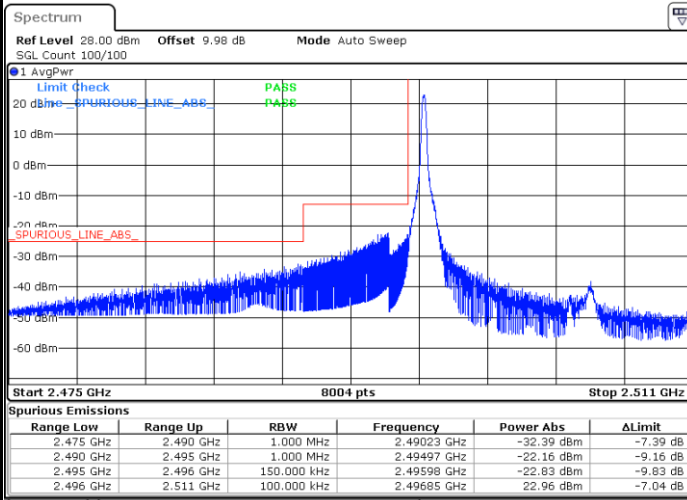




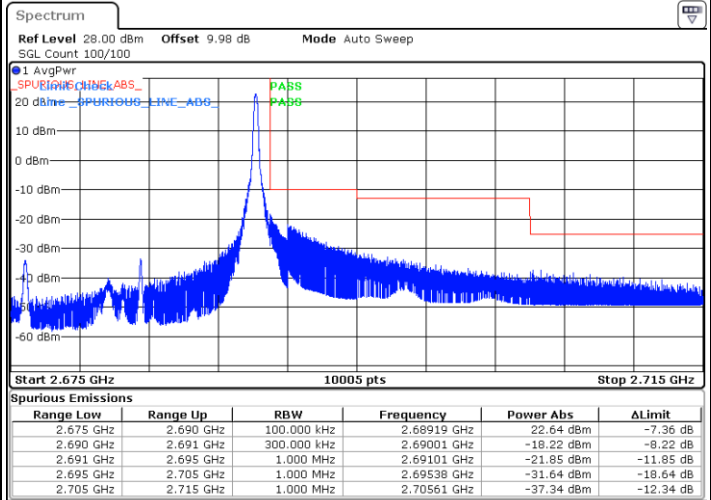
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



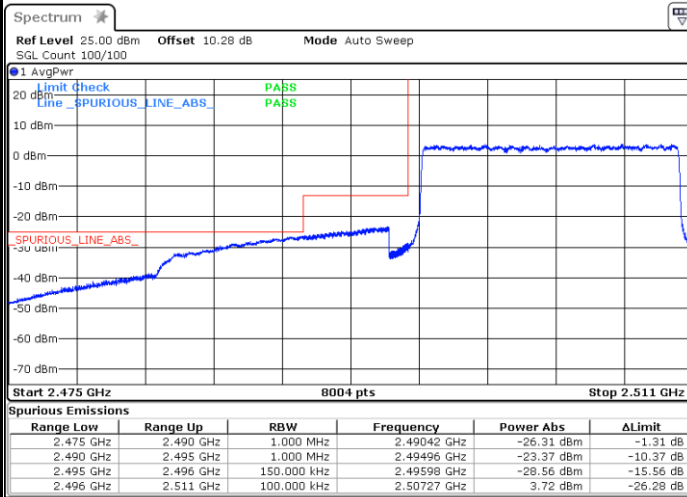
Date: 16.OCT.2023 23:58:08

Highest Band Edge / 1 RB



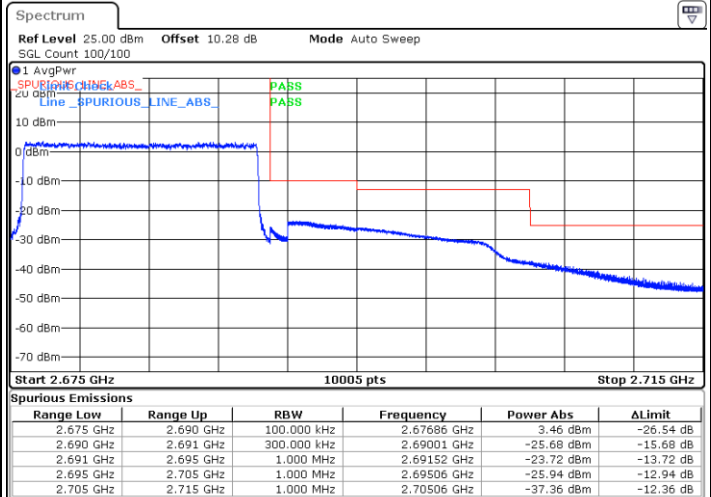
Date: 17.OCT.2023 00:54:09

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:16:01

Highest Band Edge / Full RB

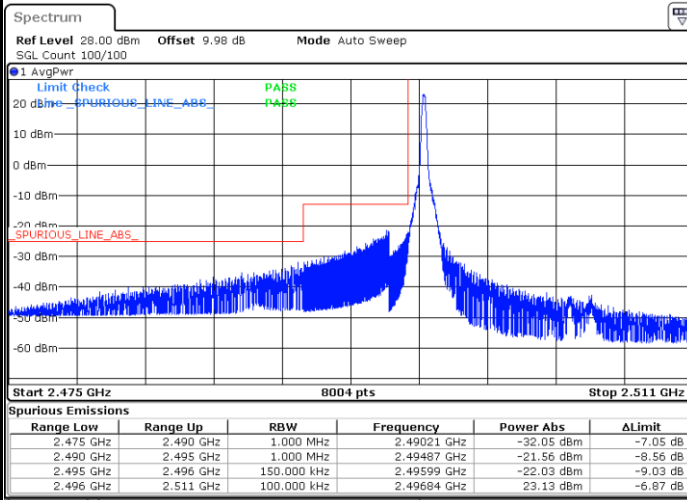


Date: 7.NOV.2023 13:21:06



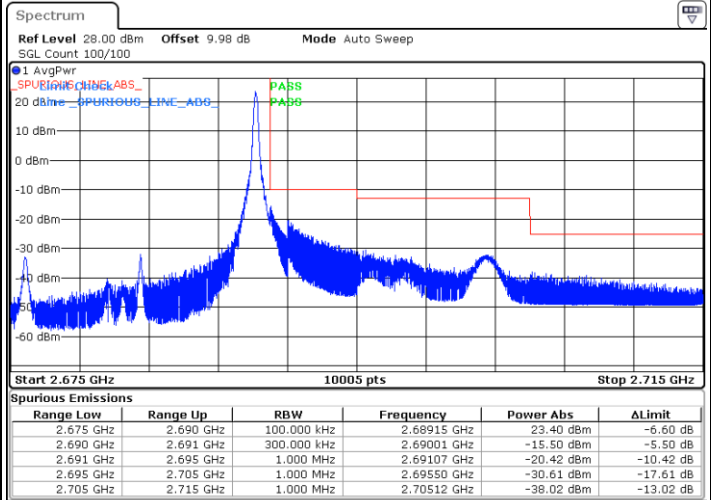
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



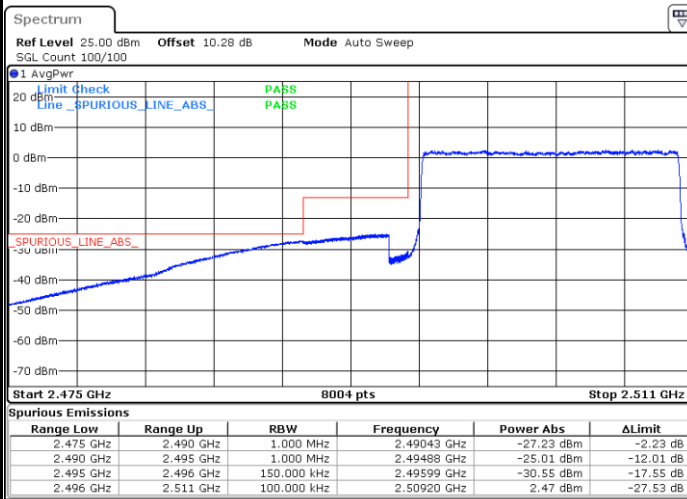
Date: 17.OCT.2023 00:00:02

Highest Band Edge / 1 RB



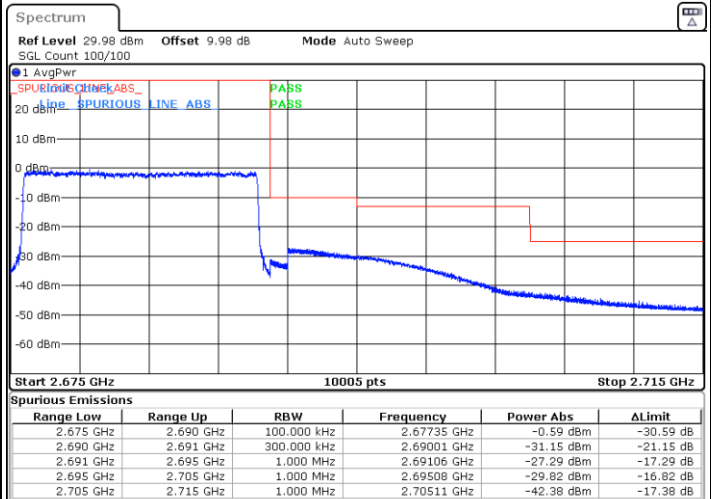
Date: 17.OCT.2023 00:56:01

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:17:43

Highest Band Edge / Full RB

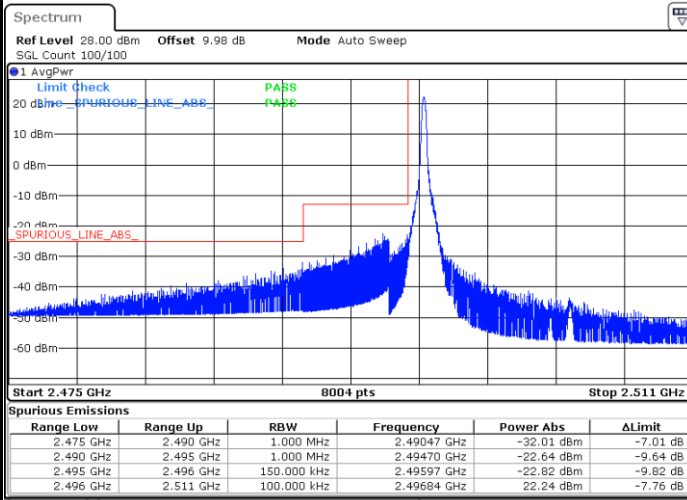


Date: 1.NOV.2023 14:30:27



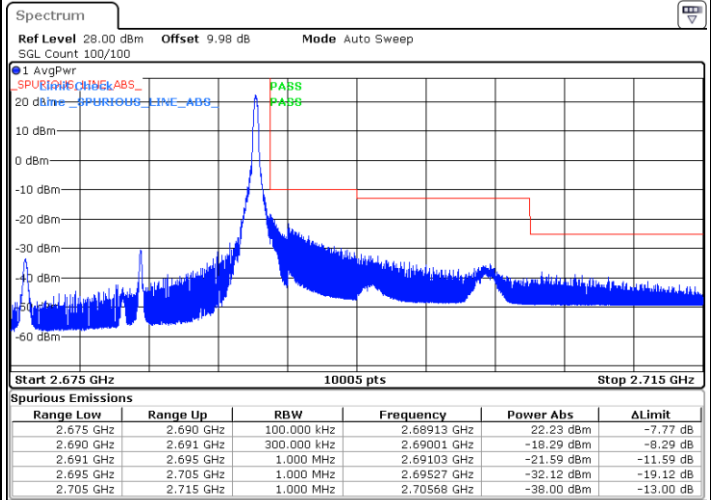
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



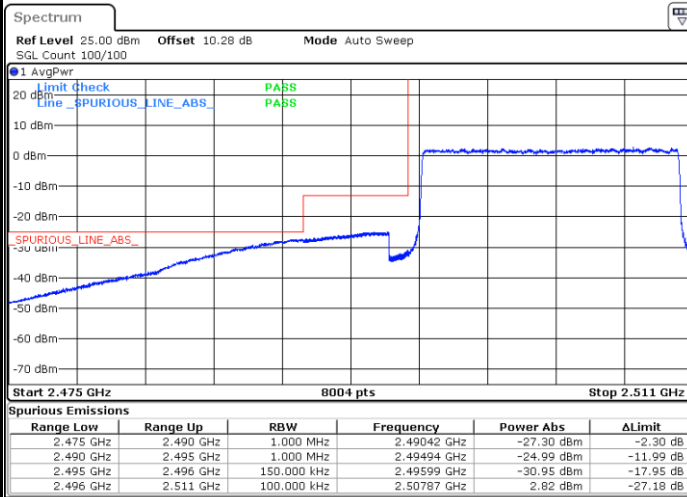
Date: 17.OCT.2023 00:46:33

Highest Band Edge / 1 RB



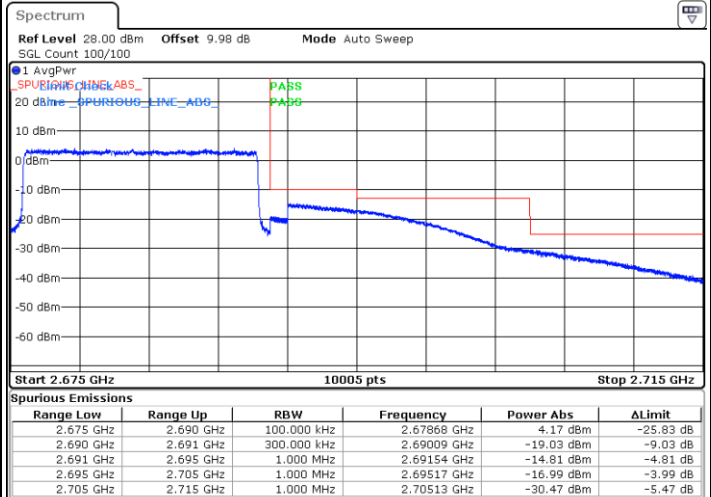
Date: 17.OCT.2023 00:57:54

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:19:25

Highest Band Edge / Full RB

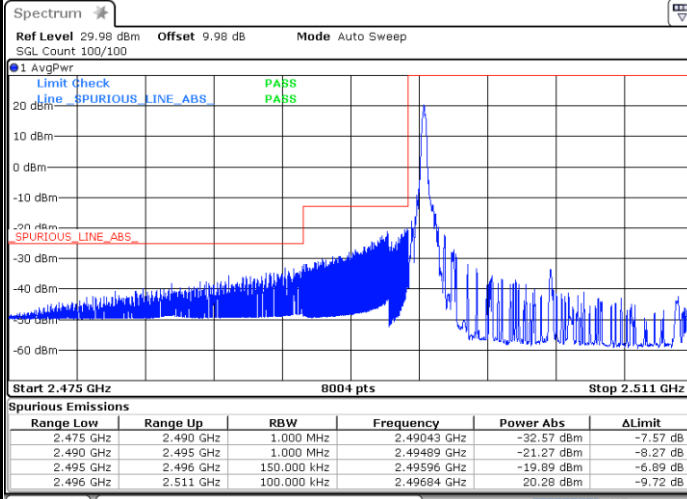


Date: 17.OCT.2023 01:03:32



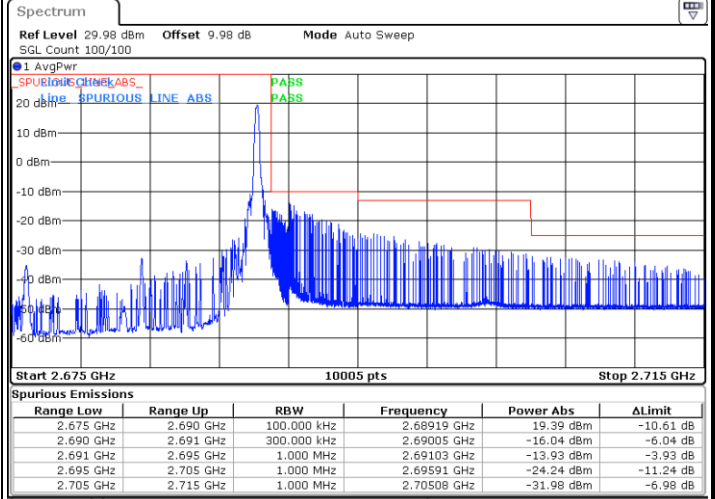
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



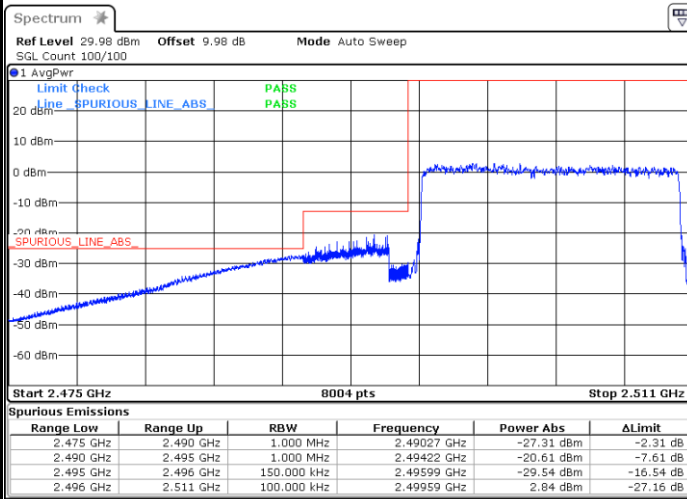
Date: 25.OCT.2023 15:14:36

Highest Band Edge / 1 RB



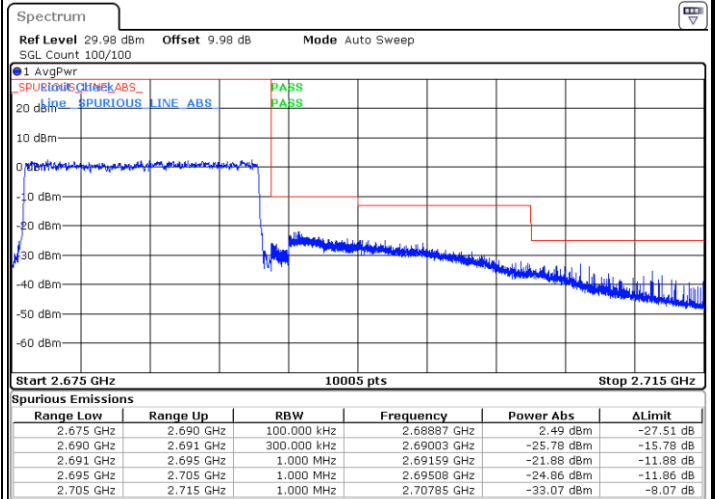
Date: 25.OCT.2023 15:16:34

Lowest Band Edge / Full RB



Date: 25.OCT.2023 15:15:30

Highest Band Edge / Full RB

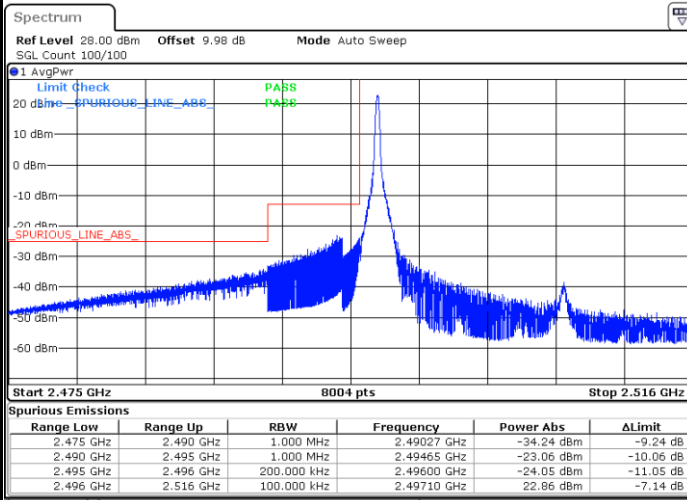


Date: 25.OCT.2023 15:16:04



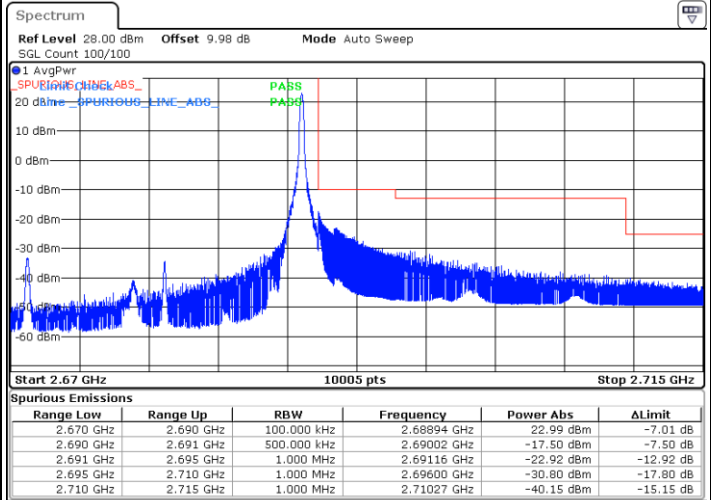
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



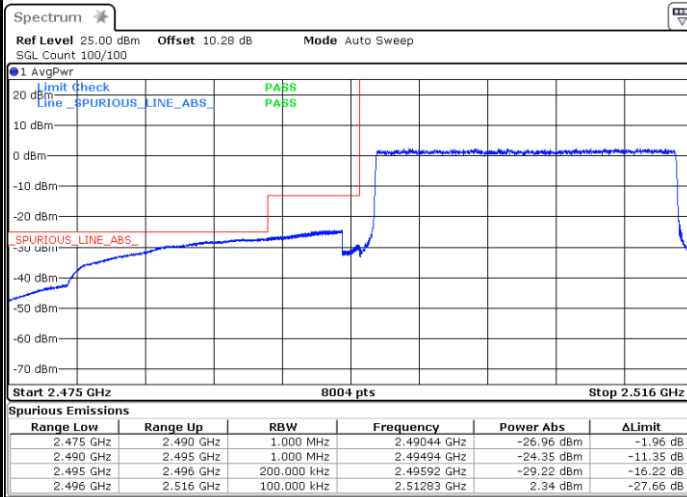
Date: 17.OCT.2023 01:20:09

Highest Band Edge / 1 RB



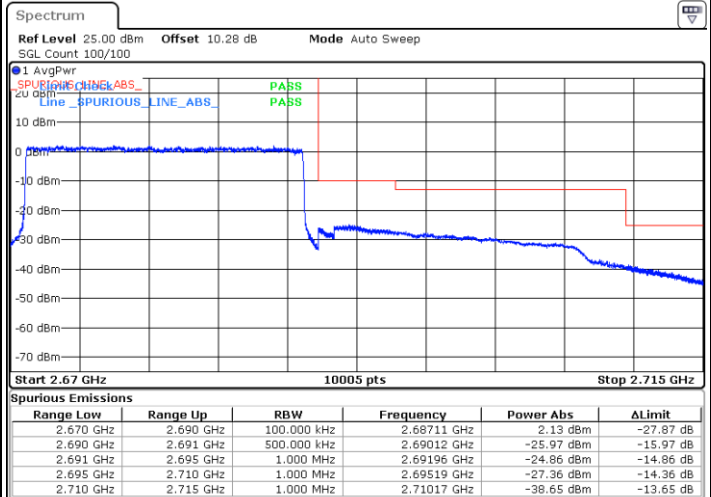
Date: 17.OCT.2023 01:31:34

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:22:49

Highest Band Edge / Full RB

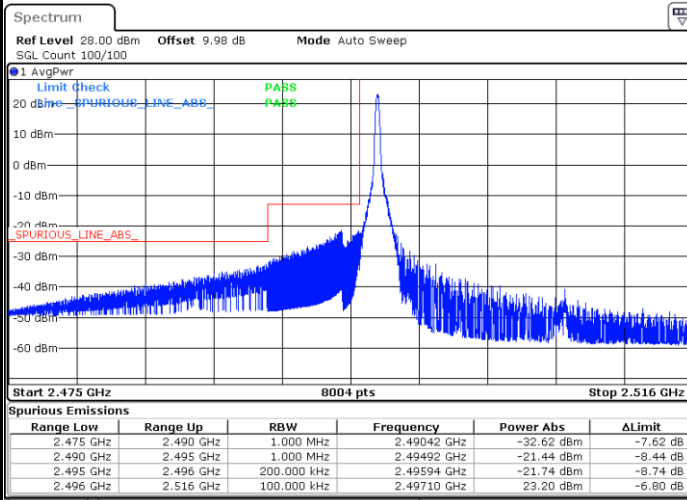


Date: 7.NOV.2023 13:27:52



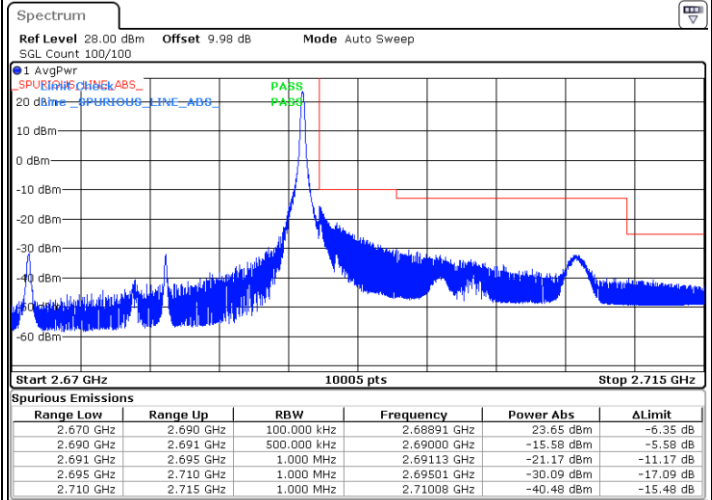
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



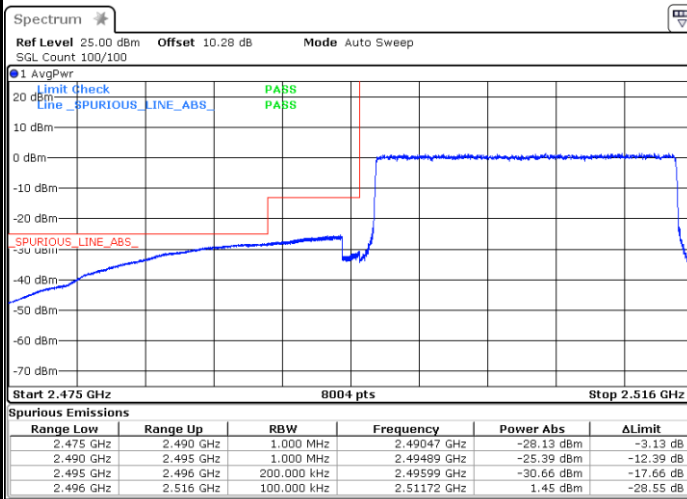
Date: 17.OCT.2023 01:22:04

Highest Band Edge / 1 RB



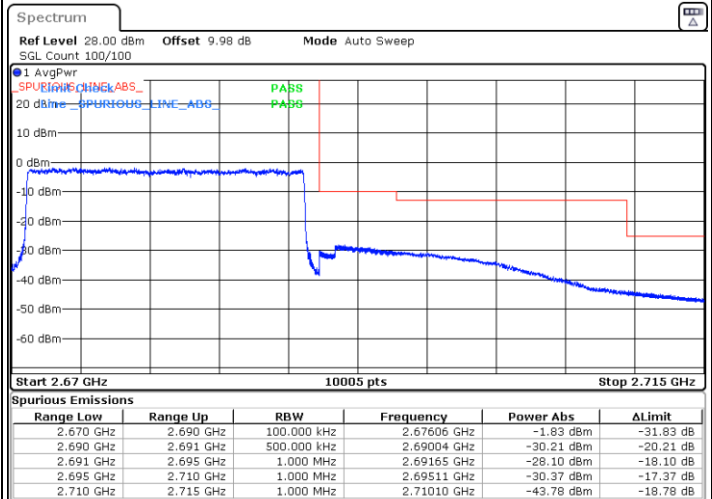
Date: 17.OCT.2023 01:33:26

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:24:30

Highest Band Edge / Full RB

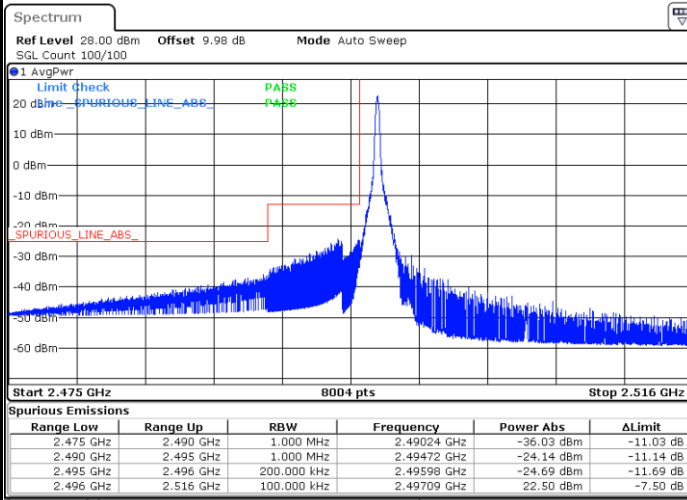


Date: 1.NOV.2023 13:55:05



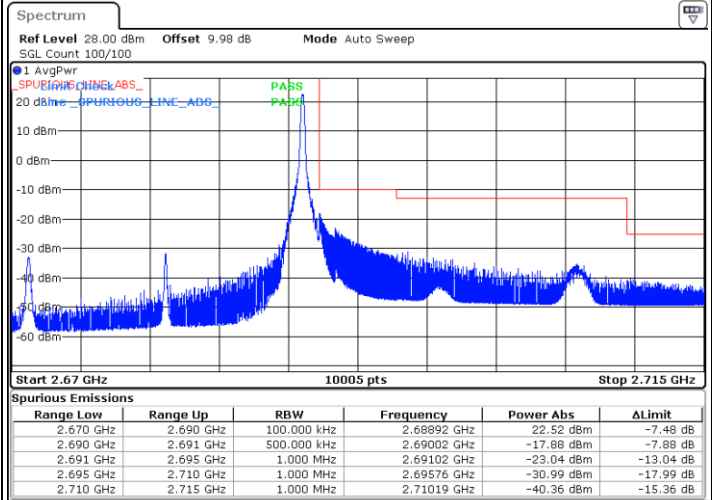
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



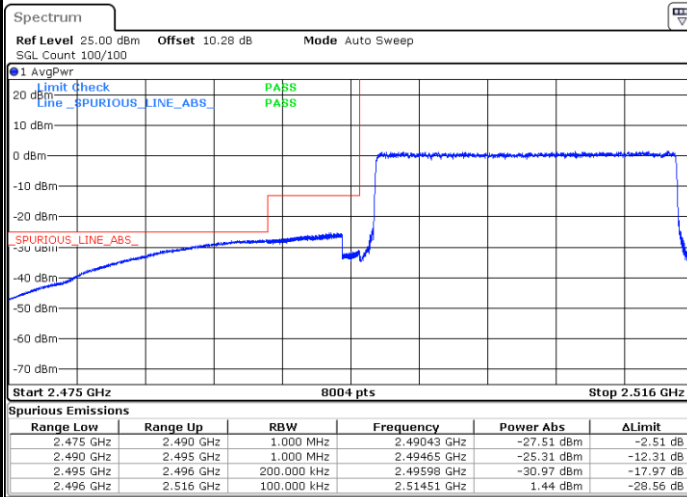
Date: 17.OCT.2023 01:23:58

Highest Band Edge / 1 RB



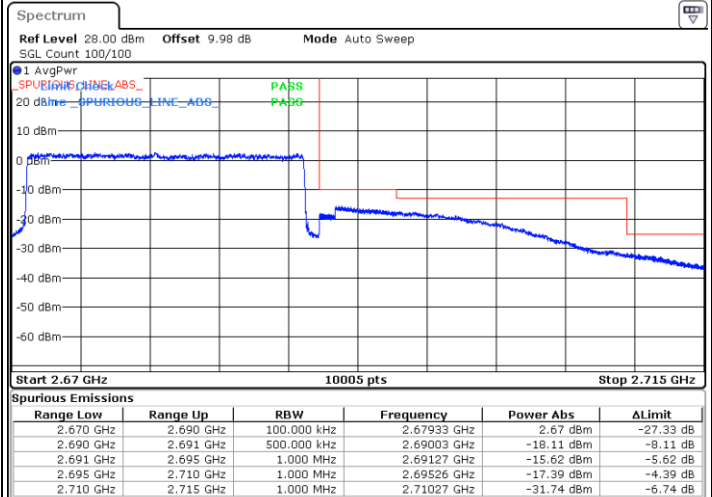
Date: 17.OCT.2023 01:35:19

Lowest Band Edge / Full RB



Date: 7.NOV.2023 13:26:12

Highest Band Edge / Full RB



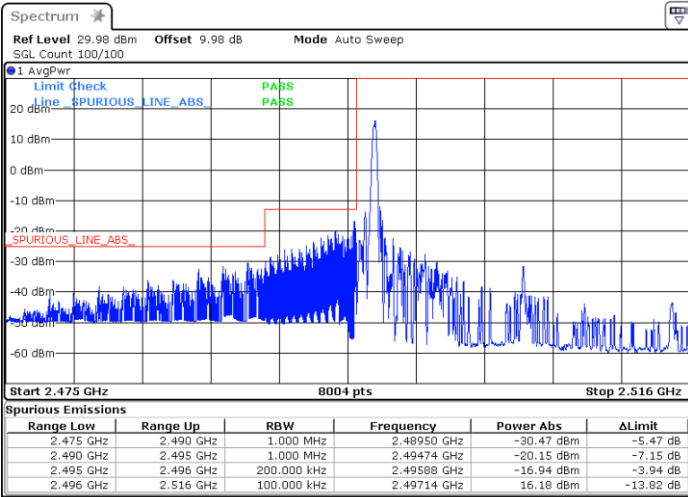
Date: 17.OCT.2023 01:40:56



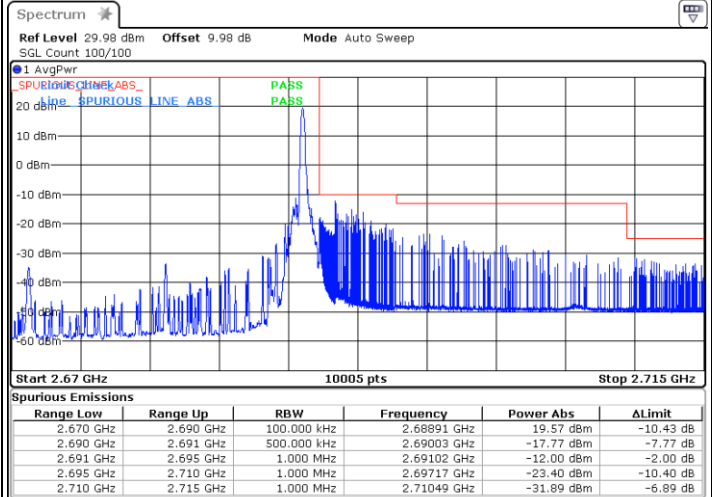
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



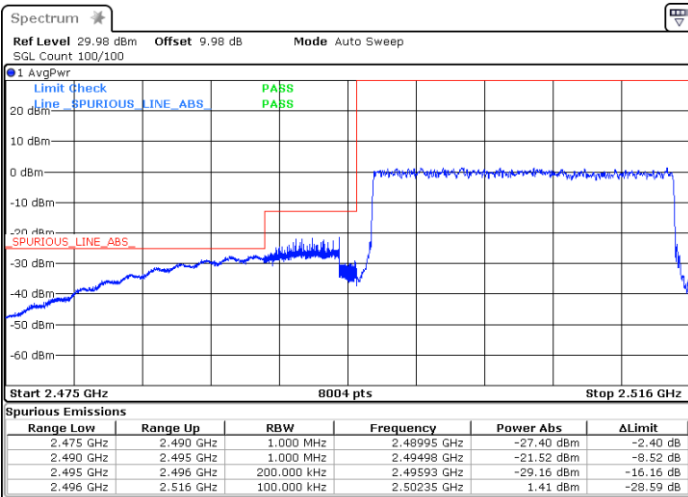
Date: 25.OCT.2023 15:17:58



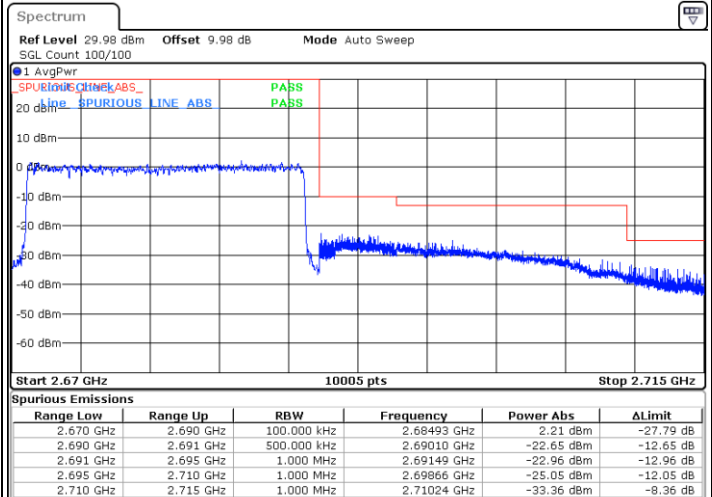
Date: 25.OCT.2023 15:20:21

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



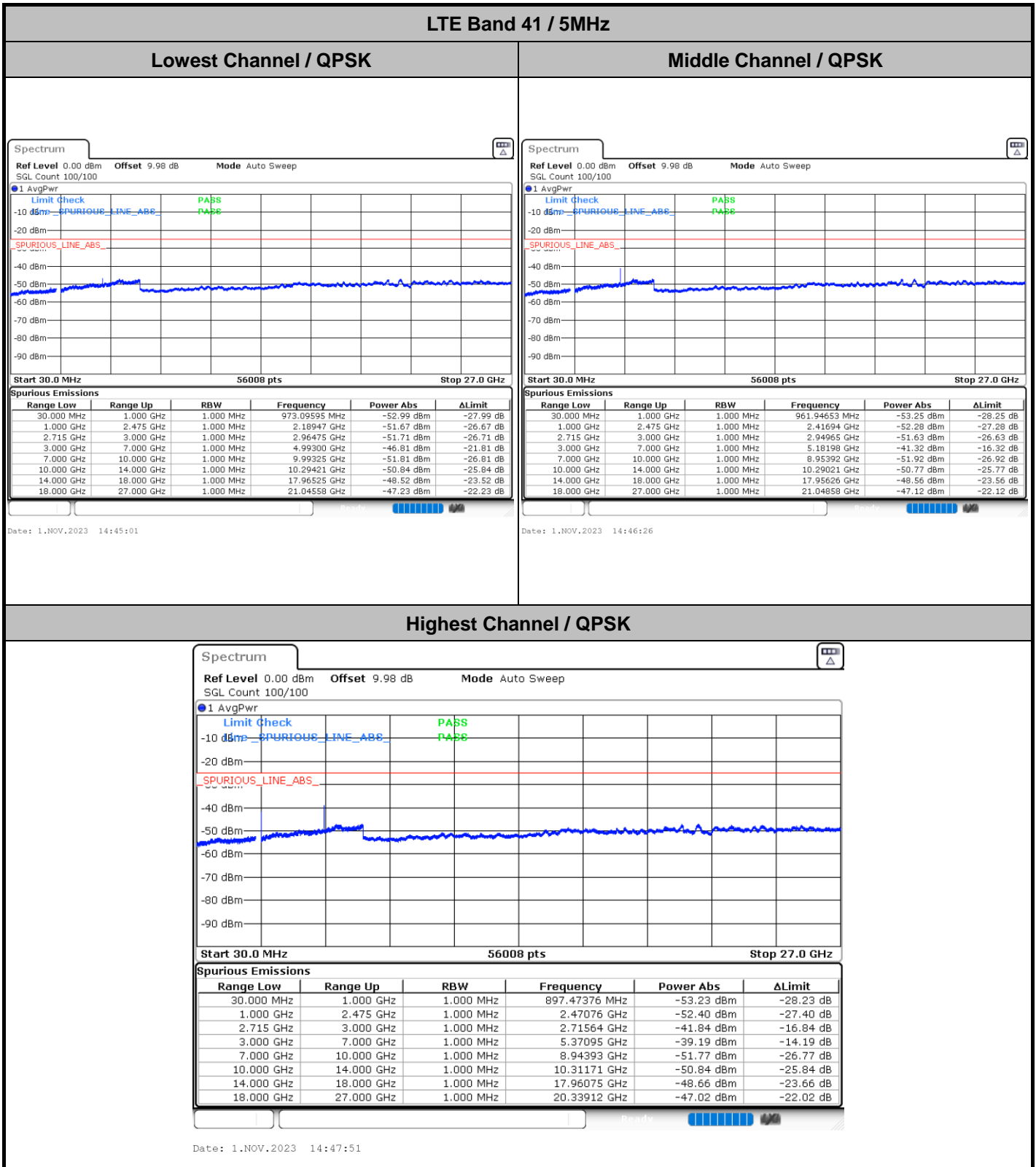
Date: 25.OCT.2023 15:18:49



Date: 25.OCT.2023 15:19:24



Conducted Spurious Emission

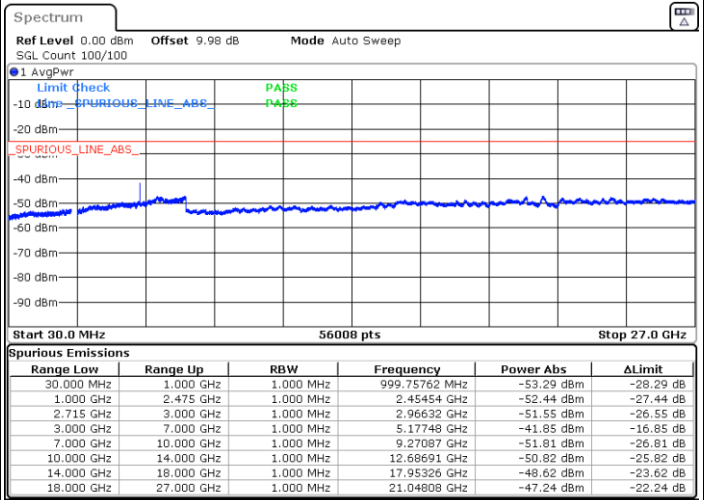
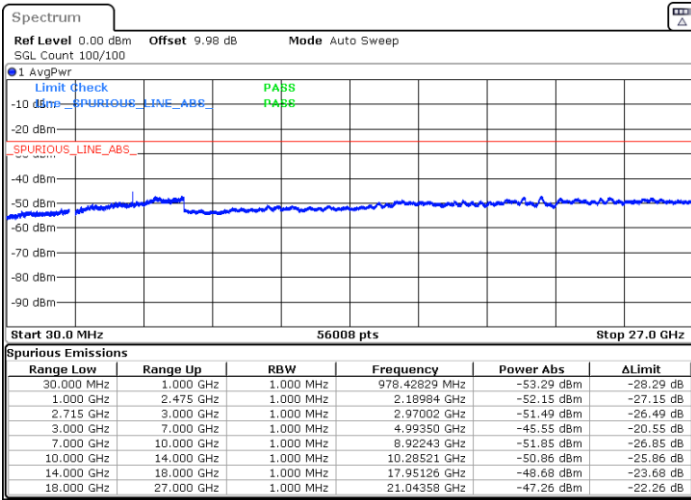




LTE Band 41 / 10MHz

Lowest Channel / QPSK

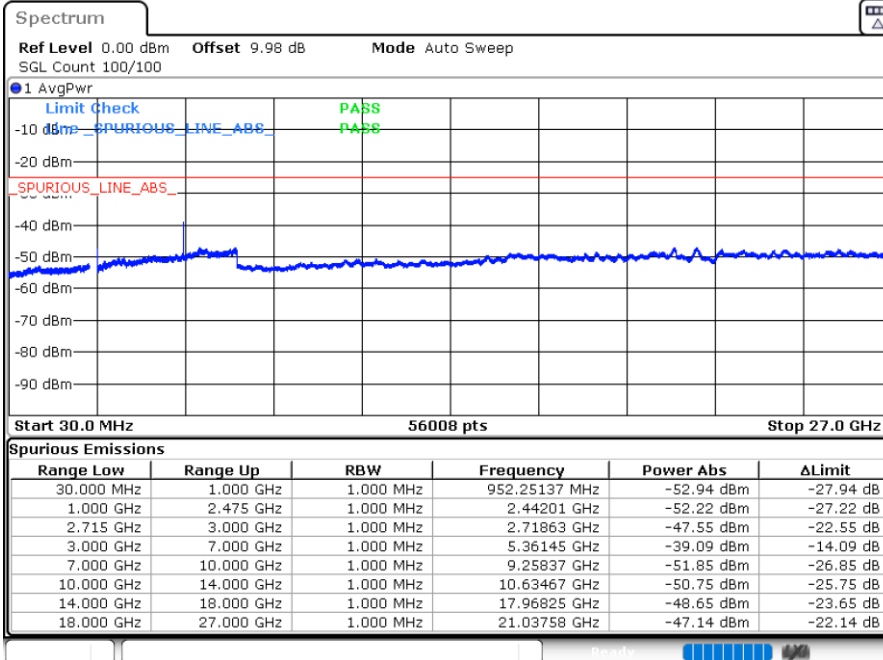
Middle Channel / QPSK



Date: 1.NOV.2023 14:49:16

Date: 1.NOV.2023 14:50:41

Highest Channel / QPSK



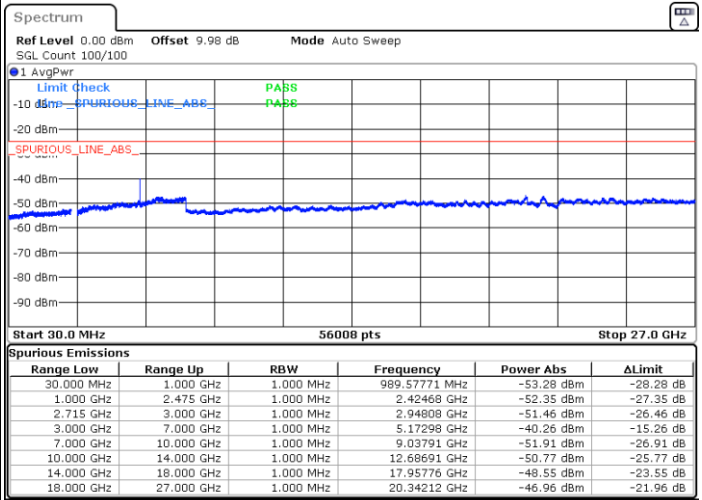
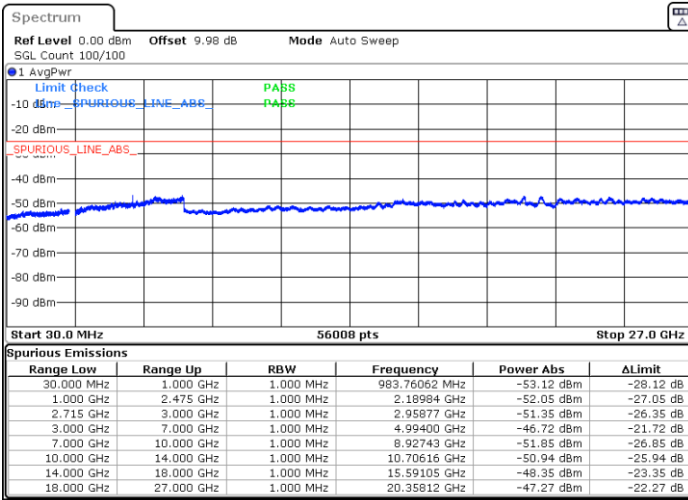
Date: 1.NOV.2023 14:52:06



LTE Band 41 / 15MHz

Lowest Channel / QPSK

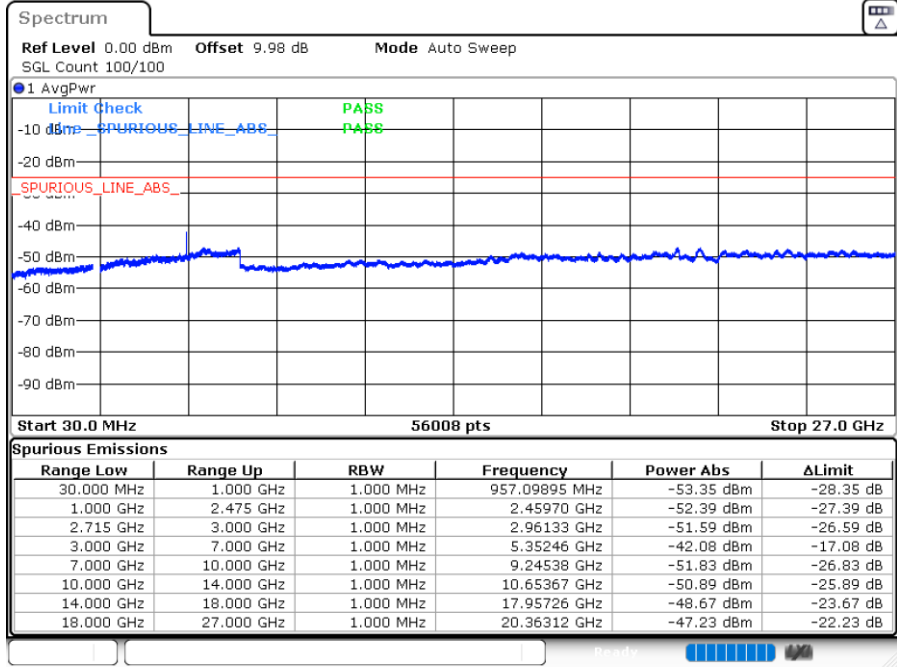
Middle Channel / QPSK



Date: 1.NOV.2023 14:53:32

Date: 1.NOV.2023 14:54:57

Highest Channel / QPSK



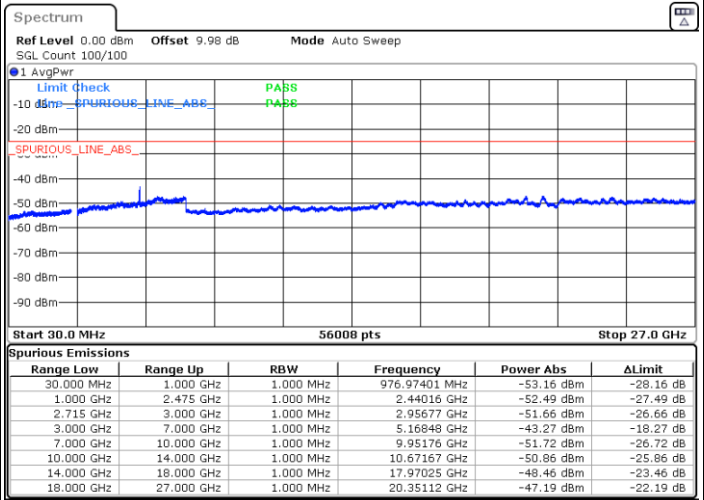
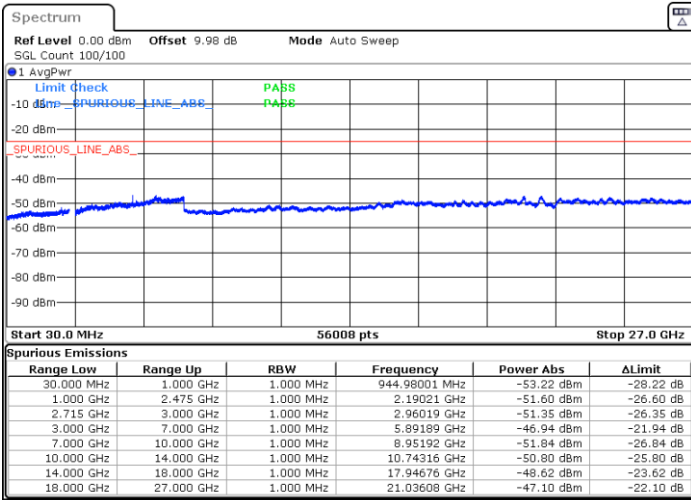
Date: 1.NOV.2023 14:56:22



LTE Band 41 / 20MHz

Lowest Channel / QPSK

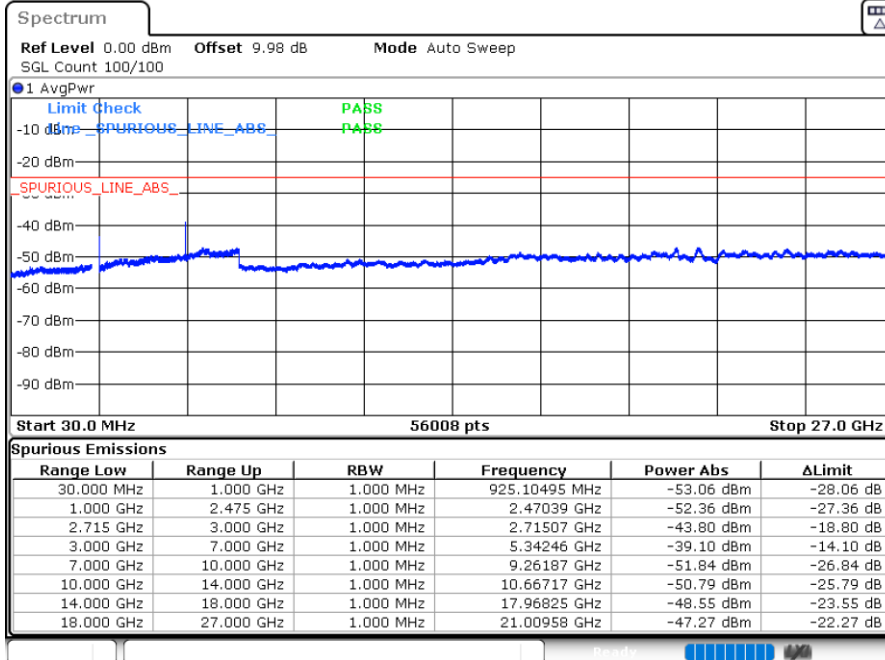
Middle Channel / QPSK



Date: 1.NOV.2023 14:57:47

Date: 1.NOV.2023 14:59:12

Highest Channel / QPSK



Date: 1.NOV.2023 15:00:37



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	0.0032	PASS
40	Normal Voltage	0.0017	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0022	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0016	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0019	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0013	
20	Battery End Point	0.0021	

Note:

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



LTE Band 41C

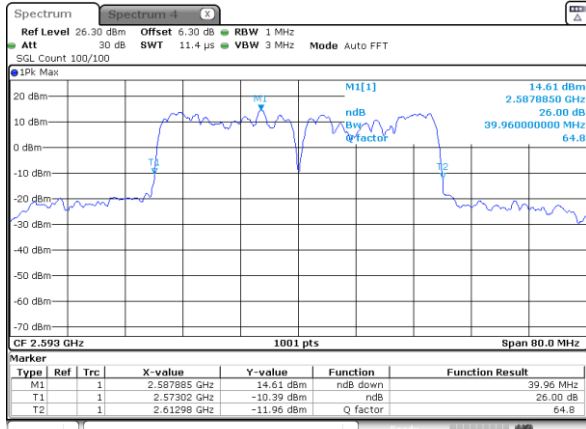
26dB Bandwidth

Mode	LTE Band 41-CA : 26dB BW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	39.96	39.88
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	34.97	34.76
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	30.15	30.03
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	24.93	24.93
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	34.83	34.83
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	30.63	30.63
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	25.13	24.98
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	29.91	29.85
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	24.98	24.93
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	24.63	24.78



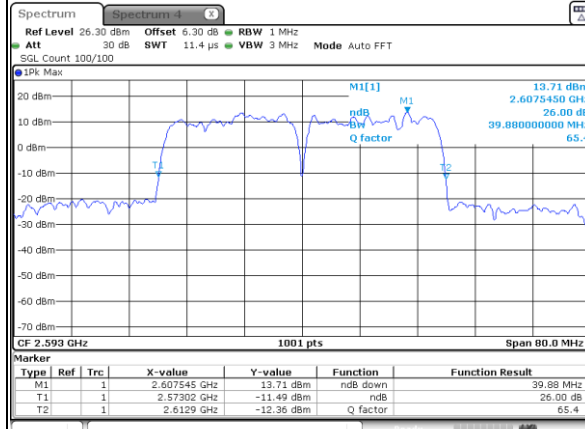
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



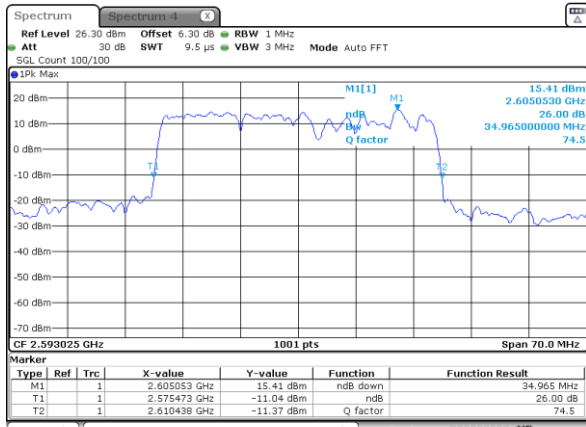
Date: 15_NOV_2023 08:20:15

Middle Channel / 20MHz+20MHz / 16QAM



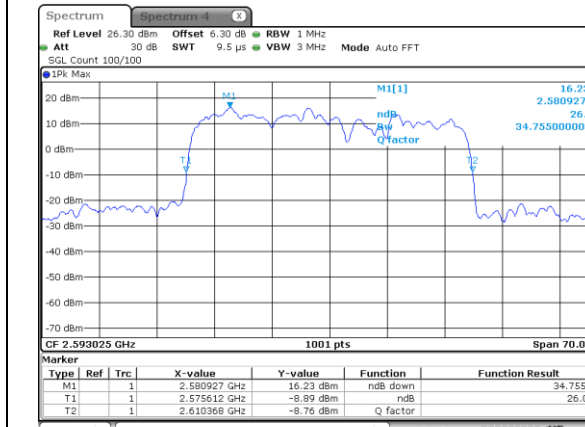
Date: 15_NOV_2023 08:23:28

Middle Channel / 20MHz+15MHz / QPSK



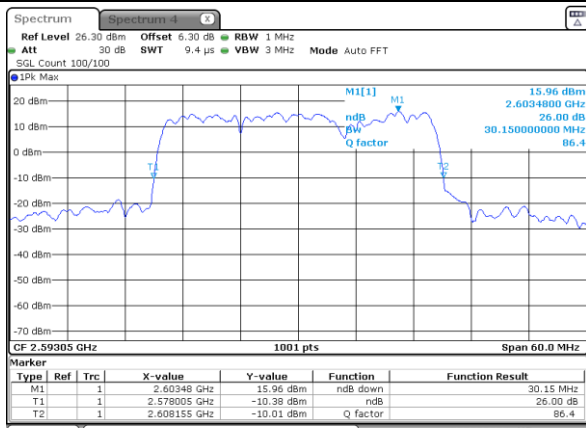
Date: 15_NOV_2023 08:17:56

Middle Channel / 20MHz+15MHz / 16QAM



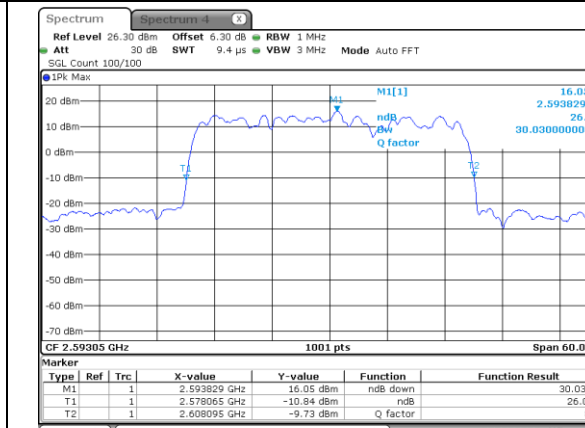
Date: 15_NOV_2023 08:18:59

Middle Channel / 20MHz+10MHz / QPSK



Date: 15_NOV_2023 08:15:42

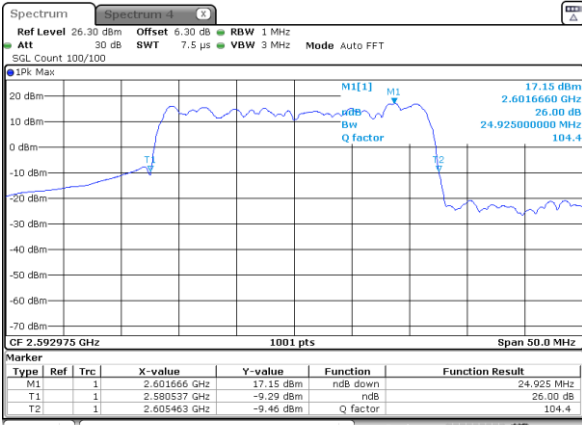
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15_NOV_2023 08:17:05

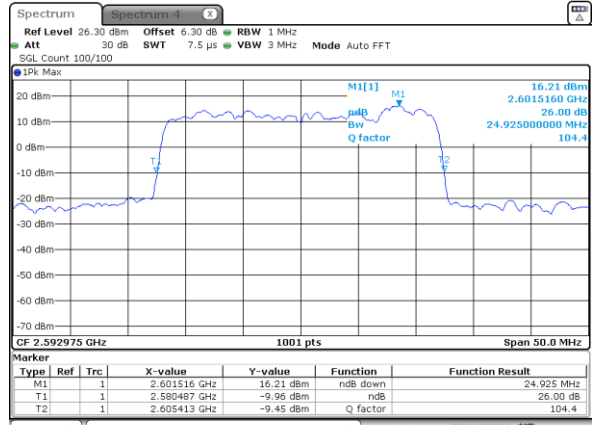


Middle Channel / 20MHz+5MHz / QPSK



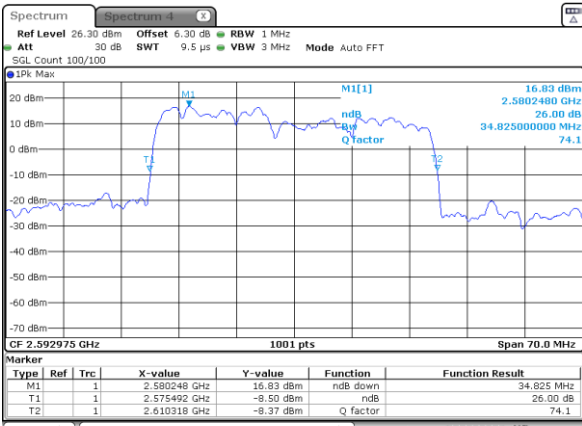
Date: 15.NOV.2023 08:13:49

Middle Channel / 20MHz+5MHz / 16QAM



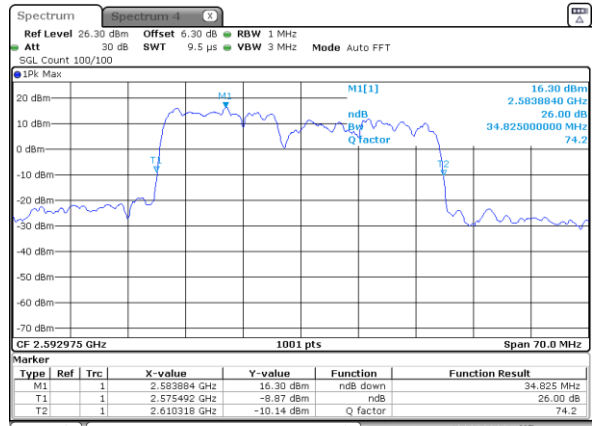
Date: 15.NOV.2023 08:15:11

Middle Channel / 15MHz+20MHz / QPSK



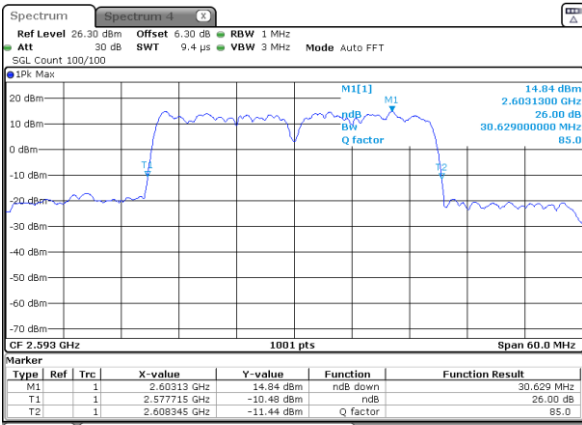
Date: 15.NOV.2023 08:11:25

Middle Channel / 15MHz+20MHz / 16QAM



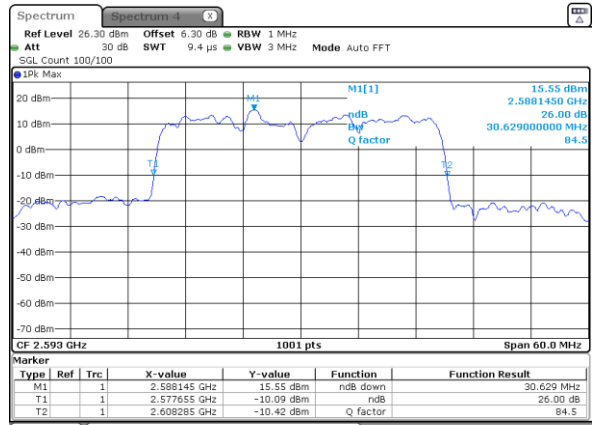
Date: 15.NOV.2023 08:12:47

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.NOV.2023 08:25:25

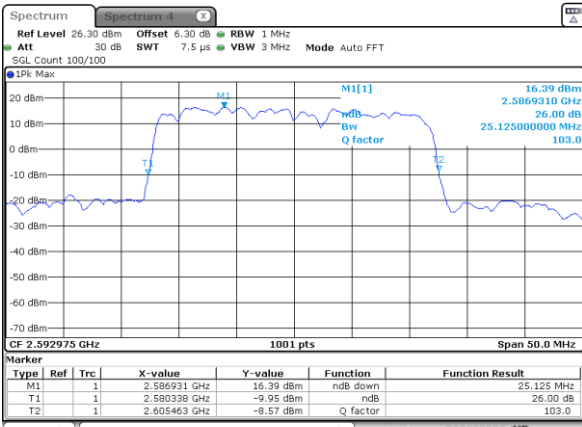
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.NOV.2023 08:26:48

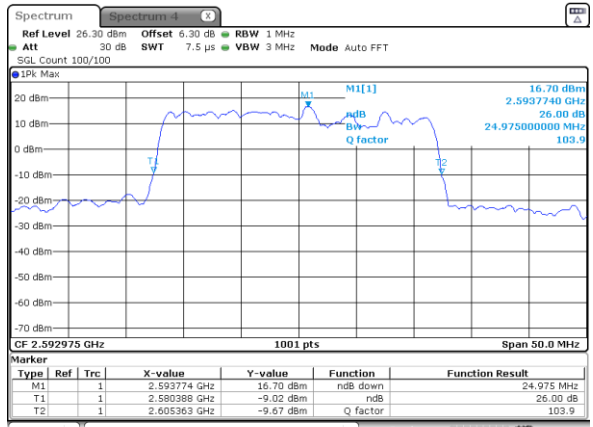


Middle Channel / 15MHz+10MHz / QPSK



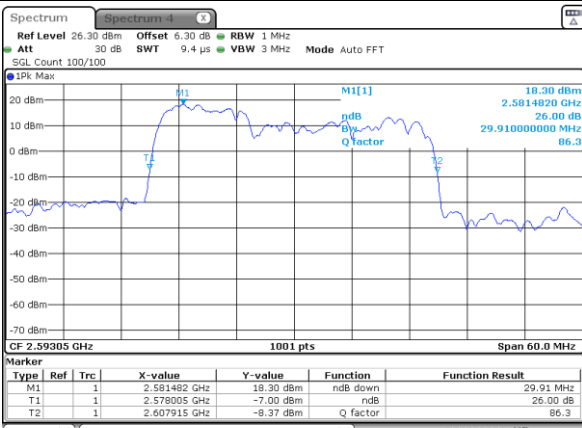
Date: 15.NOV.2023 08:07:37

Middle Channel / 15MHz+10MHz / 16QAM



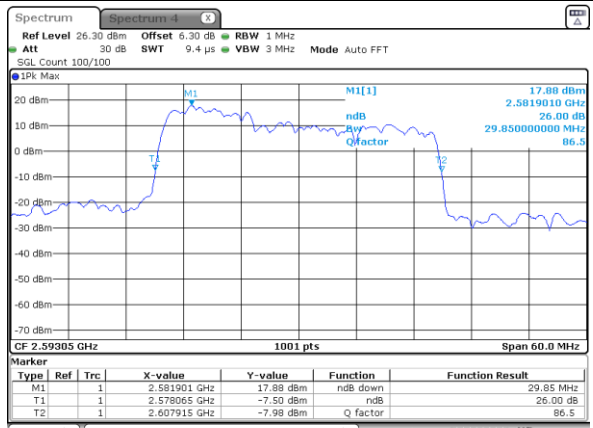
Date: 15.NOV.2023 08:08:59

Middle Channel / 10MHz+20MHz / QPSK



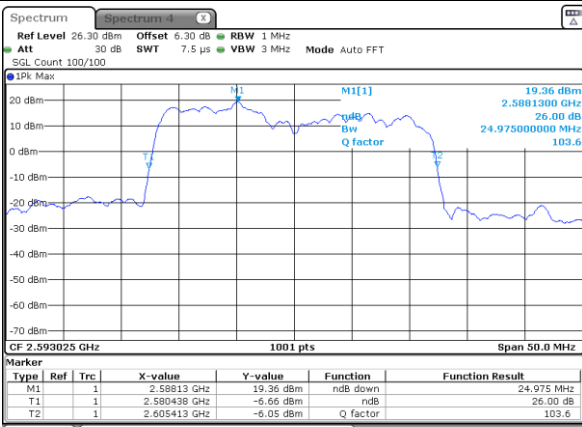
Date: 15.NOV.2023 08:05:03

Middle Channel / 10MHz+20MHz / 16QAM



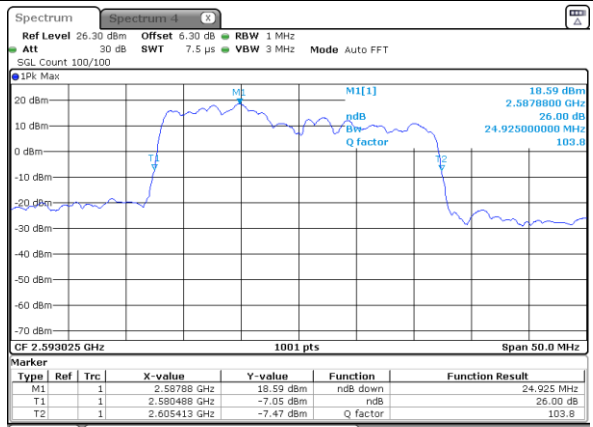
Date: 15.NOV.2023 08:06:25

Middle Channel / 10MHz+15MHz / QPSK

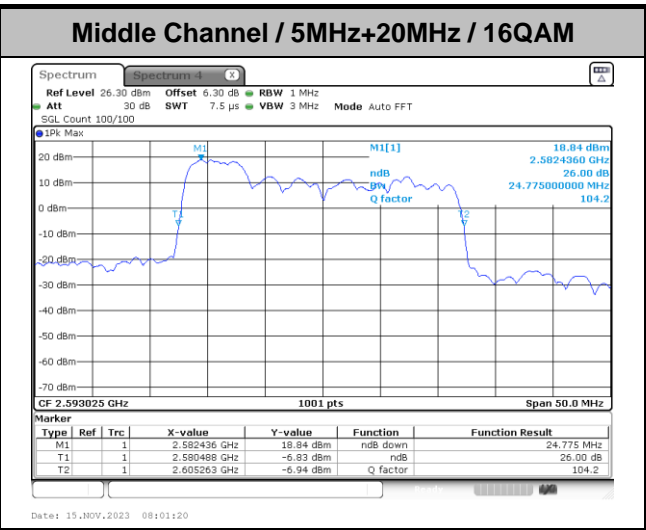
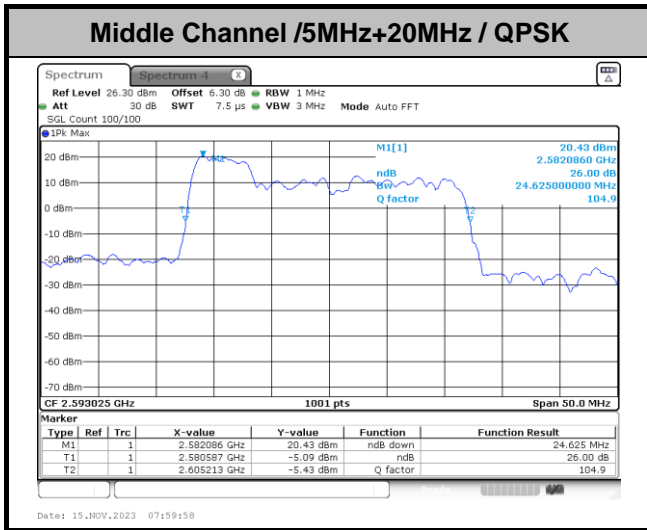


Date: 15.NOV.2023 08:03:09

Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.NOV.2023 08:12:20





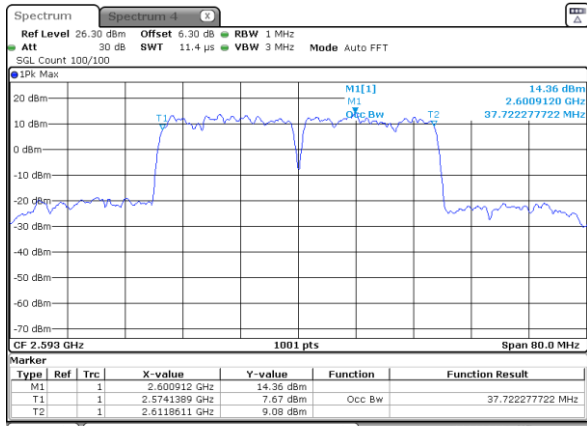
Occupied Bandwidth

Mode	LTE Band 41-CA : 99%OBW(MHz)	
BW	20MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	37.72	37.72
BW	20MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	32.94	32.59
BW	20MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	28.05	28.17
BW	20MHz+5MHz	
Mod.	QPSK	16QAM
Middle CH	23.48	23.18
BW	15MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	33.01	33.08
BW	15MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	28.95	28.83
BW	15MHz+10MHz	
Mod.	QPSK	16QAM
Middle CH	23.58	23.48
BW	10MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	28.11	27.75
BW	10MHz+15MHz	
Mod.	QPSK	16QAM
Middle CH	23.23	23.23
BW	5MHz+20MHz	
Mod.	QPSK	16QAM
Middle CH	23.08	22.83



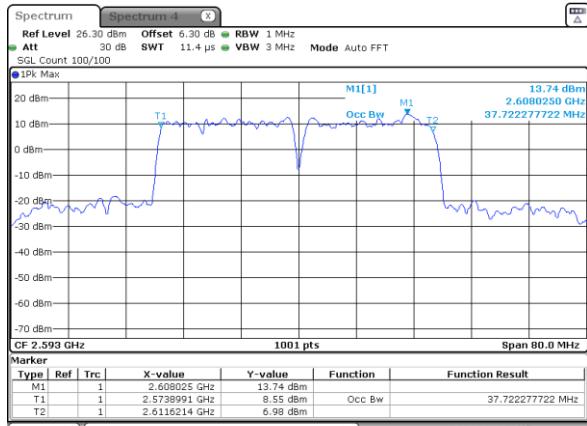
LTE Band 41

Middle Channel / 20MHz+20MHz / QPSK



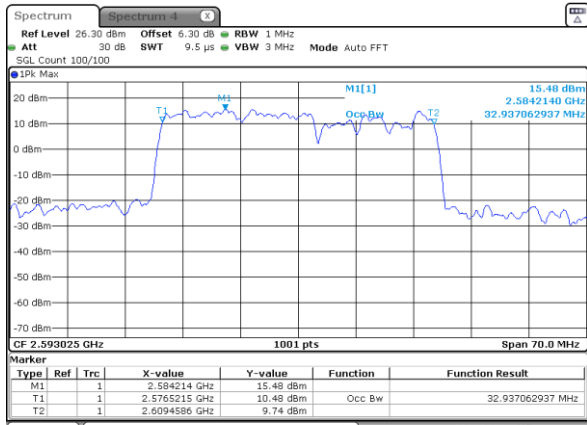
Date: 15.NOV.2023 08:20:54

Middle Channel / 20MHz+20MHz / 16QAM



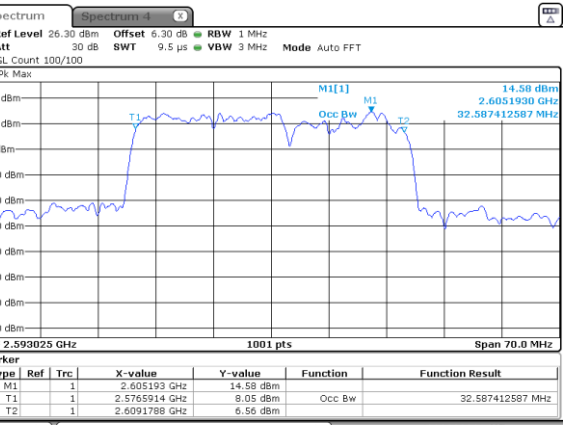
Date: 15.NOV.2023 08:21:22

Middle Channel / 20MHz+15MHz / QPSK



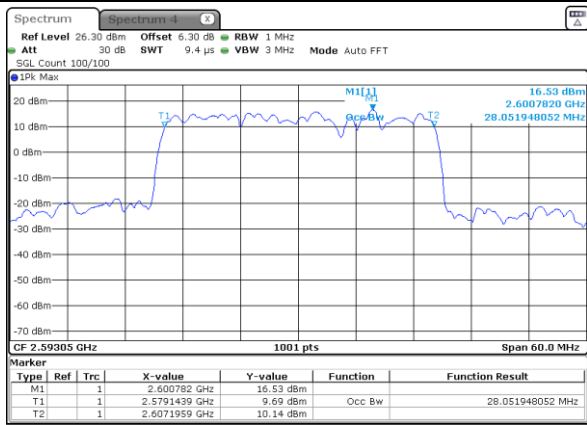
Date: 15.NOV.2023 08:18:04

Middle Channel / 20MHz+15MHz / 16QAM



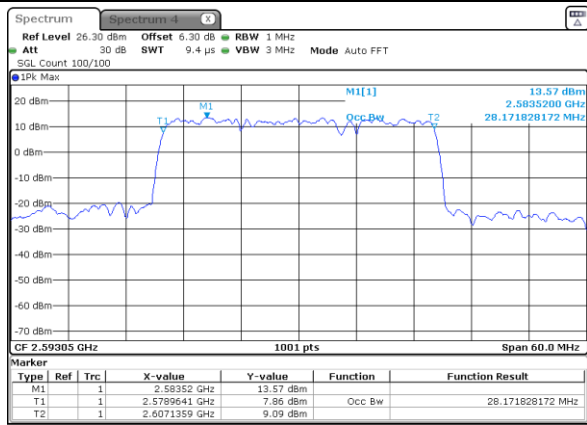
Date: 15.NOV.2023 08:18:32

Middle Channel / 20MHz+10MHz / QPSK



Date: 15.NOV.2023 08:16:10

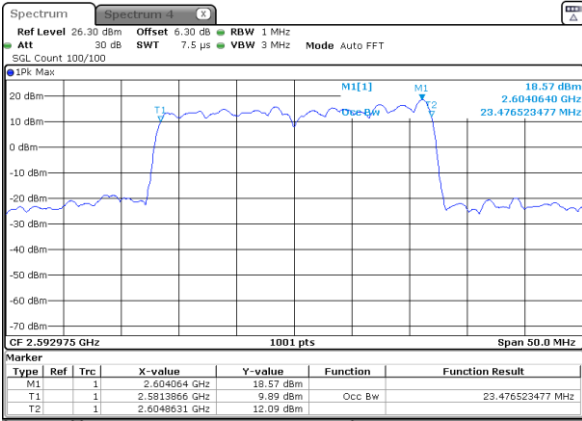
Middle Channel / 20MHz+10MHz / 16QAM



Date: 15.NOV.2023 08:16:38

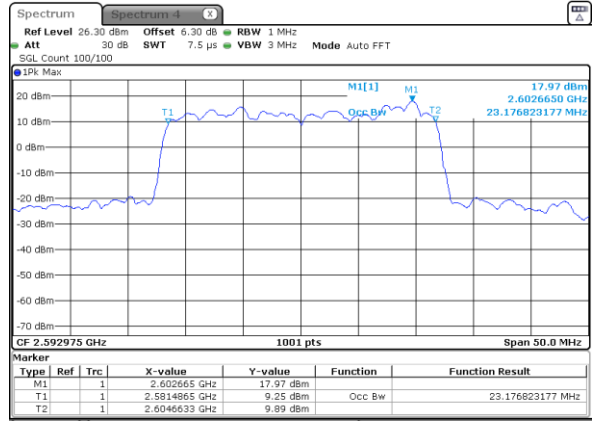


Middle Channel / 20MHz+5MHz / QPSK



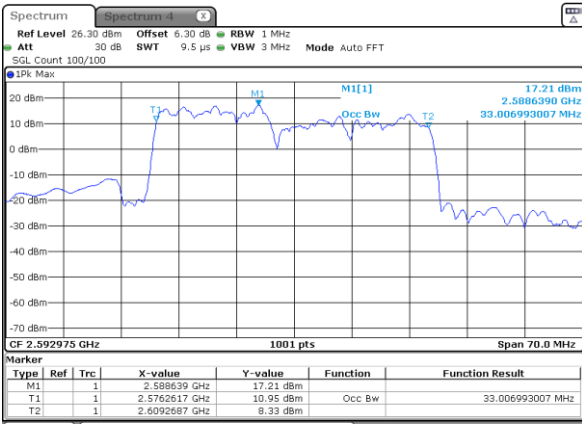
Date: 15.NOV.2023 08:14:16

Middle Channel / 20MHz+5MHz / 16QAM



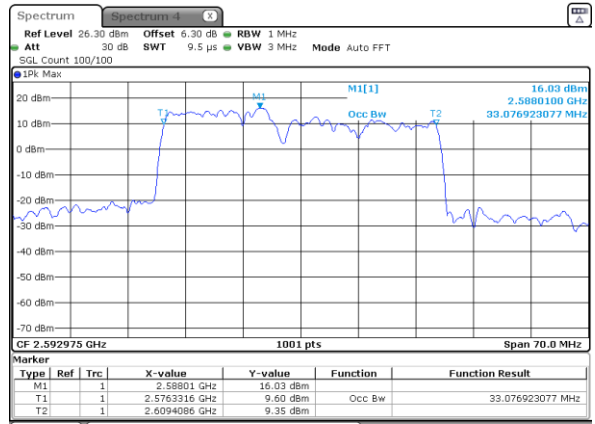
Date: 15.NOV.2023 08:14:44

Middle Channel / 15MHz+20MHz / QPSK



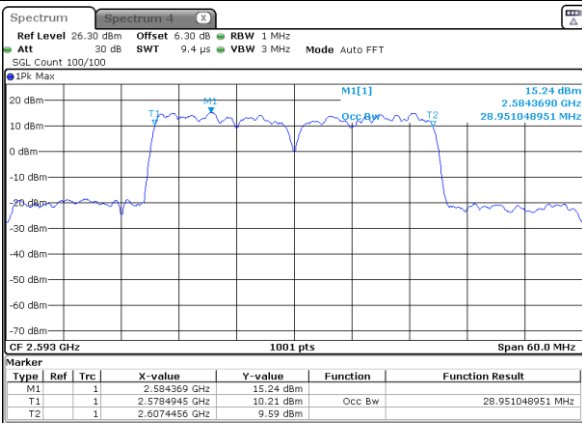
Date: 15.NOV.2023 08:11:53

Middle Channel / 15MHz+20MHz / 16QAM



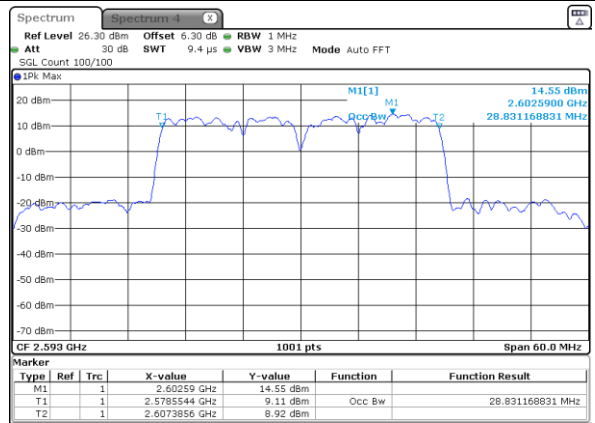
Date: 15.NOV.2023 08:12:20

Middle Channel / 15MHz+15MHz / QPSK



Date: 15.NOV.2023 08:25:53

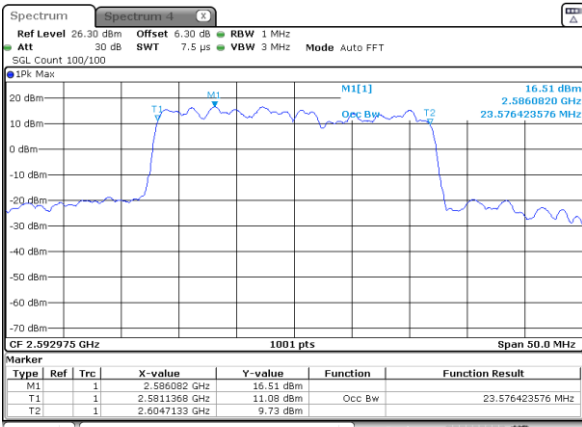
Middle Channel / 15MHz+15MHz / 16QAM



Date: 15.NOV.2023 08:26:21

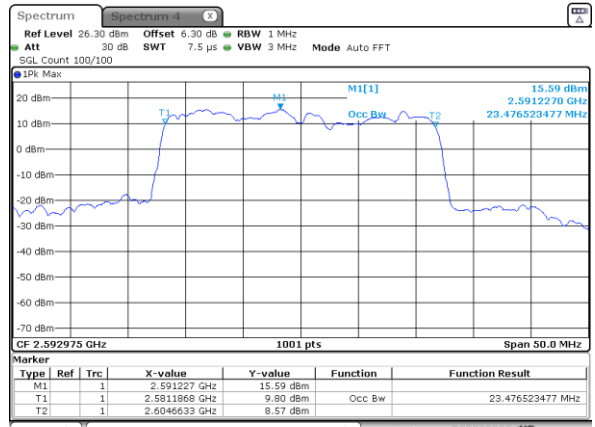


Middle Channel / 15MHz+10MHz / QPSK



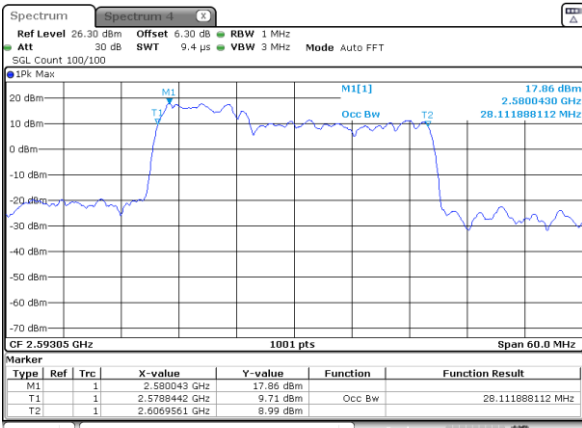
Date: 15.NOV.2023 08:08:05

Middle Channel / 15MHz+10MHz / 16QAM



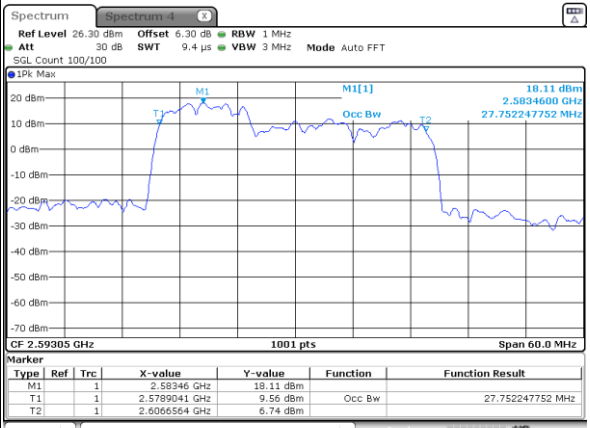
Date: 15.NOV.2023 08:08:32

Middle Channel / 10MHz+20MHz / QPSK



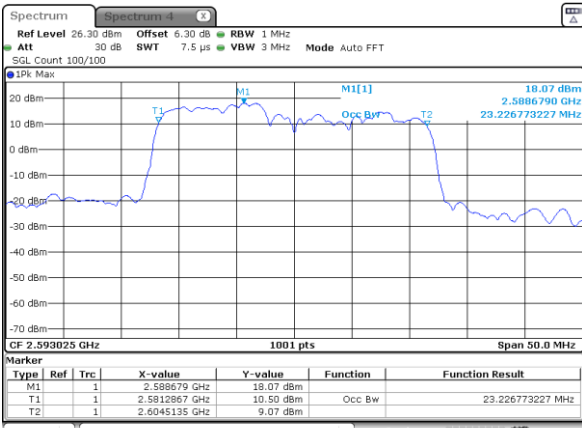
Date: 15.NOV.2023 08:05:31

Middle Channel / 10MHz+20MHz / 16QAM



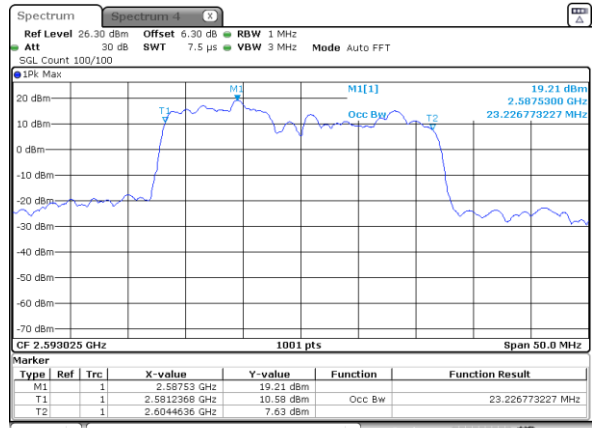
Date: 15.NOV.2023 08:05:58

Middle Channel / 10MHz+15MHz / QPSK

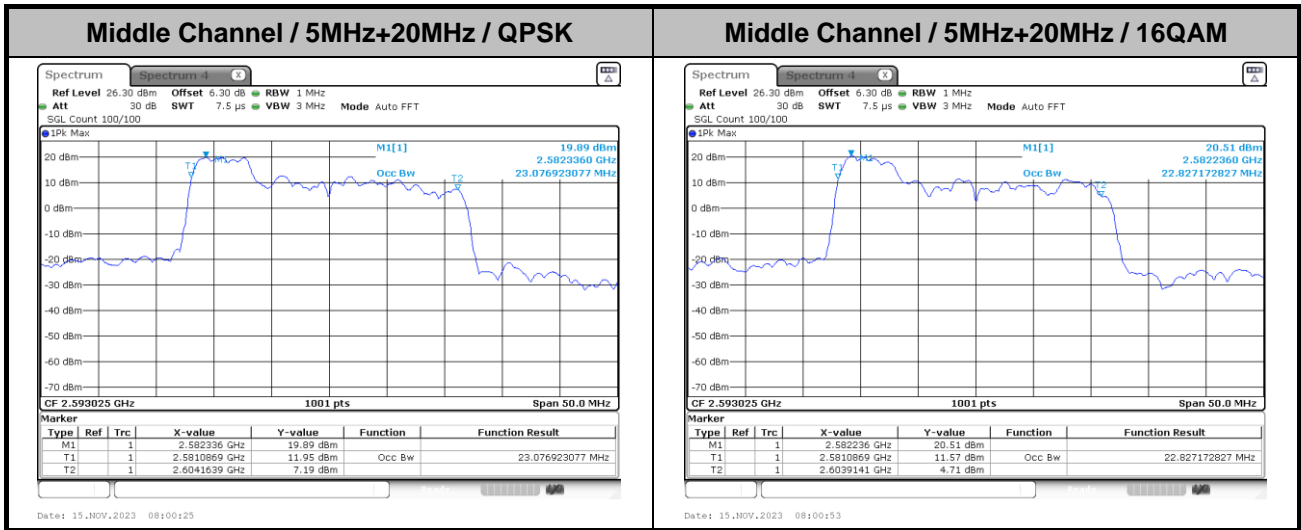


Date: 15.NOV.2023 08:03:37

Middle Channel / 10MHz+15MHz / 16QAM



Date: 15.NOV.2023 08:04:04



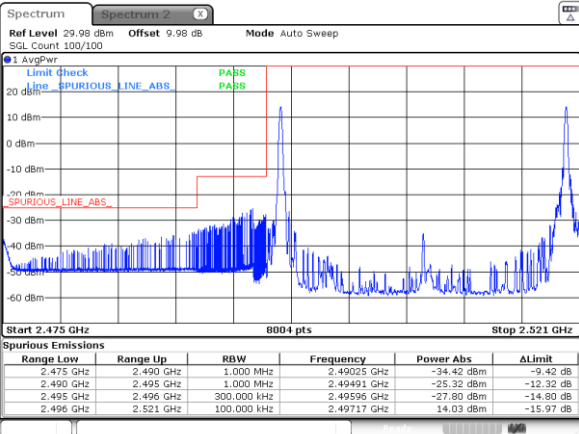


Conducted Band Edge

LTE Band 41C / 5MHz+20MHz

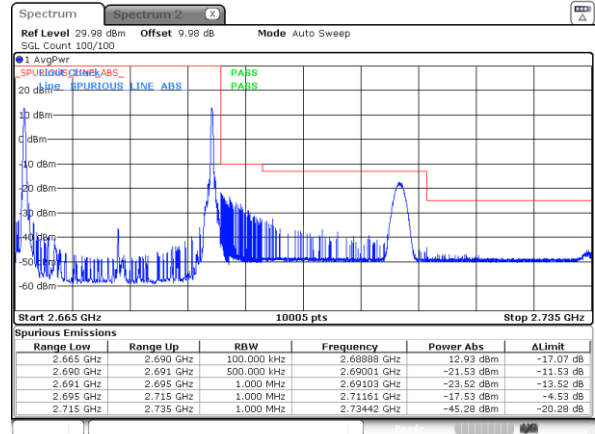
QPSK

Lowest Band Edge / 1RB0 and 1RB99



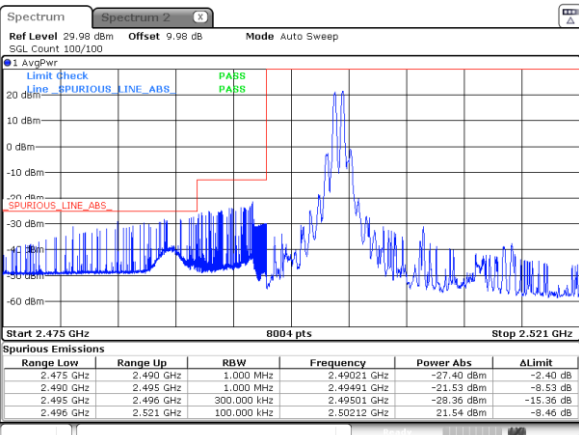
Date: 18.OCT.2023 18:07:02

Highest Band Edge / 1RB0 and 1RB99



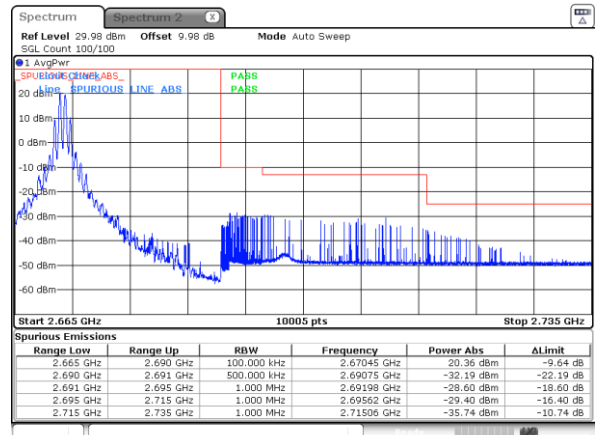
Date: 18.OCT.2023 19:56:24

Lowest Band Edge / 1RB24 and 1RB0



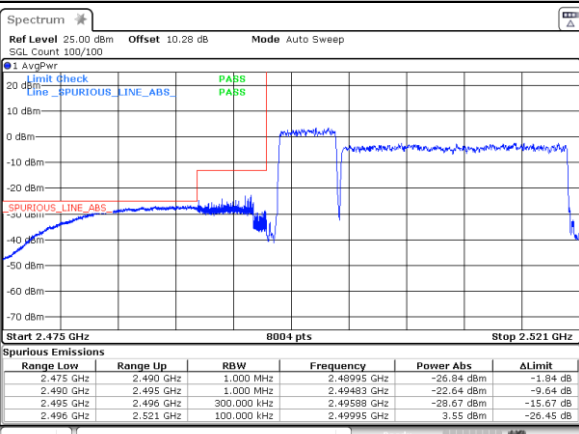
Date: 18.OCT.2023 19:39:09

Highest Band Edge / 1RB24 and 1RB0



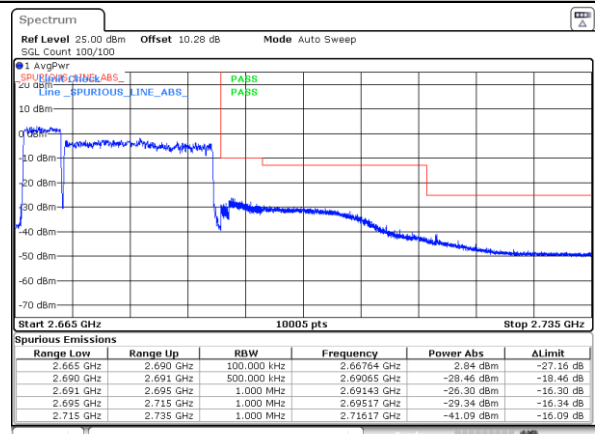
Date: 18.OCT.2023 19:56:01

Lowest Band Edge / Full RB



Date: 10.NOV.2023 08:08:02

Highest Band Edge / Full RB



Date: 10.NOV.2023 08:15:53

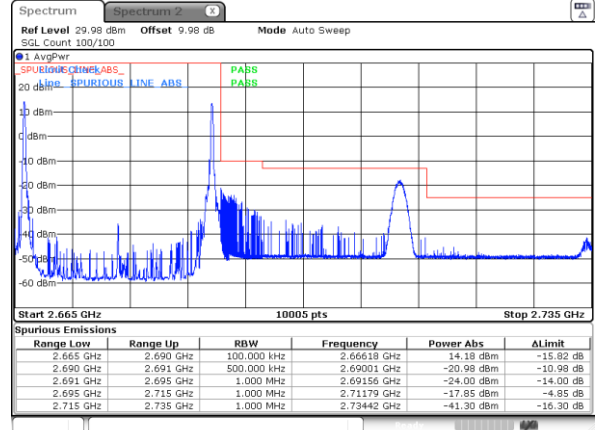
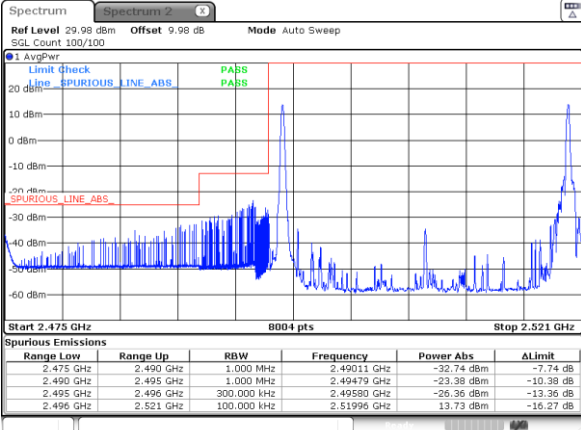


LTE Band 41C / 5MHz+20MHz

16QAM

Lowest Band Edge / 1RB0 and 1RB99

Highest Band Edge / 1RB0 and 1RB99

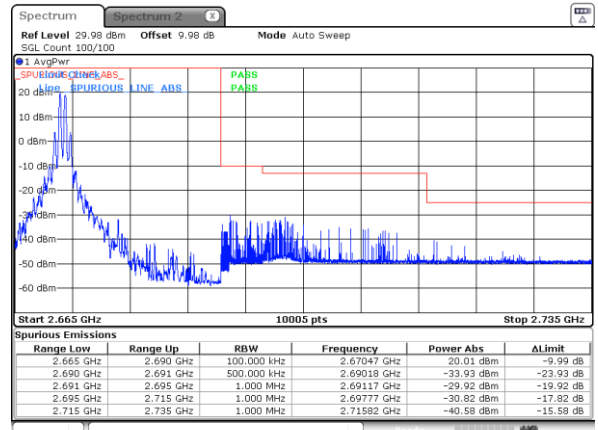
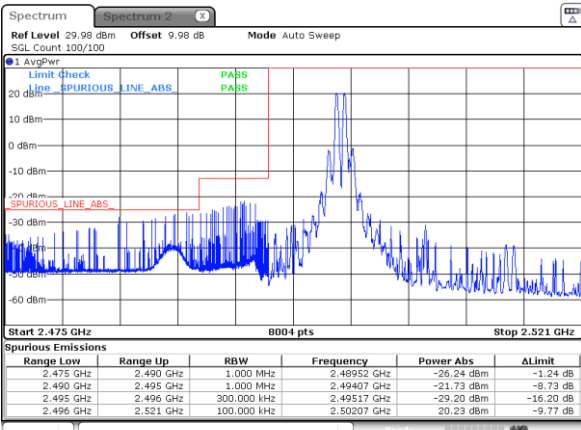


Date: 18.OCT.2023 19:40:41

Date: 18.OCT.2023 19:57:17

Lowest Band Edge / 1RB24 and 1RB0

Highest Band Edge / 1RB24 and 1RB0

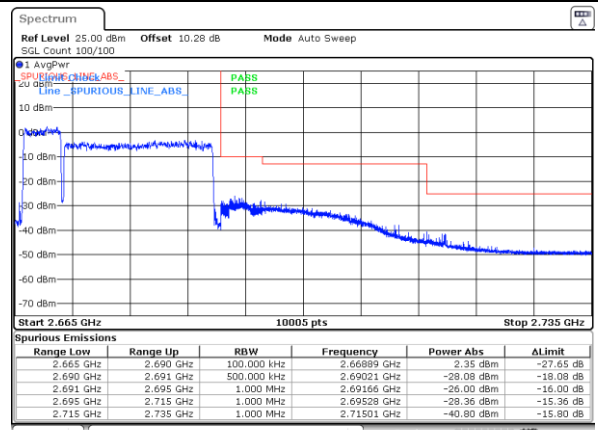
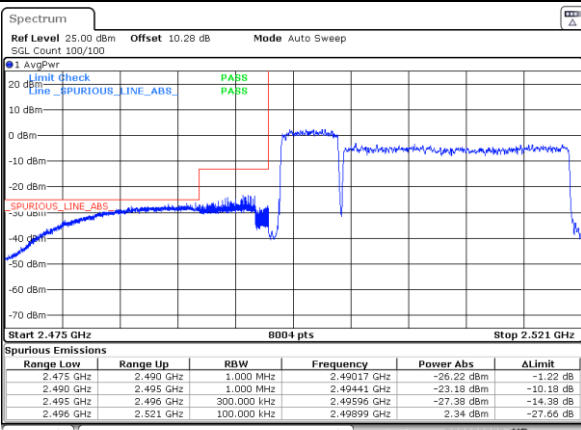


Date: 18.OCT.2023 18:04:23

Date: 18.OCT.2023 19:53:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 10.NOV.2023 08:08:40

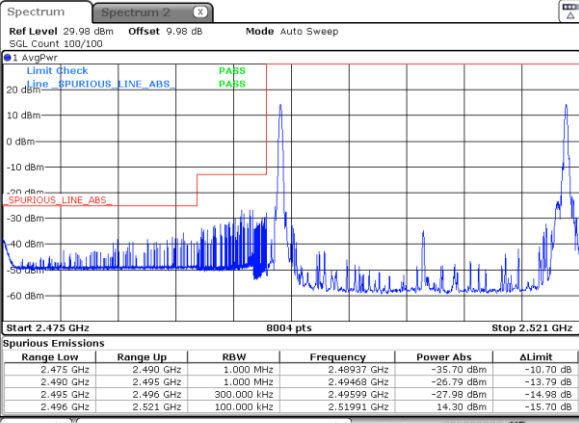
Date: 10.NOV.2023 08:16:29



LTE Band 41C / 5MHz+20MHz

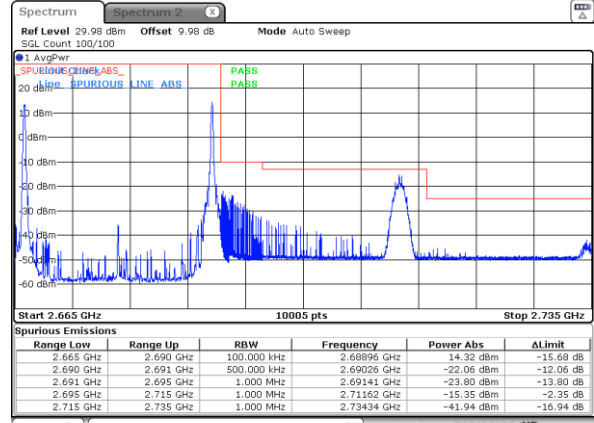
64QAM

Lowest Band Edge / 1RB0 and 1RB99



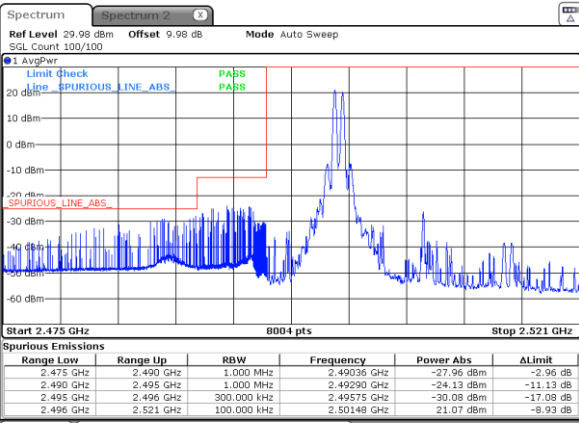
Date: 18.OCT.2023 19:41:35

Highest Band Edge / 1RB0 and 1RB99



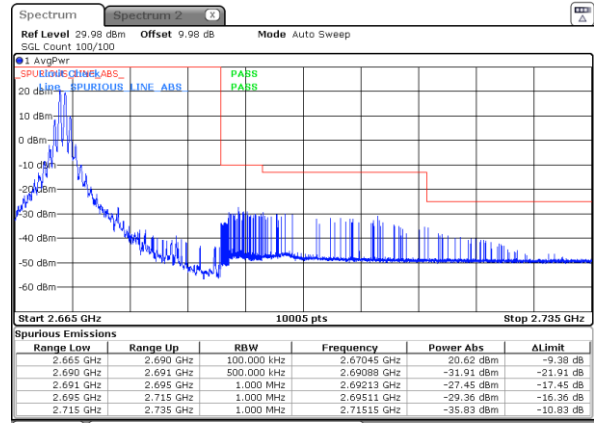
Date: 18.OCT.2023 19:58:10

Lowest Band Edge / 1RB24 and 1RB0



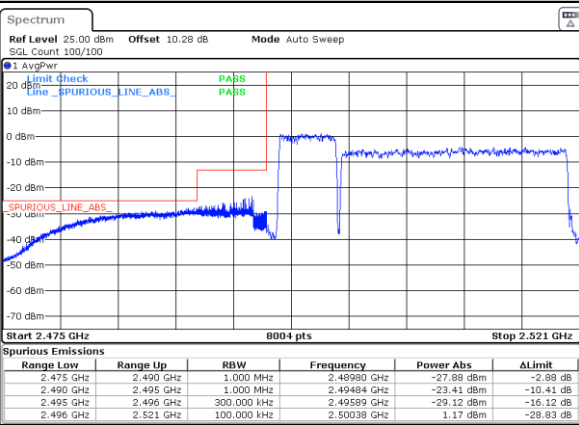
Date: 18.OCT.2023 18:05:16

Highest Band Edge / 1RB24 and 1RB0



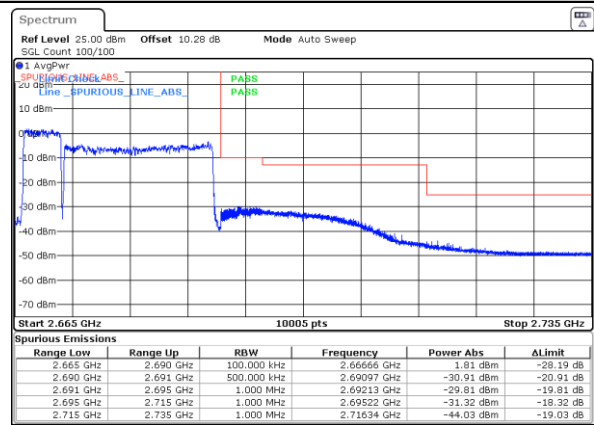
Date: 18.OCT.2023 19:54:38

Lowest Band Edge / Full RB



Date: 10.NOV.2023 08:09:34

Highest Band Edge / Full RB



Date: 10.NOV.2023 08:17:08