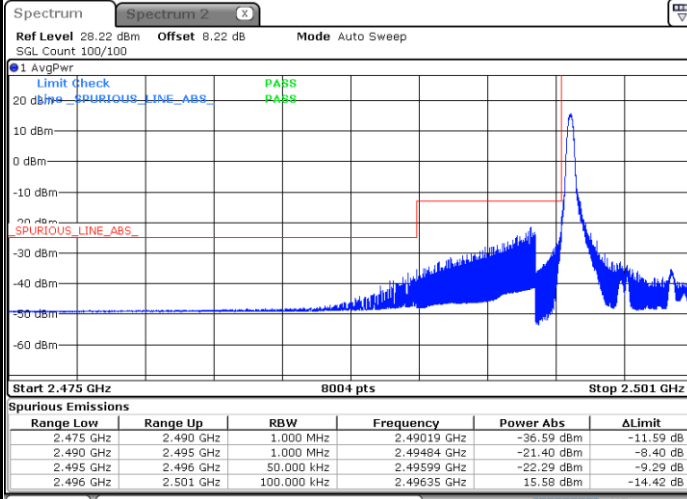




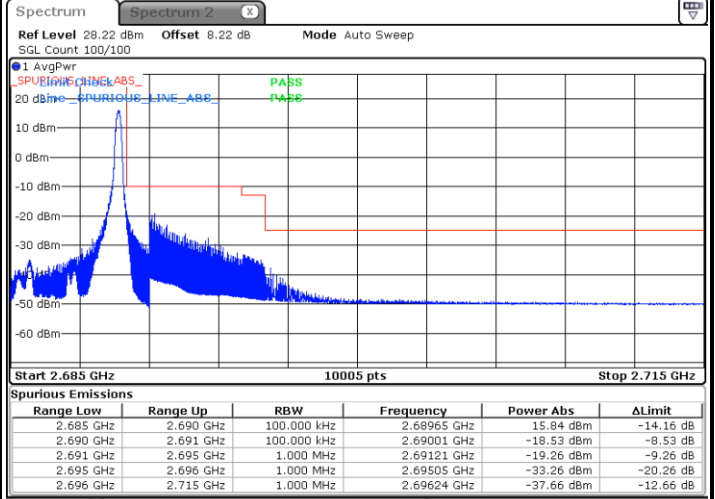
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



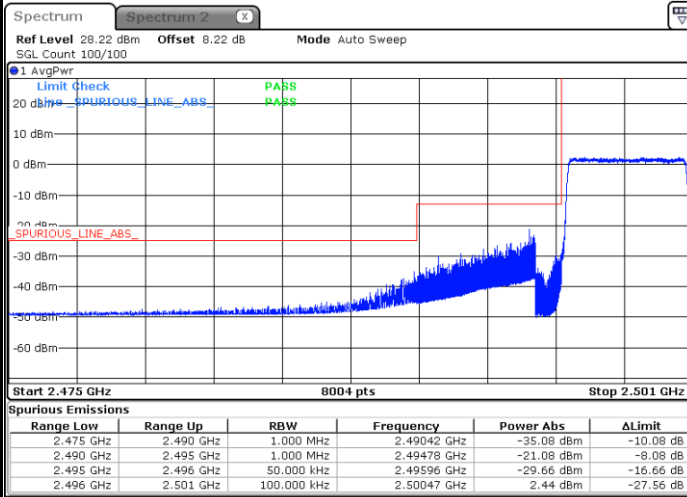
Date: 20.JUL.2024 00:28:51

Highest Band Edge / 1 RB



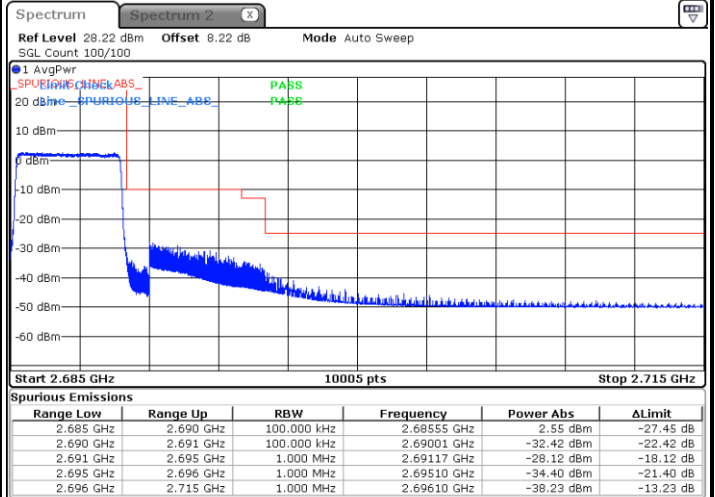
Date: 20.JUL.2024 00:45:12

Lowest Band Edge / Full RB



Date: 20.JUL.2024 00:32:36

Highest Band Edge / Full RB

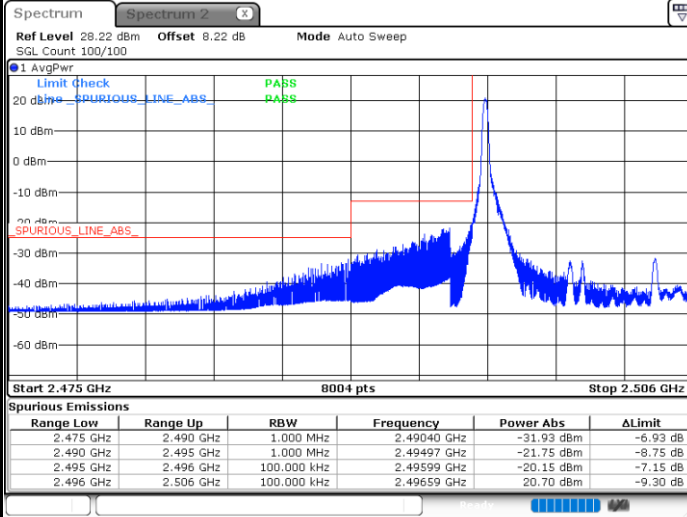


Date: 20.JUL.2024 00:50:15



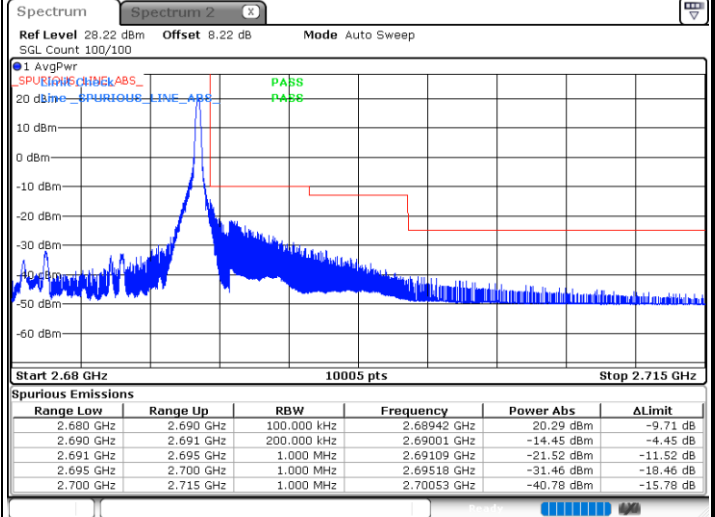
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



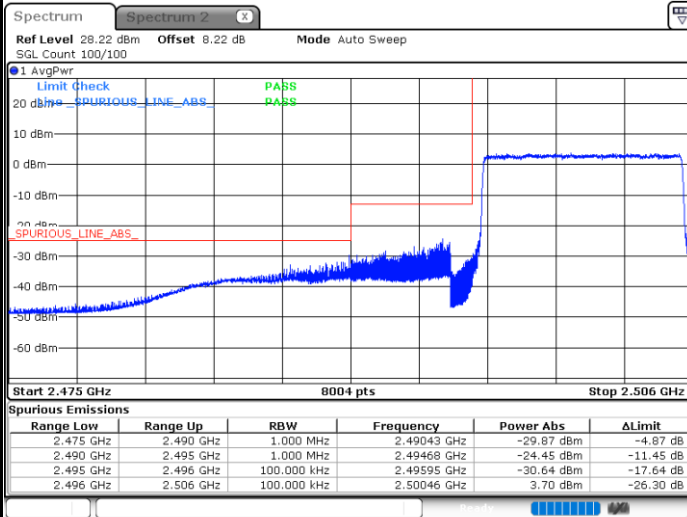
Date: 20.JUL.2024 01:13:25

Highest Band Edge / 1 RB



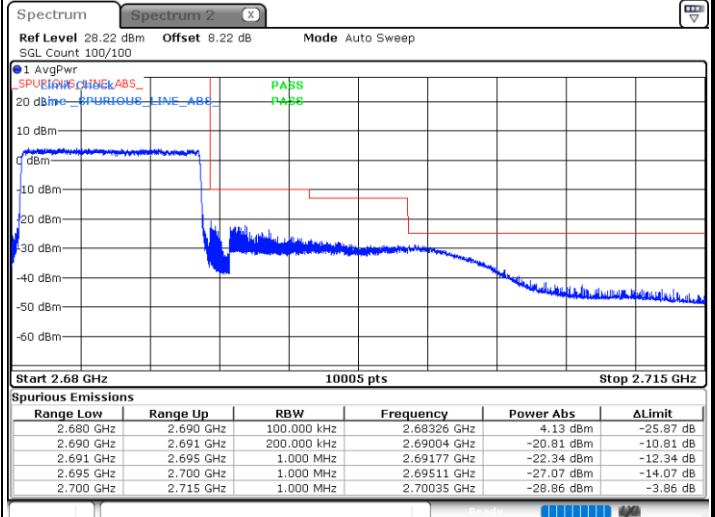
Date: 20.JUL.2024 01:26:43

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:18:36

Highest Band Edge / Full RB

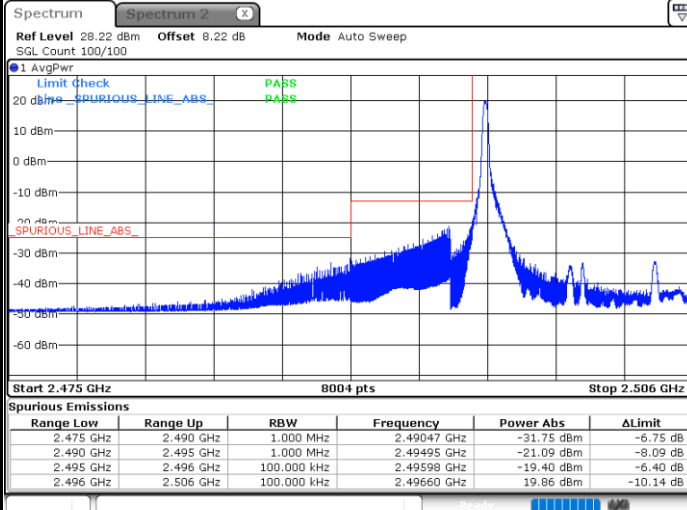


Date: 20.JUL.2024 01:31:53



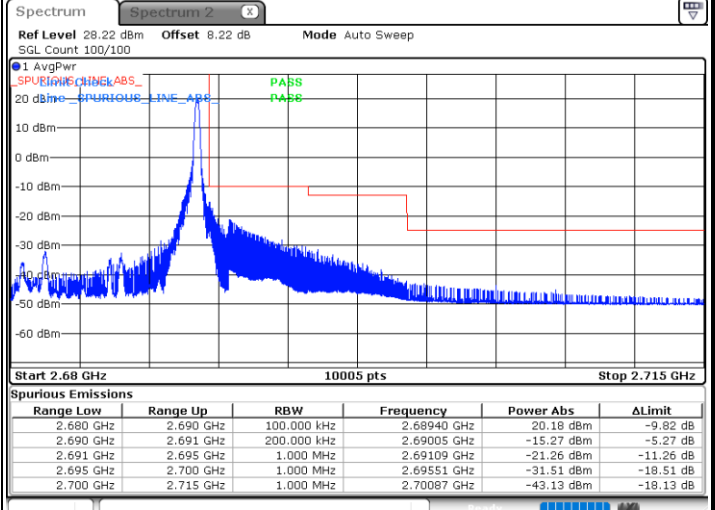
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



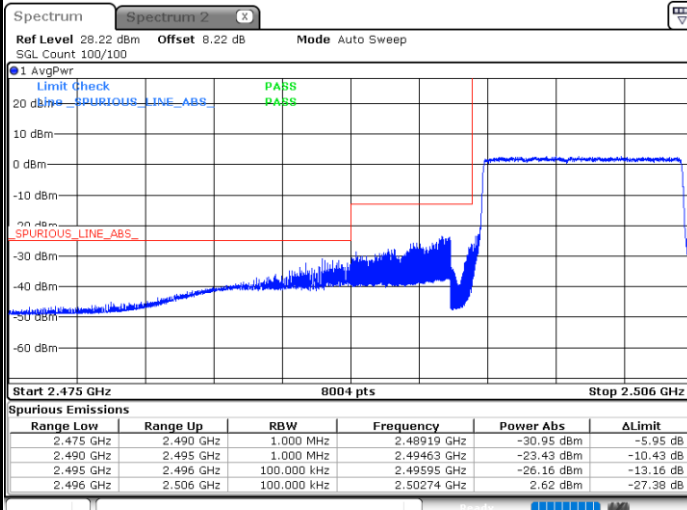
Date: 20.JUL.2024 01:14:48

Highest Band Edge / 1 RB



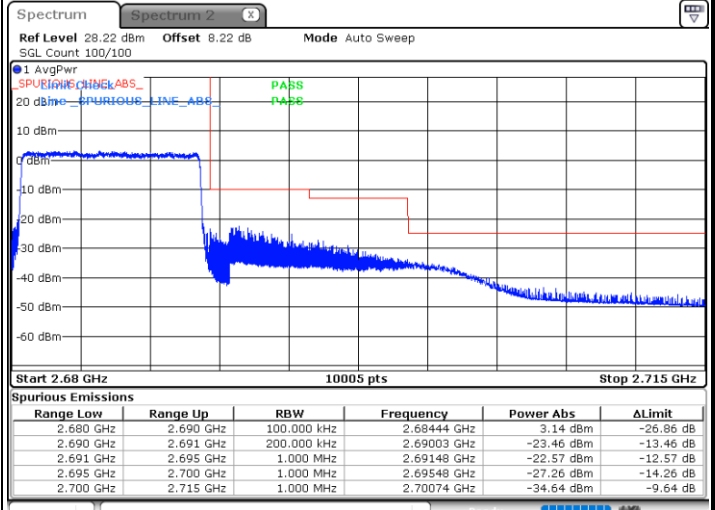
Date: 20.JUL.2024 01:28:06

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:19:52

Highest Band Edge / Full RB

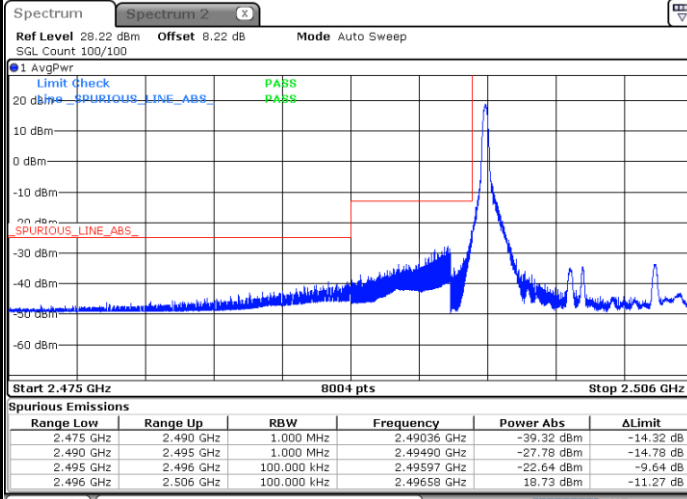


Date: 20.JUL.2024 01:33:09



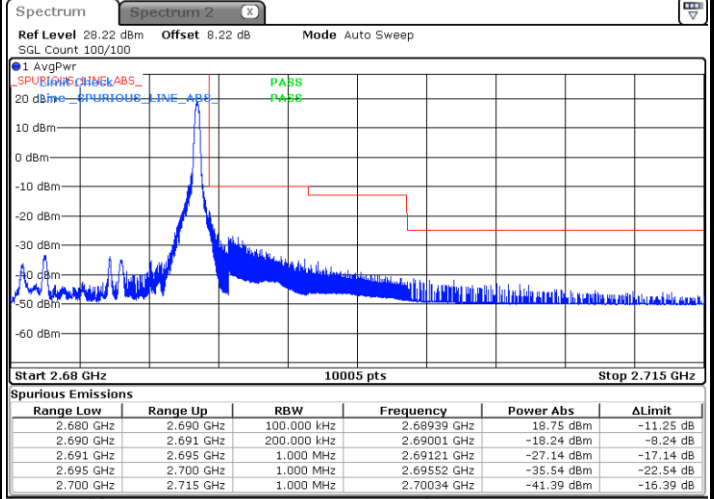
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



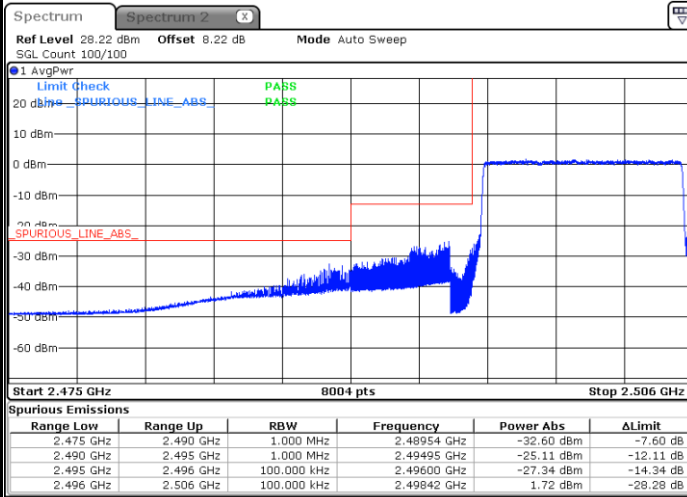
Date: 20.JUL.2024 01:16:04

Highest Band Edge / 1 RB



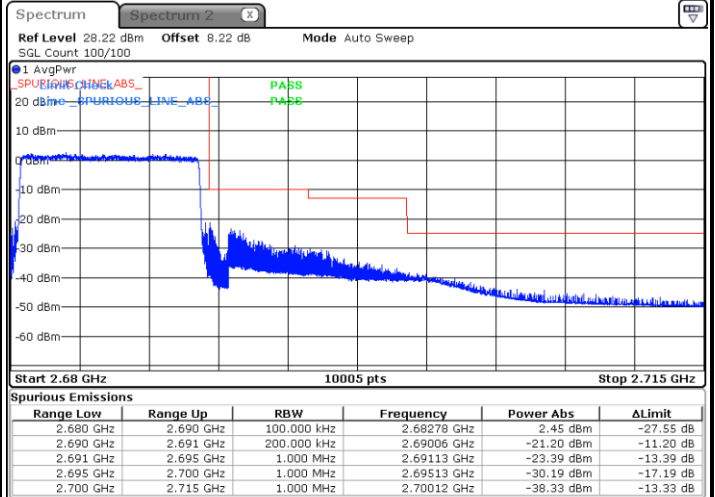
Date: 20.JUL.2024 01:29:22

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:21:08

Highest Band Edge / Full RB

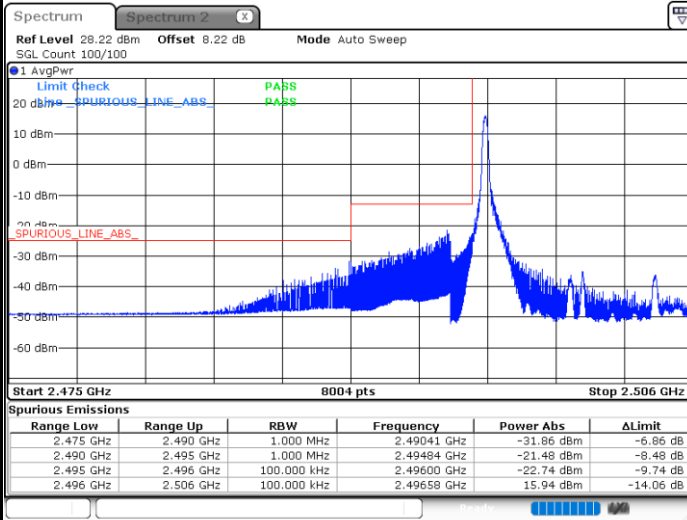


Date: 20.JUL.2024 01:34:25



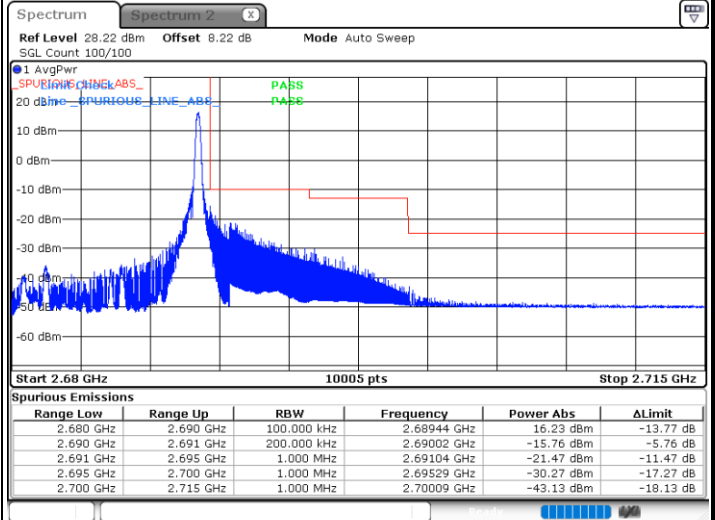
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1RB



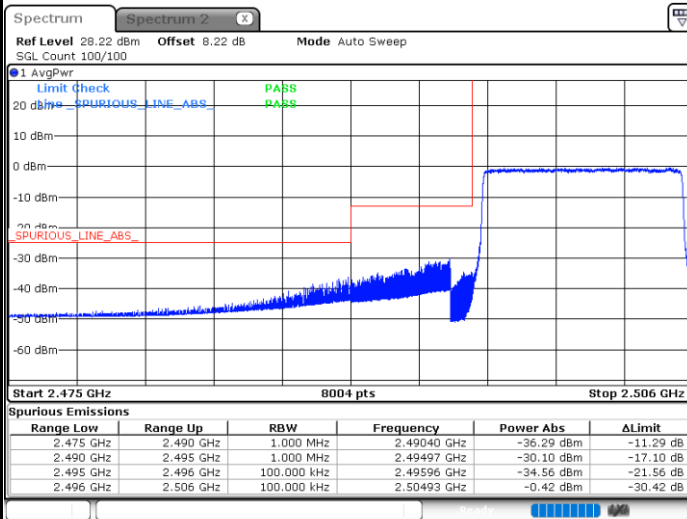
Date: 20.JUL.2024 01:17:20

Highest Band Edge / 1 RB



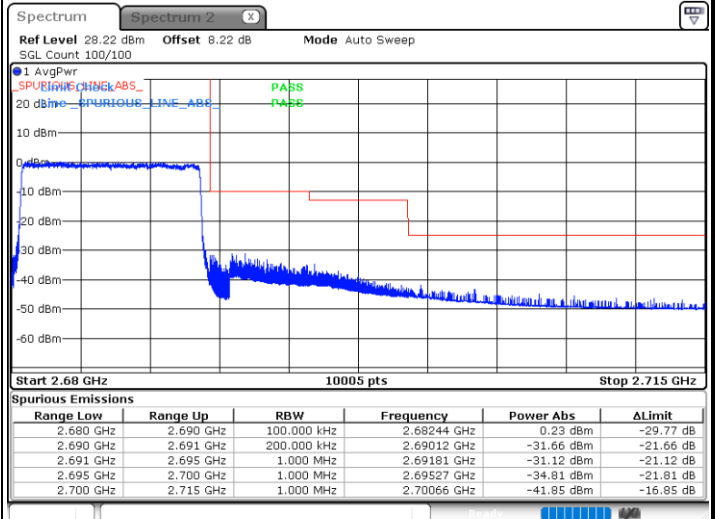
Date: 20.JUL.2024 01:30:37

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:22:24

Highest Band Edge / Full RB

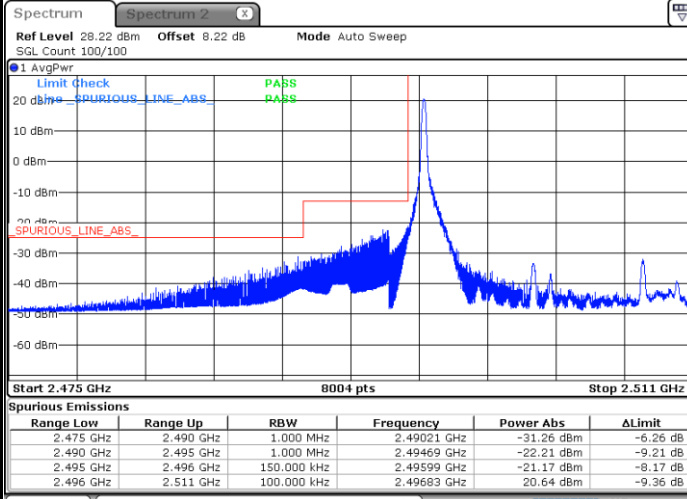


Date: 20.JUL.2024 01:35:41



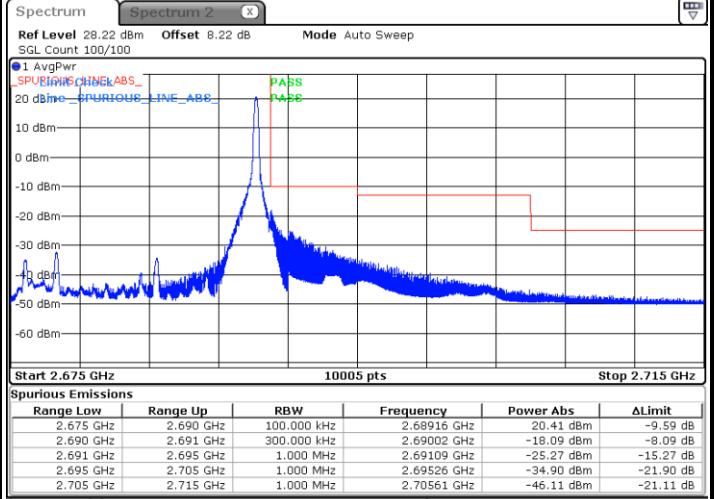
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



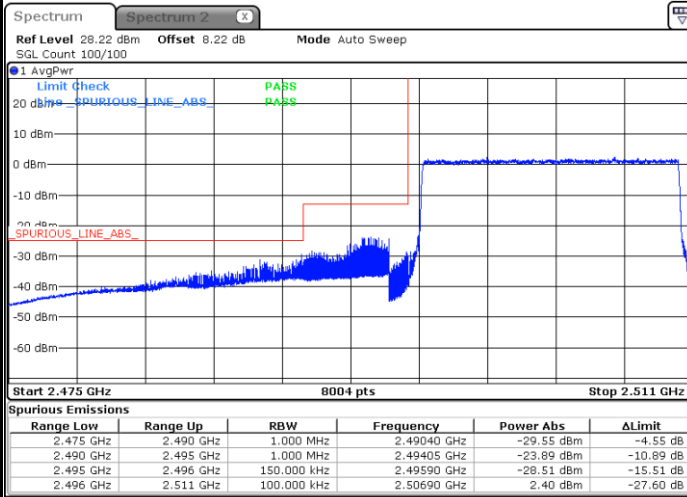
Date: 20.JUL.2024 01:52:49

Highest Band Edge / 1 RB



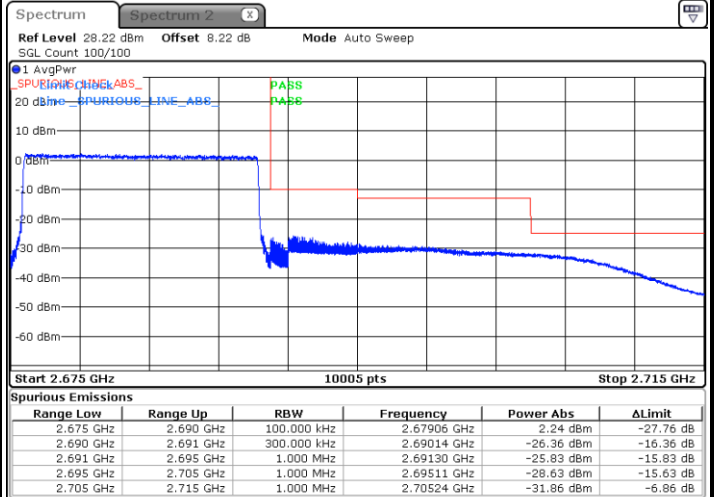
Date: 20.JUL.2024 02:06:03

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:57:56

Highest Band Edge / Full RB

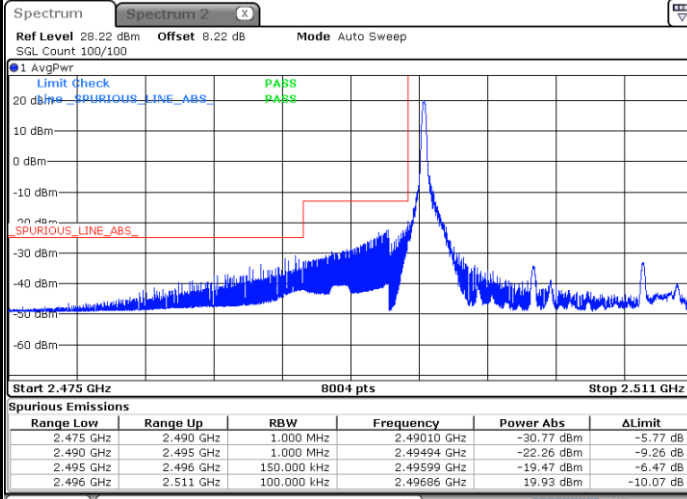


Date: 20.JUL.2024 02:11:11



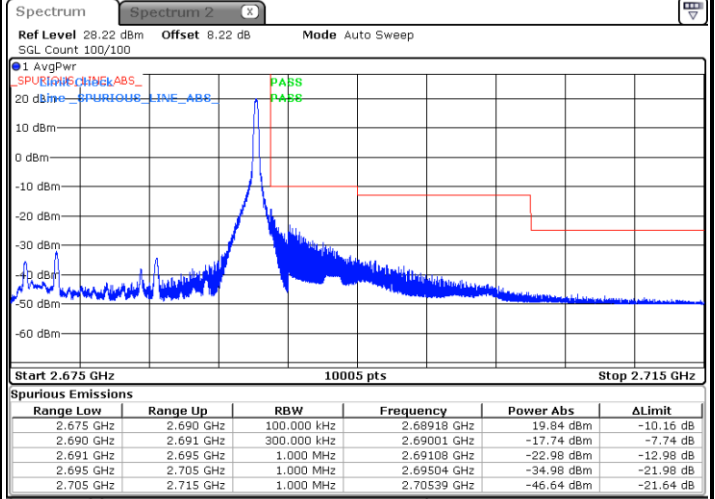
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



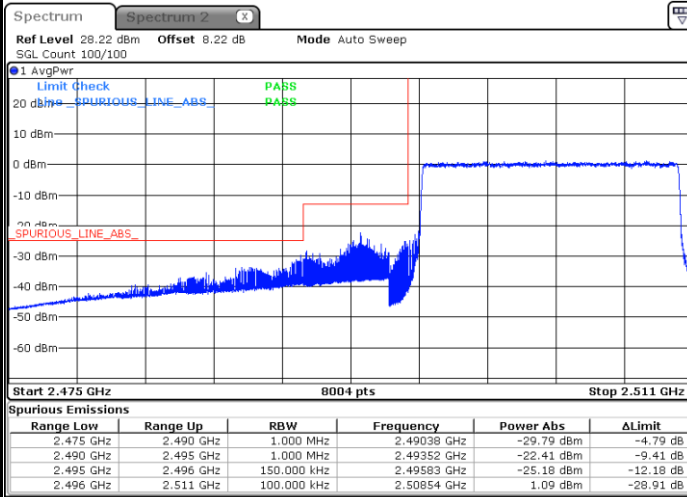
Date: 20.JUL.2024 01:54:08

Highest Band Edge / 1 RB



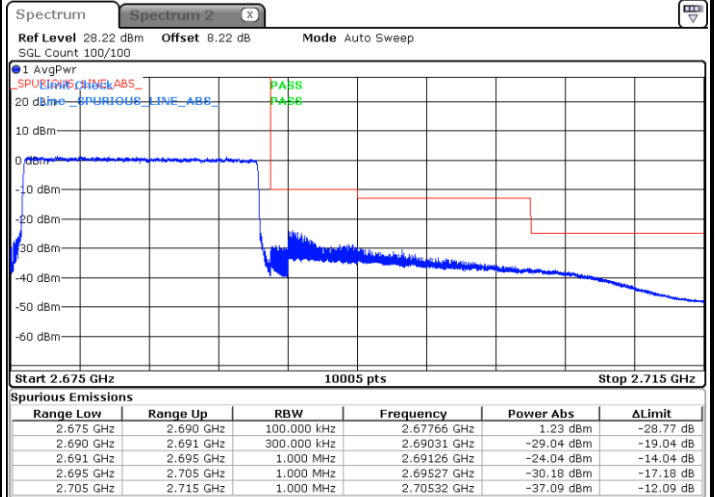
Date: 20.JUL.2024 02:07:23

Lowest Band Edge / Full RB



Date: 20.JUL.2024 01:59:12

Highest Band Edge / Full RB

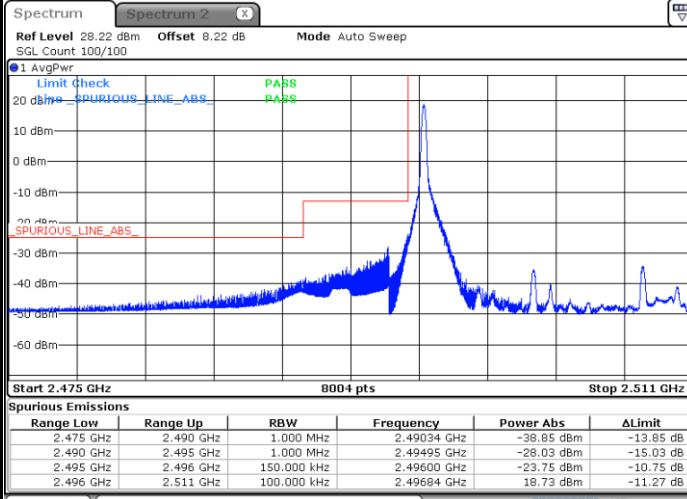


Date: 20.JUL.2024 02:12:27



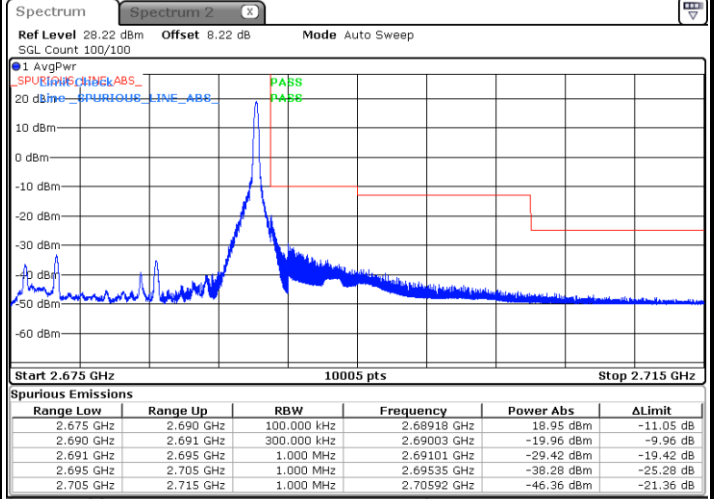
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



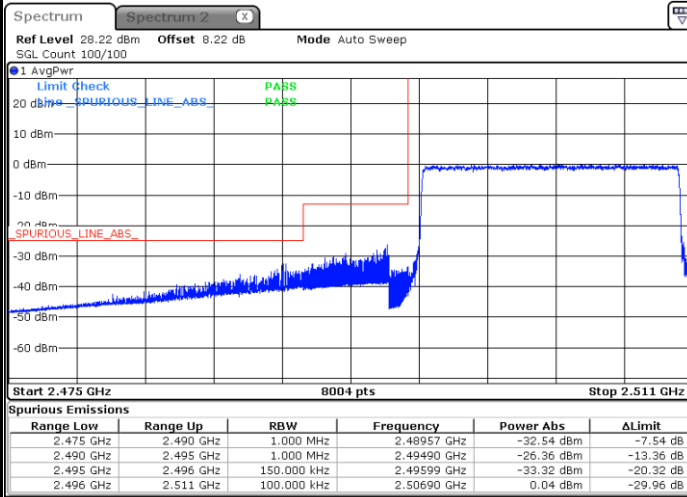
Date: 20.JUL.2024 01:55:24

Highest Band Edge / 1 RB



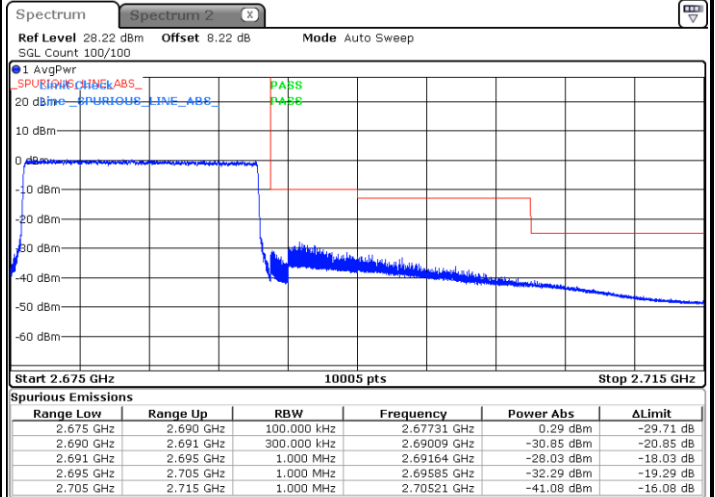
Date: 20.JUL.2024 02:08:39

Lowest Band Edge / Full RB



Date: 20.JUL.2024 02:00:28

Highest Band Edge / Full RB



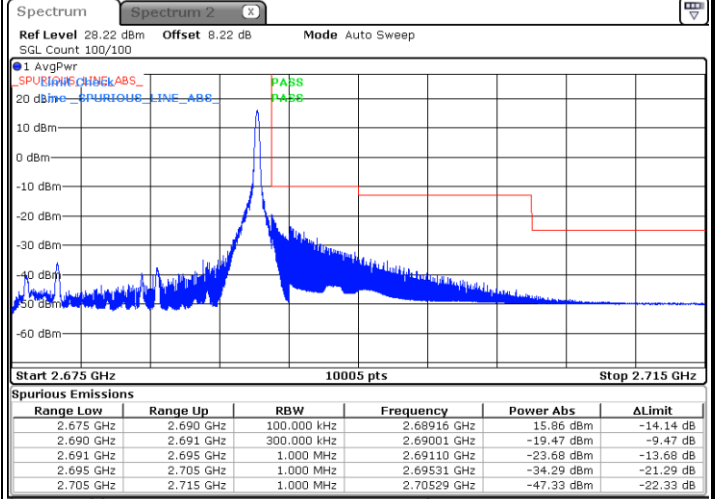
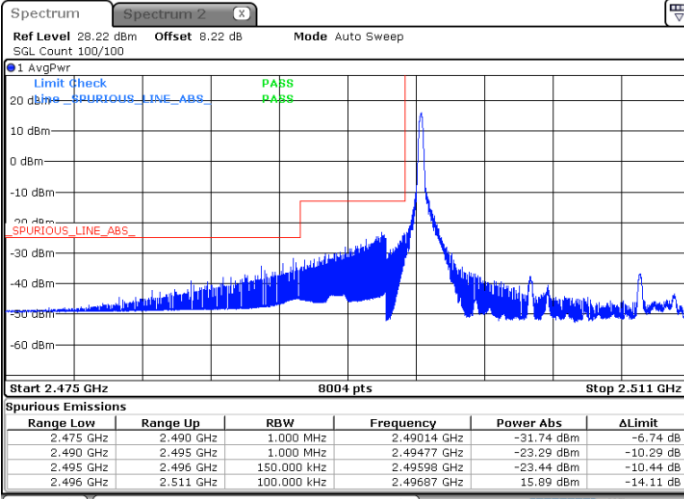
Date: 20.JUL.2024 02:13:43



LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

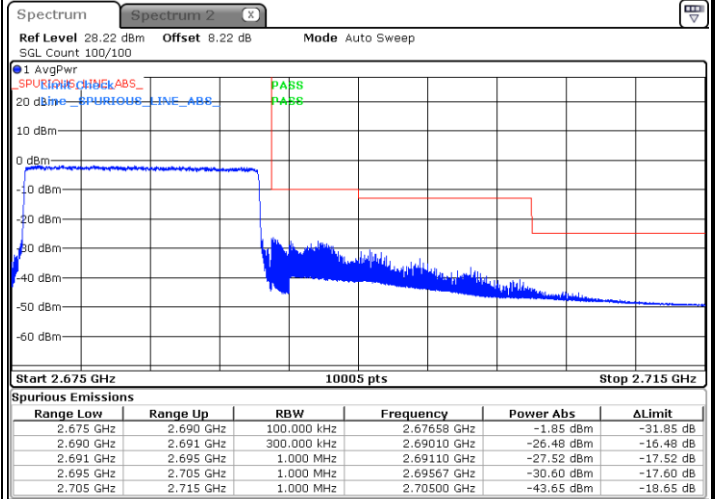
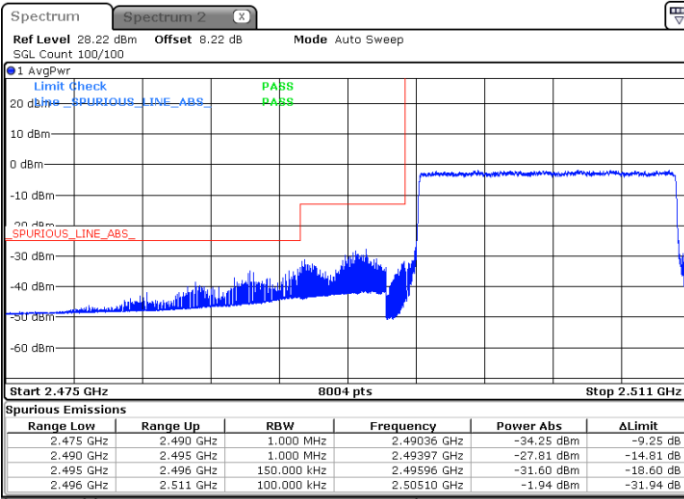


Date: 20.JUL.2024 01:56:40

Date: 20.JUL.2024 02:09:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



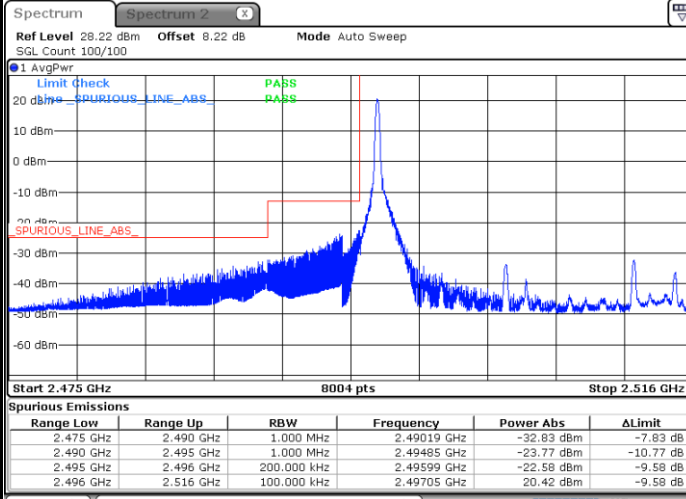
Date: 20.JUL.2024 02:01:44

Date: 20.JUL.2024 02:14:58



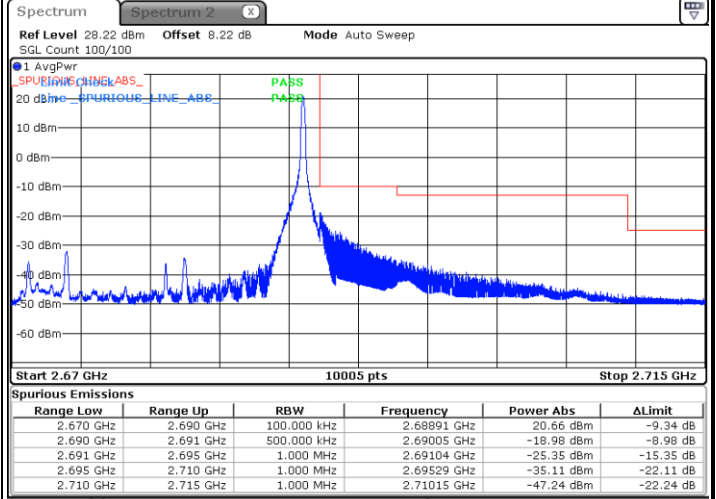
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



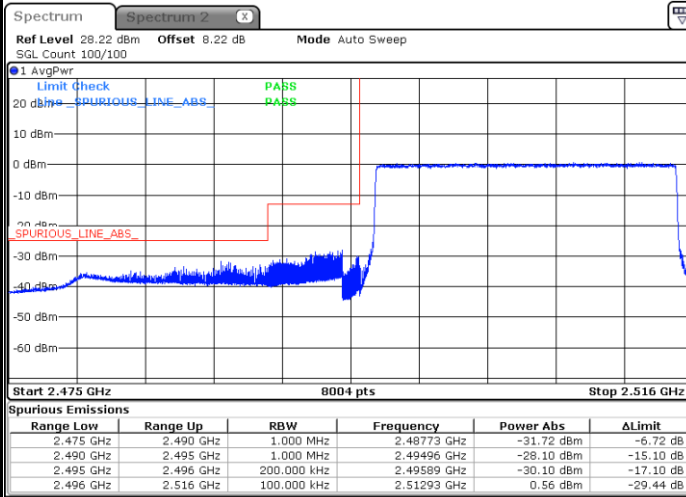
Date: 20.JUL.2024 02:19:20

Highest Band Edge / 1 RB



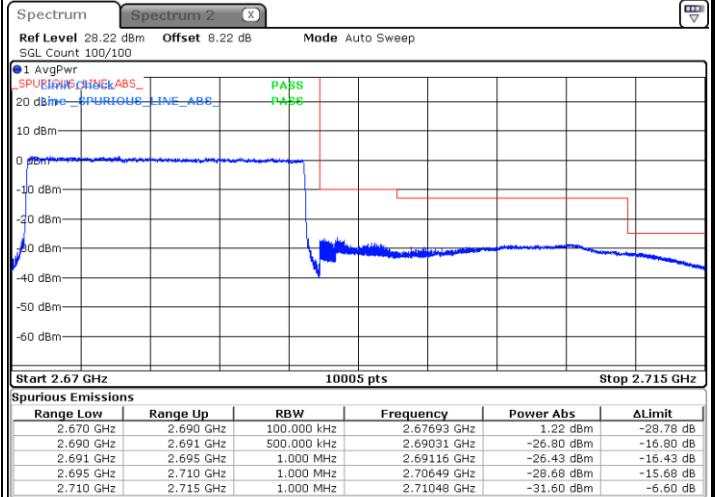
Date: 20.JUL.2024 02:32:35

Lowest Band Edge / Full RB



Date: 20.JUL.2024 02:24:28

Highest Band Edge / Full RB

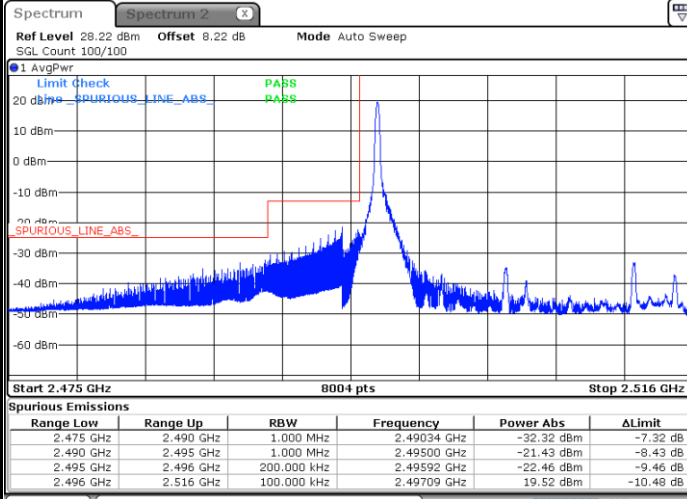


Date: 20.JUL.2024 02:37:42



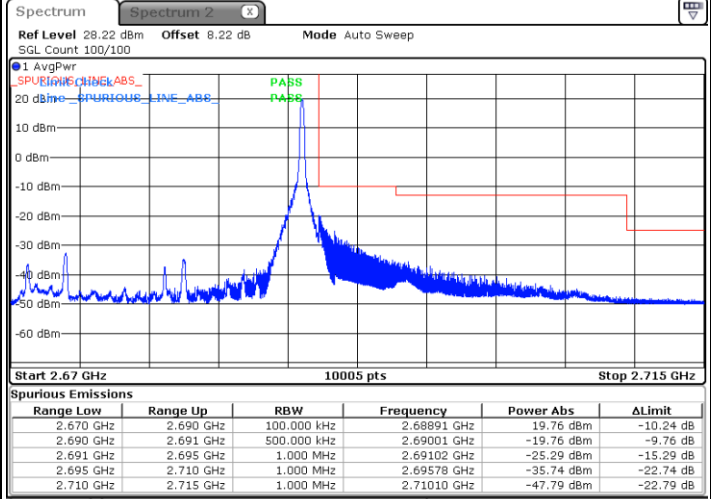
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



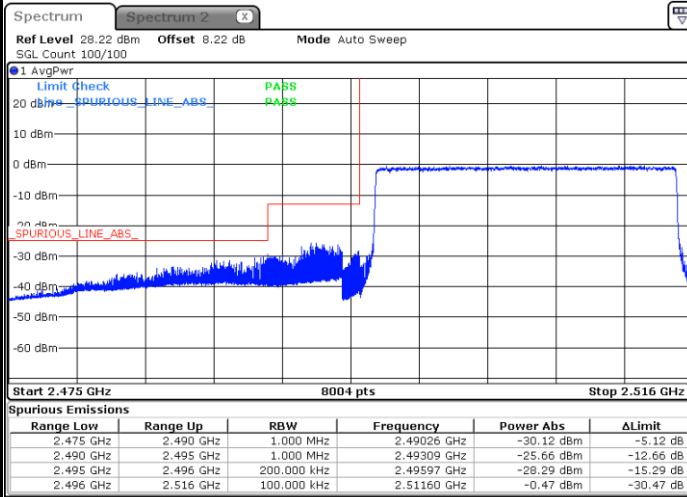
Date: 20.JUL.2024 02:20:40

Highest Band Edge / 1 RB



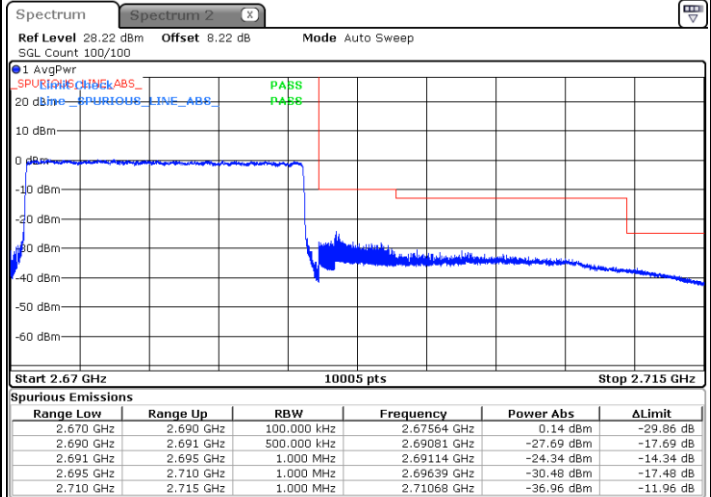
Date: 20.JUL.2024 02:33:54

Lowest Band Edge / Full RB



Date: 20.JUL.2024 02:25:44

Highest Band Edge / Full RB

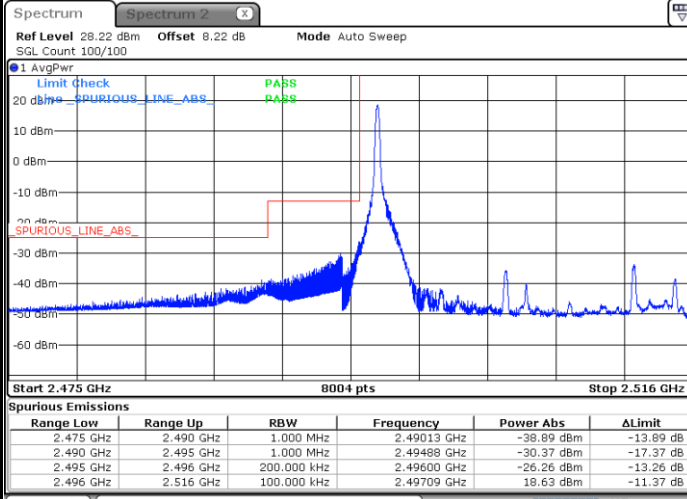


Date: 20.JUL.2024 02:38:58



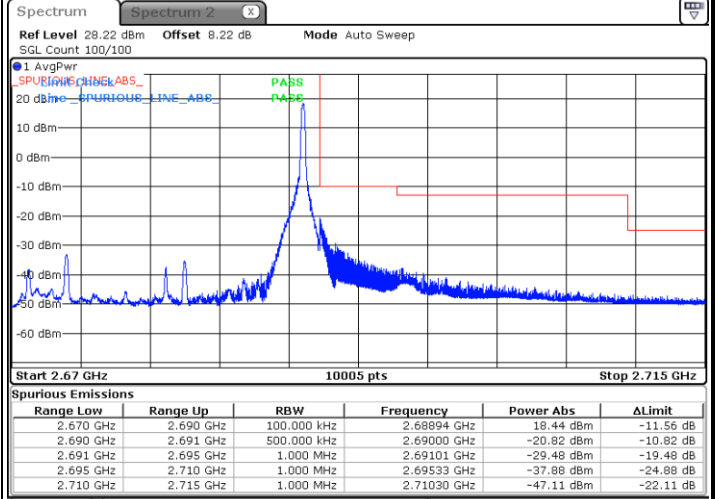
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



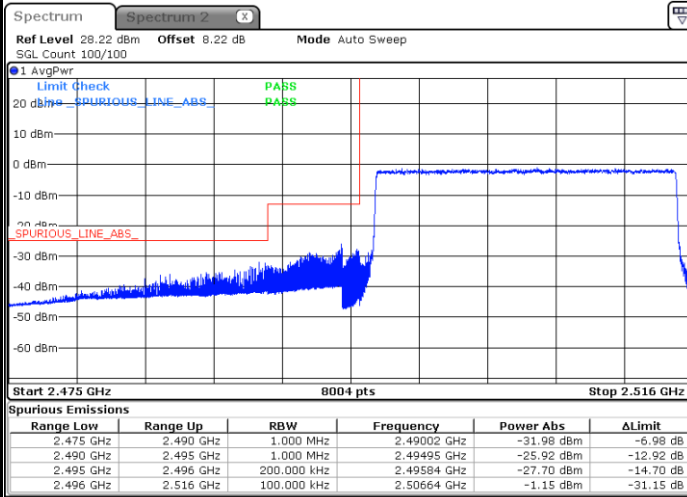
Date: 20.JUL.2024 02:21:56

Highest Band Edge / 1 RB



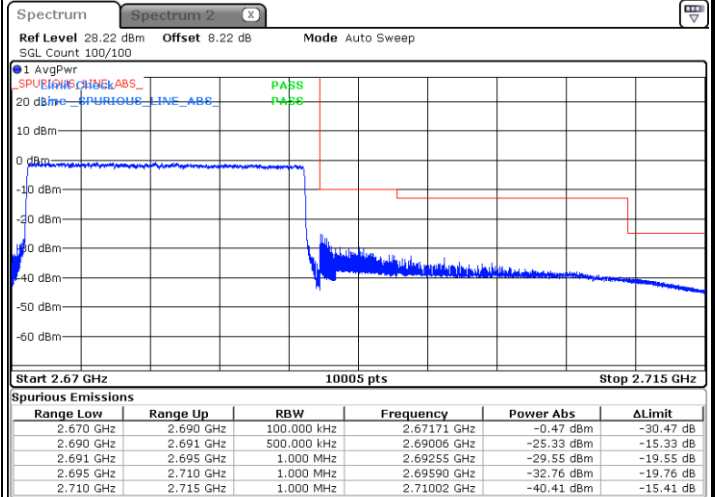
Date: 20.JUL.2024 02:35:10

Lowest Band Edge / Full RB



Date: 20.JUL.2024 02:27:00

Highest Band Edge / Full RB



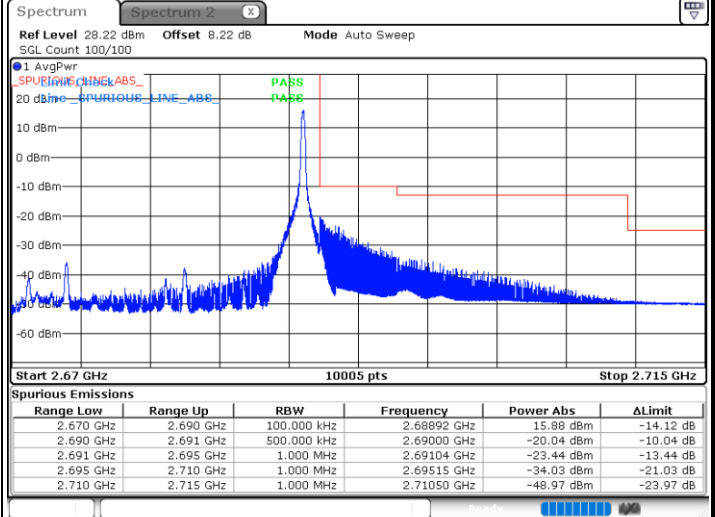
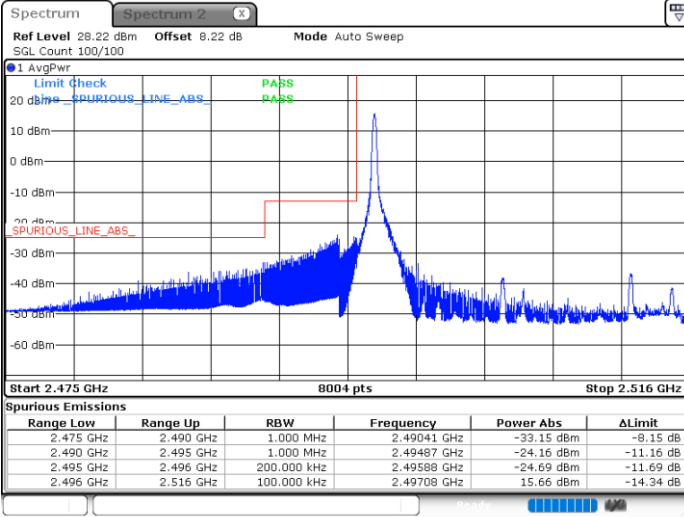
Date: 20.JUL.2024 02:40:13



LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

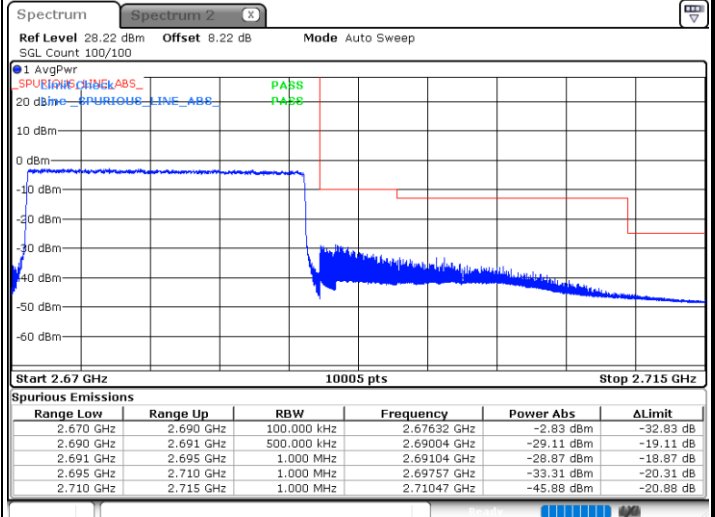
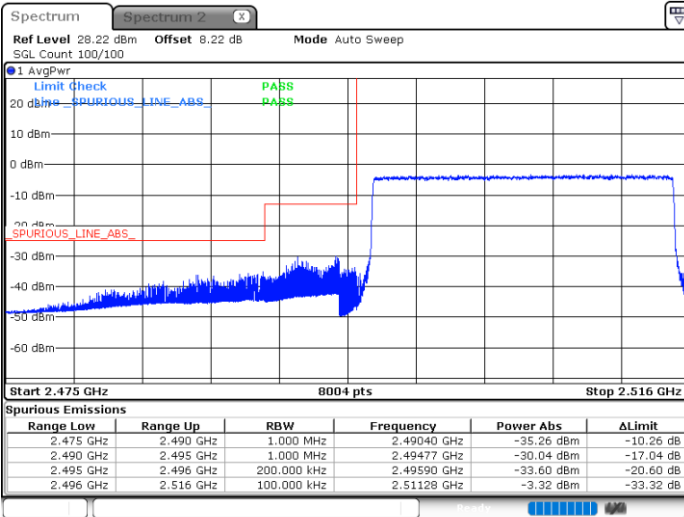


Date: 20.JUL.2024 02:23:12

Date: 20.JUL.2024 02:36:26

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 20.JUL.2024 02:28:16

Date: 20.JUL.2024 02:41:29



Conducted Spurious Emission

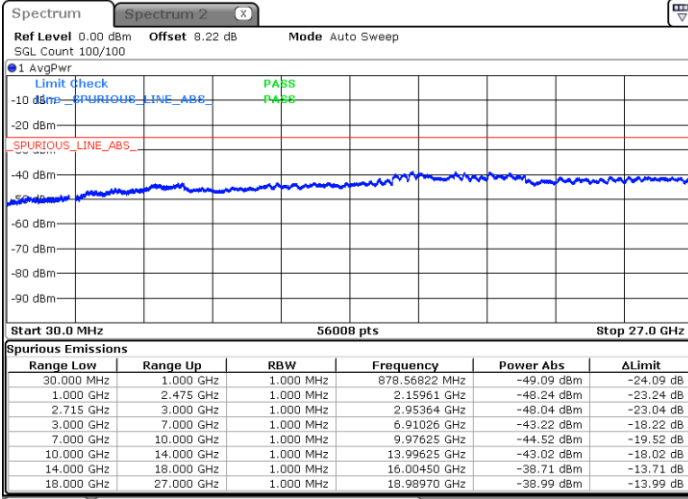




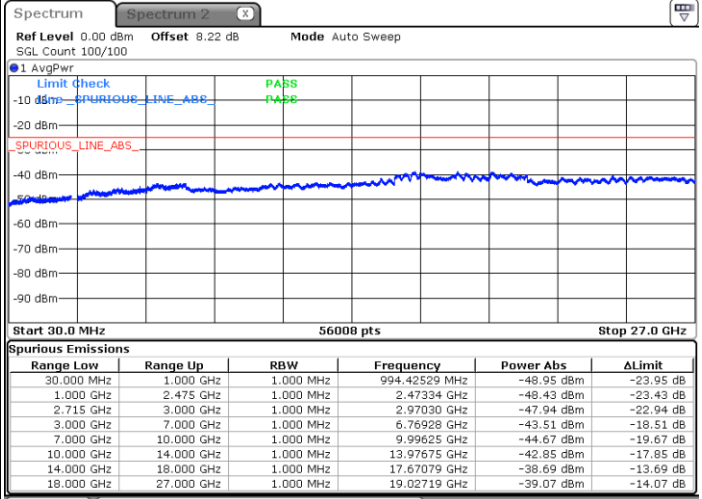
LTE Band 41 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

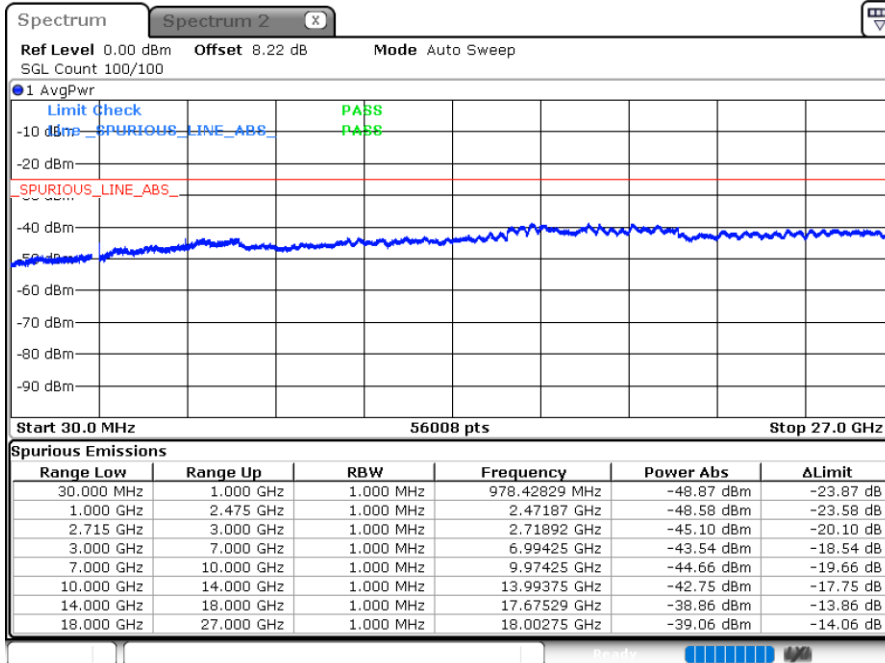


Date: 20.JUL.2024 01:12:21



Date: 20.JUL.2024 03:49:37

Highest Channel / QPSK



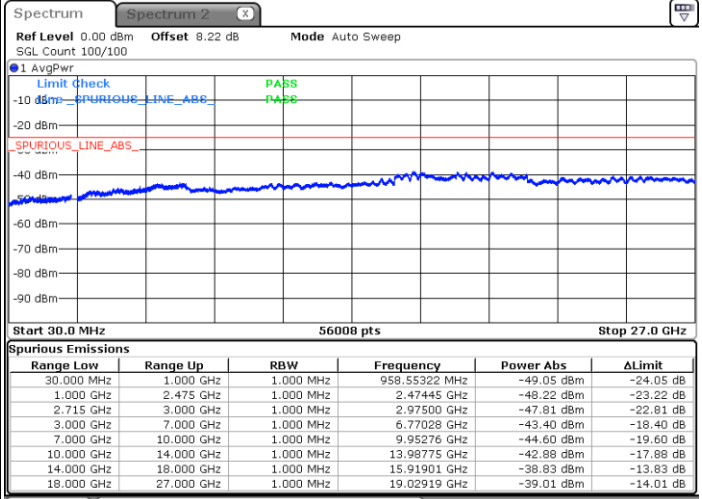
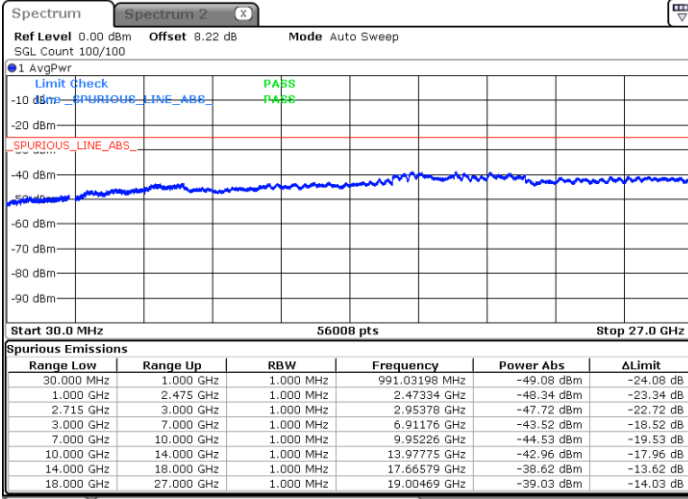
Date: 20.JUL.2024 01:25:24



LTE Band 41 / 15MHz

Lowest Channel / QPSK

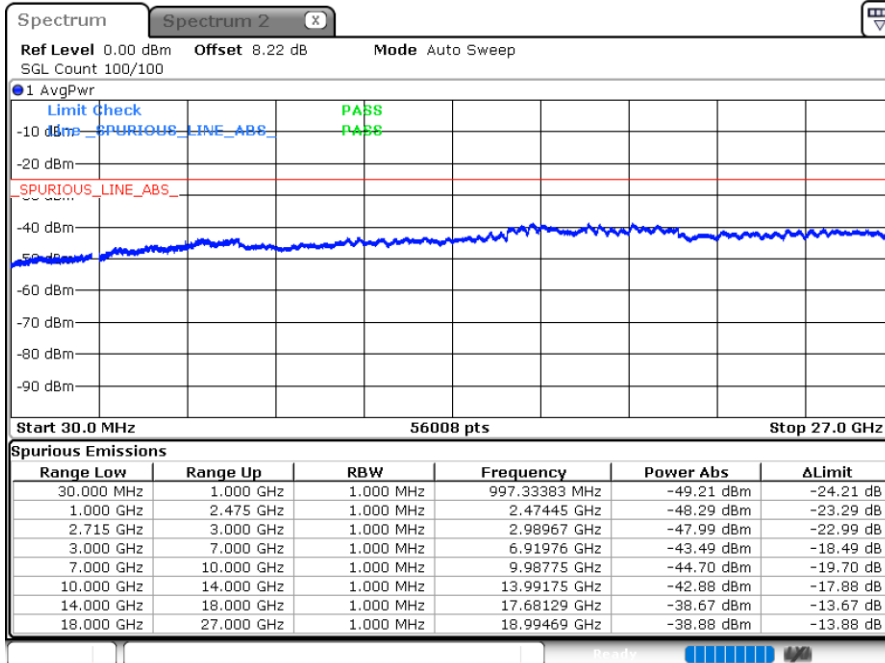
Middle Channel / QPSK



Date: 20.JUL.2024 01:51:45

Date: 20.JUL.2024 02:03:14

Highest Channel / QPSK



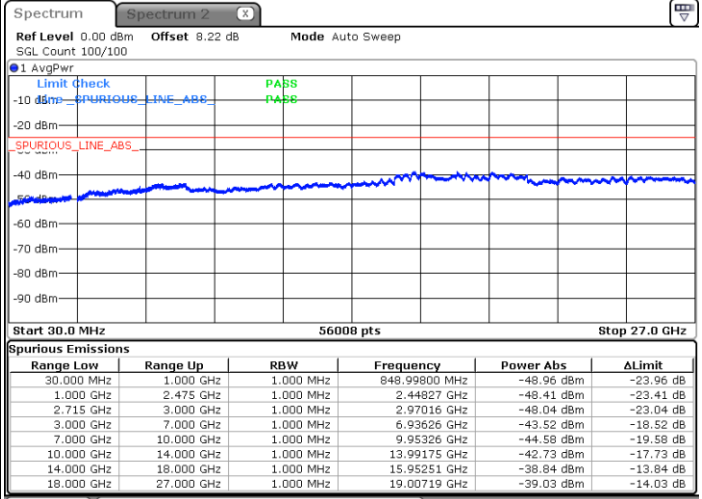
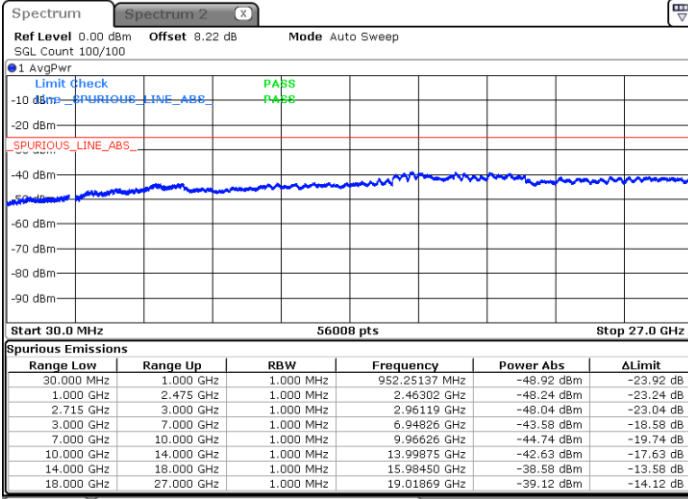
Date: 20.JUL.2024 02:04:44



LTE Band 41 / 20MHz

Lowest Channel / QPSK

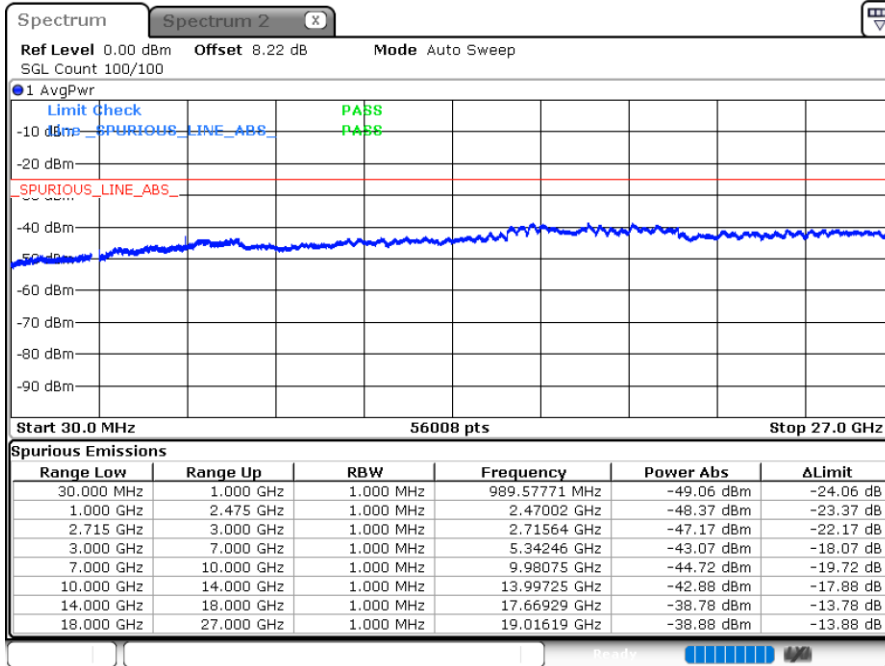
Middle Channel / QPSK



Date: 20.JUL.2024 02:18:16

Date: 20.JUL.2024 02:29:45

Highest Channel / QPSK



Date: 20.JUL.2024 02:31:15



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	0.0029	PASS
40	Normal Voltage	0.0005	
30	Normal Voltage	0.0011	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0027	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0038	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0018	
20	Battery End Point	0.0013	

Note:

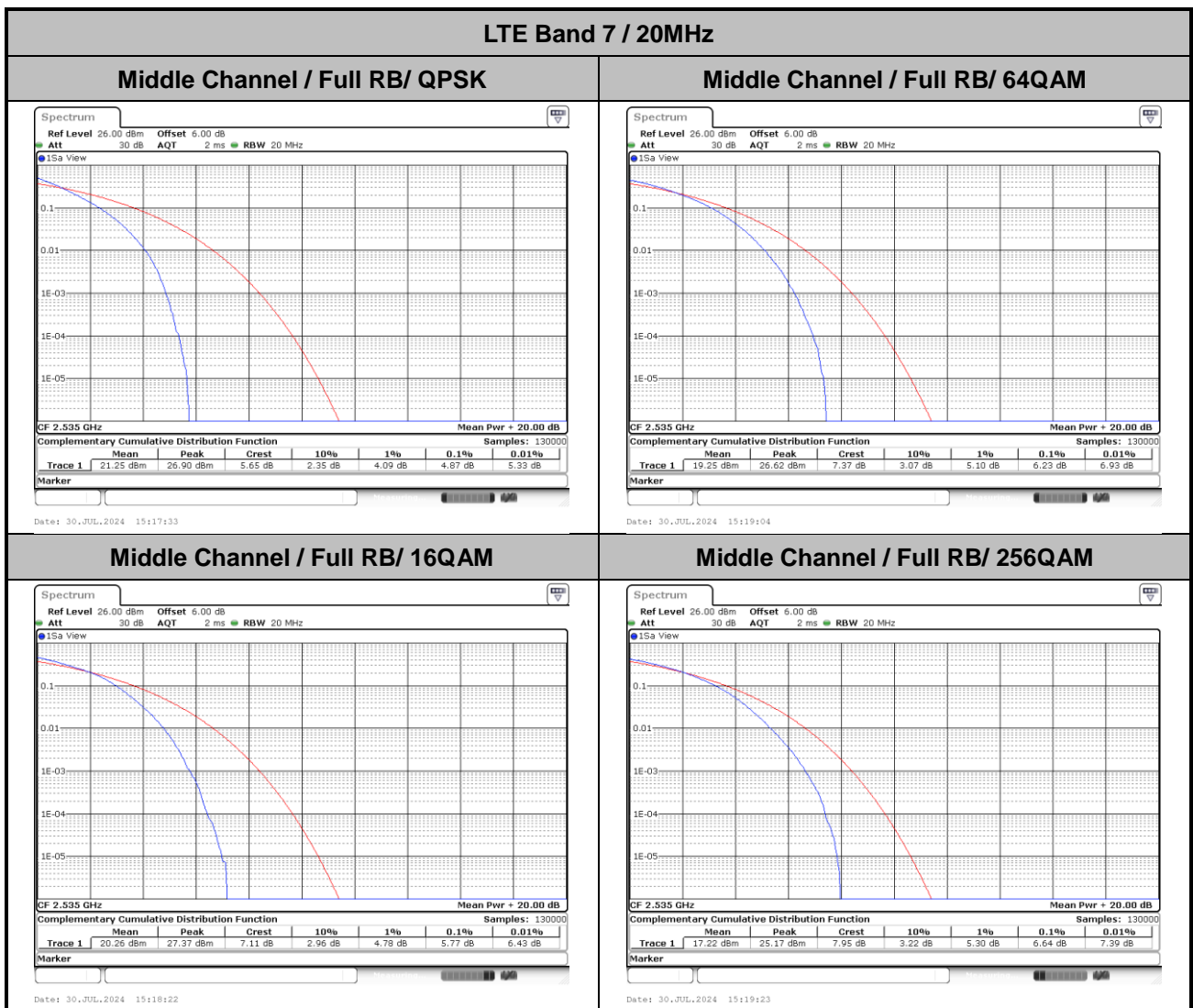
1. Normal Voltage =3.91V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.3V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7(Other PA)

Peak-to-Average Ratio

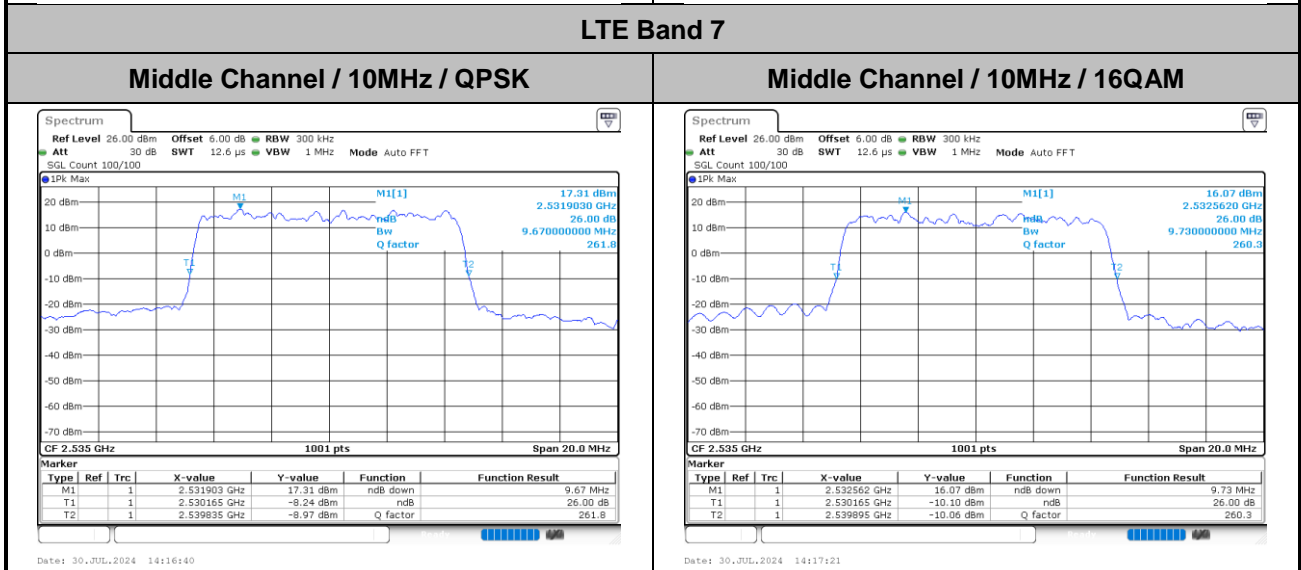
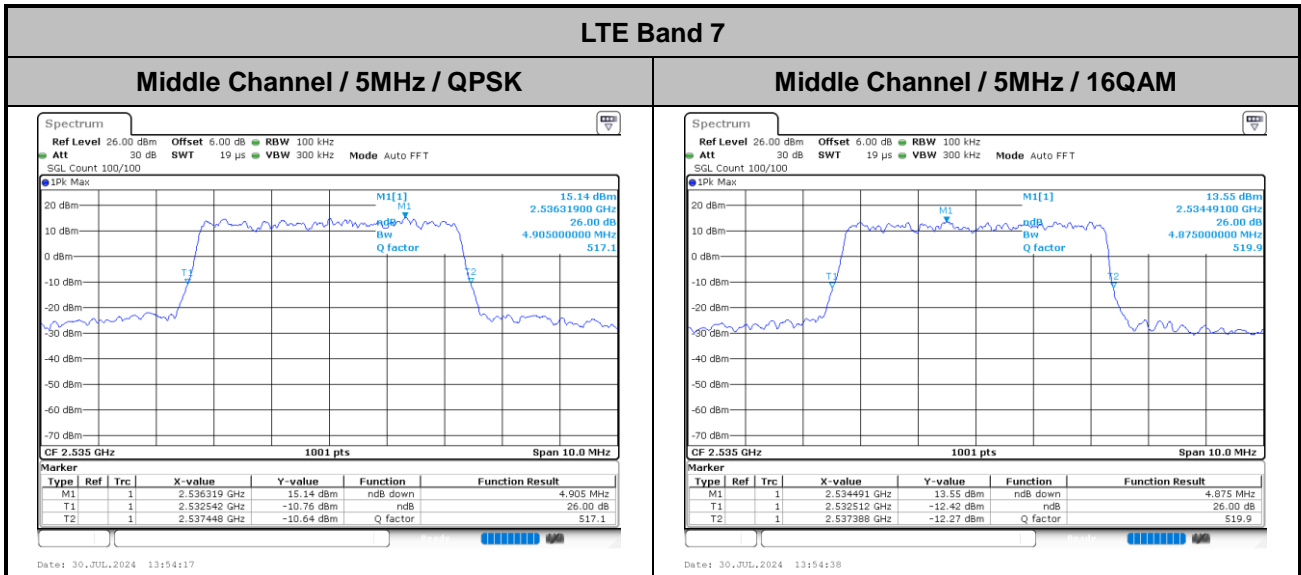
Mode	LTE Band 7 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.87	5.77	6.23	6.64	PASS





26dB Bandwidth

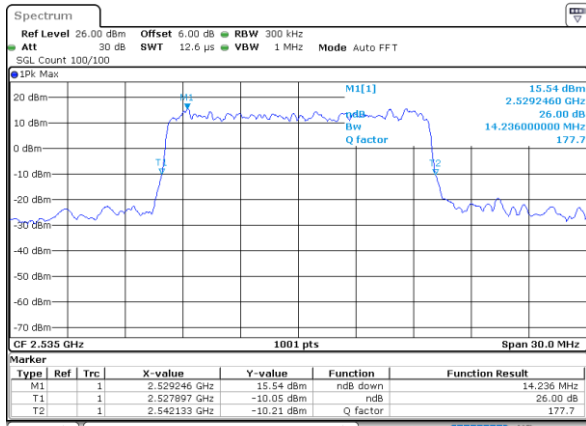
Mode	LTE Band 7 : 26dB BW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.91	4.88	9.67	9.73	14.24	14.42	19.06	18.90





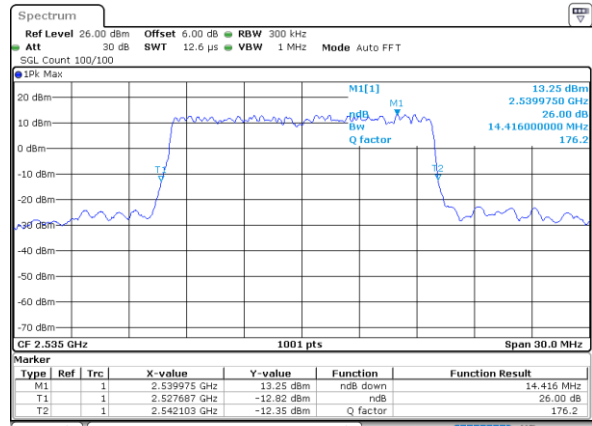
LTE Band 7

Middle Channel / 15MHz / QPSK



Date: 30_JUL_2024 14:34:33

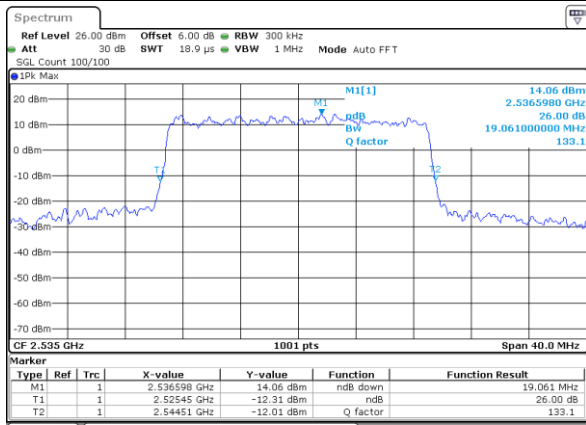
Middle Channel / 15MHz / 16QAM



Date: 30_JUL_2024 14:35:24

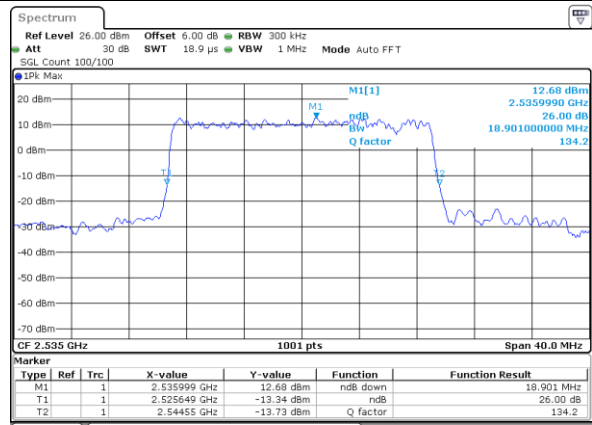
LTE Band 7

Middle Channel / 20MHz / QPSK



Date: 30_JUL_2024 15:17:12

Middle Channel / 20MHz / 16QAM

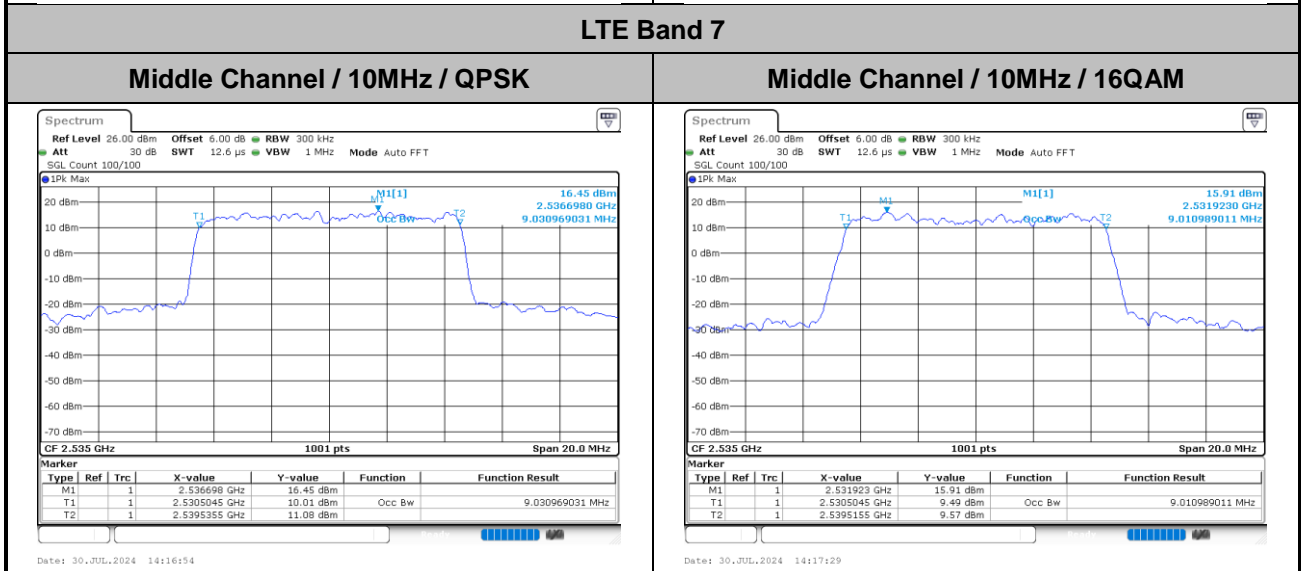
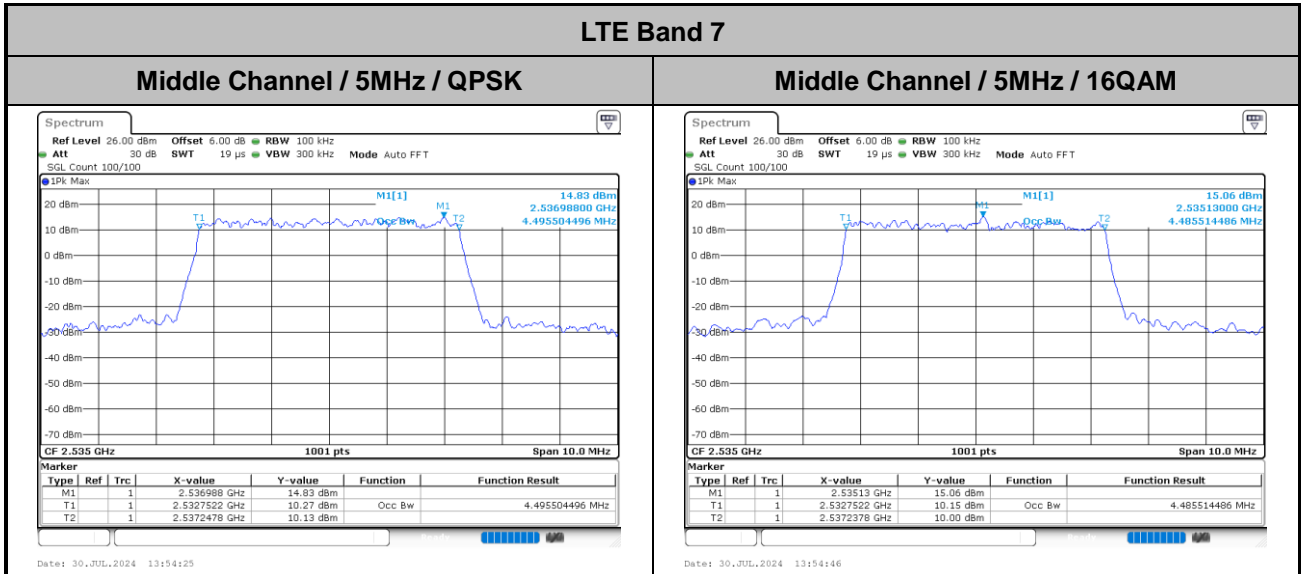


Date: 30_JUL_2024 15:17:55



Occupied Bandwidth

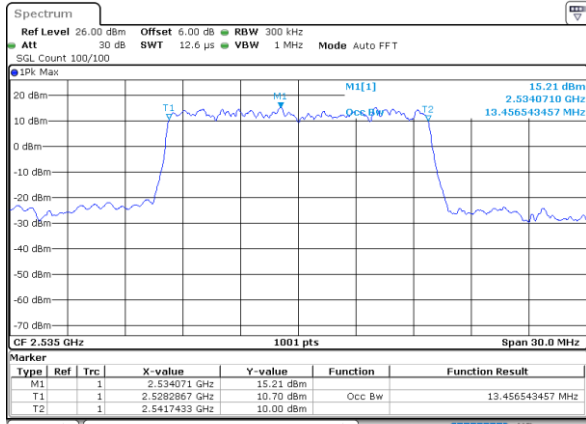
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	4.50	4.49	9.03	9.01	13.46	13.49	17.94	17.94



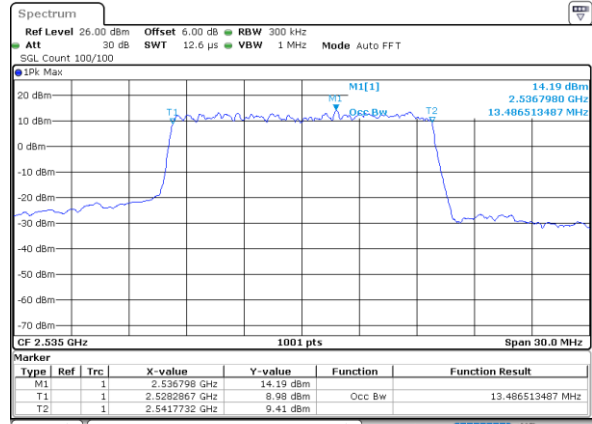


LTE Band 7

Middle Channel / 15MHz / QPSK

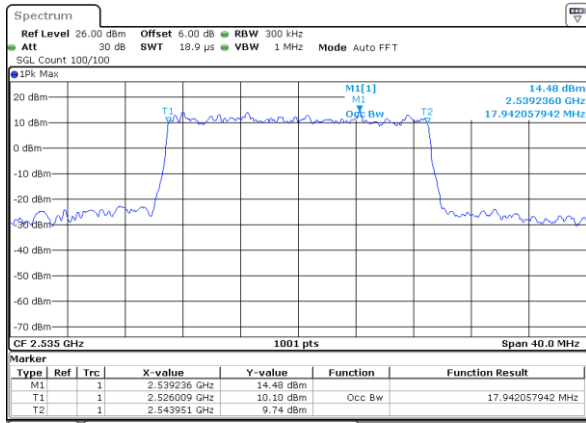


Middle Channel / 15MHz / 16QAM

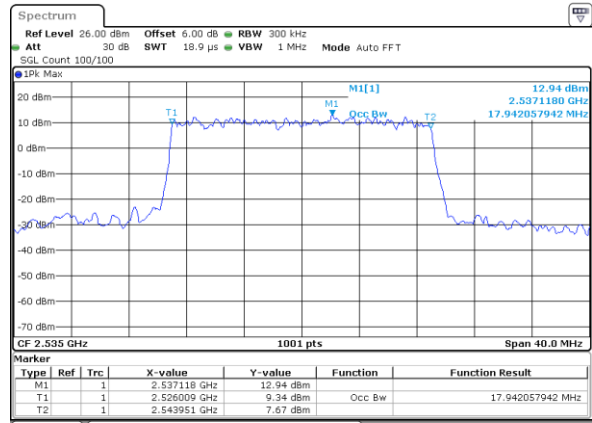


LTE Band 7

Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

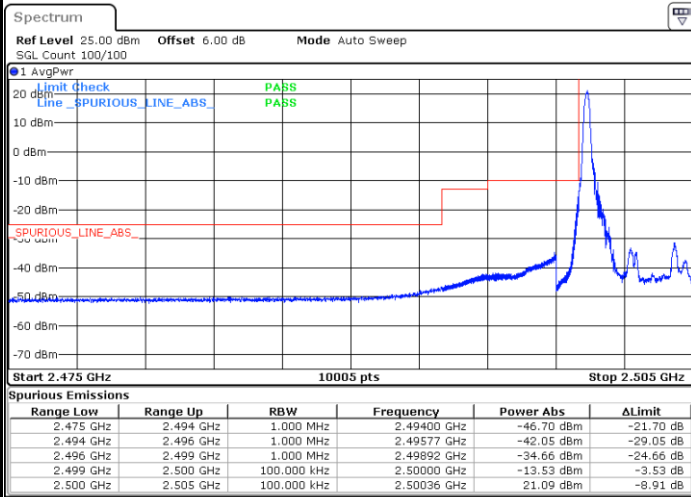




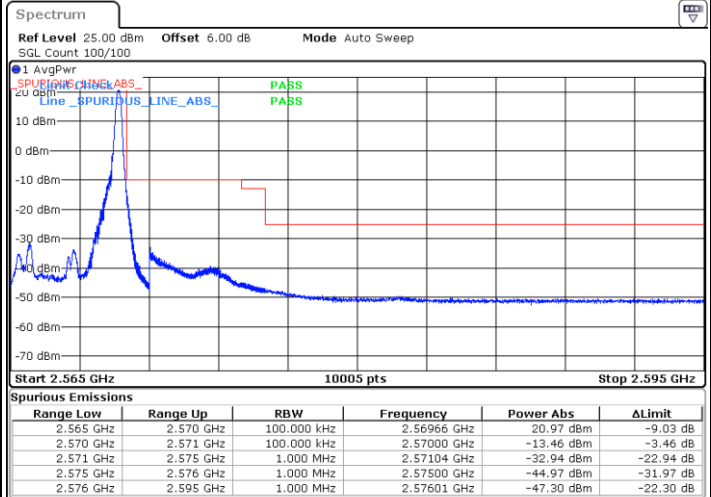
Conducted Band Edge

LTE Band 7 / 5MHz / QPSK

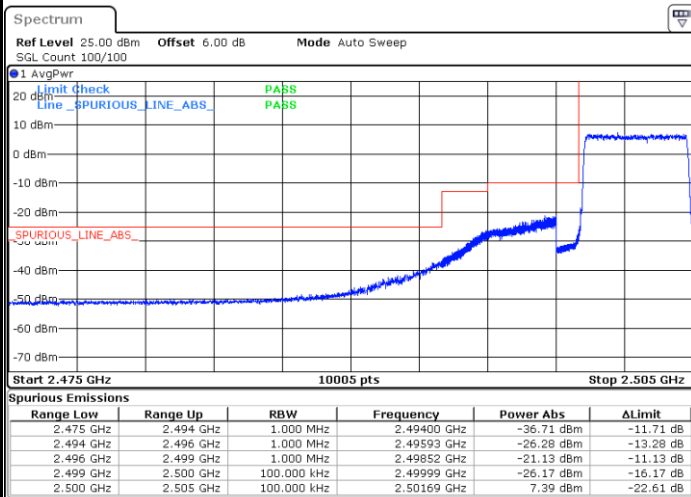
Lowest Band Edge / 1 RB



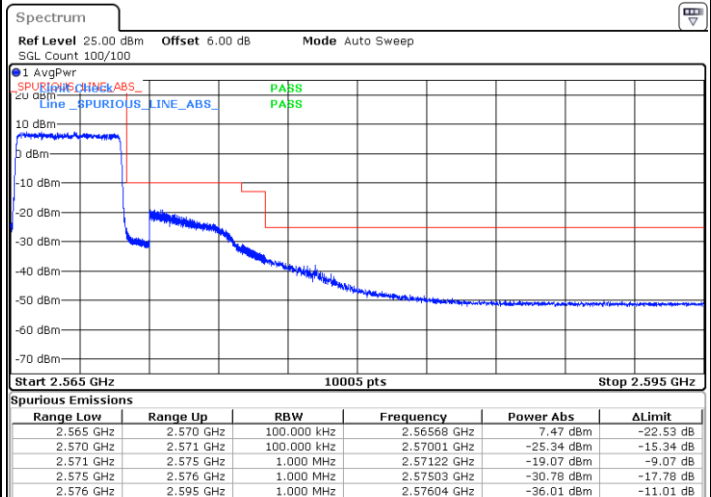
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

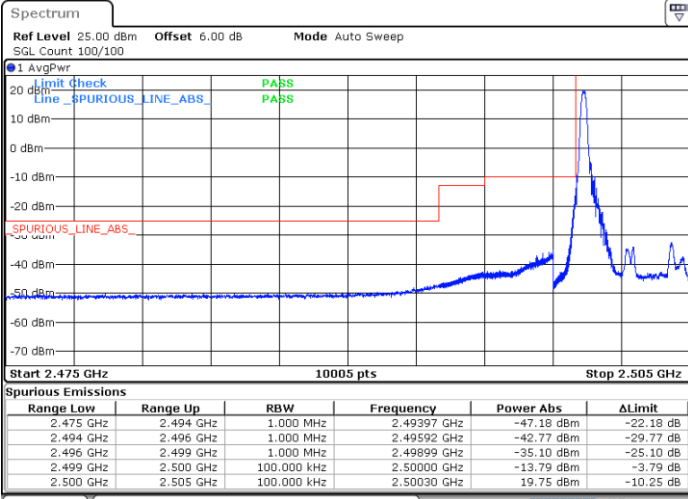




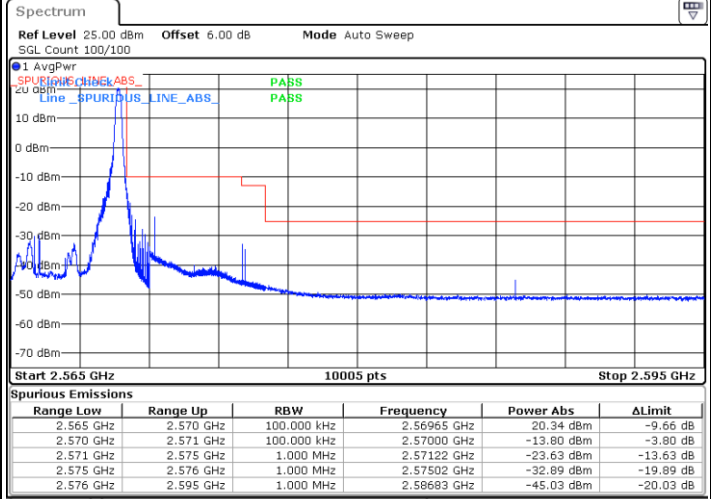
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



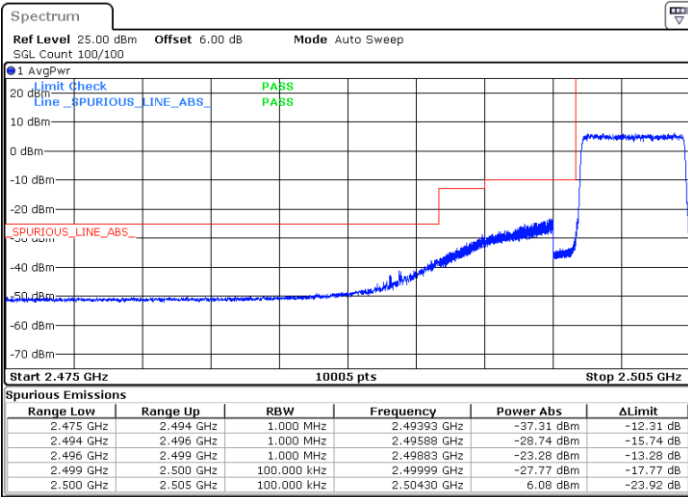
Date: 30.JUL.2024 13:49:03



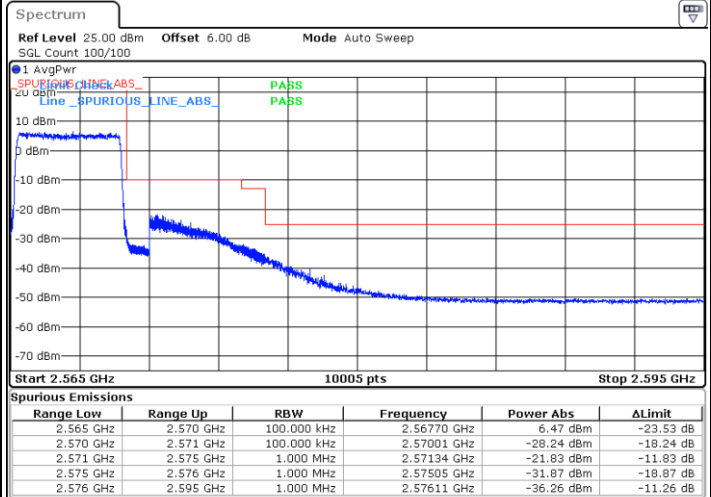
Date: 30.JUL.2024 14:00:45

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 13:52:56



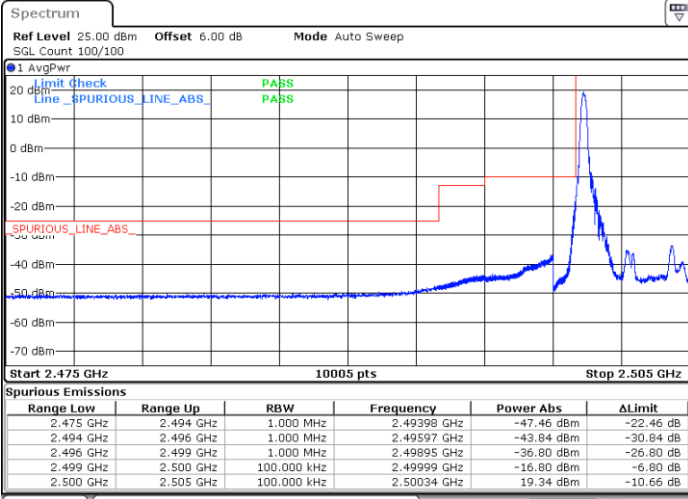
Date: 30.JUL.2024 14:03:32



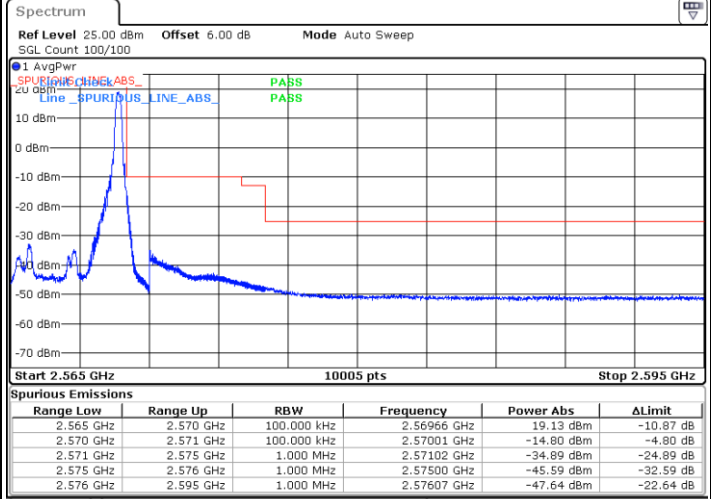
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB



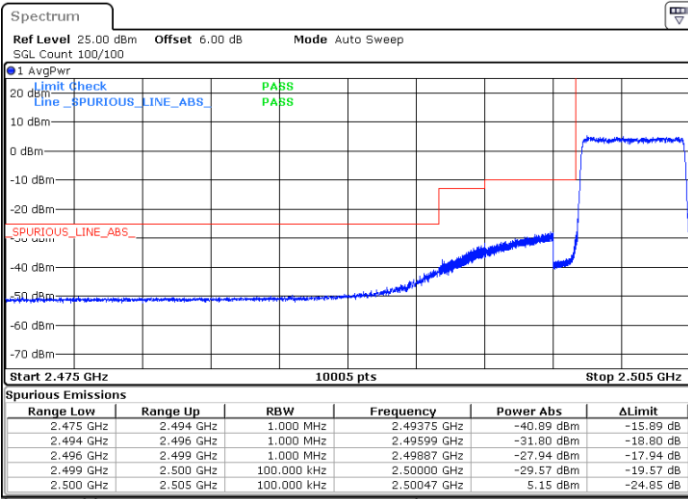
Date: 30.JUL.2024 13:49:29



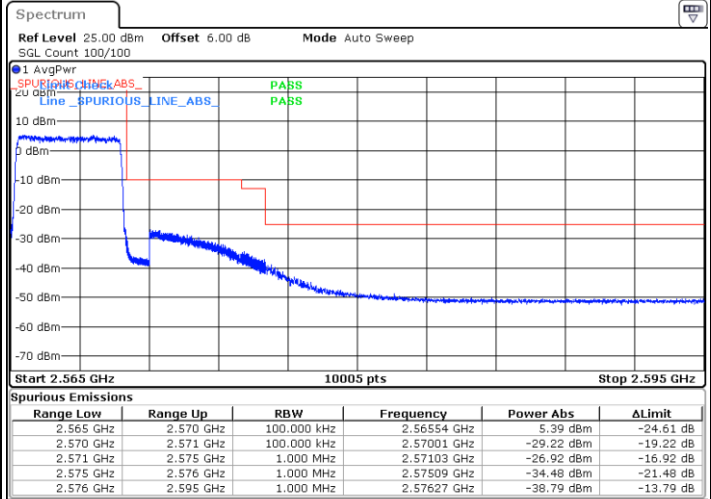
Date: 30.JUL.2024 14:01:25

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 13:52:11



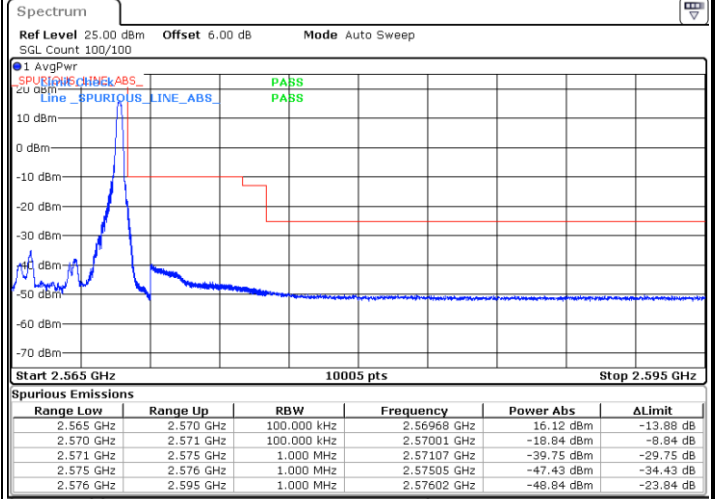
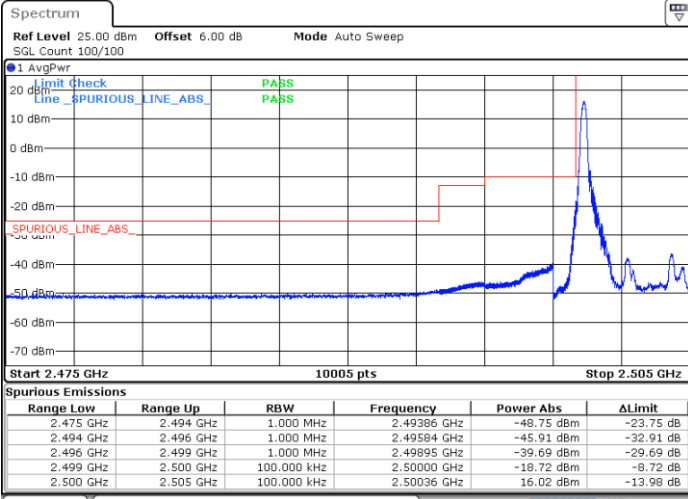
Date: 30.JUL.2024 14:03:06



LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

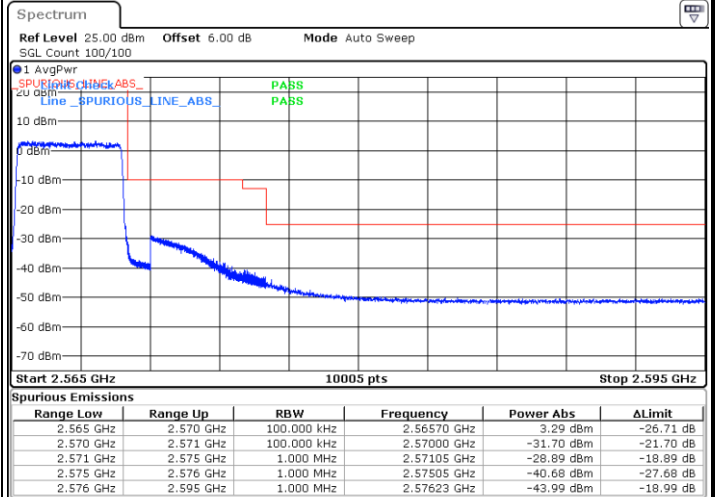
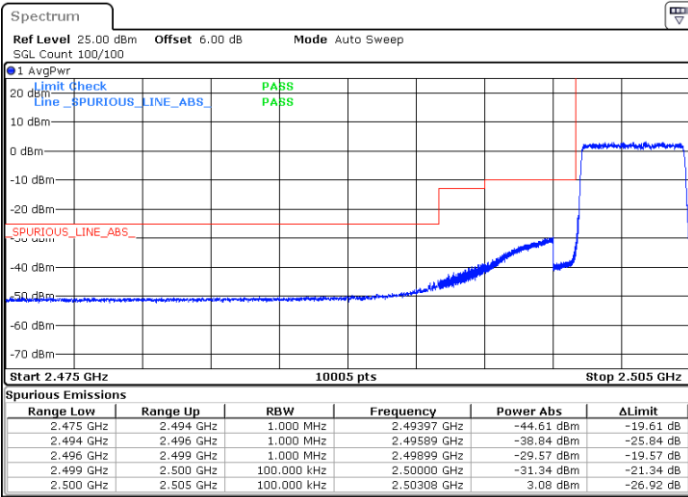


Date: 30.JUL.2024 13:50:51

Date: 30.JUL.2024 14:02:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 30.JUL.2024 13:51:16

Date: 30.JUL.2024 14:02:45