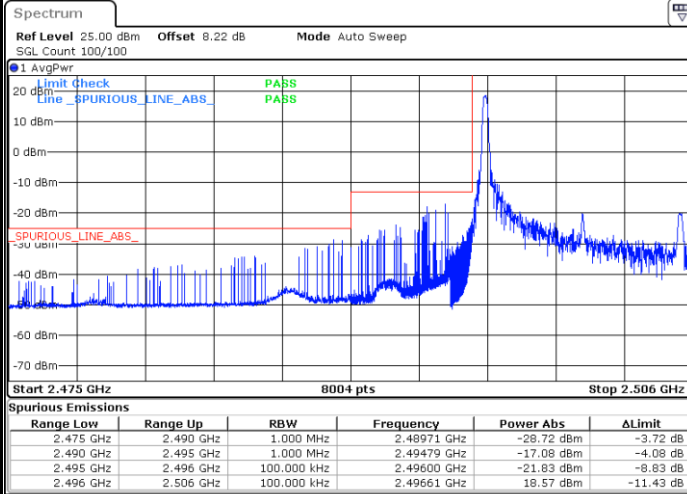




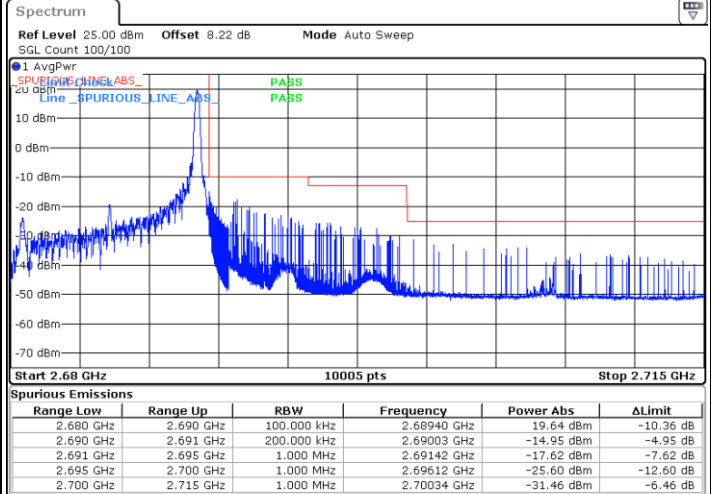
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



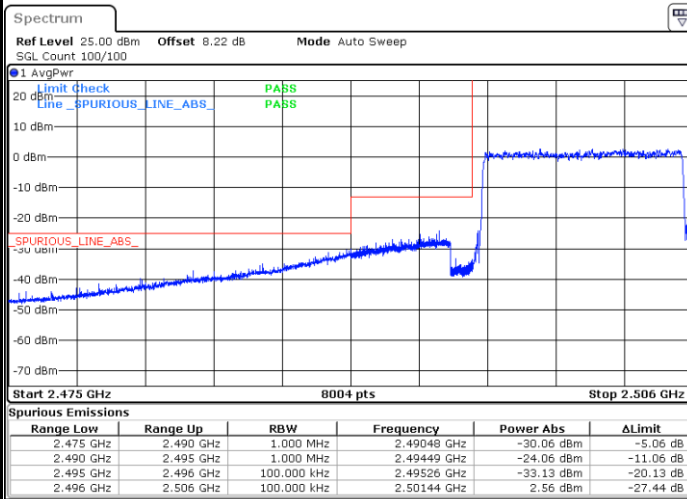
Date: 12.OCT.2023 22:40:16

Highest Band Edge / 1 RB



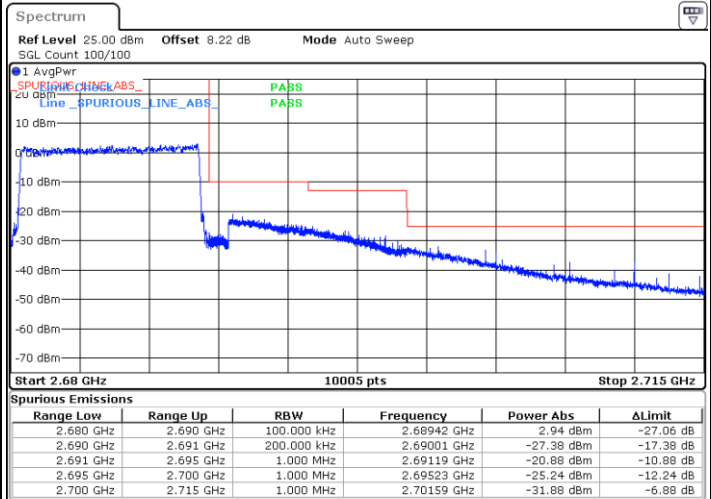
Date: 12.OCT.2023 22:44:49

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:42:33

Highest Band Edge / Full RB

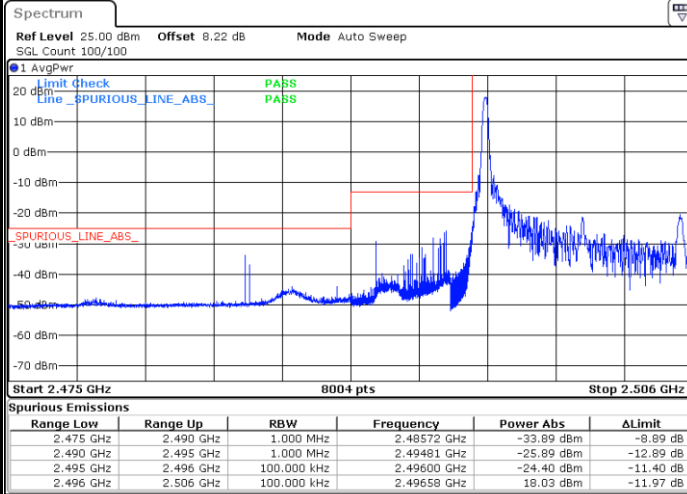


Date: 12.OCT.2023 22:47:05



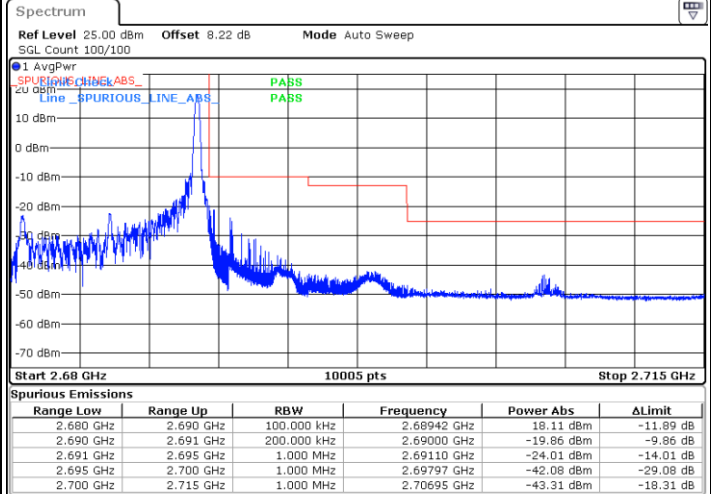
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



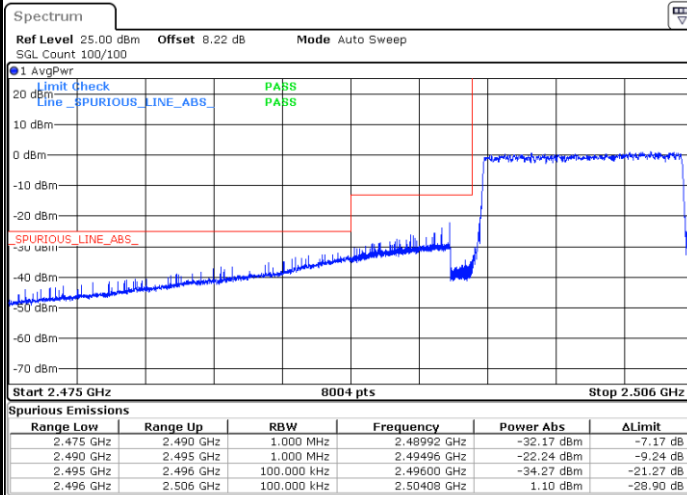
Date: 12.OCT.2023 22:41:02

Highest Band Edge / 1 RB



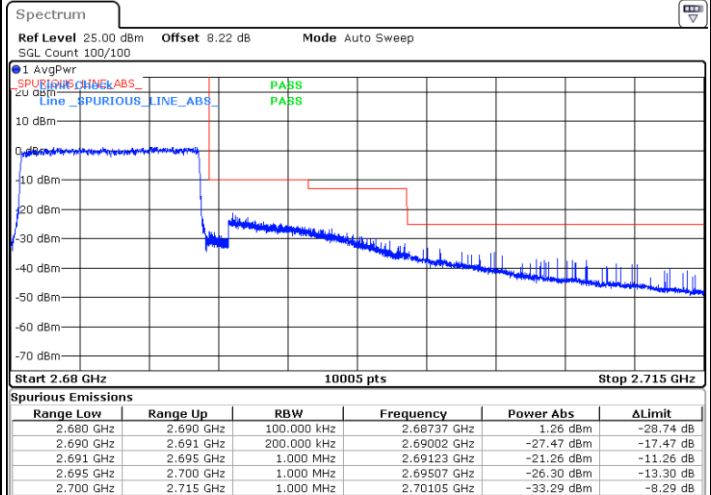
Date: 12.OCT.2023 22:45:34

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:43:18

Highest Band Edge / Full RB

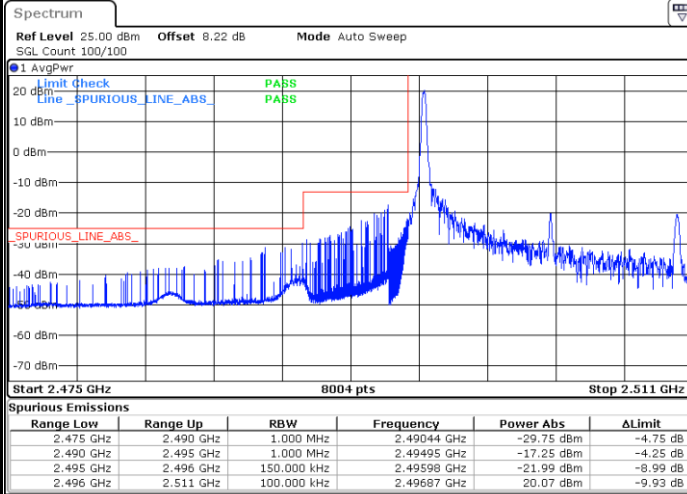


Date: 12.OCT.2023 22:47:50



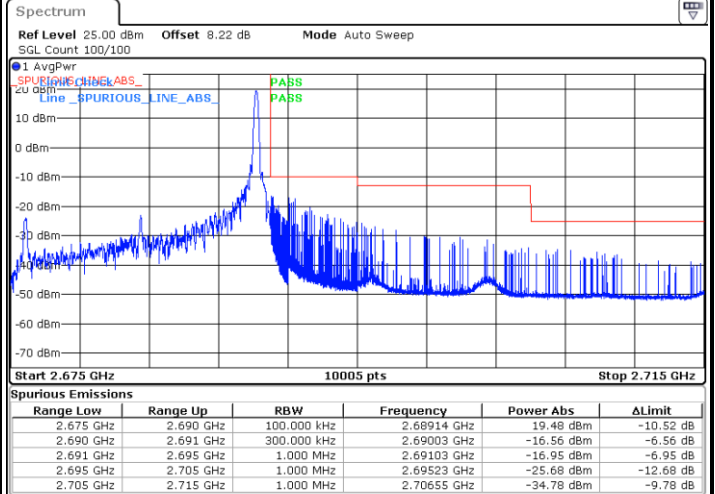
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



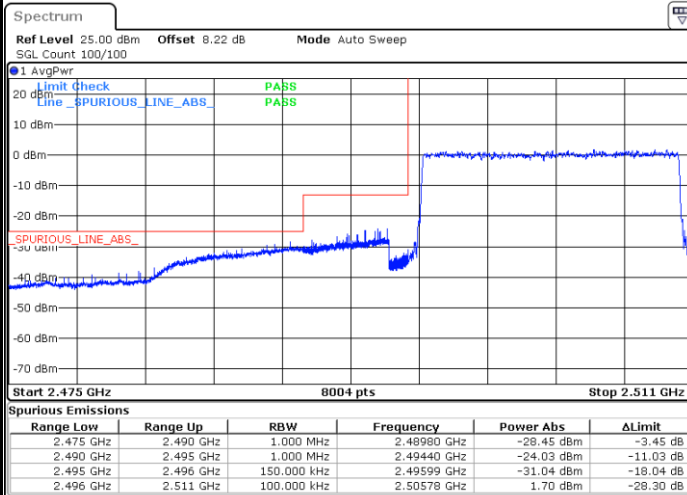
Date: 12.OCT.2023 22:48:36

Highest Band Edge / 1 RB



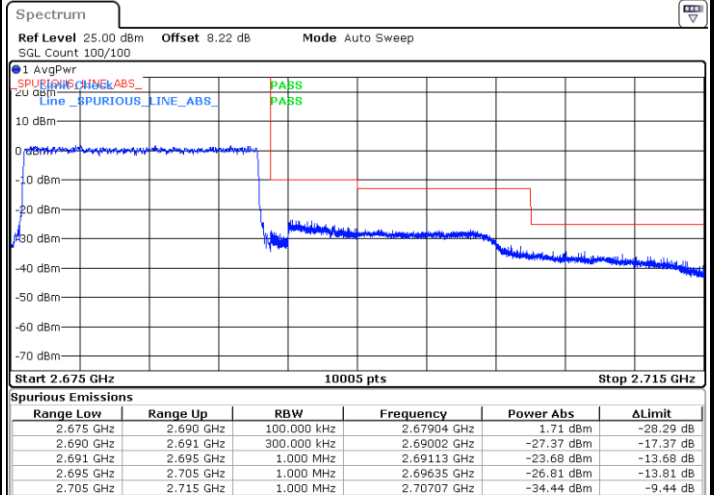
Date: 12.OCT.2023 22:53:10

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:50:53

Highest Band Edge / Full RB

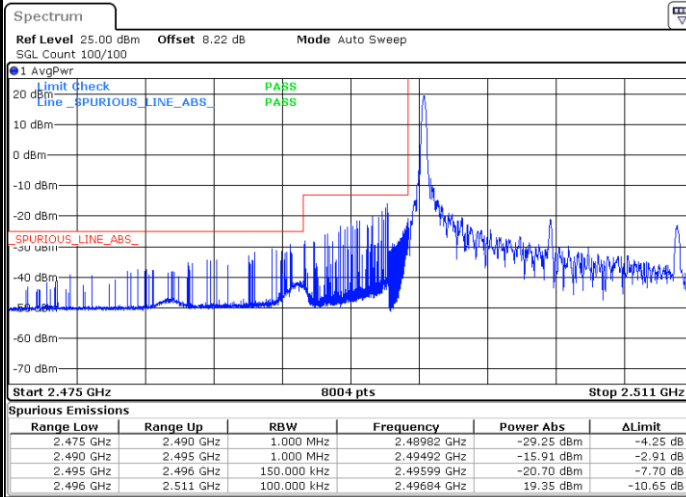


Date: 12.OCT.2023 22:55:26



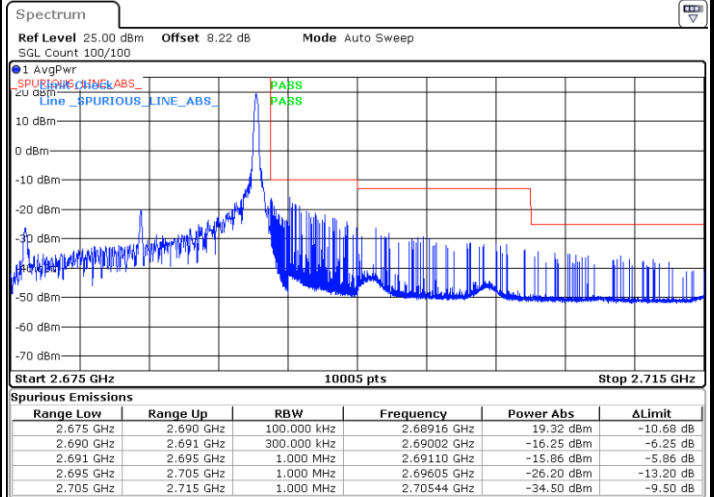
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



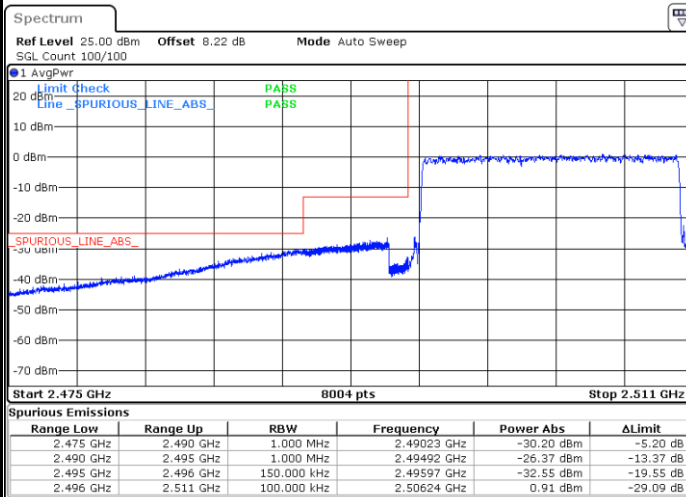
Date: 12.OCT.2023 22:49:22

Highest Band Edge / 1 RB



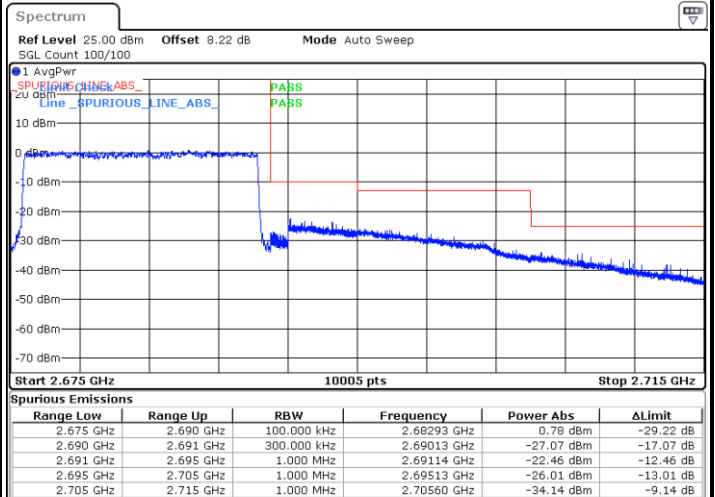
Date: 12.OCT.2023 22:53:55

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:51:39

Highest Band Edge / Full RB

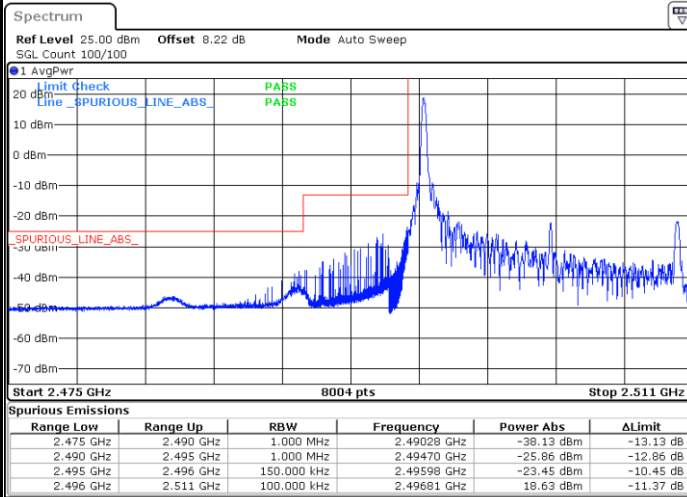


Date: 12.OCT.2023 22:56:11



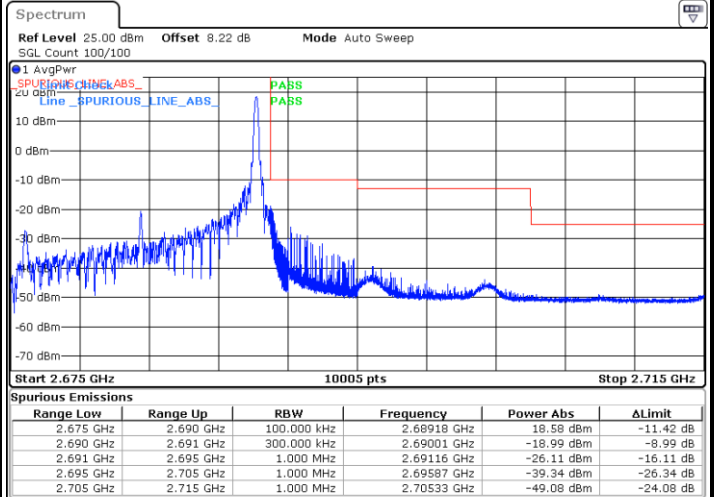
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



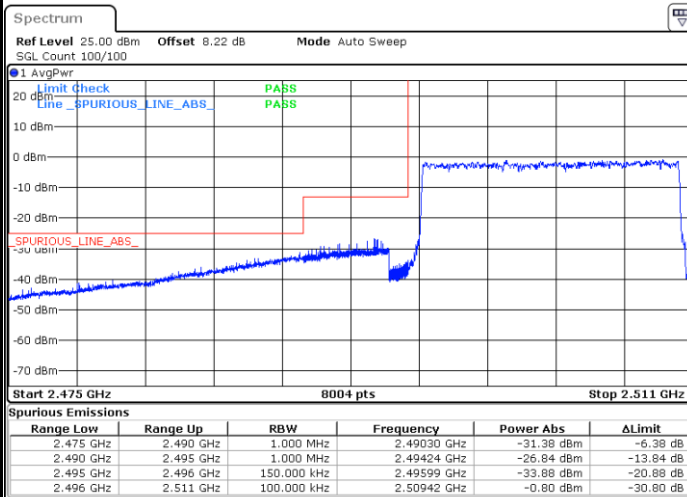
Date: 12.OCT.2023 22:50:08

Highest Band Edge / 1 RB



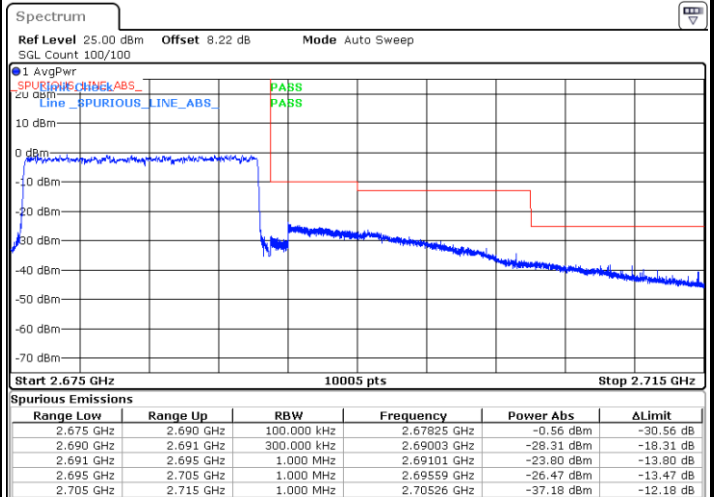
Date: 12.OCT.2023 22:54:41

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:52:24

Highest Band Edge / Full RB

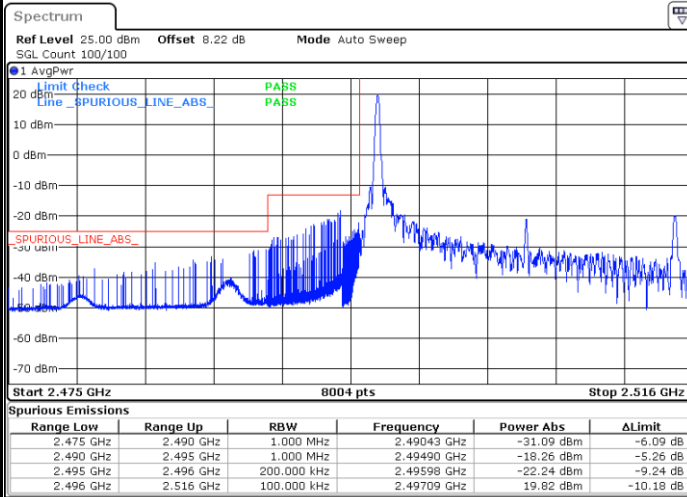


Date: 12.OCT.2023 22:56:57



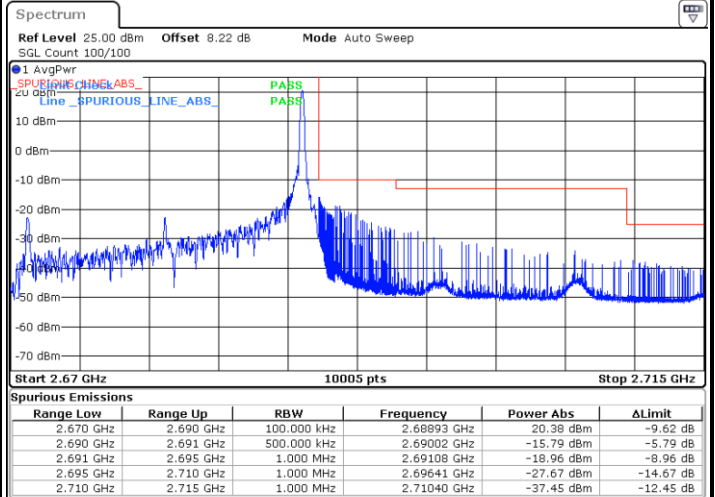
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



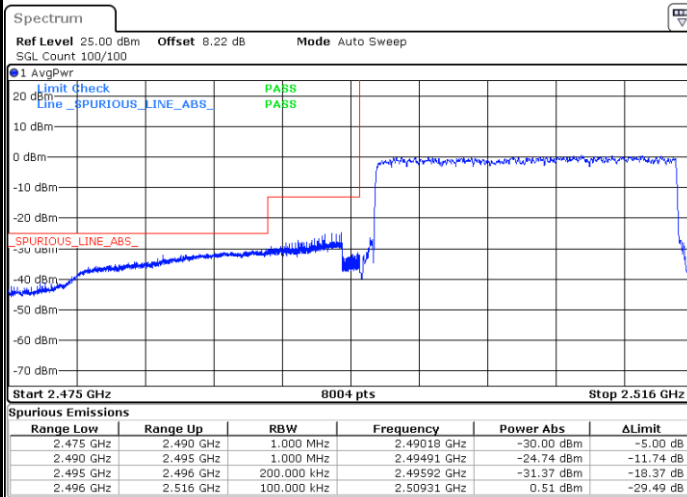
Date: 12.OCT.2023 22:57:43

Highest Band Edge / 1 RB



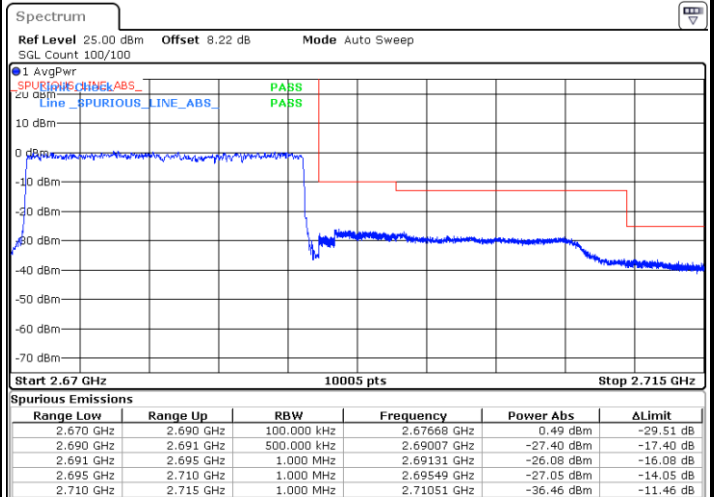
Date: 12.OCT.2023 23:02:16

Lowest Band Edge / Full RB



Date: 12.OCT.2023 22:59:59

Highest Band Edge / Full RB

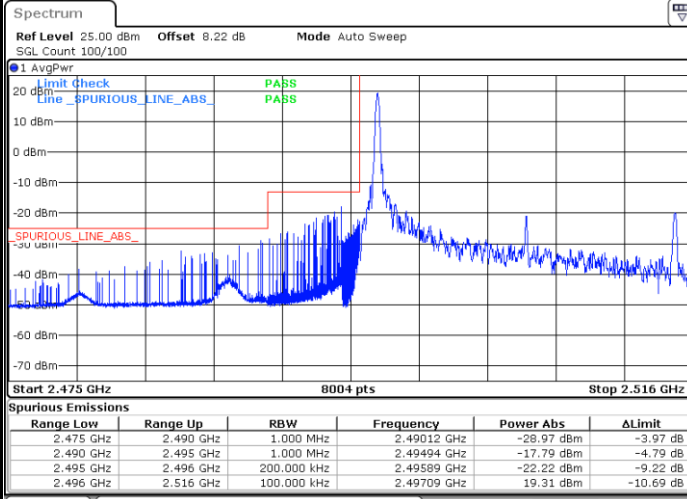


Date: 12.OCT.2023 23:04:31



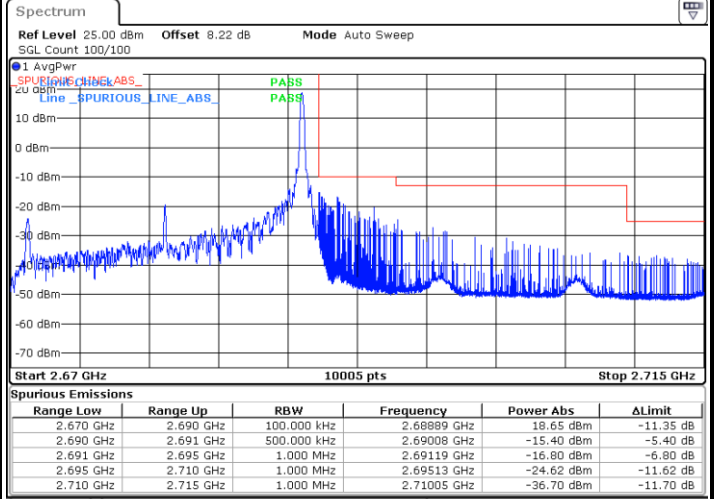
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



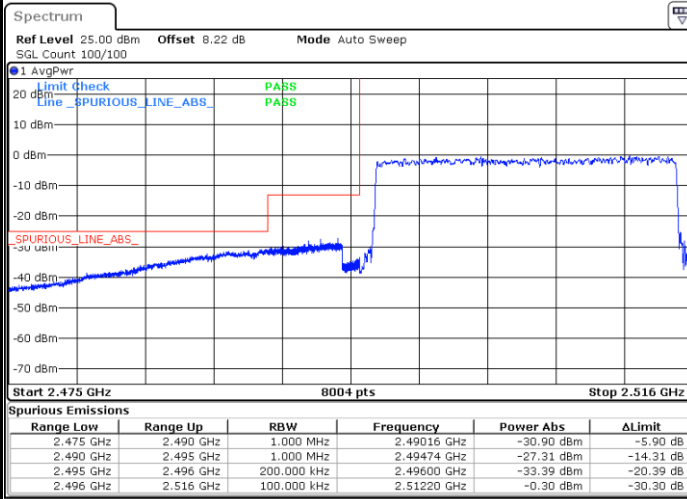
Date: 12.OCT.2023 22:58:28

Highest Band Edge / 1 RB



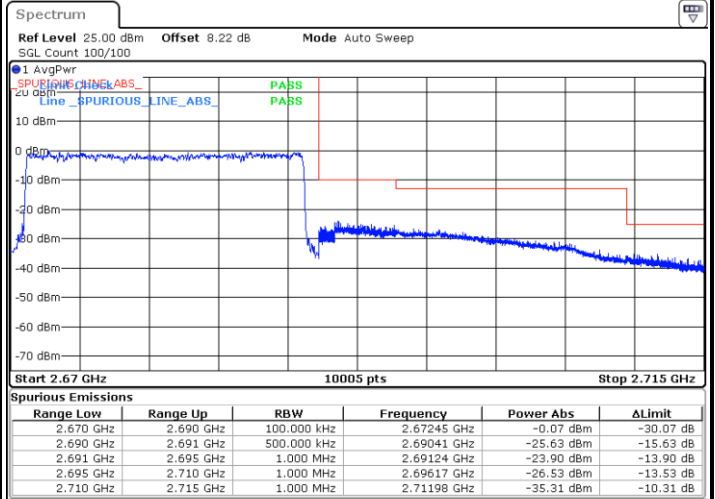
Date: 12.OCT.2023 23:03:01

Lowest Band Edge / Full RB



Date: 12.OCT.2023 23:00:45

Highest Band Edge / Full RB

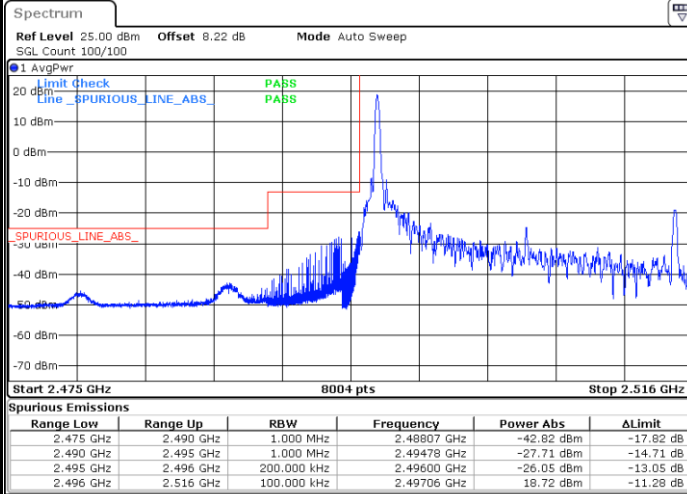


Date: 12.OCT.2023 23:05:17



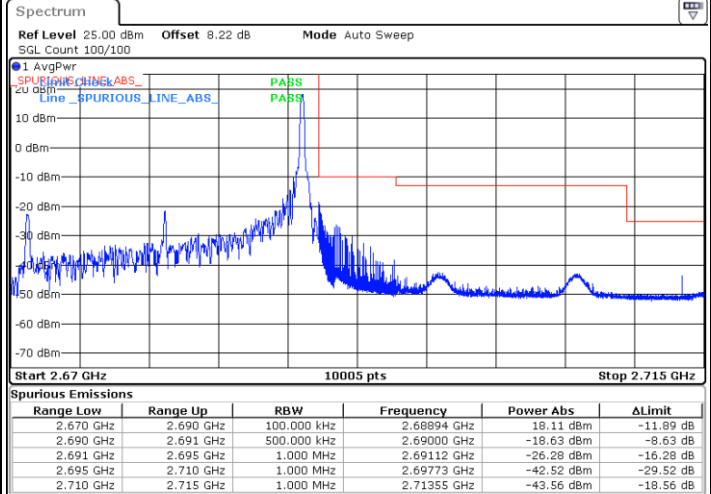
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



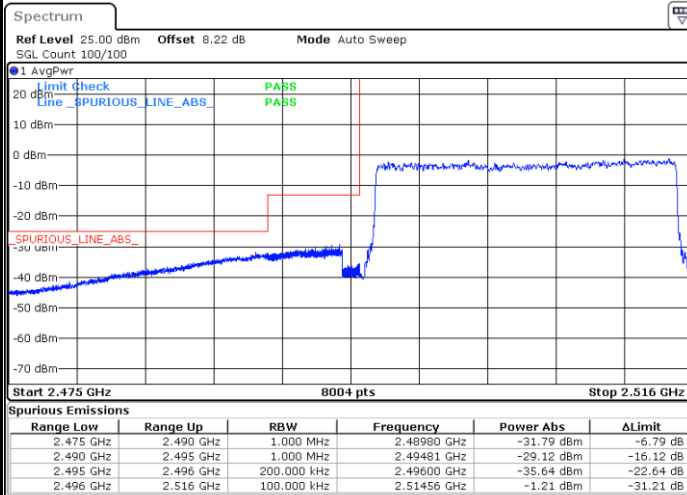
Date: 12.OCT.2023 22:59:14

Highest Band Edge / 1 RB



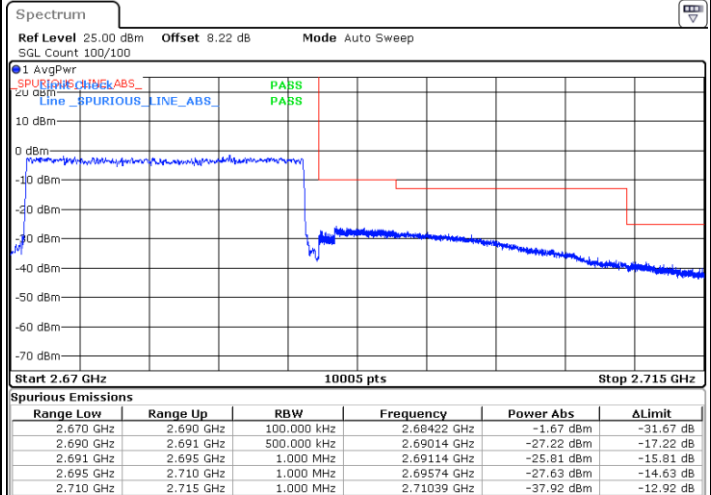
Date: 12.OCT.2023 23:03:46

Lowest Band Edge / Full RB



Date: 12.OCT.2023 23:01:30

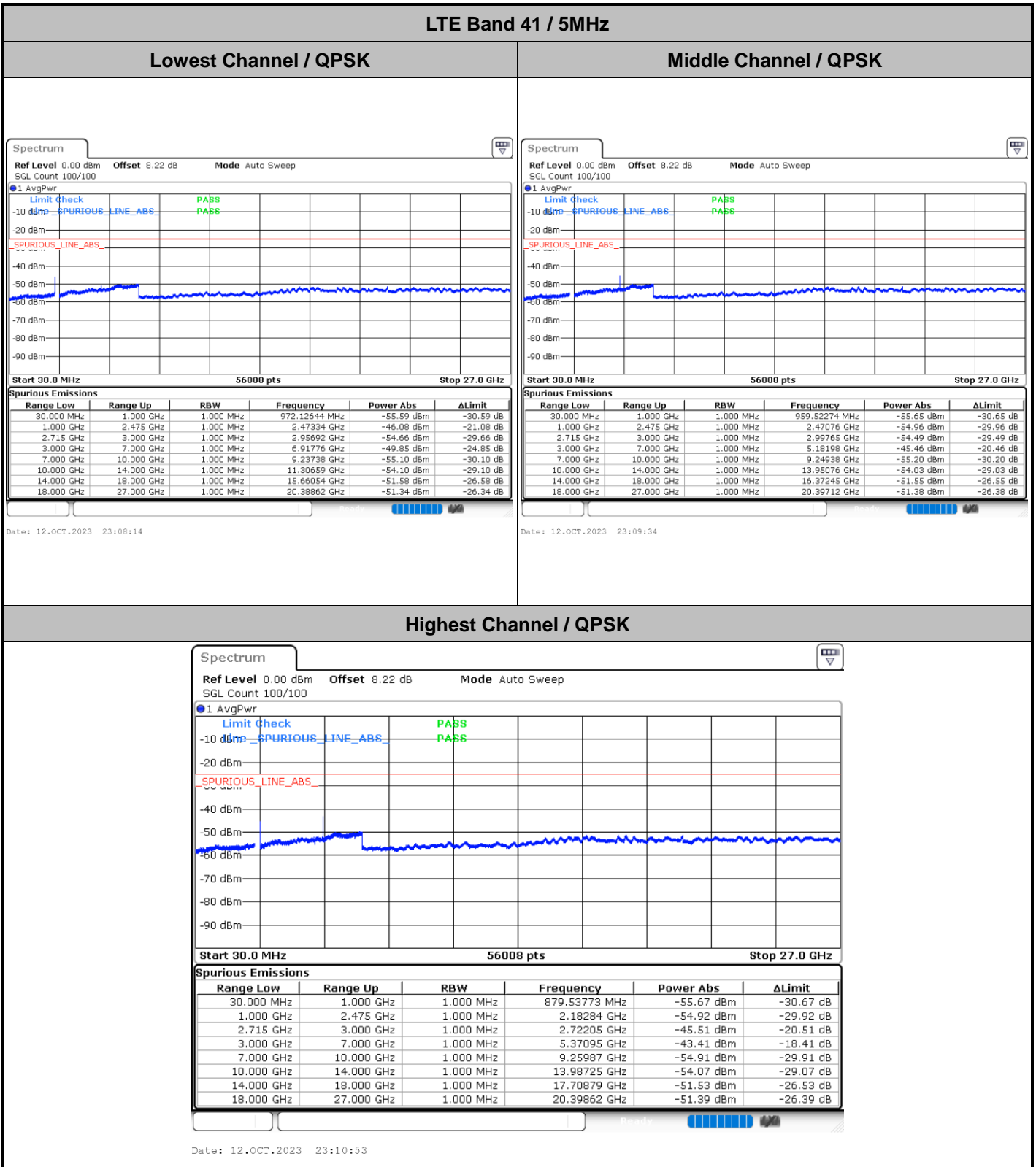
Highest Band Edge / Full RB



Date: 12.OCT.2023 23:06:02



Conducted Spurious Emission

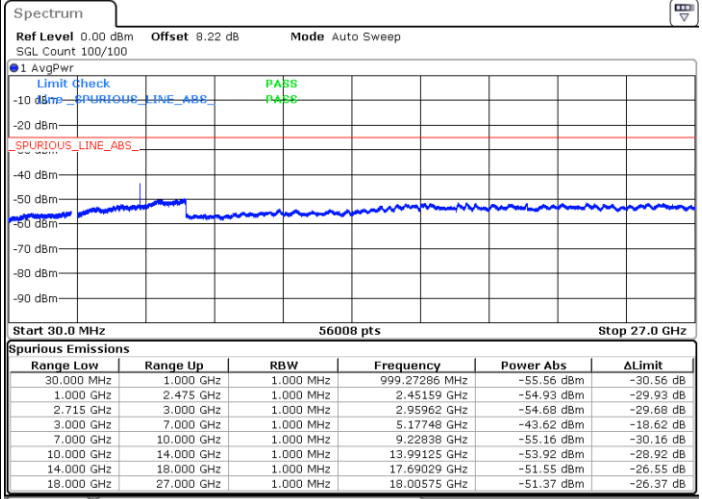
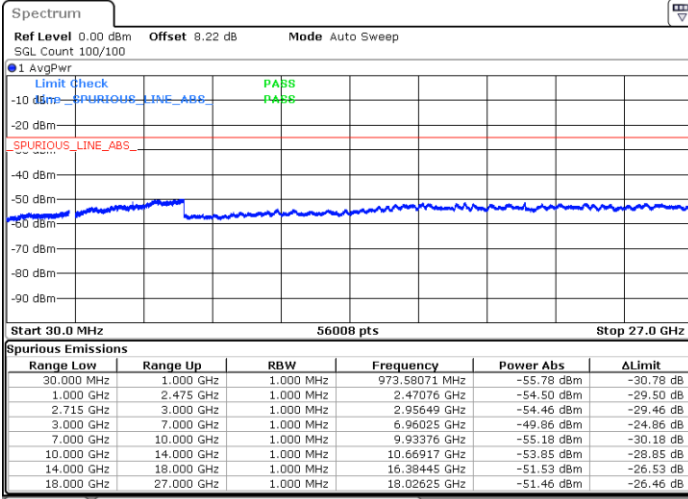




LTE Band 41 / 10MHz

Lowest Channel / QPSK

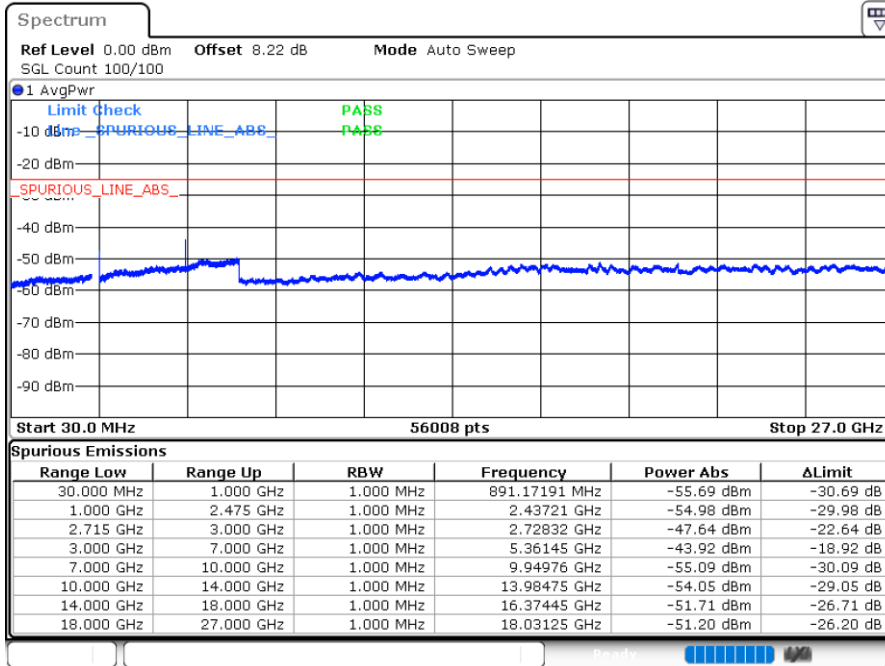
Middle Channel / QPSK



Date: 12.OCT.2023 23:12:14

Date: 12.OCT.2023 23:13:34

Highest Channel / QPSK



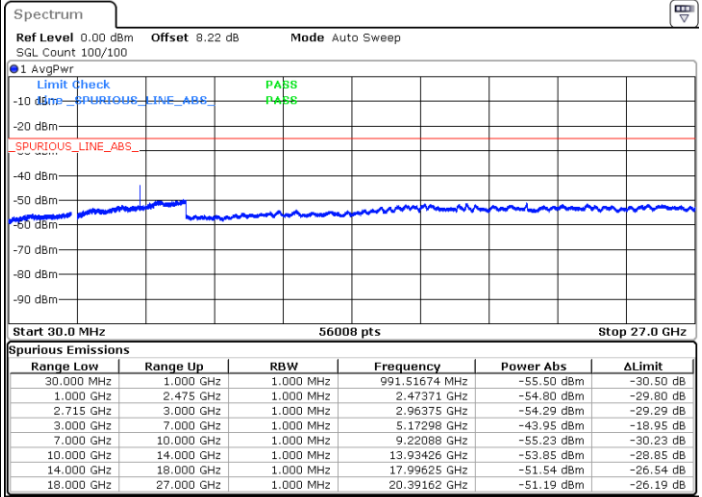
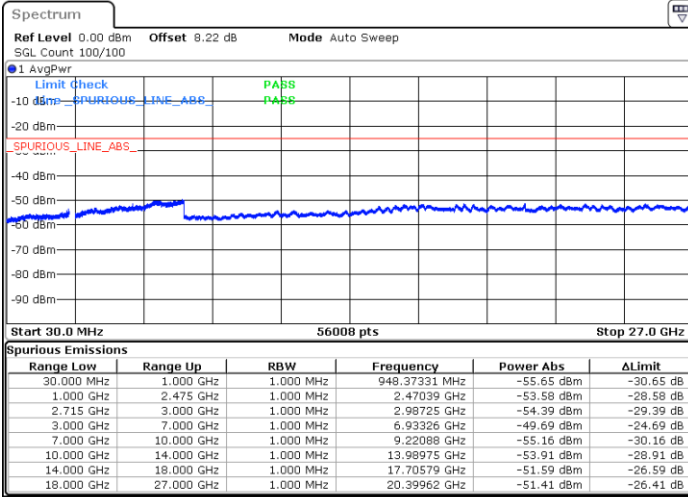
Date: 12.OCT.2023 23:14:53



LTE Band 41 / 15MHz

Lowest Channel / QPSK

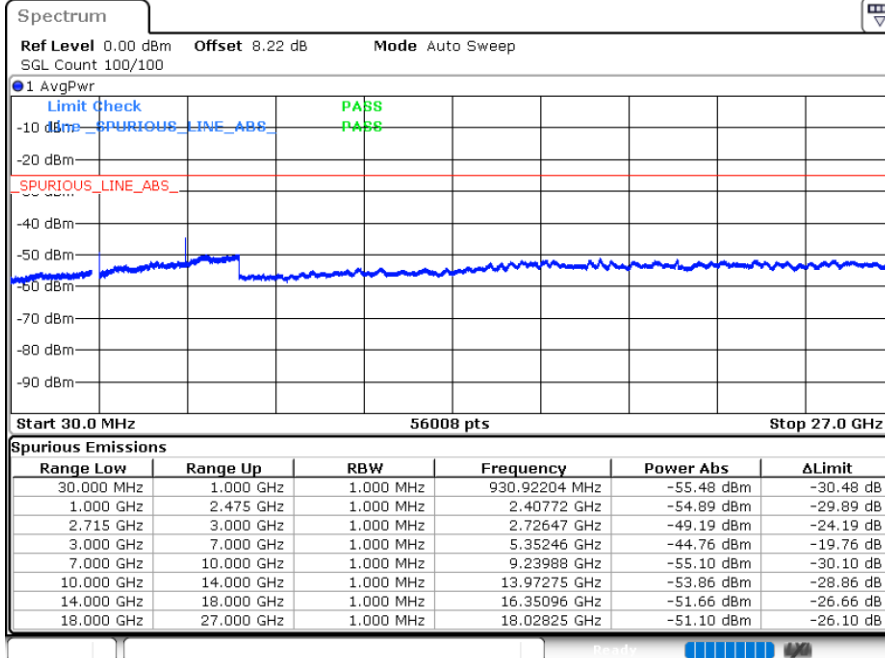
Middle Channel / QPSK



Date: 12.OCT.2023 23:16:14

Date: 12.OCT.2023 23:17:34

Highest Channel / QPSK



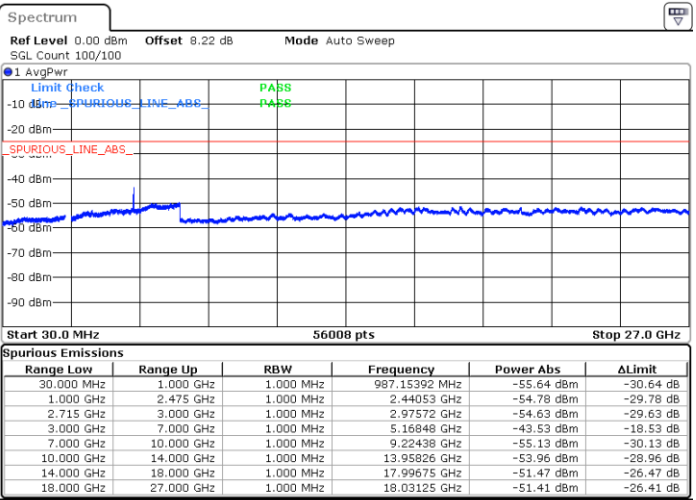
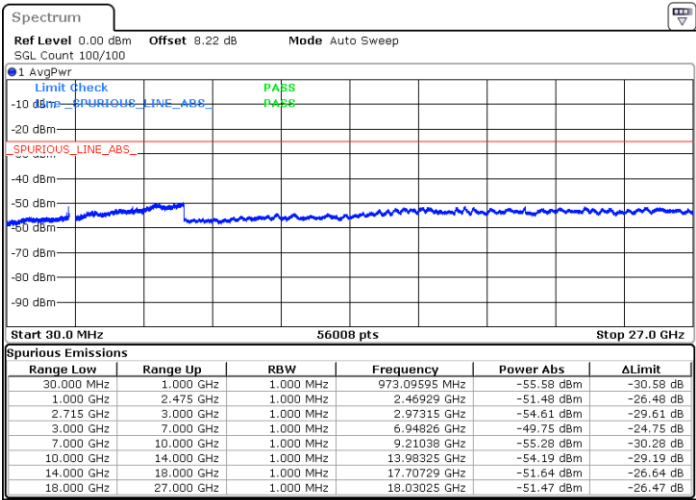
Date: 12.OCT.2023 23:18:53



LTE Band 41 / 20MHz

Lowest Channel / QPSK

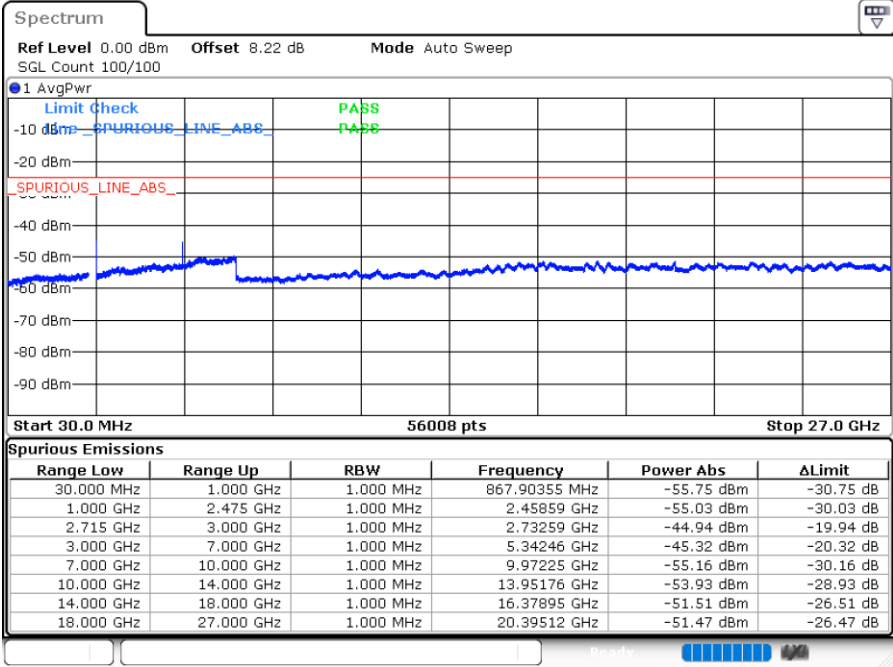
Middle Channel / QPSK



Date: 12.OCT.2023 23:20:14

Date: 12.OCT.2023 23:21:34

Highest Channel / QPSK



Date: 12.OCT.2023 23:22:53



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	0.0021	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0022	
20	Maximum Voltage	0.0018	
20	Normal Voltage	0.0005	
20	Battery End Point	0.0014	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

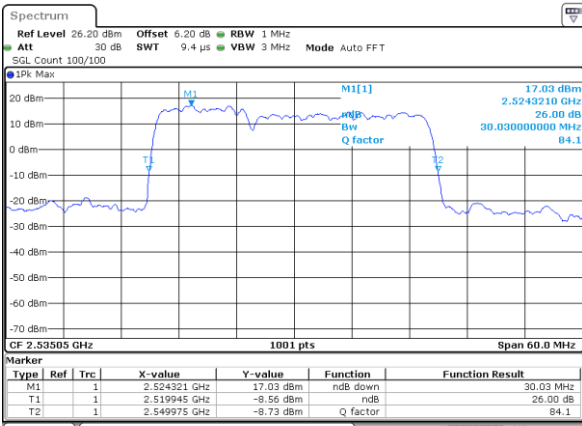
26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.27
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.62	25.33
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.57	30.69
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.03	30.15
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	35.04	35.04
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.88



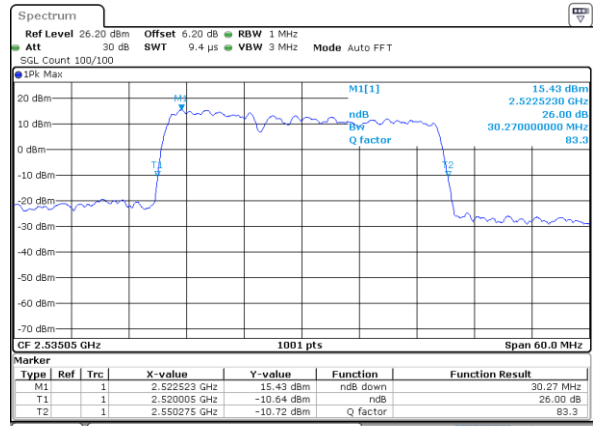
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



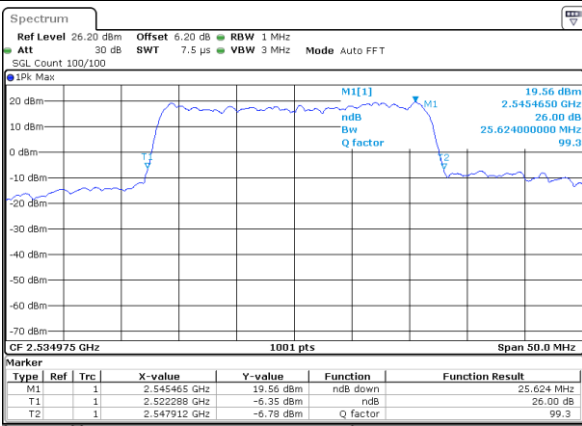
Date: 16,NOV,2023 22:12:14

Middle Channel / 10MHz+20MHz / 16QAM



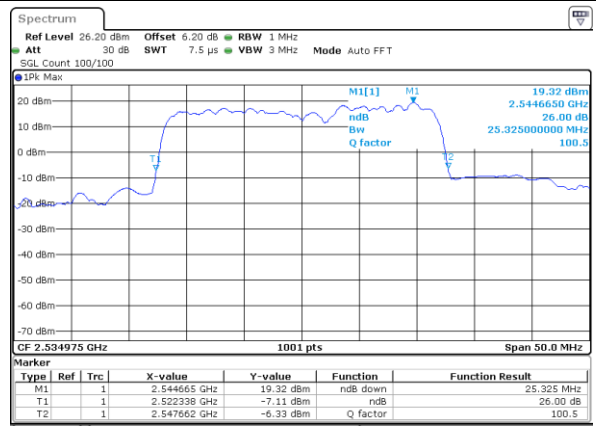
Date: 16,NOV,2023 22:12:42

Middle Channel / 15MHz+10MHz / QPSK



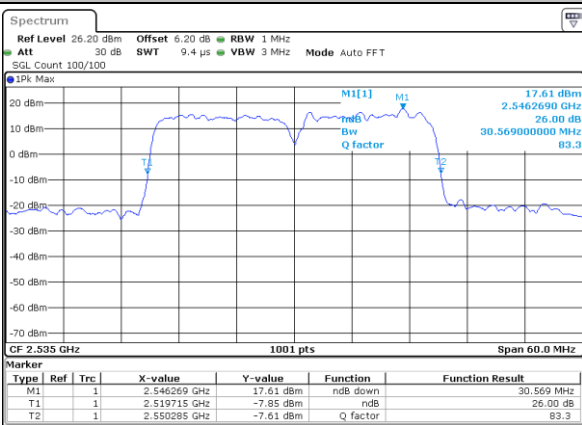
Date: 16,NOV,2023 22:13:47

Middle Channel / 15MHz+10MHz / 16QAM



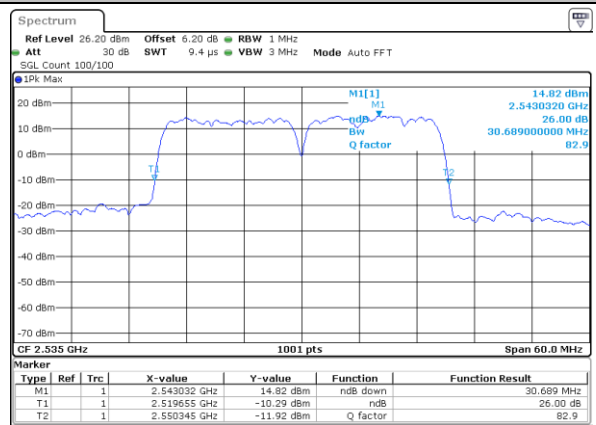
Date: 16,NOV,2023 22:13:15

Middle Channel / 15MHz+15MHz / QPSK



Date: 16,NOV,2023 22:15:29

Middle Channel / 15MHz+15MHz / 16QAM

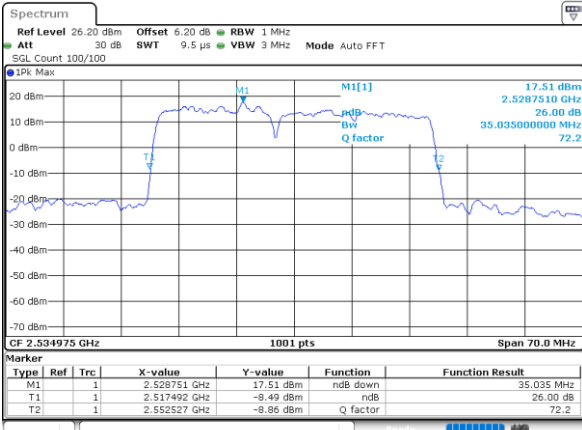


Date: 16,NOV,2023 22:15:17



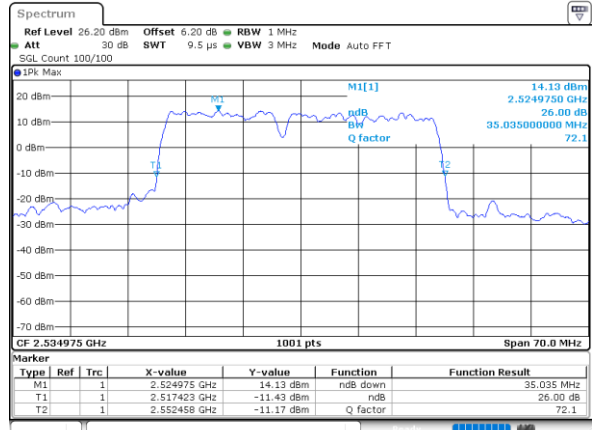
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



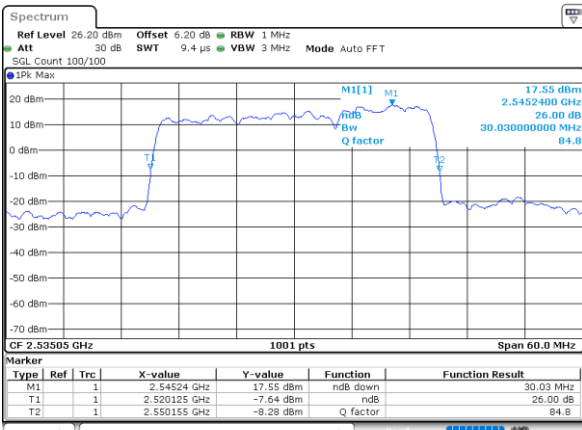
Date: 16.NOV.2023 23:17:14

Middle Channel / 15MHz+20MHz / 16QAM



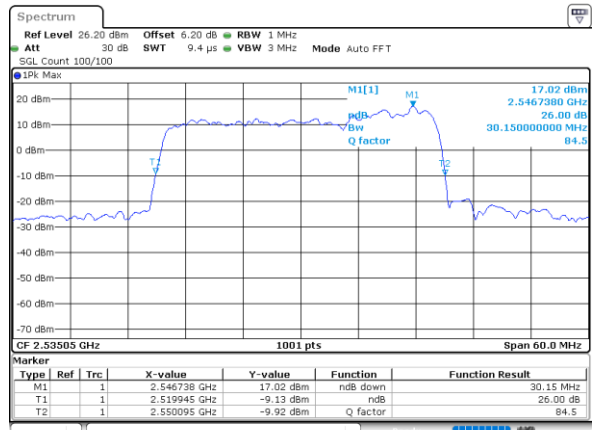
Date: 16.NOV.2023 23:17:41

Middle Channel / 20MHz+10MHz / QPSK



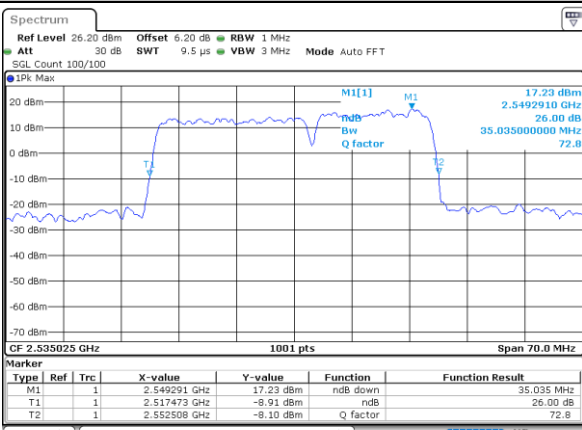
Date: 16.NOV.2023 23:37:59

Middle Channel / 20MHz+10MHz / 16QAM



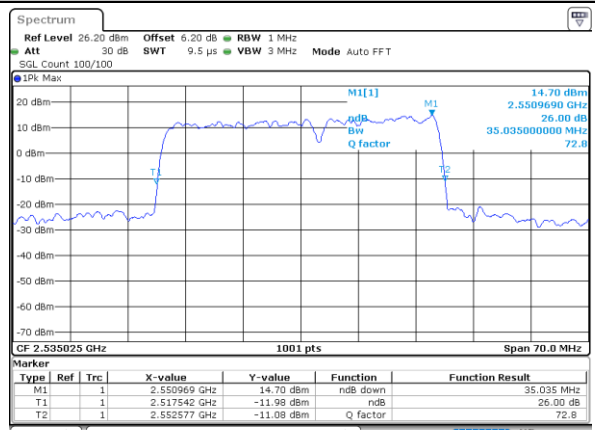
Date: 16.NOV.2023 23:38:27

Middle Channel / 20MHz+15MHz / QPSK



Date: 16.NOV.2023 23:58:47

Middle Channel / 20MHz+15MHz / 16QAM

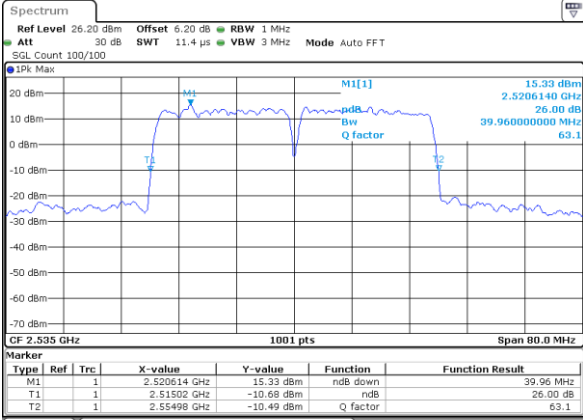


Date: 16.NOV.2023 23:59:15



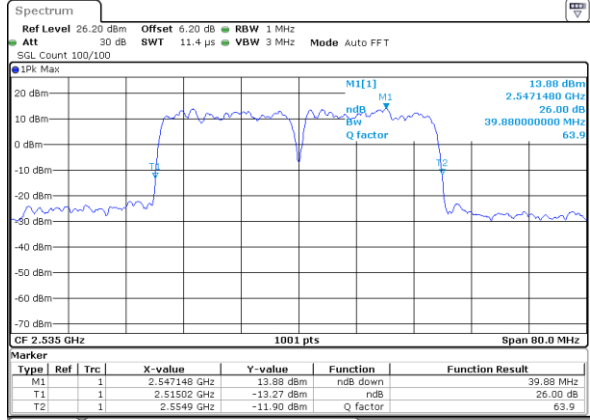
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 17,NOV,2023 00:19:35

Middle Channel / 20MHz+20MHz / 16QAM



Date: 17,NOV,2023 00:20:03



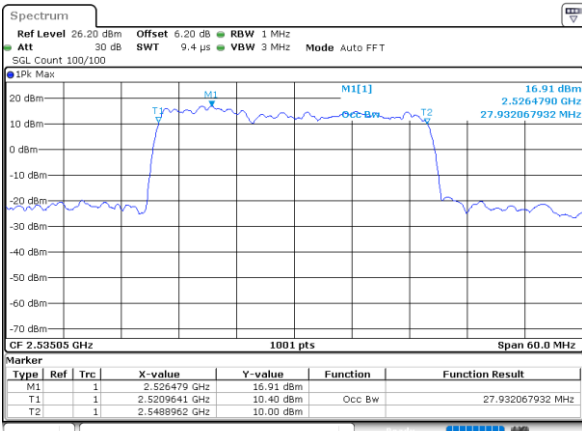
Occupied Bandwidth

Mode	LTE Band 7CA : 99%OBW(MHz)	
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	27.93	28.05
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.53
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.71	28.71
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	32.87	32.94
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.23	28.23
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	33.08	32.80
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.56	37.64



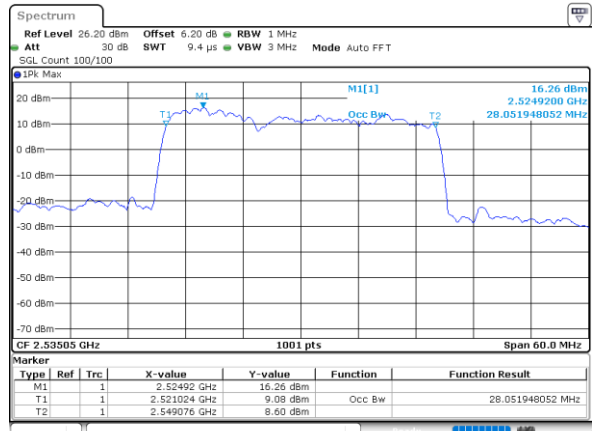
LTE Band 7C

Middle Channel / 10MHz+20MHz / QPSK



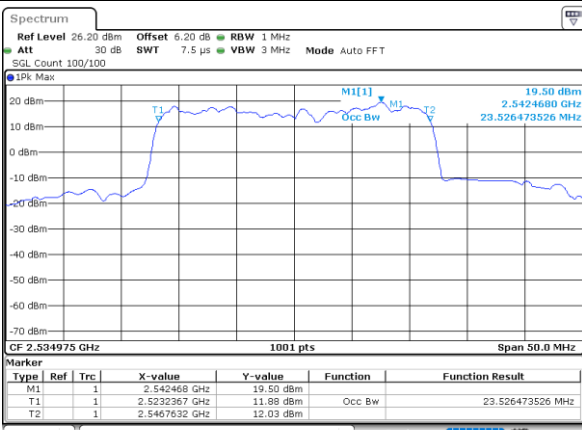
Date: 16.NOV.2023 22:11:47

Middle Channel / 10MHz+20MHz / 16QAM



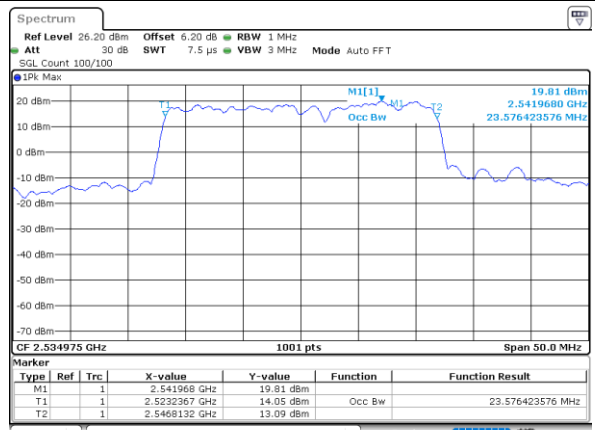
Date: 16.NOV.2023 22:13:09

Middle Channel / 15MHz+10MHz / QPSK



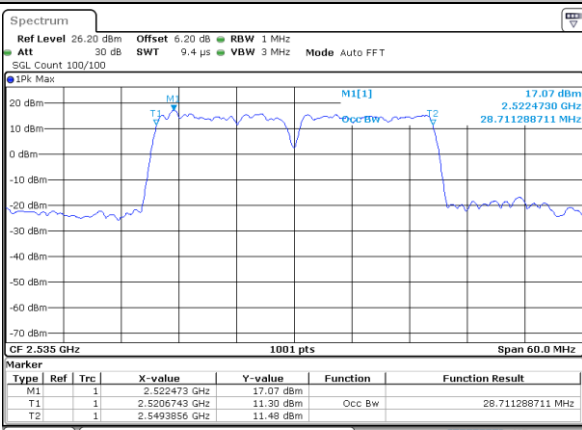
Date: 16.NOV.2023 22:13:42

Middle Channel / 15MHz+10MHz / 16QAM



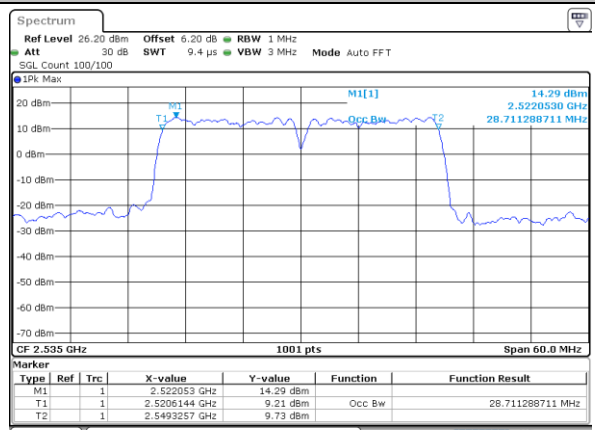
Date: 16.NOV.2023 22:13:20

Middle Channel / 15MHz+15MHz / QPSK



Date: 16.NOV.2023 22:15:01

Middle Channel / 15MHz+15MHz / 16QAM

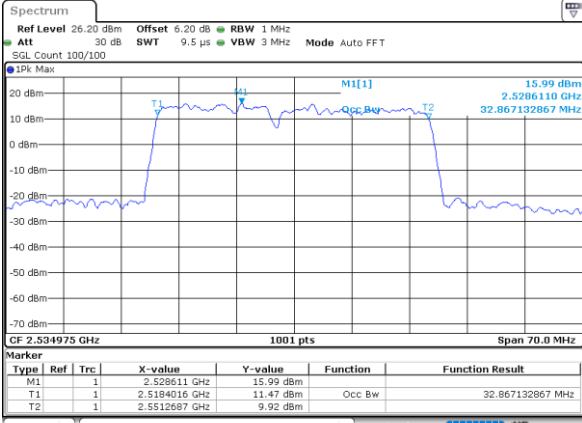


Date: 16.NOV.2023 22:15:124



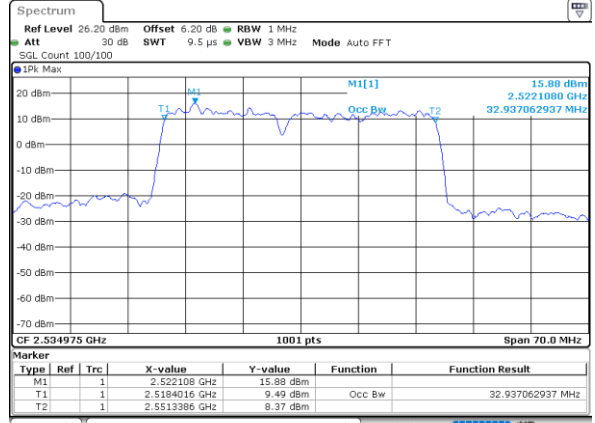
LTE Band 7C

Middle Channel / 15MHz+20MHz / QPSK



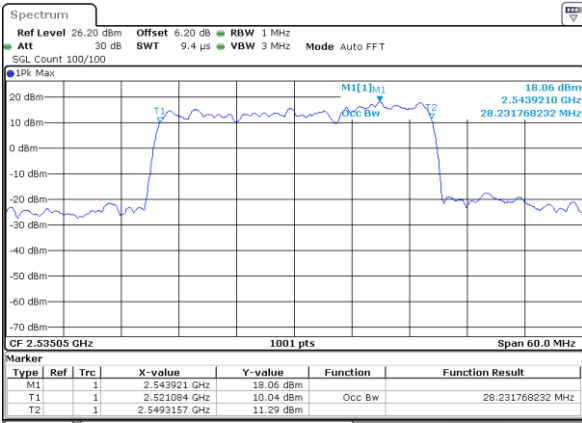
Date: 16.NOV.2023 23:16:46

Middle Channel / 15MHz+20MHz / 16QAM



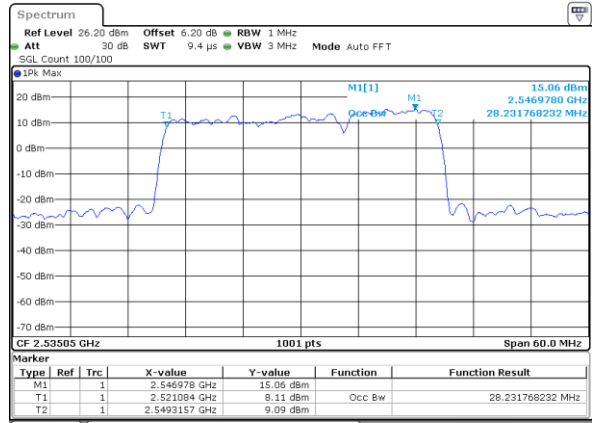
Date: 16.NOV.2023 23:18:09

Middle Channel / 20MHz+10MHz / QPSK



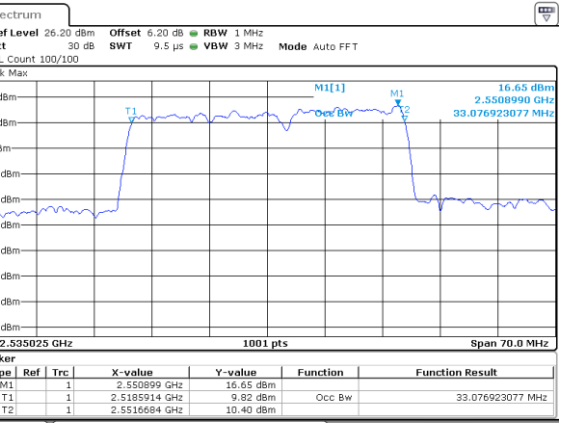
Date: 16.NOV.2023 23:37:32

Middle Channel / 20MHz+10MHz / 16QAM



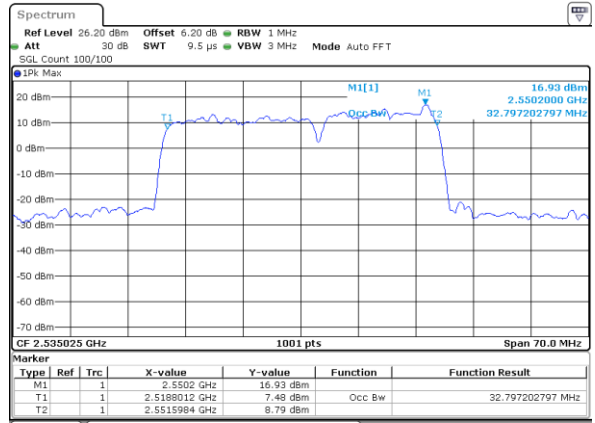
Date: 16.NOV.2023 23:38:54

Middle Channel / 20MHz+15MHz / QPSK



Date: 16.NOV.2023 23:58:20

Middle Channel / 20MHz+15MHz / 16QAM

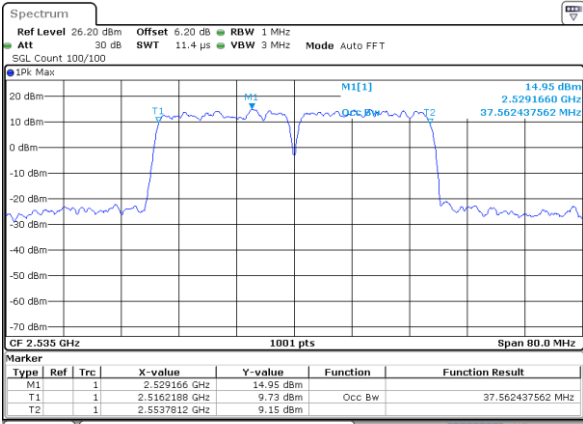


Date: 16.NOV.2023 23:59:43



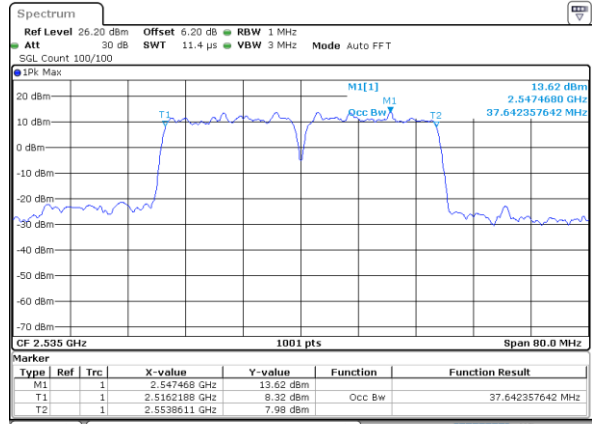
LTE Band 7C

Middle Channel / 20MHz+20MHz / QPSK



Date: 17,NOV,2023 00:19:08

Middle Channel / 20MHz+20MHz / 16QAM



Date: 17,NOV,2023 00:20:30

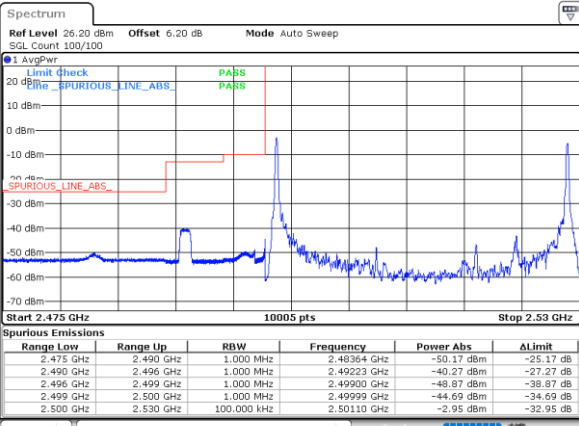


Conducted Band Edge

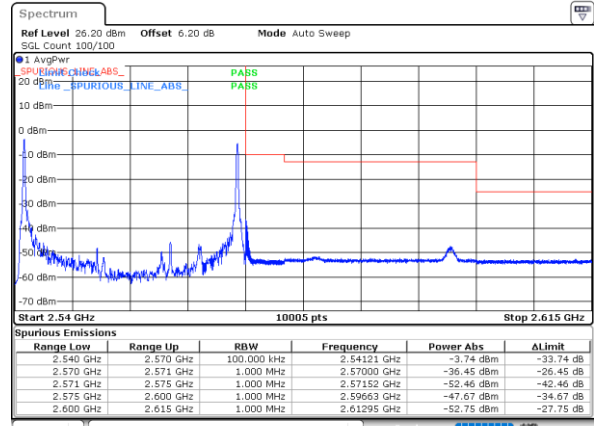
LTE Band 7C / 10MHz+20MHz

QPSK

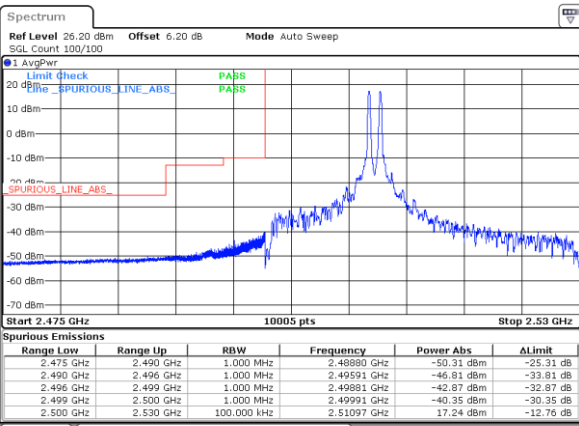
Lowest Band Edge / 1RB0 and 1RB9



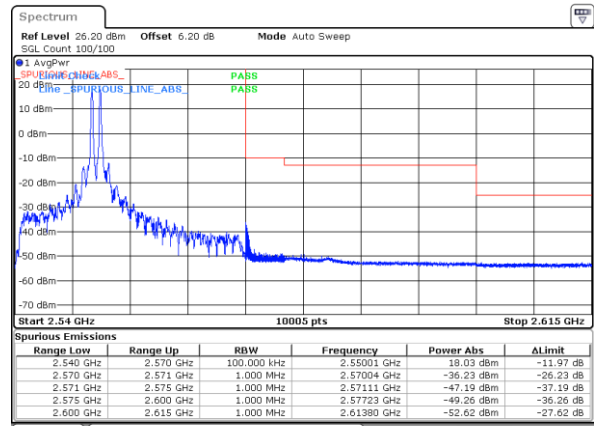
Highest Band Edge / 1RB0 and 1RB9



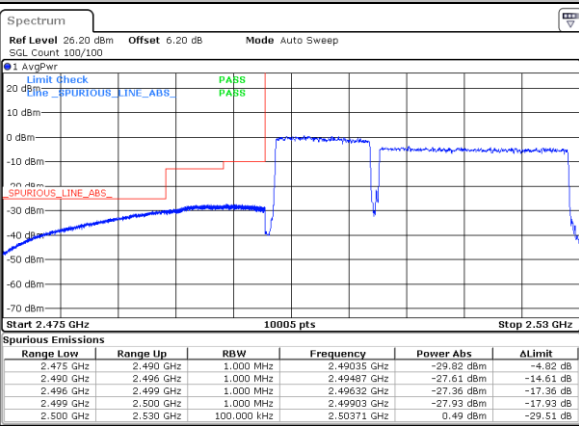
Lowest Band Edge / 1RB49 and 1RB0



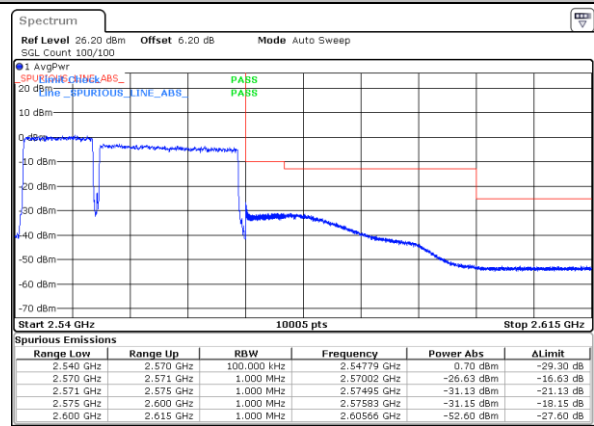
Highest Band Edge / 1RB49 and 1RB0



Lowest Band Edge / Full RB



Highest Band Edge / Full RB



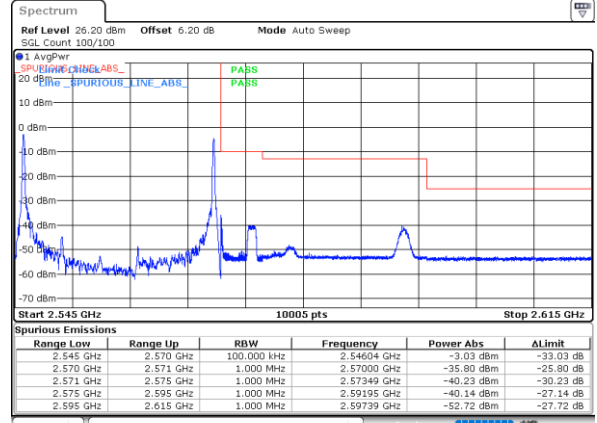
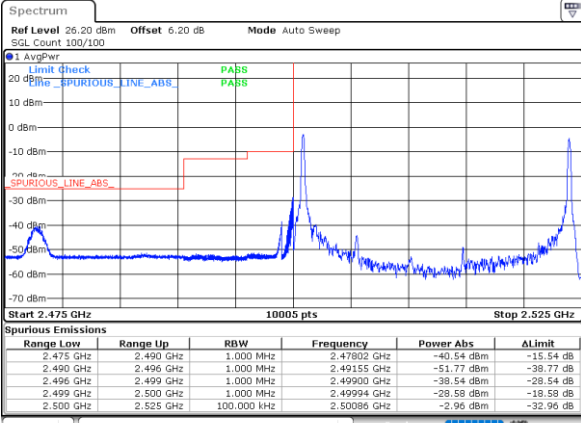


LTE Band 7C / 15MHz+10MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB49

Highest Band Edge / 1RB0 and 1RB49

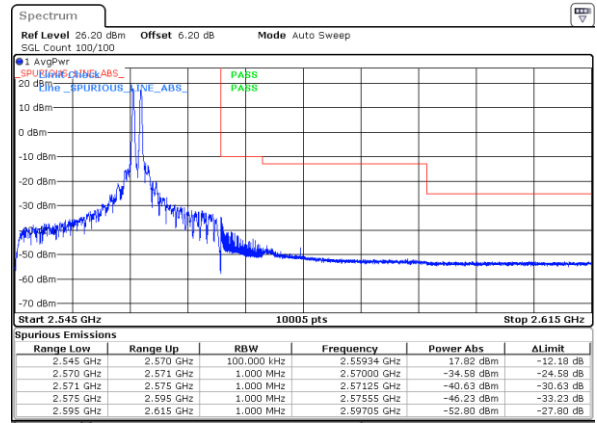
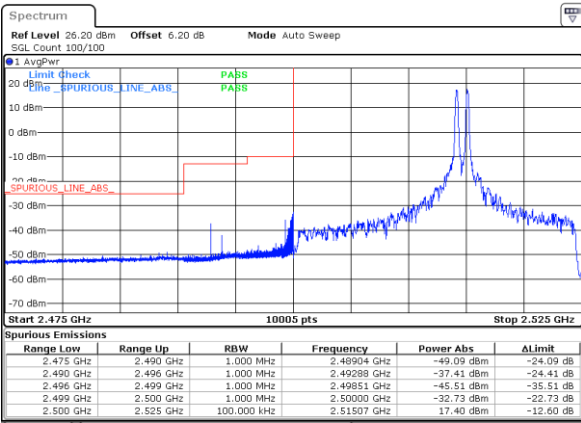


Date: 16.NOV.2023 22:15:27

Date: 16.NOV.2023 22:28:28

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

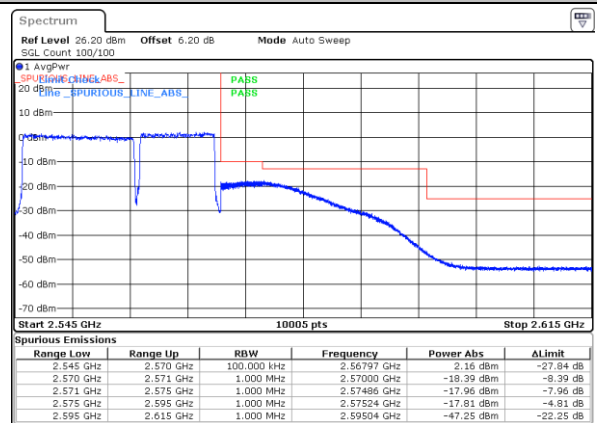
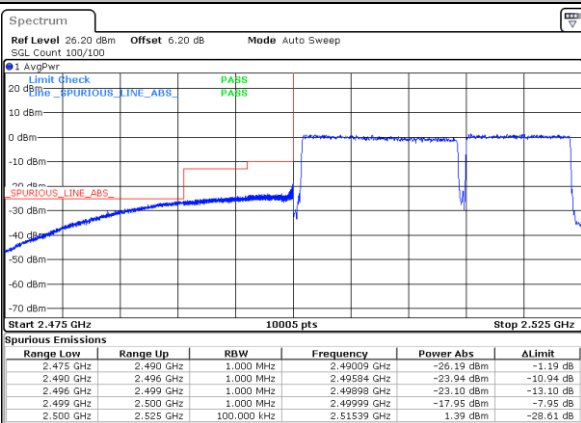


Date: 16.NOV.2023 22:17:52

Date: 16.NOV.2023 22:30:51

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 27.NOV.2023 09:51:22

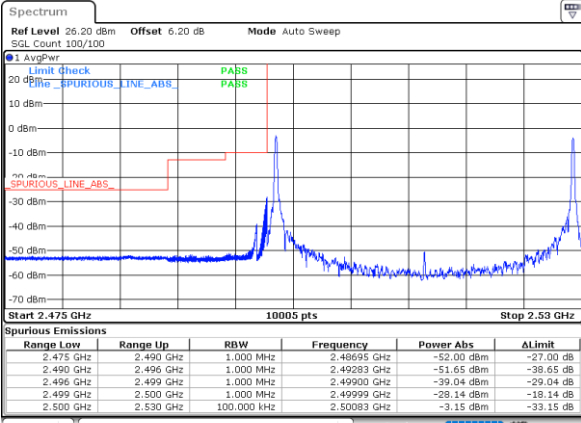
Date: 16.NOV.2023 22:33:15



LTE Band 7C / 15MHz+15MHz

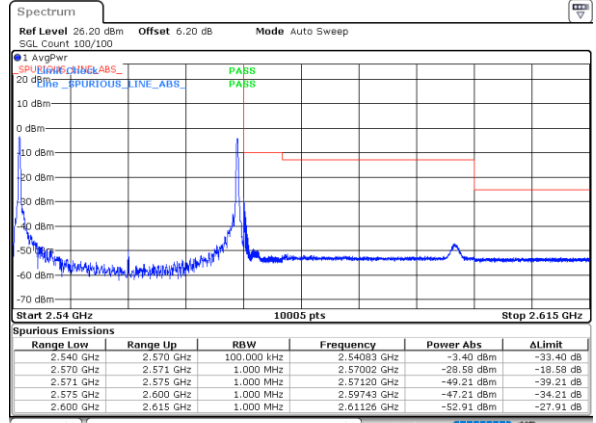
QPSK

Lowest Band Edge / 1RB0 and 1RB74



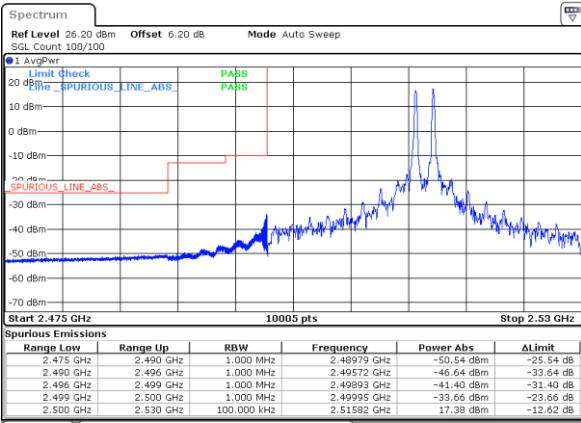
Date: 16.NOV.2023 22:13:59

Highest Band Edge / 1RB0 and 1RB74



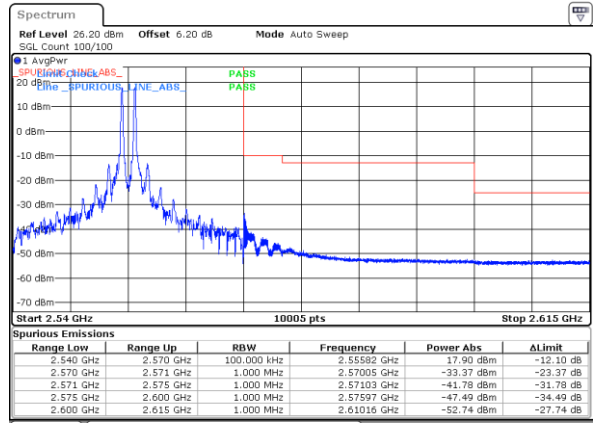
Date: 16.NOV.2023 22:14:08

Lowest Band Edge / 1RB74 and 1RB0



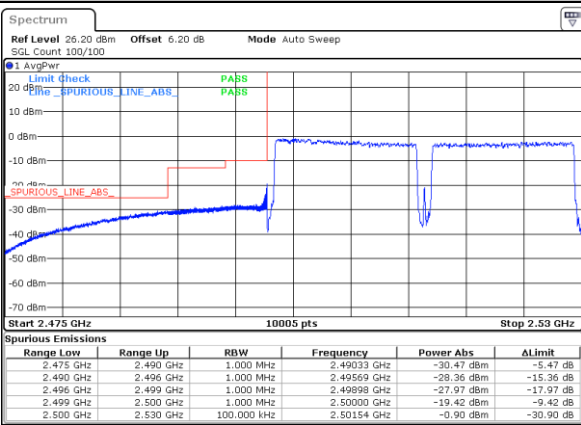
Date: 16.NOV.2023 22:41:23

Highest Band Edge / 1RB74 and 1RB0



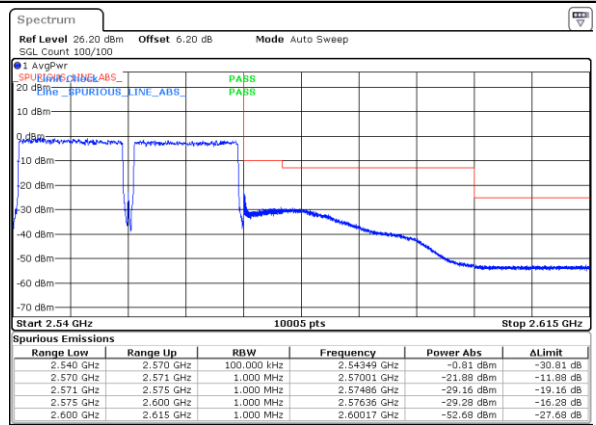
Date: 16.NOV.2023 22:51:33

Lowest Band Edge / Full RB



Date: 16.NOV.2023 22:43:47

Highest Band Edge / Full RB



Date: 16.NOV.2023 22:53:57

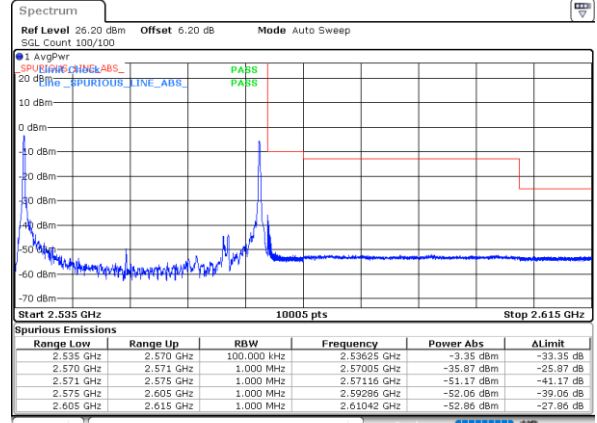
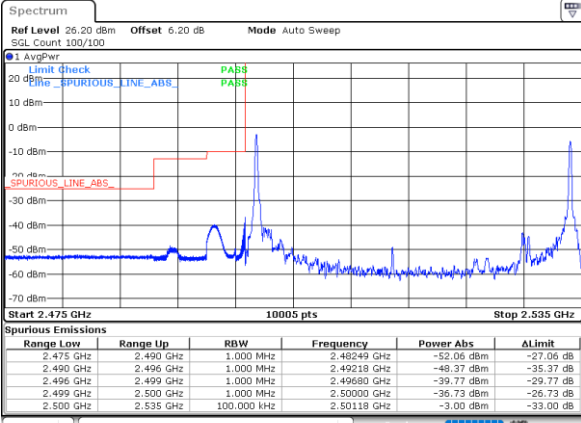


LTE Band 7C / 15MHz+20MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB9

Highest Band Edge / 1RB0 and 1RB9

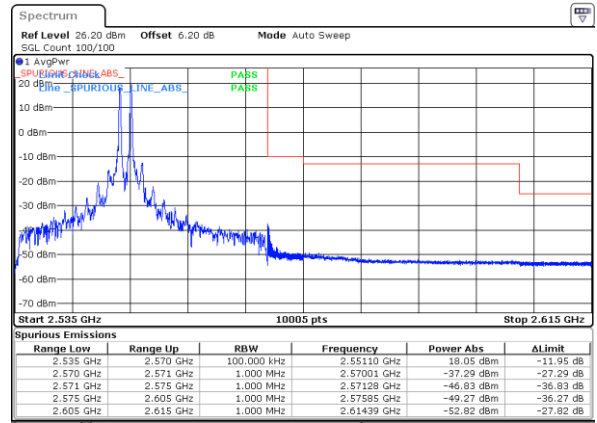
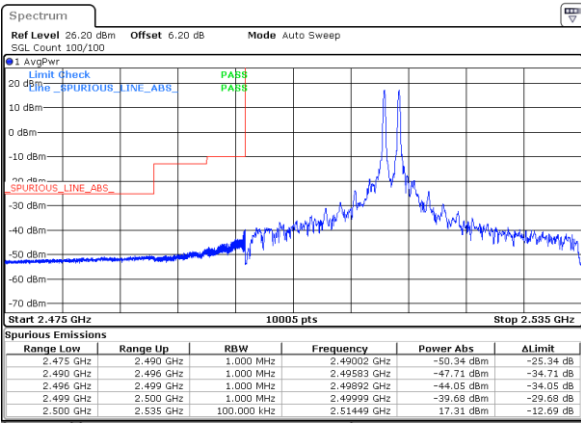


Date: 16.NOV.2023 22:59:40

Date: 16.NOV.2023 23:09:51

Lowest Band Edge / 1RB74 and 1RB0

Highest Band Edge / 1RB74 and 1RB0

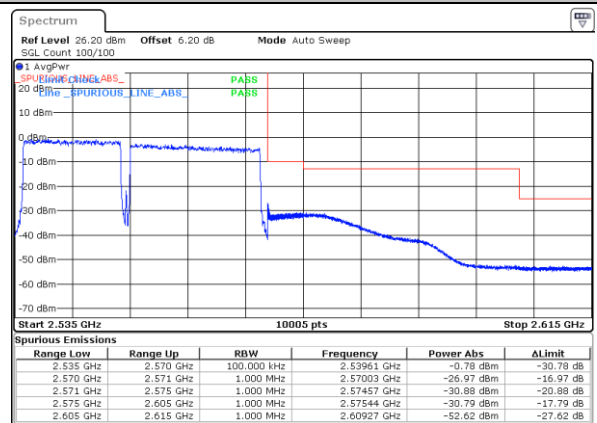
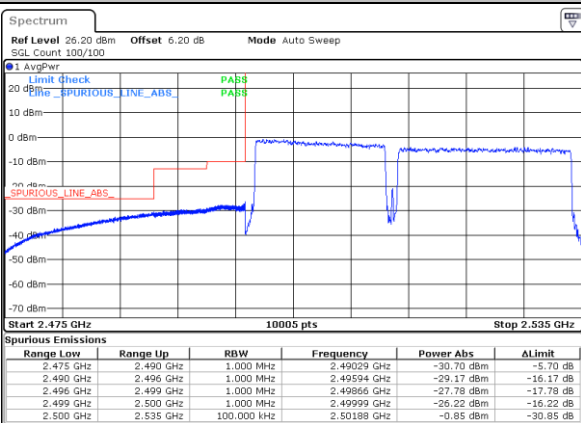


Date: 16.NOV.2023 23:02:06

Date: 16.NOV.2023 23:12:15

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 23:04:30

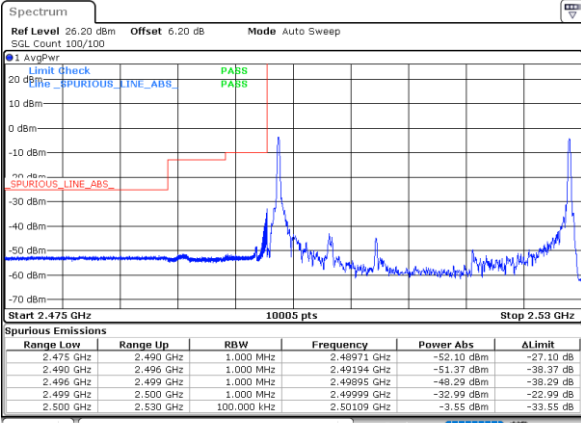
Date: 16.NOV.2023 23:14:40



LTE Band 7C / 20MHz+10MHz

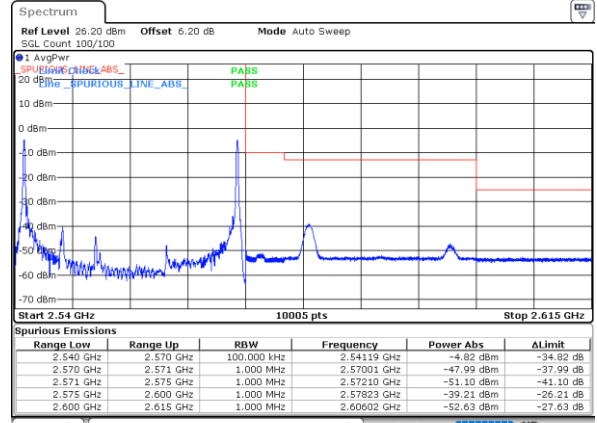
QPSK

Lowest Band Edge / 1RB0 and 1RB74



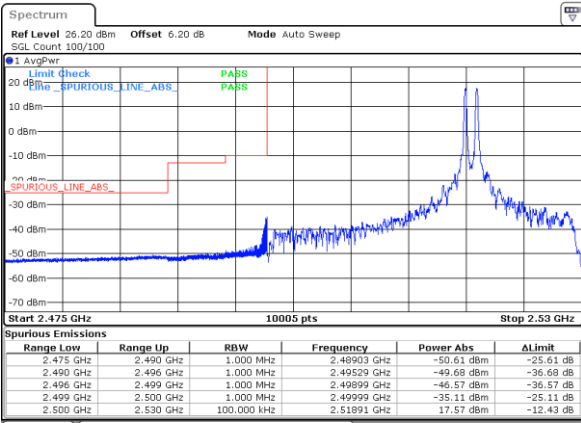
Date: 16.NOV.2023 23:20:28

Highest Band Edge / 1RB0 and 1RB74



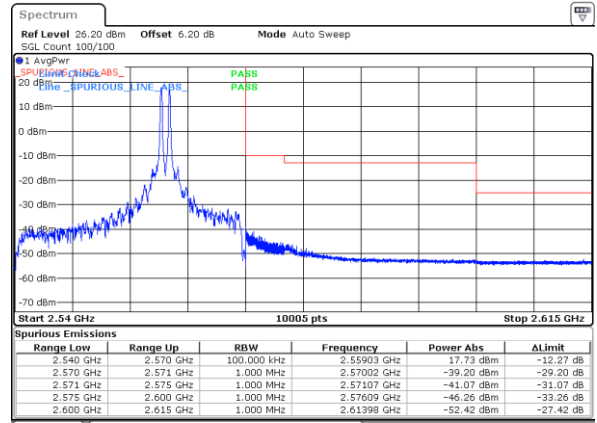
Date: 16.NOV.2023 23:30:38

Lowest Band Edge / 1RB99 and 1RB0



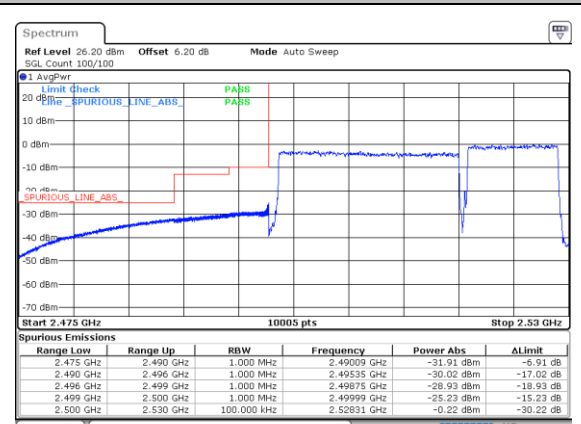
Date: 16.NOV.2023 23:22:53

Highest Band Edge / 1RB99 and 1RB0



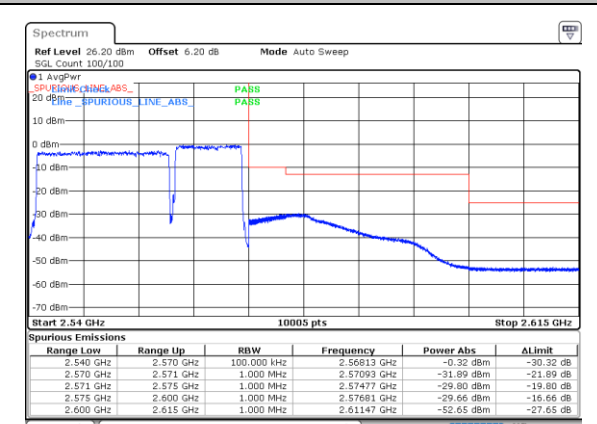
Date: 16.NOV.2023 23:33:02

Lowest Band Edge / Full RB



Date: 16.NOV.2023 23:21:12

Highest Band Edge / Full RB



Date: 16.NOV.2023 23:31:22

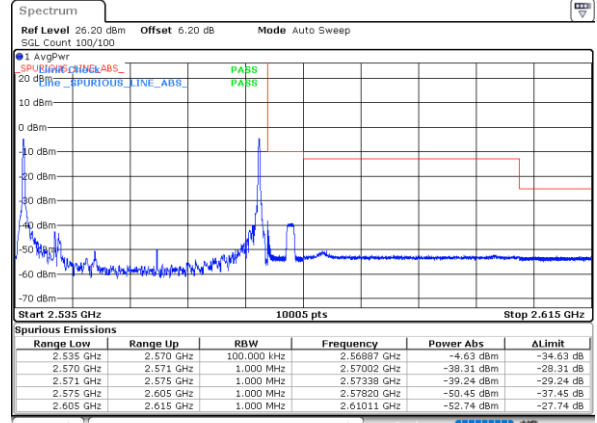
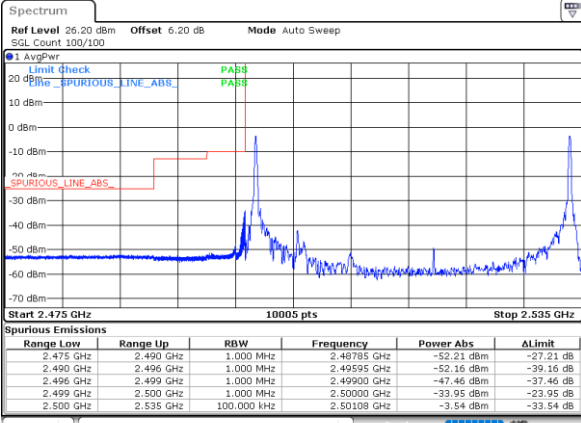


LTE Band 7C / 20MHz+15MHz

QPSK

Lowest Band Edge / 1RB0 and 1RB74

Highest Band Edge / 1RB0 and 1RB74

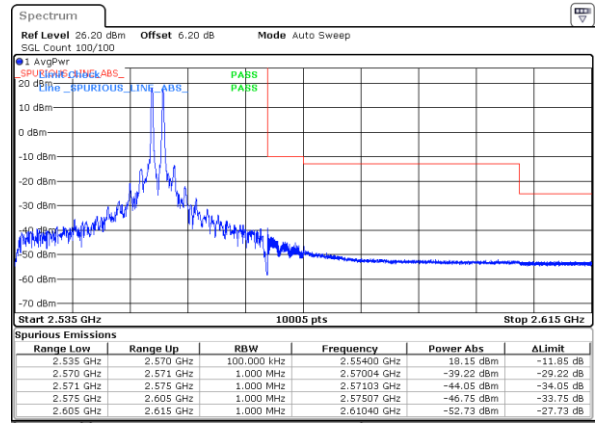
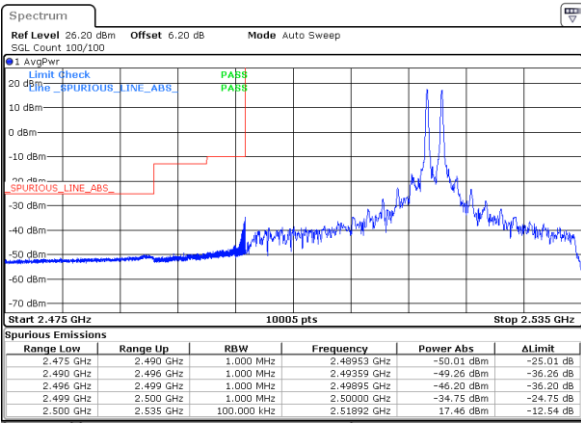


Date: 16.NOV.2023 23:41:12

Date: 16.NOV.2023 23:51:24

Lowest Band Edge / 1RB99 and 1RB0

Highest Band Edge / 1RB99 and 1RB0

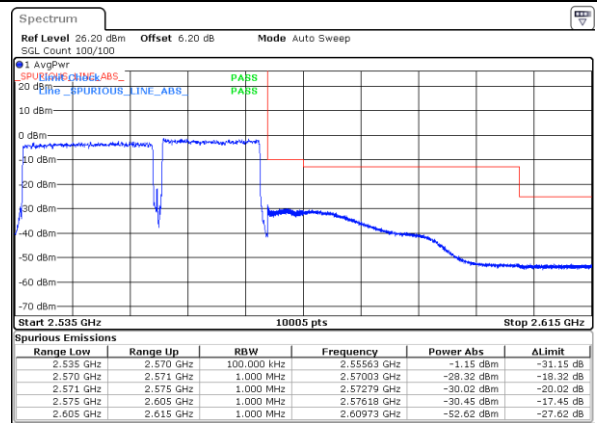
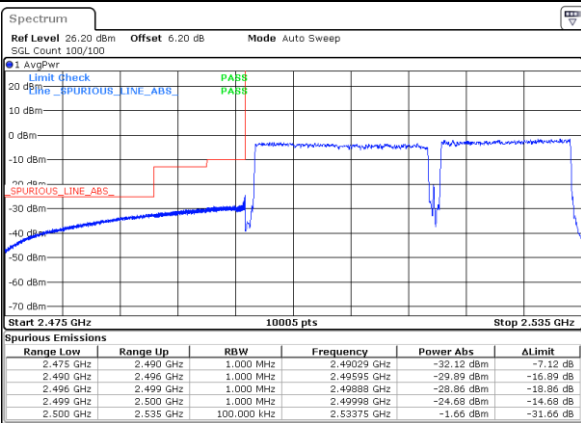


Date: 16.NOV.2023 23:43:37

Date: 16.NOV.2023 23:53:48

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 16.NOV.2023 23:46:02

Date: 16.NOV.2023 23:56:14