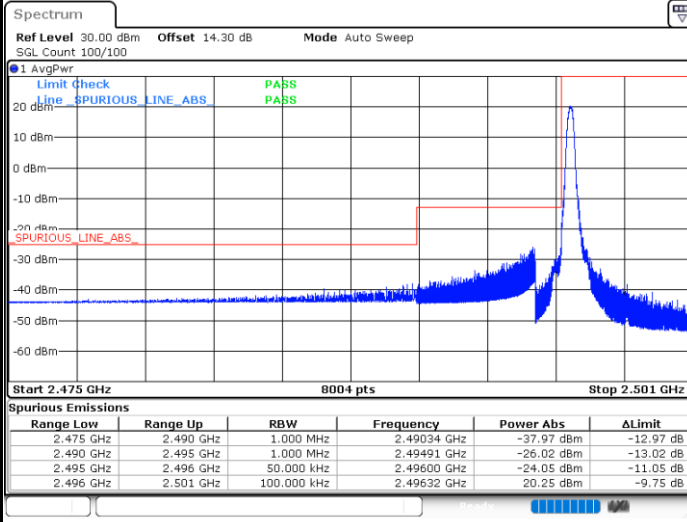




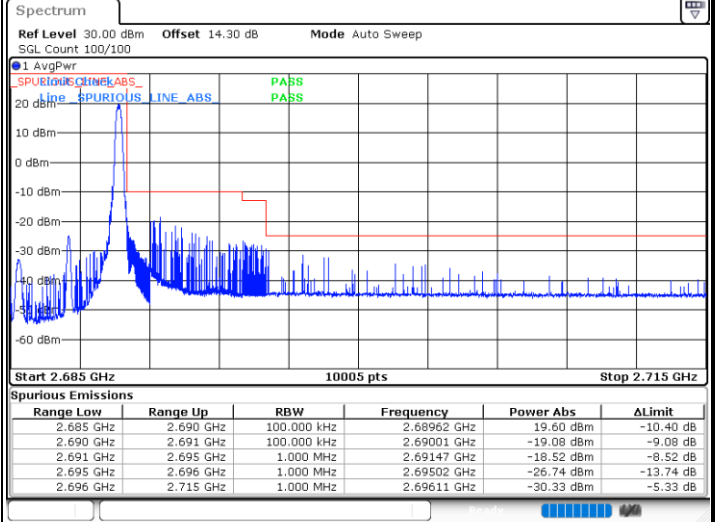
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



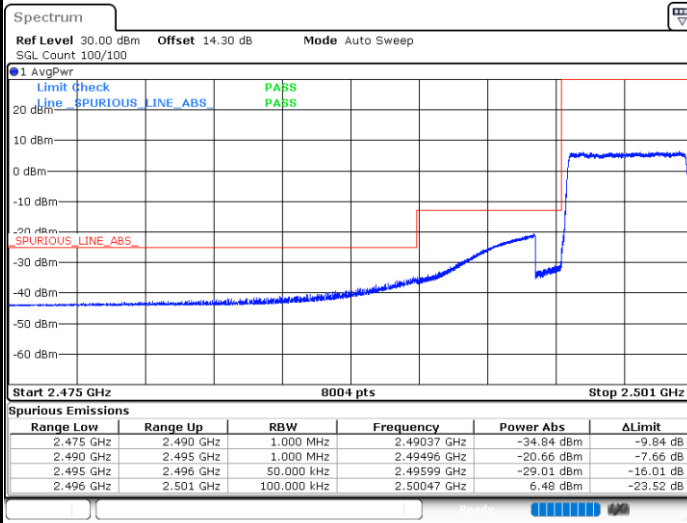
Date: 8.APR.2022 16:28:08

Highest Band Edge / 1 RB



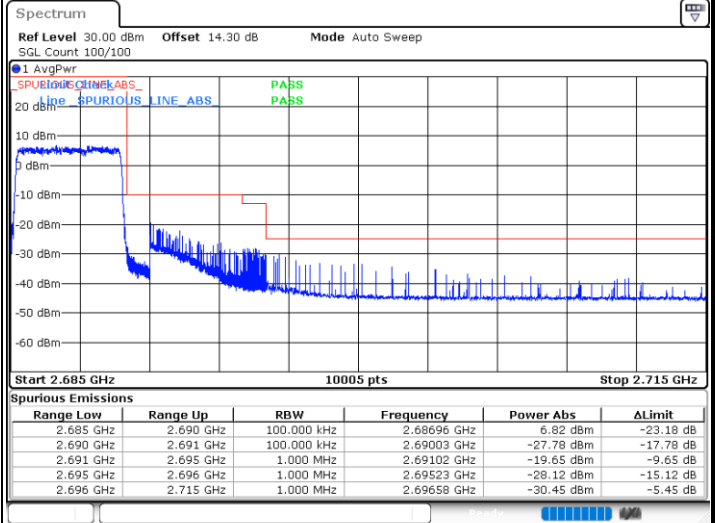
Date: 8.APR.2022 16:29:45

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:28:59

Highest Band Edge / Full RB

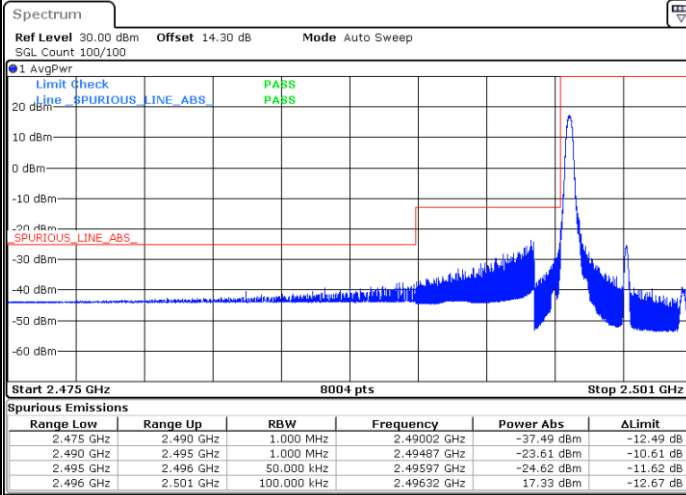


Date: 8.APR.2022 16:30:30



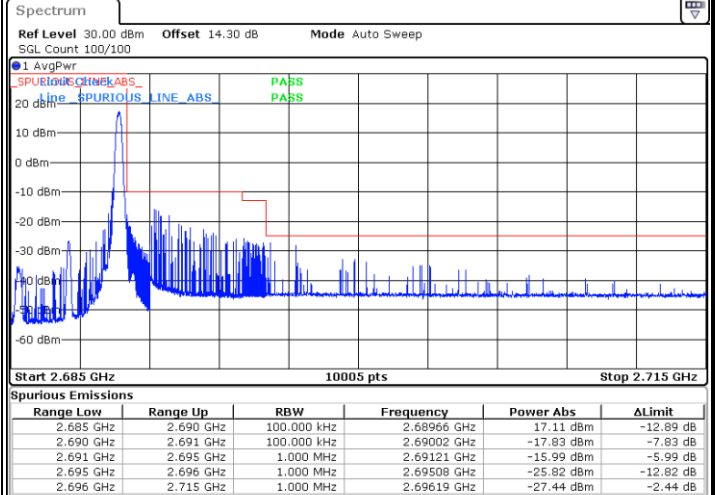
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



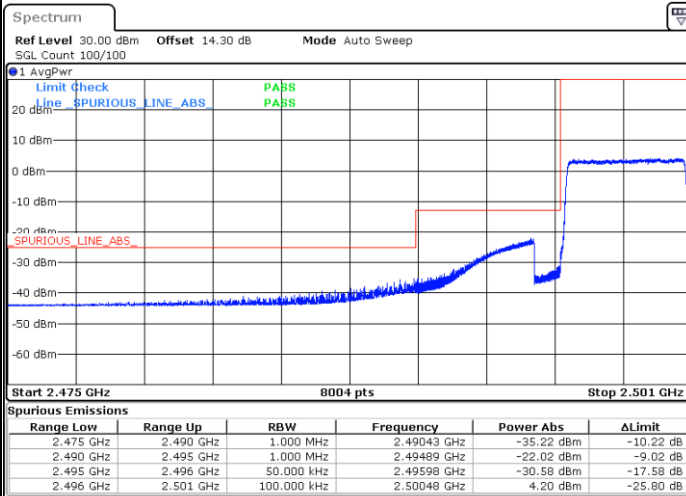
Date: 8.APR.2022 17:13:56

Highest Band Edge / 1 RB



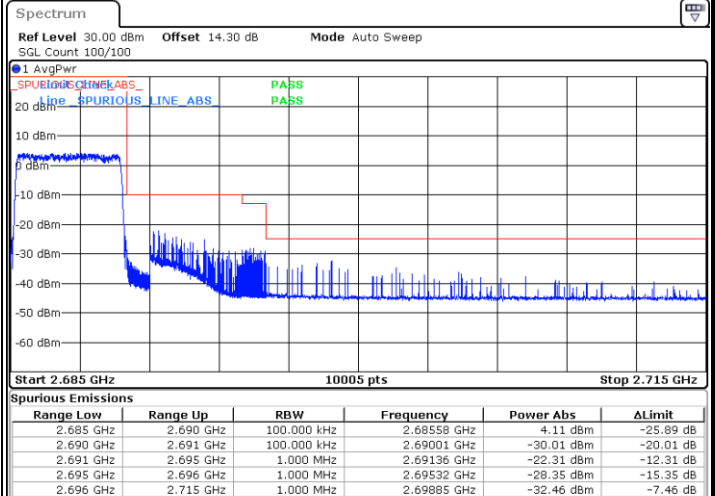
Date: 8.APR.2022 17:15:38

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:14:50

Highest Band Edge / Full RB

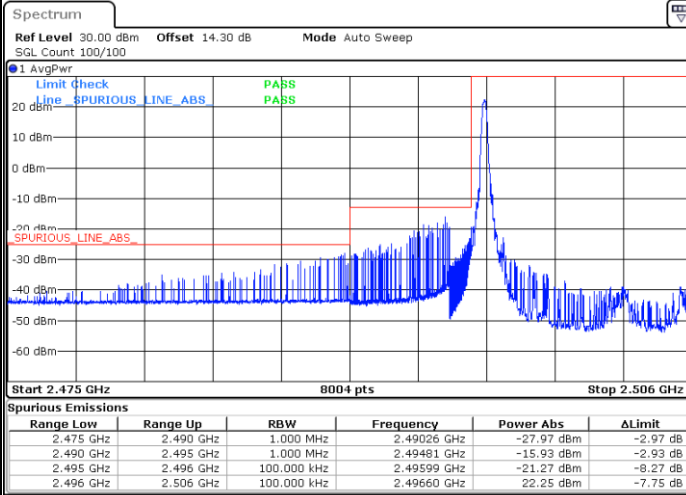


Date: 8.APR.2022 17:16:27



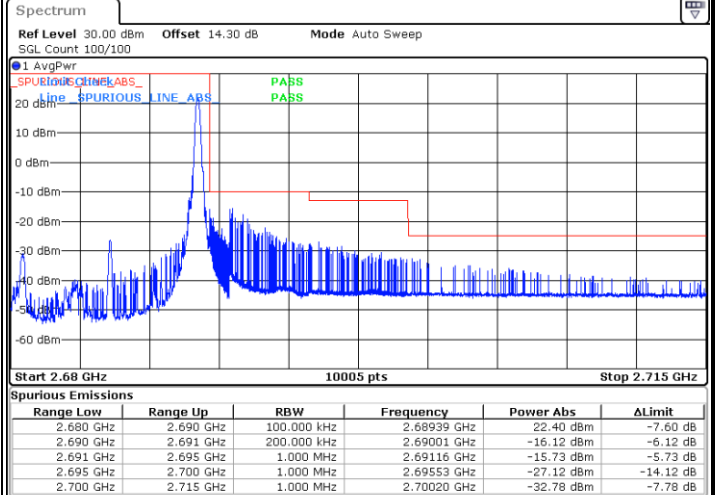
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



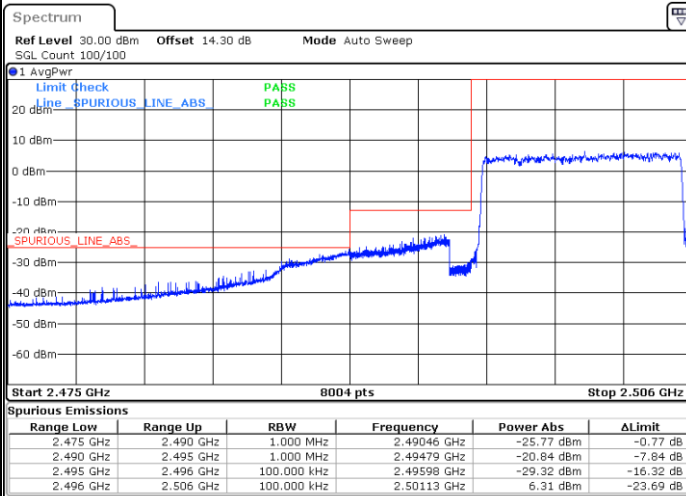
Date: 8.APR.2022 16:35:03

Highest Band Edge / 1 RB



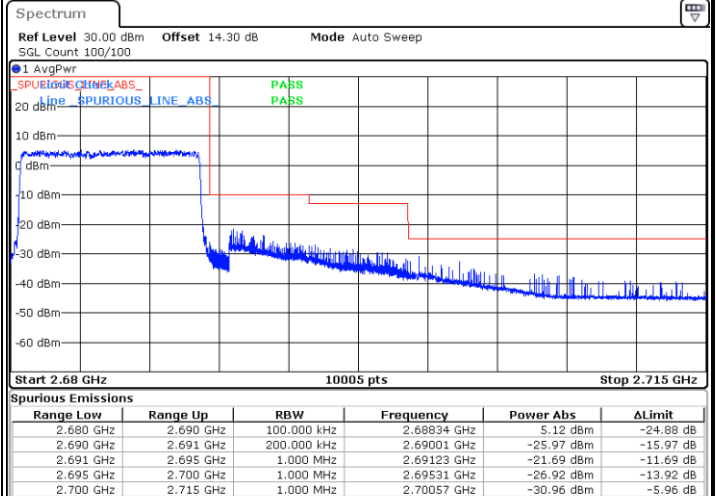
Date: 8.APR.2022 16:38:08

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:36:36

Highest Band Edge / Full RB

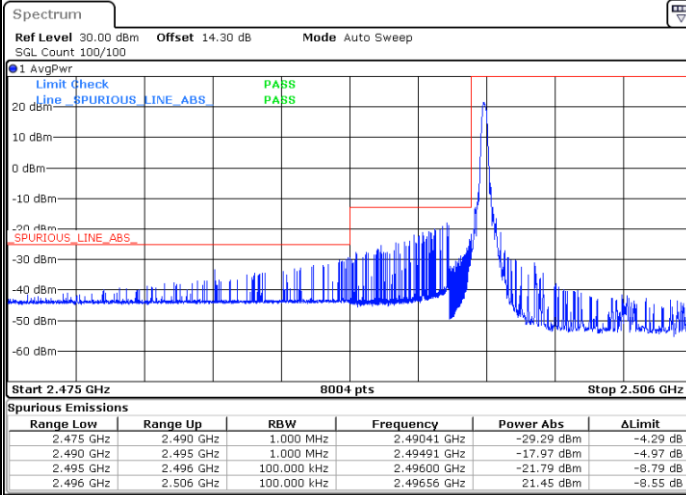


Date: 8.APR.2022 16:39:39



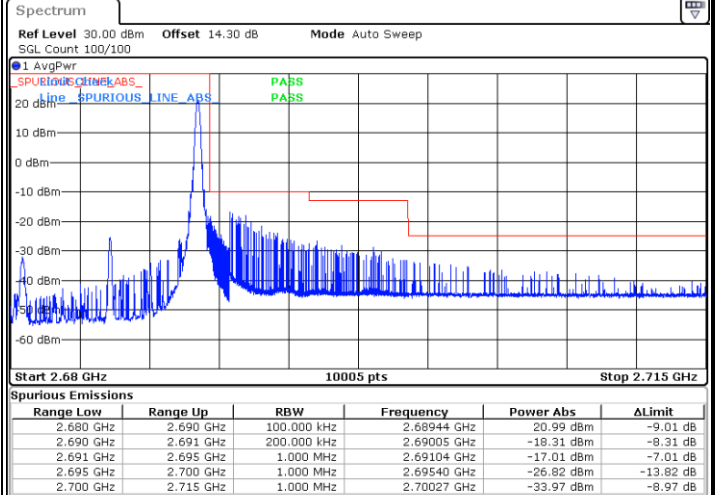
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



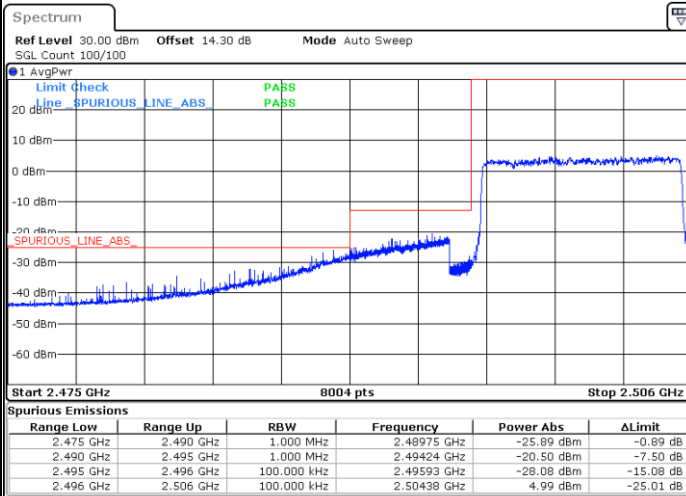
Date: 8.APR.2022 16:35:49

Highest Band Edge / 1 RB



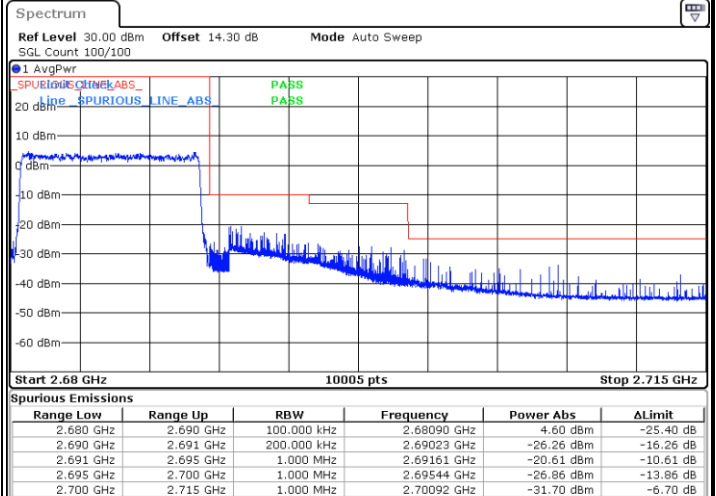
Date: 8.APR.2022 16:38:53

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:37:22

Highest Band Edge / Full RB

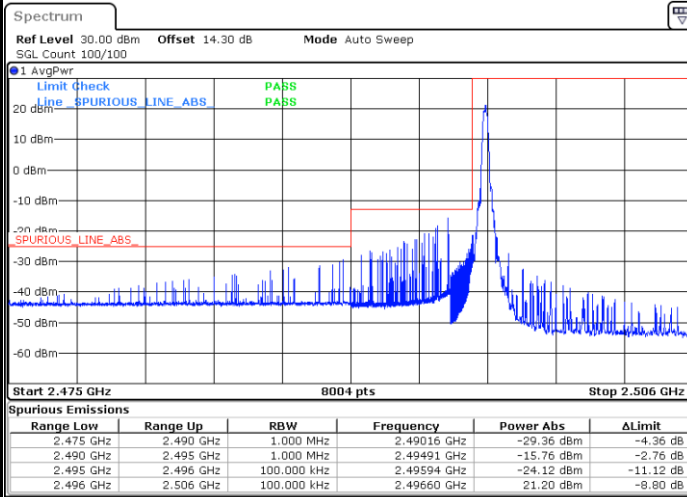


Date: 8.APR.2022 16:40:24



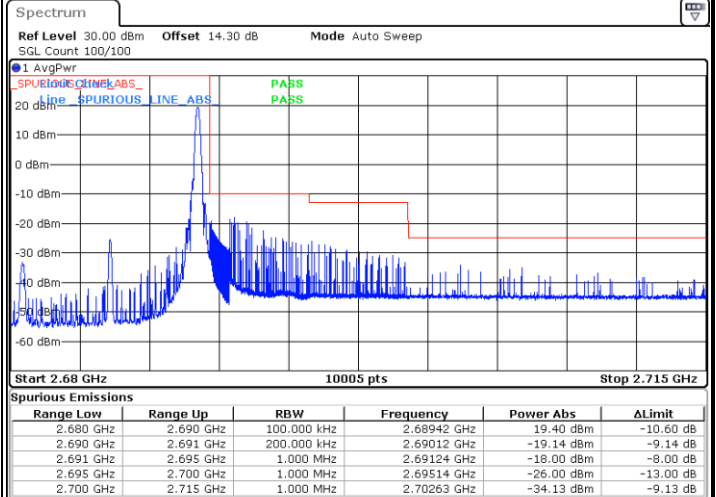
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



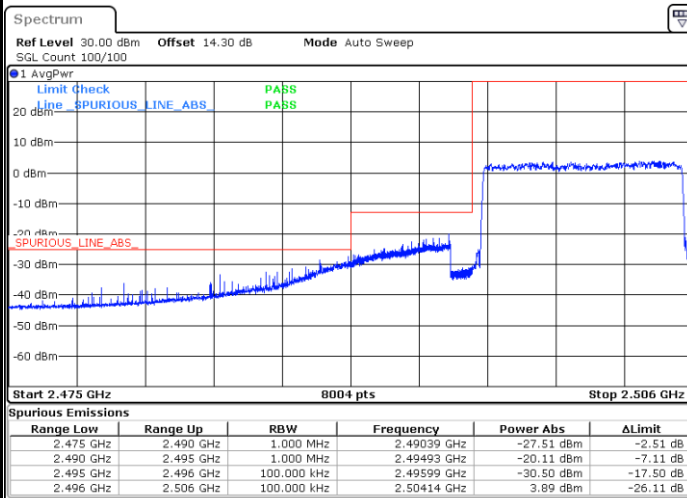
Date: 8.APR.2022 16:41:10

Highest Band Edge / 1 RB



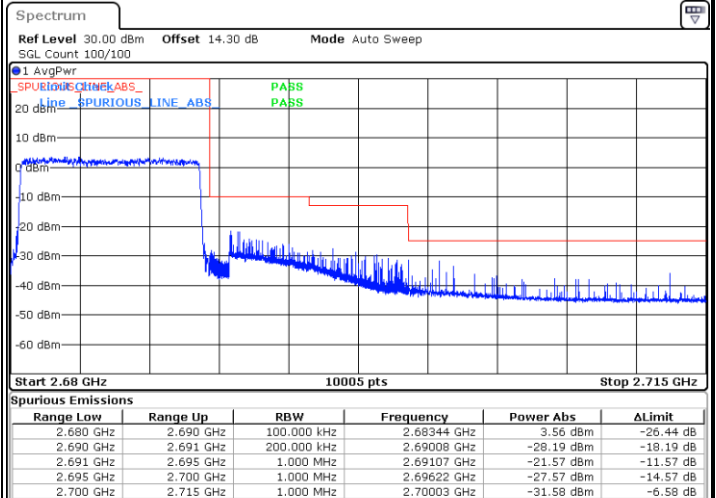
Date: 8.APR.2022 16:42:42

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:41:57

Highest Band Edge / Full RB



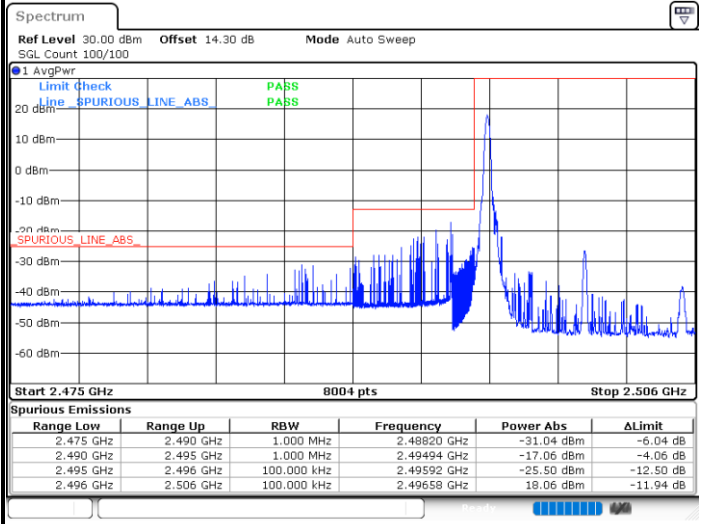
Date: 8.APR.2022 16:43:27



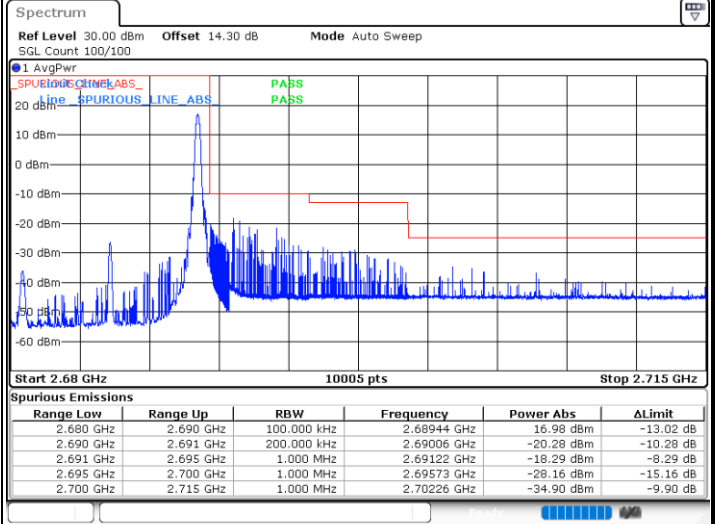
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



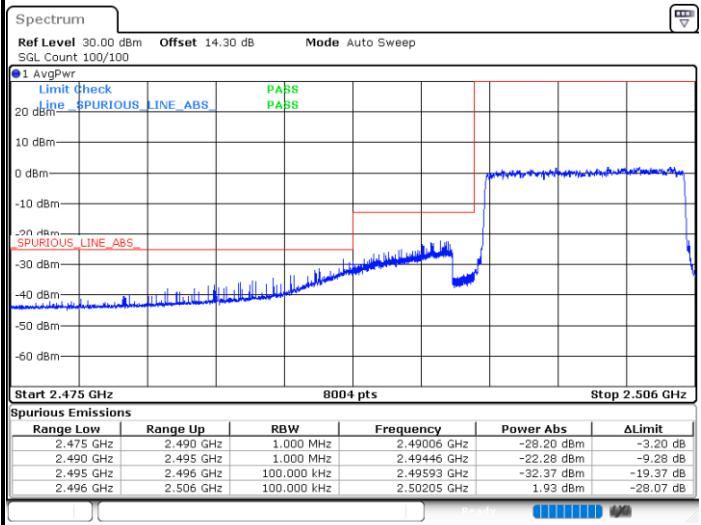
Date: 8.APR.2022 17:18:04



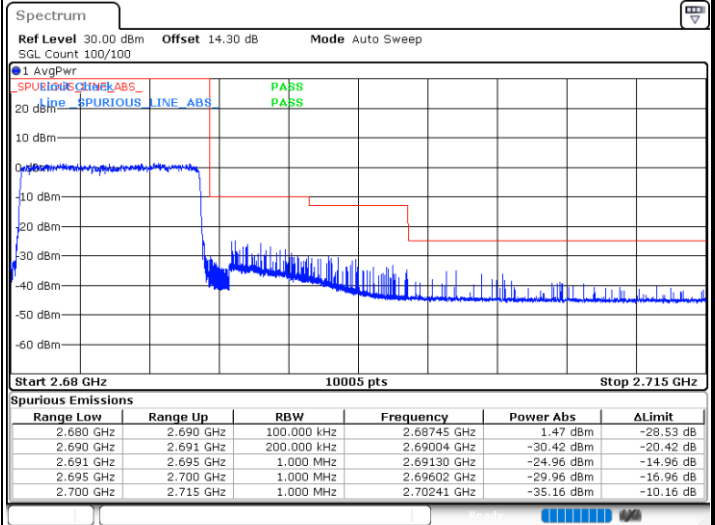
Date: 8.APR.2022 17:19:41

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.APR.2022 17:18:53

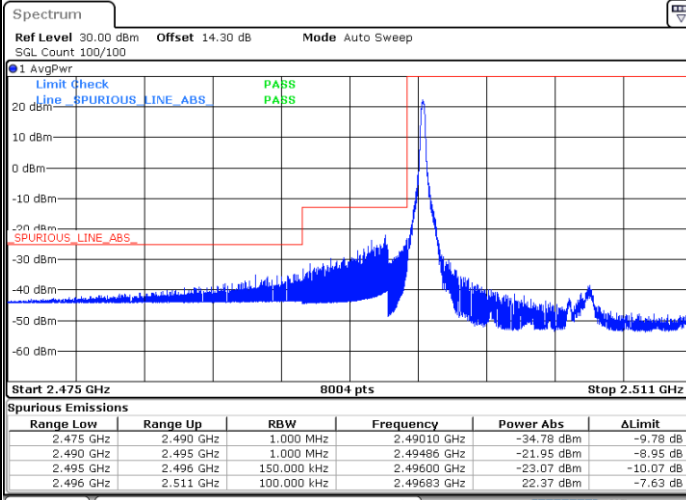


Date: 8.APR.2022 17:20:29



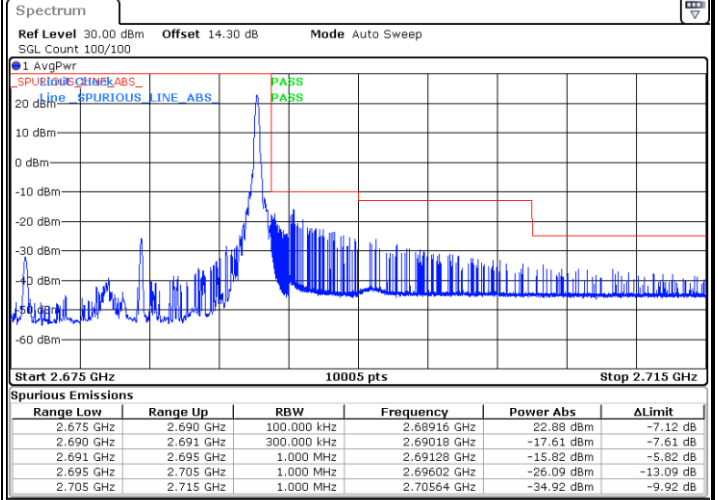
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



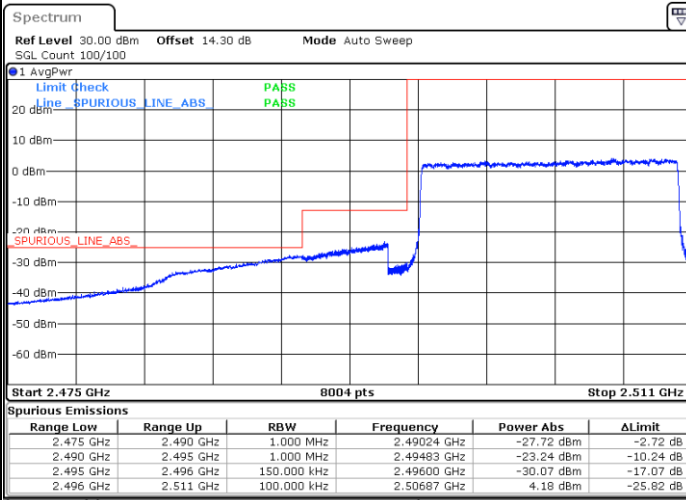
Date: 8.APR.2022 16:51:03

Highest Band Edge / 1 RB



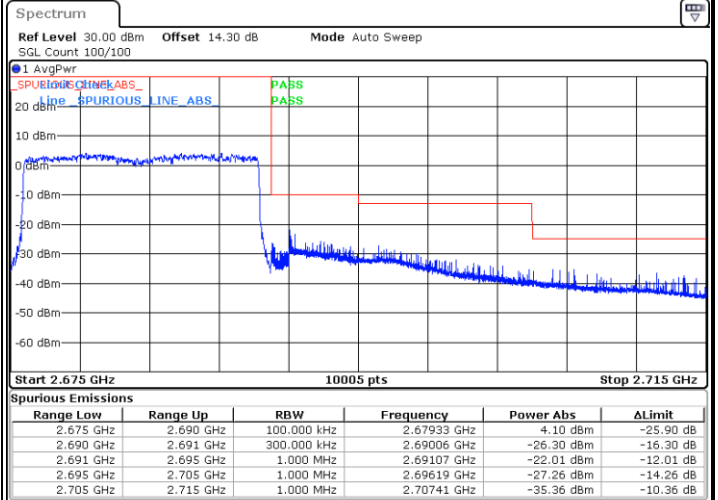
Date: 8.APR.2022 16:54:07

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:52:35

Highest Band Edge / Full RB

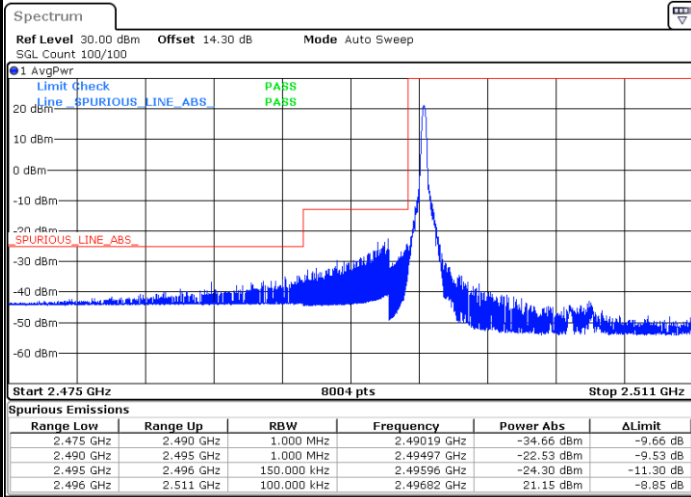


Date: 8.APR.2022 16:55:37



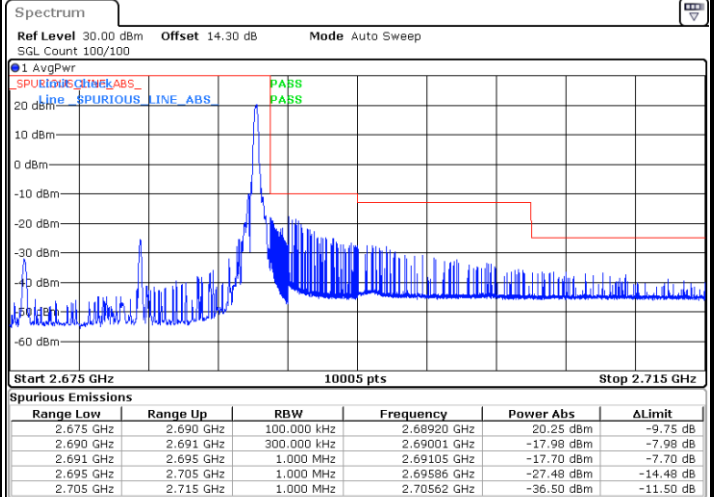
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



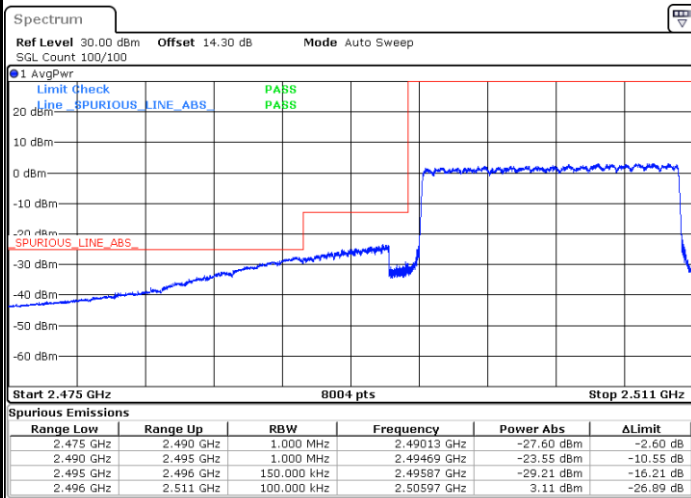
Date: 8.APR.2022 16:51:49

Highest Band Edge / 1 RB



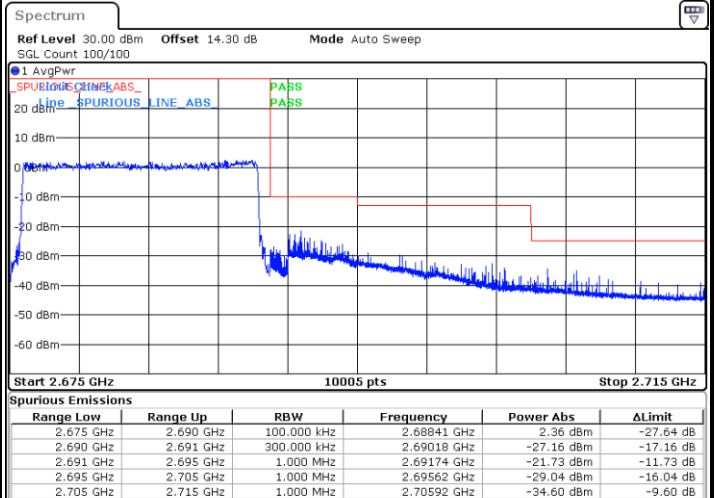
Date: 8.APR.2022 16:54:52

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:53:21

Highest Band Edge / Full RB

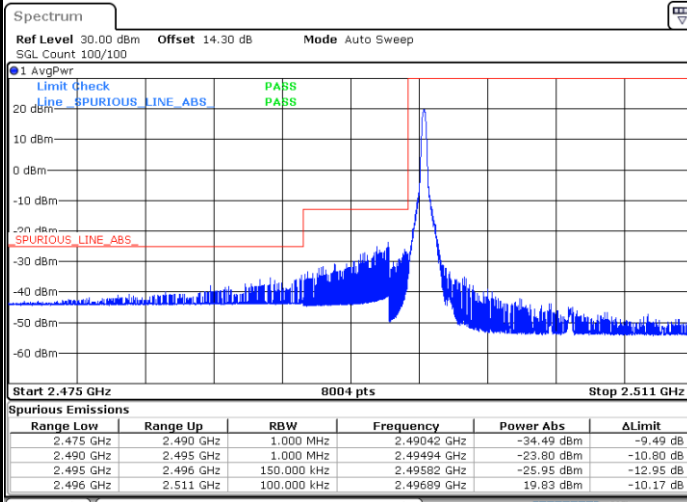


Date: 8.APR.2022 16:56:23



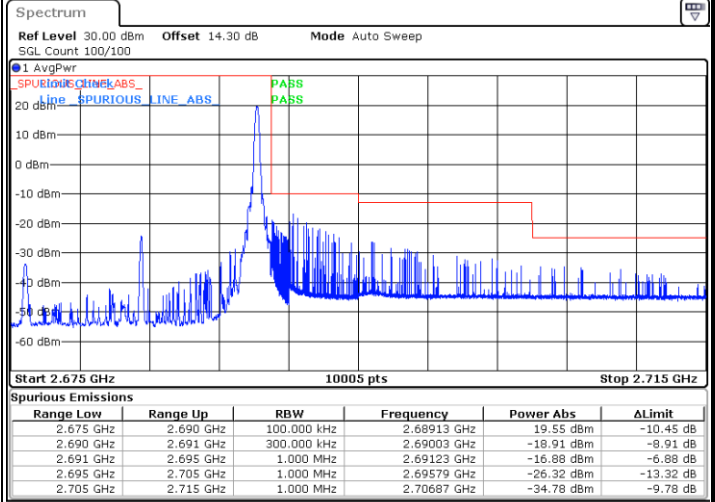
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



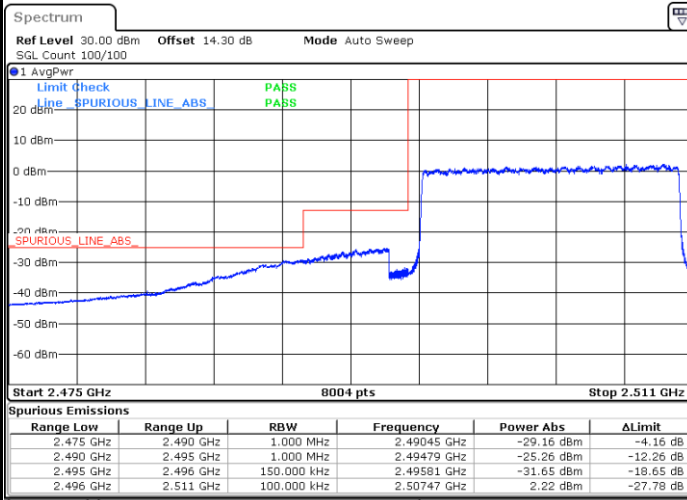
Date: 8.APR.2022 16:48:01

Highest Band Edge / 1 RB



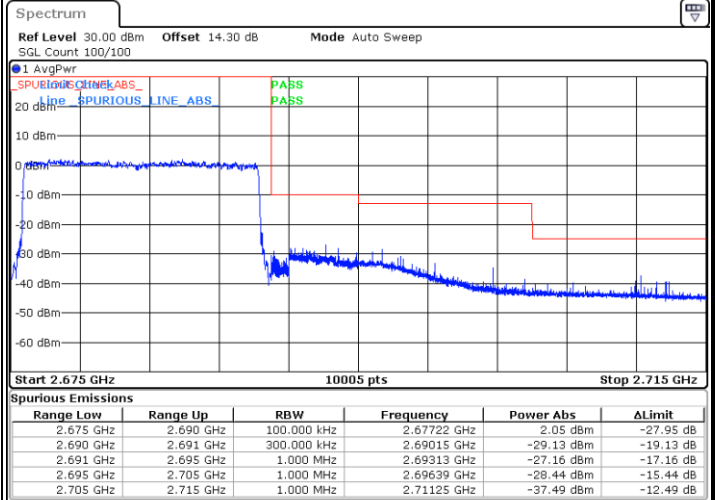
Date: 8.APR.2022 16:49:32

Lowest Band Edge / Full RB



Date: 8.APR.2022 16:48:47

Highest Band Edge / Full RB

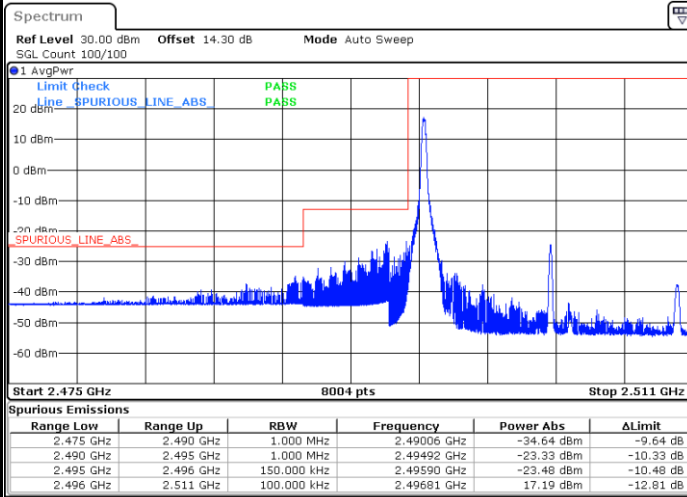


Date: 8.APR.2022 16:50:18



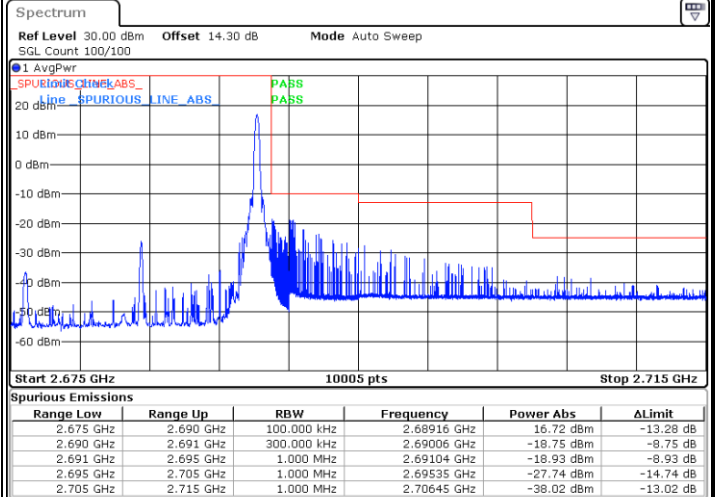
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



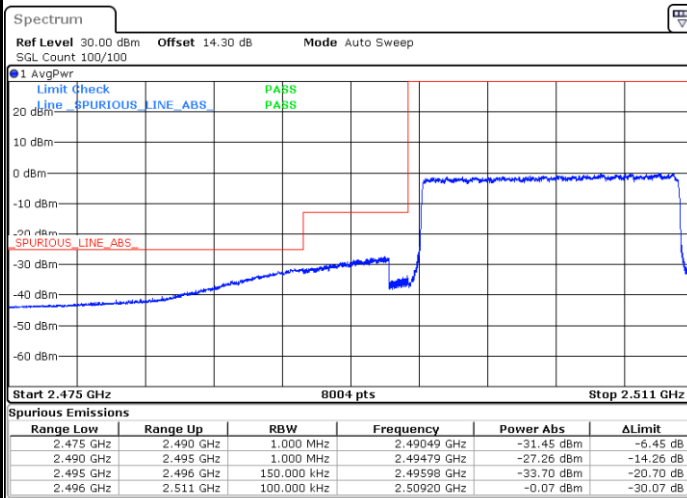
Date: 8.APR.2022 17:22:06

Highest Band Edge / 1 RB



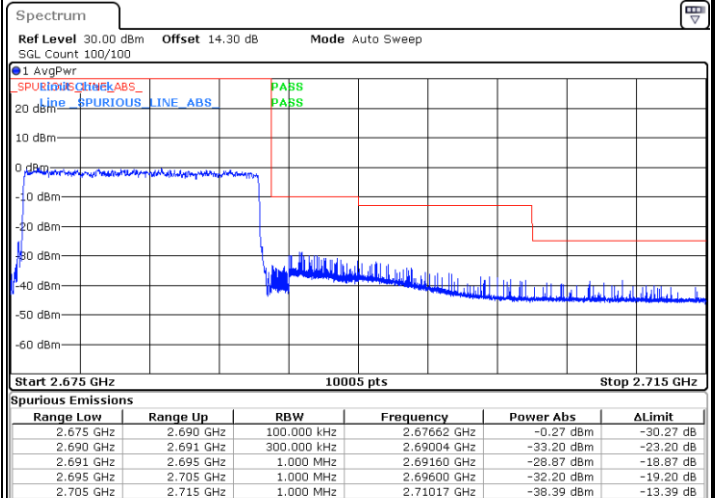
Date: 8.APR.2022 17:23:40

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:22:52

Highest Band Edge / Full RB

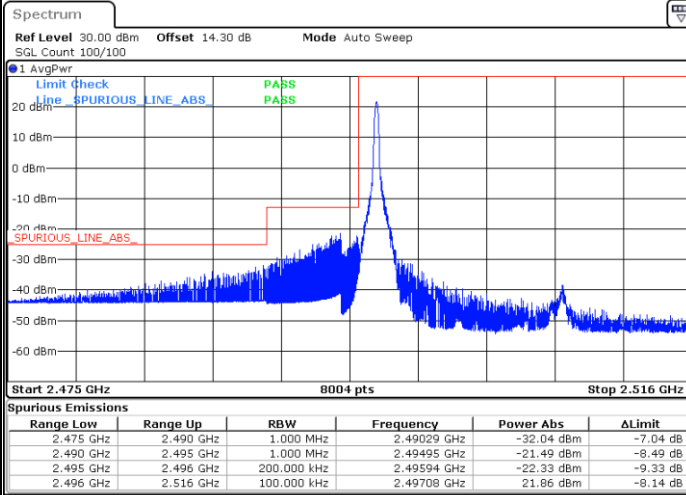


Date: 8.APR.2022 17:24:28



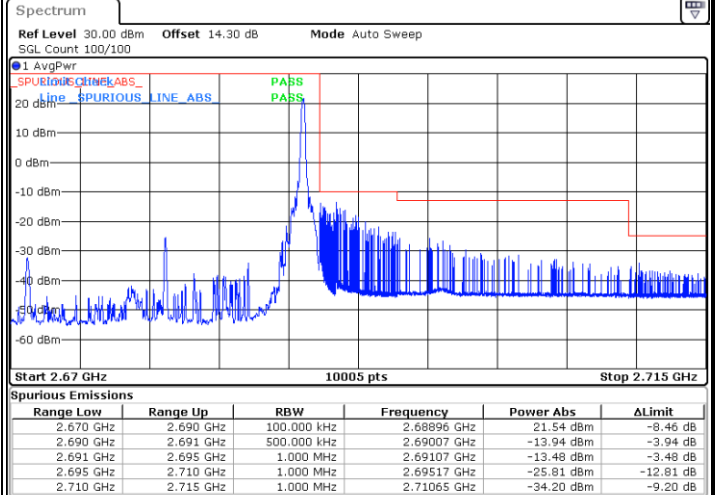
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



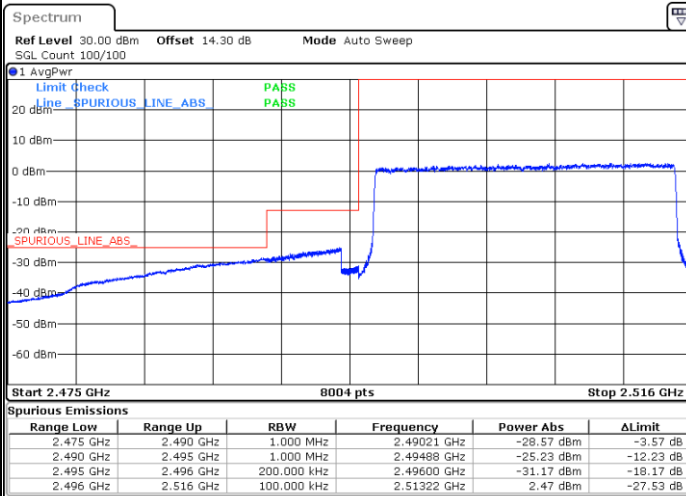
Date: 8.APR.2022 17:00:56

Highest Band Edge / 1 RB



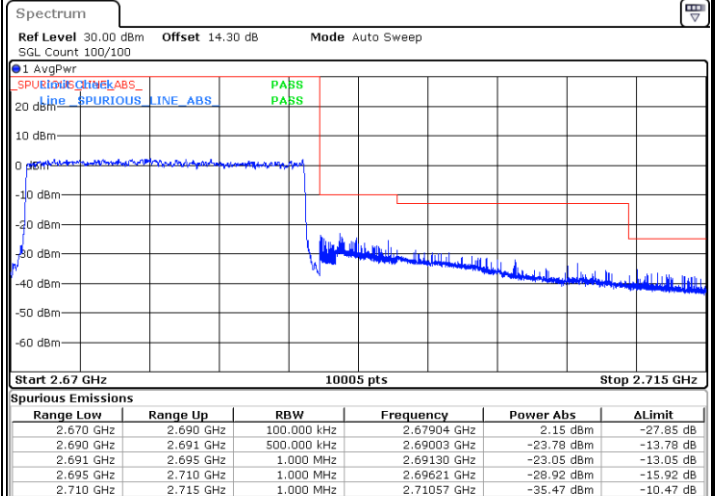
Date: 8.APR.2022 17:03:59

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:02:27

Highest Band Edge / Full RB

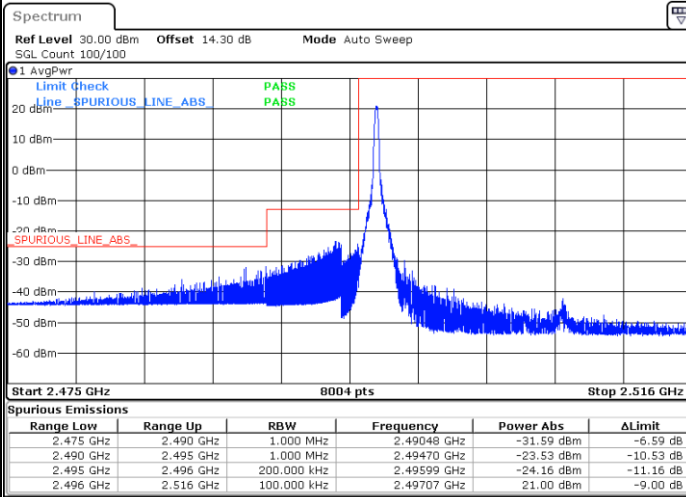


Date: 8.APR.2022 17:06:15



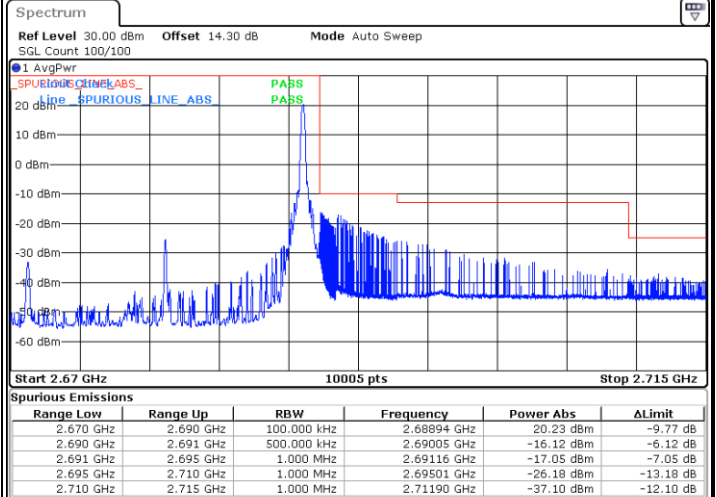
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



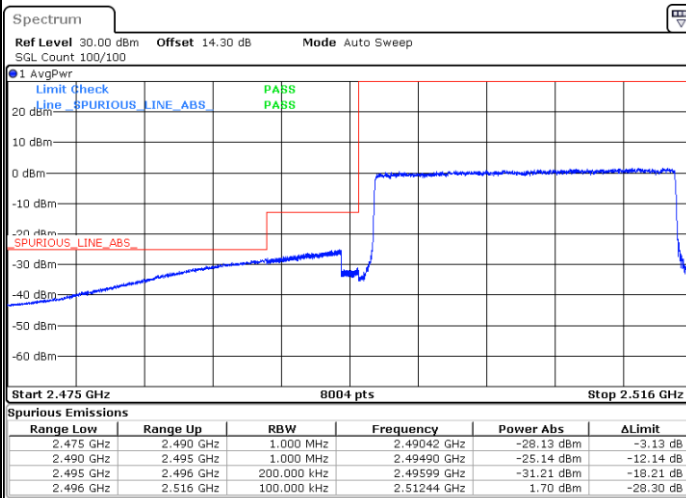
Date: 8.APR.2022 17:01:42

Highest Band Edge / 1 RB



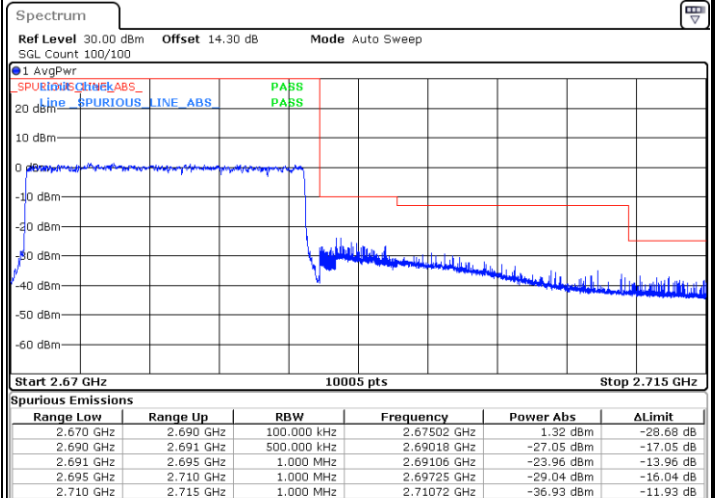
Date: 8.APR.2022 17:04:44

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:03:13

Highest Band Edge / Full RB

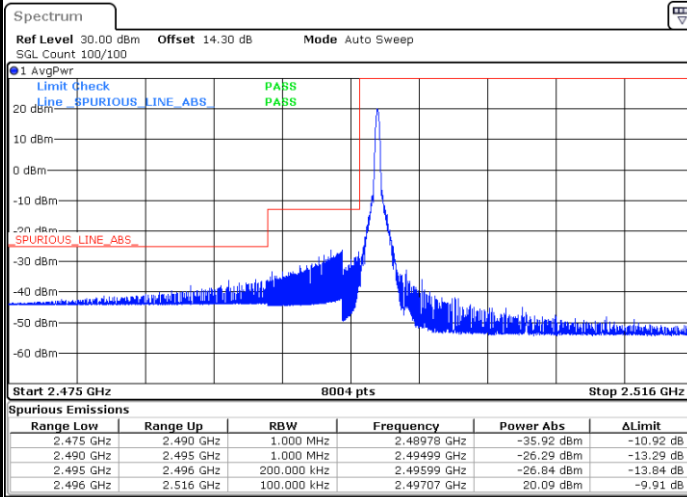


Date: 8.APR.2022 17:05:30



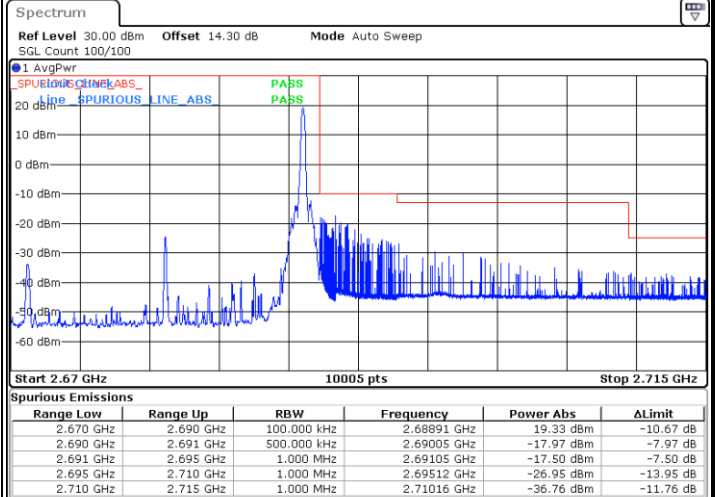
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



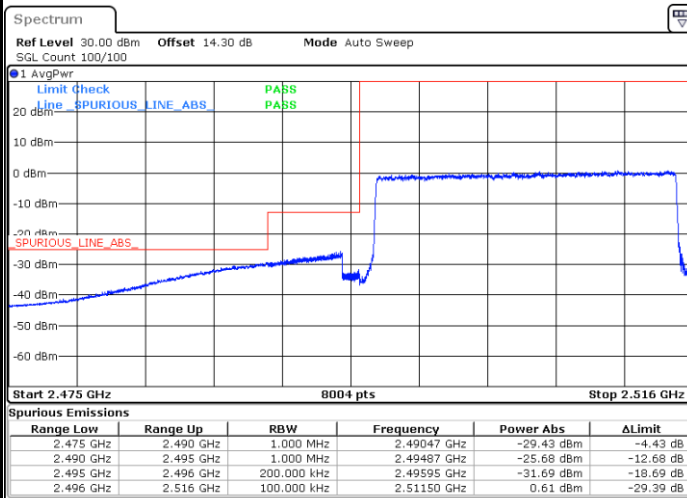
Date: 8.APR.2022 17:07:01

Highest Band Edge / 1 RB



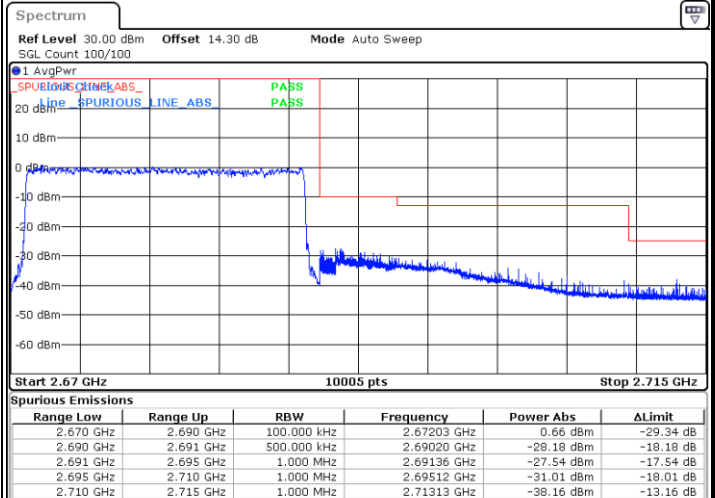
Date: 8.APR.2022 17:08:33

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:07:47

Highest Band Edge / Full RB

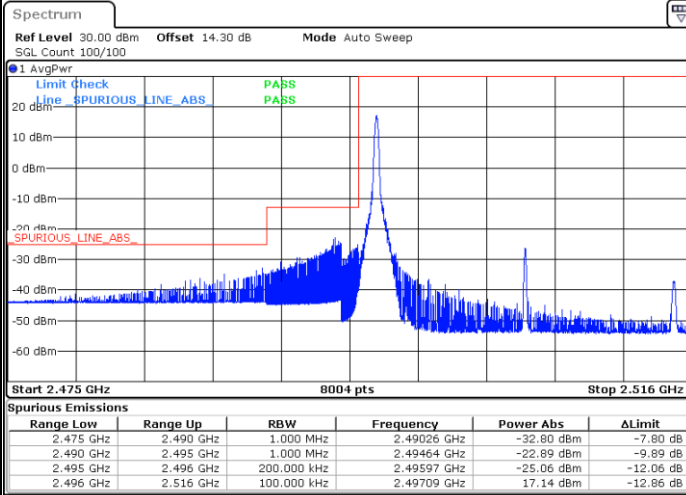


Date: 8.APR.2022 17:09:18



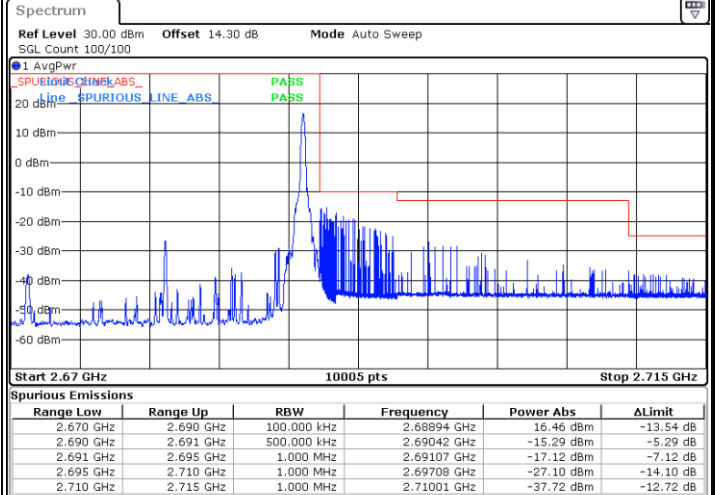
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



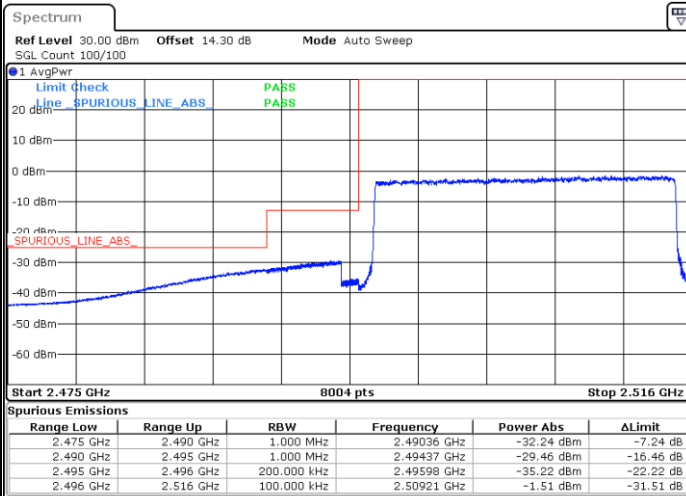
Date: 8.APR.2022 17:26:05

Highest Band Edge / 1 RB



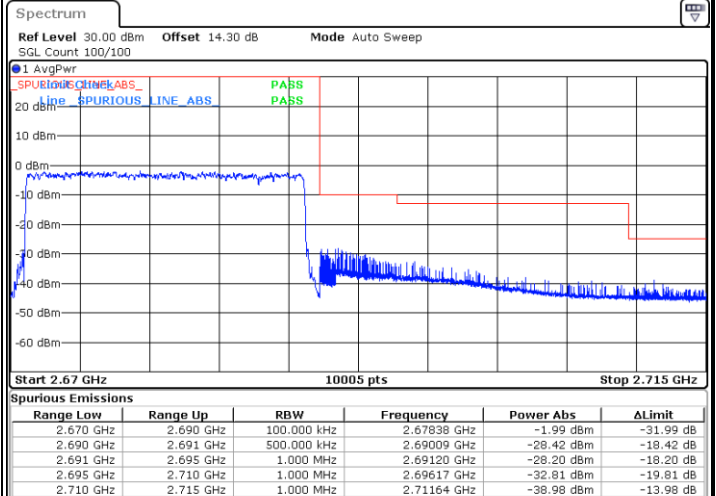
Date: 8.APR.2022 17:27:42

Lowest Band Edge / Full RB



Date: 8.APR.2022 17:26:54

Highest Band Edge / Full RB



Date: 8.APR.2022 17:28:30

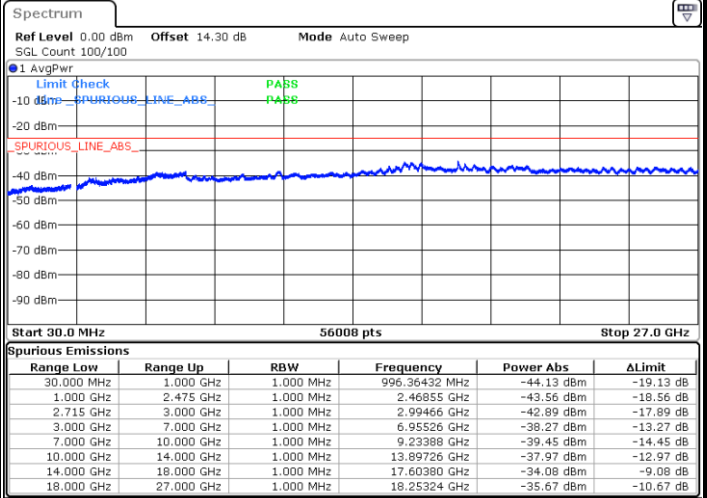
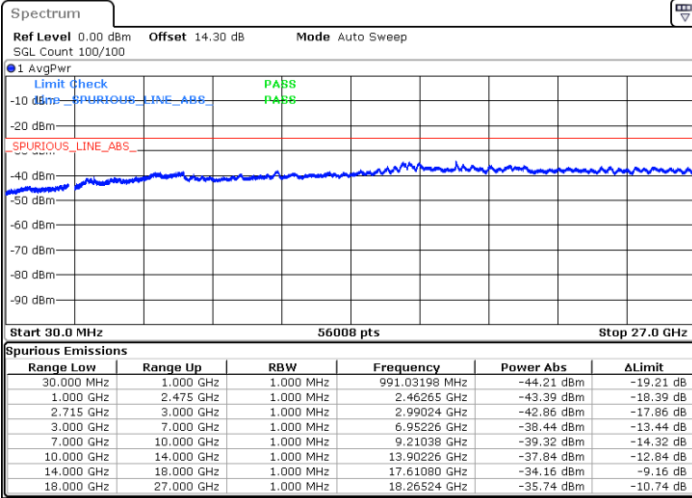


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

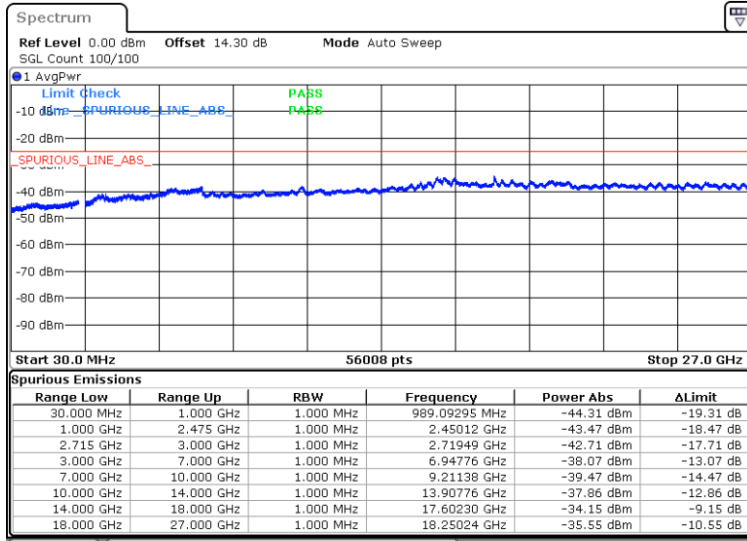
Middle Channel / QPSK



Date: 8.APR.2022 16:31:46

Date: 8.APR.2022 16:33:01

Highest Channel / QPSK



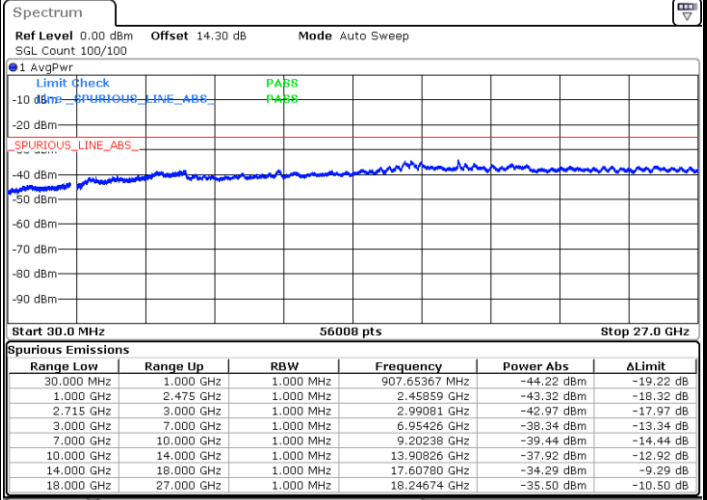
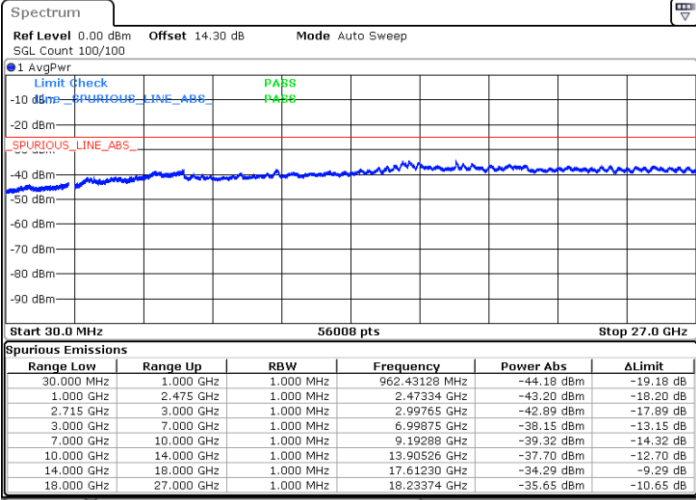
Date: 8.APR.2022 16:34:16



LTE Band 41 / 10MHz

Lowest Channel / QPSK

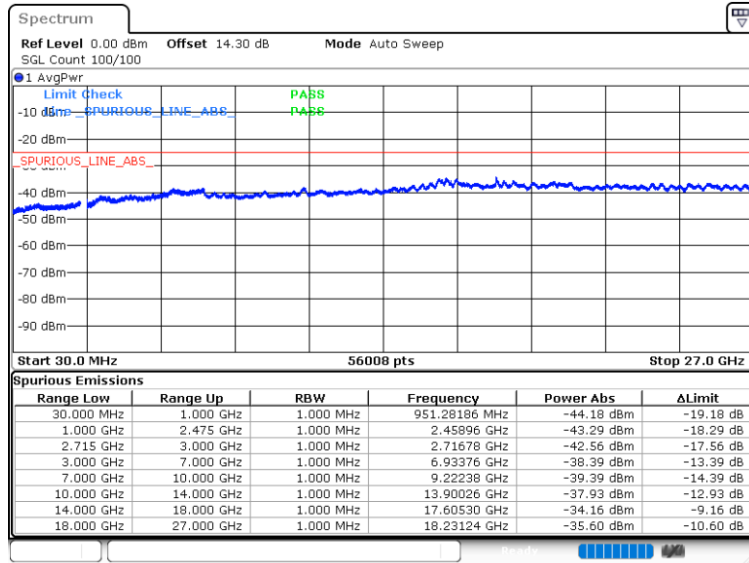
Middle Channel / QPSK



Date: 8.APR.2022 16:44:43

Date: 8.APR.2022 16:45:58

Highest Channel / QPSK



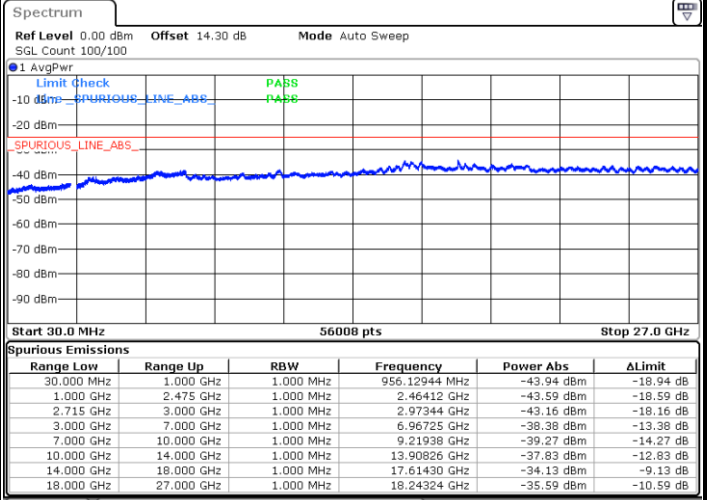
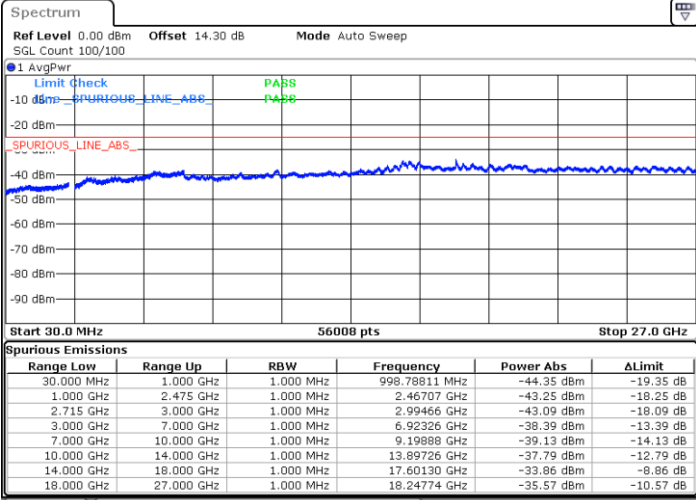
Date: 8.APR.2022 16:47:14



LTE Band 41 / 15MHz

Lowest Channel / QPSK

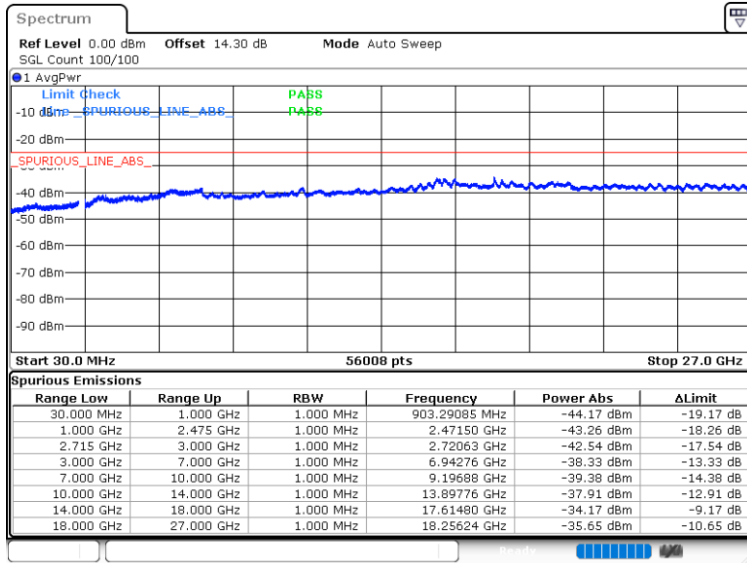
Middle Channel / QPSK



Date: 8.APR.2022 16:57:38

Date: 8.APR.2022 16:58:54

Highest Channel / QPSK



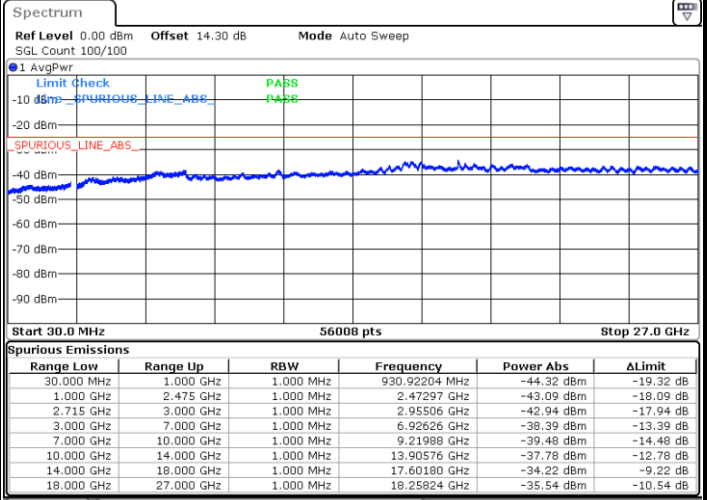
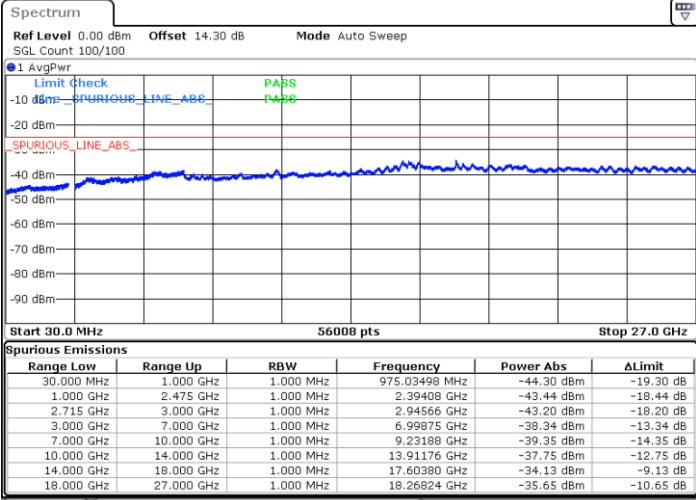
Date: 8.APR.2022 17:00:09



LTE Band 41 / 20MHz

Lowest Channel / QPSK

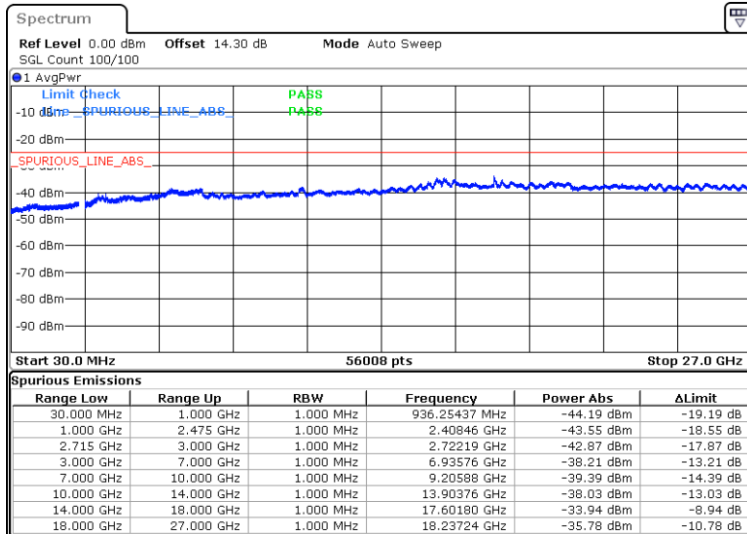
Middle Channel / QPSK



Date: 8.APR.2022 17:10:33

Date: 8.APR.2022 17:11:48

Highest Channel / QPSK



Date: 8.APR.2022 17:13:04



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	0.0007	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0016	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0043	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0057	
20	Maximum Voltage	0.0041	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0013	

Note:

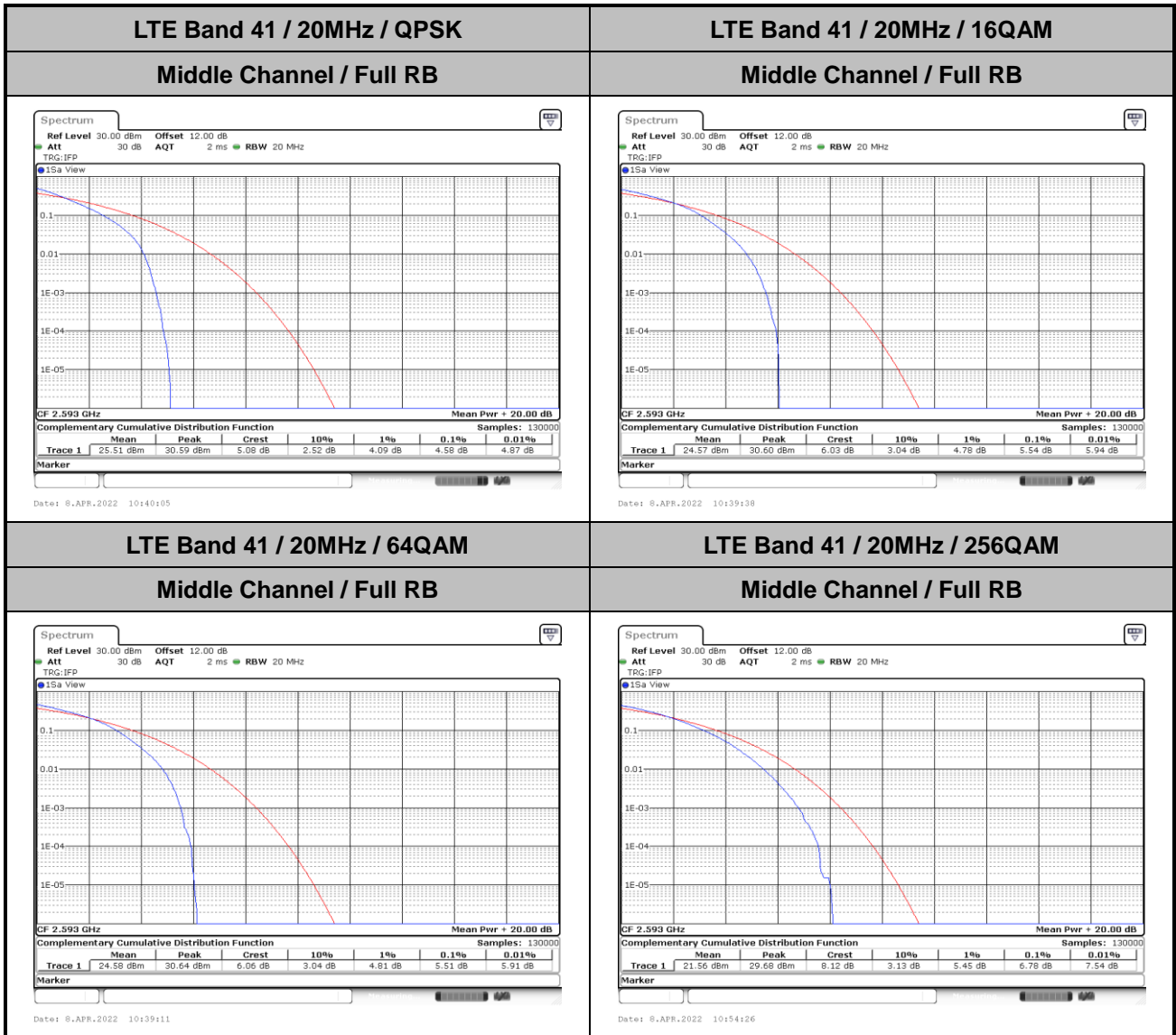
- 1. Normal Voltage = 4.05 V. ; Battery End Point (BEP) = 3.85 V. ; Maximum Voltage = 4.35 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 41_HPUE

Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.58	5.54	5.51	6.78	PASS





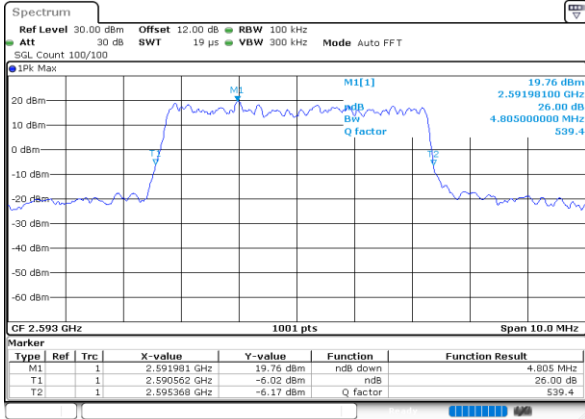
26dB Bandwidth

Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.81	4.75	9.71	9.67	14.24	14.54	18.78	18.94
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.82	4.95	9.63	9.61	14.18	14.42	19.10	18.74



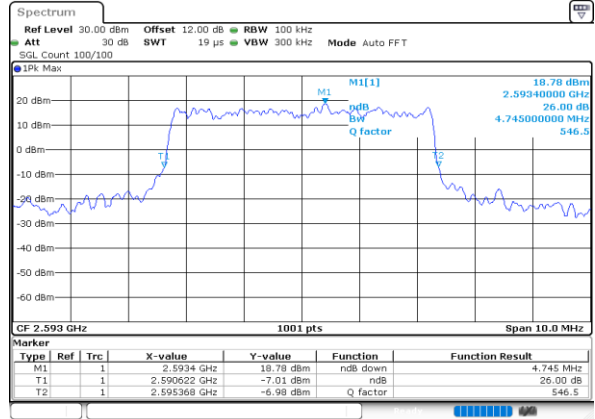
LTE Band 41

Middle Channel / 5MHz / QPSK



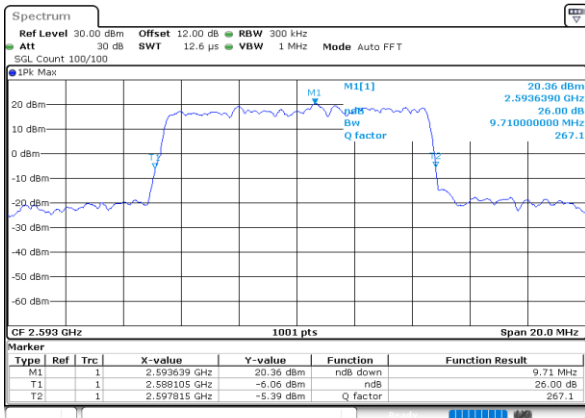
Date: 8.APR.2022 10:30:16

Middle Channel / 5MHz / 16QAM



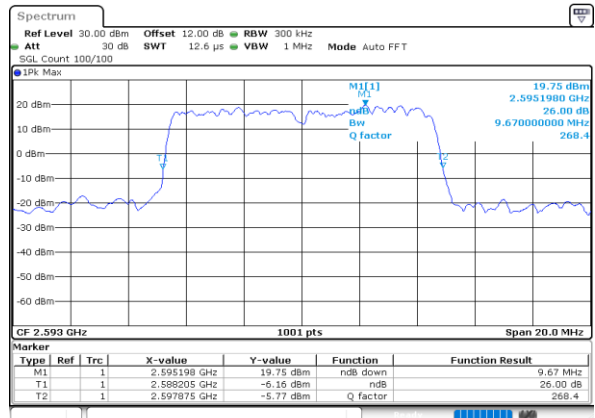
Date: 8.APR.2022 10:31:02

Middle Channel / 10MHz / QPSK



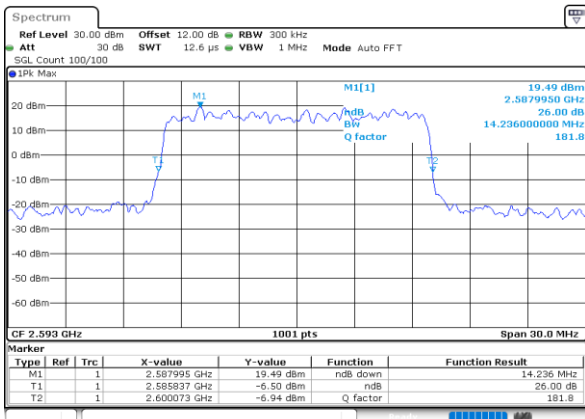
Date: 8.APR.2022 10:33:01

Middle Channel / 10MHz / 16QAM



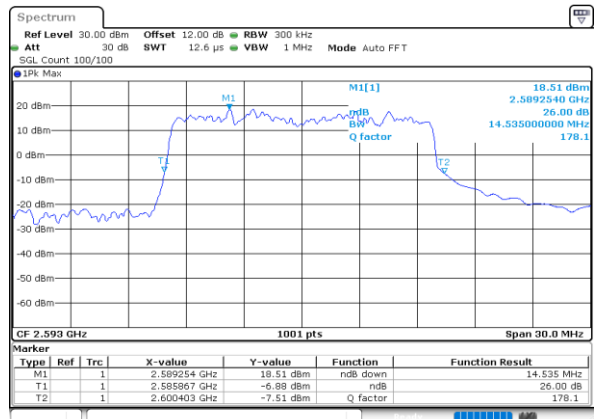
Date: 8.APR.2022 10:33:27

Middle Channel / 15MHz / QPSK



Date: 8.APR.2022 10:35:25

Middle Channel / 15MHz / 16QAM

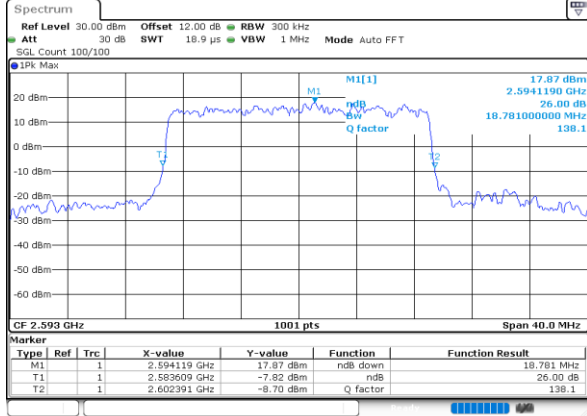


Date: 8.APR.2022 10:35:51



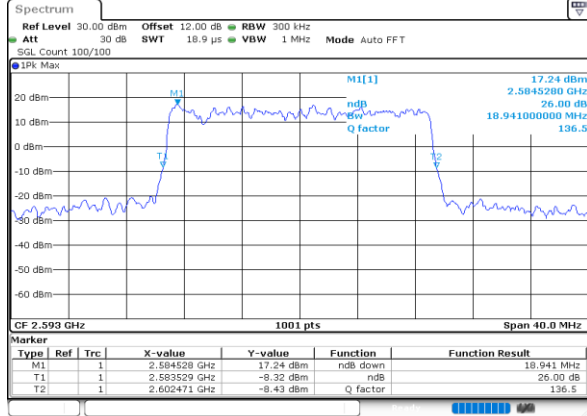
LTE Band 41

Middle Channel / 20MHz / QPSK



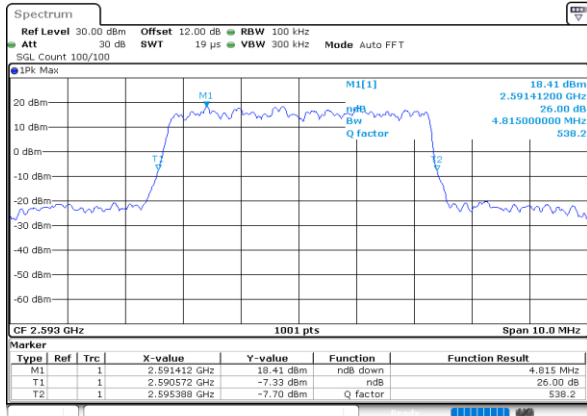
Date: 8.APR.2022 10:37:50

Middle Channel / 20MHz / 16QAM



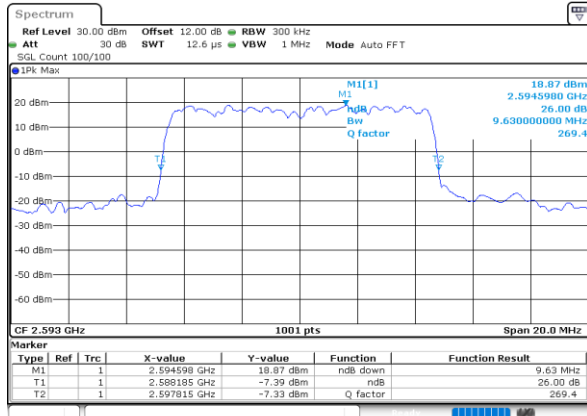
Date: 8.APR.2022 10:38:15

Middle Channel / 5MHz / 64QAM



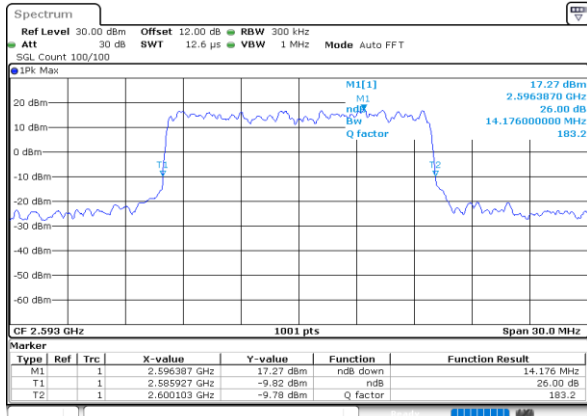
Date: 8.APR.2022 10:31:42

Middle Channel / 10MHz / 64QAM



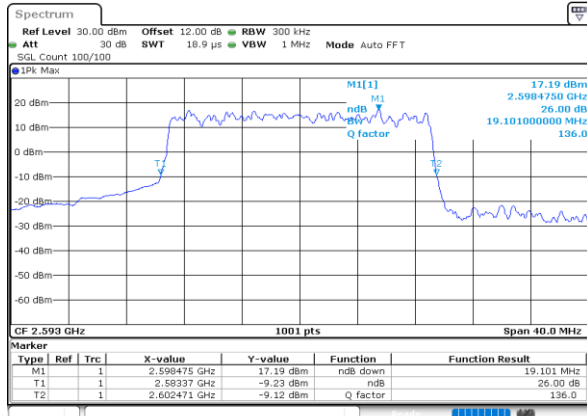
Date: 8.APR.2022 10:34:07

Middle Channel / 15MHz / 64QAM



Date: 8.APR.2022 10:36:13

Middle Channel / 20MHz / 64QAM

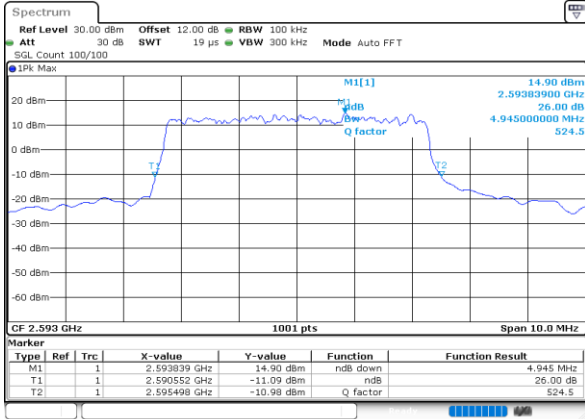


Date: 8.APR.2022 10:38:56



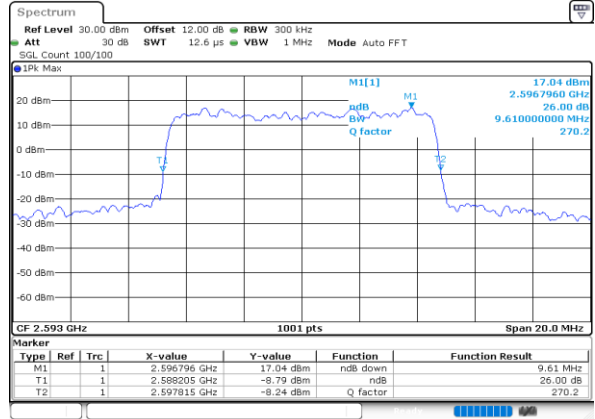
LTE Band 41

Middle Channel / 5MHz / 256QAM



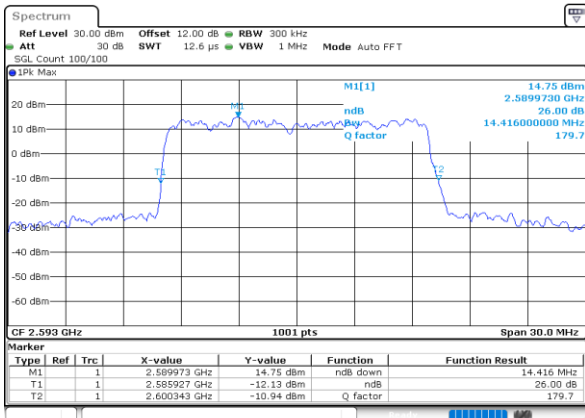
Date: 8.APR.2022 10:52:10

Middle Channel / 10MHz / 256QAM



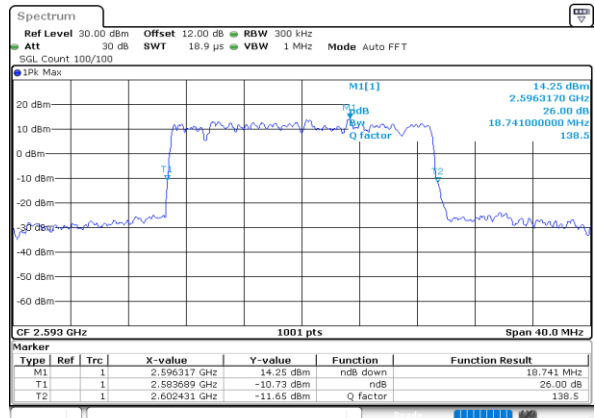
Date: 8.APR.2022 10:52:50

Middle Channel / 15MHz / 256QAM



Date: 8.APR.2022 10:53:31

Middle Channel / 20MHz / 256QAM



Date: 8.APR.2022 10:54:11



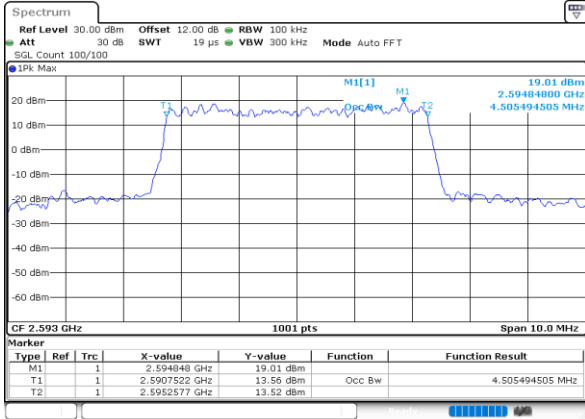
Occupied Bandwidth

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	-	-	-	-	4.51	4.48	9.01	9.07	13.58	13.49	17.86	17.90
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Middle CH	-	-	-	-	4.51	4.48	9.01	9.03	13.43	13.52	17.86	17.94



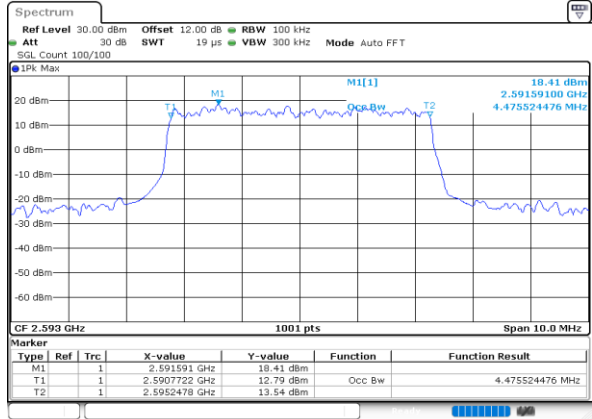
LTE Band 41

Middle Channel / 5MHz / QPSK



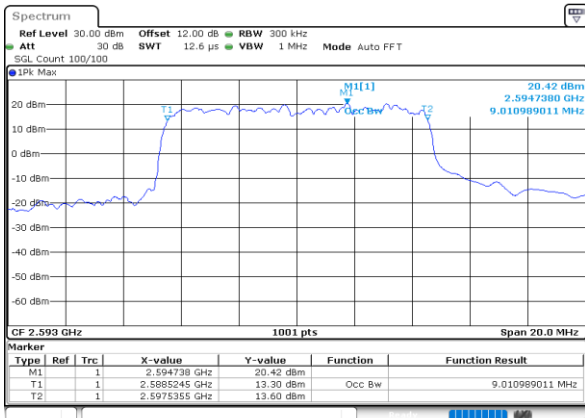
Date: 8.APR.2022 10:29:44

Middle Channel / 5MHz / 16QAM



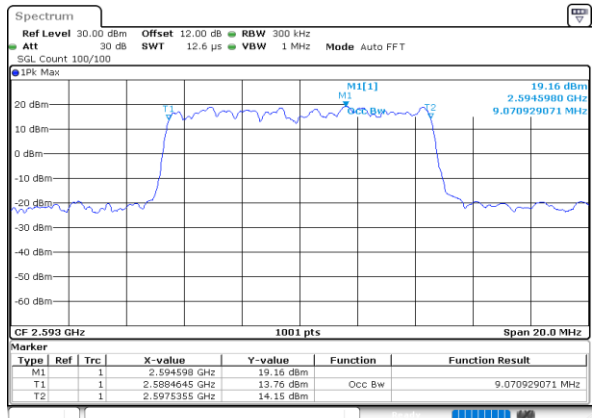
Date: 8.APR.2022 10:30:10

Middle Channel / 10MHz / QPSK



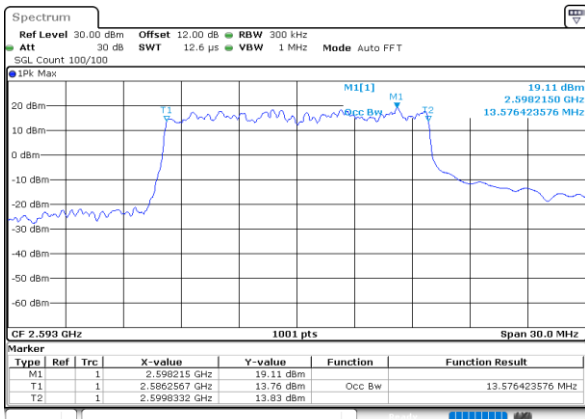
Date: 8.APR.2022 10:32:09

Middle Channel / 10MHz / 16QAM



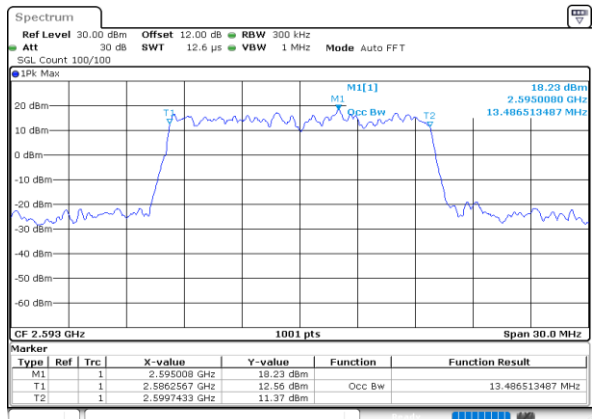
Date: 8.APR.2022 10:32:35

Middle Channel / 15MHz / QPSK



Date: 8.APR.2022 10:34:33

Middle Channel / 15MHz / 16QAM

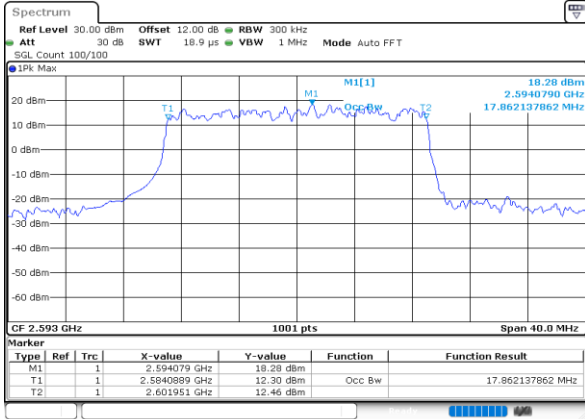


Date: 8.APR.2022 10:34:59



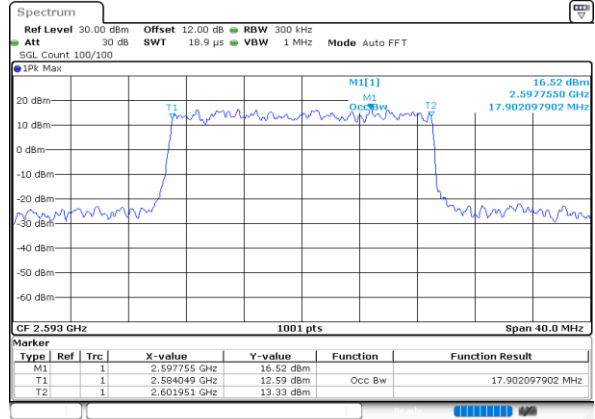
LTE Band 41

Middle Channel / 20MHz / QPSK



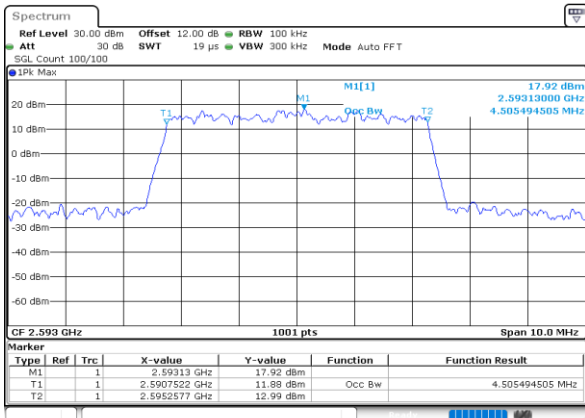
Date: 8.APR.2022 10:36:58

Middle Channel / 20MHz / 16QAM



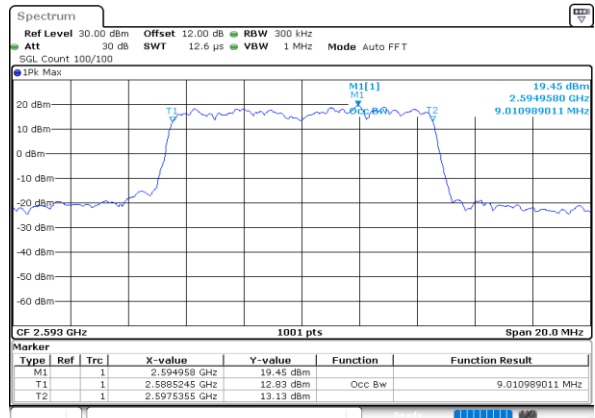
Date: 8.APR.2022 10:37:24

Middle Channel / 5MHz / 64QAM



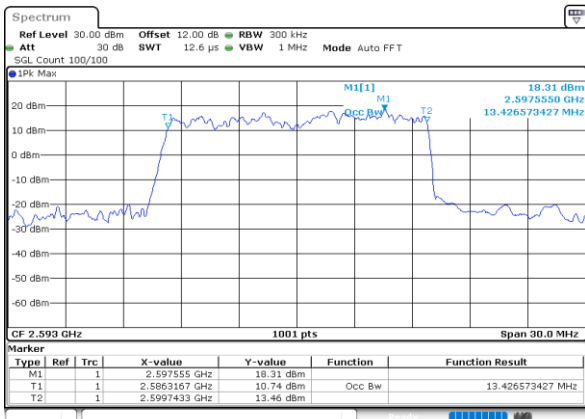
Date: 8.APR.2022 10:31:28

Middle Channel / 10MHz / 64QAM



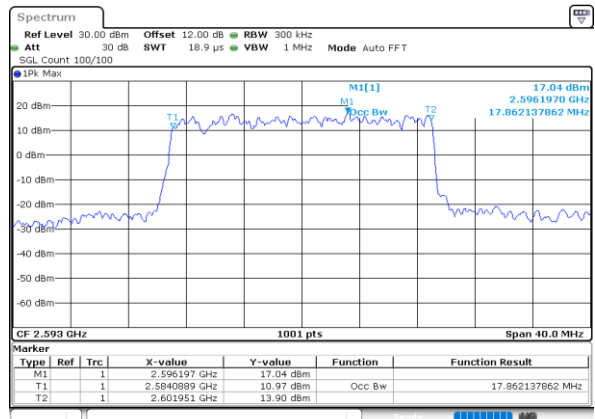
Date: 8.APR.2022 10:33:53

Middle Channel / 15MHz / 64QAM



Date: 8.APR.2022 10:36:17

Middle Channel / 20MHz / 64QAM



Date: 8.APR.2022 10:38:42