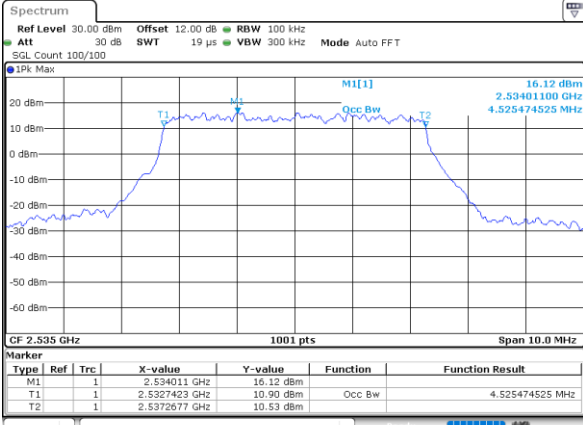




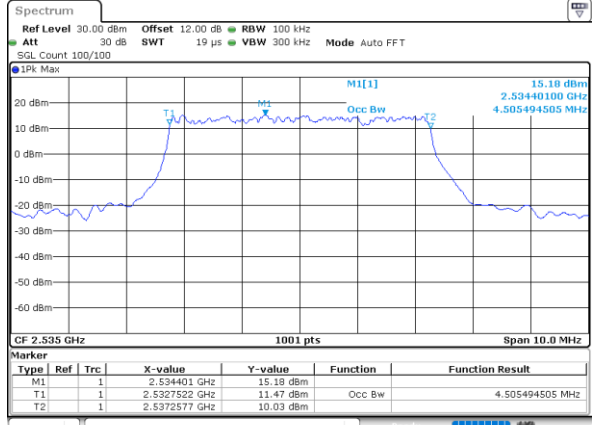
LTE Band 7

Middle Channel / 5MHz / QPSK



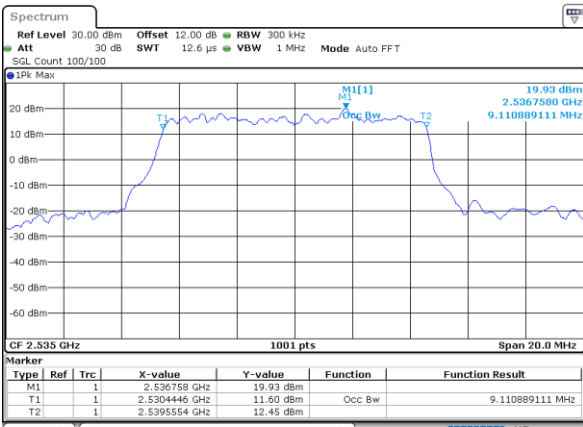
Date: 27_SEP.2022 15:17:26

Middle Channel / 5MHz / 16QAM



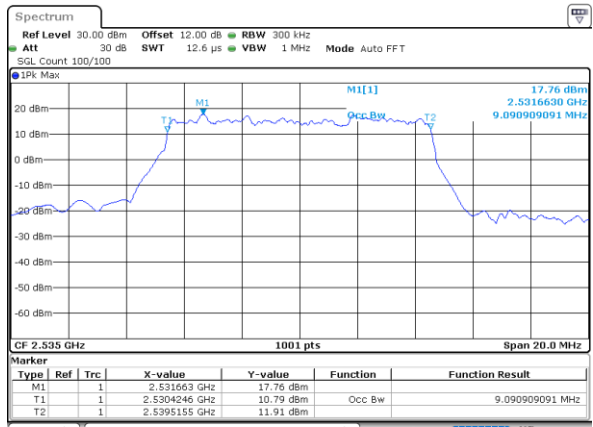
Date: 27_SEP.2022 15:17:54

Middle Channel / 10MHz / QPSK



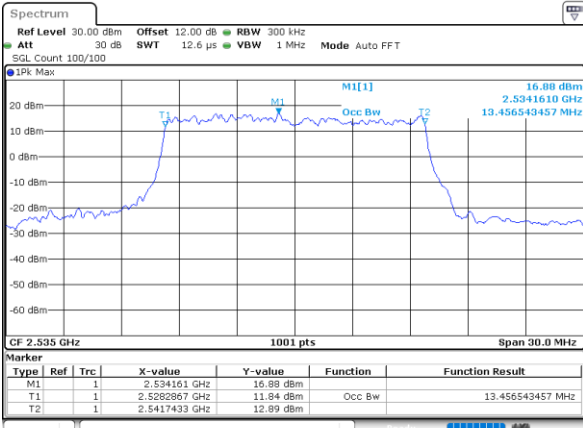
Date: 27_SEP.2022 16:07:42

Middle Channel / 10MHz / 16QAM



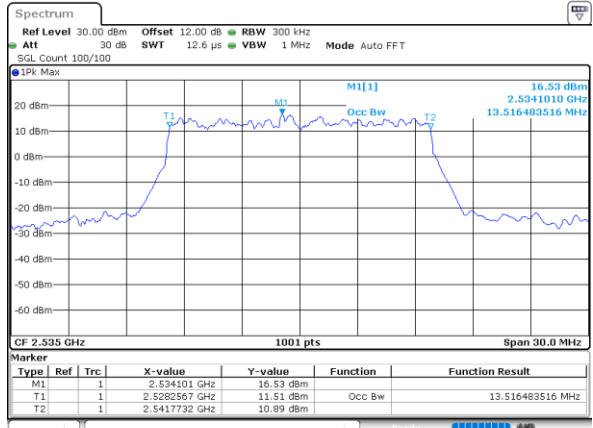
Date: 27_SEP.2022 16:08:11

Middle Channel / 15MHz / QPSK



Date: 27_SEP.2022 16:26:35

Middle Channel / 15MHz / 16QAM

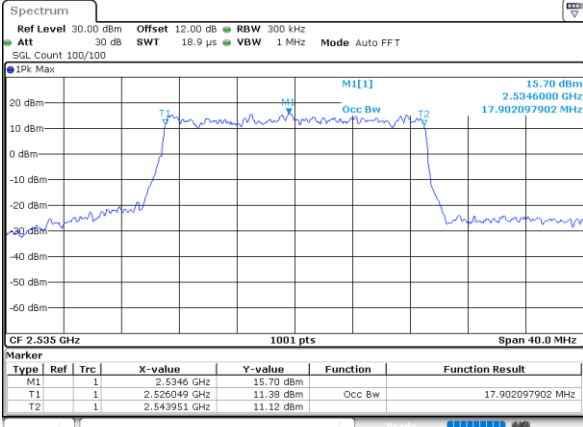


Date: 27_SEP.2022 16:27:04



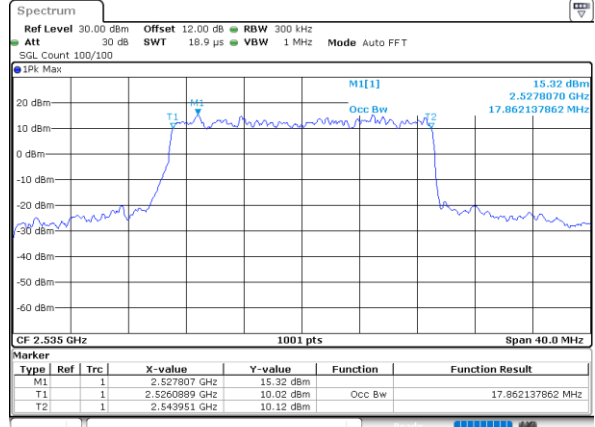
LTE Band 7

Middle Channel / 20MHz / QPSK



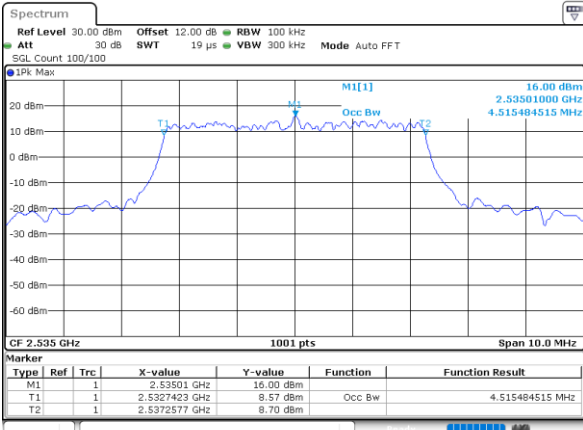
Date: 27_SEP.2022 16:45:29

Middle Channel / 20MHz / 16QAM



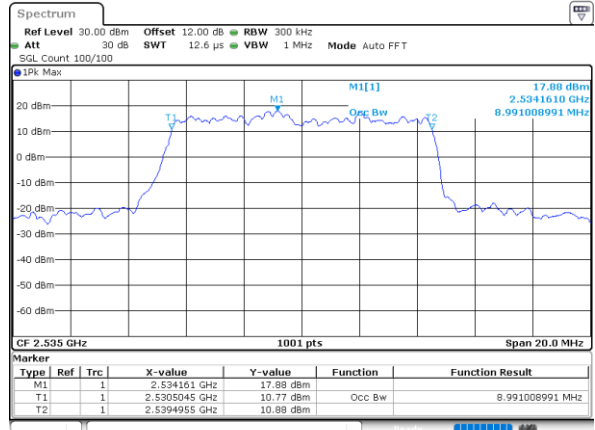
Date: 27_SEP.2022 16:45:58

Middle Channel / 5MHz / 64QAM



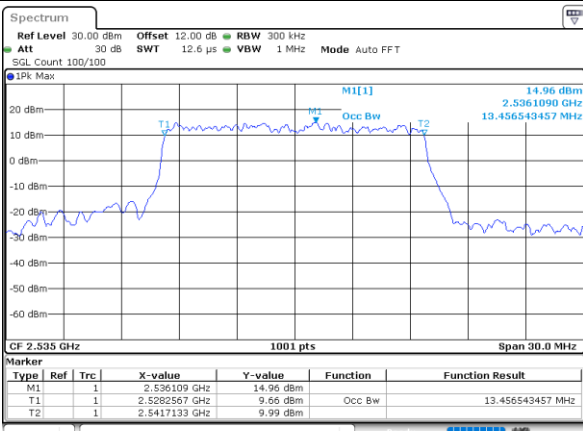
Date: 27_SEP.2022 15:28:09

Middle Channel / 10MHz / 64QAM



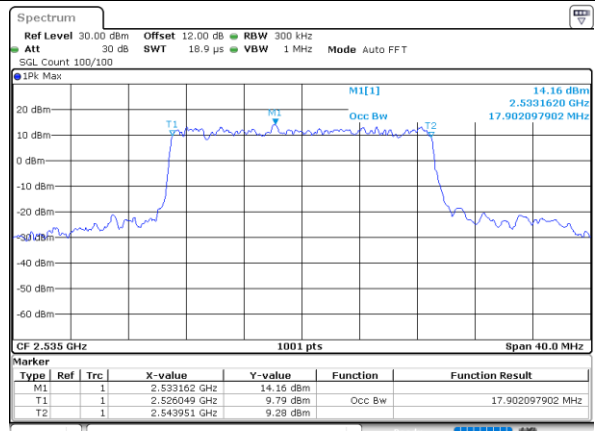
Date: 27_SEP.2022 16:18:25

Middle Channel / 15MHz / 64QAM



Date: 27_SEP.2022 16:37:19

Middle Channel / 20MHz / 64QAM

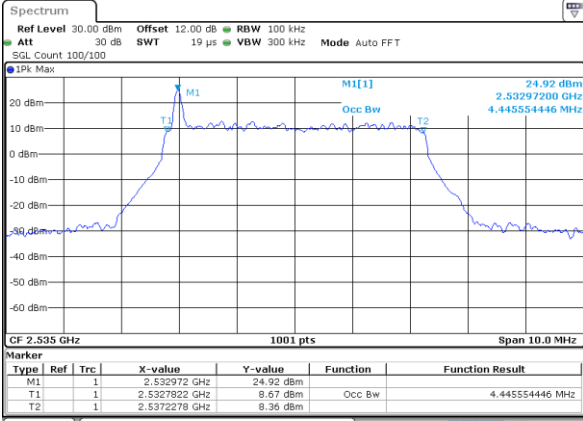


Date: 27_SEP.2022 16:15:12



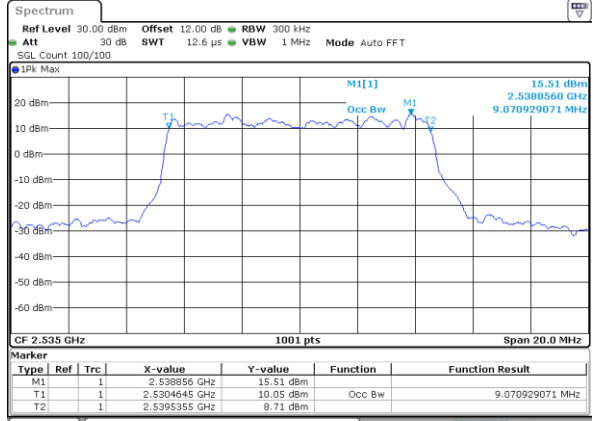
LTE Band 7

Middle Channel / 5MHz / 256QAM



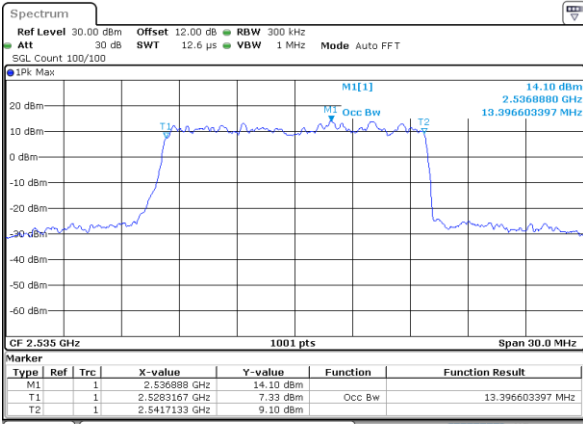
Date: 27_SEP.2022 17:02:27

Middle Channel / 10MHz / 256QAM



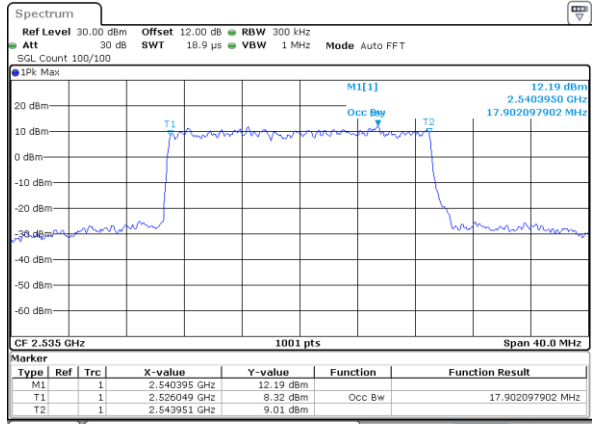
Date: 27_SEP.2022 17:07:10

Middle Channel / 15MHz / 256QAM



Date: 27_SEP.2022 17:11:57

Middle Channel / 20MHz / 256QAM



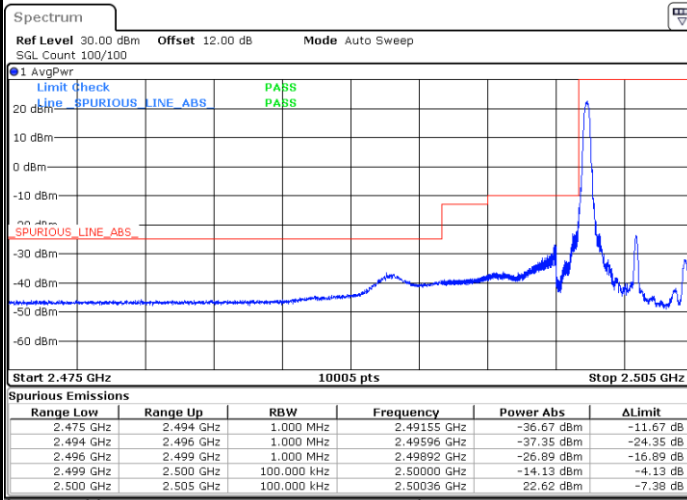
Date: 27_SEP.2022 17:16:44



Conducted Band Edge

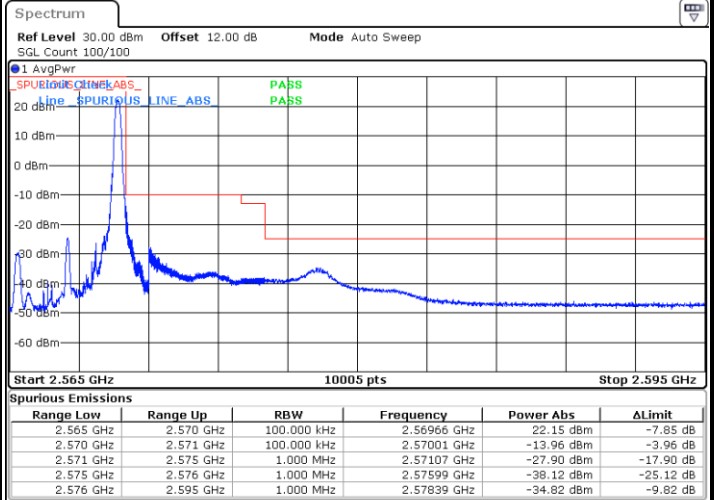
LTE Band 7 / 5MHz / QPSK

Lowest Band Edge / 1 RB



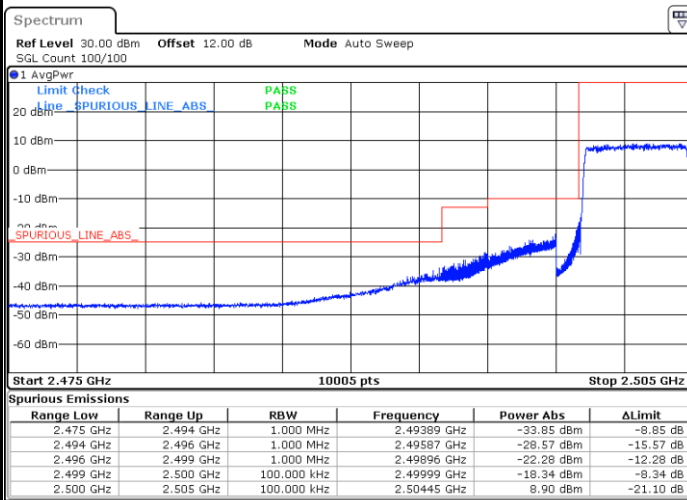
Date: 27.SEP.2022 15:12:30

Highest Band Edge / 1 RB



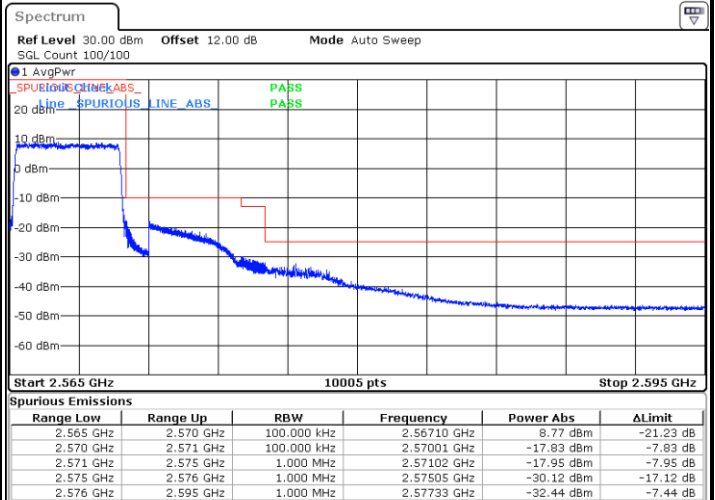
Date: 27.SEP.2022 15:21:17

Lowest Band Edge / Full RB



Date: 27.SEP.2022 15:14:29

Highest Band Edge / Full RB

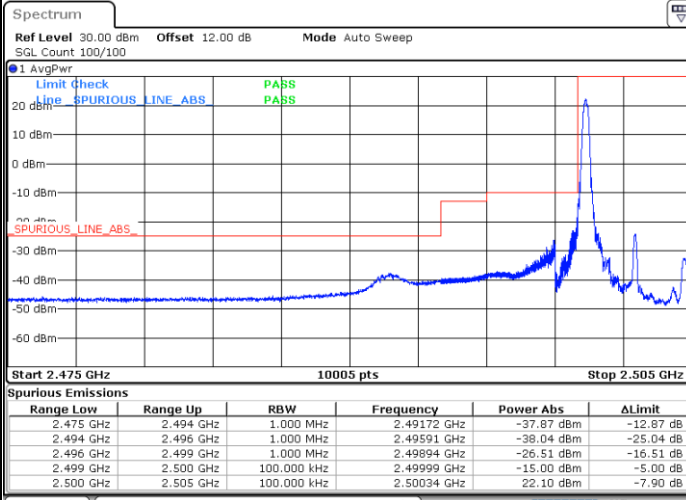


Date: 27.SEP.2022 15:23:15



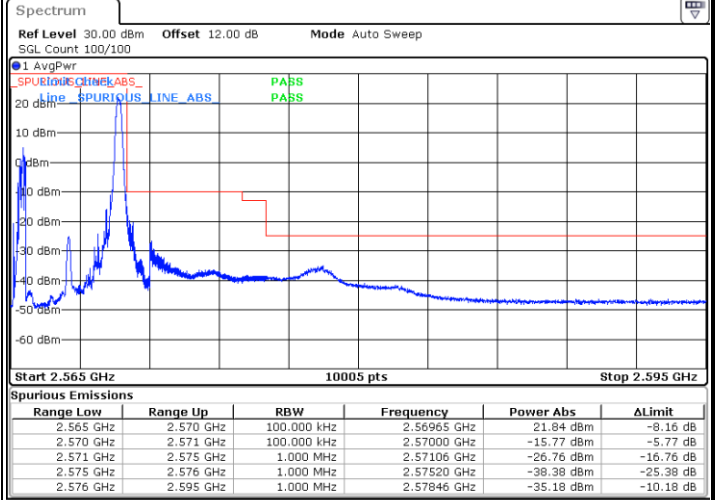
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1RB



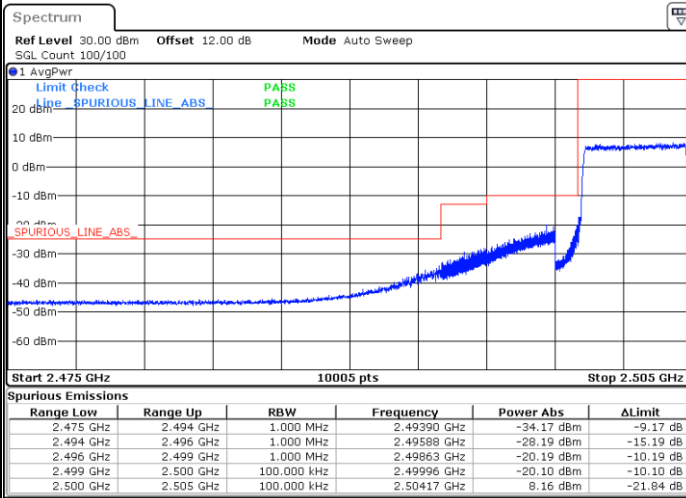
Date: 27.SEP.2022 15:13:29

Highest Band Edge / 1 RB



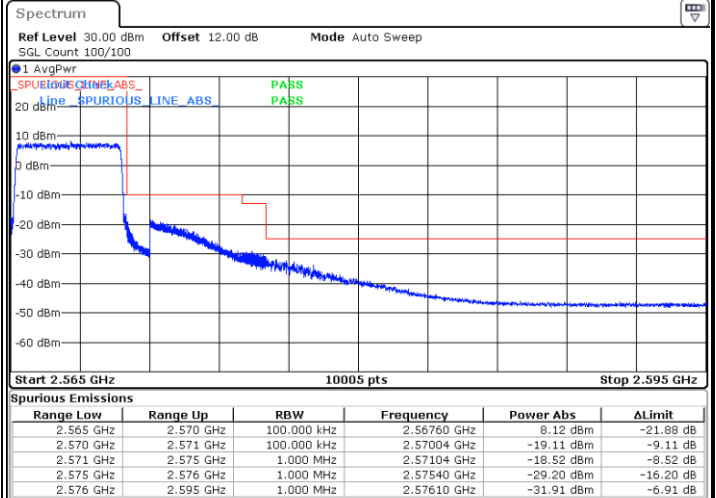
Date: 27.SEP.2022 15:22:16

Lowest Band Edge / Full RB



Date: 27.SEP.2022 15:15:28

Highest Band Edge / Full RB

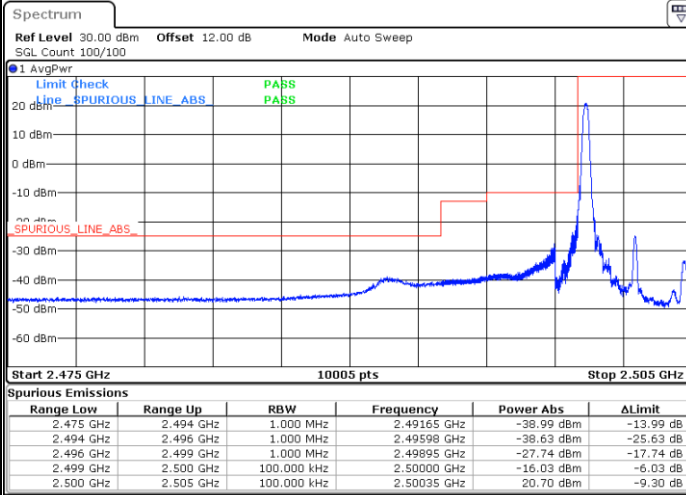


Date: 27.SEP.2022 15:24:14



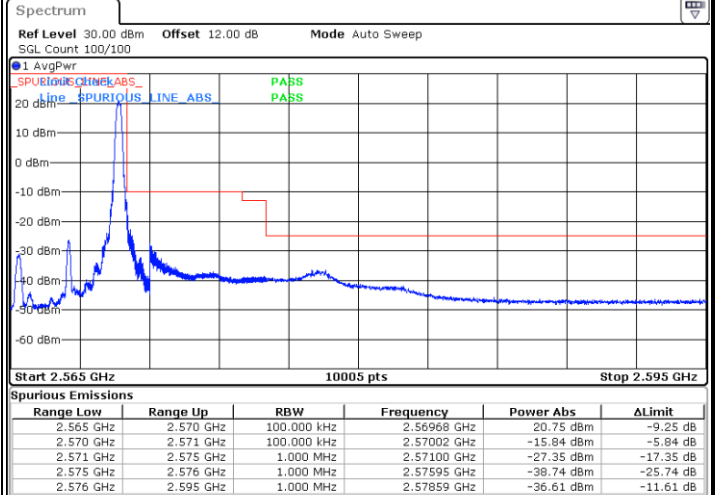
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



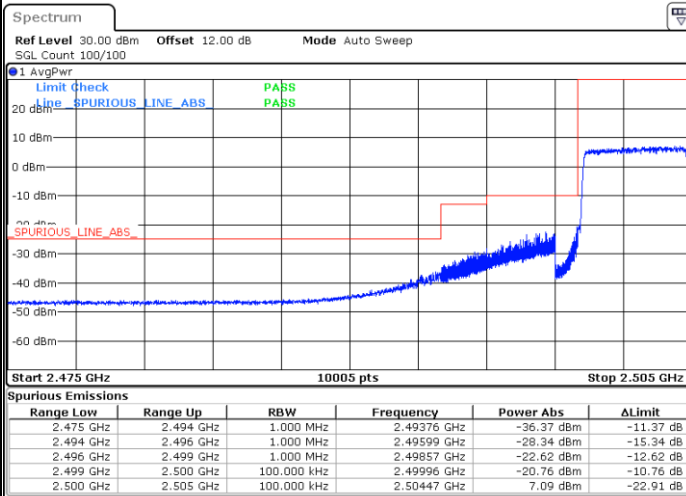
Date: 27.SEP.2022 15:26:41

Highest Band Edge / 1 RB



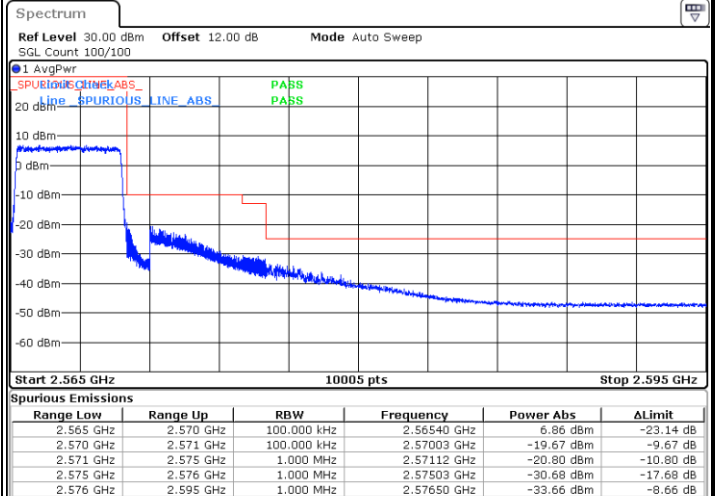
Date: 27.SEP.2022 15:29:22

Lowest Band Edge / Full RB



Date: 27.SEP.2022 15:27:40

Highest Band Edge / Full RB

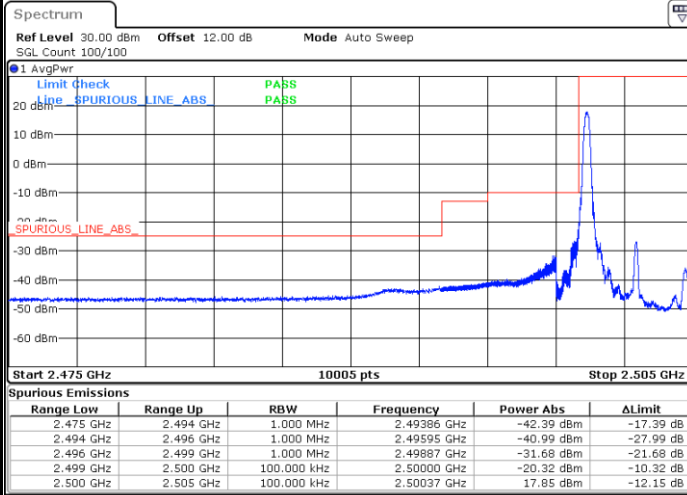


Date: 27.SEP.2022 15:30:20



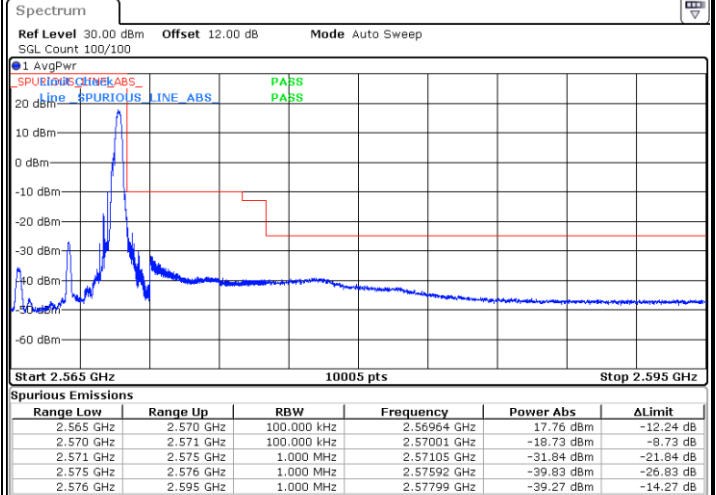
LTE Band 7 / 5MHz / 256QAM

Lowest Band Edge / 1RB



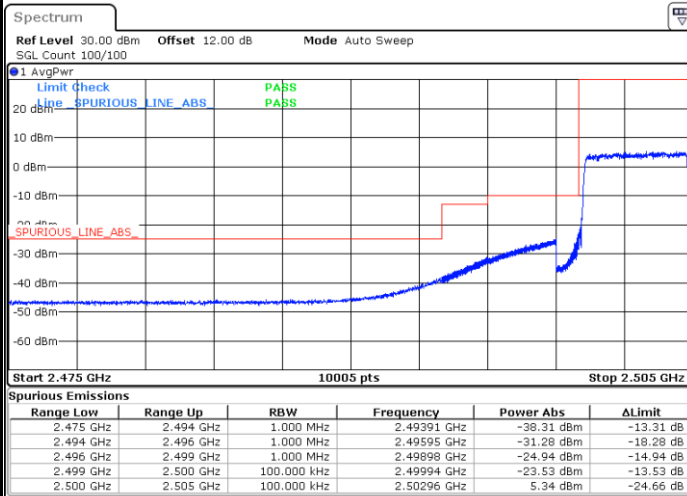
Date: 27.SEP.2022 17:00:58

Highest Band Edge / 1 RB



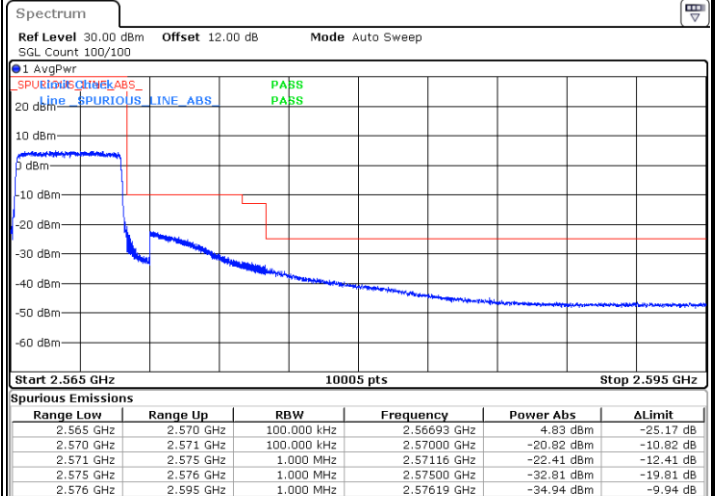
Date: 27.SEP.2022 17:03:39

Lowest Band Edge / Full RB



Date: 27.SEP.2022 17:01:57

Highest Band Edge / Full RB

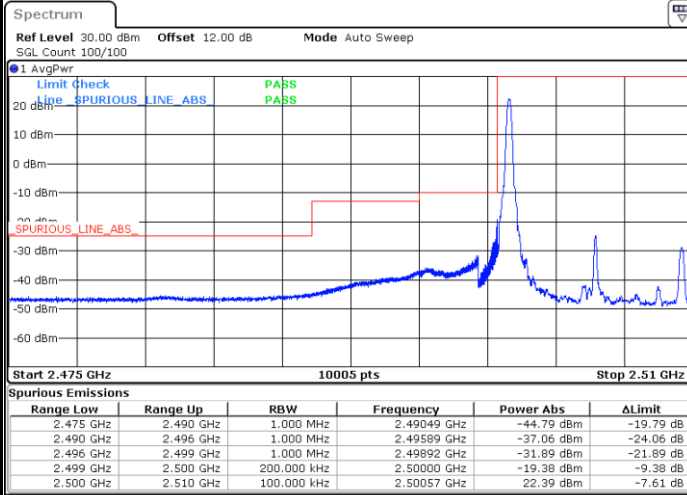


Date: 27.SEP.2022 17:04:38



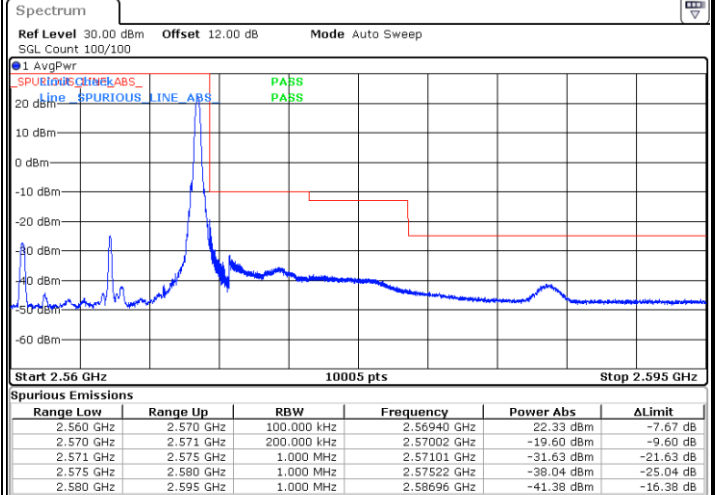
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



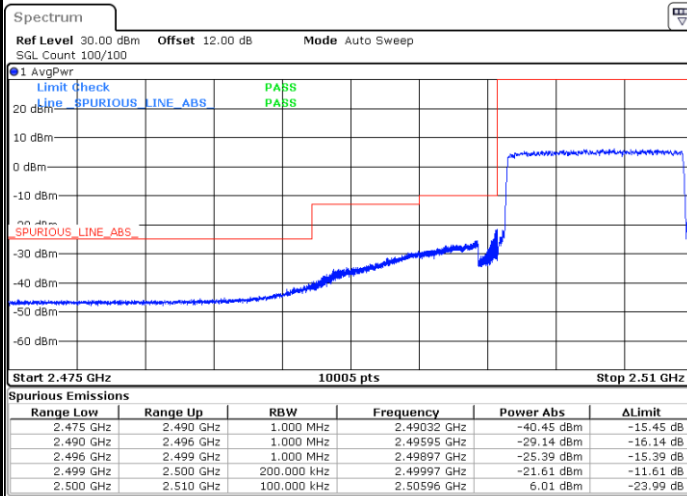
Date: 27.SEP.2022 16:02:47

Highest Band Edge / 1 RB



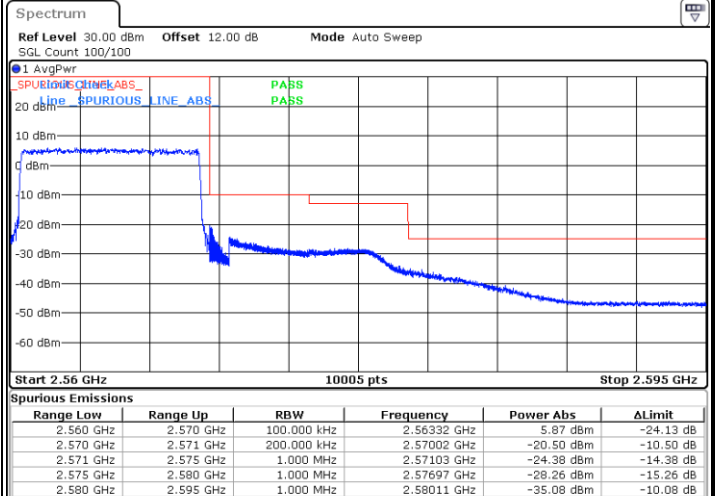
Date: 27.SEP.2022 16:11:33

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:04:45

Highest Band Edge / Full RB

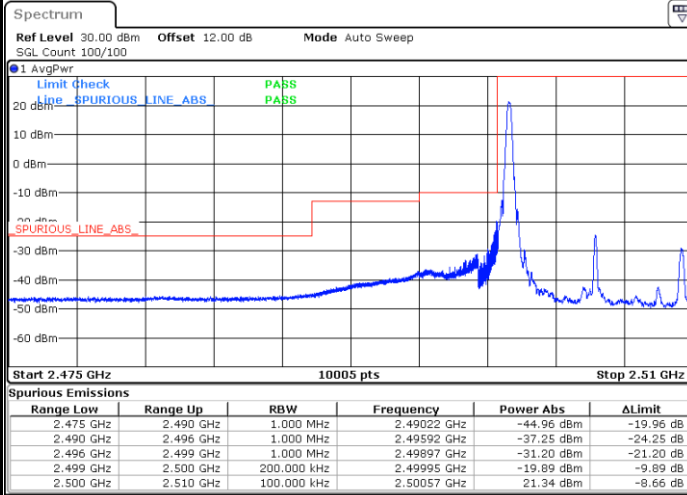


Date: 27.SEP.2022 16:13:31



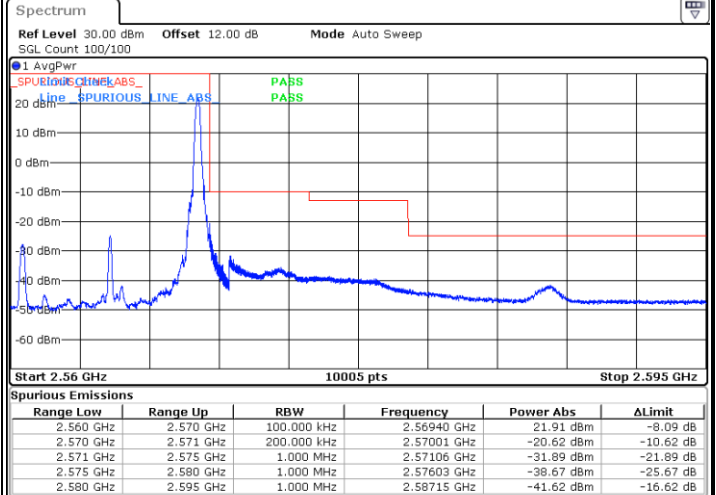
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



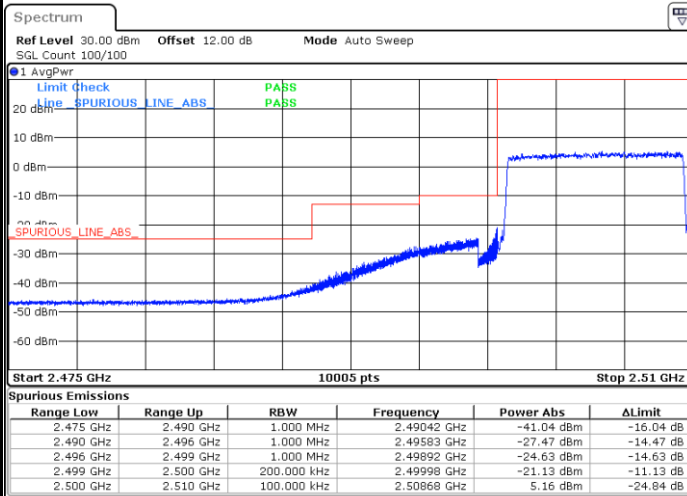
Date: 27.SEP.2022 16:03:46

Highest Band Edge / 1 RB



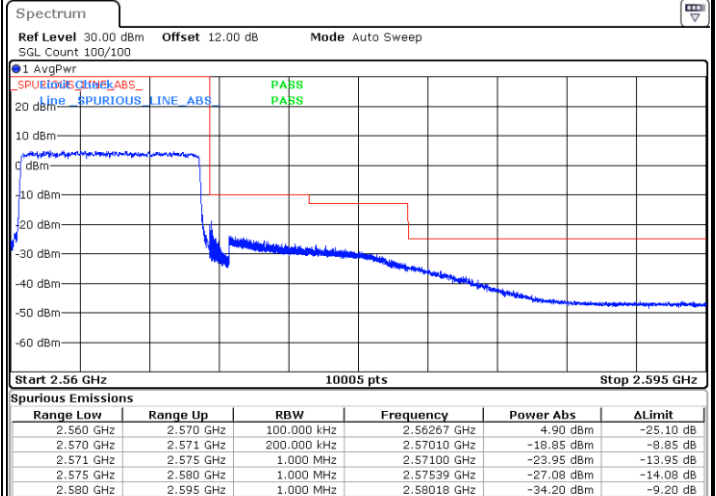
Date: 27.SEP.2022 16:12:32

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:05:44

Highest Band Edge / Full RB

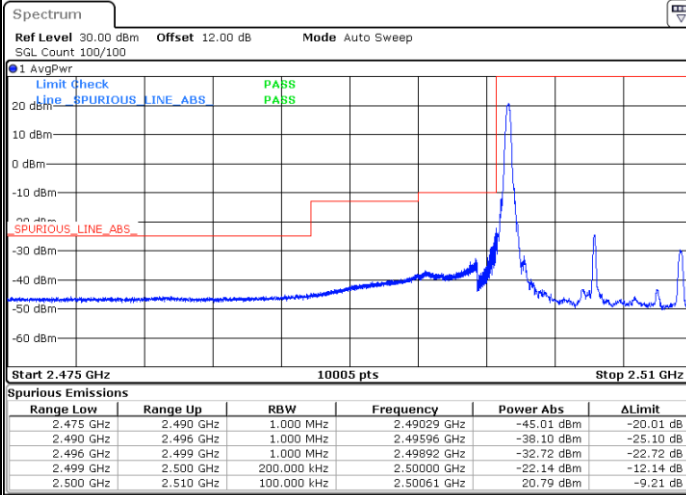


Date: 27.SEP.2022 16:14:30



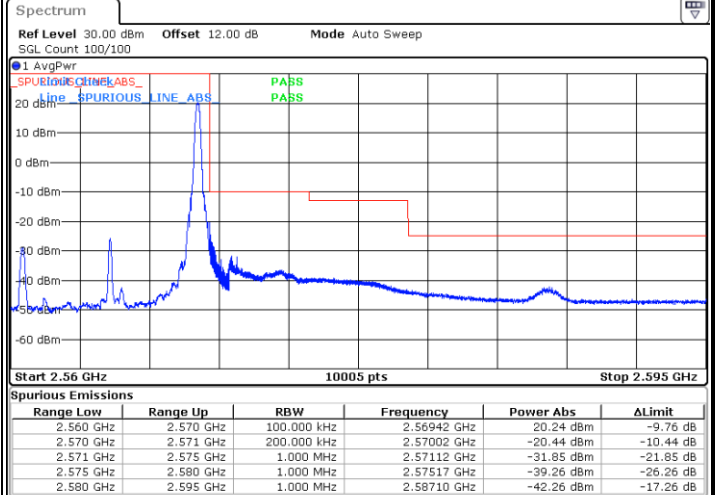
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



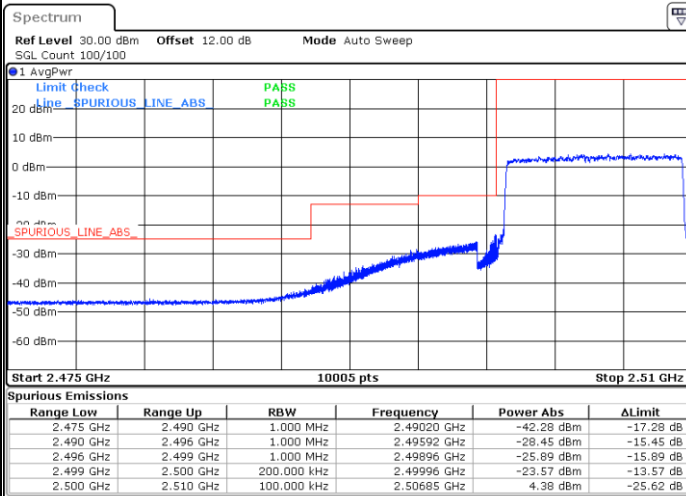
Date: 27.SEP.2022 16:16:57

Highest Band Edge / 1 RB



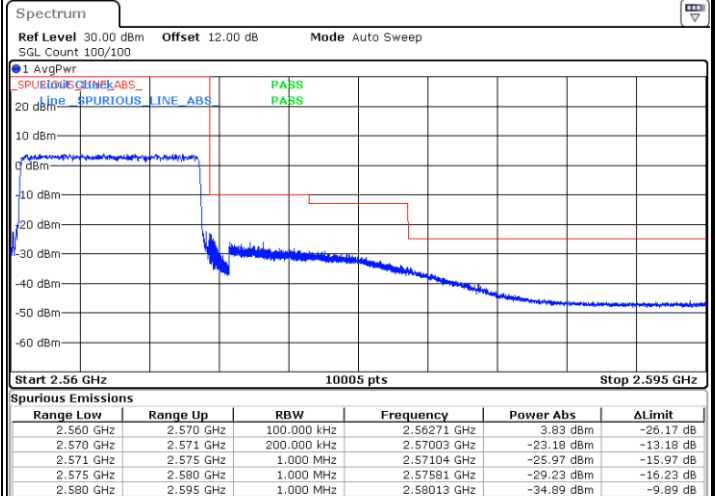
Date: 27.SEP.2022 16:19:37

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:17:56

Highest Band Edge / Full RB

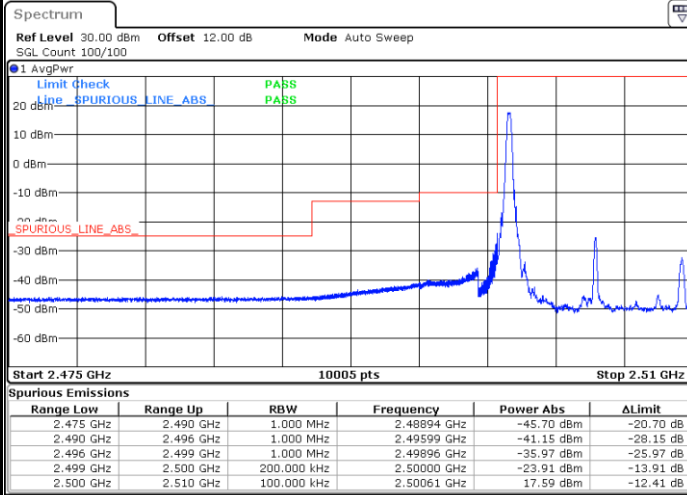


Date: 27.SEP.2022 16:20:36



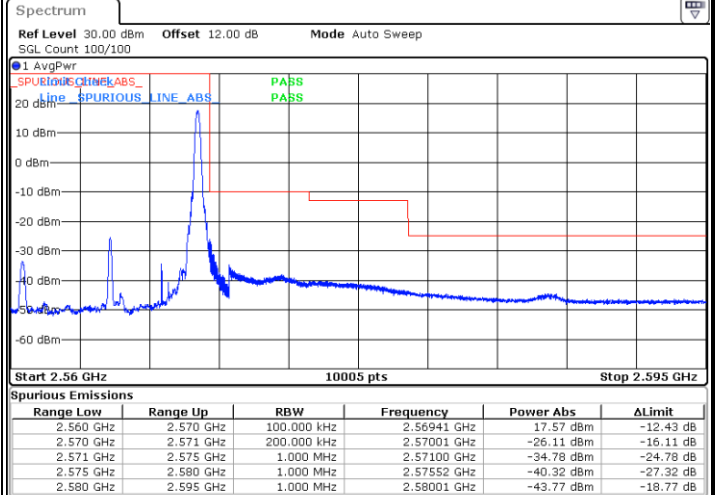
LTE Band 7 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



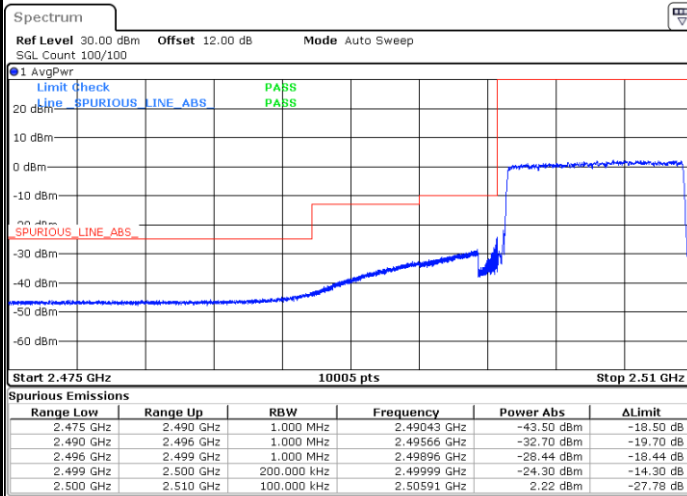
Date: 27.SEP.2022 17:05:42

Highest Band Edge / 1 RB



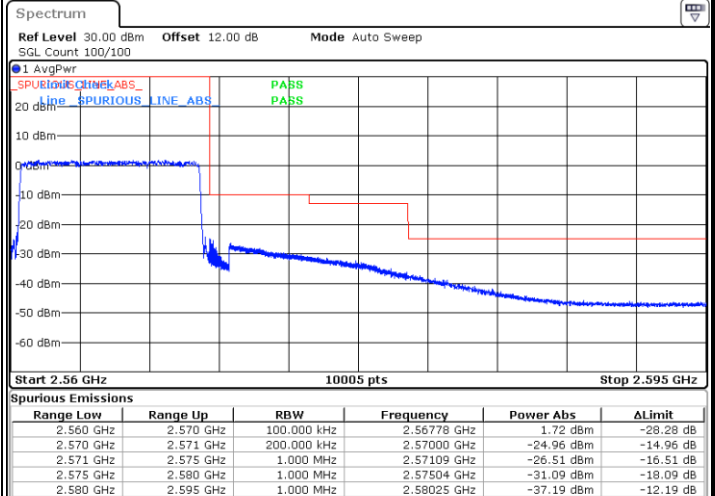
Date: 27.SEP.2022 17:08:23

Lowest Band Edge / Full RB



Date: 27.SEP.2022 17:06:41

Highest Band Edge / Full RB

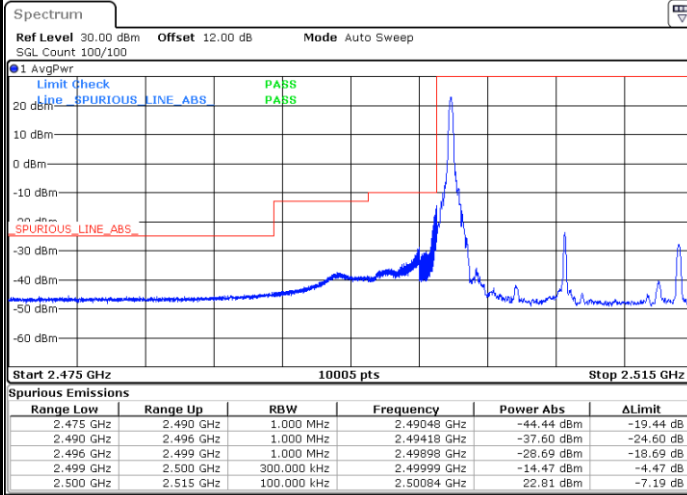


Date: 27.SEP.2022 17:09:25



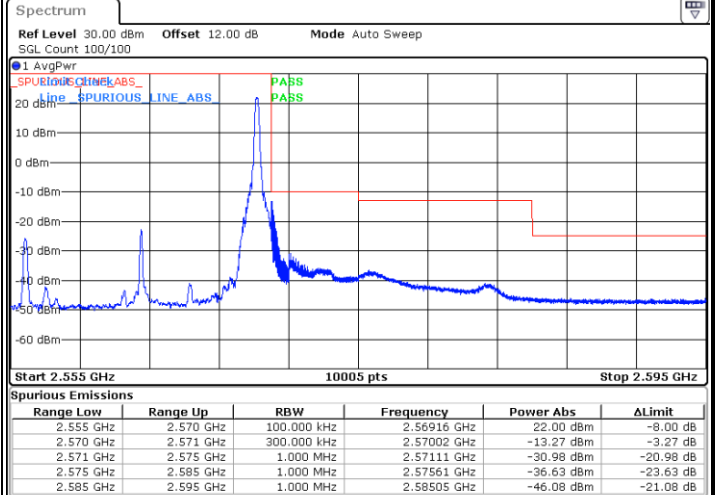
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



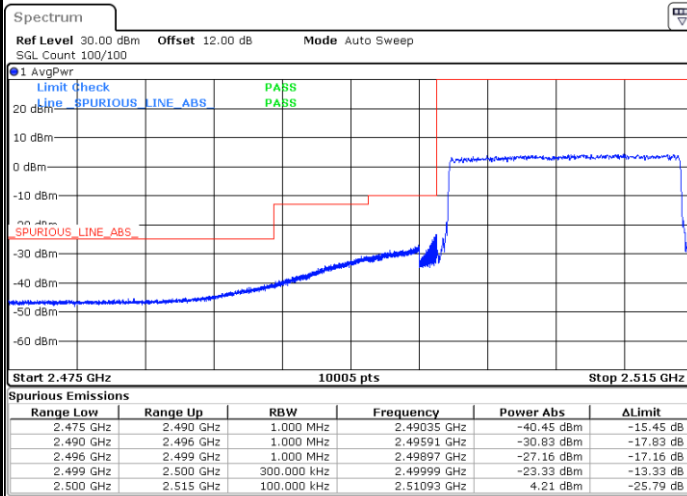
Date: 27.SEP.2022 16:21:41

Highest Band Edge / 1 RB



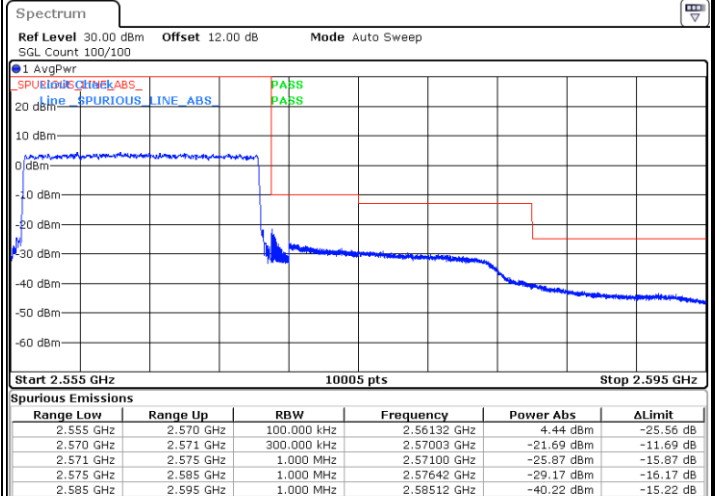
Date: 27.SEP.2022 16:30:27

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:23:39

Highest Band Edge / Full RB

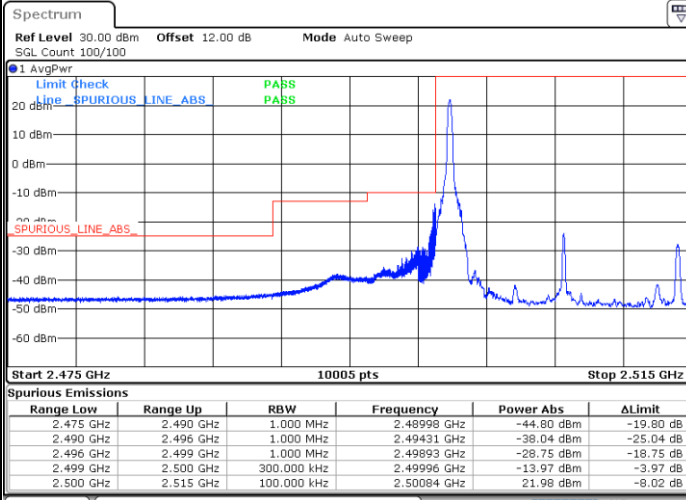


Date: 27.SEP.2022 16:32:25



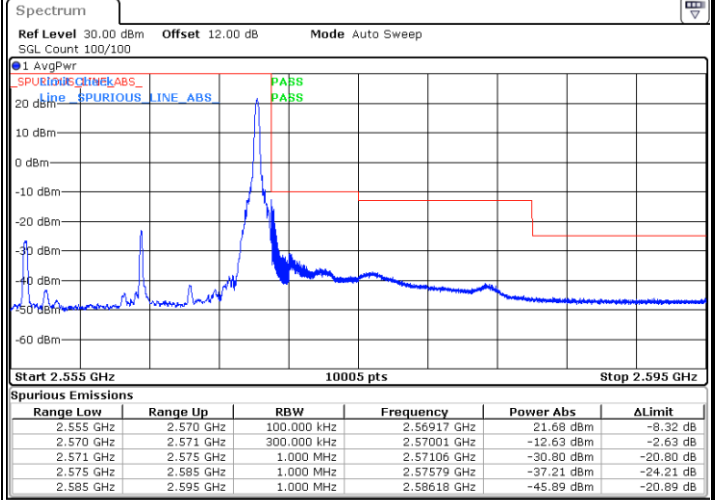
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



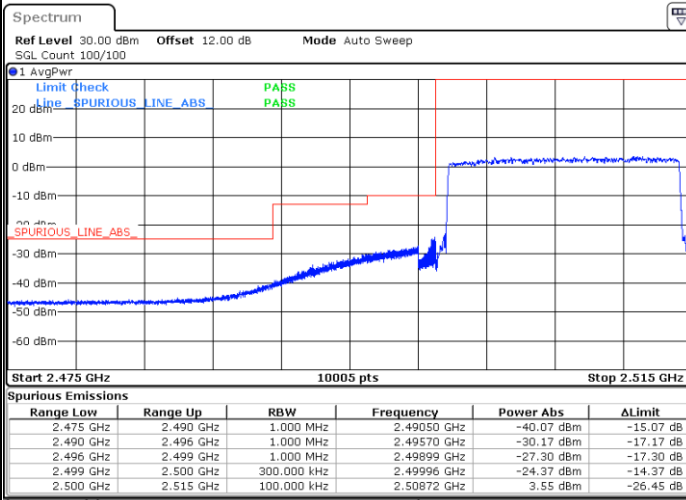
Date: 27.SEP.2022 16:22:40

Highest Band Edge / 1 RB



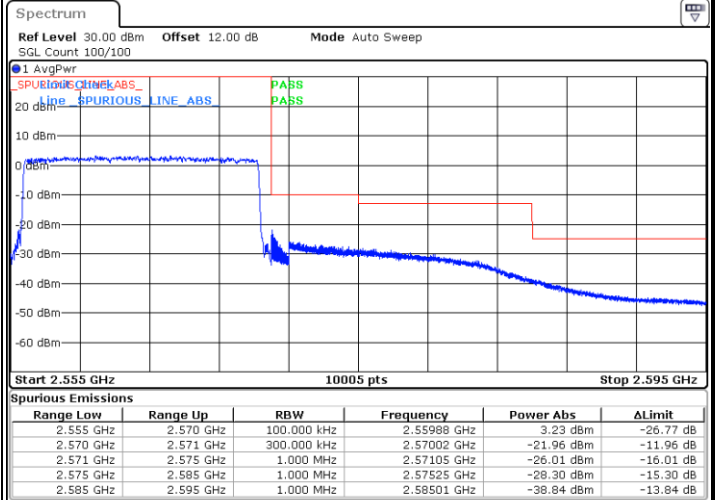
Date: 27.SEP.2022 16:31:26

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:24:38

Highest Band Edge / Full RB

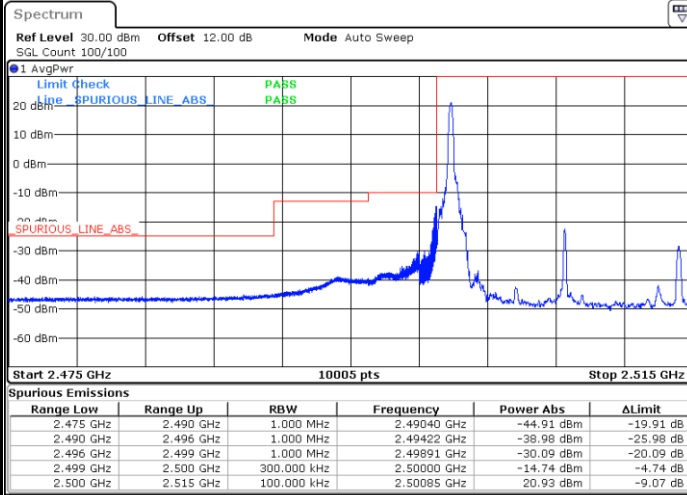


Date: 27.SEP.2022 16:33:24



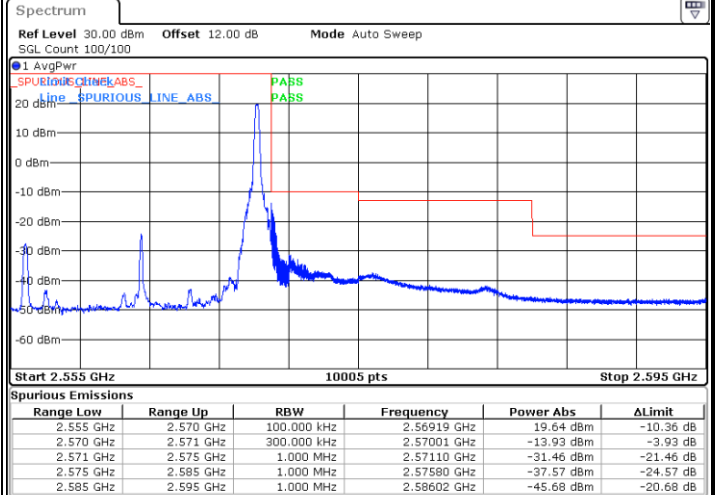
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



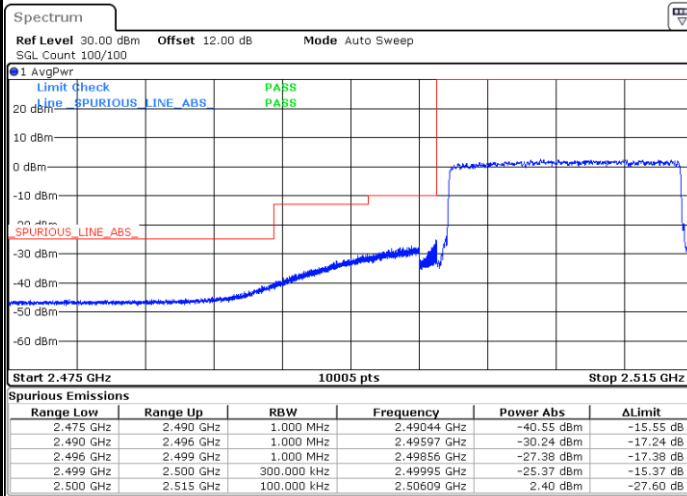
Date: 27.SEP.2022 16:35:50

Highest Band Edge / 1 RB



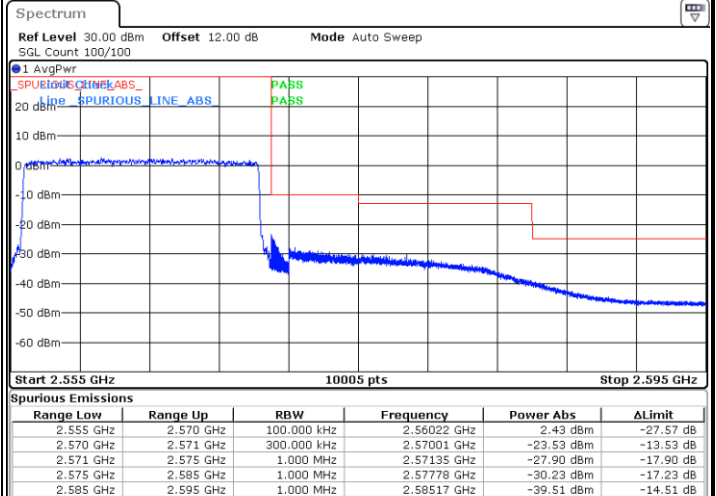
Date: 27.SEP.2022 16:38:31

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:36:50

Highest Band Edge / Full RB

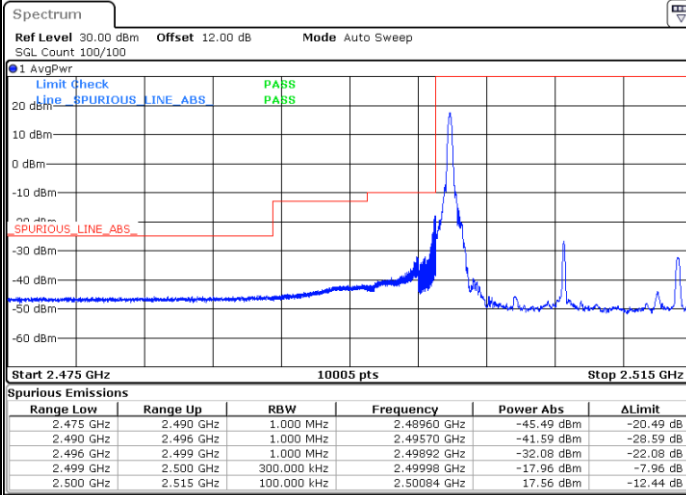


Date: 27.SEP.2022 16:39:30



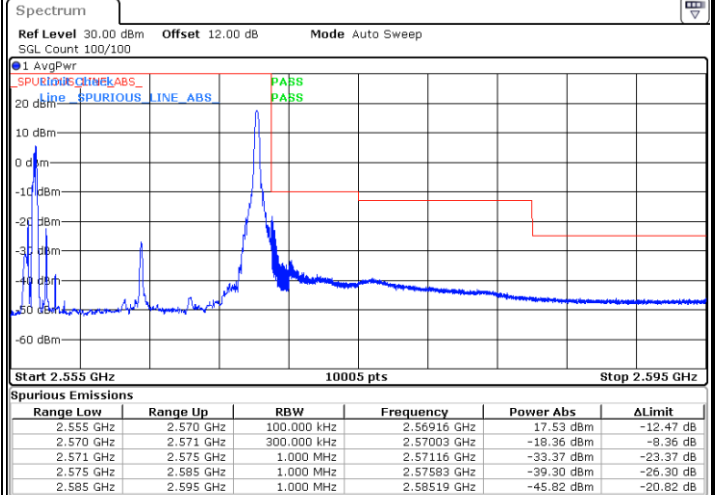
LTE Band 7 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



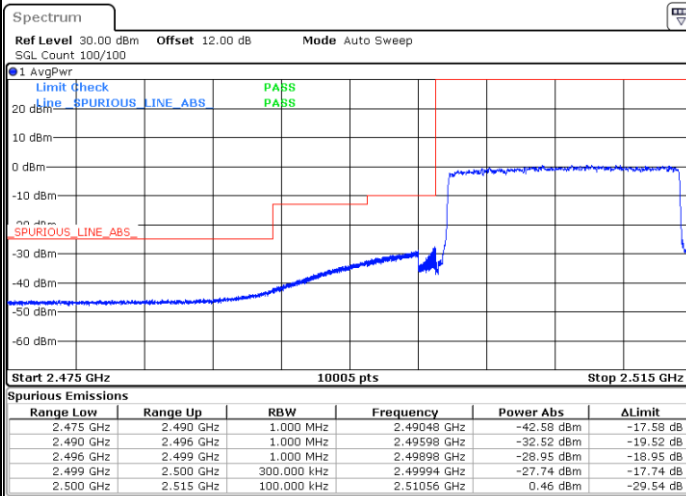
Date: 27.SEP.2022 17:10:29

Highest Band Edge / 1 RB



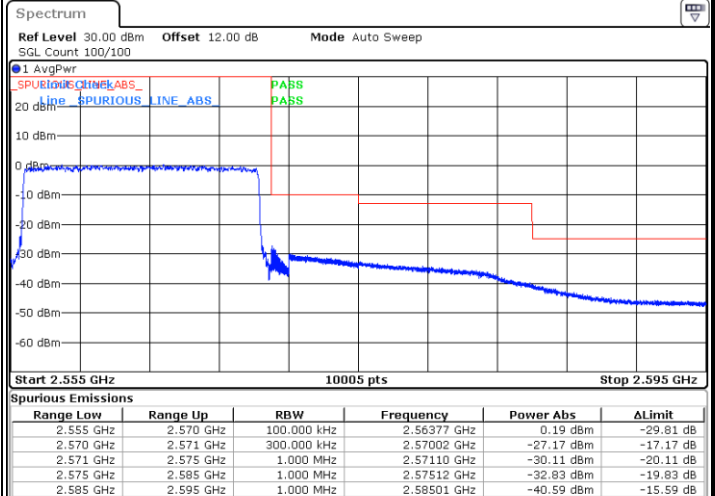
Date: 27.SEP.2022 17:13:09

Lowest Band Edge / Full RB



Date: 27.SEP.2022 17:11:28

Highest Band Edge / Full RB

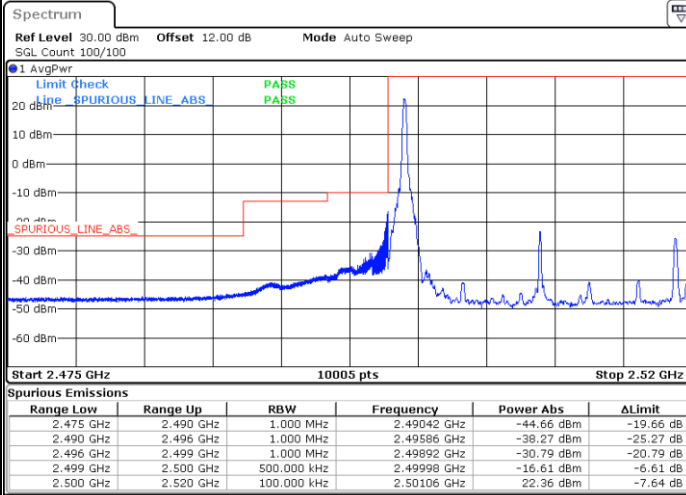


Date: 27.SEP.2022 17:14:12



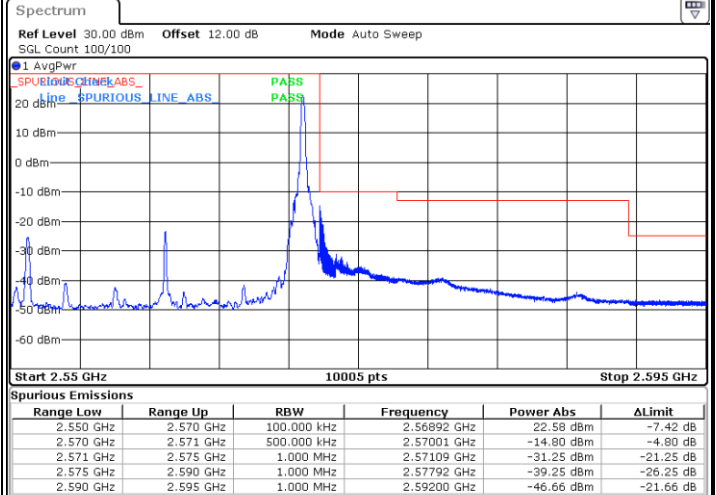
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



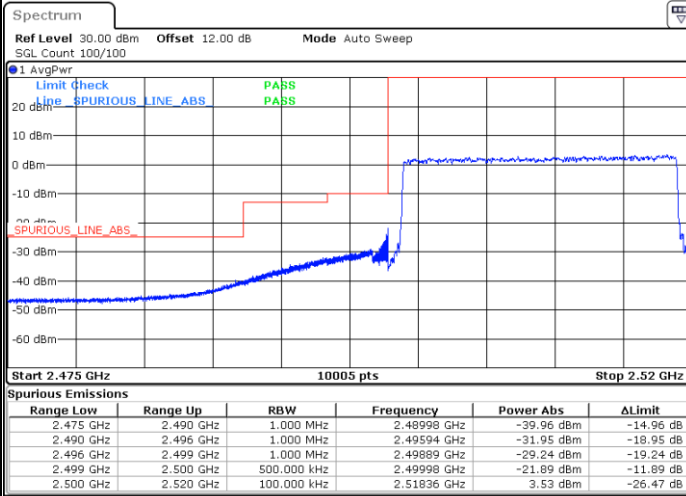
Date: 27.SEP.2022 16:40:34

Highest Band Edge / 1 RB



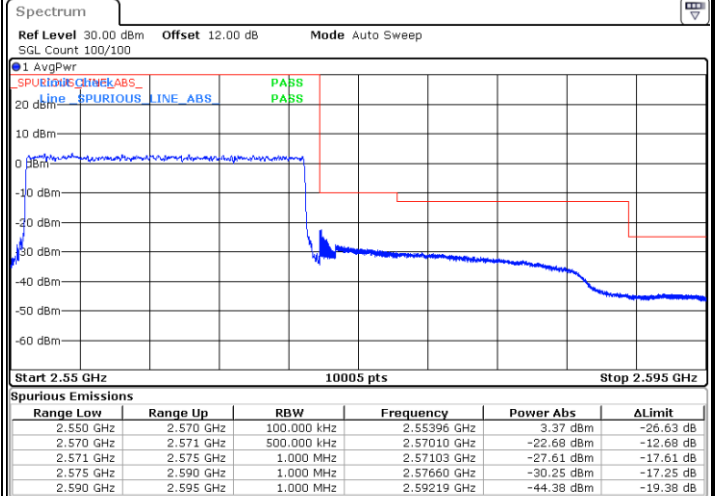
Date: 27.SEP.2022 16:49:21

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:42:33

Highest Band Edge / Full RB



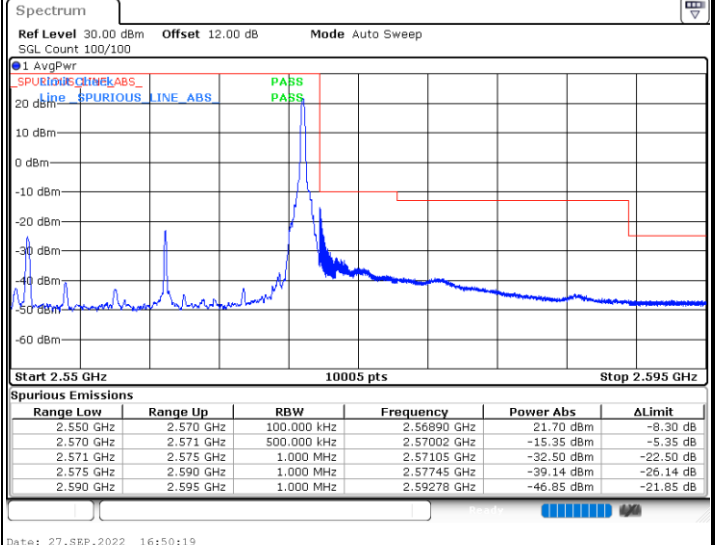
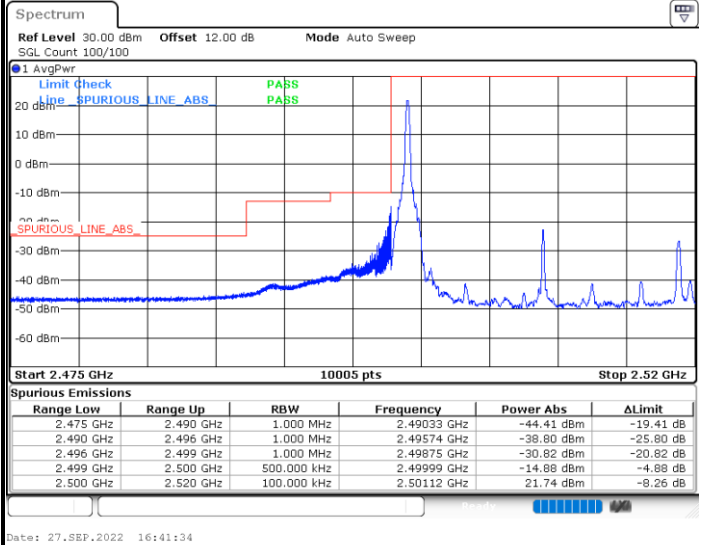
Date: 27.SEP.2022 16:52:17



LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

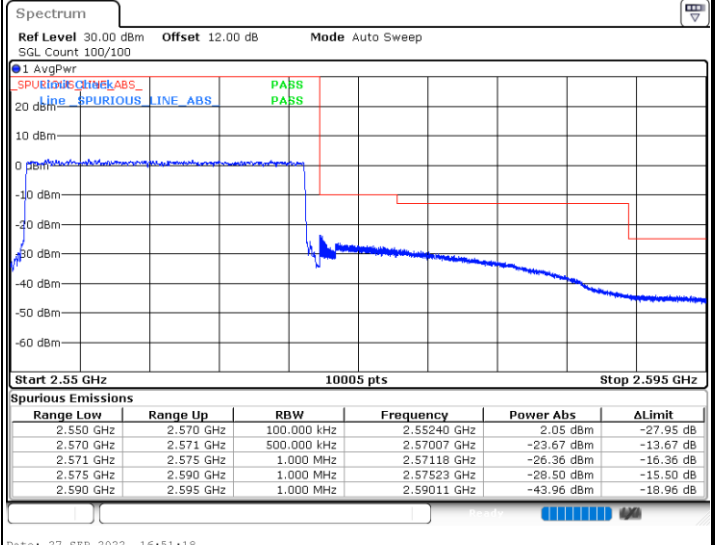
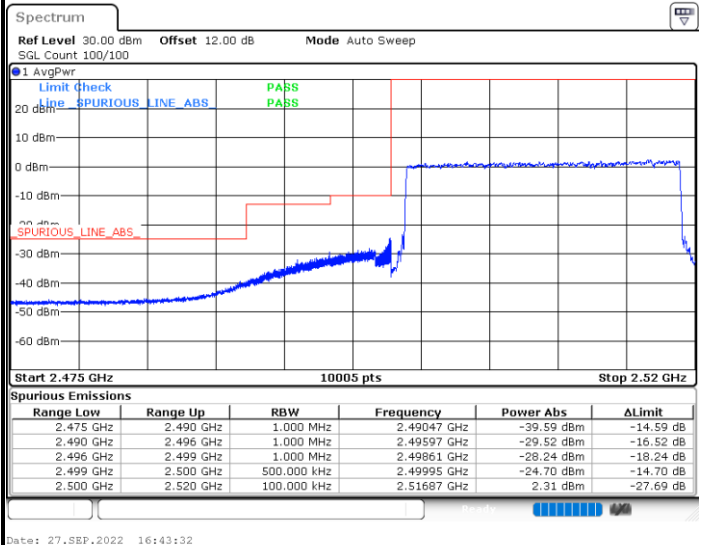


Date: 27.SEP.2022 16:41:34

Date: 27.SEP.2022 16:50:19

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



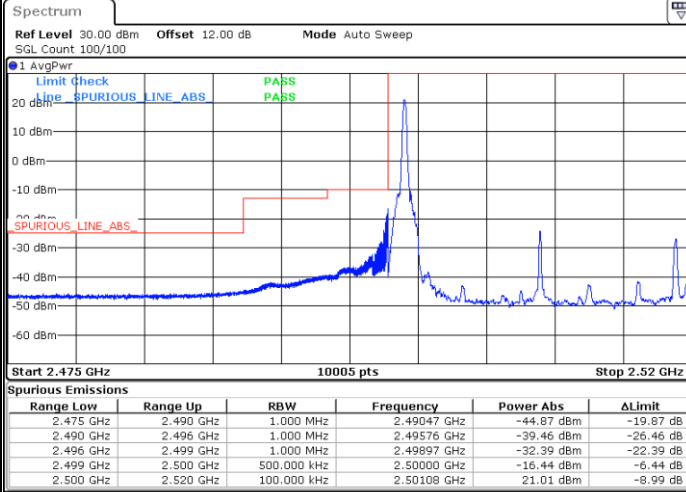
Date: 27.SEP.2022 16:43:32

Date: 27.SEP.2022 16:51:18



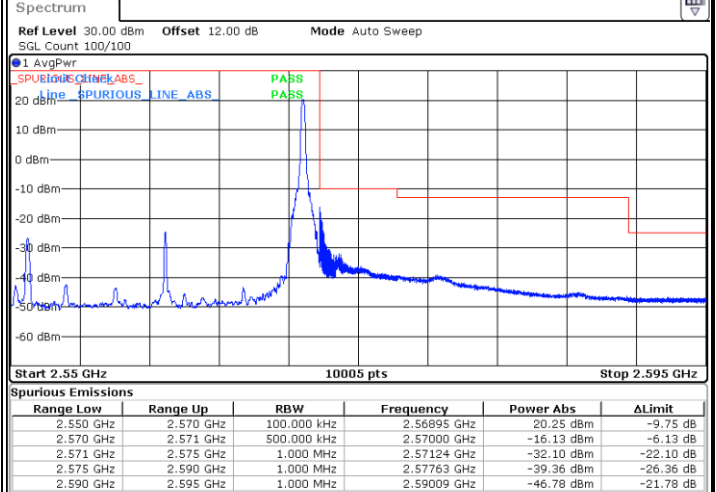
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



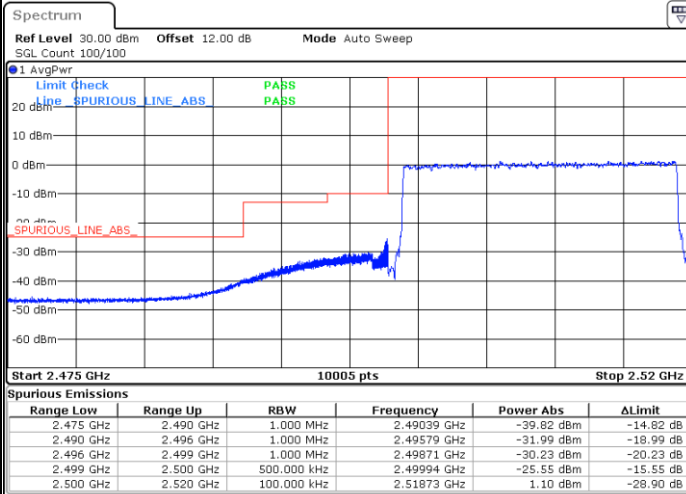
Date: 27.SEP.2022 16:54:44

Highest Band Edge / 1 RB



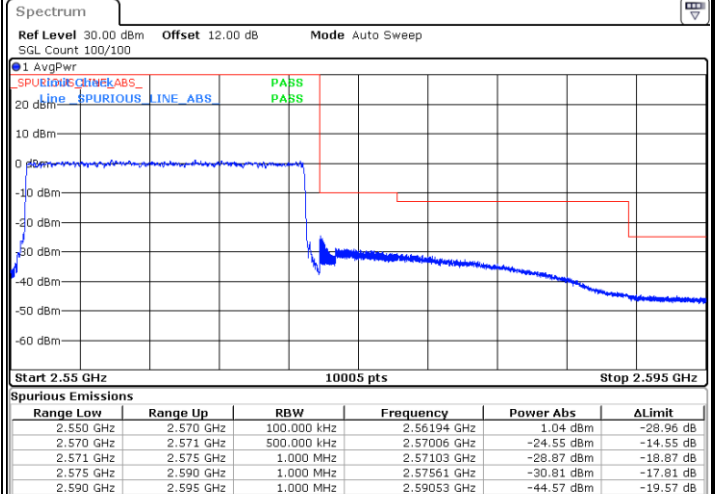
Date: 27.SEP.2022 16:57:24

Lowest Band Edge / Full RB



Date: 27.SEP.2022 16:55:43

Highest Band Edge / Full RB

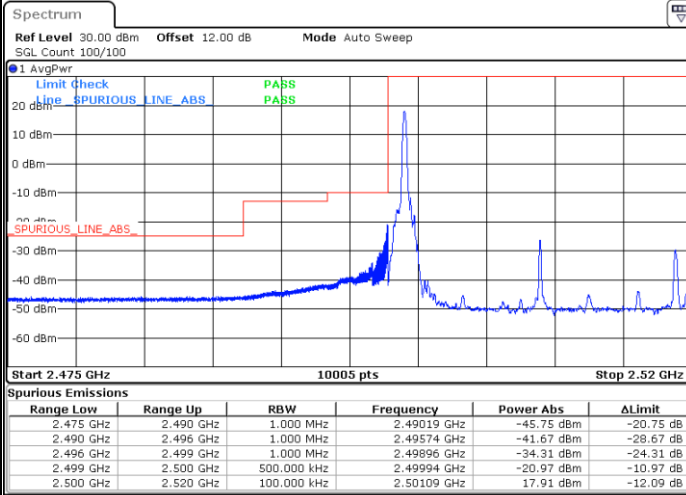


Date: 27.SEP.2022 16:58:23



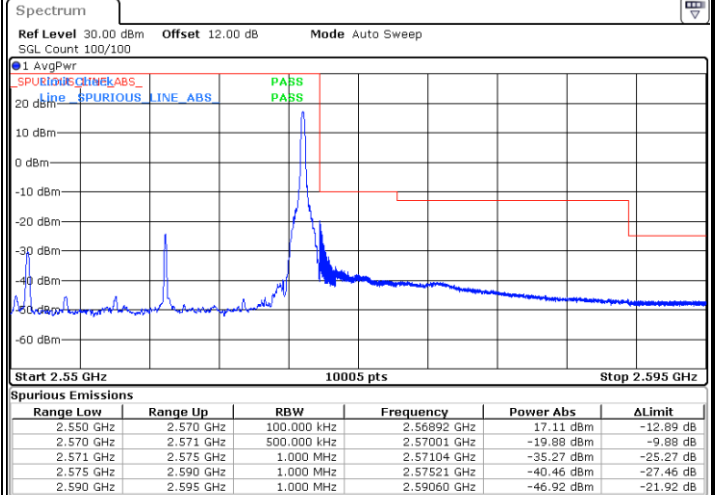
LTE Band 7 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



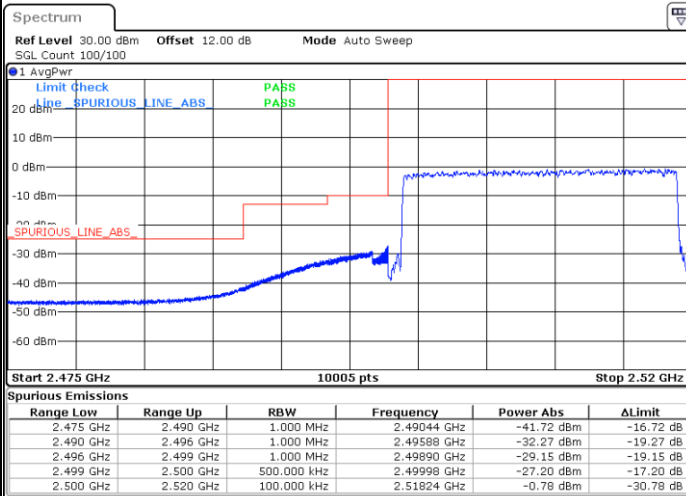
Date: 27.SEP.2022 17:15:16

Highest Band Edge / 1 RB



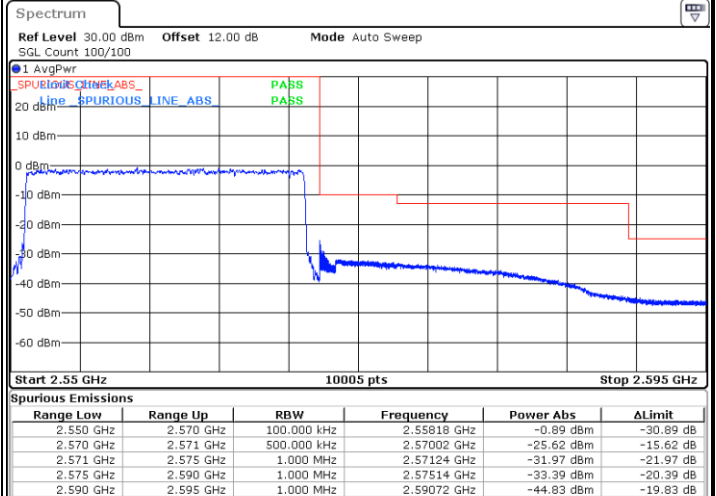
Date: 27.SEP.2022 17:17:57

Lowest Band Edge / Full RB



Date: 27.SEP.2022 17:16:15

Highest Band Edge / Full RB



Date: 27.SEP.2022 17:18:59



Conducted Spurious Emission

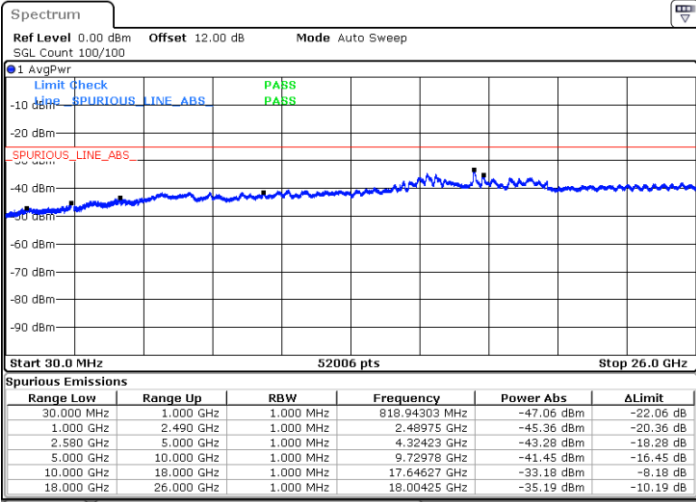




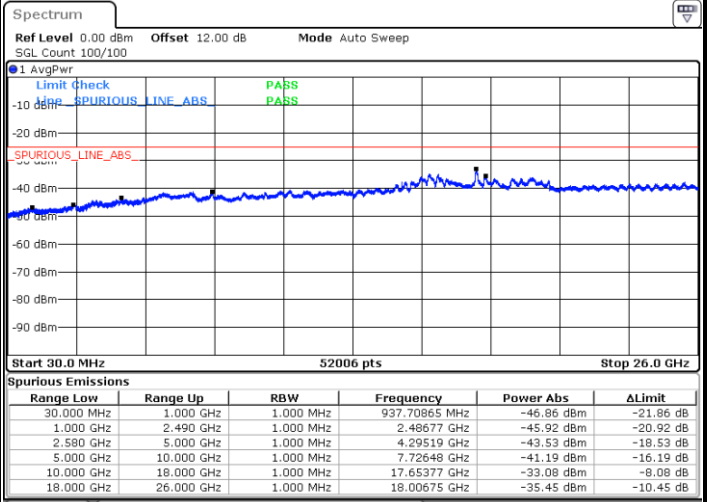
LTE Band 7 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

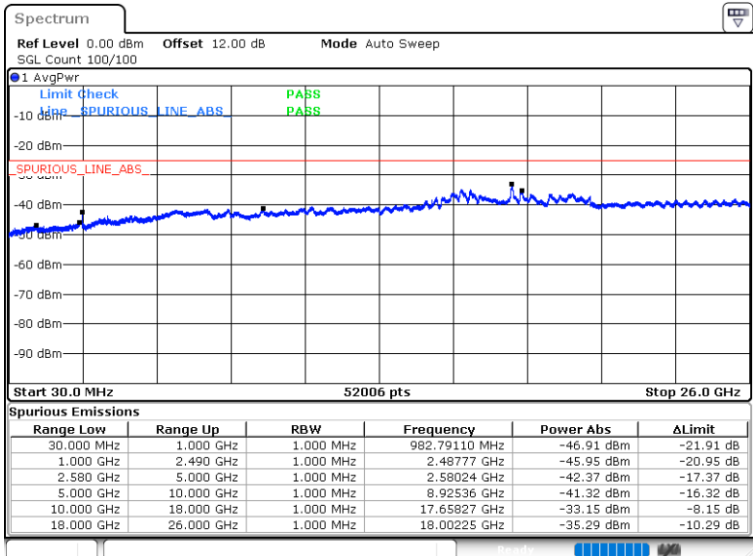


Date: 27.SEP.2022 16:07:12



Date: 27.SEP.2022 16:10:35

Highest Channel / QPSK



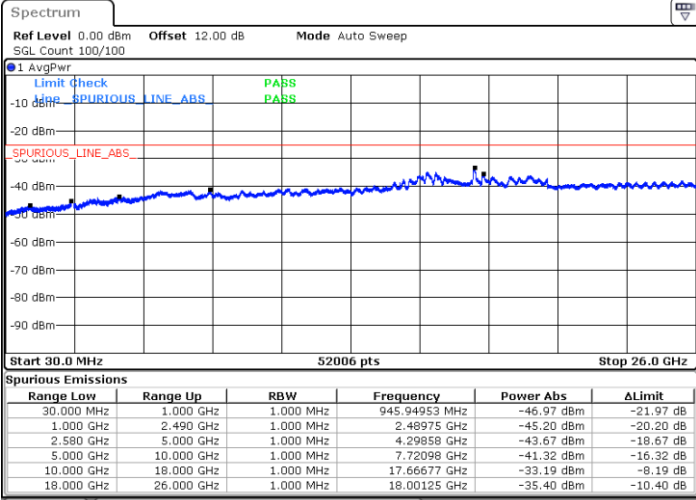
Date: 27.SEP.2022 16:15:57



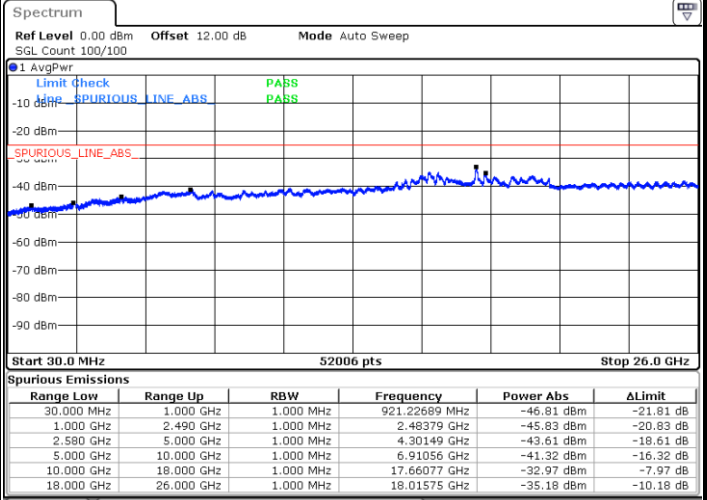
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

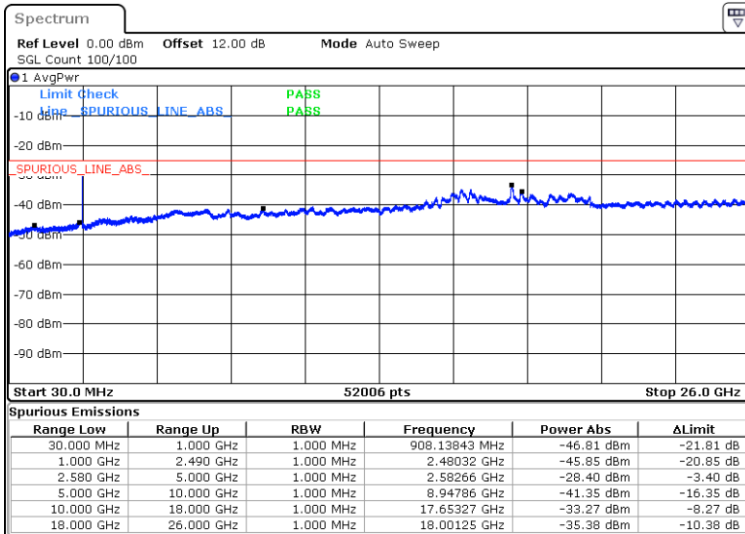


Date: 27.SEP.2022 16:26:06



Date: 27.SEP.2022 16:29:28

Highest Channel / QPSK



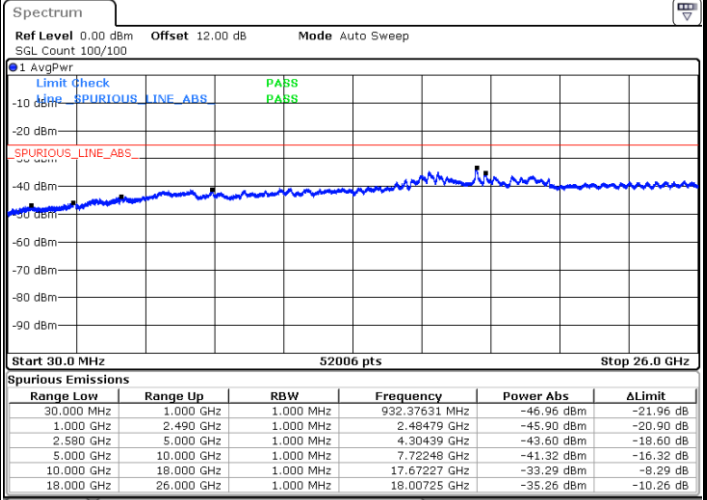
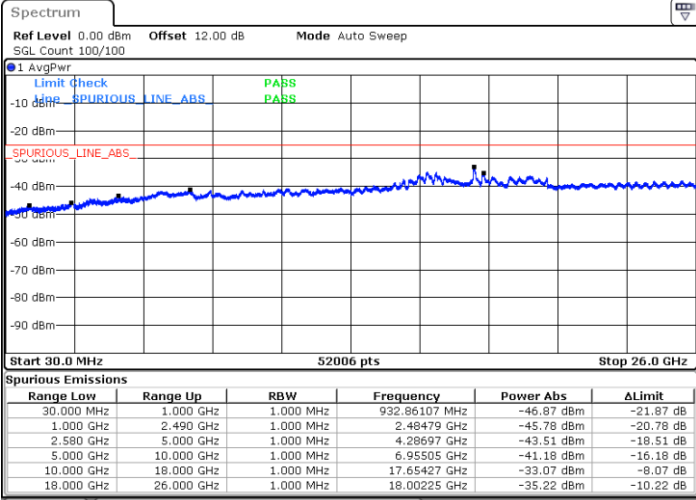
Date: 27.SEP.2022 16:34:51



LTE Band 7 / 20MHz

Lowest Channel / QPSK

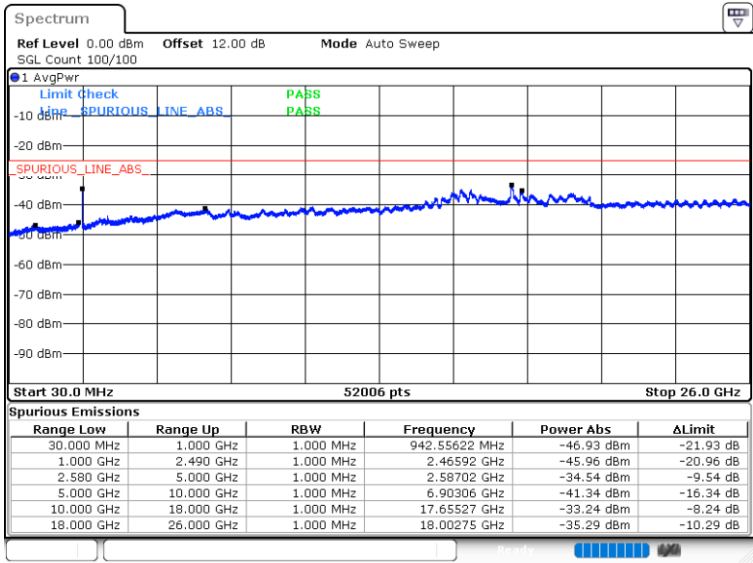
Middle Channel / QPSK



Date: 27.SEP.2022 16:45:00

Date: 27.SEP.2022 16:48:22

Highest Channel / QPSK



Date: 27.SEP.2022 16:53:45



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	0.0028	PASS
40	Normal Voltage	0.0013	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0010	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0013	
20	Maximum Voltage	0.0009	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0009	

Note:

- 1. Normal Voltage = 3.85 V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage = 4.45 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	30.03	25.77	30.63	35.18
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.09	35.04	39.88	

Mode	LTE Band 7C : 26dB BW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.97	25.48	30.45	35.32
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.03	34.97	39.96	

Mode	LTE Band 7C : 26dB BW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.85	25.23	30.51	35.25
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	29.91	35.11	40.12	

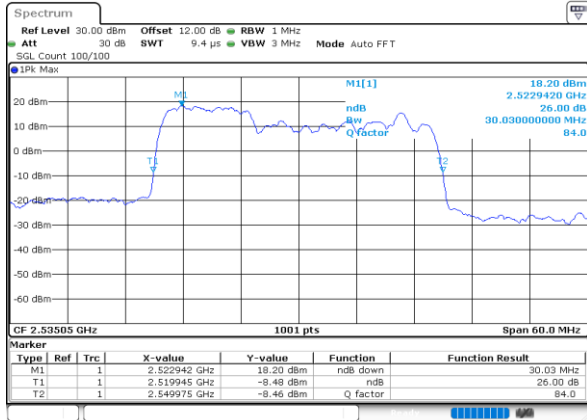
Mode	LTE Band 7C : 26dB BW(MHz)			
256QAM				
BW	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz	15MHz+20MHz
Middle CH	29.79	25.72	30.63	34.90
BW	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz	N/A
Middle CH	30.51	35.04	39.88	



LTE Band 7C

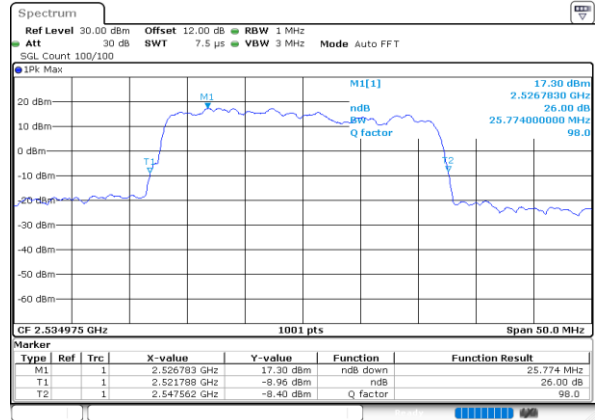
QPSK

Middle Channel / 10MHz+20MHz



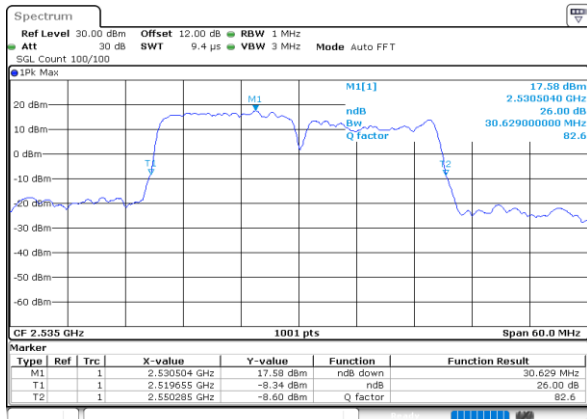
Date: 26_SEP.2022 21:46:24

Middle Channel / 15MHz+10MHz



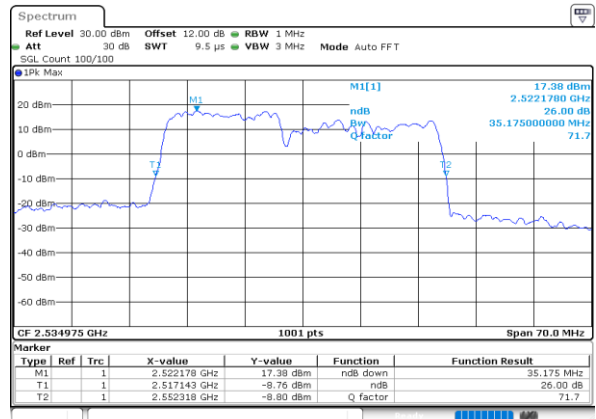
Date: 27_SEP.2022 02:23:48

Middle Channel / 15MHz+15MHz



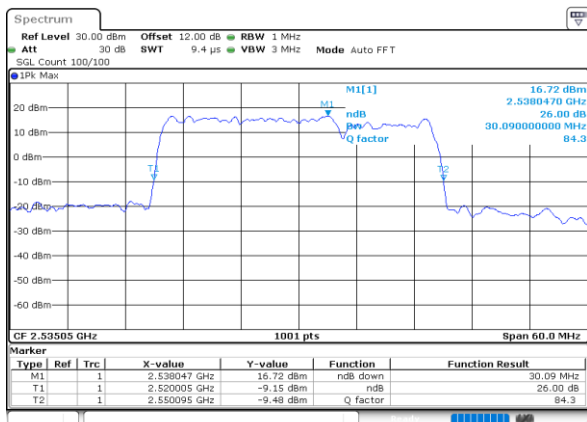
Date: 26_SEP.2022 23:16:44

Middle Channel / 15MHz+20MHz



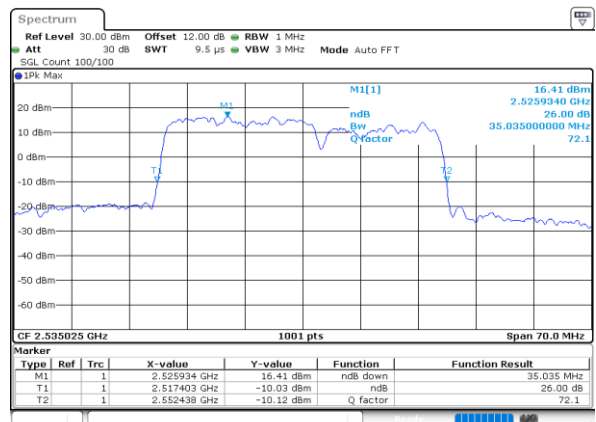
Date: 27_SEP.2022 00:08:10

Middle Channel / 20MHz+10MHz



Date: 26_SEP.2022 22:33:10

Middle Channel / 20MHz+15MHz



Date: 27_SEP.2022 00:54:59

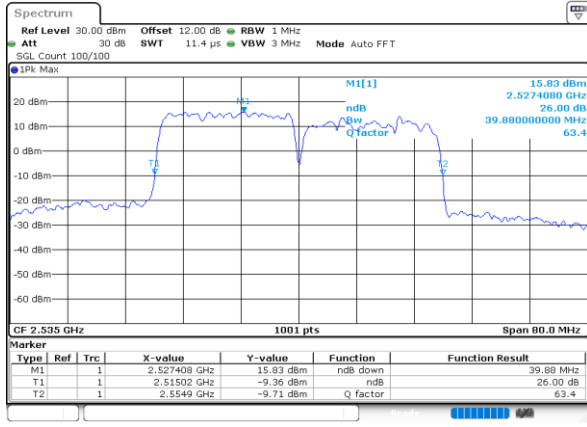


LTE Band 7C

QPSK

Middle Channel / 20MHz+20MHz

N/A

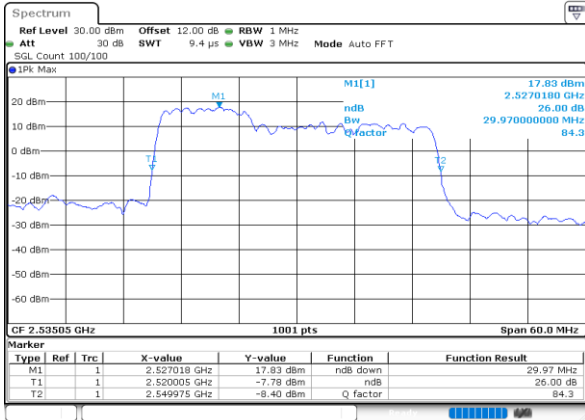




LTE Band 7C

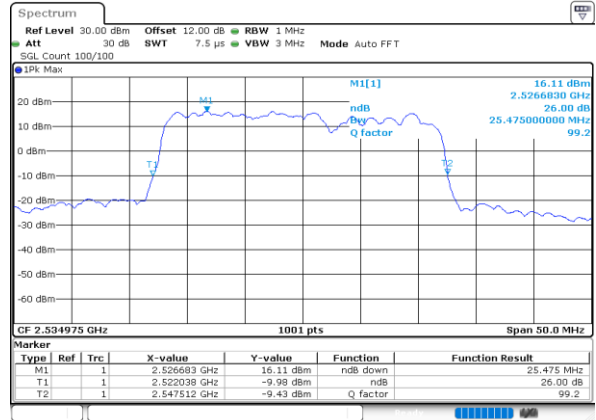
16QAM

Middle Channel / 10MHz+20MHz



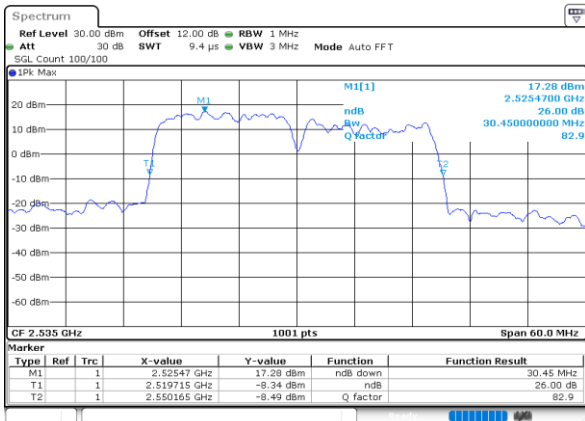
Date: 26.SEP.2022 21:45:52

Middle Channel / 15MHz+10MHz



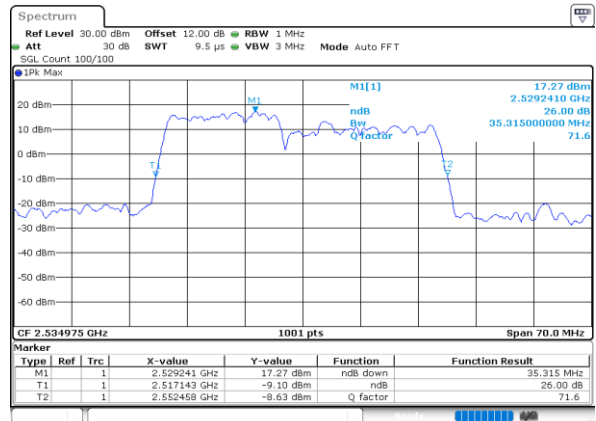
Date: 27.SEP.2022 02:23:15

Middle Channel / 15MHz+15MHz



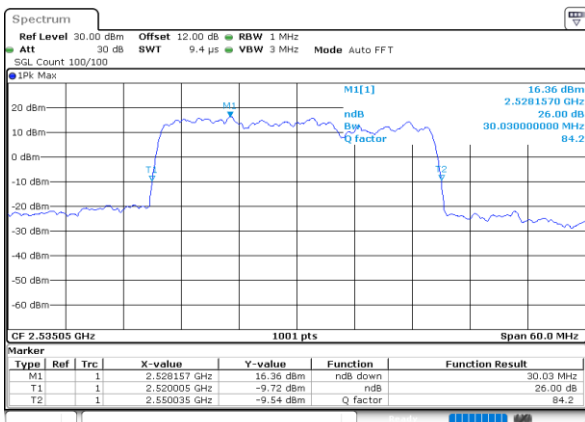
Date: 26.SEP.2022 23:16:13

Middle Channel / 15MHz+20MHz



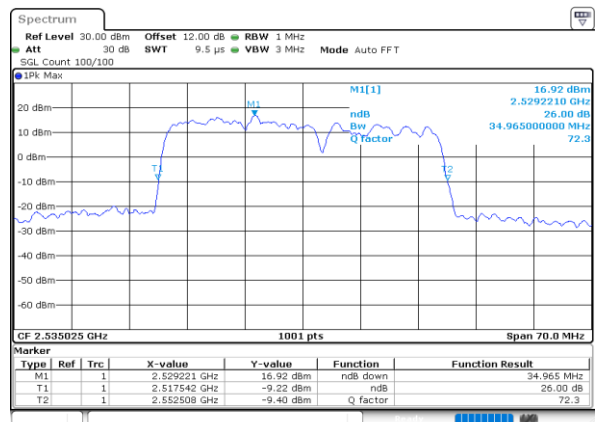
Date: 27.SEP.2022 00:07:38

Middle Channel / 20MHz+10MHz



Date: 26.SEP.2022 22:32:37

Middle Channel / 20MHz+15MHz



Date: 27.SEP.2022 00:15:126