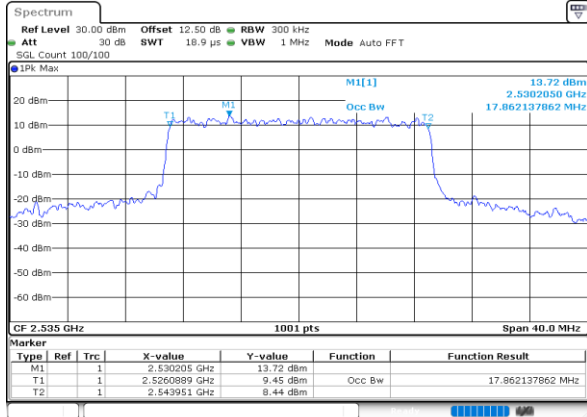




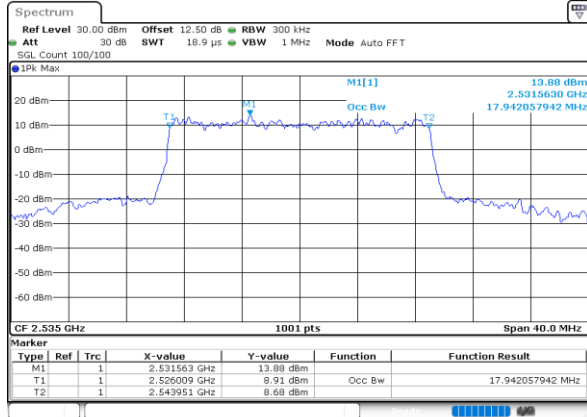
LTE Band 7

Middle Channel / 20MHz / QPSK



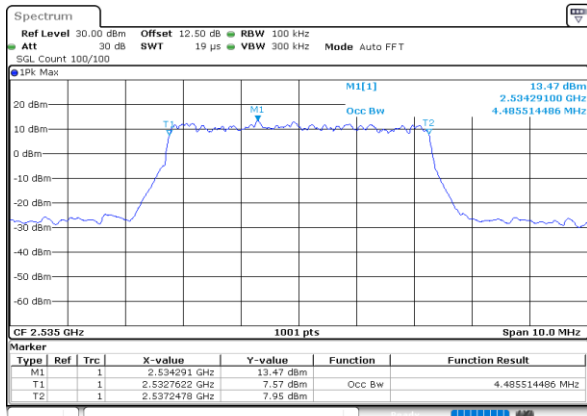
Date: 14.AUG.2022 00:22:43

Middle Channel / 20MHz / 16QAM



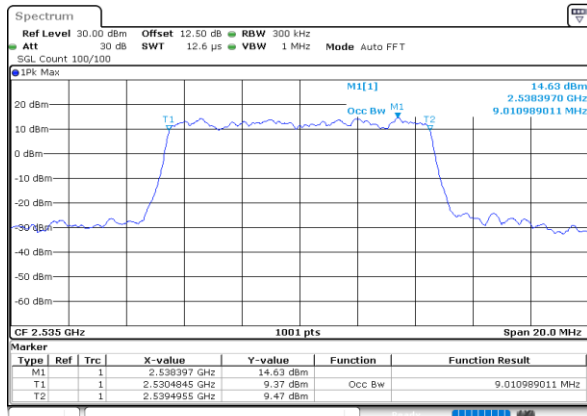
Date: 14.AUG.2022 00:23:07

Middle Channel / 5MHz / 64QAM



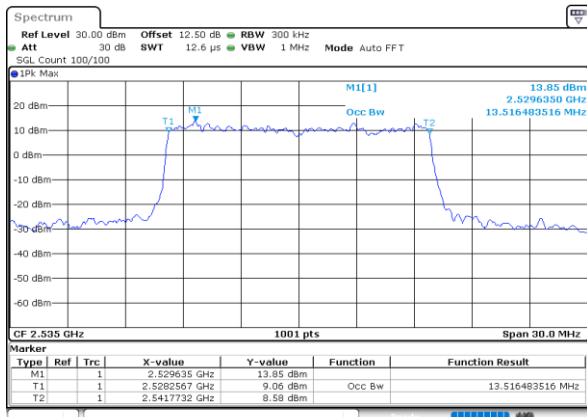
Date: 13.AUG.2022 23:28:32

Middle Channel / 10MHz / 64QAM



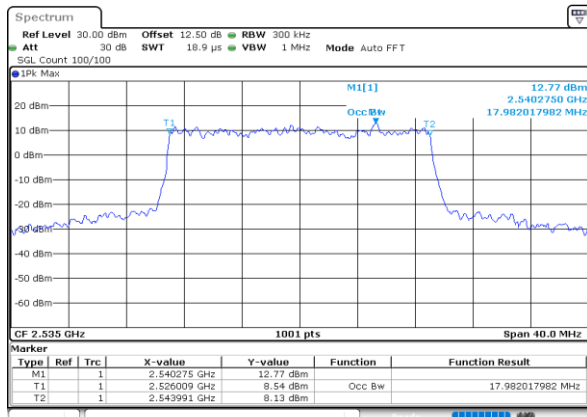
Date: 13.AUG.2022 23:44:38

Middle Channel / 15MHz / 64QAM



Date: 14.AUG.2022 00:00:47

Middle Channel / 20MHz / 64QAM

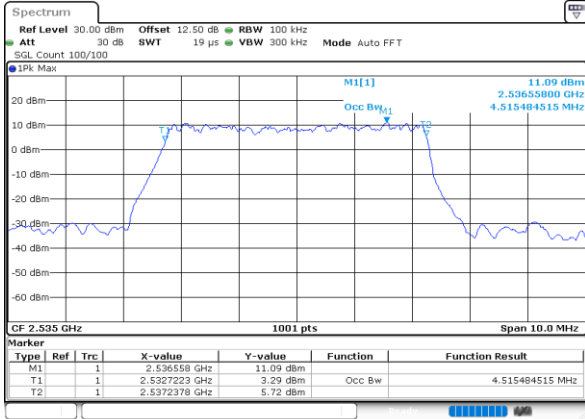


Date: 14.AUG.2022 00:10:51



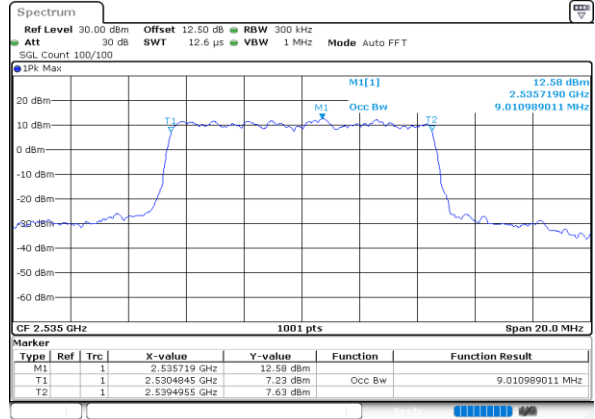
LTE Band 7

Middle Channel / 5MHz / 256QAM



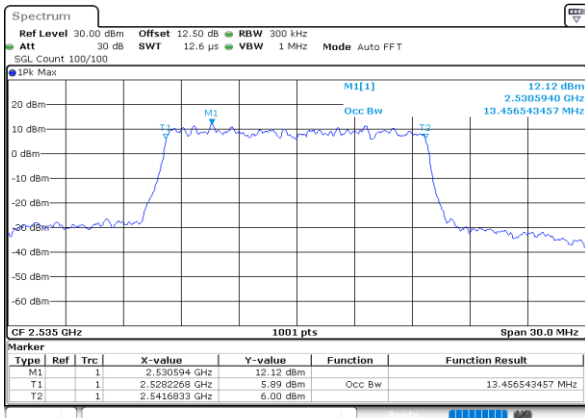
Date: 14.AUG.2022 00:35:00

Middle Channel / 10MHz / 256QAM



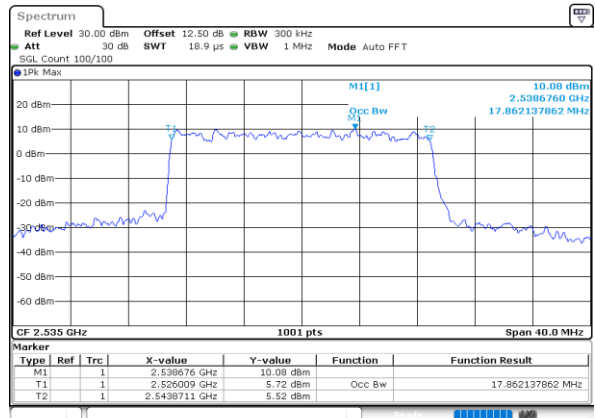
Date: 14.AUG.2022 01:15:129

Middle Channel / 15MHz / 256QAM



Date: 14.AUG.2022 01:07:27

Middle Channel / 20MHz / 256QAM



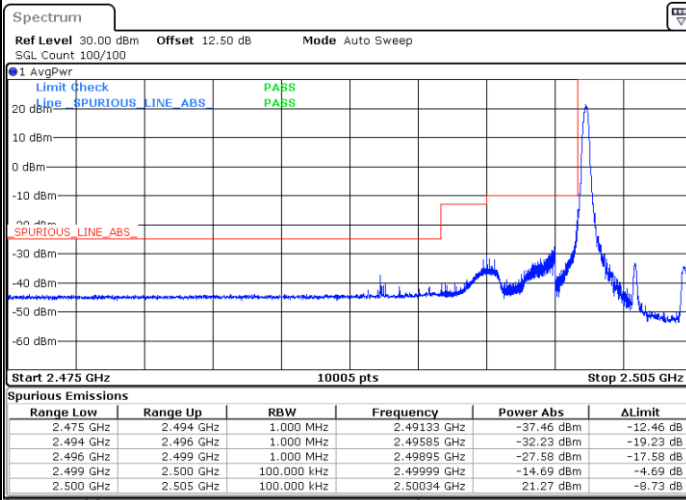
Date: 14.AUG.2022 02:01:27



Conducted Band Edge

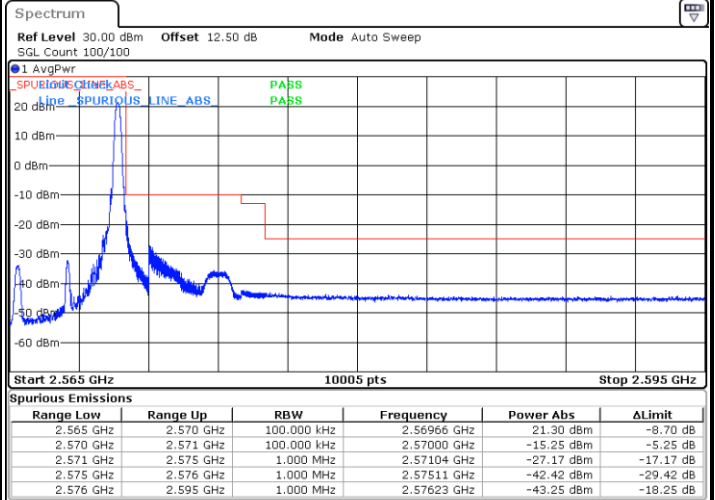
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



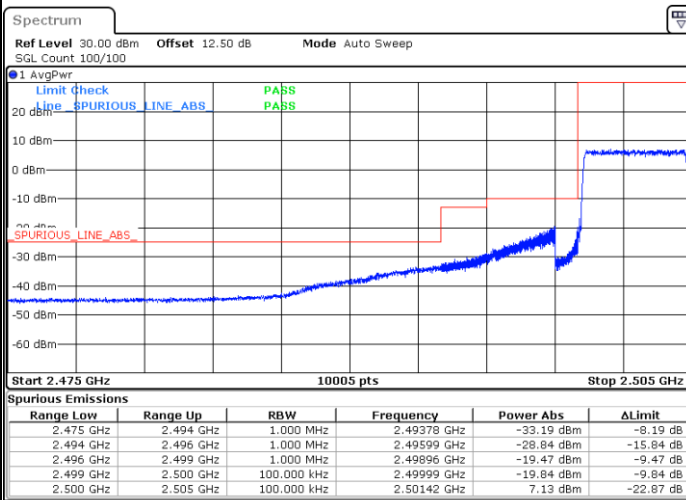
Date: 13.AUG.2022 23:15:10

Highest Band Edge / 1 RB



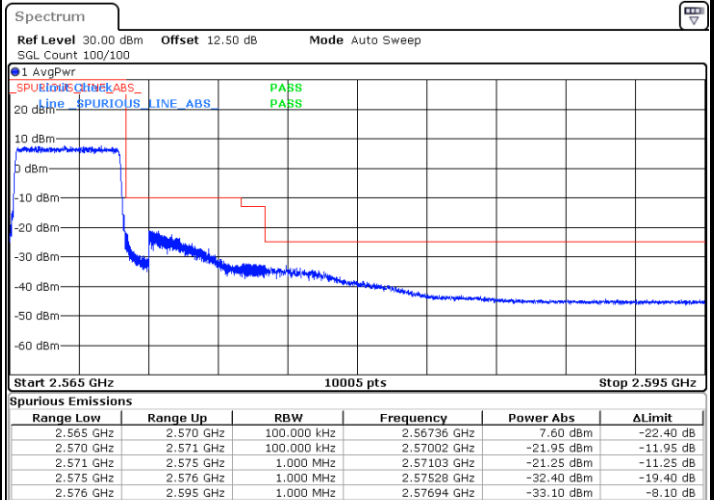
Date: 13.AUG.2022 23:22:42

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:16:51

Highest Band Edge / Full RB

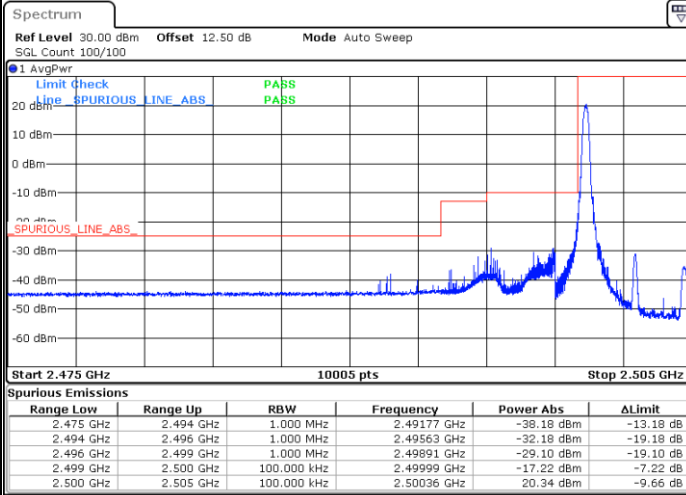


Date: 13.AUG.2022 23:24:22



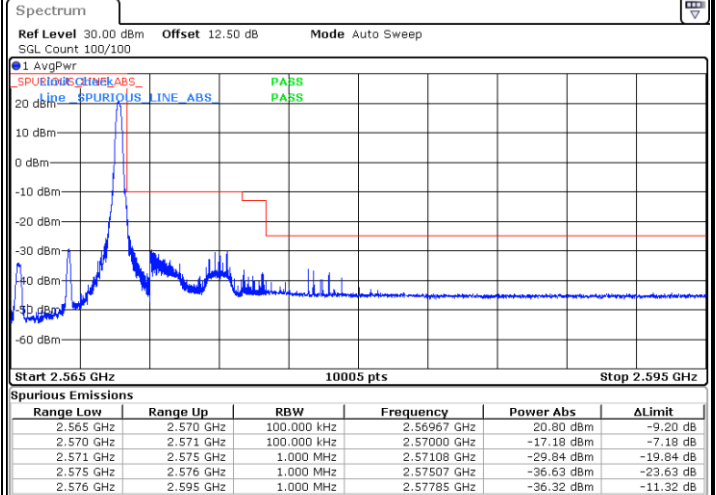
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



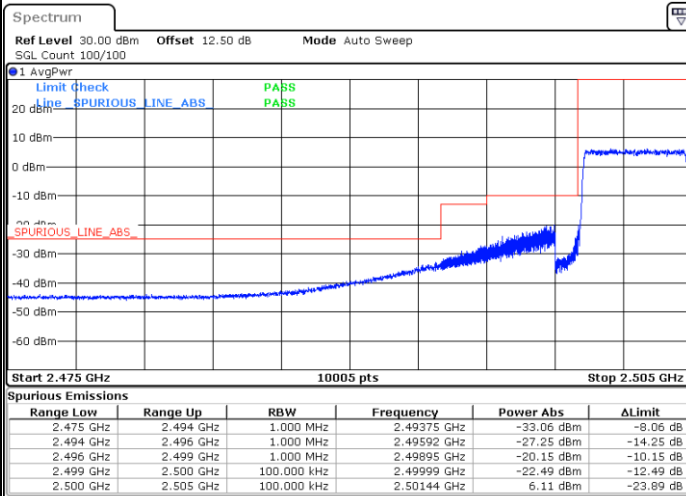
Date: 13.AUG.2022 23:16:01

Highest Band Edge / 1 RB



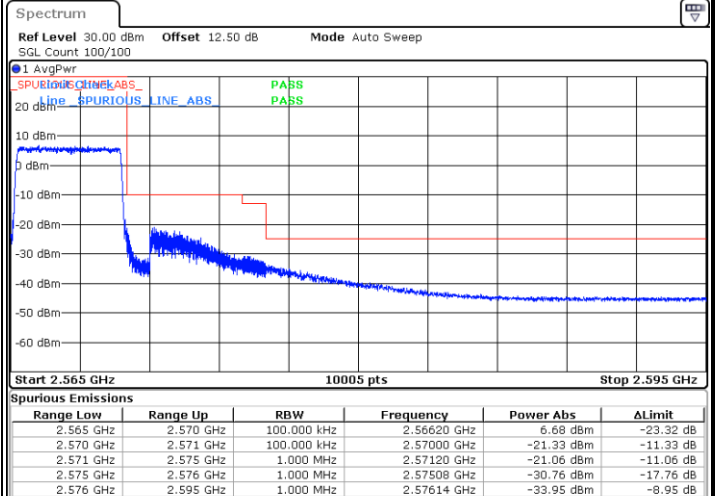
Date: 13.AUG.2022 23:23:31

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:17:42

Highest Band Edge / Full RB

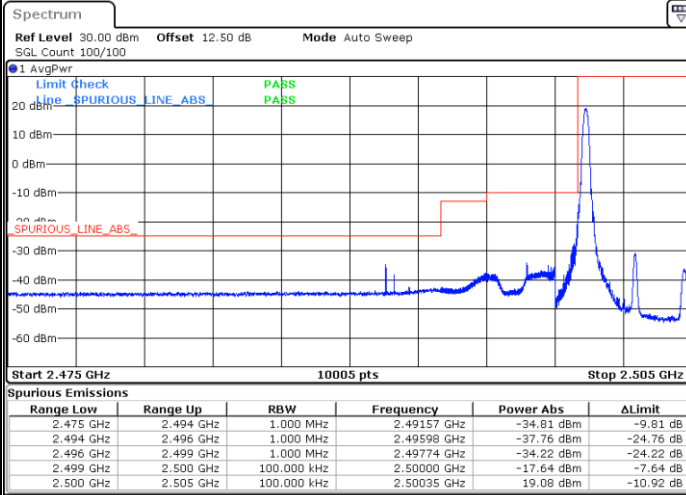


Date: 13.AUG.2022 23:25:12



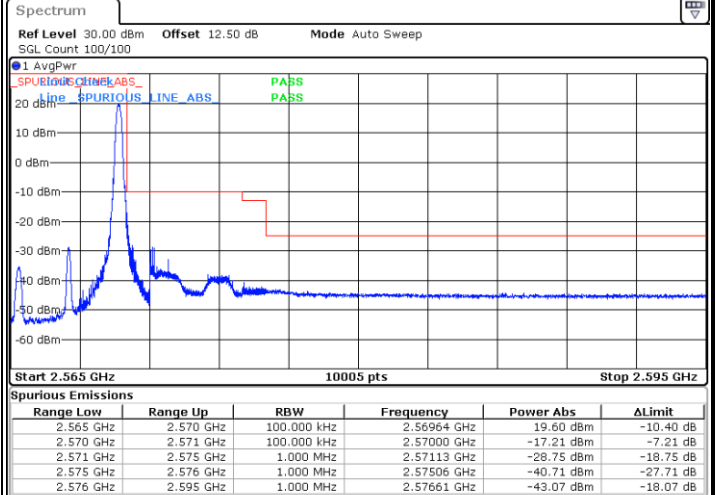
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



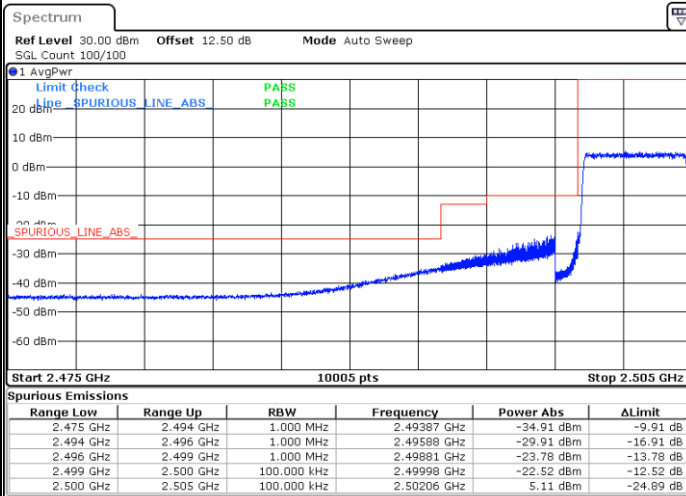
Date: 13.AUG.2022 23:27:11

Highest Band Edge / 1 RB



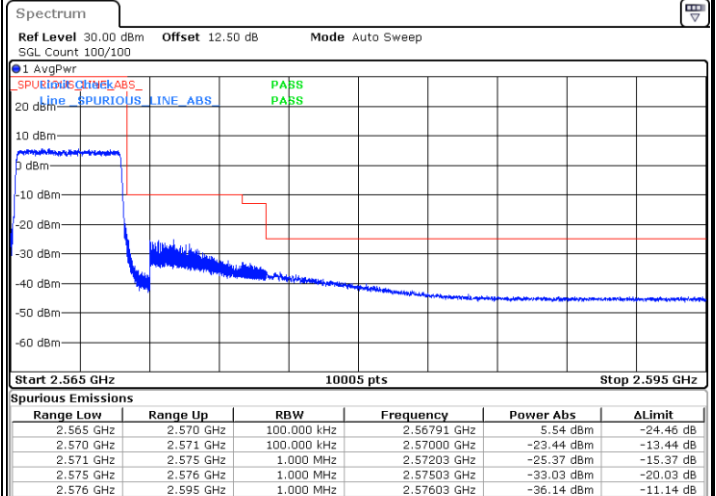
Date: 13.AUG.2022 23:29:34

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:28:01

Highest Band Edge / Full RB

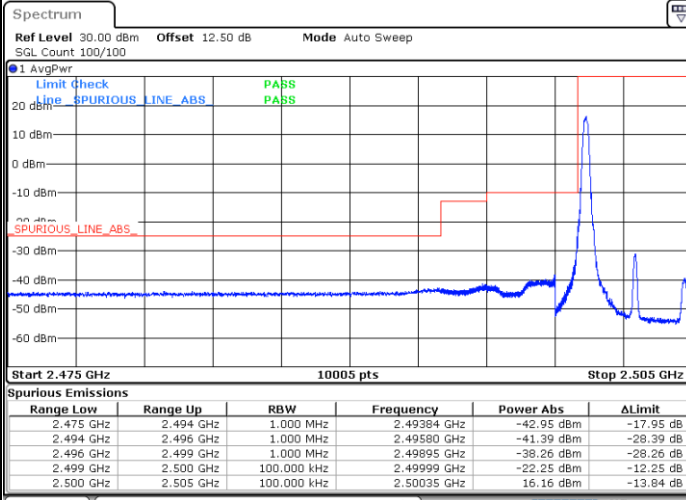


Date: 13.AUG.2022 23:30:24



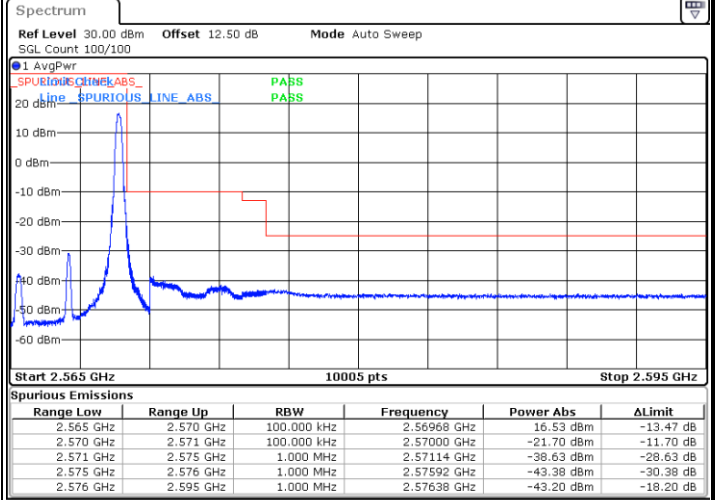
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



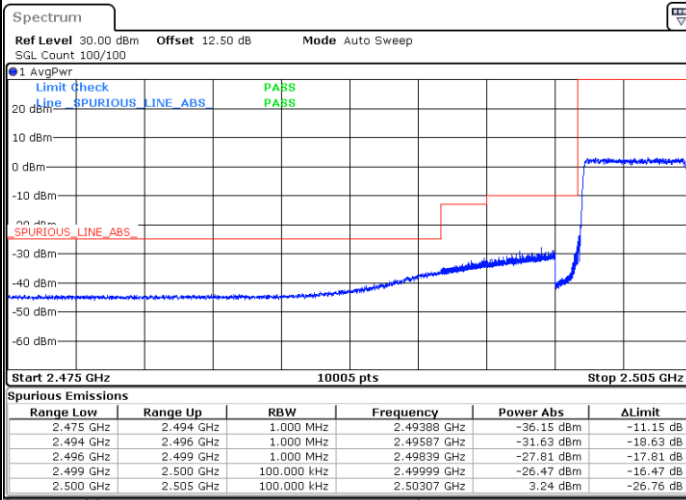
Date: 14.AUG.2022 00:33:29

Highest Band Edge / 1 RB



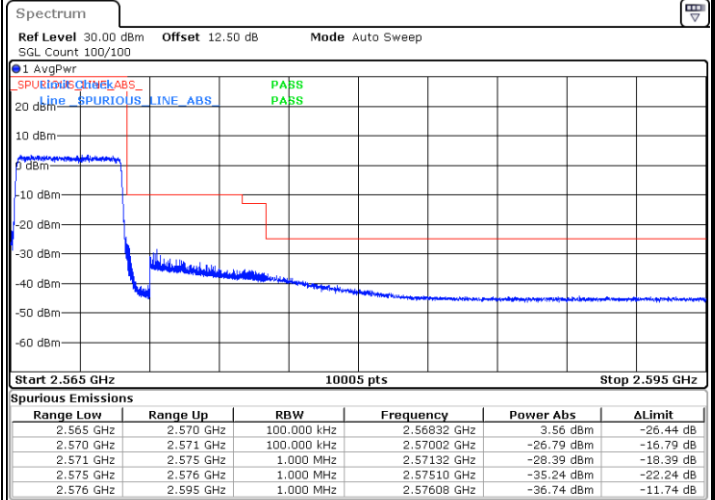
Date: 14.AUG.2022 00:36:45

Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:34:17

Highest Band Edge / Full RB

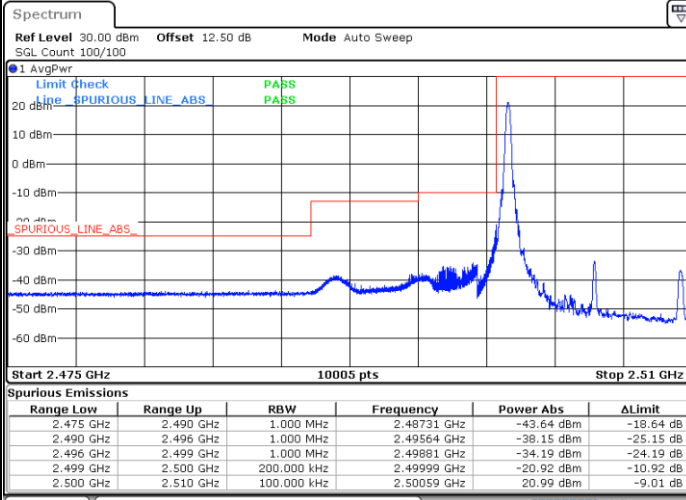


Date: 14.AUG.2022 00:37:32



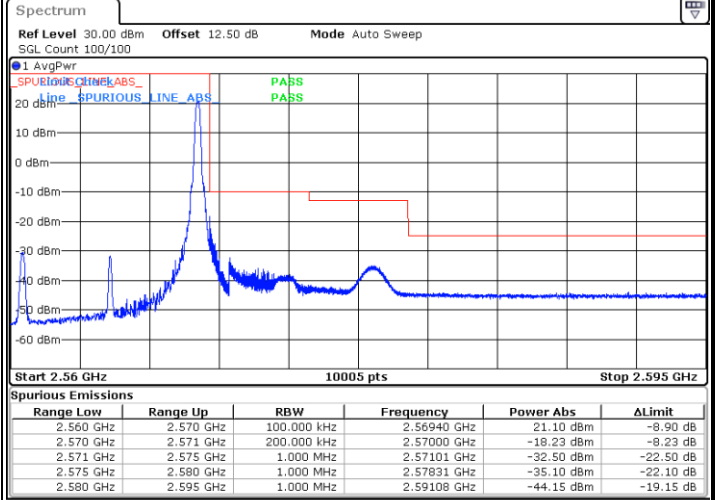
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



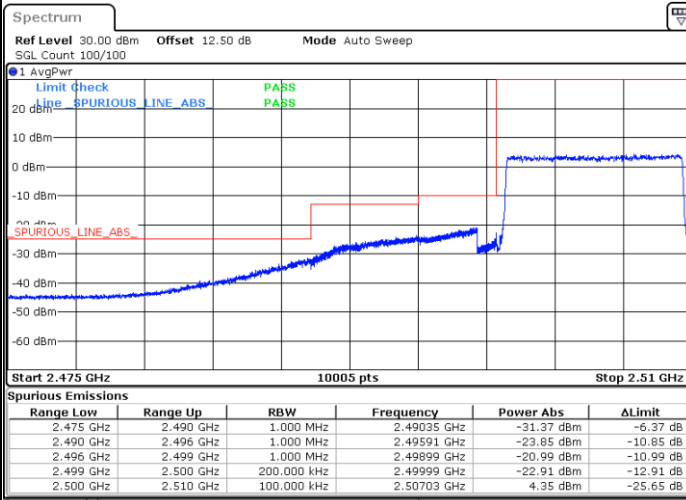
Date: 13.AUG.2022 23:31:19

Highest Band Edge / 1 RB



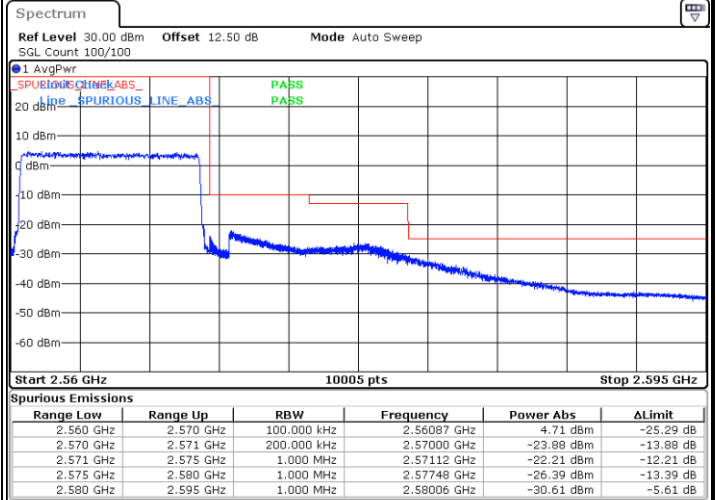
Date: 13.AUG.2022 23:38:50

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:32:59

Highest Band Edge / Full RB

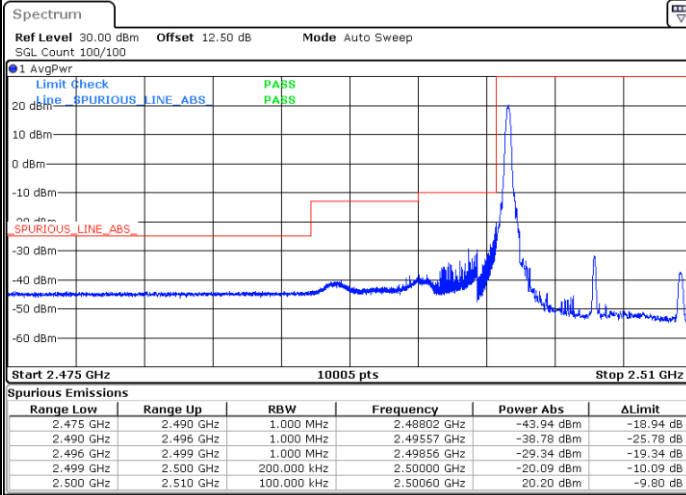


Date: 13.AUG.2022 23:40:30



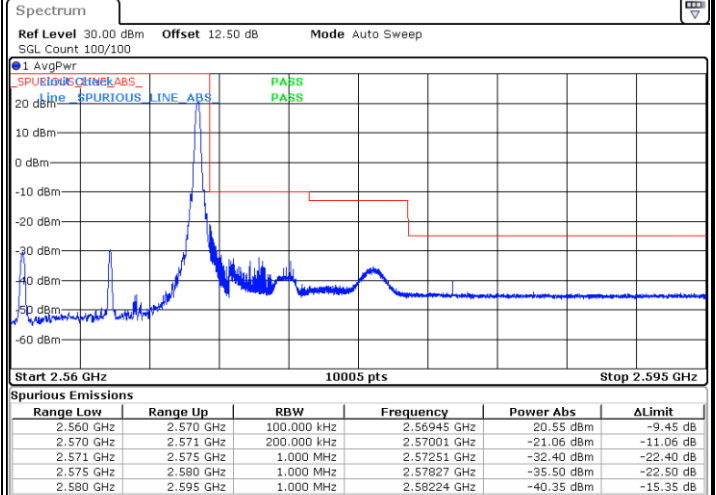
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



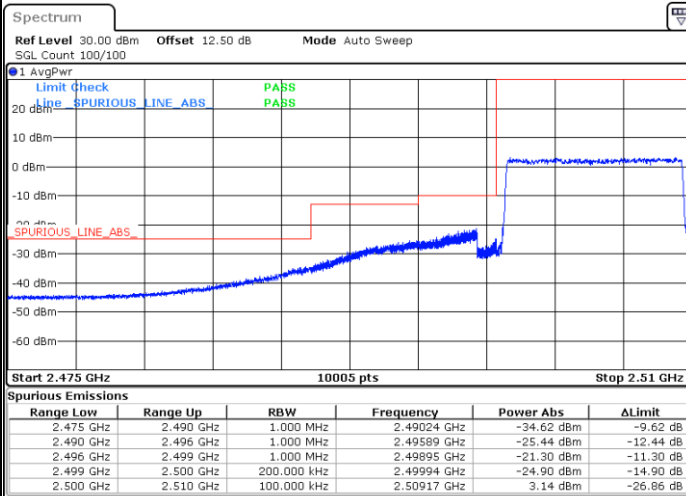
Date: 13.AUG.2022 23:32:09

Highest Band Edge / 1 RB



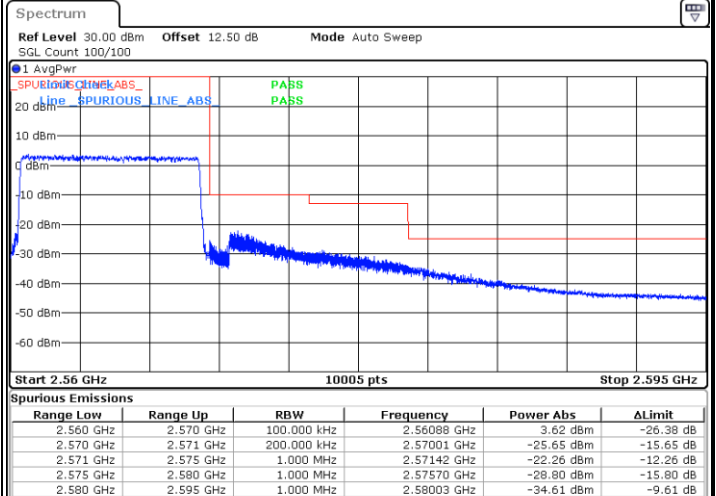
Date: 13.AUG.2022 23:39:40

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:33:49

Highest Band Edge / Full RB

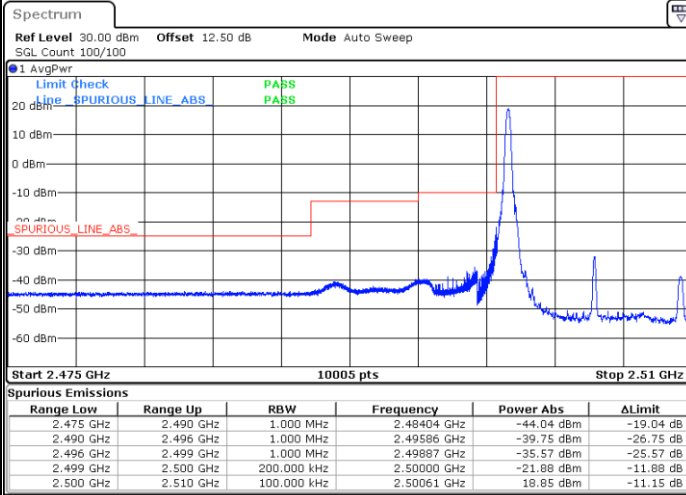


Date: 13.AUG.2022 23:41:20



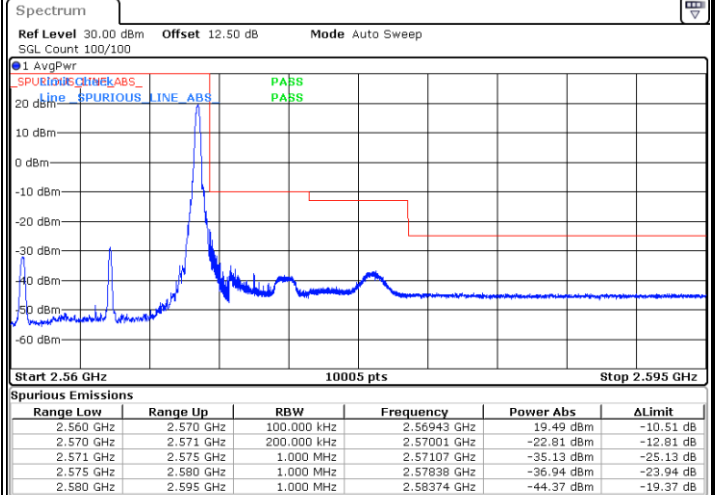
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



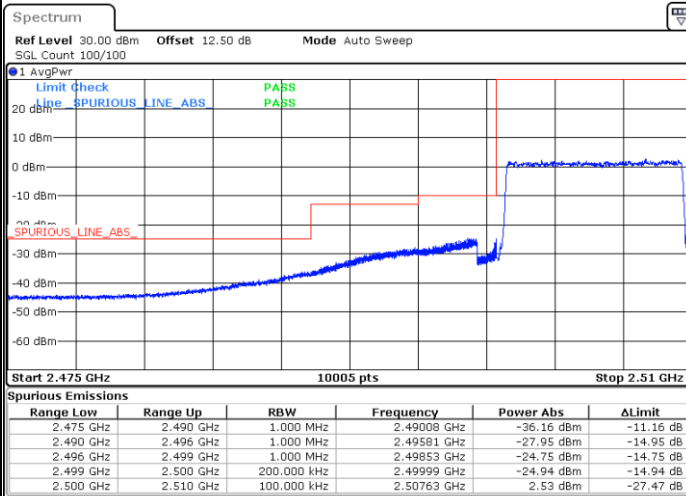
Date: 13.AUG.2022 23:43:18

Highest Band Edge / 1 RB



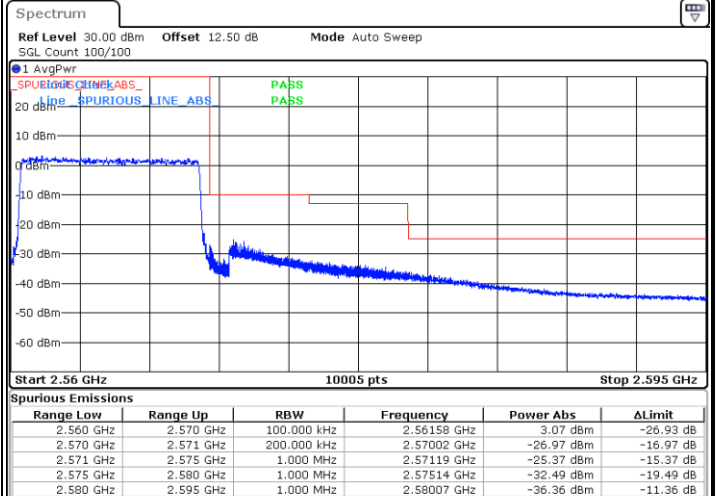
Date: 13.AUG.2022 23:45:40

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:44:08

Highest Band Edge / Full RB

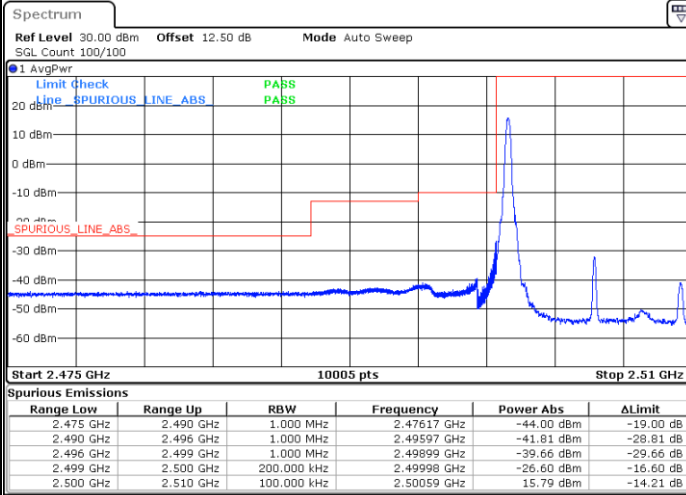


Date: 13.AUG.2022 23:46:30



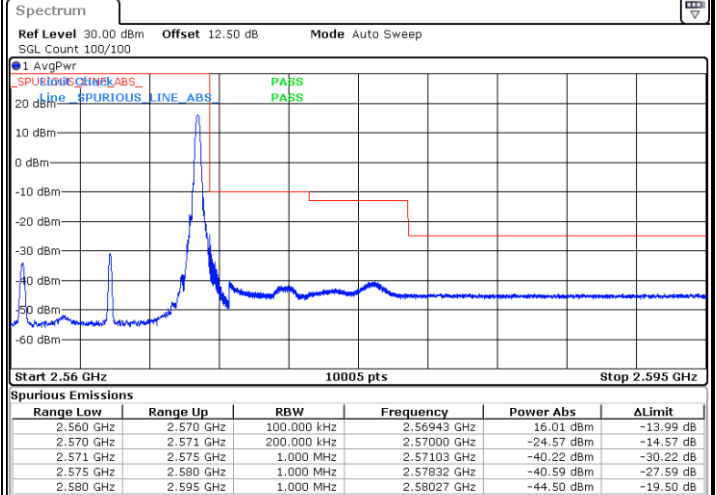
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



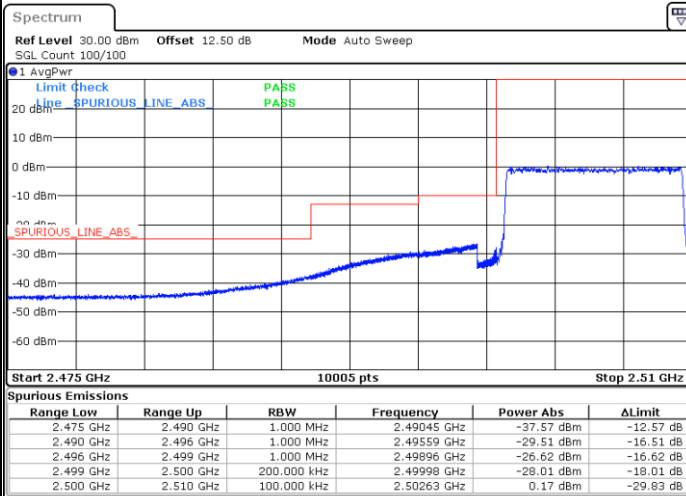
Date: 14.AUG.2022 00:56:33

Highest Band Edge / 1 RB



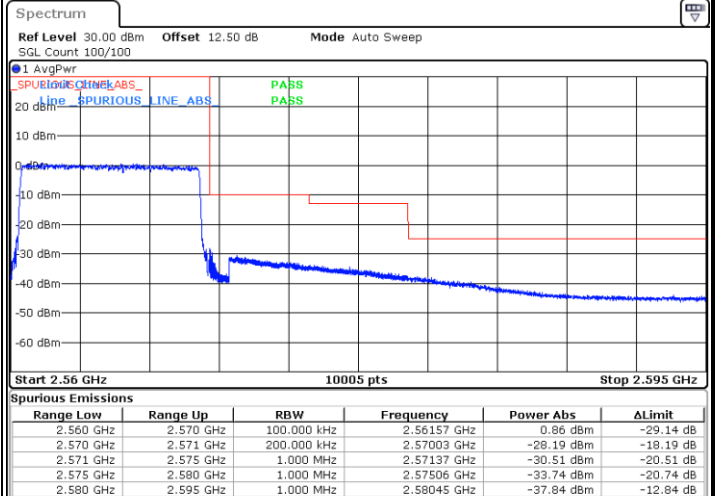
Date: 14.AUG.2022 01:03:22

Lowest Band Edge / Full RB



Date: 14.AUG.2022 01:00:20

Highest Band Edge / Full RB

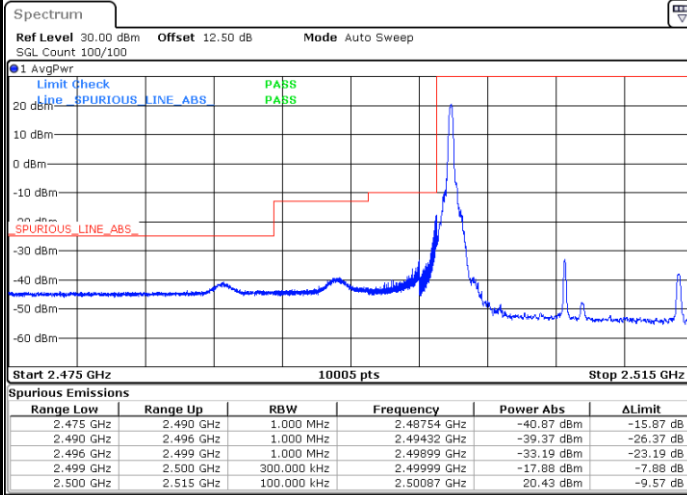


Date: 14.AUG.2022 01:04:06



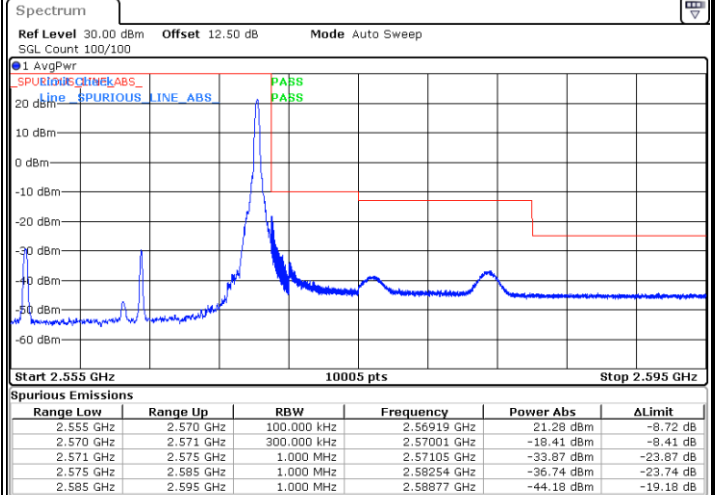
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



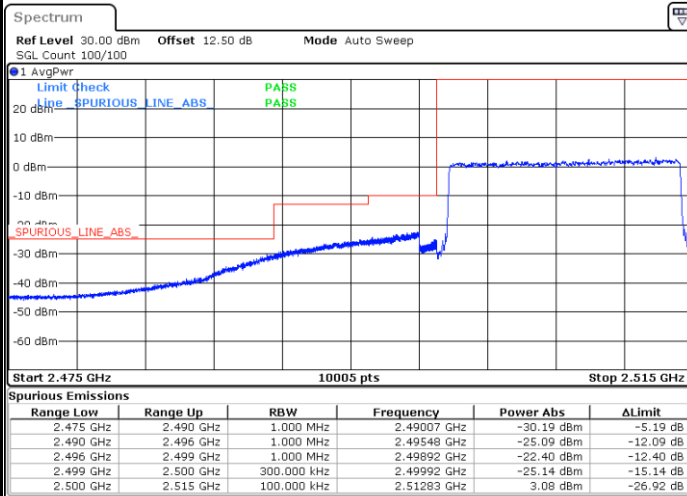
Date: 13.AUG.2022 23:47:26

Highest Band Edge / 1 RB



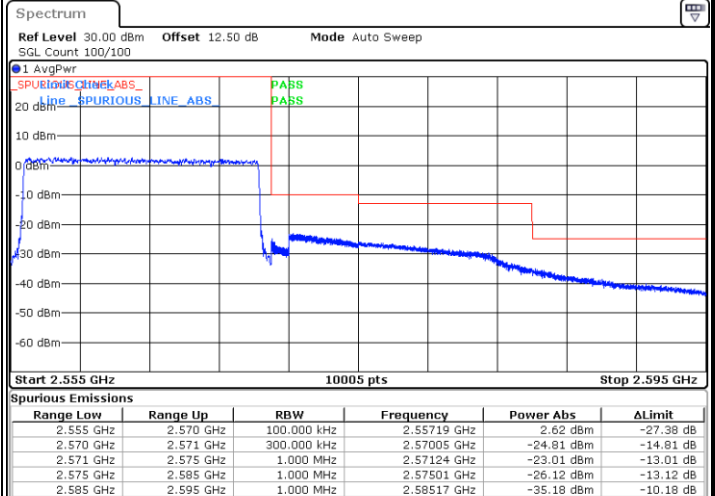
Date: 13.AUG.2022 23:54:58

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:49:07

Highest Band Edge / Full RB

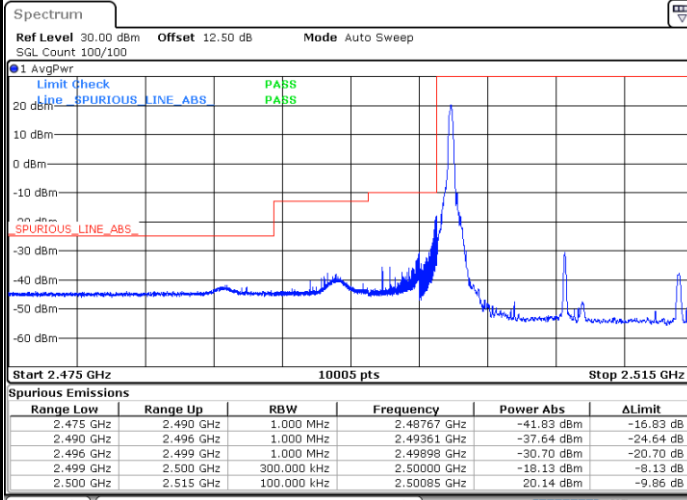


Date: 13.AUG.2022 23:56:38



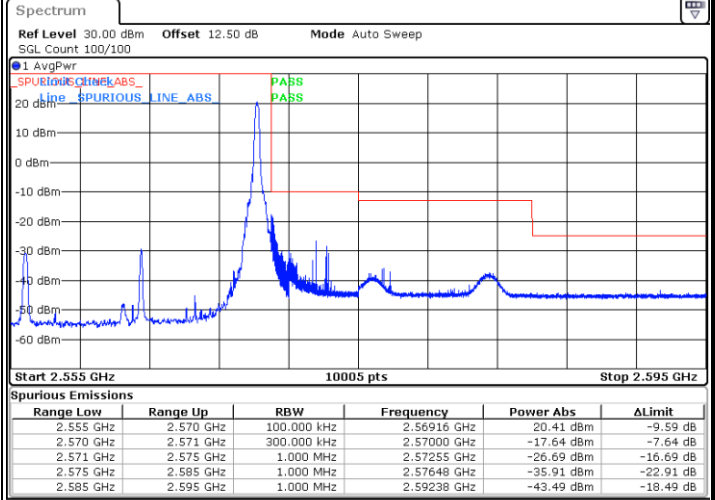
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



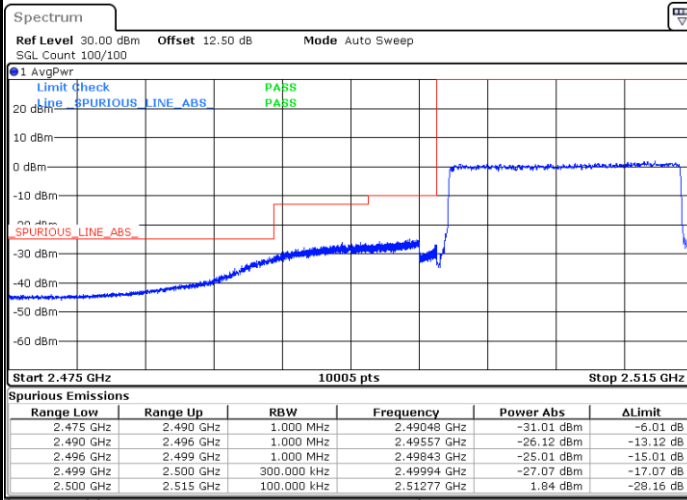
Date: 13.AUG.2022 23:48:16

Highest Band Edge / 1 RB



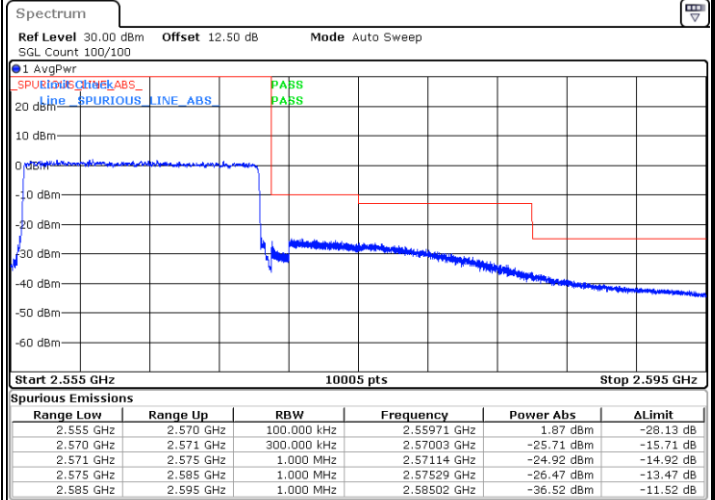
Date: 13.AUG.2022 23:55:48

Lowest Band Edge / Full RB



Date: 13.AUG.2022 23:49:57

Highest Band Edge / Full RB

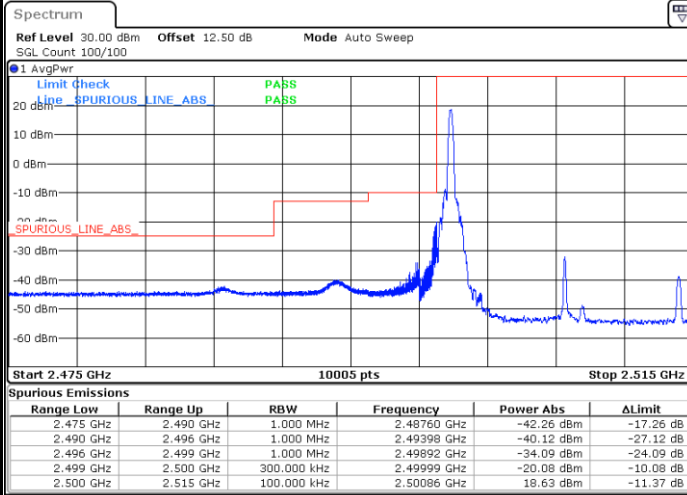


Date: 13.AUG.2022 23:57:28



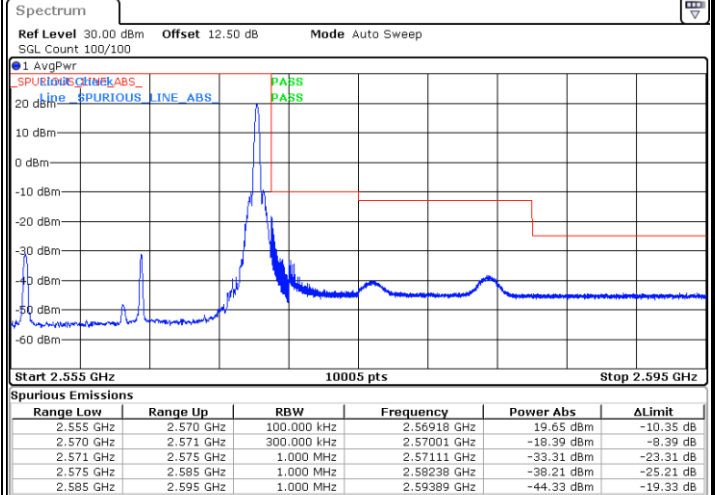
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



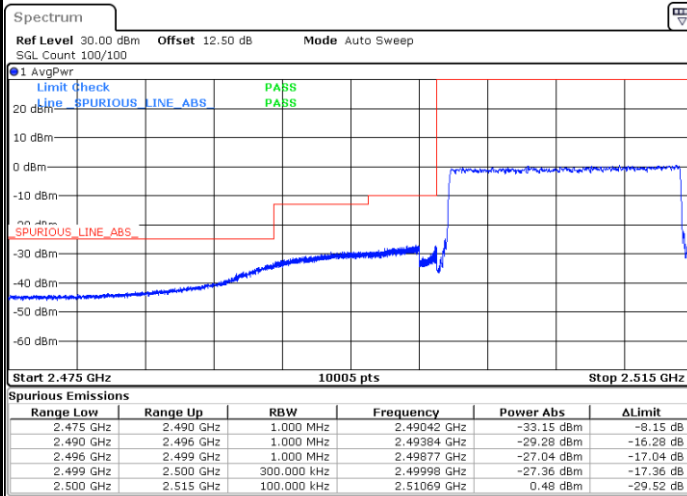
Date: 13.AUG.2022 23:59:26

Highest Band Edge / 1 RB



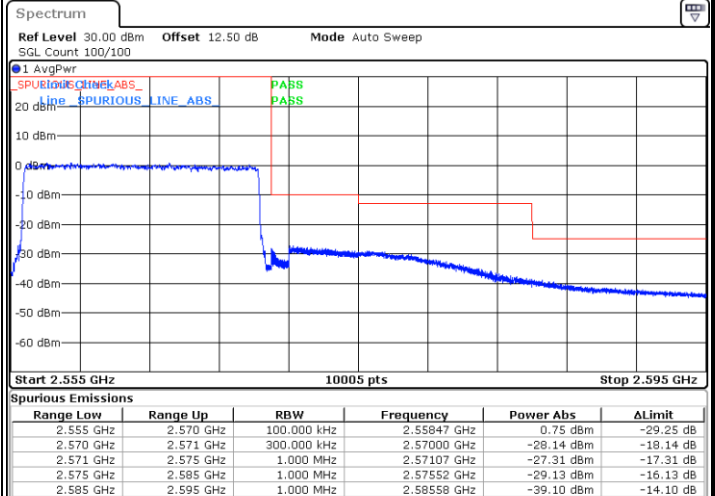
Date: 14.AUG.2022 00:01:50

Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:00:16

Highest Band Edge / Full RB

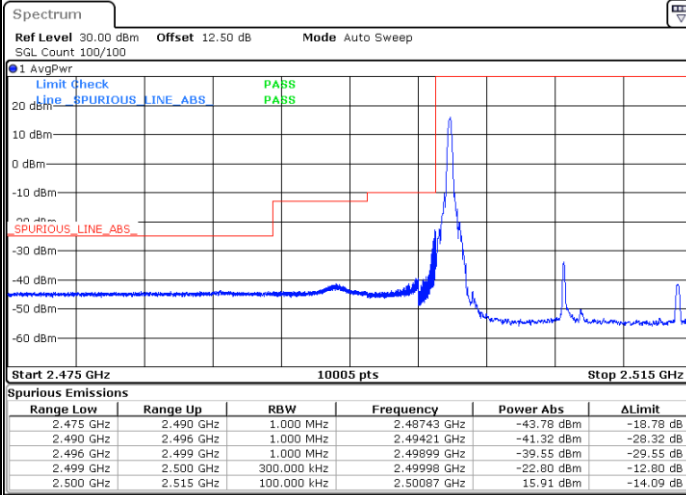


Date: 14.AUG.2022 00:02:40



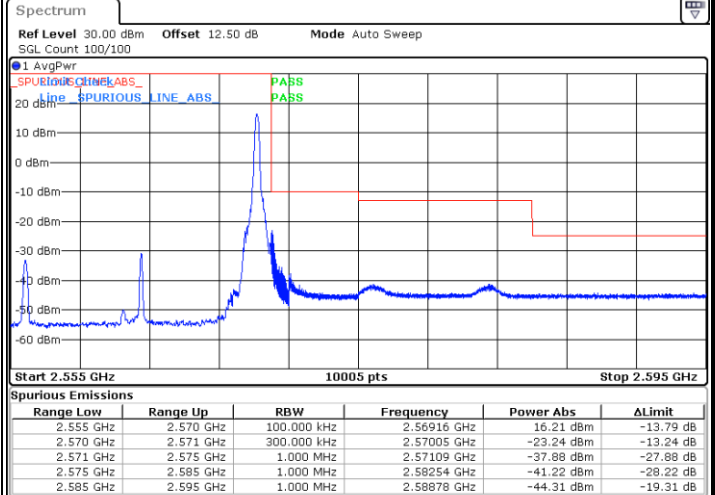
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



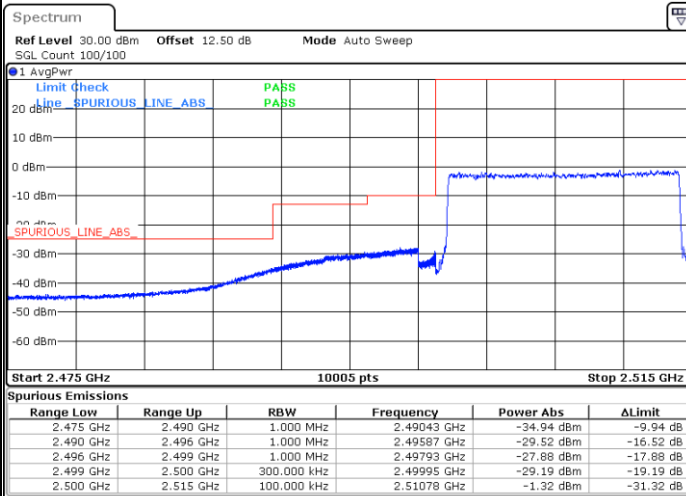
Date: 14.AUG.2022 01:58:40

Highest Band Edge / 1 RB



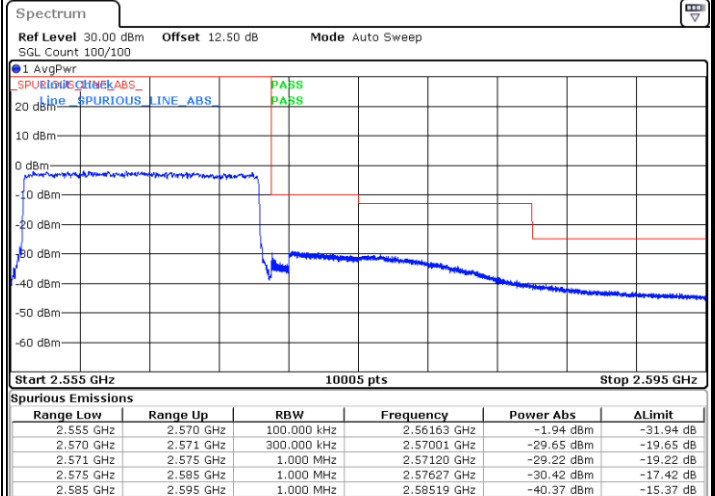
Date: 14.AUG.2022 01:55:54

Lowest Band Edge / Full RB



Date: 14.AUG.2022 01:06:59

Highest Band Edge / Full RB

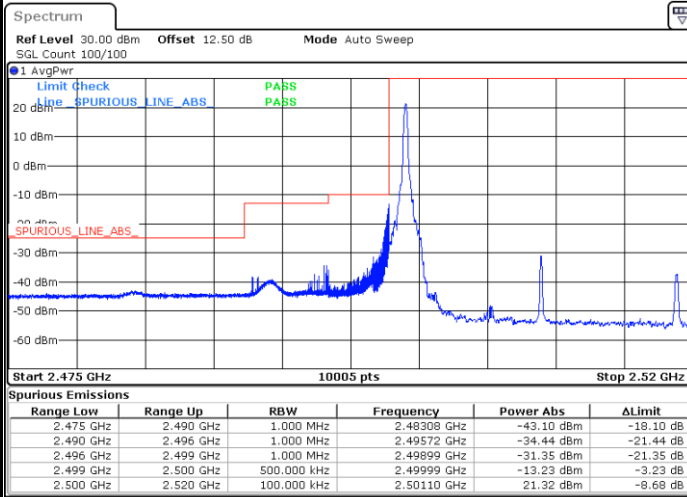


Date: 14.AUG.2022 01:10:57



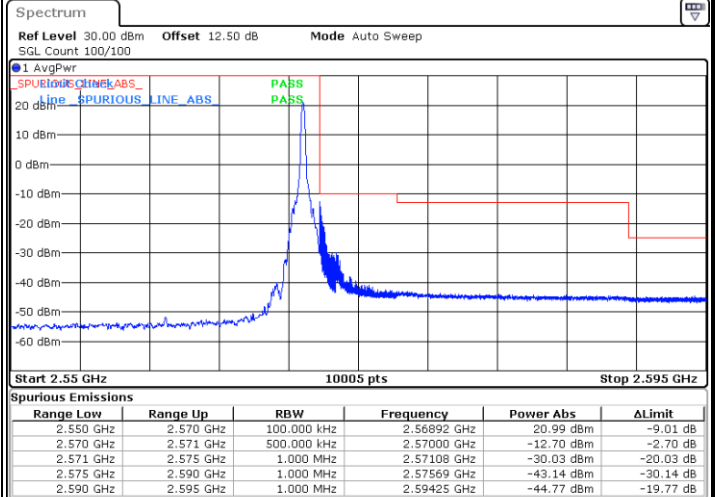
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



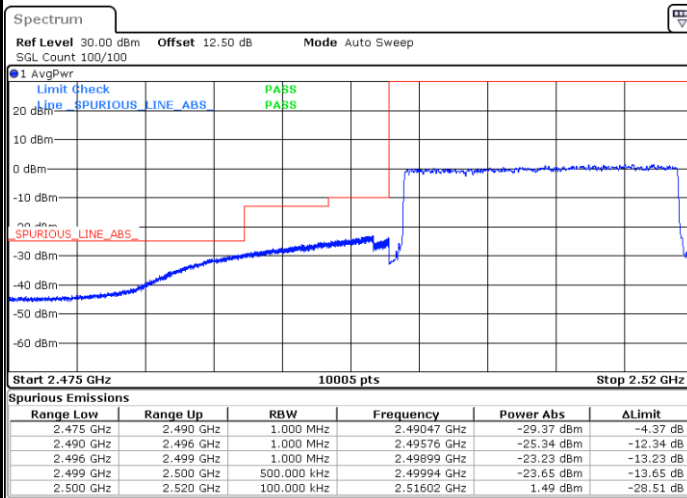
Date: 14.AUG.2022 00:12:50

Highest Band Edge / 1 RB



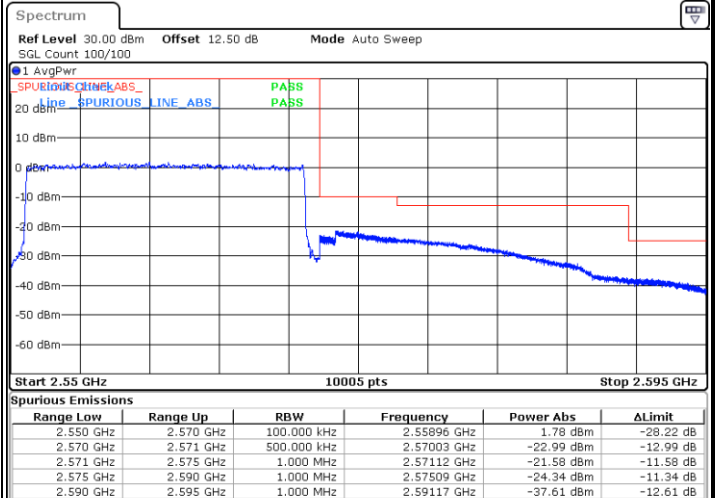
Date: 14.AUG.2022 00:25:38

Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:20:30

Highest Band Edge / Full RB

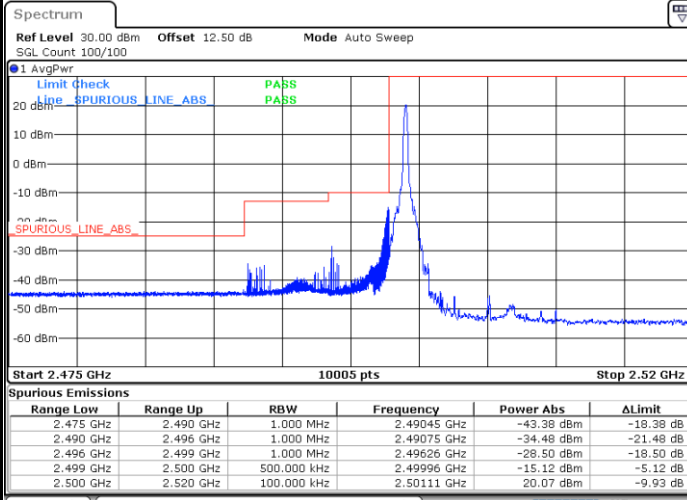


Date: 14.AUG.2022 00:27:53



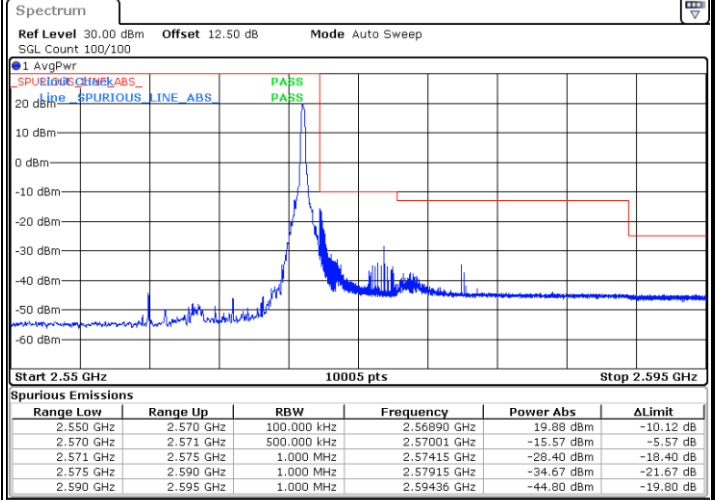
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



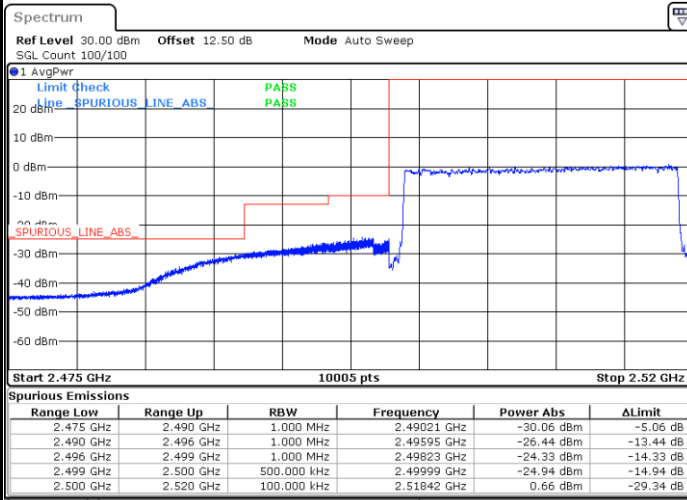
Date: 14.AUG.2022 00:19:45

Highest Band Edge / 1 RB



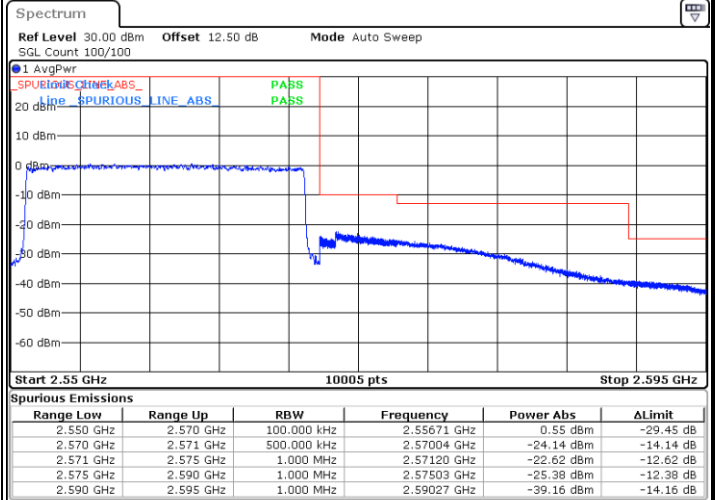
Date: 14.AUG.2022 00:26:23

Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:21:14

Highest Band Edge / Full RB

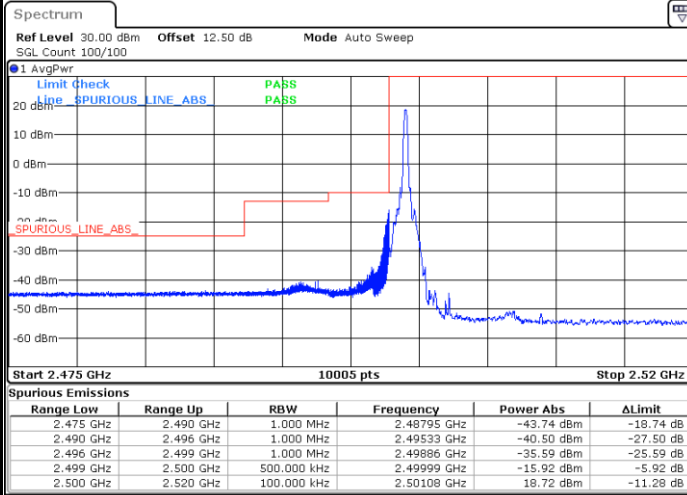


Date: 14.AUG.2022 00:27:08



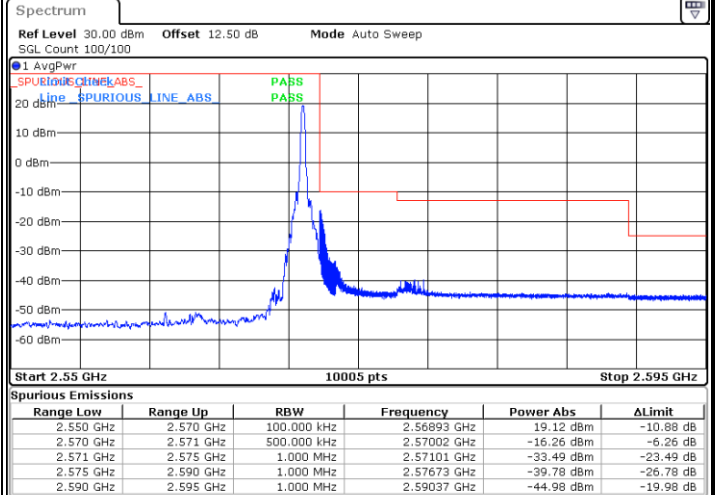
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



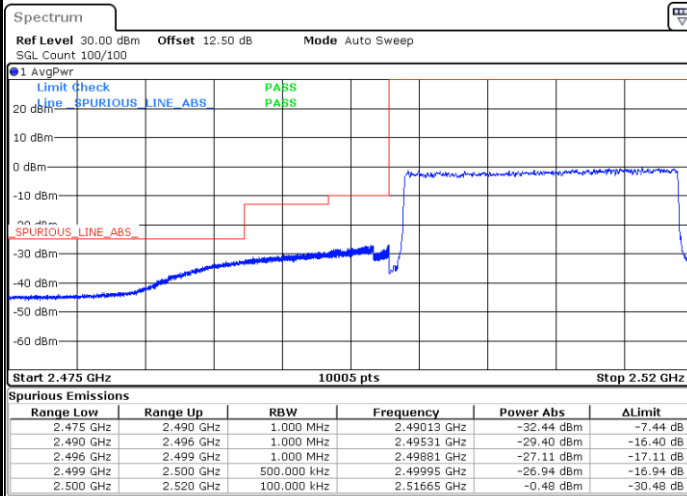
Date: 14.AUG.2022 00:29:40

Highest Band Edge / 1 RB



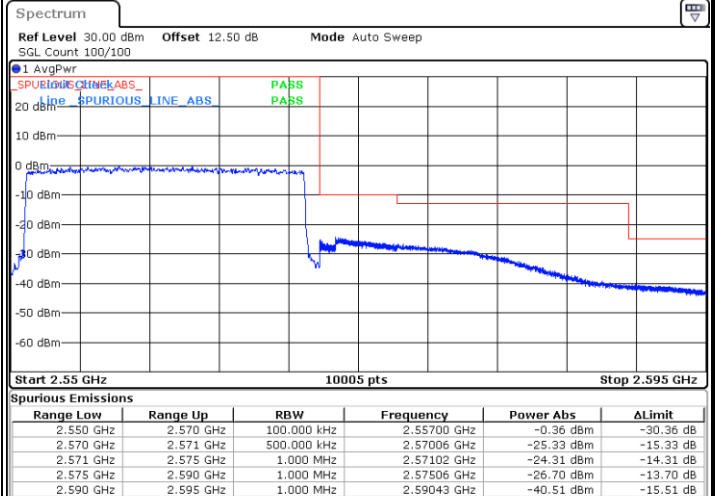
Date: 14.AUG.2022 00:31:58

Lowest Band Edge / Full RB



Date: 14.AUG.2022 00:30:25

Highest Band Edge / Full RB

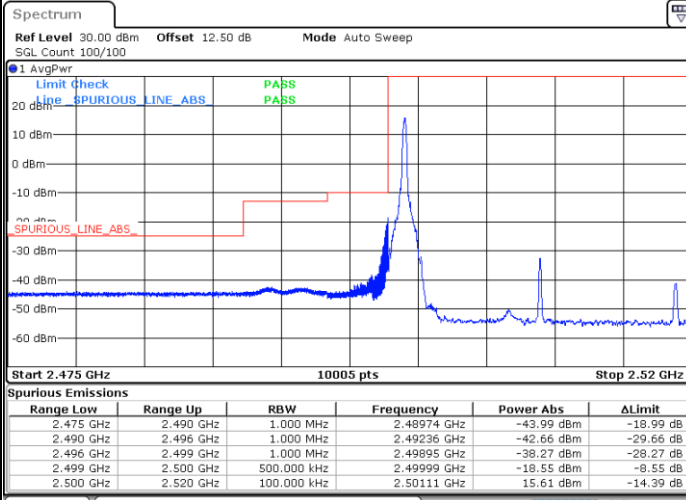


Date: 14.AUG.2022 00:32:43



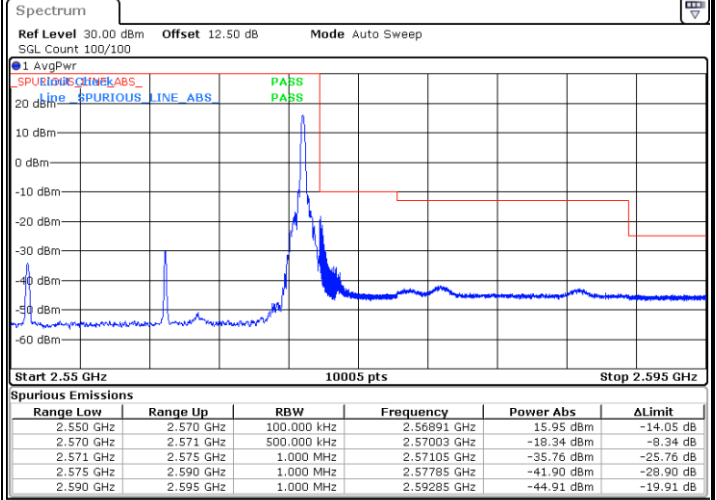
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



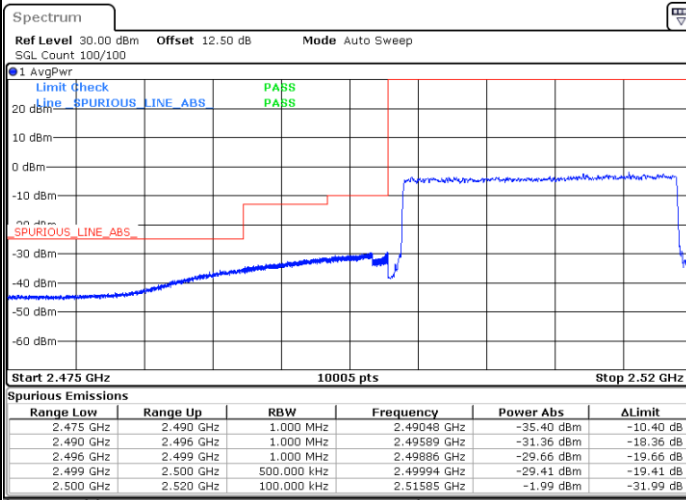
Date: 14.AUG.2022 01:11:45

Highest Band Edge / 1 RB



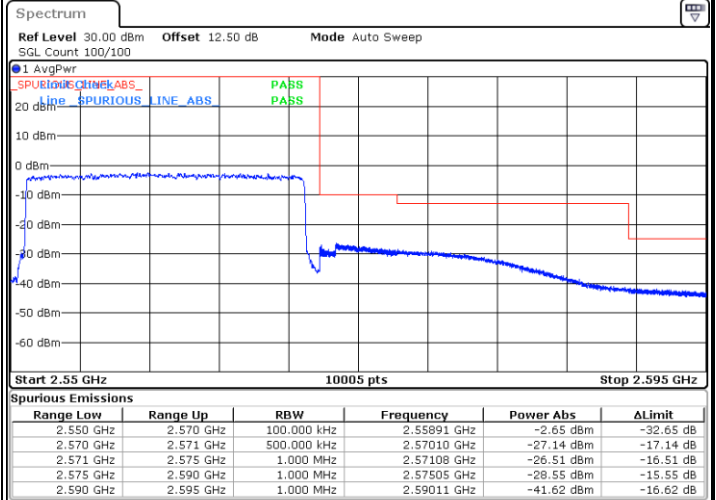
Date: 14.AUG.2022 01:15:46

Lowest Band Edge / Full RB



Date: 14.AUG.2022 01:12:30

Highest Band Edge / Full RB



Date: 14.AUG.2022 01:26:09

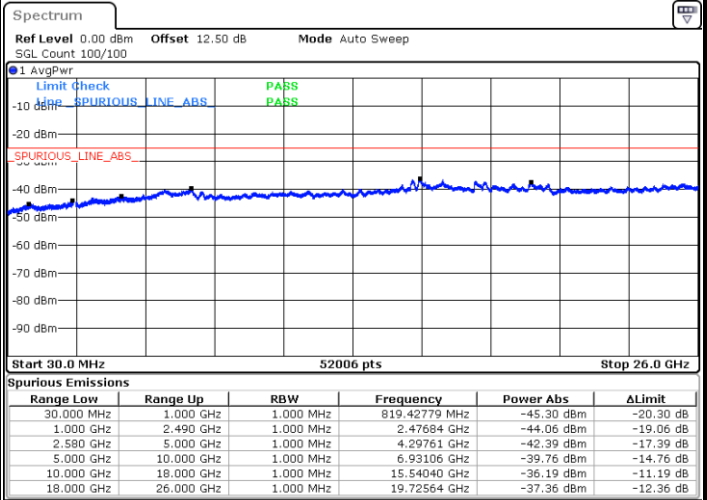
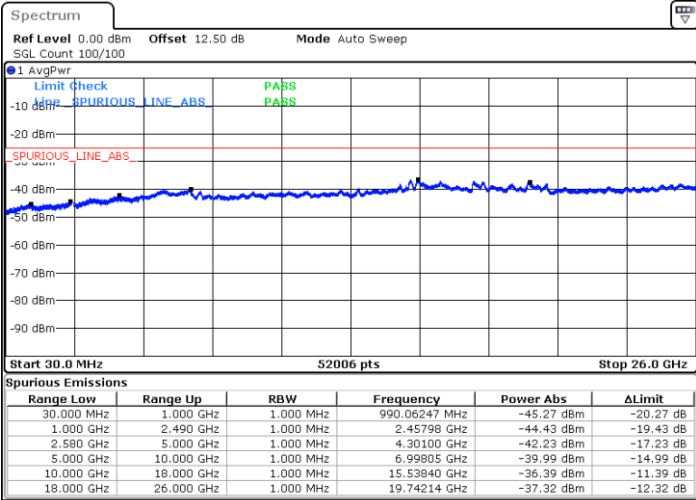


Conducted Spurious Emission

LTE Band 7 / 5MHz

Lowest Channel / QPSK

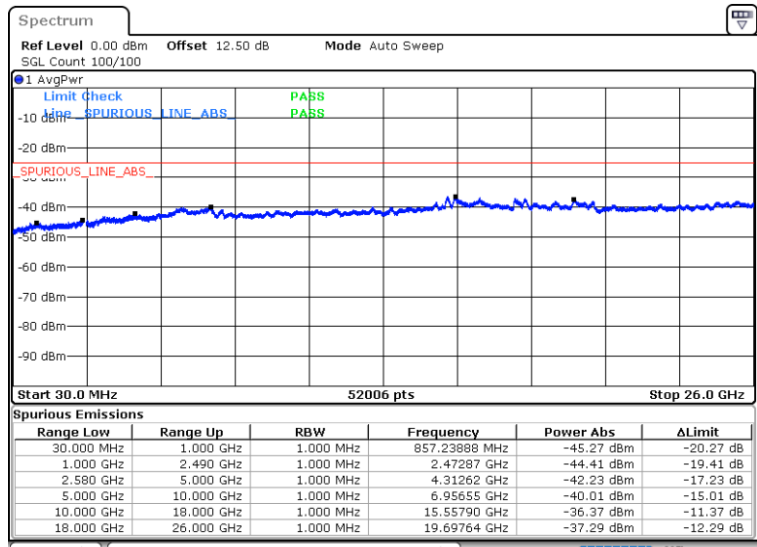
Middle Channel / QPSK



Date: 13.AUG.2022 23:18:50

Date: 13.AUG.2022 23:21:53

Highest Channel / QPSK



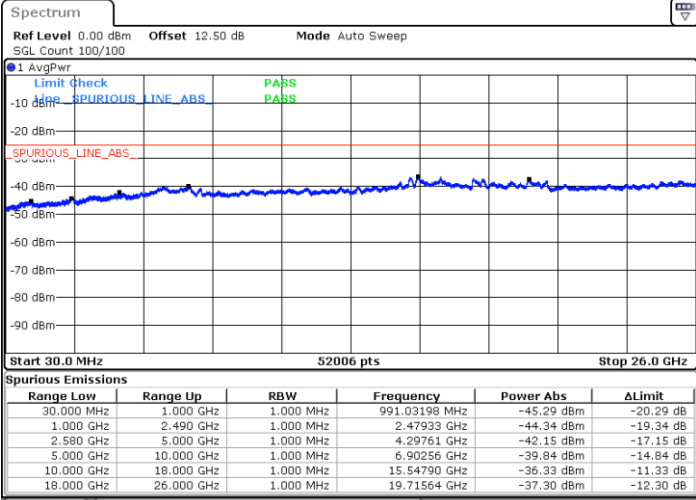
Date: 13.AUG.2022 23:26:21



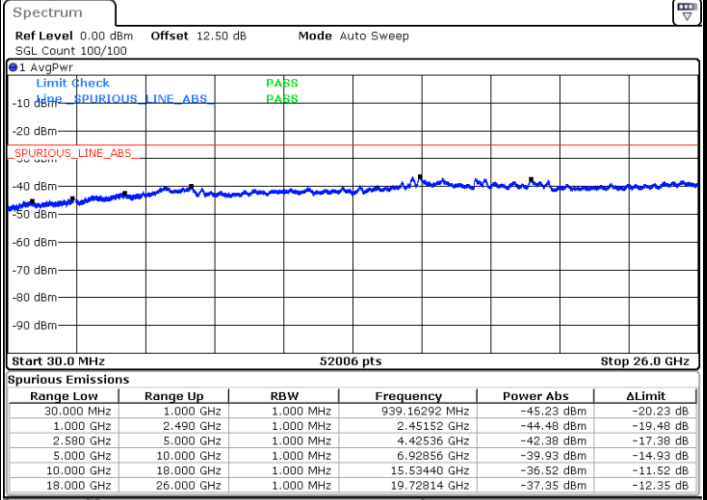
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

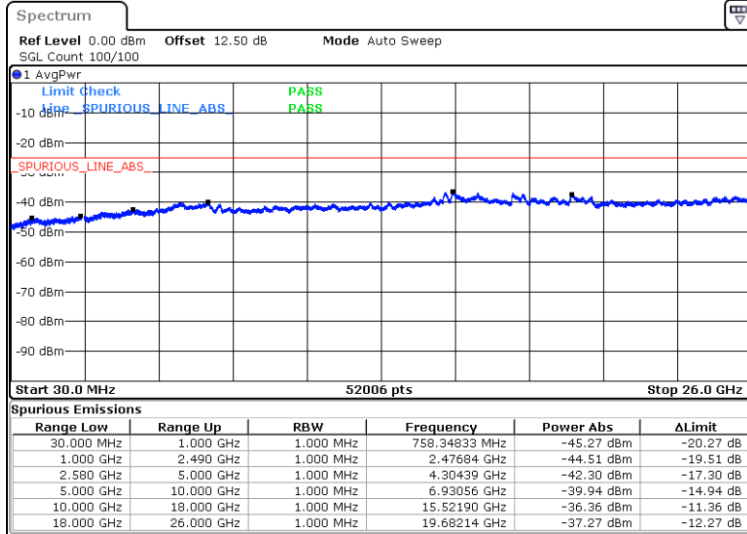


Date: 13.AUG.2022 23:34:58



Date: 13.AUG.2022 23:38:01

Highest Channel / QPSK



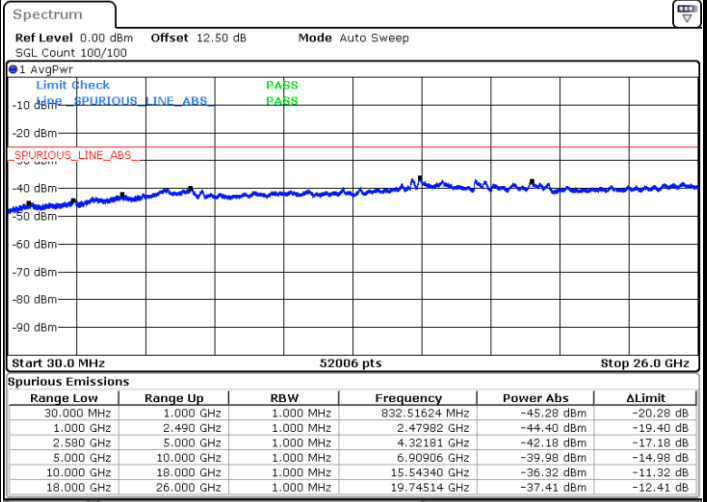
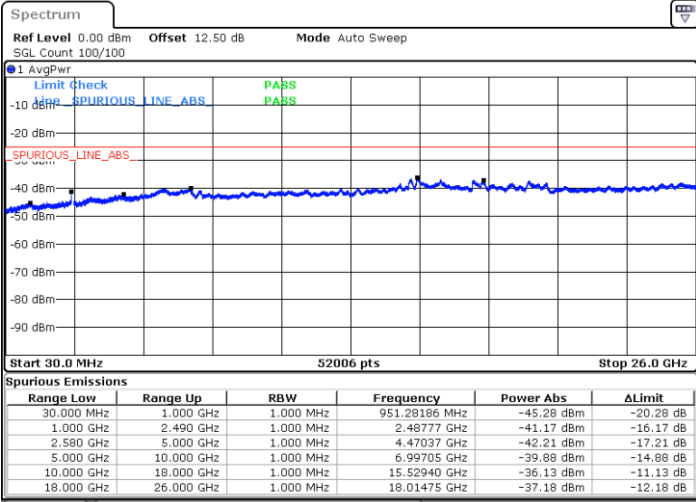
Date: 13.AUG.2022 23:42:29



LTE Band 7 / 15MHz

Lowest Channel / QPSK

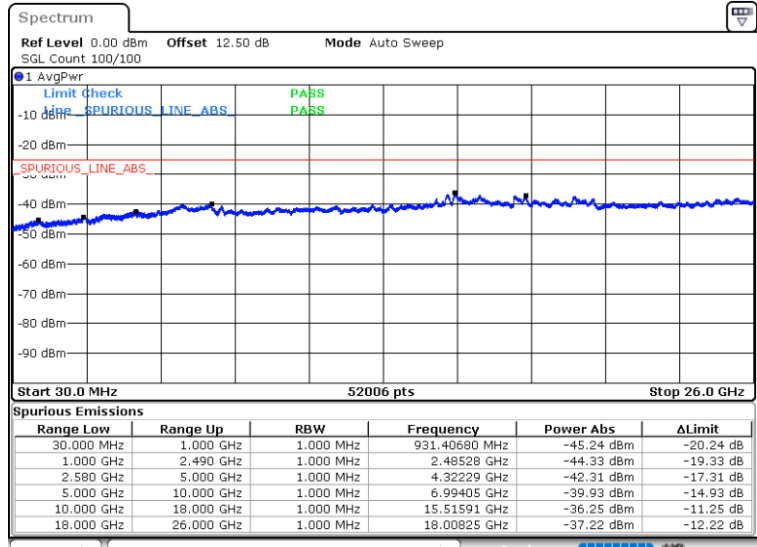
Middle Channel / QPSK



Date: 13.AUG.2022 23:51:06

Date: 13.AUG.2022 23:54:09

Highest Channel / QPSK



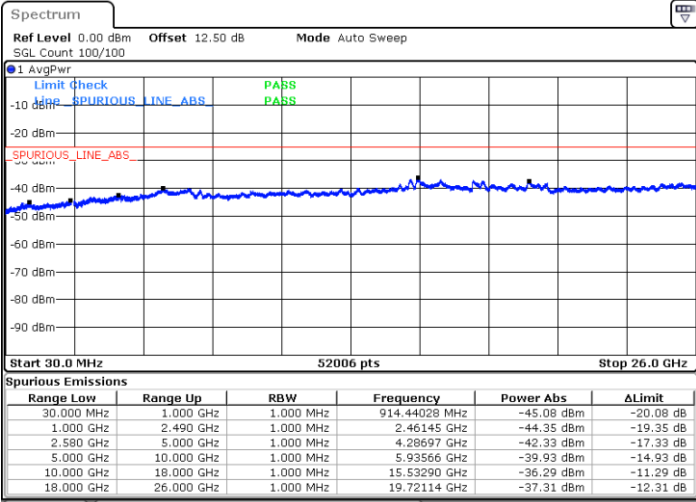
Date: 13.AUG.2022 23:58:37



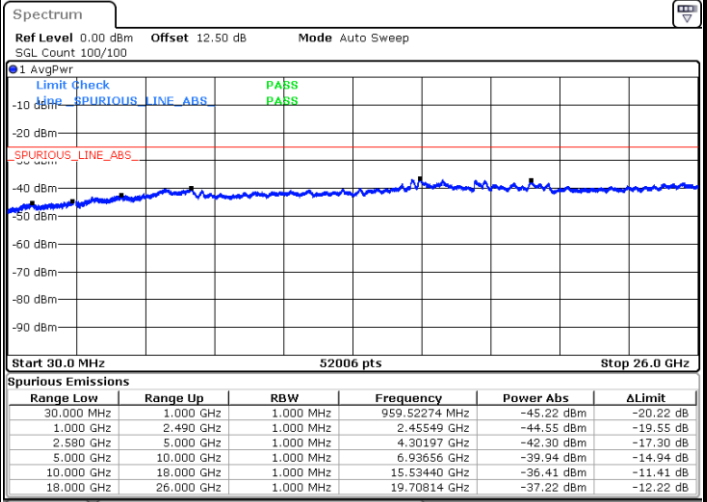
LTE Band 7 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

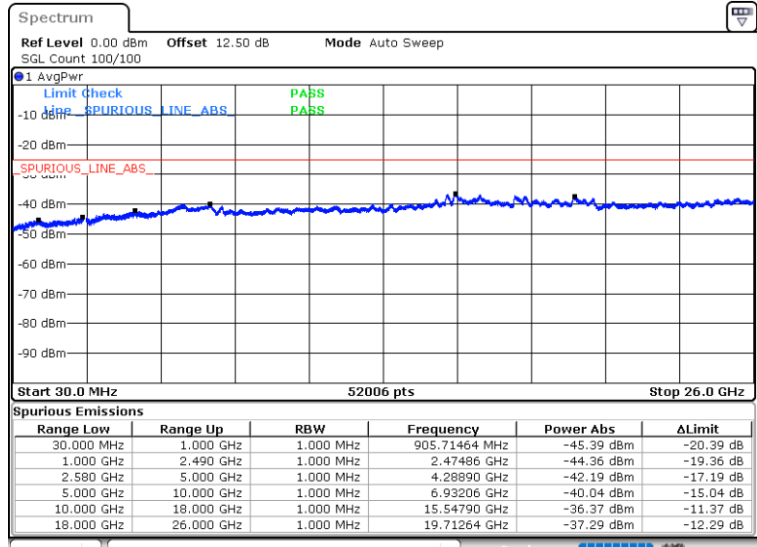


Date: 14.AUG.2022 00:22:19



Date: 14.AUG.2022 00:24:55

Highest Channel / QPSK



Date: 14.AUG.2022 00:28:56



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0000	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0004	
0	Normal Voltage	0.0017	
-10	Normal Voltage	0.0041	
-20	Normal Voltage	0.0003	
-30	Normal Voltage	0.0035	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0030	

Note:

- 1. Normal Voltage = 3.3 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 4.4 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7C

26dB Bandwidth

Mode	LTE Band 7C : 26dB BW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	30.21	25.33	30.69	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	34.97	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.33	30.51	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.83	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.91	25.28	30.63	34.76
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	39.80	

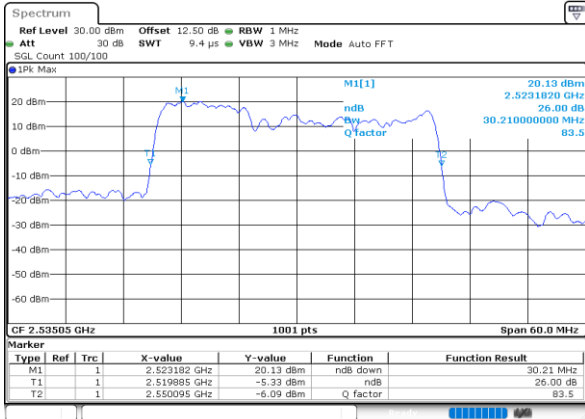
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.67	25.28	30.45	34.97
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.15	35.04	39.80	



LTE Band 7C

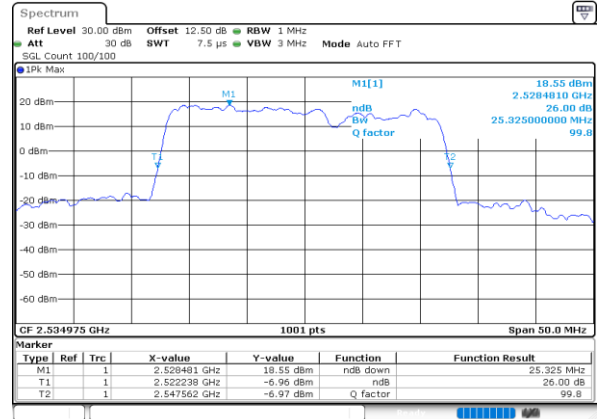
QPSK

Middle Channel / 10MHz+20MHz



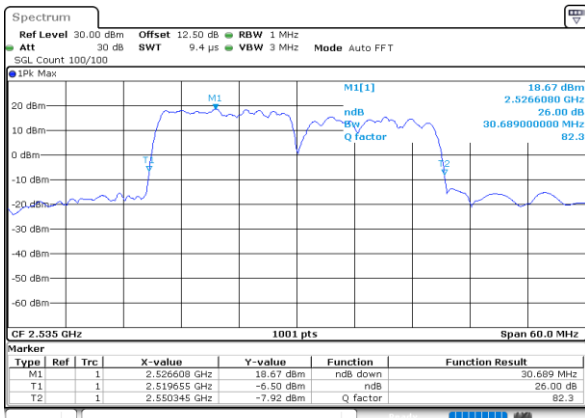
Date: 7,SEP,2022 19:13:51

Middle Channel / 15MHz+10MHz



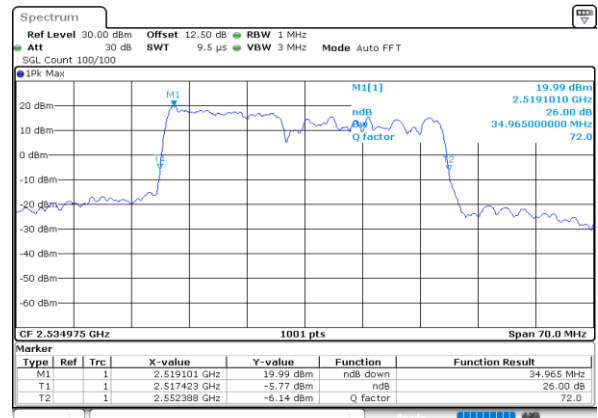
Date: 6,SEP,2022 03:29:59

Middle Channel / 15MHz+15MHz



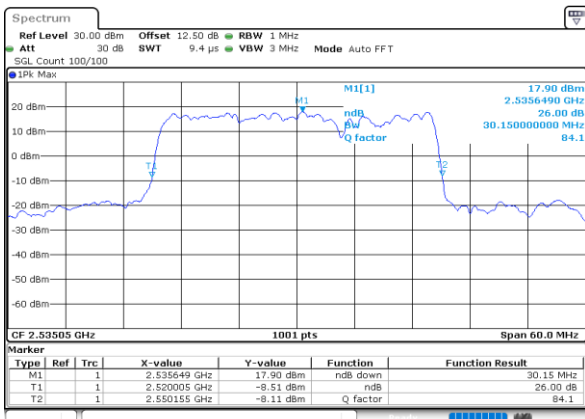
Date: 7,SEP,2022 22:12:54

Middle Channel / 15MHz+20MHz



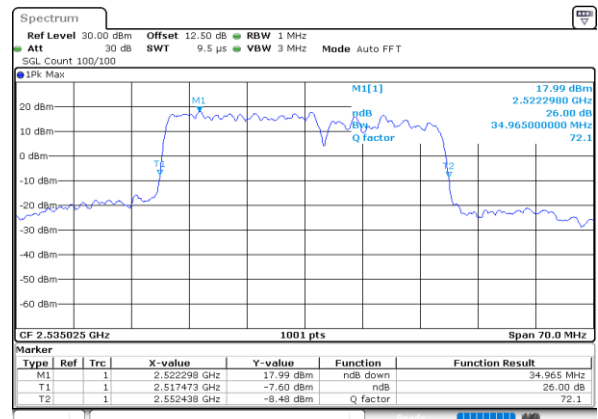
Date: 6,SEP,2022 01:00:35

Middle Channel / 20MHz+10MHz



Date: 7,SEP,2022 20:08:15

Middle Channel / 20MHz+15MHz



Date: 6,SEP,2022 01:37:59

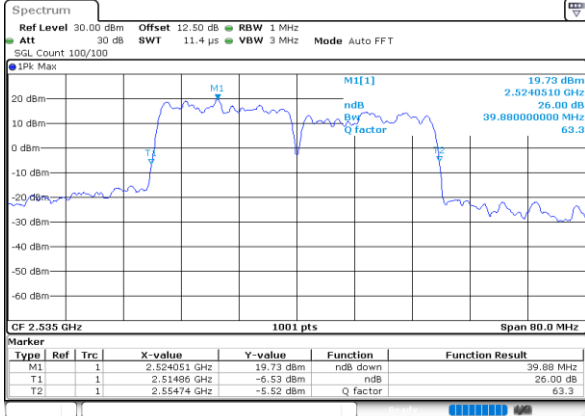


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

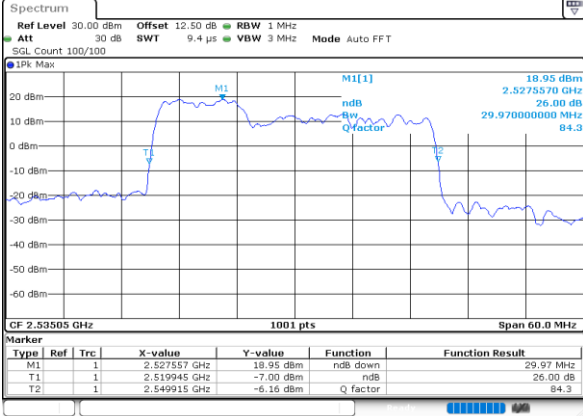




LTE Band 7C

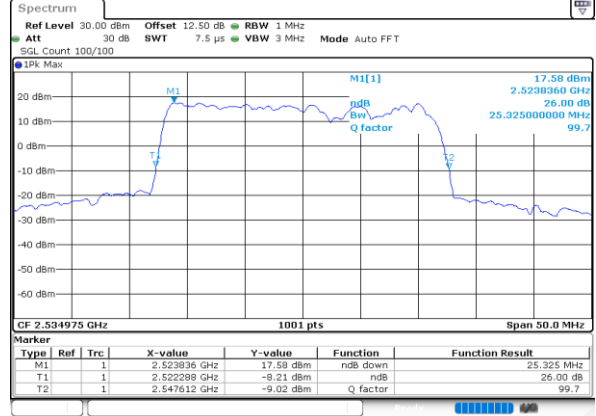
16QAM

Middle Channel / 10MHz+20MHz



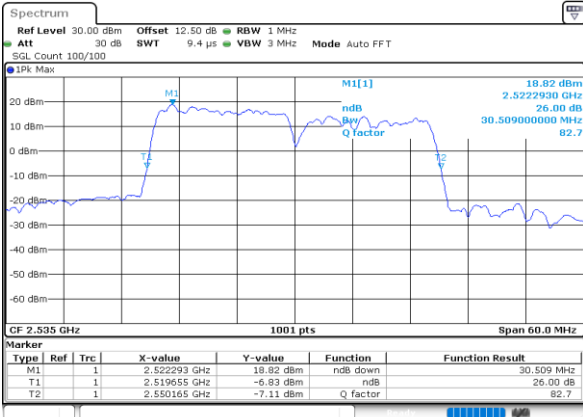
Date: 7. SEP. 2022 19:13:13

Middle Channel / 15MHz+10MHz



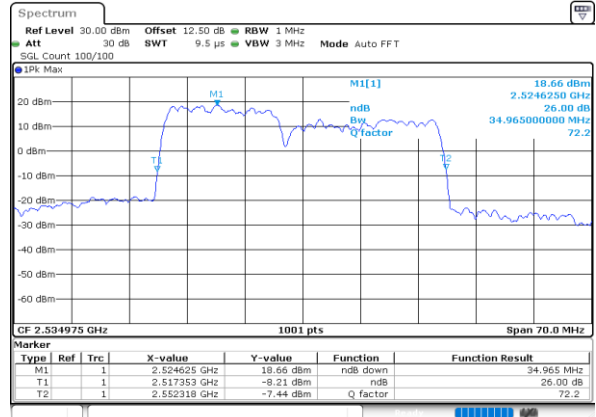
Date: 6. SEP. 2022 03:29:32

Middle Channel / 15MHz+15MHz



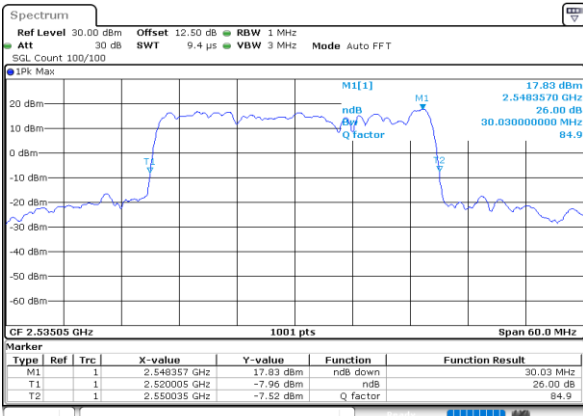
Date: 7. SEP. 2022 22:12:17

Middle Channel / 15MHz+20MHz



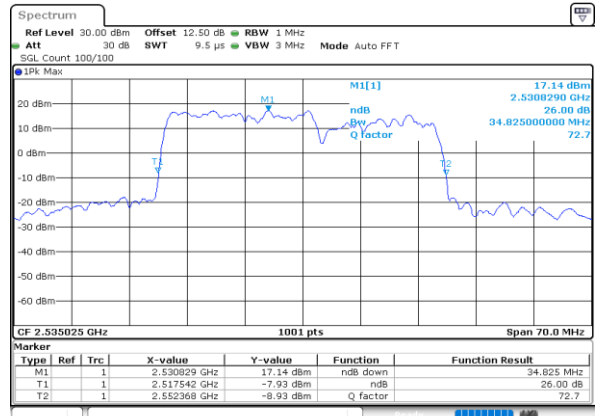
Date: 6. SEP. 2022 01:00:07

Middle Channel / 20MHz+10MHz



Date: 7. SEP. 2022 20:07:48

Middle Channel / 20MHz+15MHz



Date: 6. SEP. 2022 01:37:32



LTE Band 7C

16QAM

Middle Channel / 20MHz+20MHz

N/A

