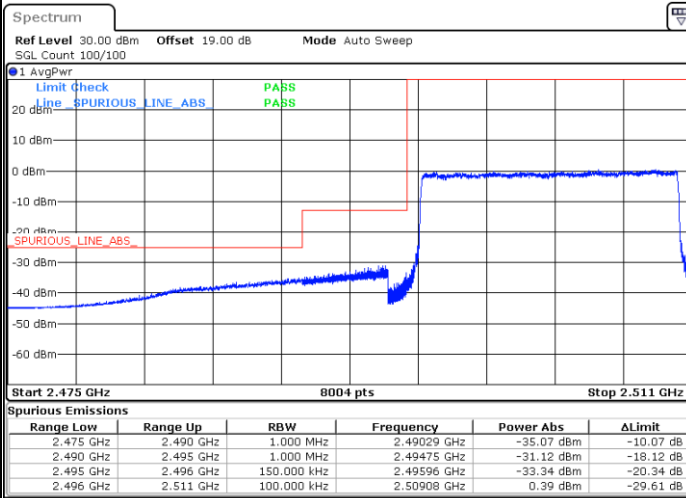
Date: 17.JAN.2024 04:40:21

Highest Band Edge / 1 RB



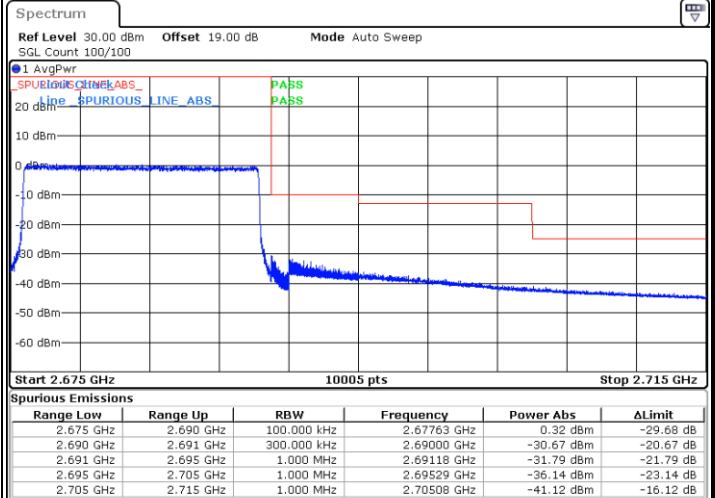
Date: 17.JAN.2024 04:50:17

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:41:24

Highest Band Edge / Full RB

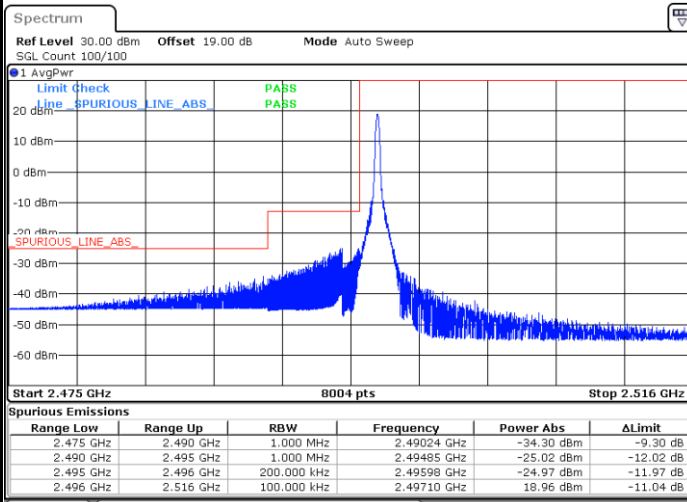


Date: 17.JAN.2024 04:51:19



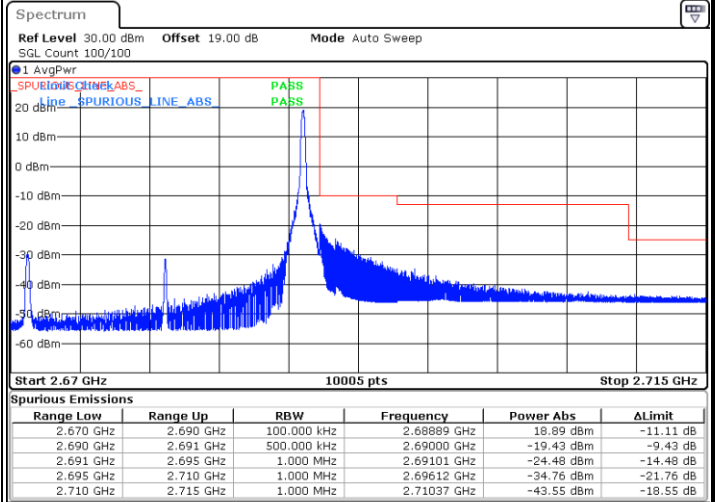
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



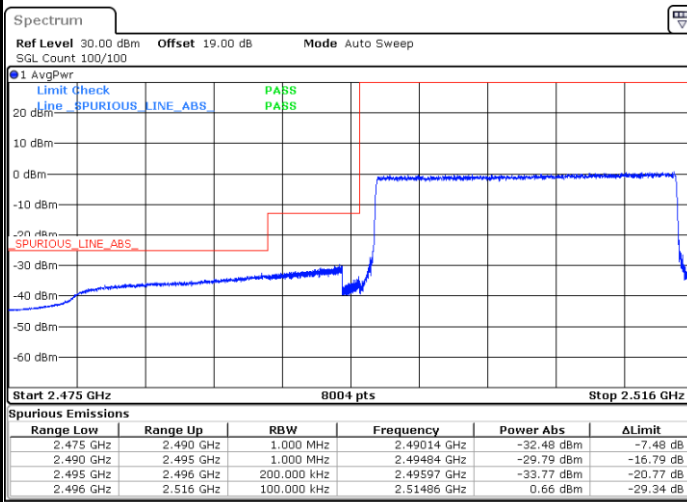
Date: 17.JAN.2024 04:56:25

Highest Band Edge / 1 RB



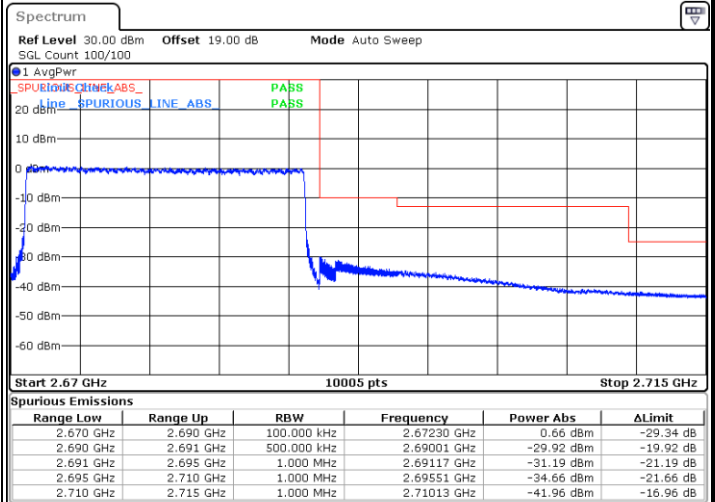
Date: 17.JAN.2024 05:07:45

Lowest Band Edge / Full RB



Date: 17.JAN.2024 05:01:37

Highest Band Edge / Full RB

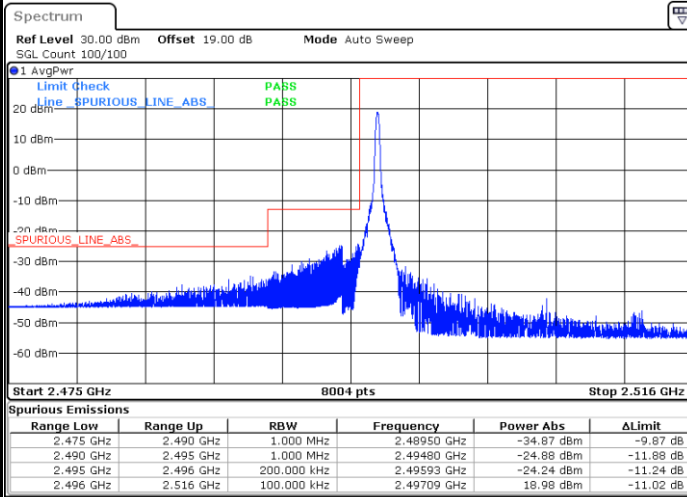


Date: 17.JAN.2024 05:12:55



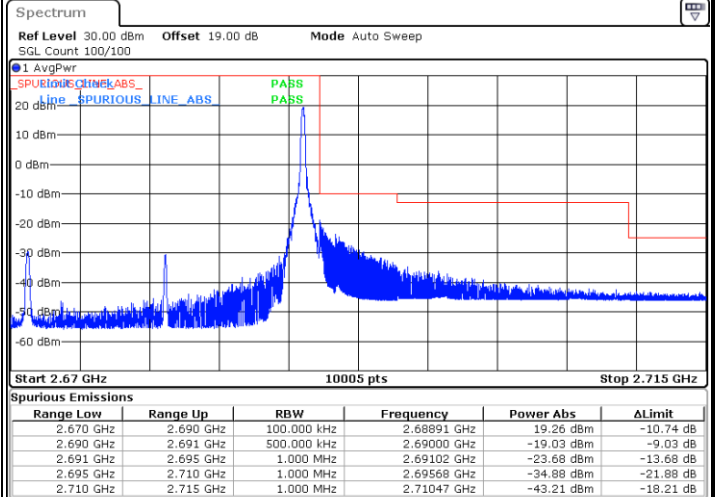
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1RB



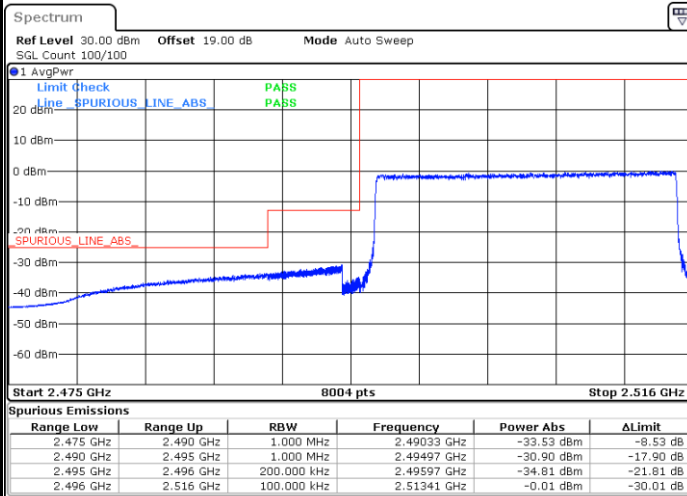
Date: 17.JAN.2024 04:57:27

Highest Band Edge / 1 RB



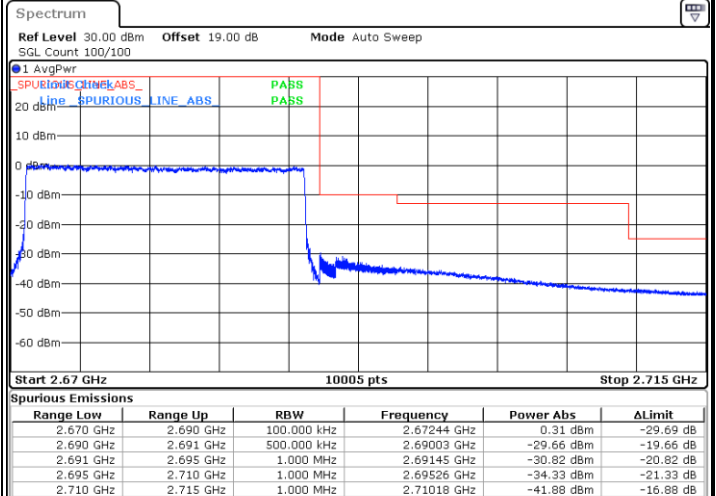
Date: 17.JAN.2024 05:08:47

Lowest Band Edge / Full RB



Date: 17.JAN.2024 05:00:34

Highest Band Edge / Full RB

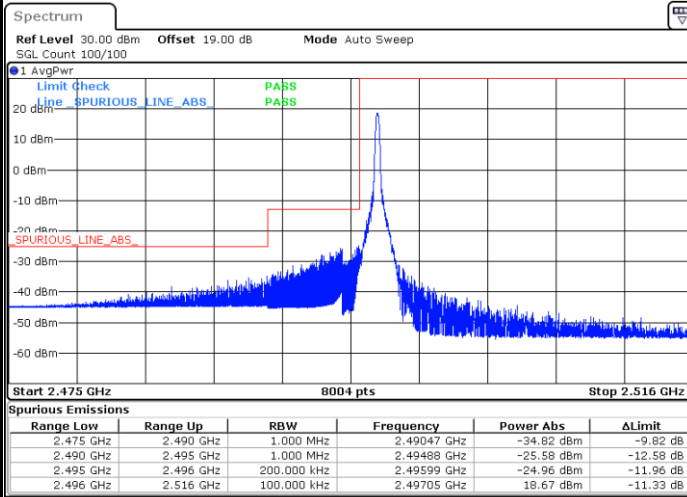


Date: 17.JAN.2024 05:11:53



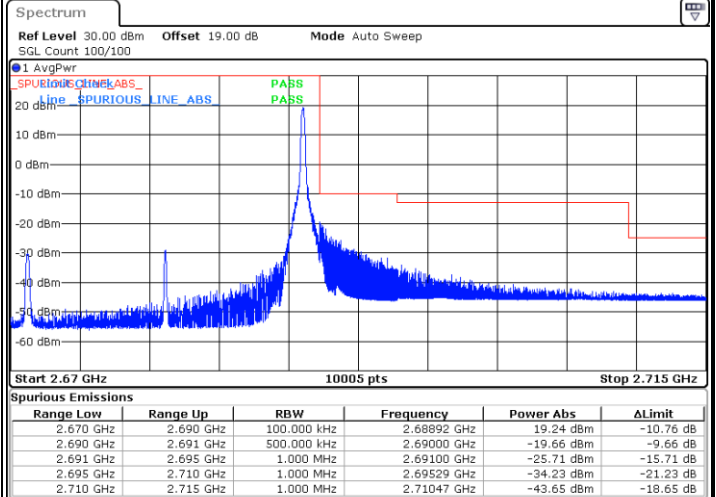
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1RB



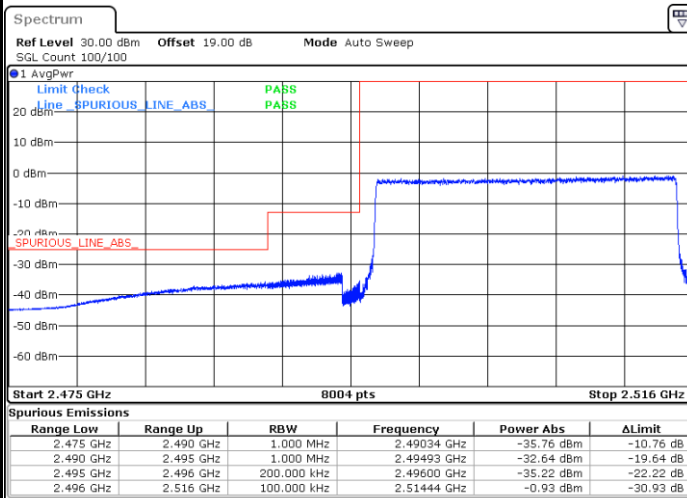
Date: 17.JAN.2024 04:58:29

Highest Band Edge / 1 RB



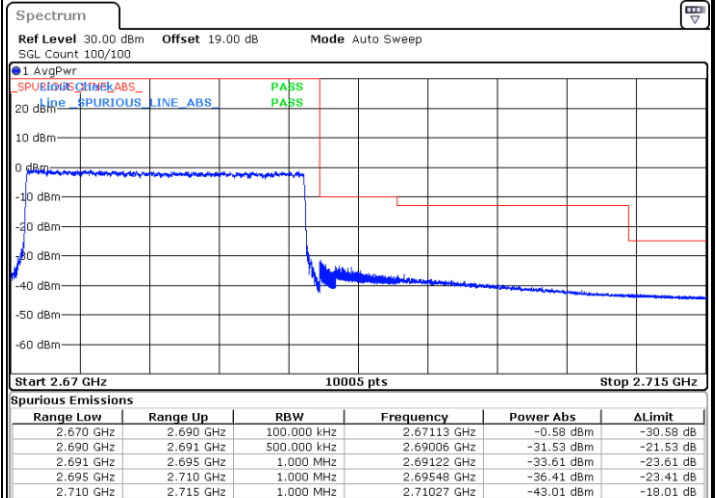
Date: 17.JAN.2024 05:09:49

Lowest Band Edge / Full RB



Date: 17.JAN.2024 04:59:31

Highest Band Edge / Full RB



Date: 17.JAN.2024 05:10:51

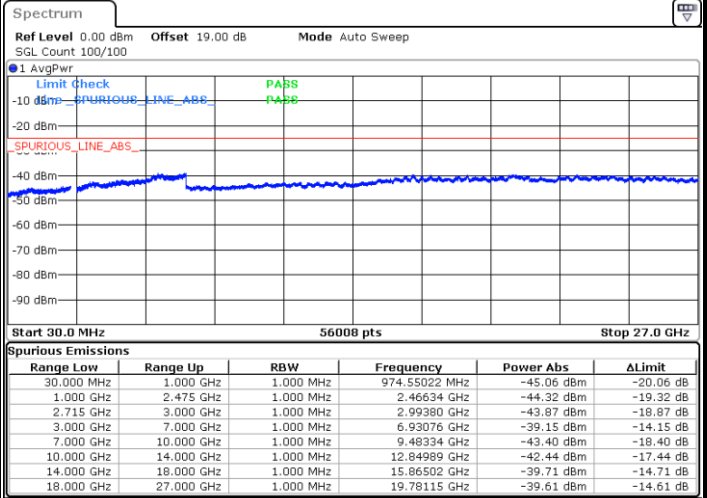
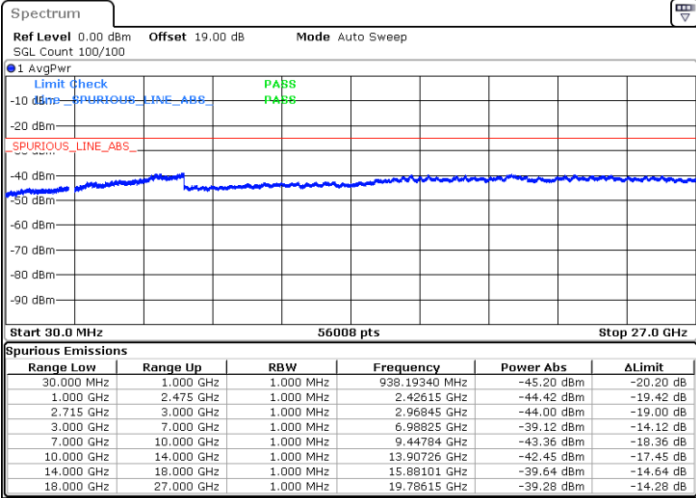


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

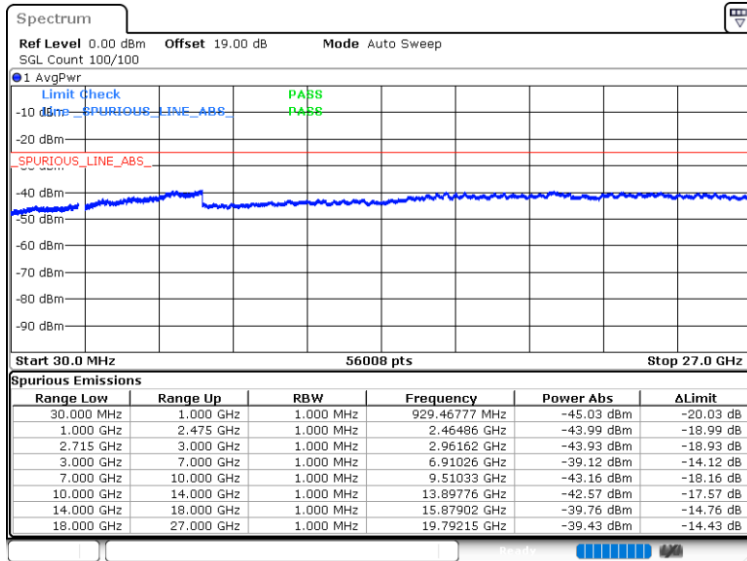
Middle Channel / QPSK



Date: 17.JAN.2024 04:08:02

Date: 17.JAN.2024 04:09:12

Highest Channel / QPSK



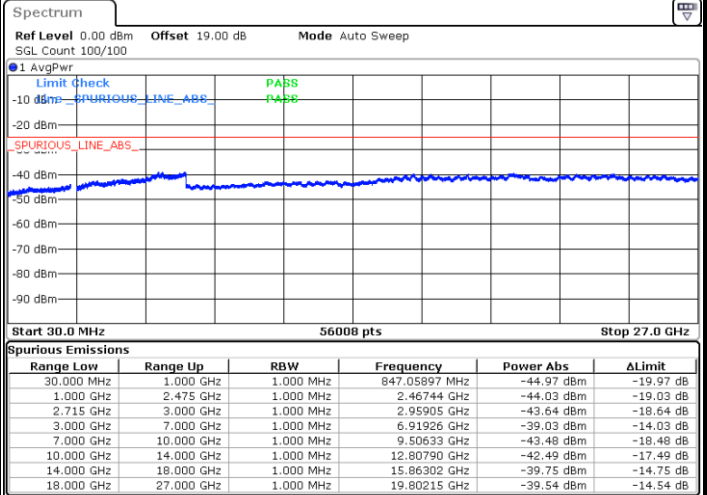
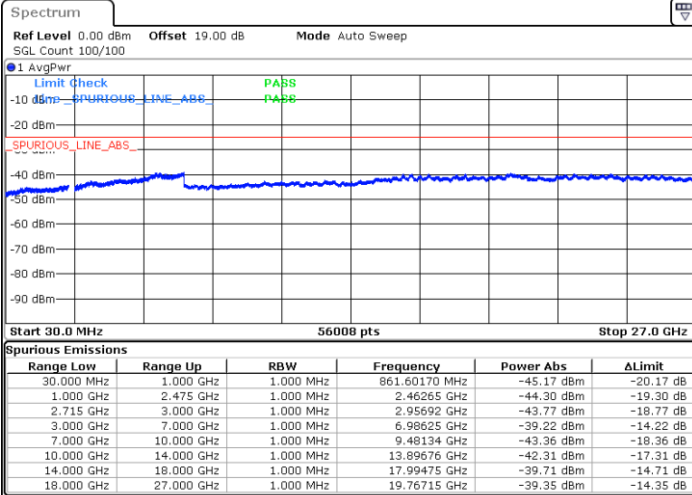
Date: 17.JAN.2024 04:18:15



LTE Band 41 / 10MHz

Lowest Channel / QPSK

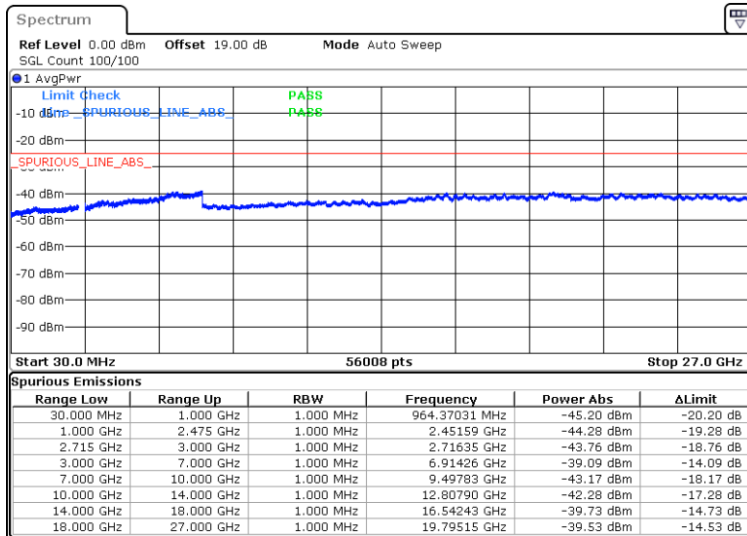
Middle Channel / QPSK



Date: 17.JAN.2024 04:26:29

Date: 17.JAN.2024 04:27:40

Highest Channel / QPSK



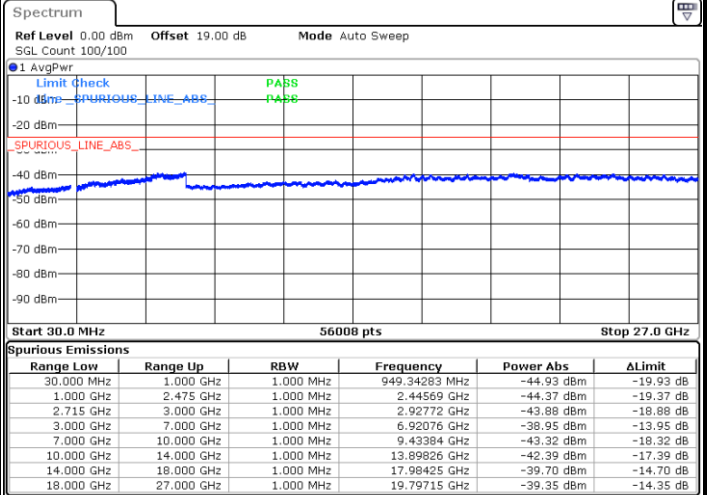
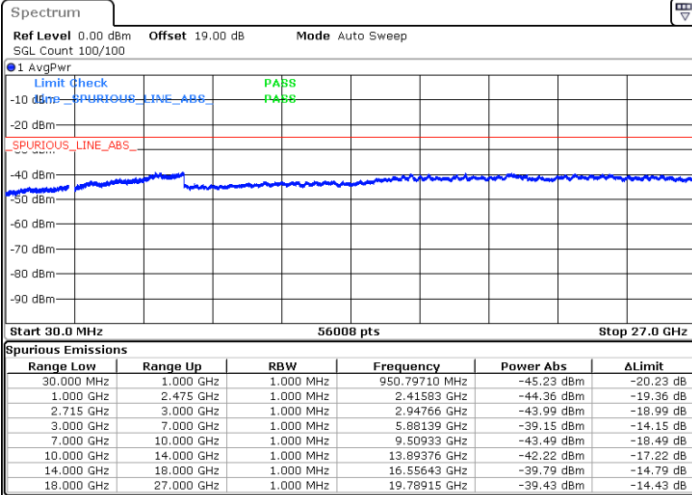
Date: 17.JAN.2024 04:36:26



LTE Band 41 / 15MHz

Lowest Channel / QPSK

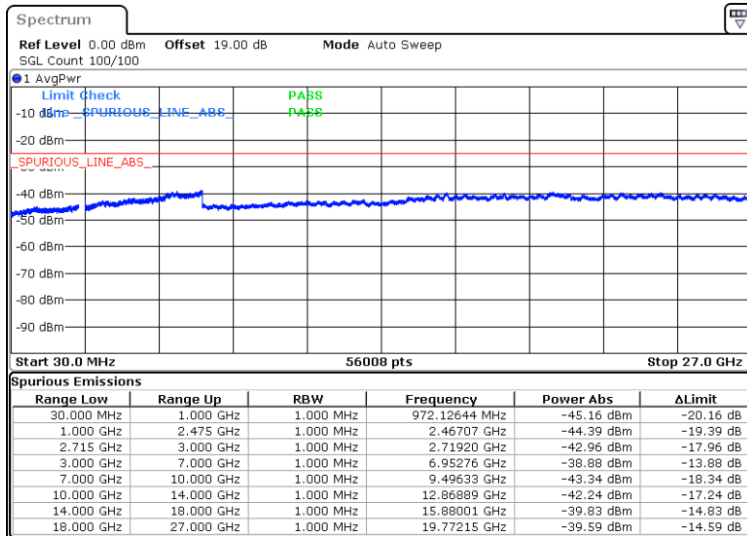
Middle Channel / QPSK



Date: 17.JAN.2024 04:44:39

Date: 17.JAN.2024 04:45:50

Highest Channel / QPSK



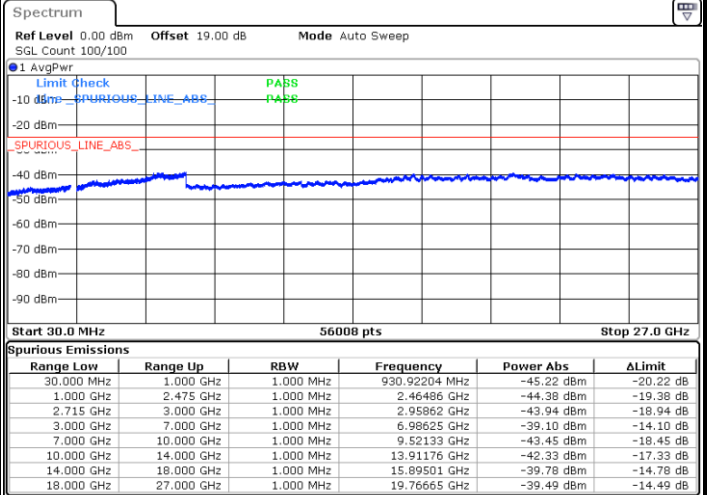
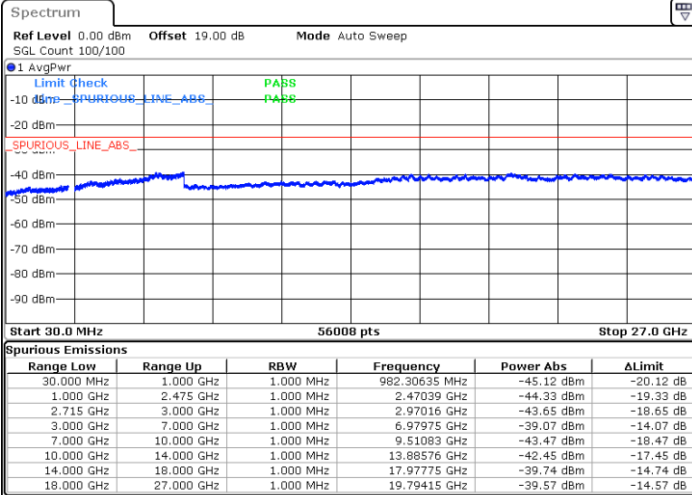
Date: 17.JAN.2024 04:54:34



LTE Band 41 / 20MHz

Lowest Channel / QPSK

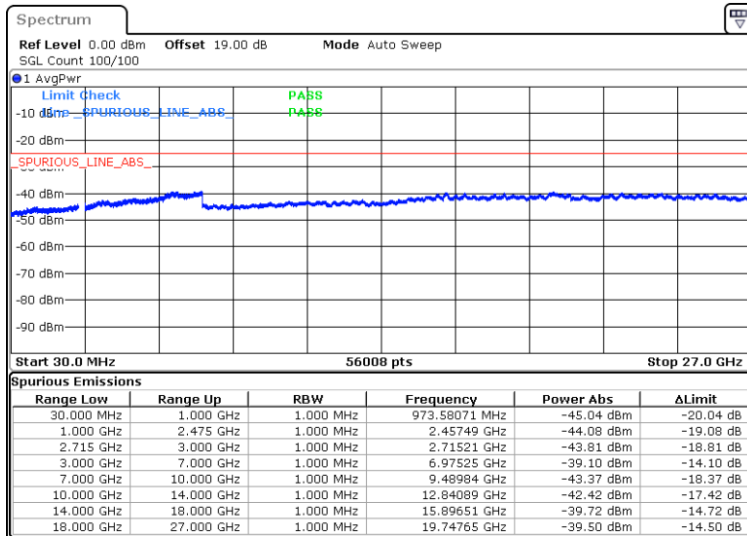
Middle Channel / QPSK



Date: 17.JAN.2024 05:02:48

Date: 17.JAN.2024 05:03:59

Highest Channel / QPSK



Date: 17.JAN.2024 05:14:07



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	0.0004	PASS
40	Normal Voltage	0.0003	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0001	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0016	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

1. Normal Voltage = 3.91 V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage = 4.4 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band CA_7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.79	25.33	30.63	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.83	39.80	

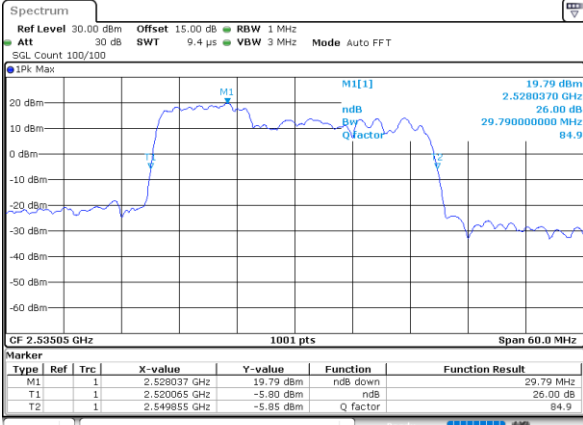
Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.28	30.51	35.04
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.97	35.18	39.64	



LTE Band 7C

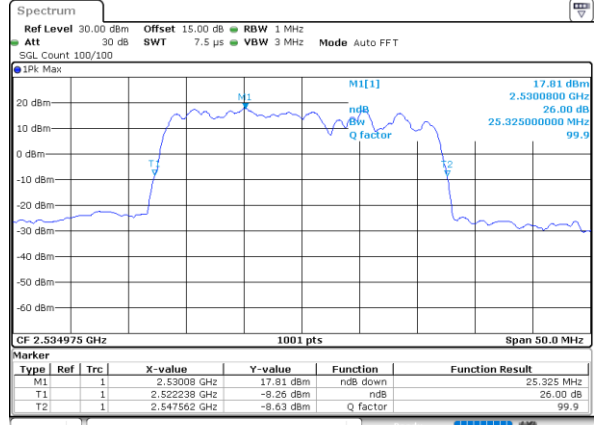
QPSK

Middle Channel / 10MHz+20MHz



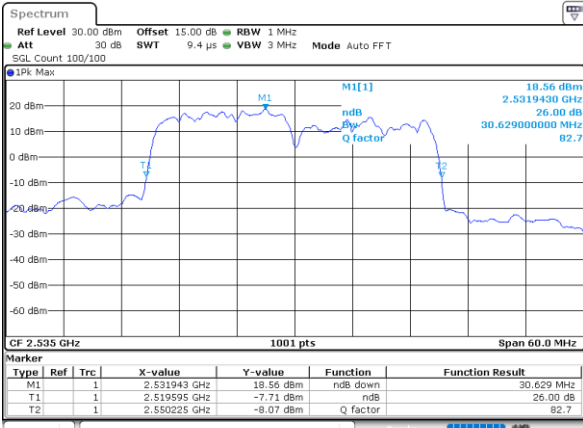
Date: 11.JAN.2024 00:15:49

Middle Channel / 15MHz+10MHz



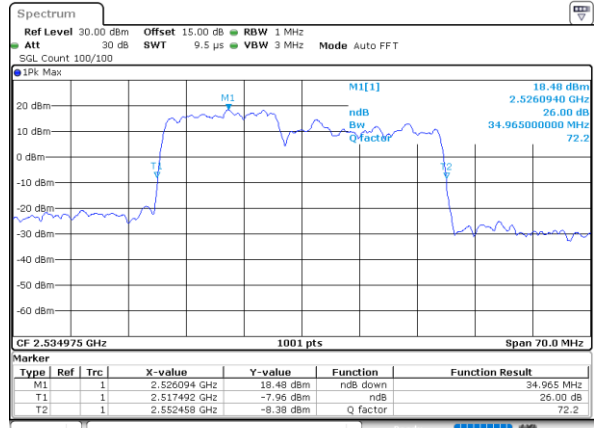
Date: 16.JAN.2024 00:15:44

Middle Channel / 15MHz+15MHz



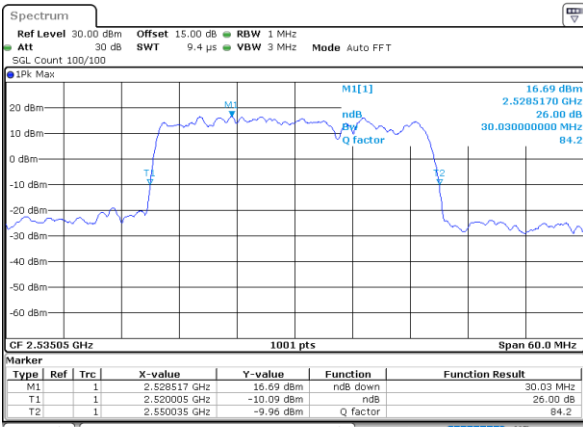
Date: 11.JAN.2024 18:13:37

Middle Channel / 15MHz+20MHz



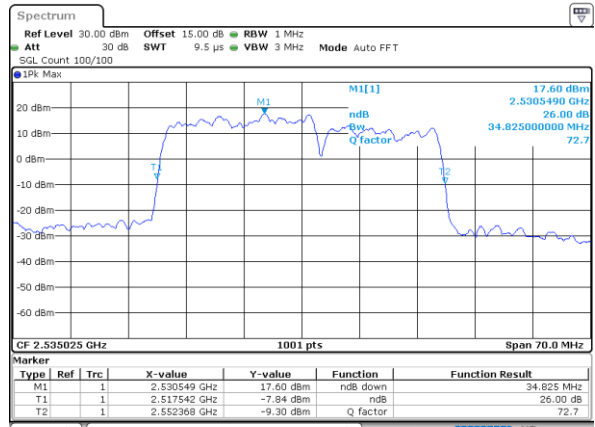
Date: 11.JAN.2024 18:16:26

Middle Channel / 20MHz+10MHz



Date: 11.JAN.2024 17:49:42

Middle Channel / 20MHz+15MHz



Date: 15.JAN.2024 23:15:05

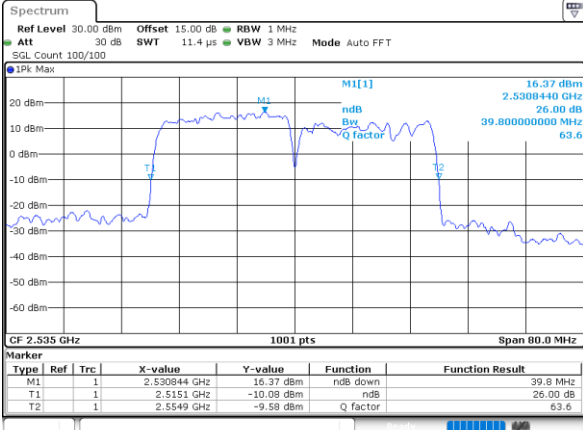


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

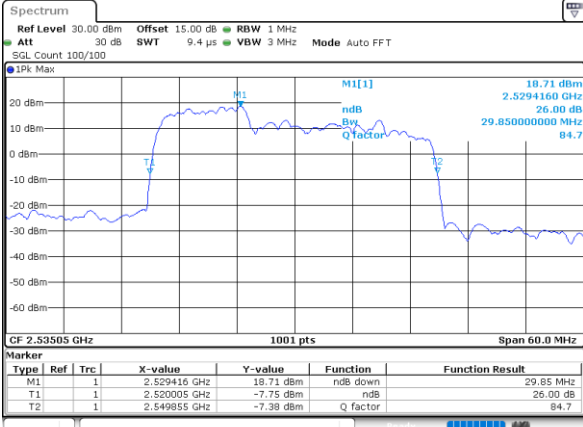




LTE Band 7C

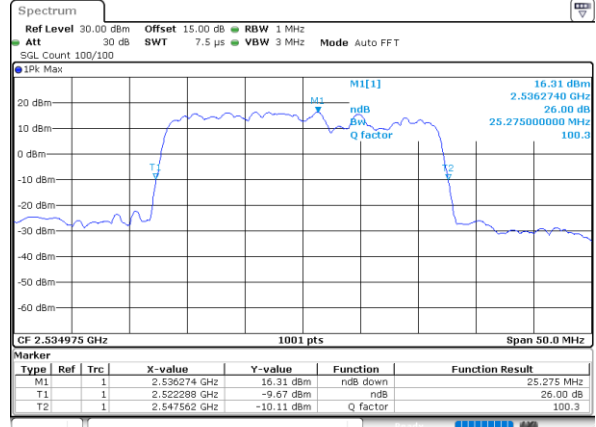
16QAM

Middle Channel / 10MHz+20MHz



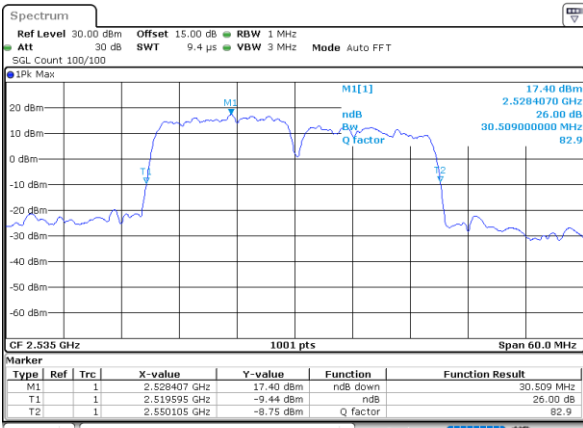
Date: 11.JAN.2024 00:16:21

Middle Channel / 15MHz+10MHz



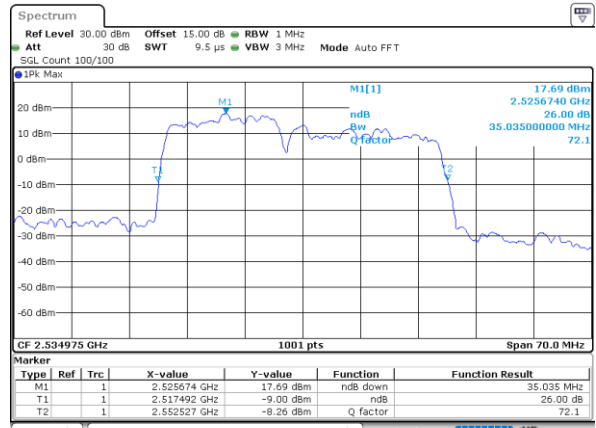
Date: 16.JAN.2024 01:00:16

Middle Channel / 15MHz+15MHz



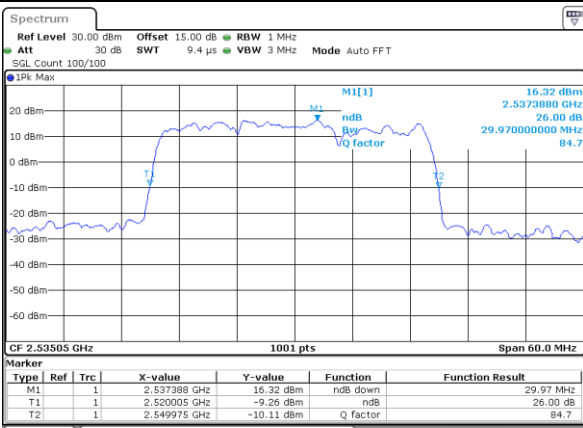
Date: 11.JAN.2024 18:14:06

Middle Channel / 15MHz+20MHz



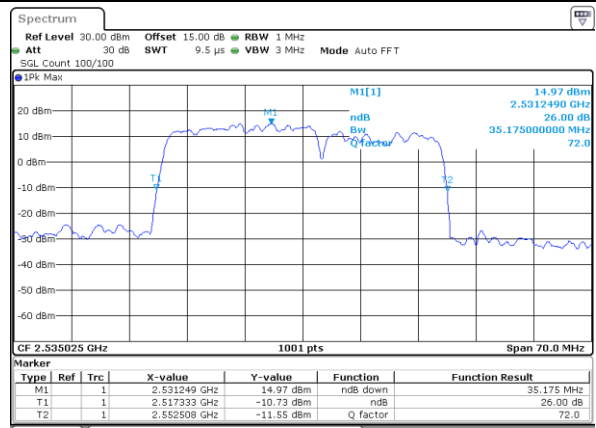
Date: 11.JAN.2024 18:36:58

Middle Channel / 20MHz+10MHz



Date: 11.JAN.2024 17:50:13

Middle Channel / 20MHz+15MHz



Date: 15.JAN.2024 23:54:37

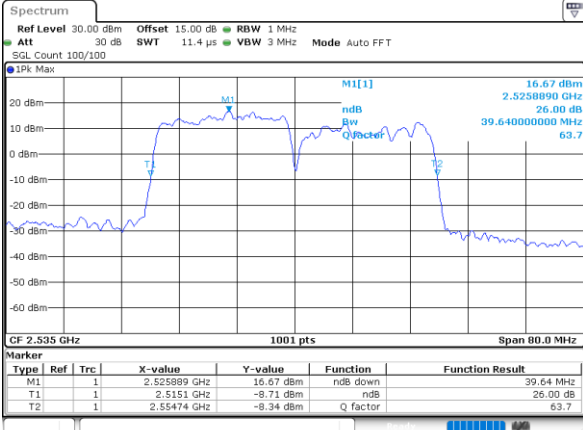


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 16_JAN_2024 00:20:42



Occupied Bandwidth

Mode	LTE Band 7C : 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.69	23.53	28.47	32.38
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.93	32.73	37.88	

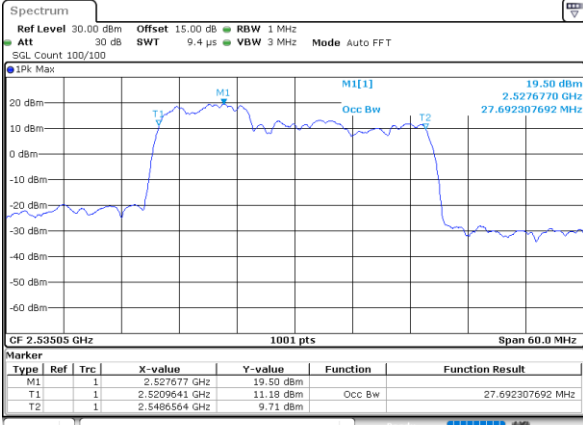
Mode	LTE Band 7C : 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	27.75	23.58	28.41	32.66
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	27.87	32.59	37.48	



LTE Band 7C

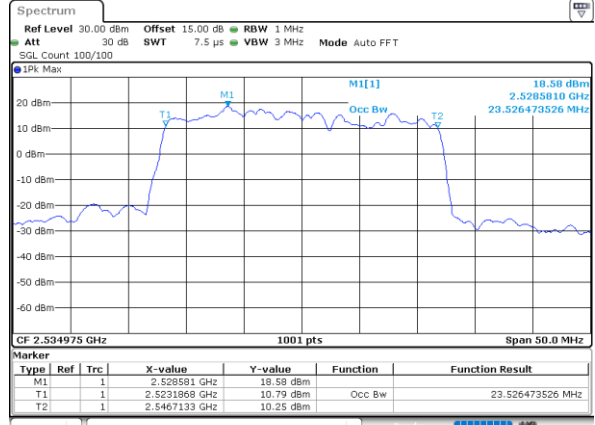
QPSK

Middle Channel / 10MHz+20MHz



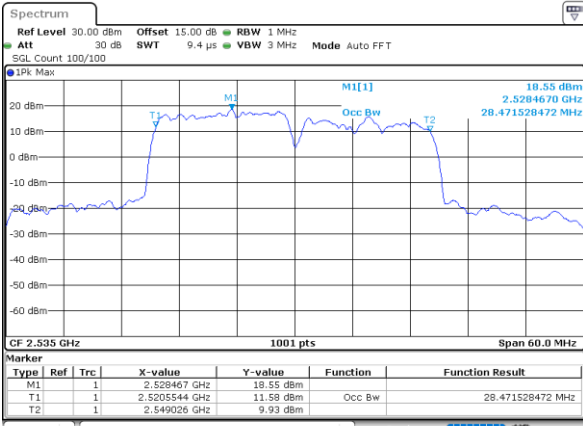
Date: 11, JAN, 2024 00:15:17

Middle Channel / 15MHz+10MHz



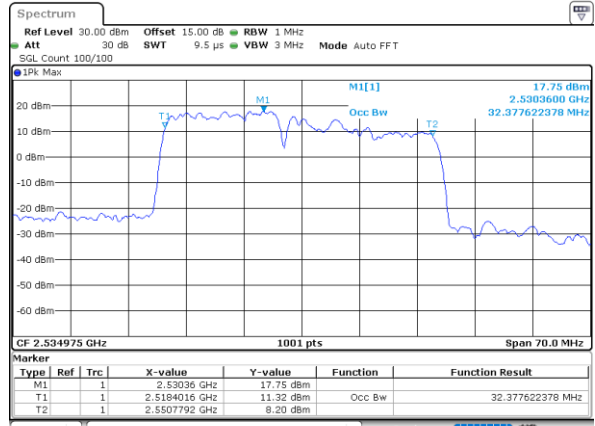
Date: 16, JAN, 2024 00:59:13

Middle Channel / 15MHz+15MHz



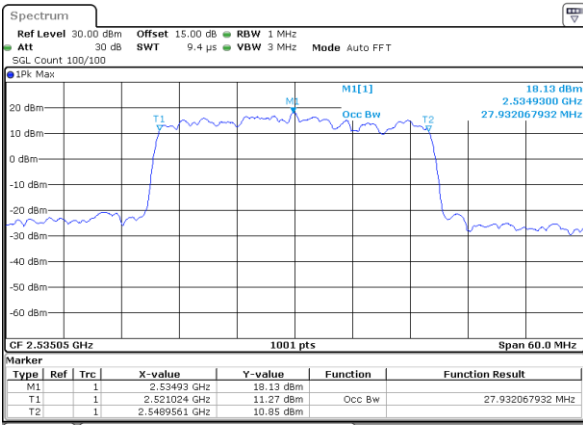
Date: 11, JAN, 2024 18:13:09

Middle Channel / 15MHz+20MHz



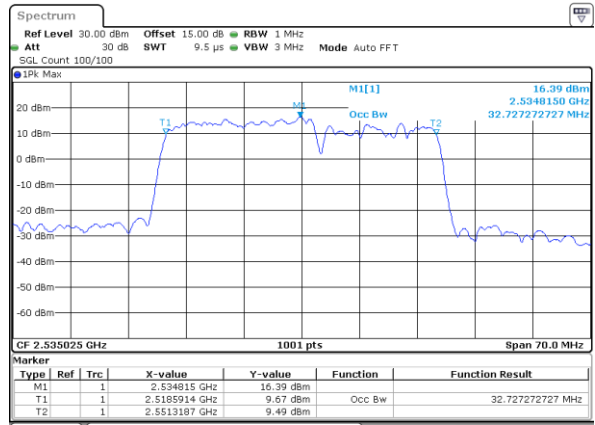
Date: 11, JAN, 2024 18:35:54

Middle Channel / 20MHz+10MHz



Date: 11, JAN, 2024 17:49:10

Middle Channel / 20MHz+15MHz



Date: 15, JAN, 2024 23:53:33

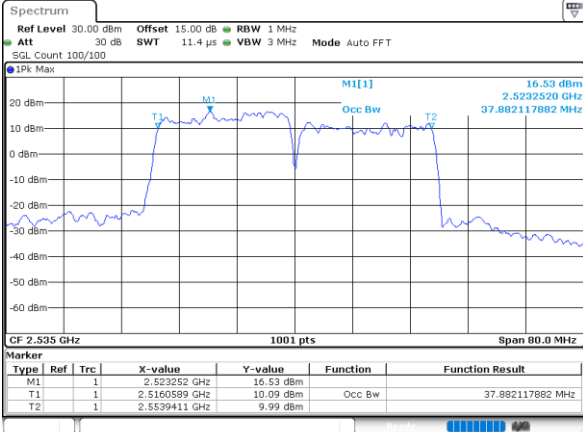


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A



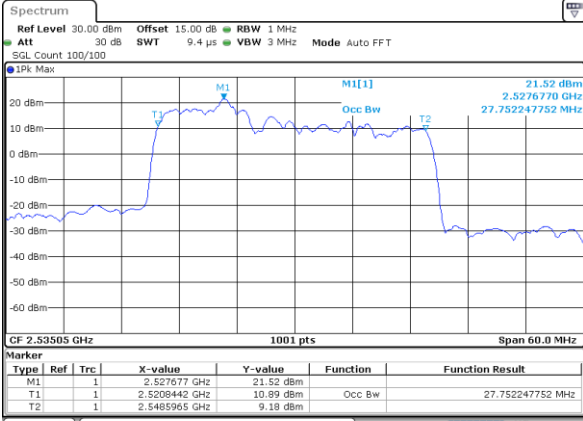
Date: 16 JAN 2024 00:19:45



LTE Band 7C

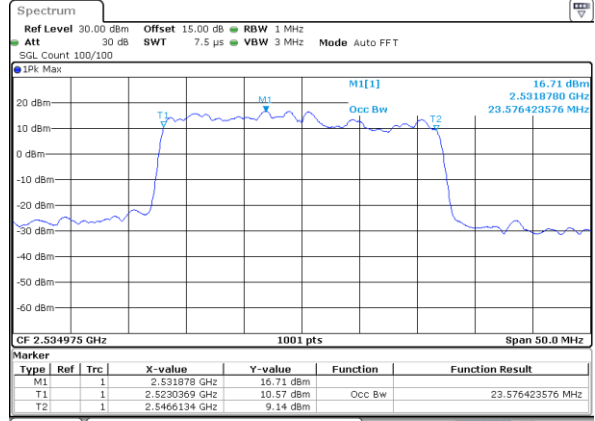
16QAM

Middle Channel / 10MHz+20MHz



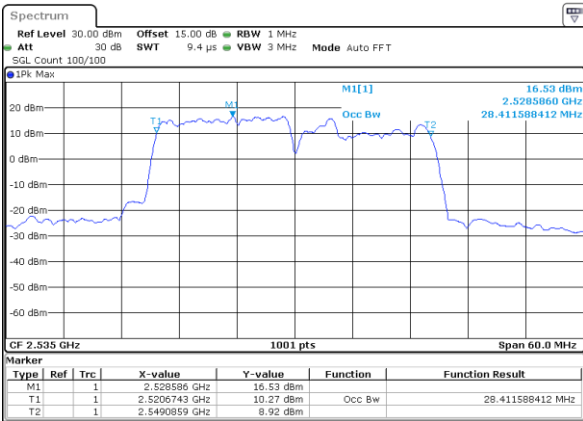
Date: 11.JAN.2024 00:16:52

Middle Channel / 15MHz+10MHz



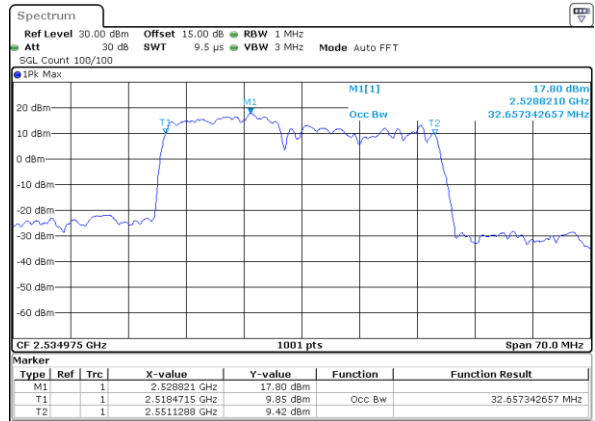
Date: 16.JAN.2024 01:00:47

Middle Channel / 15MHz+15MHz



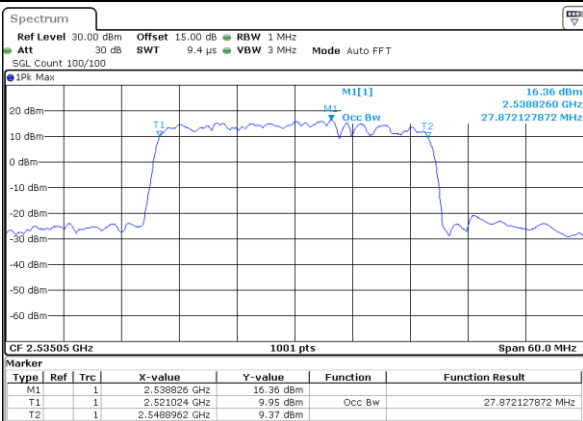
Date: 11.JAN.2024 18:14:35

Middle Channel / 15MHz+20MHz



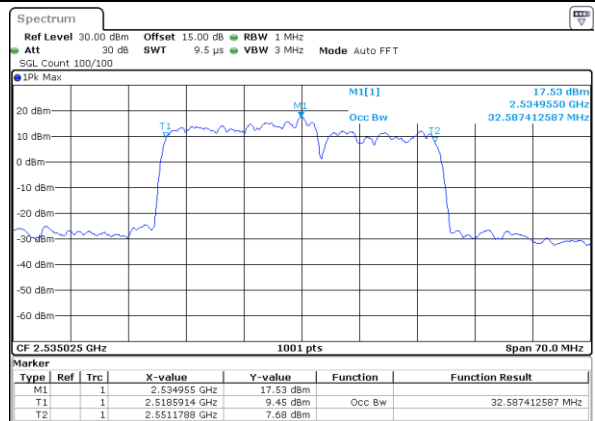
Date: 11.JAN.2024 18:37:29

Middle Channel / 20MHz+10MHz



Date: 11.JAN.2024 17:50:45

Middle Channel / 20MHz+15MHz



Date: 15.JAN.2024 23:55:08

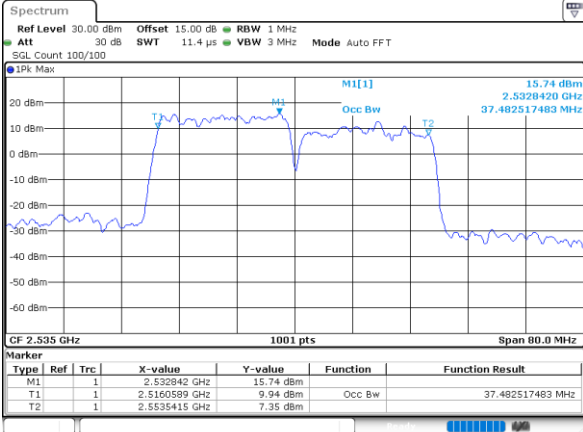


LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A



Date: 16-JAN-2024 00:21:11

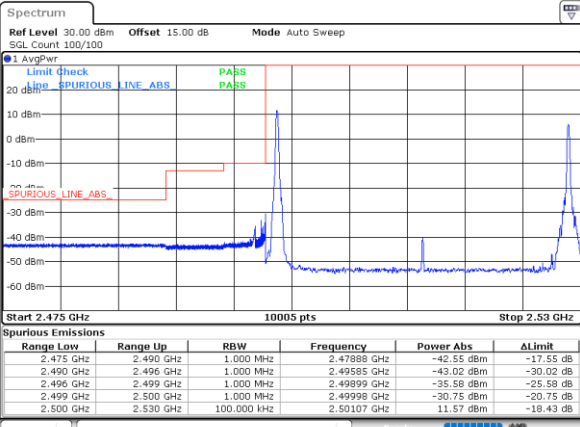


Conducted Band Edge

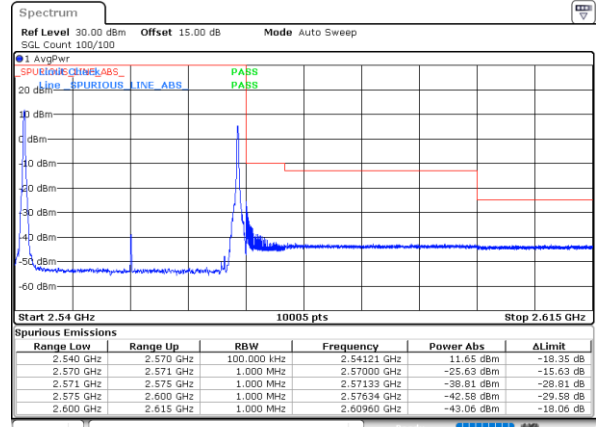
LTE Band 7C / 10MHz+20MHz

QPSK

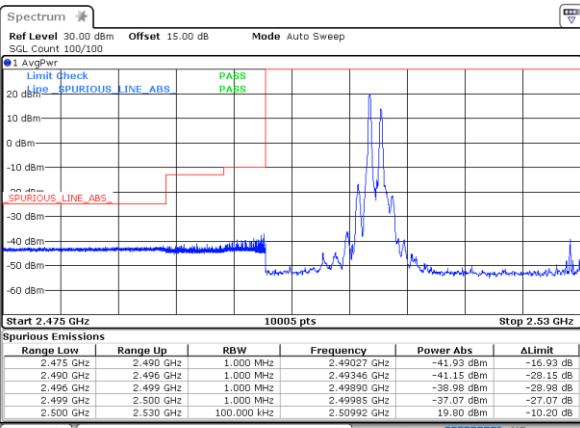
Lowest Band Edge / 1RB0 and 1RB99



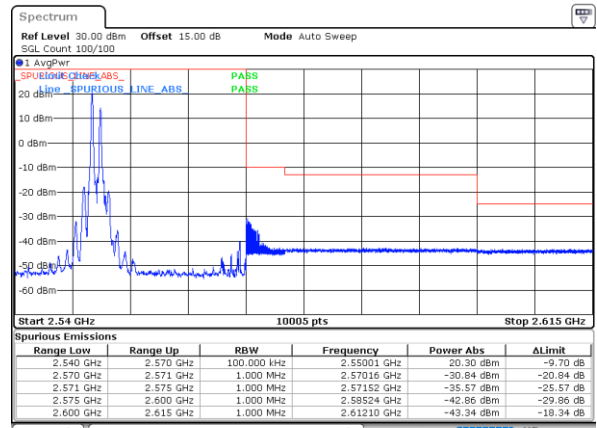
Highest Band Edge / 1RB0 and 1RB99



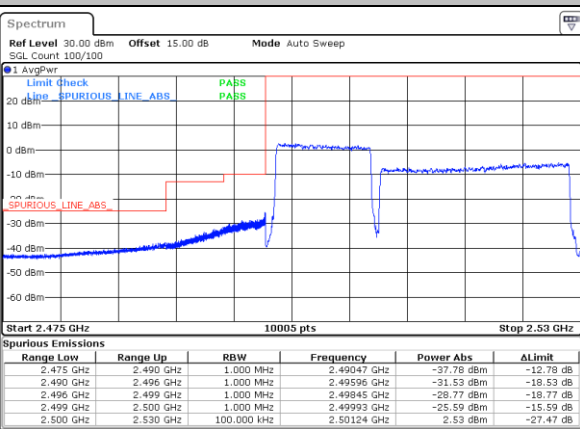
Lowest Band Edge / 1RB49 and 1RB0



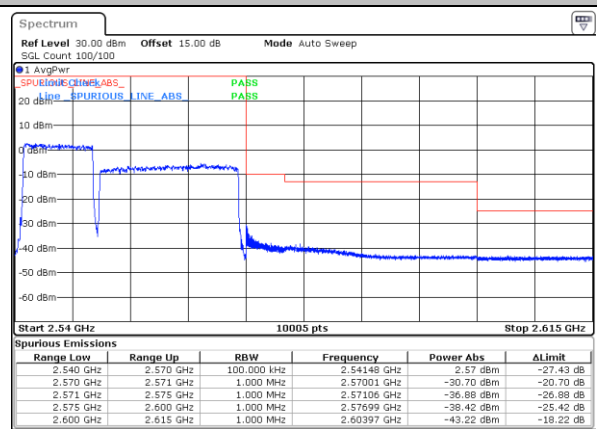
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



Date: 11-Jan-2024 17:16:17

Date: 11-Jan-2024 17:41:18

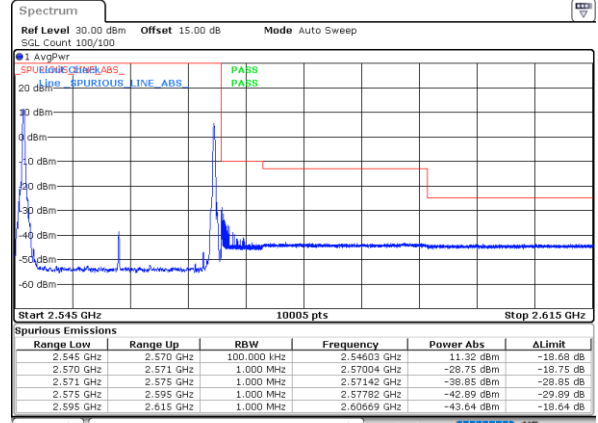
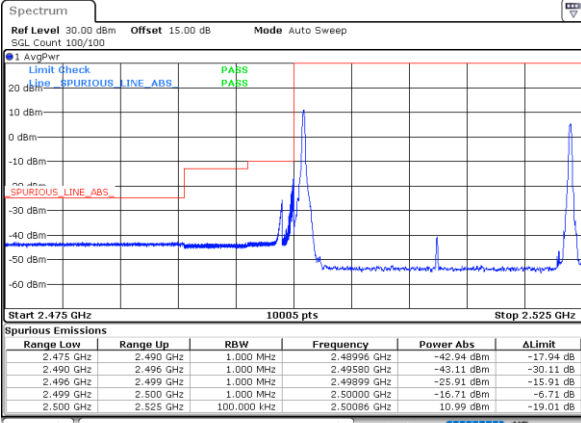


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

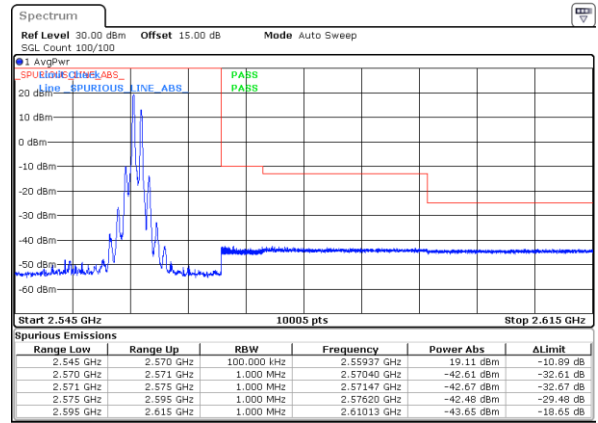
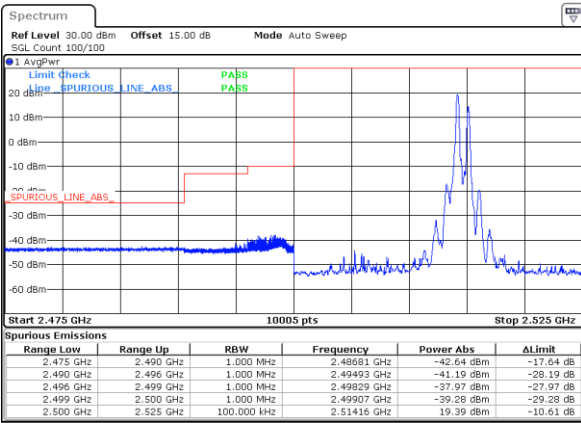


Date: 16, JAN, 2024 01:10:10

Date: 16, JAN, 2024 01:18:00

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

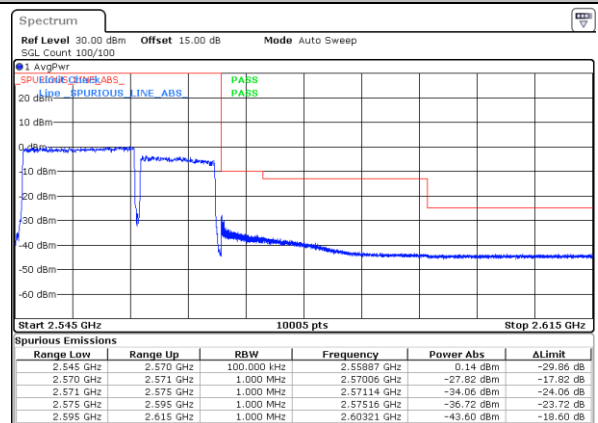
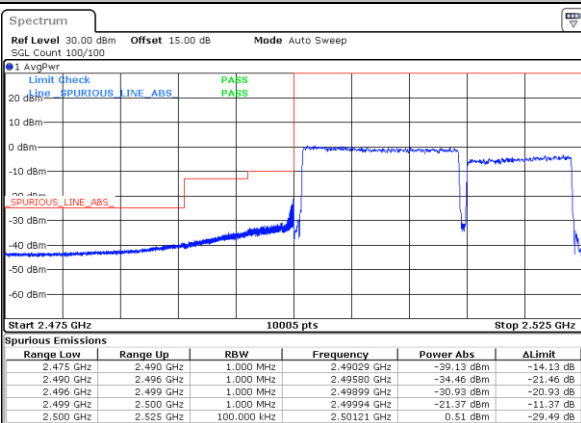


Date: 16, JAN, 2024 01:04:35

Date: 16, JAN, 2024 01:23:34

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, JAN, 2024 01:11:17

Date: 16, JAN, 2024 01:16:54

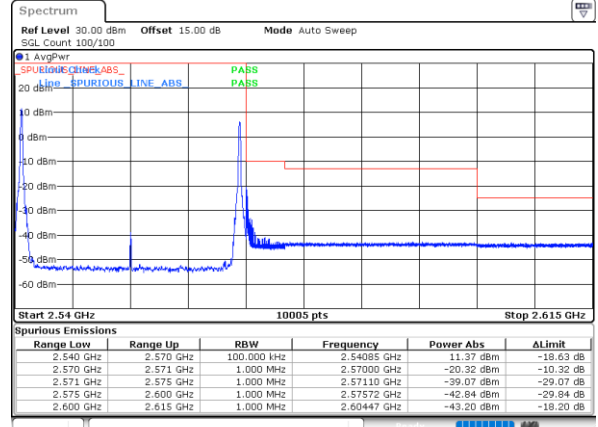
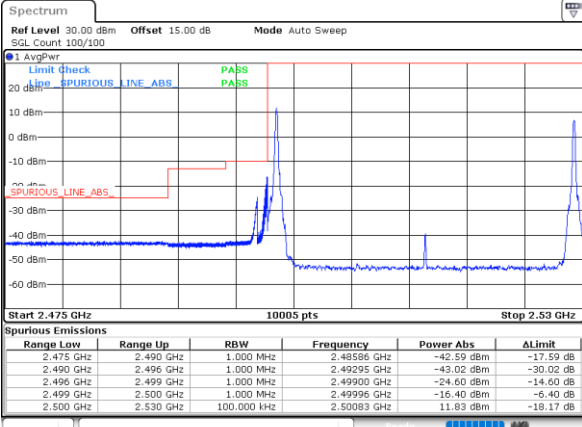


LTE Band 7C / 15MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

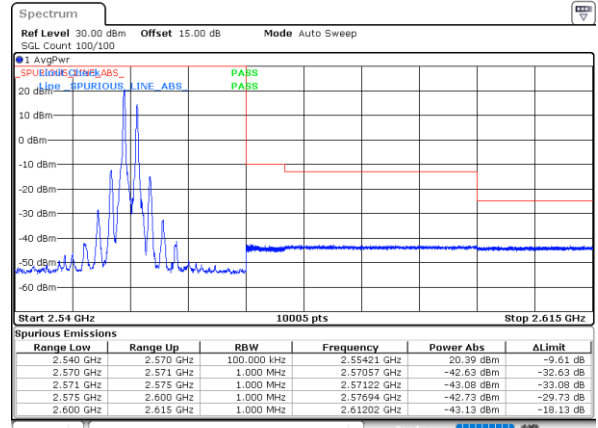
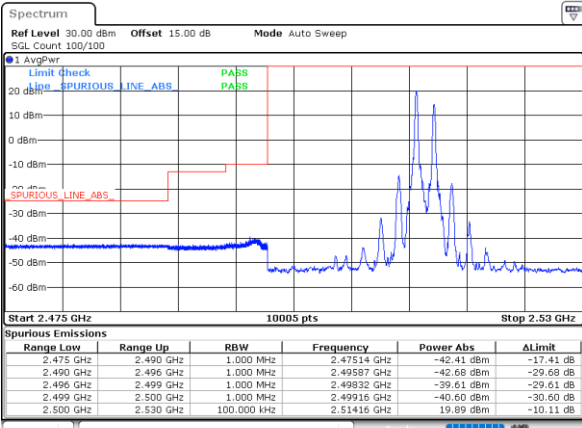


Date: 11.JAN.2024 18:22:44

Date: 11.JAN.2024 18:29:23

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

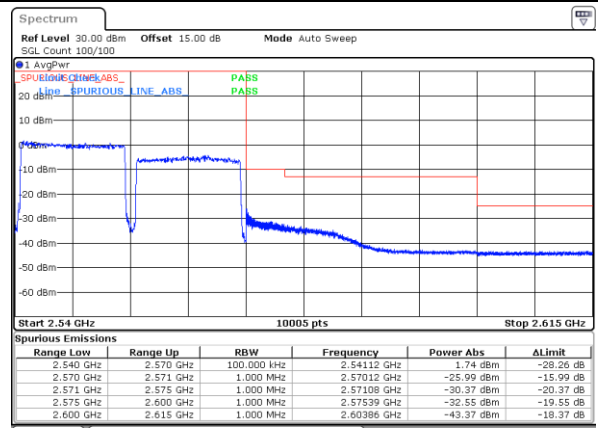
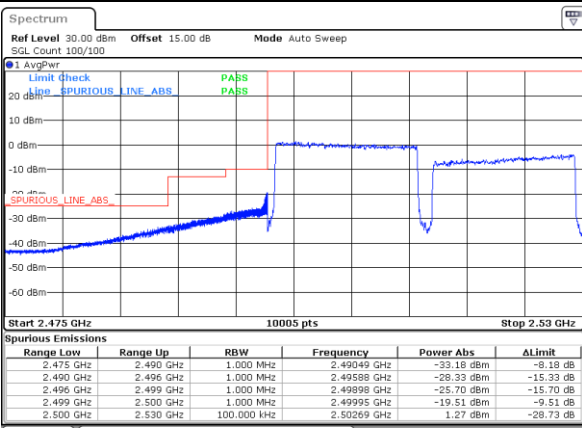


Date: 11.JAN.2024 18:18:00

Date: 11.JAN.2024 18:34:06

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.JAN.2024 18:23:41

Date: 11.JAN.2024 18:28:27

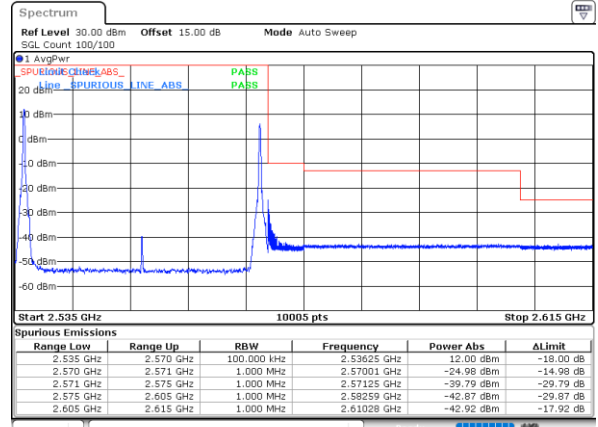
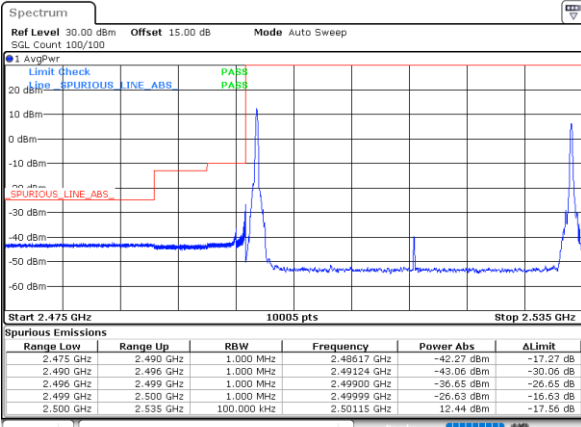


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

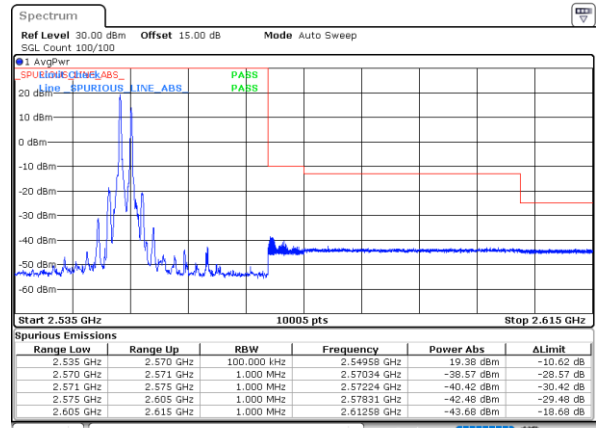
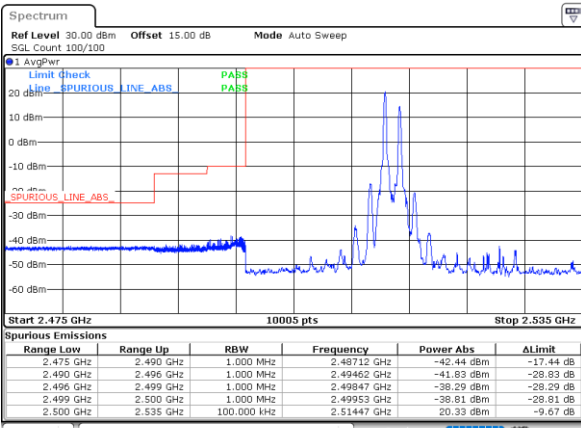


Date: 11.JAN.2024 18:46:10

Date: 11.JAN.2024 18:53:11

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

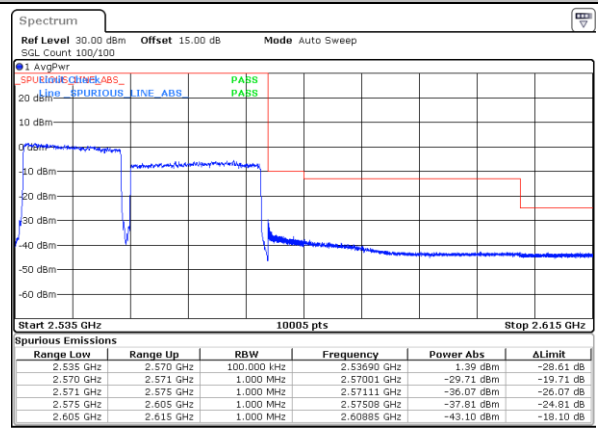
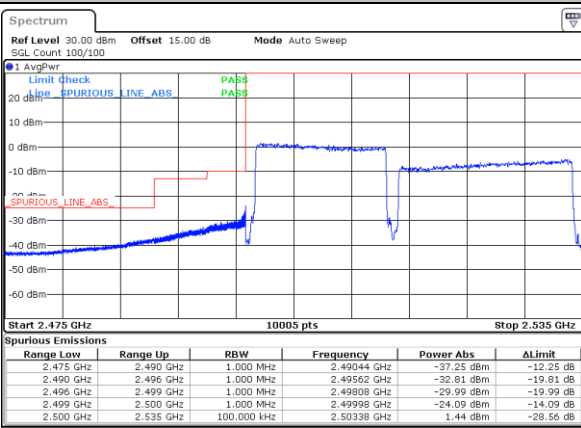


Date: 11.JAN.2024 18:41:10

Date: 15.JAN.2024 23:51:40

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.JAN.2024 18:47:10

Date: 11.JAN.2024 18:52:11

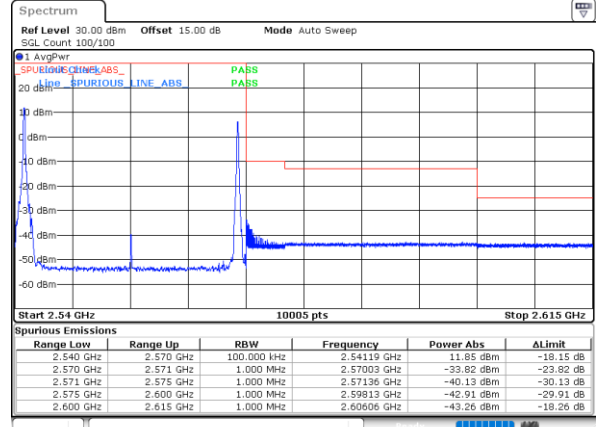
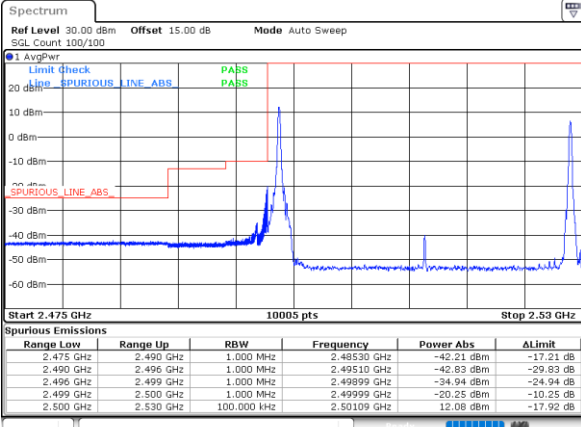


LTE Band 7C / 20MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

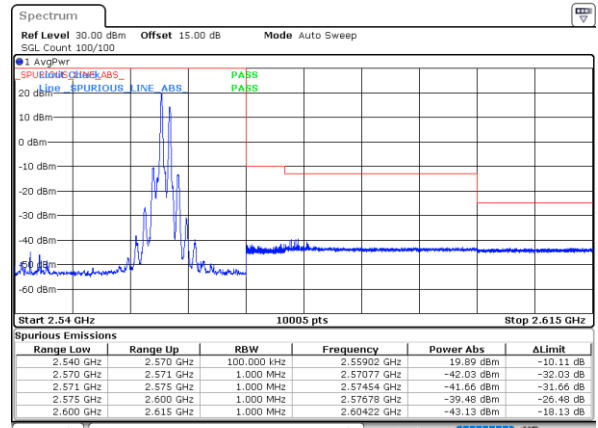
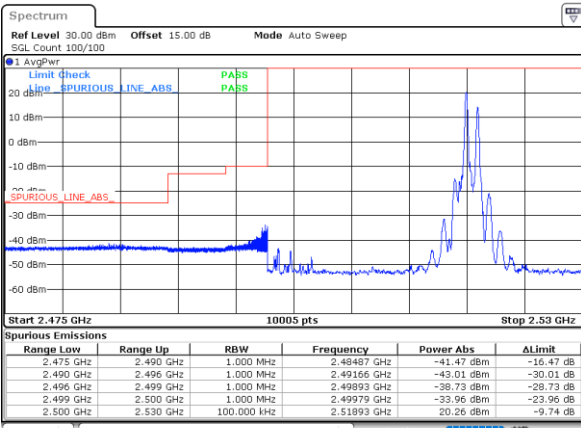


Date: 11.JAN.2024 17:59:18

Date: 11.JAN.2024 18:06:20

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

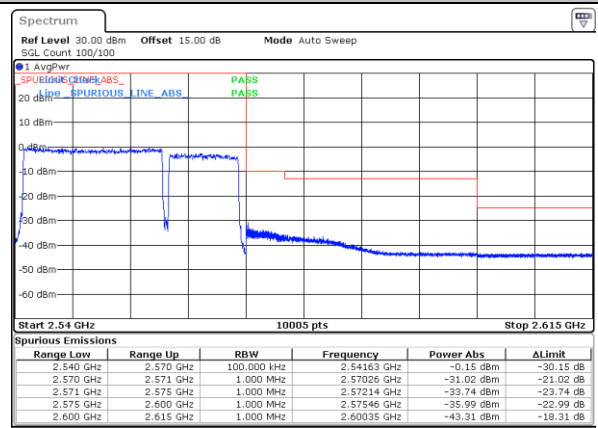
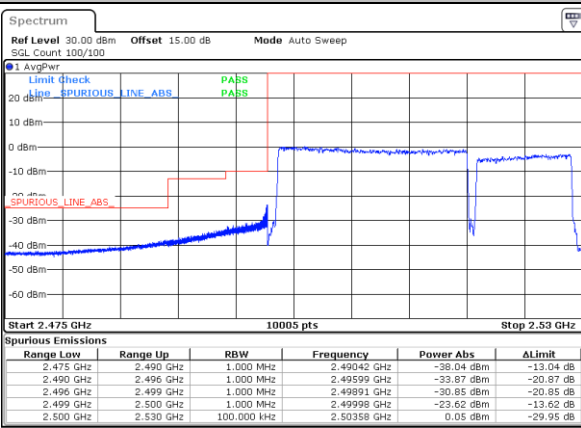


Date: 11.JAN.2024 17:54:19

Date: 11.JAN.2024 18:11:18

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.JAN.2024 18:00:19

Date: 11.JAN.2024 18:05:20

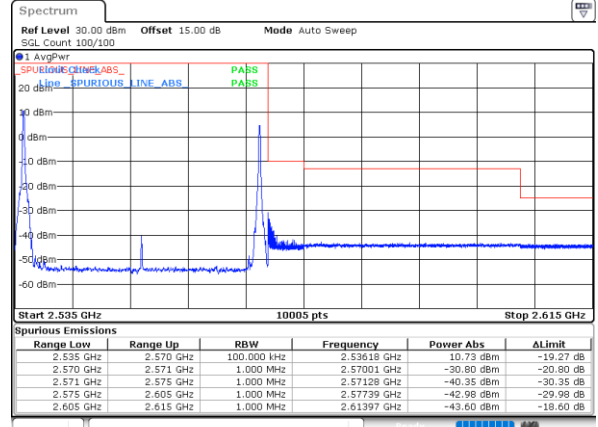
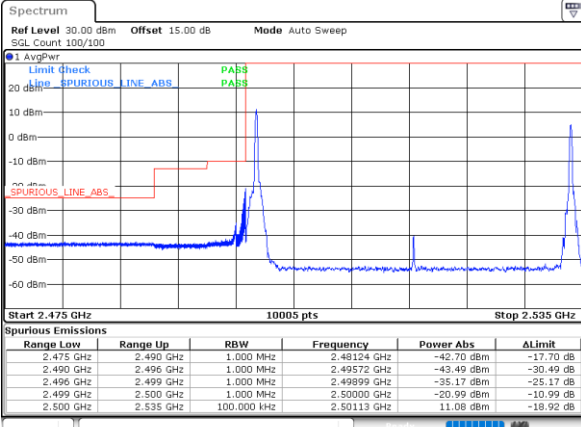


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

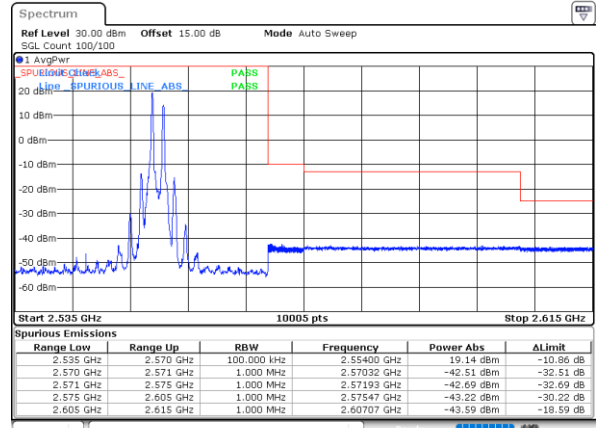
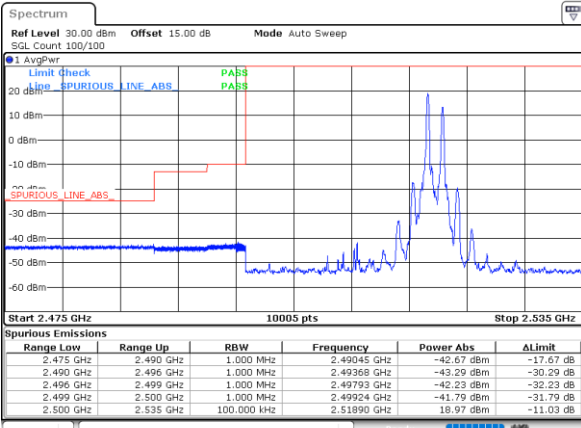


Date: 16, JAN, 2024 00:04:32

Date: 16, JAN, 2024 00:12:23

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

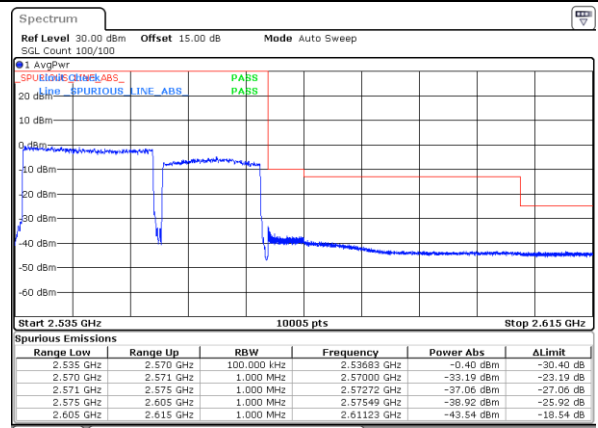
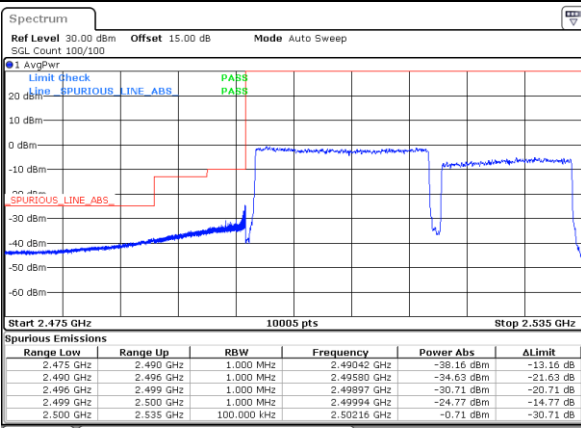


Date: 15, JAN, 2024 23:58:56

Date: 16, JAN, 2024 00:17:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, JAN, 2024 00:05:39

Date: 16, JAN, 2024 00:11:16

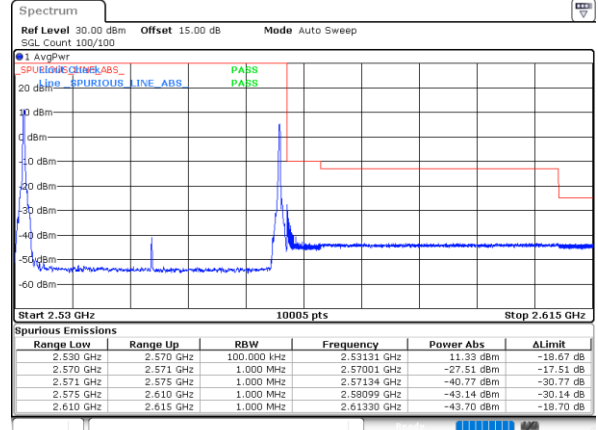
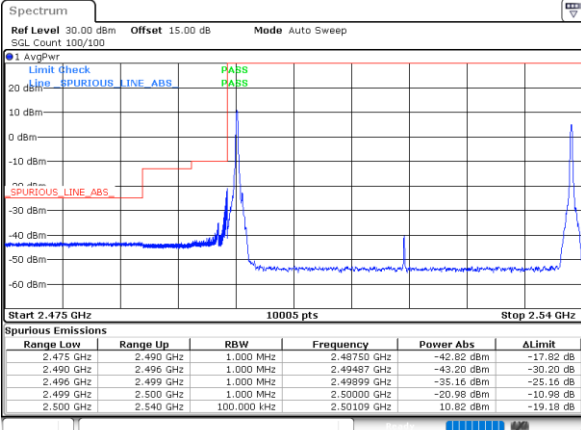


LTE Band 7C / 20MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

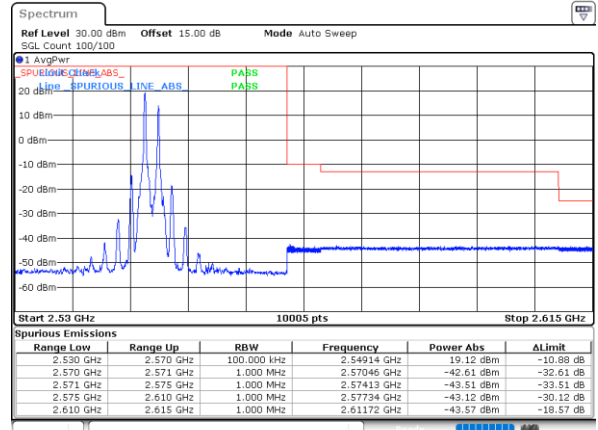
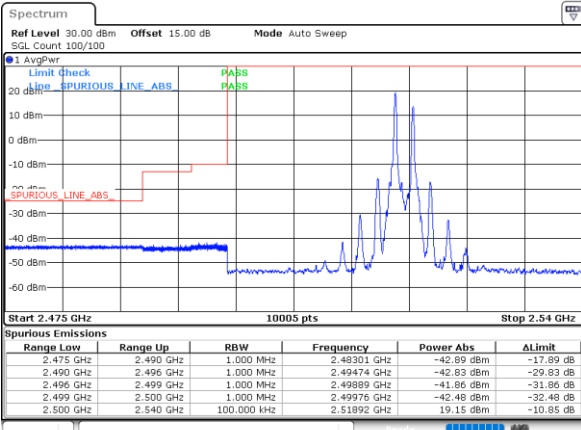


Date: 16, JAN, 2024 00:13:03

Date: 16, JAN, 2024 00:17:12

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

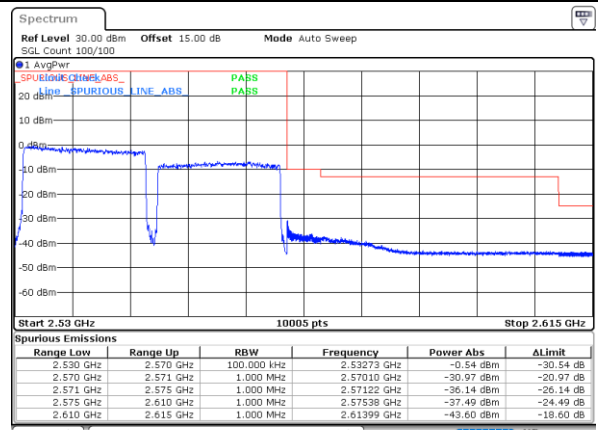
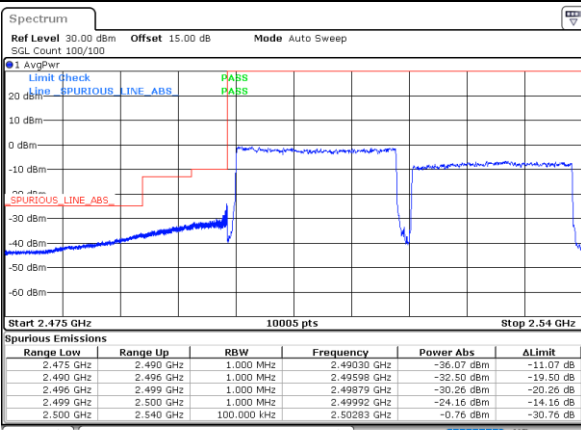


Date: 16, JAN, 2024 00:24:43

Date: 16, JAN, 2024 00:42:50

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, JAN, 2024 00:31:07

Date: 16, JAN, 2024 00:36:28

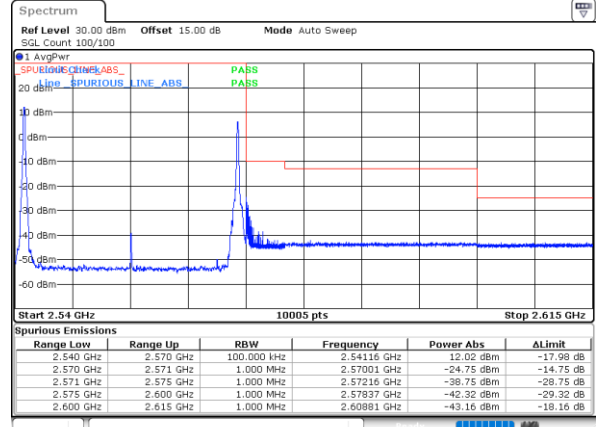
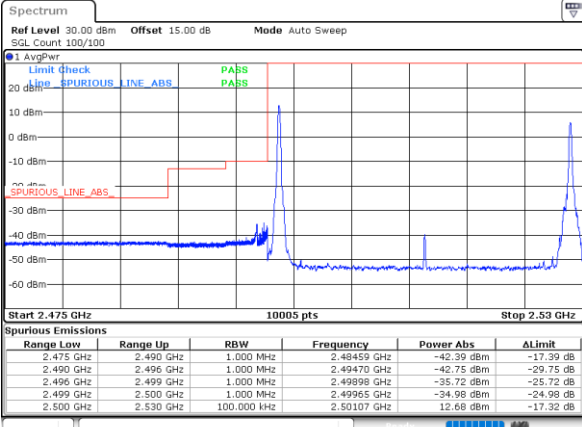


LTE Band 7C / 10MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

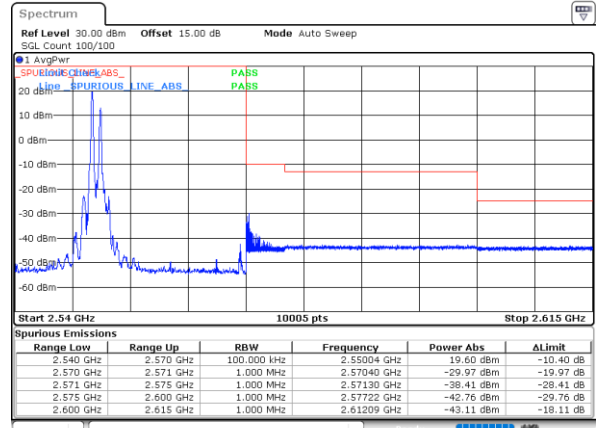
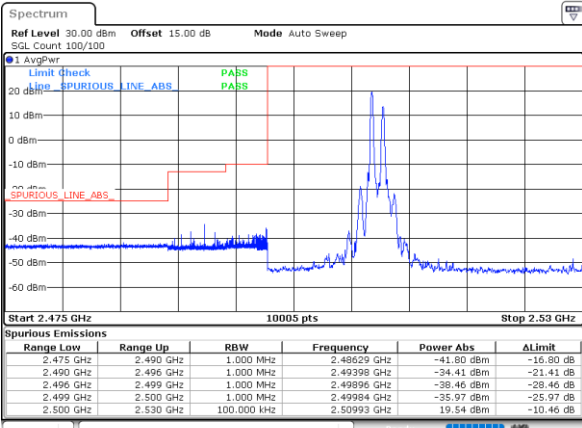


Date: 11.JAN.2024 17:34:16

Date: 11.JAN.2024 17:43:18

Lowest Band Edge / 1RB49 and 1RB0

Highest Band Edge / 1RB49 and 1RB0

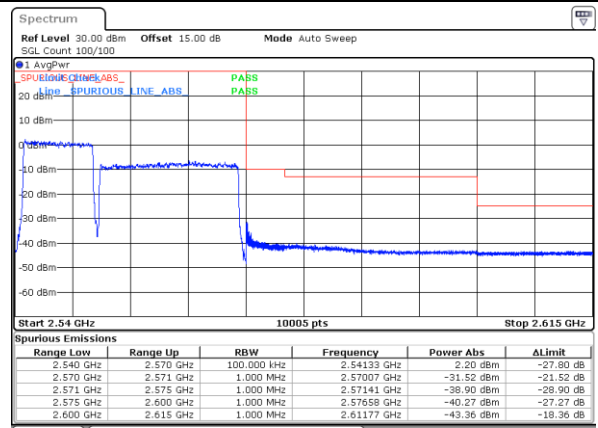
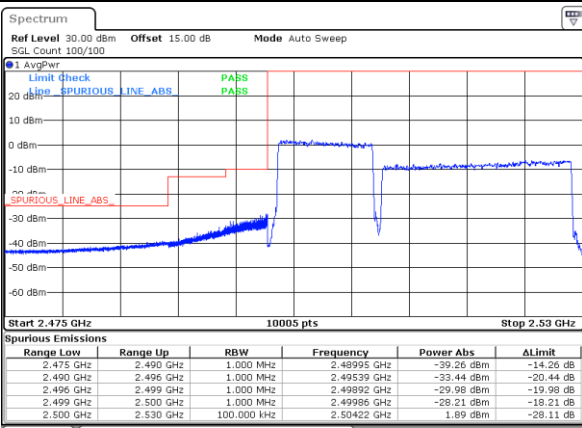


Date: 11.JAN.2024 17:30:51

Date: 11.JAN.2024 17:46:16

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 11.JAN.2024 17:37:17

Date: 11.JAN.2024 17:40:19

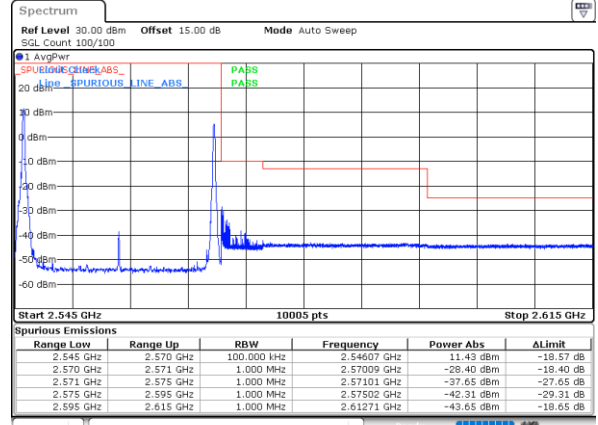
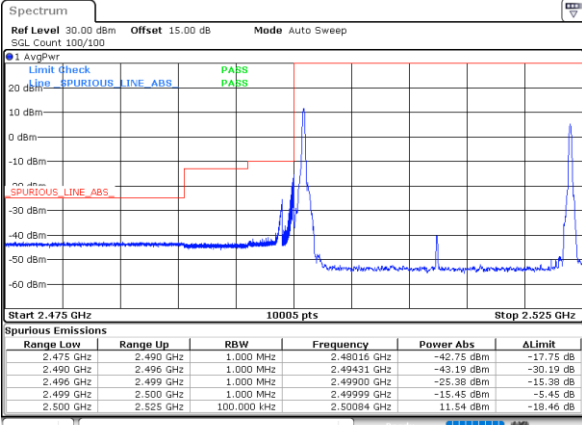


LTE Band 7C / 15MHz+10MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

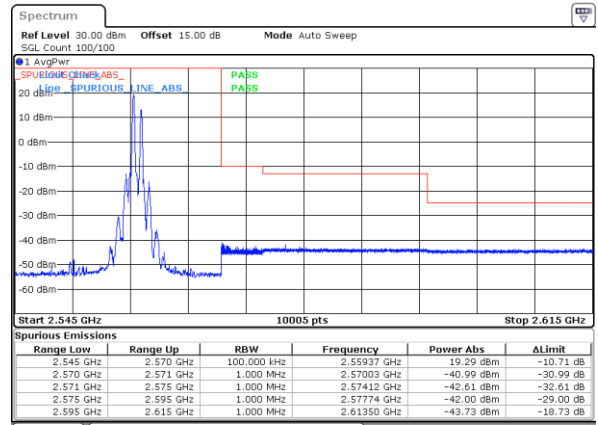
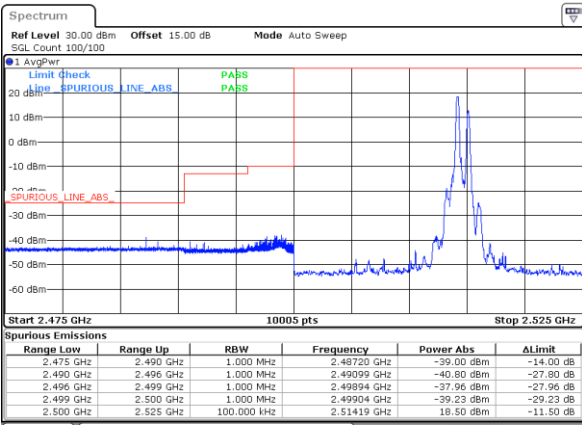


Date: 16, JAN, 2024 01:09:03

Date: 16, JAN, 2024 01:19:07

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

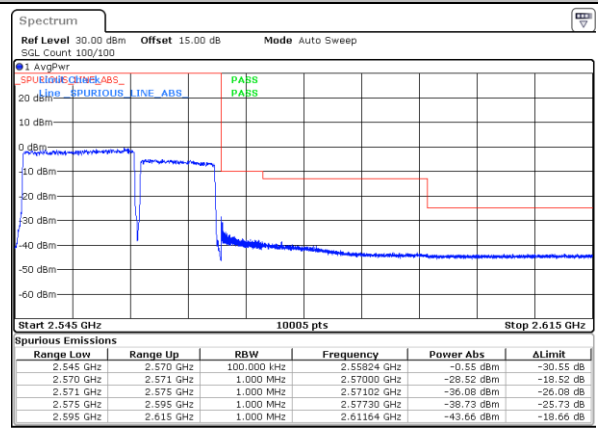
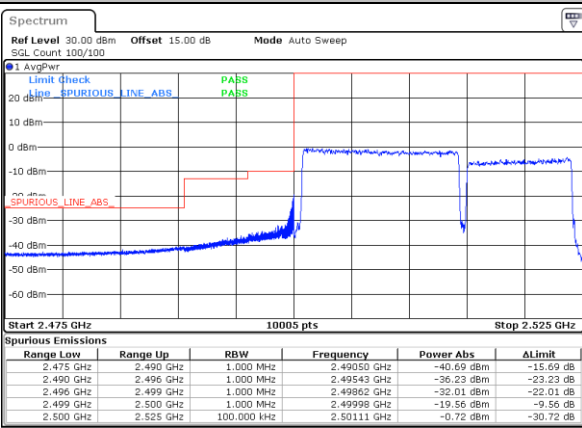


Date: 16, JAN, 2024 01:05:42

Date: 16, JAN, 2024 01:22:27

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16, JAN, 2024 01:12:24

Date: 16, JAN, 2024 01:15:47