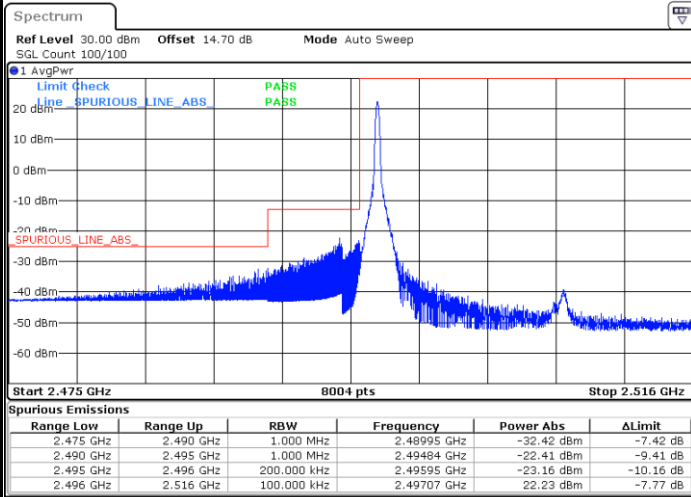




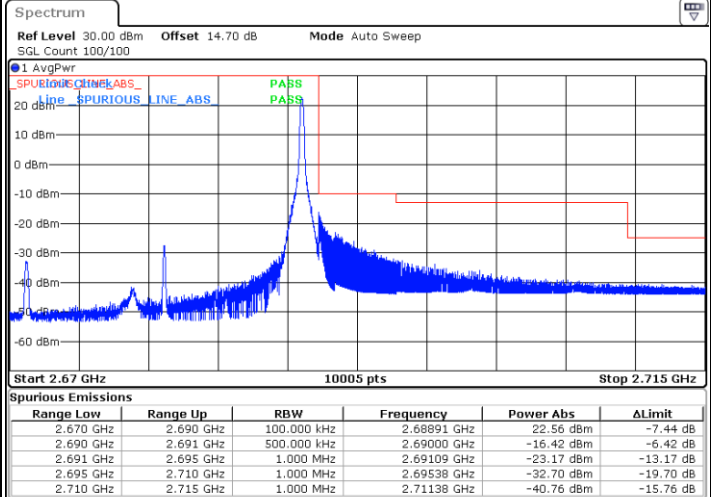
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



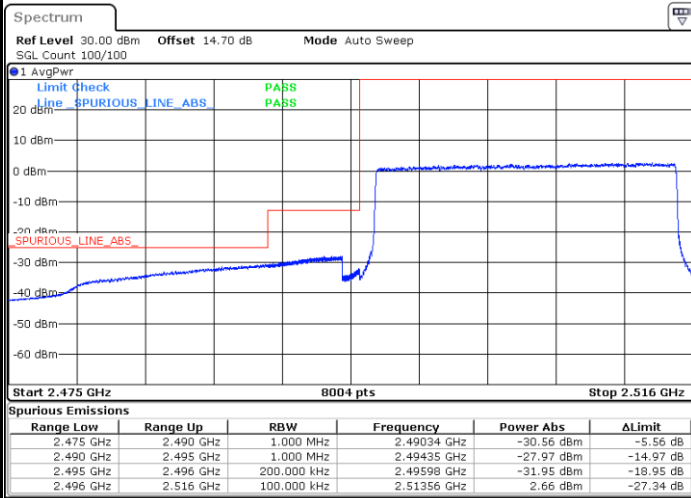
Date: 12.OCT.2022 19:04:39

Highest Band Edge / 1 RB



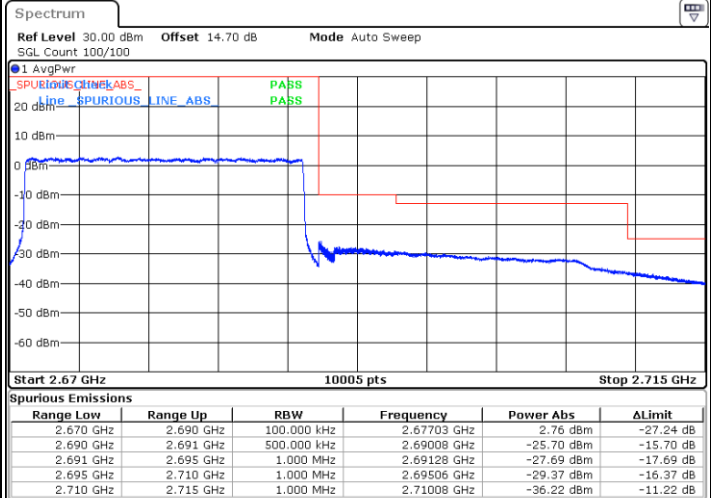
Date: 12.OCT.2022 19:08:34

Lowest Band Edge / Full RB



Date: 12.OCT.2022 19:06:36

Highest Band Edge / Full RB

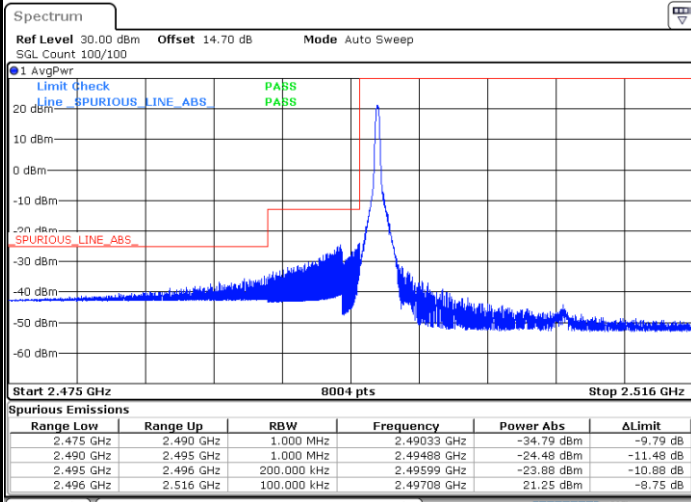


Date: 12.OCT.2022 19:11:31



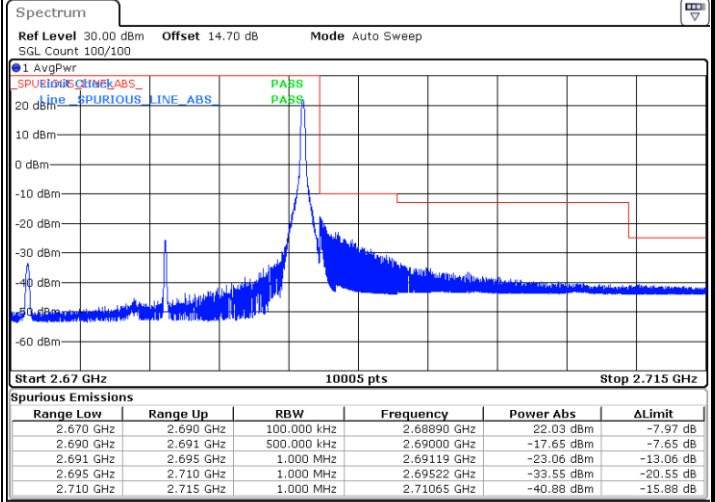
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



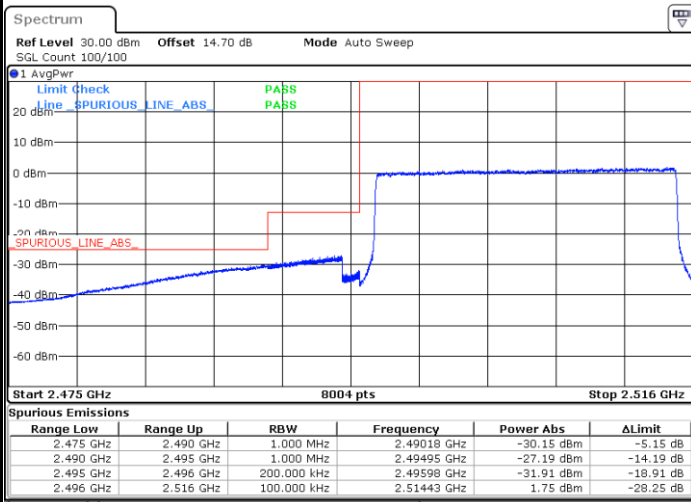
Date: 12.OCT.2022 19:05:37

Highest Band Edge / 1 RB



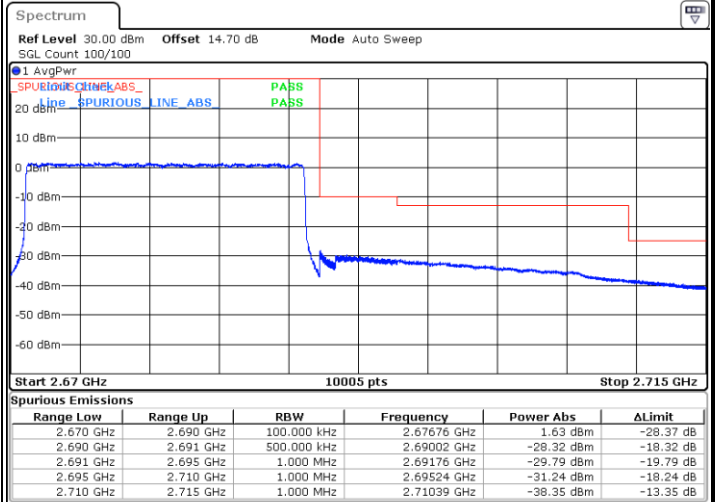
Date: 12.OCT.2022 19:09:33

Lowest Band Edge / Full RB



Date: 12.OCT.2022 19:07:35

Highest Band Edge / Full RB

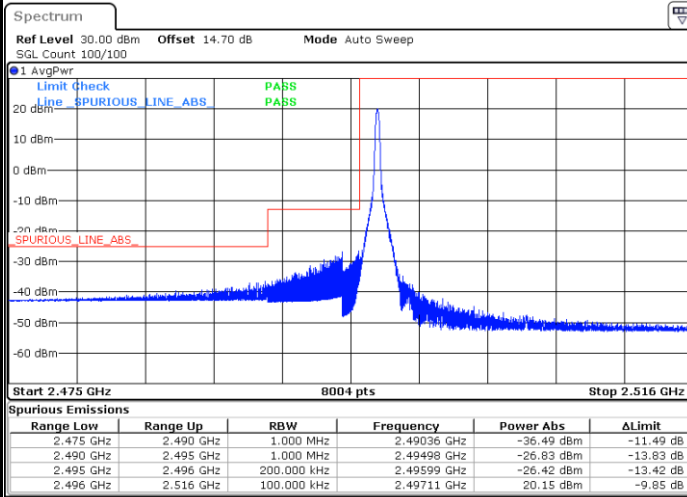


Date: 12.OCT.2022 19:10:32



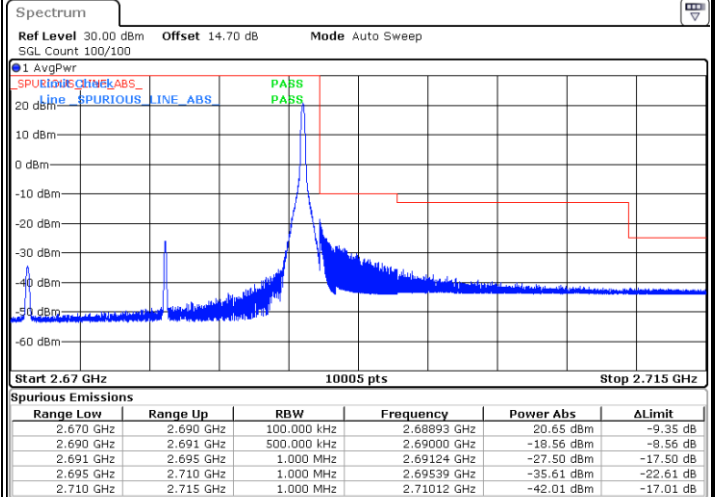
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



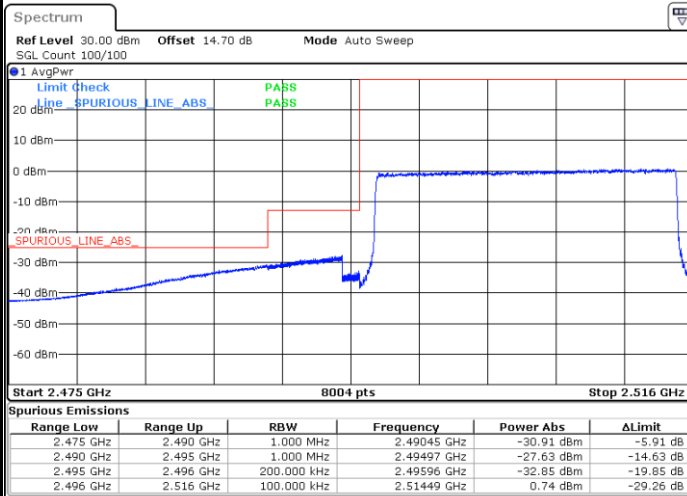
Date: 12.OCT.2022 19:12:30

Highest Band Edge / 1 RB



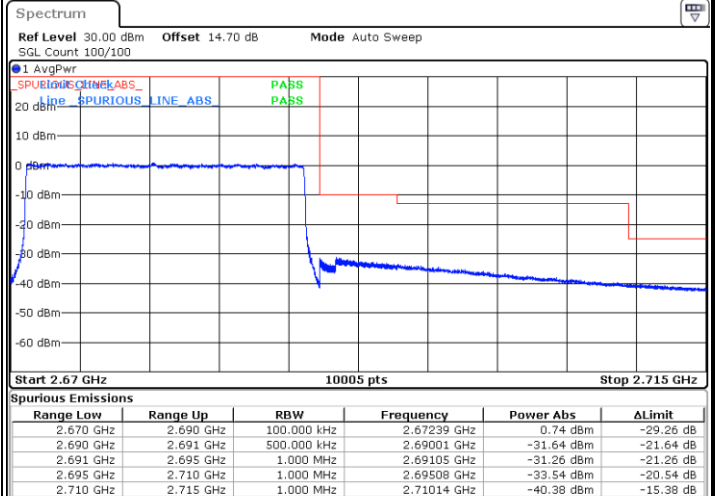
Date: 12.OCT.2022 19:16:31

Lowest Band Edge / Full RB



Date: 12.OCT.2022 19:14:30

Highest Band Edge / Full RB

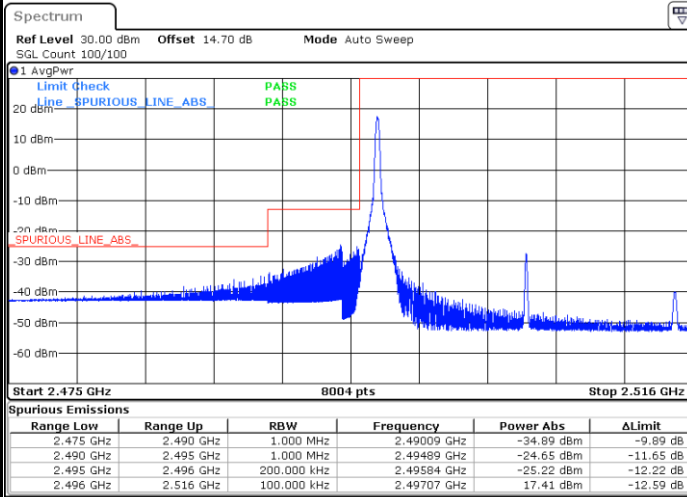


Date: 12.OCT.2022 19:18:35



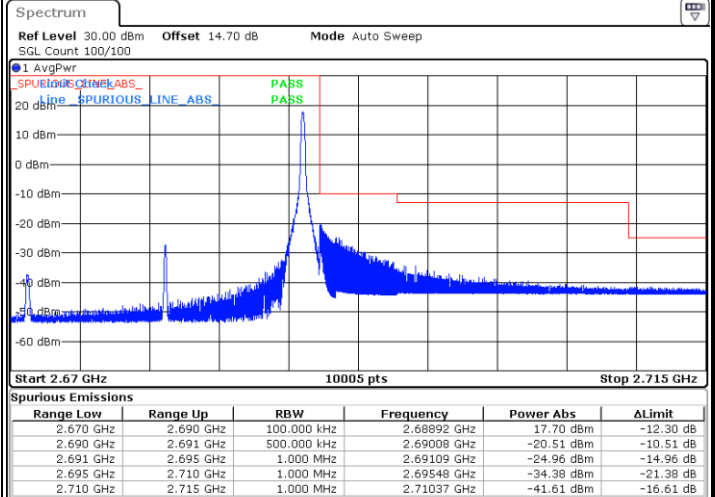
LTE Band 41 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



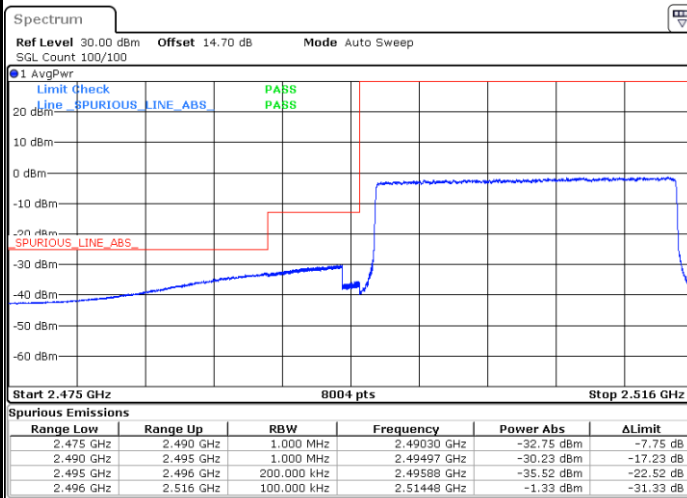
Date: 12.OCT.2022 19:13:29

Highest Band Edge / 1 RB



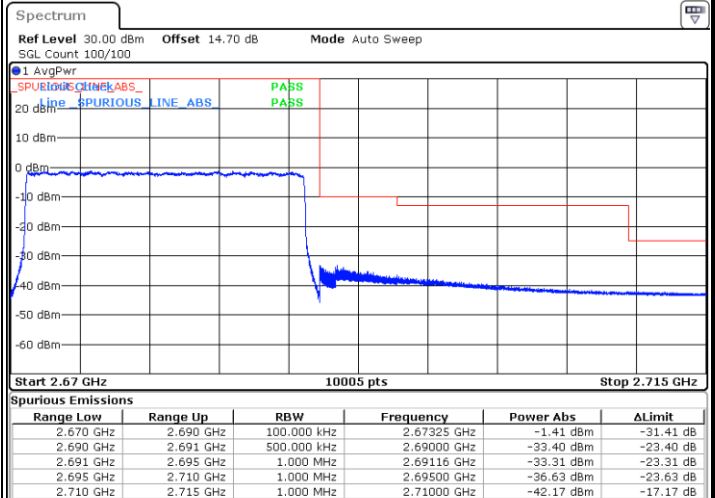
Date: 12.OCT.2022 19:17:33

Lowest Band Edge / Full RB



Date: 12.OCT.2022 19:15:28

Highest Band Edge / Full RB



Date: 12.OCT.2022 19:19:34

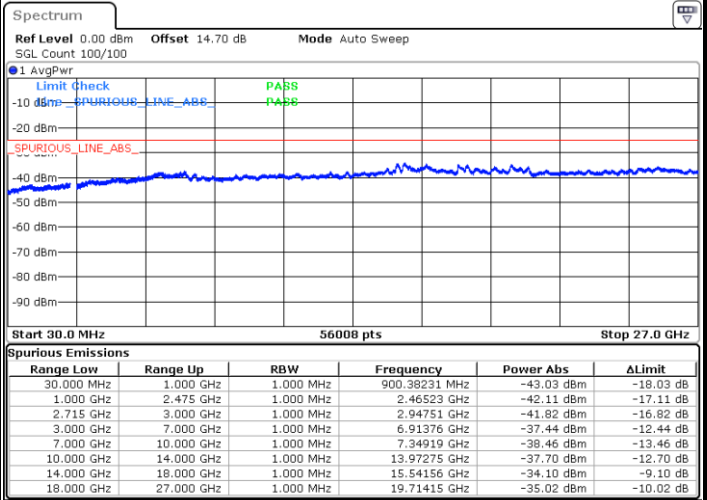
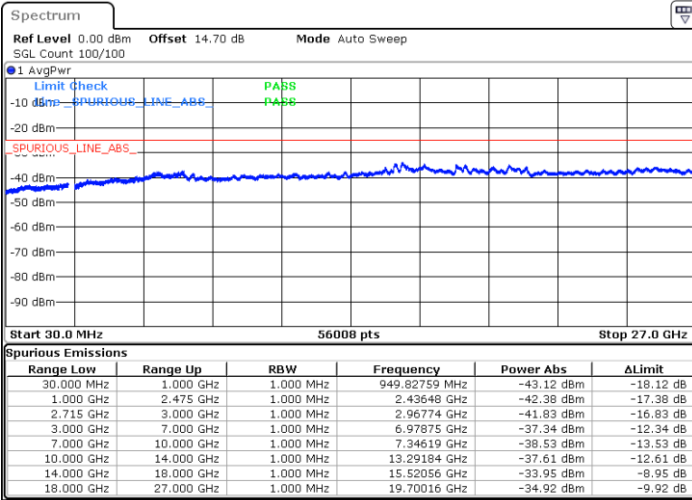


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

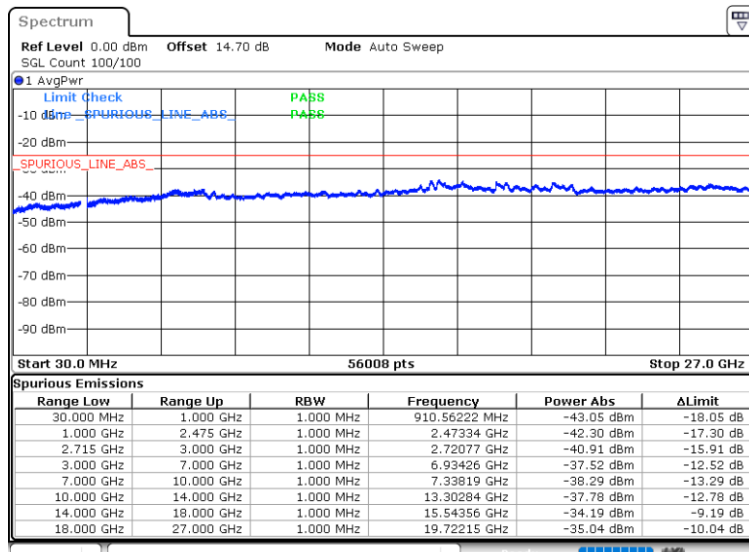
Middle Channel / QPSK



Date: 12.OCT.2022 19:20:51

Date: 12.OCT.2022 19:22:00

Highest Channel / QPSK



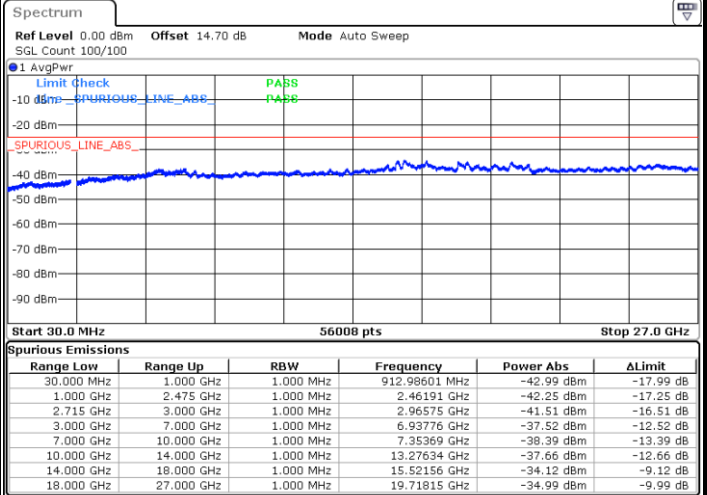
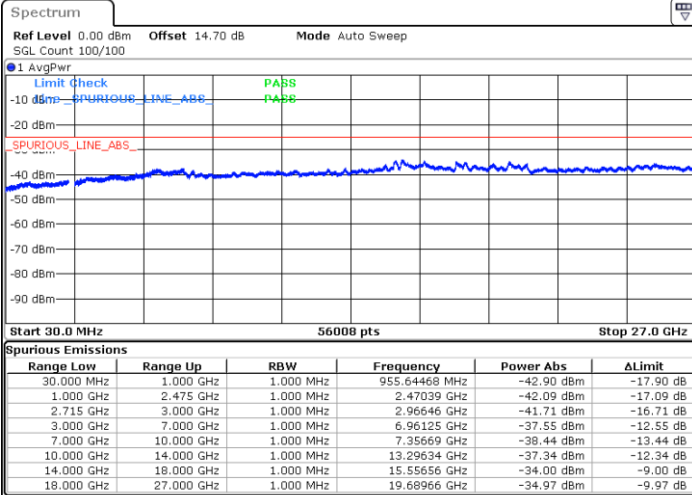
Date: 12.OCT.2022 19:23:09



LTE Band 41 / 10MHz

Lowest Channel / QPSK

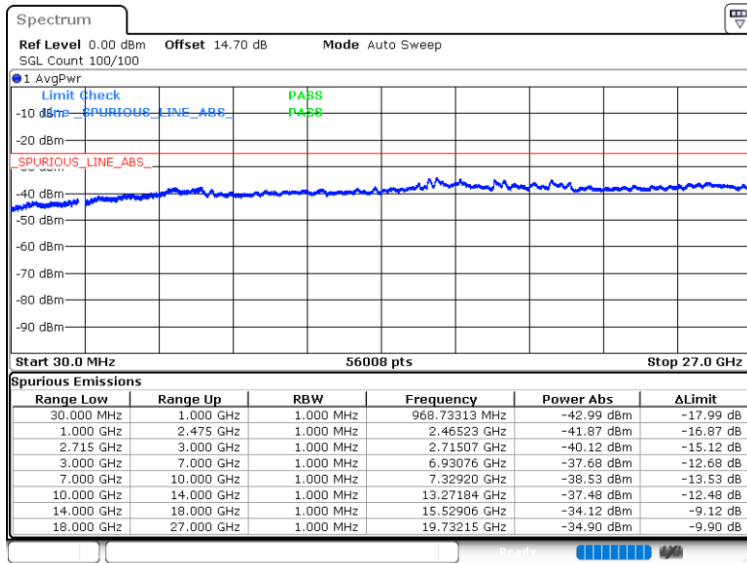
Middle Channel / QPSK



Date: 12.OCT.2022 19:24:24

Date: 12.OCT.2022 19:25:33

Highest Channel / QPSK



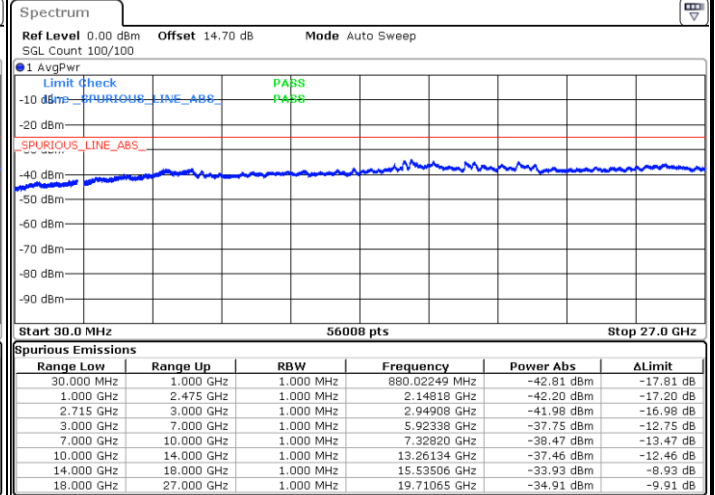
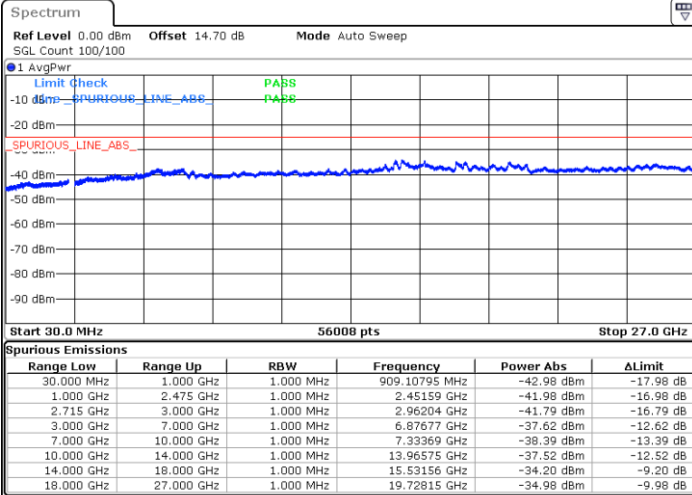
Date: 12.OCT.2022 19:26:42



LTE Band 41 / 15MHz

Lowest Channel / QPSK

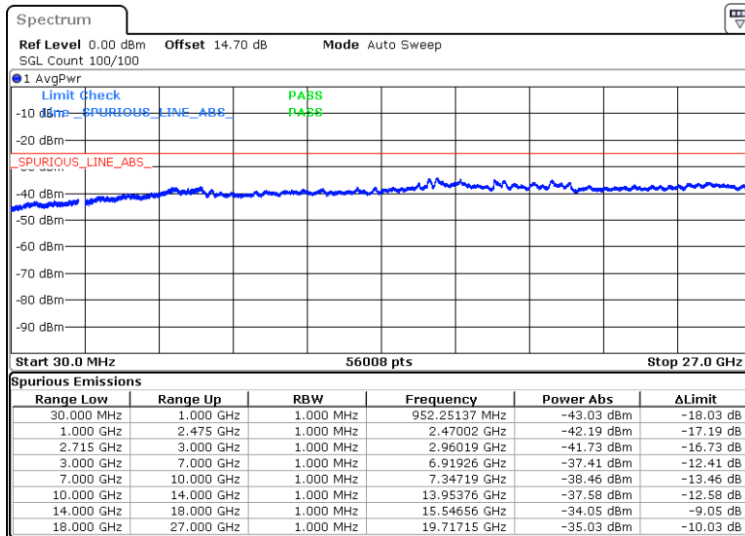
Middle Channel / QPSK



Date: 12.OCT.2022 19:27:57

Date: 12.OCT.2022 19:29:05

Highest Channel / QPSK



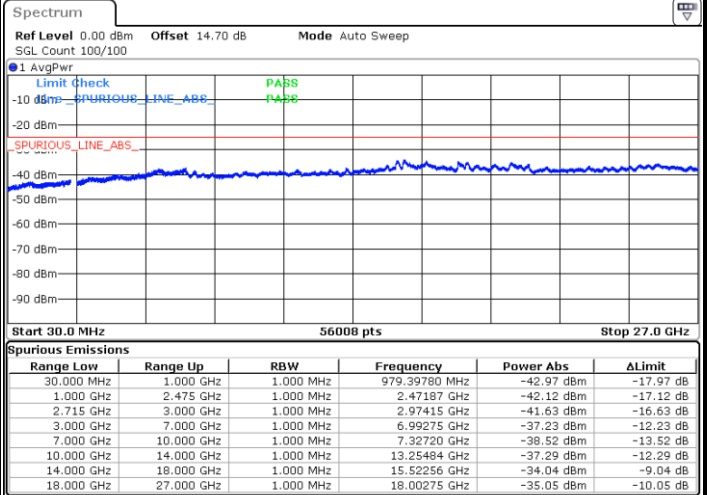
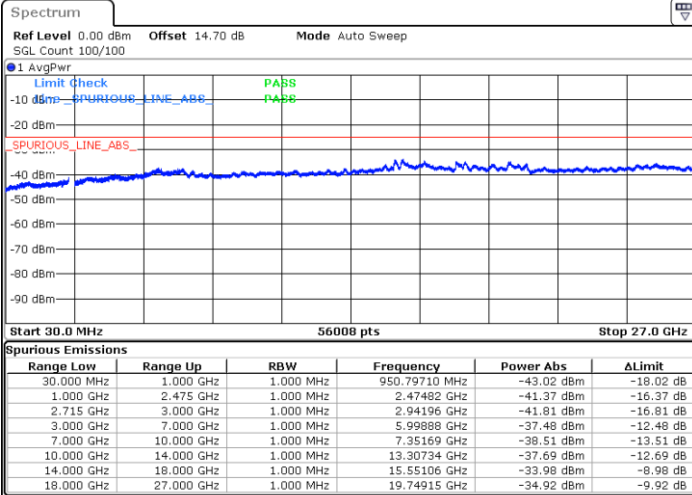
Date: 12.OCT.2022 19:30:15



LTE Band 41 / 20MHz

Lowest Channel / QPSK

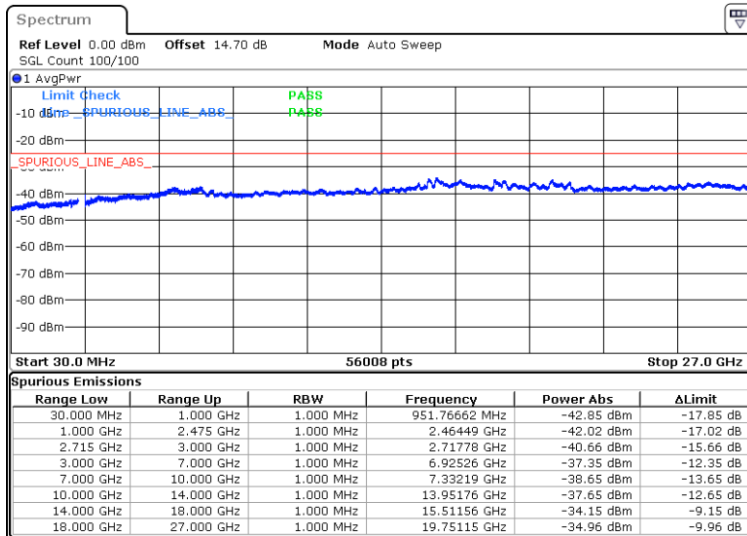
Middle Channel / QPSK



Date: 12.OCT.2022 19:31:29

Date: 12.OCT.2022 19:32:38

Highest Channel / QPSK



Date: 12.OCT.2022 19:33:48



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	0.0001	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0007	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0029	
0	Normal Voltage	0.0006	
-10	Normal Voltage	0.0034	
-20	Normal Voltage	0.0050	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0049	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0038	

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

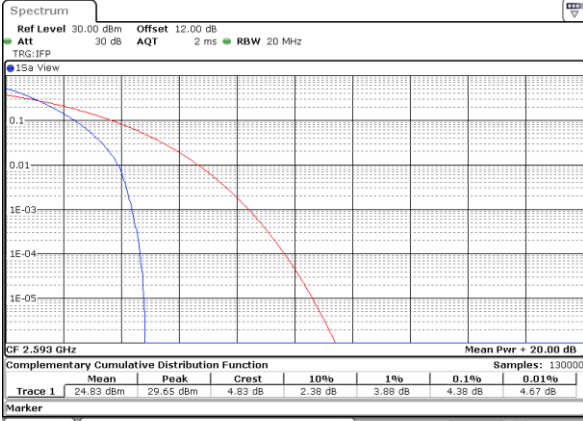
Peak-to-Average Ratio

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	4.38	5.30	6.06	6.46	PASS



LTE Band 41 / 20MHz / QPSK

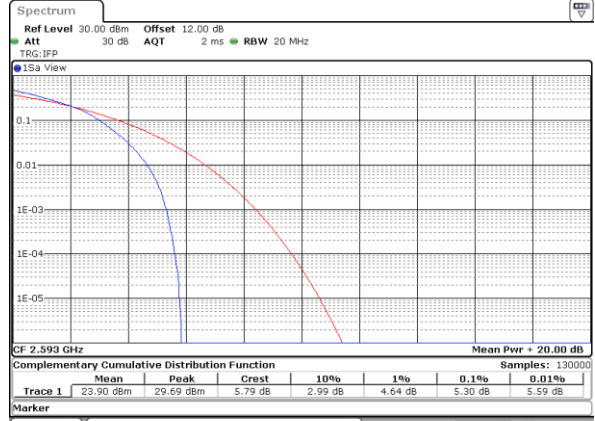
Middle Channel / Full RB



Date: 16_SEP.2022 22:09:11

LTE Band 41 / 20MHz / 16QAM

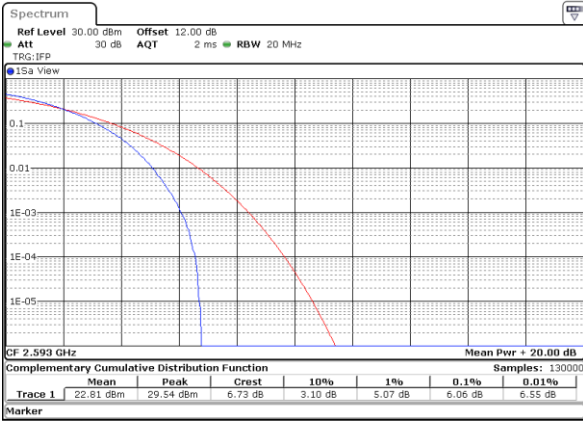
Middle Channel / Full RB



Date: 16_SEP.2022 22:08:41

LTE Band 41 / 20MHz / 64QAM

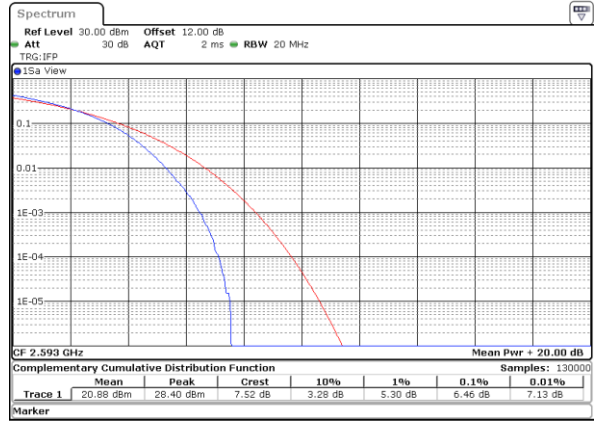
Middle Channel / Full RB



Date: 16_SEP.2022 22:08:10

LTE Band 41 / 20MHz / 256QAM

Middle Channel / Full RB



Date: 16_SEP.2022 22:12:40



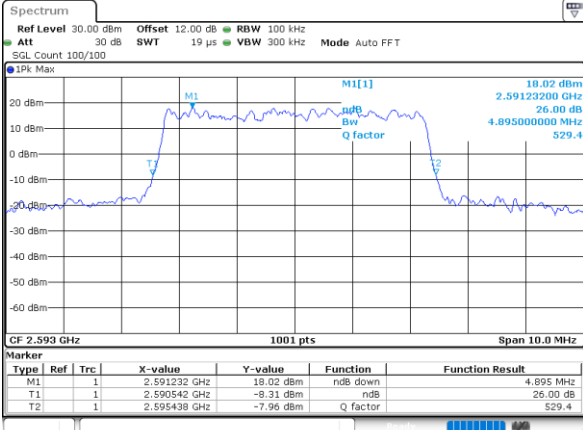
26dB Bandwidth

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	-	-	-	-	4.90	4.86	9.63	9.71	14.36	14.18	18.62	18.86
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.91	4.73	9.73	9.79	14.48	14.36	18.86	18.90



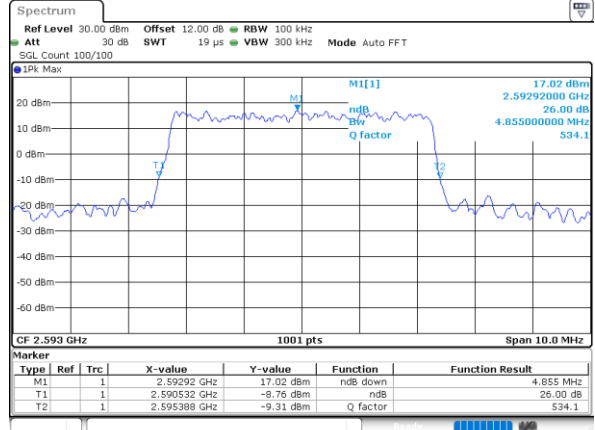
LTE Band 41

Middle Channel / 5MHz / QPSK



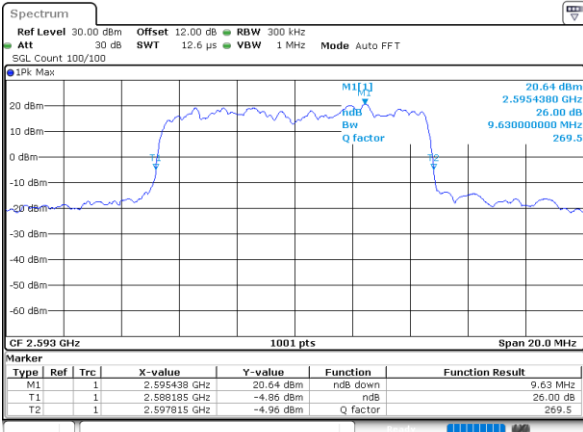
Date: 16_SEP.2022 21:58:33

Middle Channel / 5MHz / 16QAM



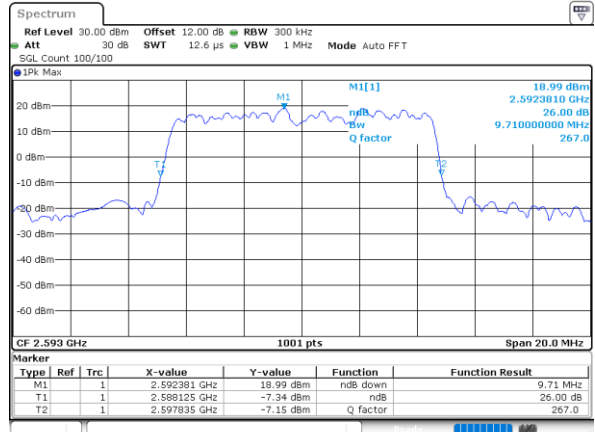
Date: 16_SEP.2022 21:59:00

Middle Channel / 10MHz / QPSK



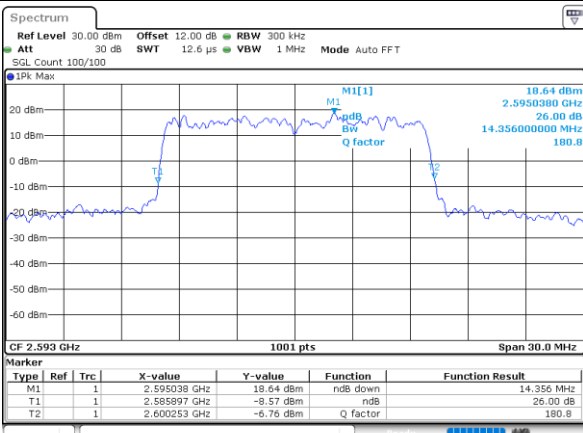
Date: 16_SEP.2022 22:01:15

Middle Channel / 10MHz / 16QAM



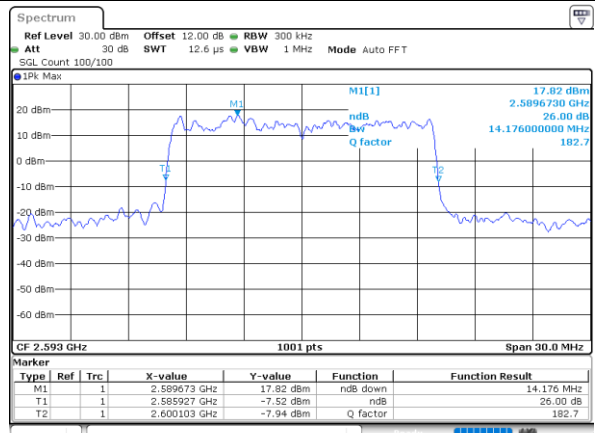
Date: 16_SEP.2022 22:01:44

Middle Channel / 15MHz / QPSK



Date: 16_SEP.2022 22:03:59

Middle Channel / 15MHz / 16QAM

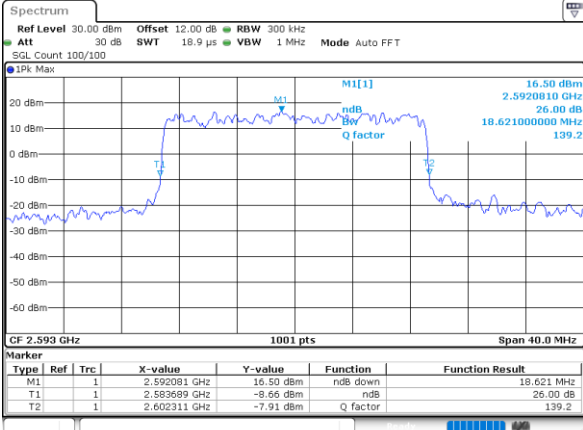


Date: 16_SEP.2022 22:04:28



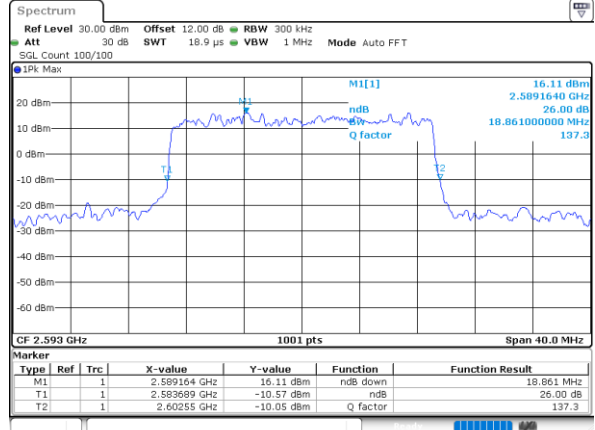
LTE Band 41

Middle Channel / 20MHz / QPSK



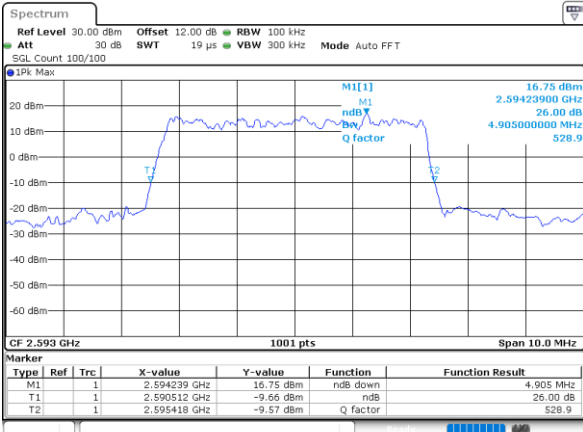
Date: 16_SEP.2022 22:06:43

Middle Channel / 20MHz / 16QAM



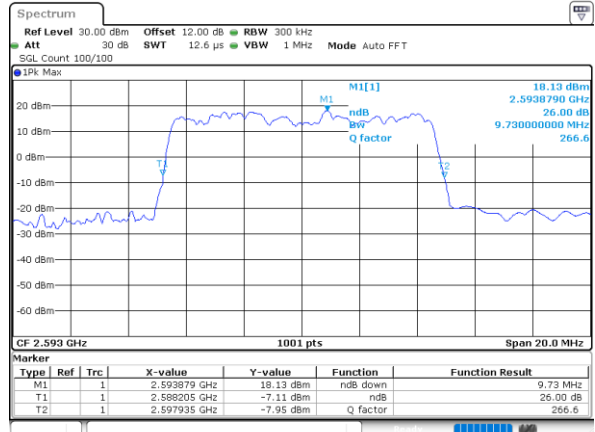
Date: 16_SEP.2022 22:07:12

Middle Channel / 5MHz / 64QAM



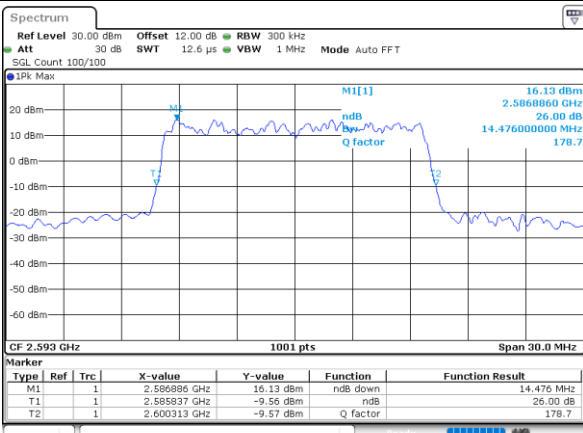
Date: 16_SEP.2022 21:59:43

Middle Channel / 10MHz / 64QAM



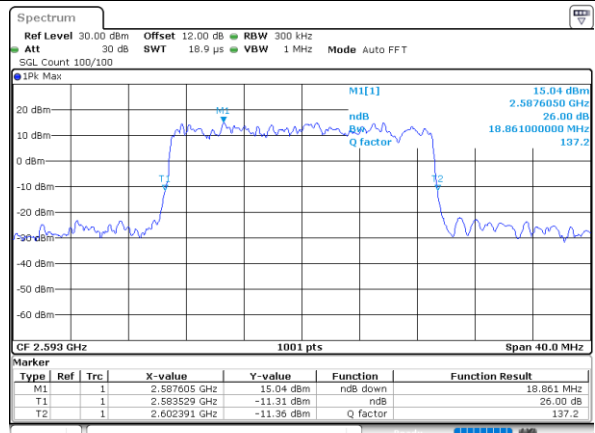
Date: 16_SEP.2022 22:02:27

Middle Channel / 15MHz / 64QAM



Date: 16_SEP.2022 22:05:11

Middle Channel / 20MHz / 64QAM

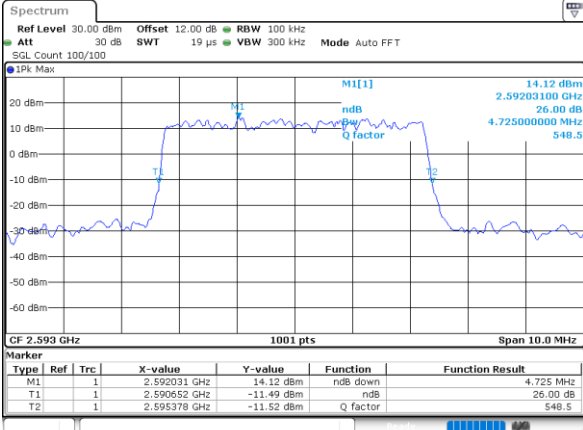


Date: 16_SEP.2022 22:07:55



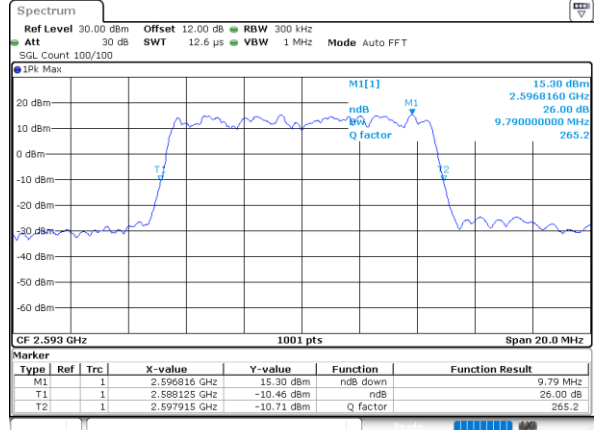
LTE Band 41

Middle Channel / 5MHz / 256QAM



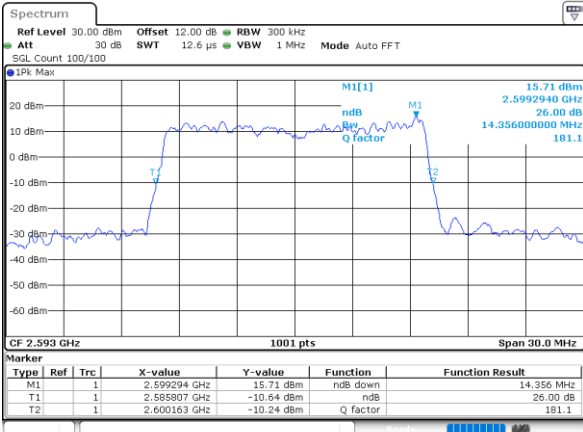
Date: 16.SEP.2022 22:10:00

Middle Channel / 10MHz / 256QAM



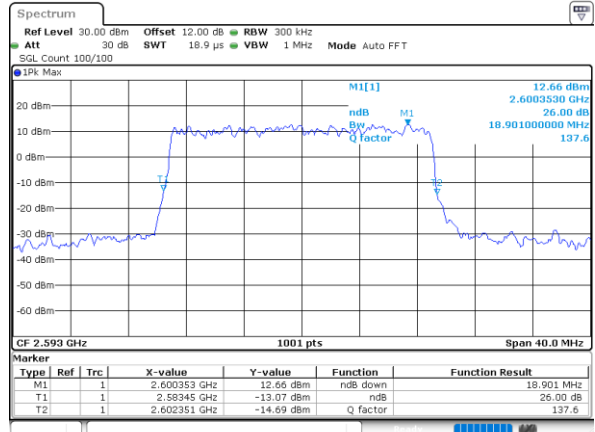
Date: 16.SEP.2022 22:10:48

Middle Channel / 15MHz / 256QAM



Date: 16.SEP.2022 22:11:37

Middle Channel / 20MHz / 256QAM



Date: 16.SEP.2022 22:12:25



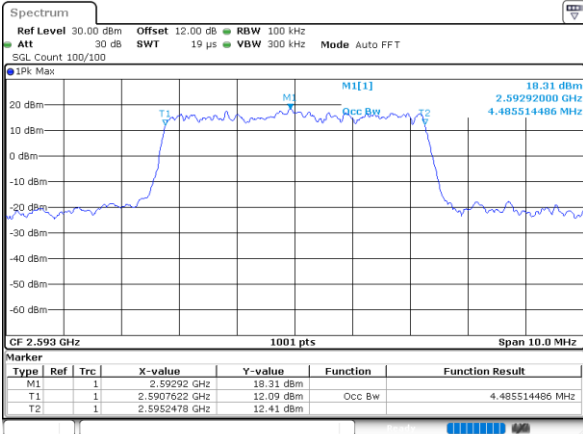
Occupied Bandwidth

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	-	-	-	-	4.49	4.47	9.07	9.01	13.49	13.43	17.90	17.82
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Middle CH	-	-	-	-	4.51	4.47	8.99	8.99	13.40	13.49	17.86	17.94



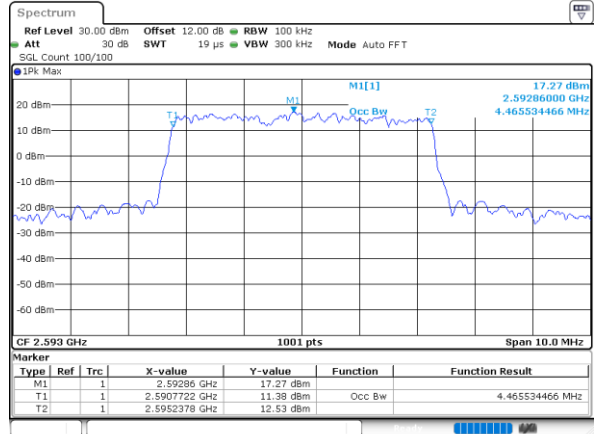
LTE Band 41

Middle Channel / 5MHz / QPSK



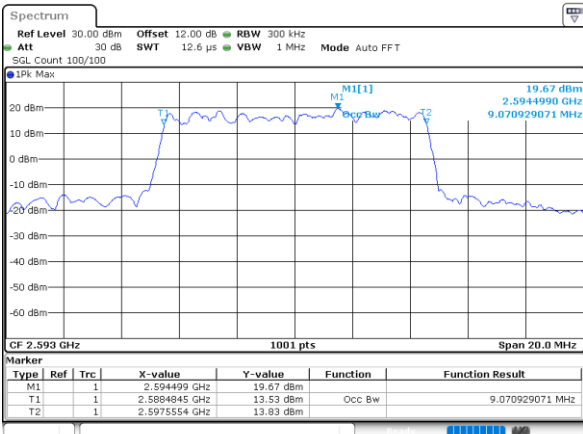
Date: 16_SEP.2022 21:57:33

Middle Channel / 5MHz / 16QAM



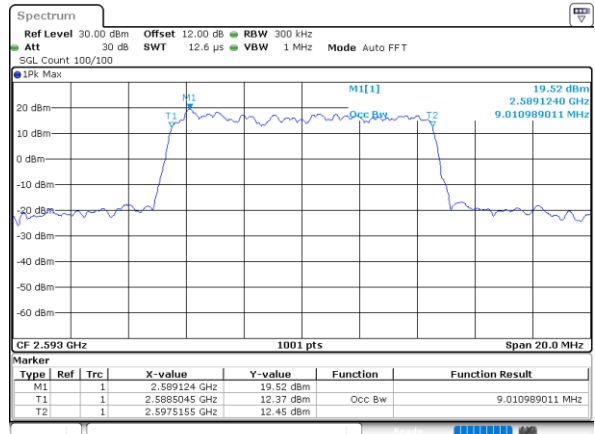
Date: 16_SEP.2022 21:58:02

Middle Channel / 10MHz / QPSK



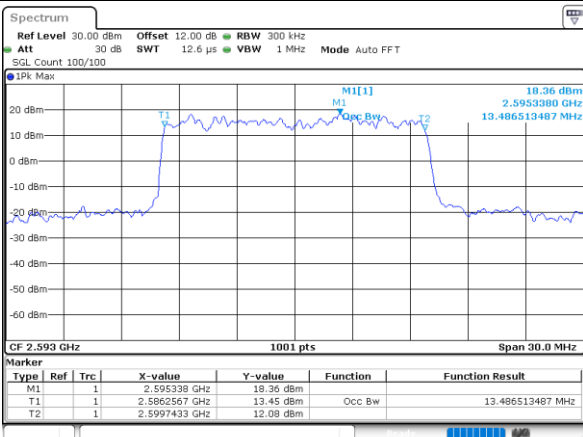
Date: 16_SEP.2022 22:00:17

Middle Channel / 10MHz / 16QAM



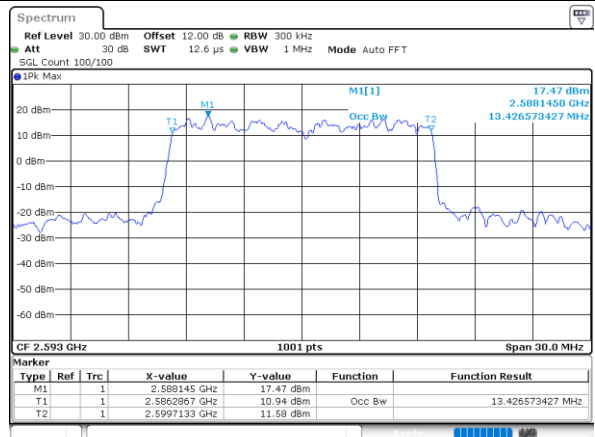
Date: 16_SEP.2022 22:00:46

Middle Channel / 15MHz / QPSK



Date: 16_SEP.2022 22:03:01

Middle Channel / 15MHz / 16QAM

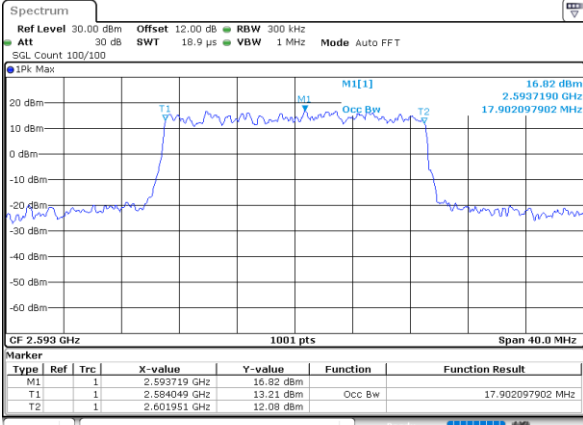


Date: 16_SEP.2022 22:03:30



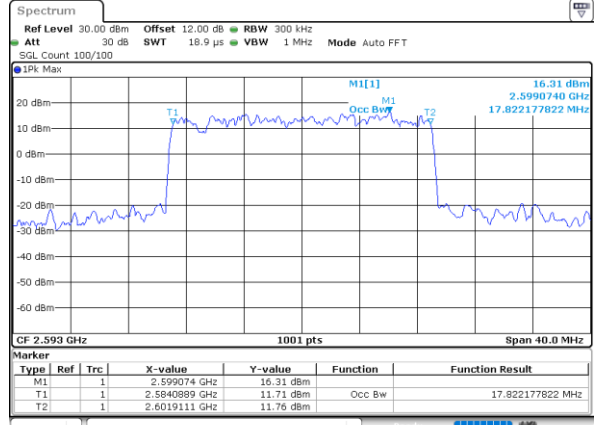
LTE Band 41

Middle Channel / 20MHz / QPSK



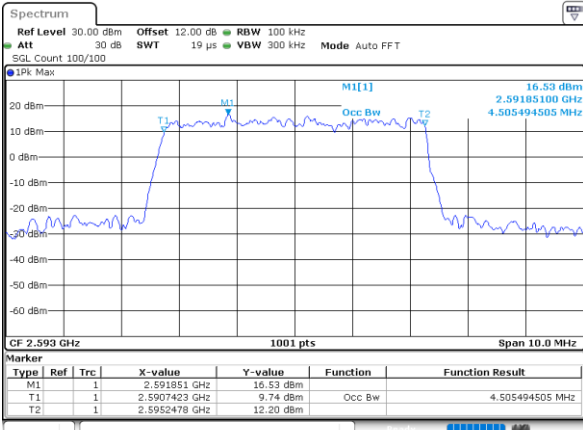
Date: 16_SEP.2022 22:05:45

Middle Channel / 20MHz / 16QAM



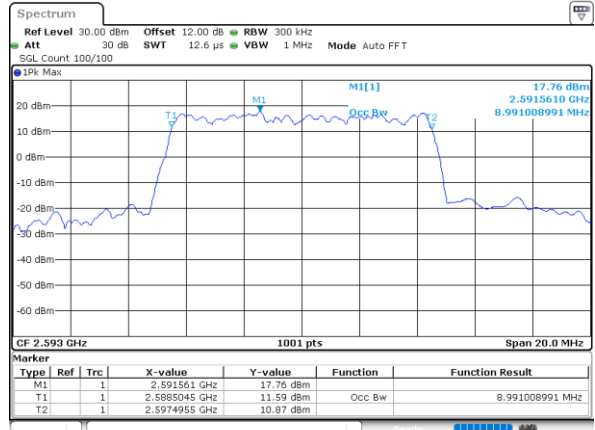
Date: 16_SEP.2022 22:06:14

Middle Channel / 5MHz / 64QAM



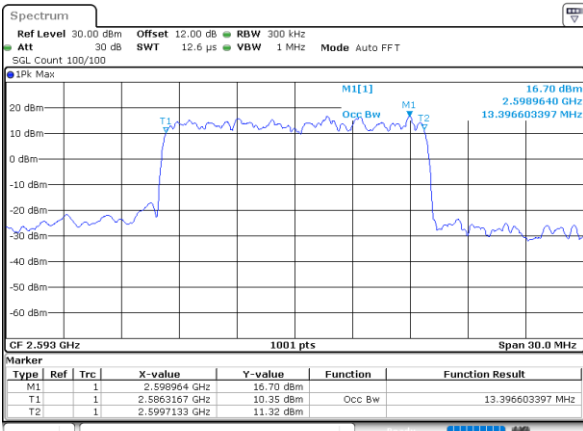
Date: 16_SEP.2022 21:59:29

Middle Channel / 10MHz / 64QAM



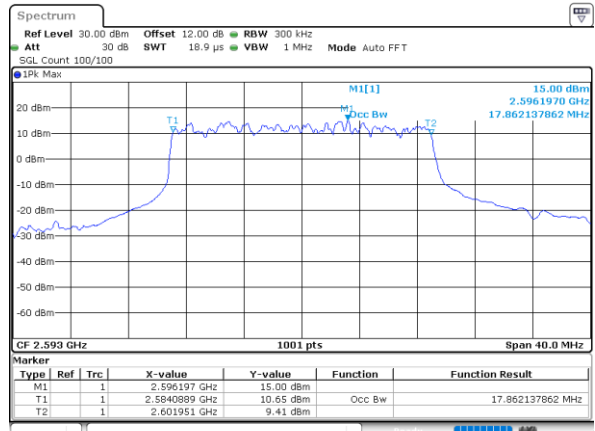
Date: 16_SEP.2022 22:02:13

Middle Channel / 15MHz / 64QAM



Date: 16_SEP.2022 22:04:57

Middle Channel / 20MHz / 64QAM

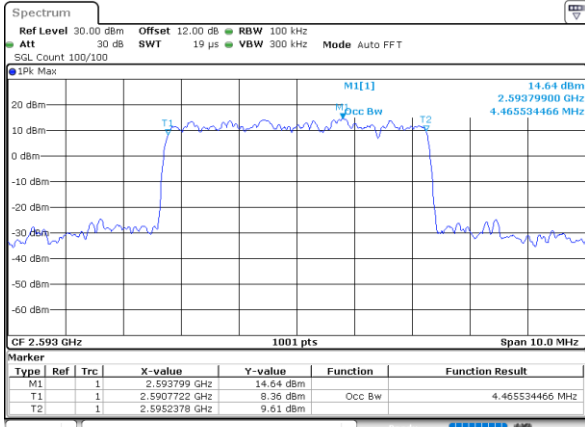


Date: 16_SEP.2022 22:07:41



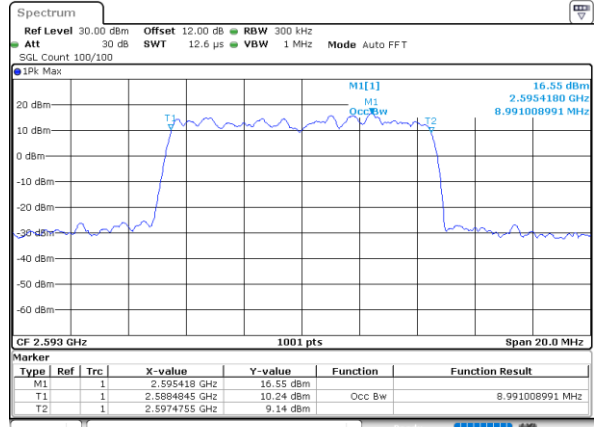
LTE Band 41

Middle Channel / 5MHz / 256QAM



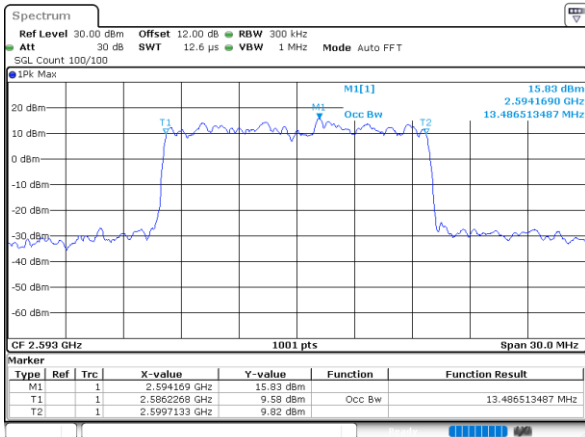
Date: 16.SEP.2022 22:09:46

Middle Channel / 10MHz / 256QAM



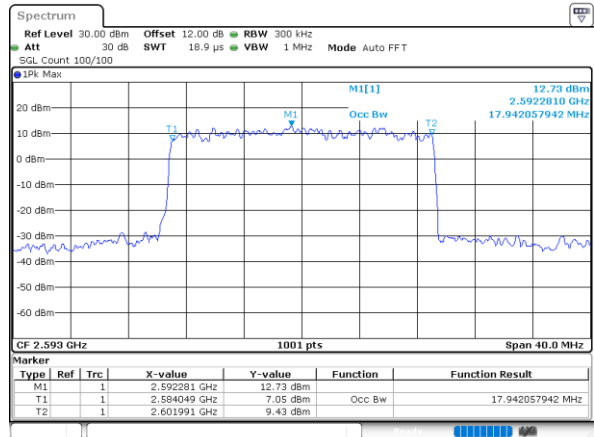
Date: 16.SEP.2022 22:10:34

Middle Channel / 15MHz / 256QAM



Date: 16.SEP.2022 22:11:23

Middle Channel / 20MHz / 256QAM



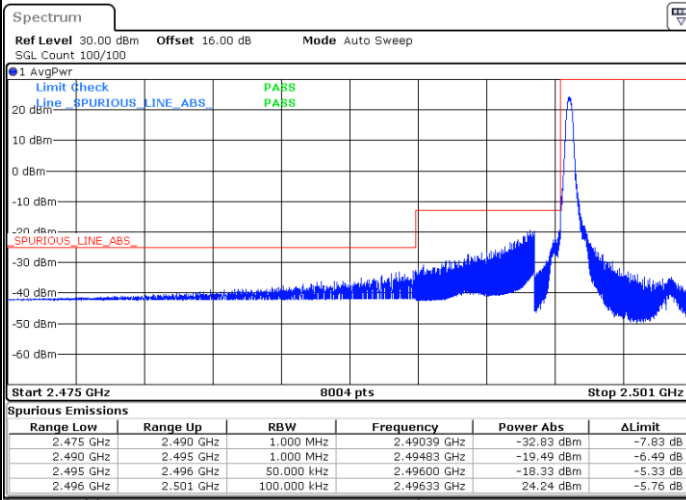
Date: 16.SEP.2022 22:12:11



Conducted Band Edge

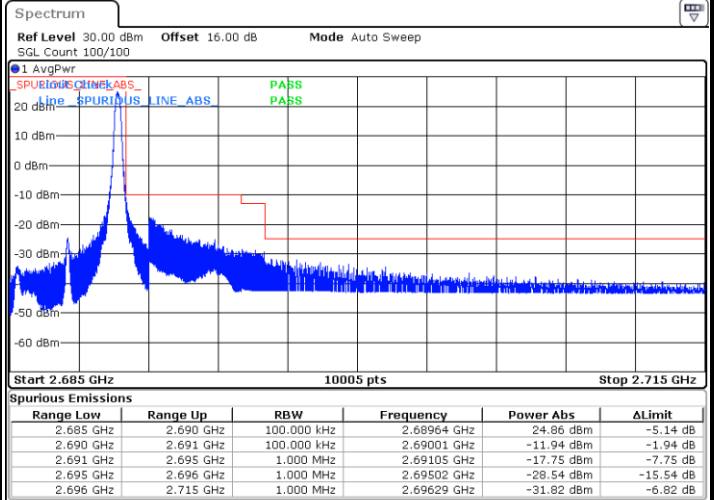
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



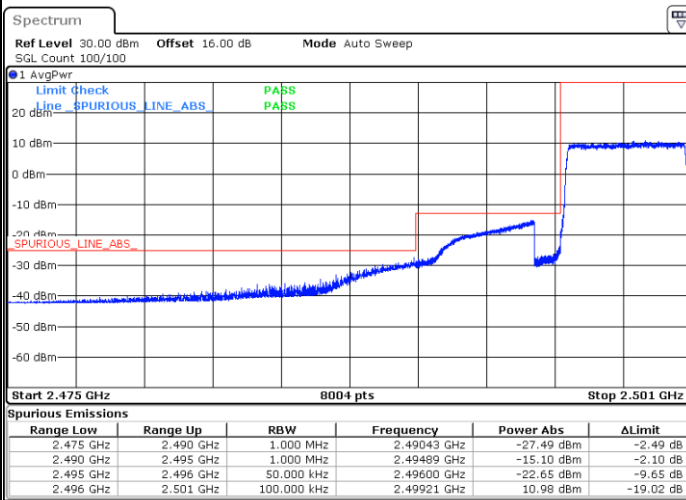
Date: 16.SEP.2022 20:40:03

Highest Band Edge / 1 RB



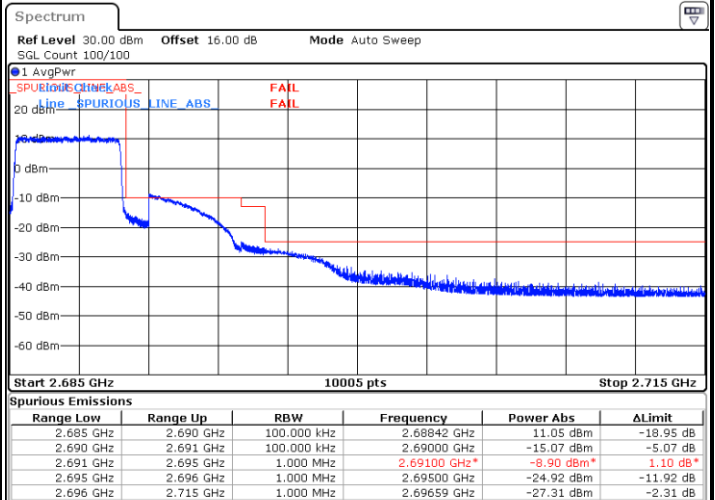
Date: 16.SEP.2022 20:44:00

Lowest Band Edge / Full RB

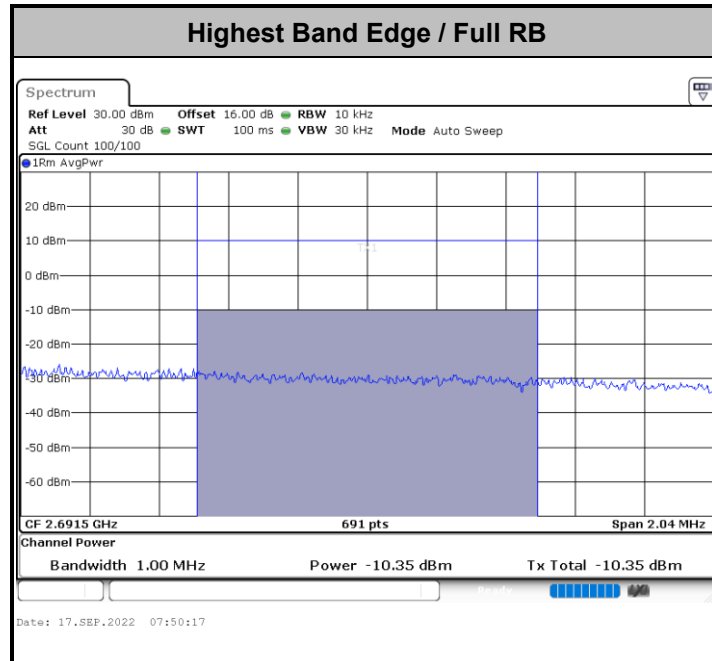


Date: 16.SEP.2022 20:42:02

Highest Band Edge / Full RB



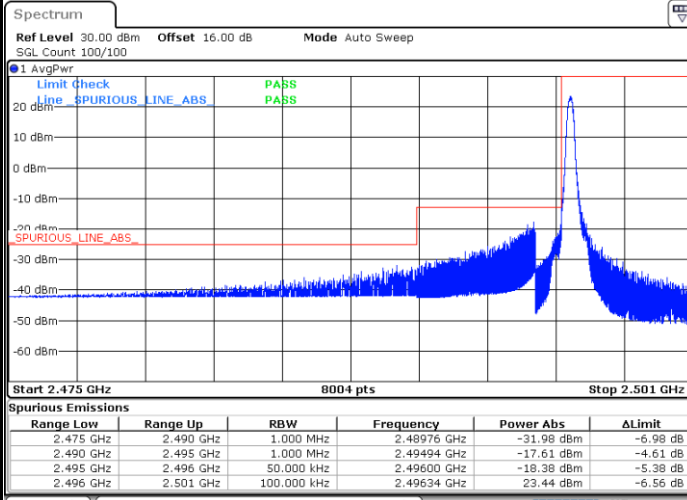
Date: 16.SEP.2022 20:45:58





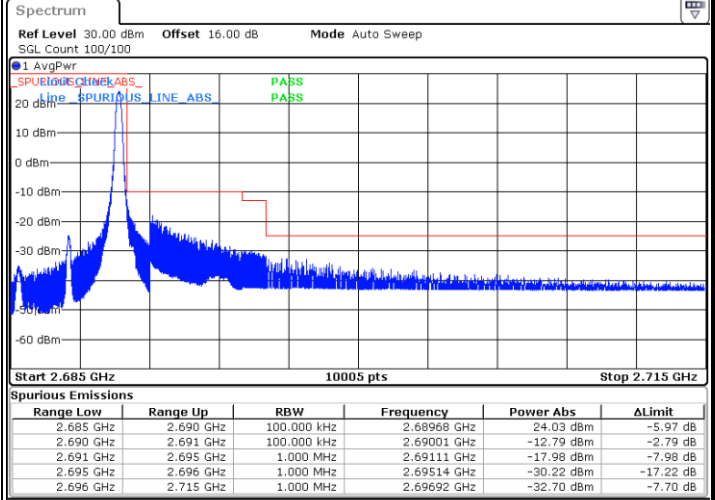
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



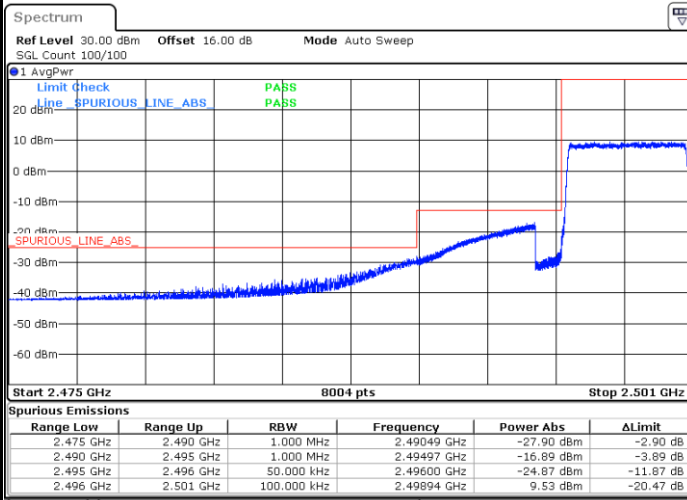
Date: 16.SEP.2022 20:41:03

Highest Band Edge / 1 RB



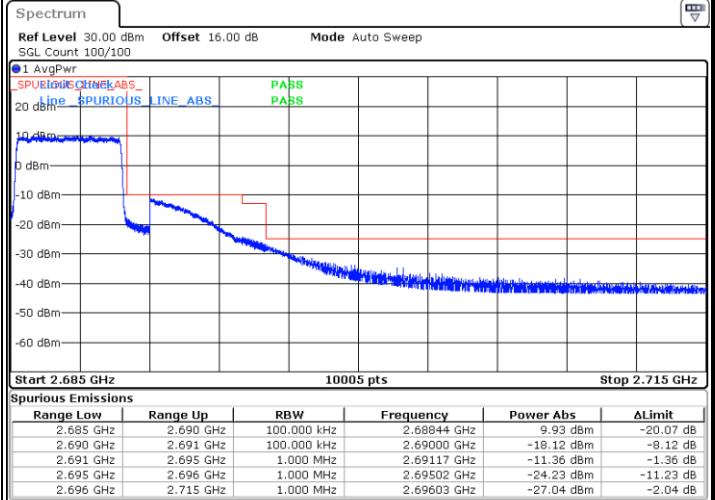
Date: 16.SEP.2022 20:44:59

Lowest Band Edge / Full RB



Date: 16.SEP.2022 20:43:02

Highest Band Edge / Full RB

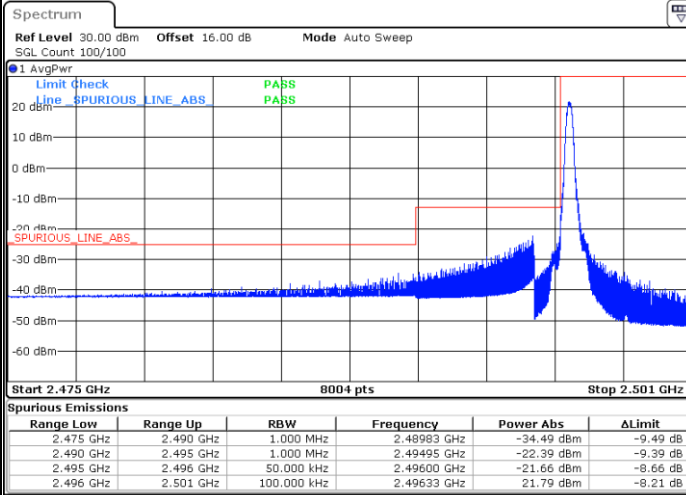


Date: 16.SEP.2022 20:46:57



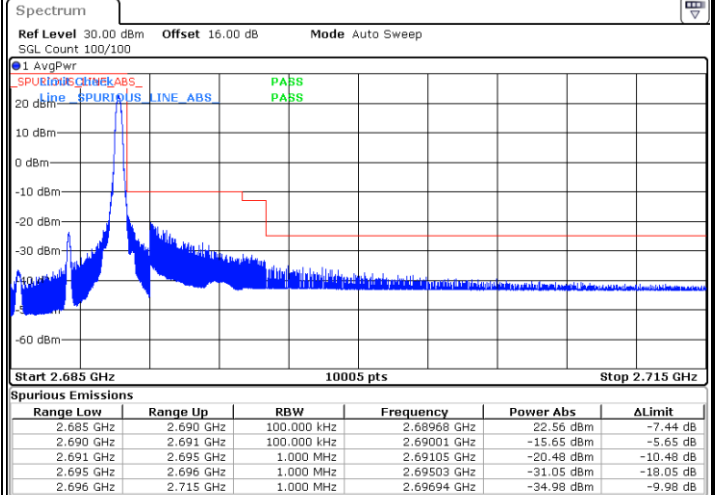
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



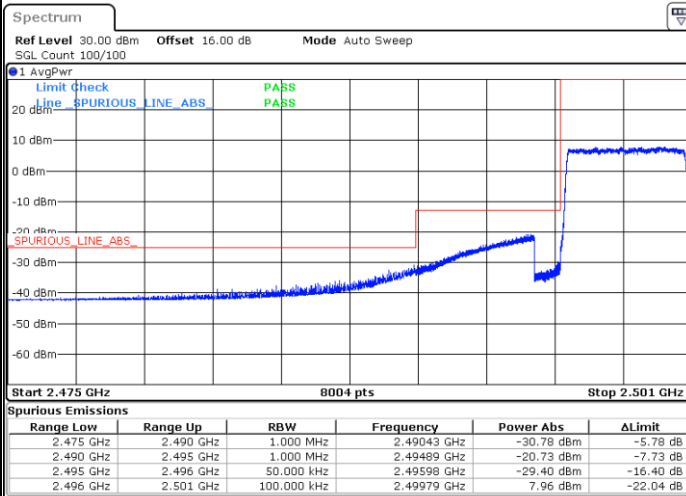
Date: 16.SEP.2022 20:47:56

Highest Band Edge / 1 RB



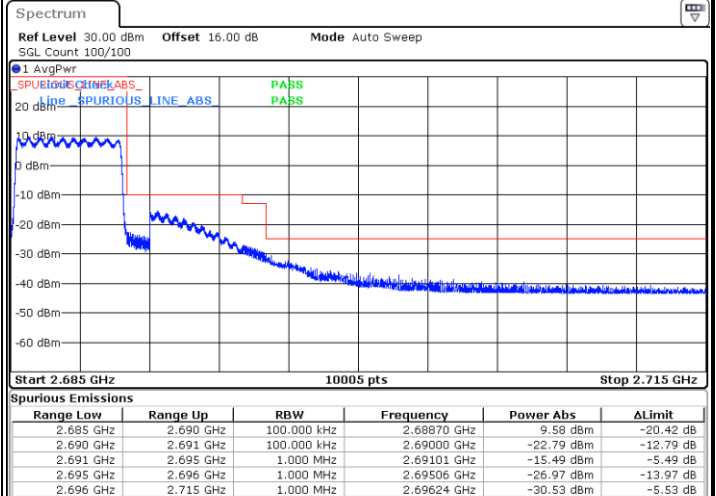
Date: 16.SEP.2022 20:49:54

Lowest Band Edge / Full RB



Date: 16.SEP.2022 20:48:55

Highest Band Edge / Full RB

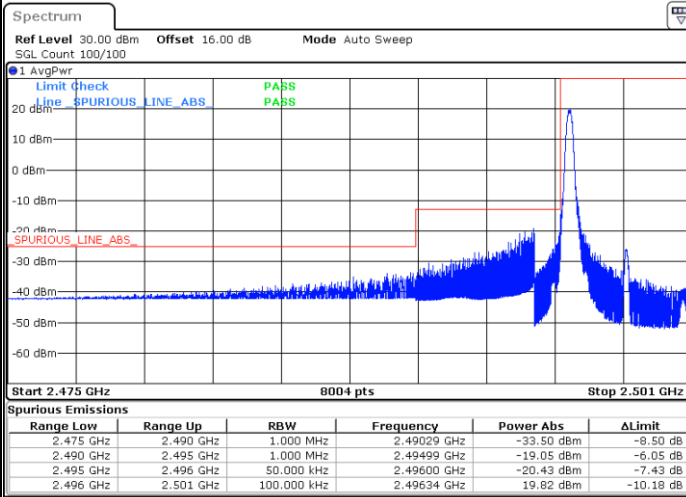


Date: 16.SEP.2022 20:50:53



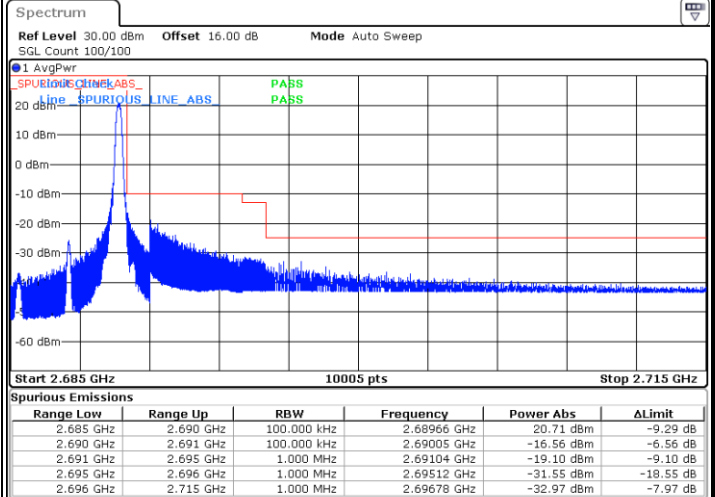
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



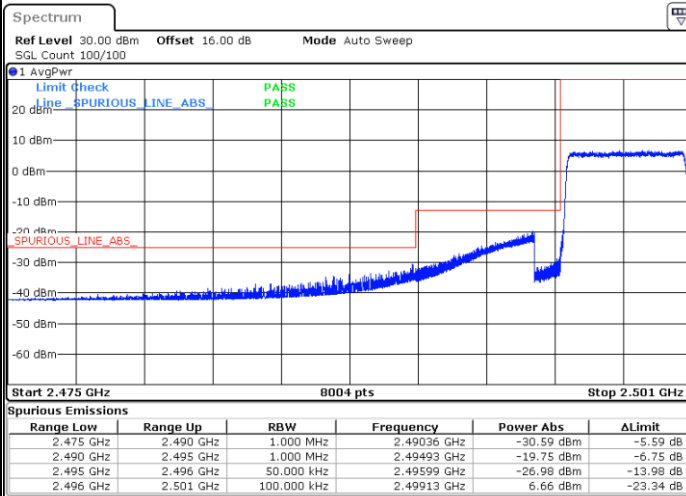
Date: 16.SEP.2022 21:41:19

Highest Band Edge / 1 RB



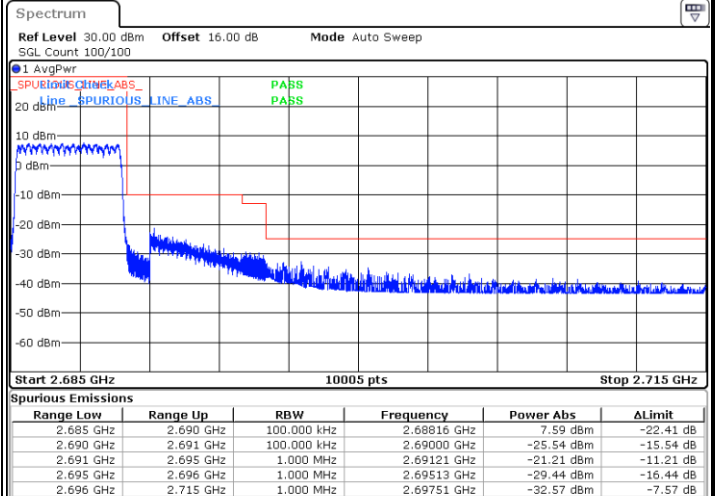
Date: 16.SEP.2022 21:43:23

Lowest Band Edge / Full RB



Date: 16.SEP.2022 21:42:22

Highest Band Edge / Full RB

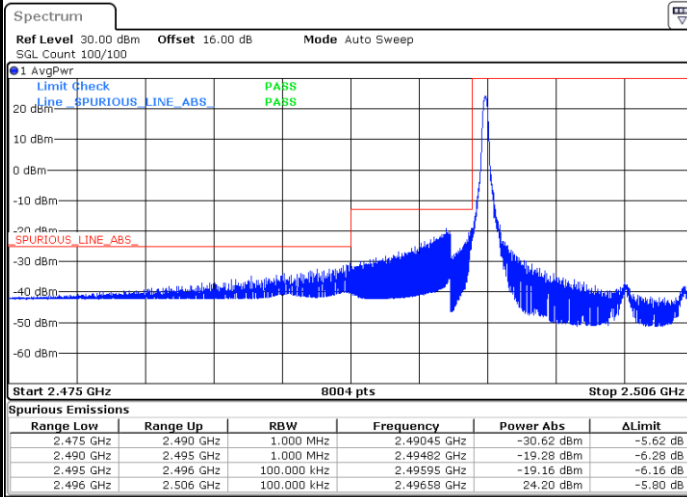


Date: 16.SEP.2022 21:44:25



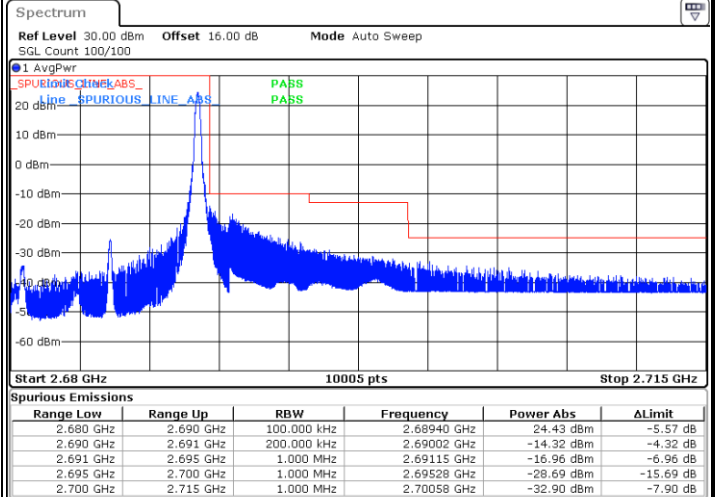
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



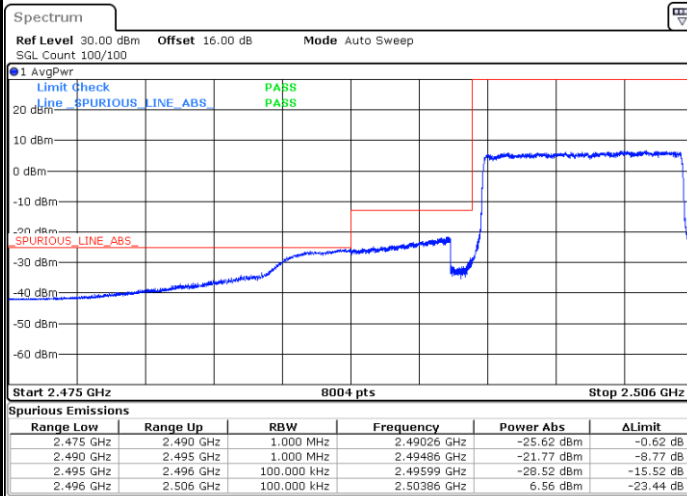
Date: 16.SEP.2022 20:55:24

Highest Band Edge / 1 RB



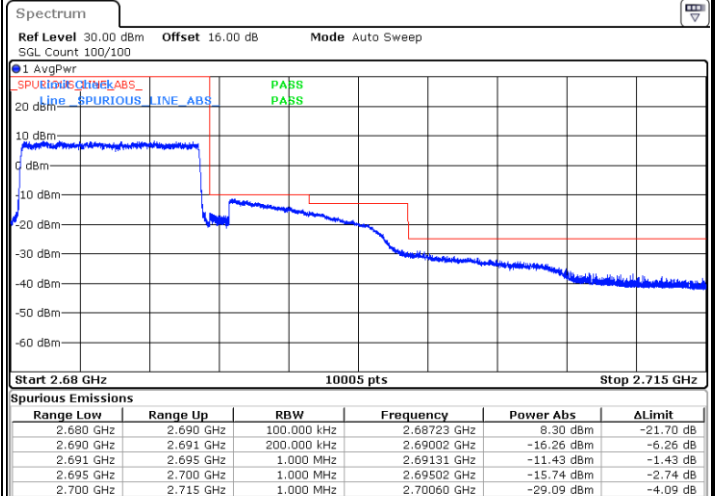
Date: 16.SEP.2022 20:59:20

Lowest Band Edge / Full RB



Date: 19.SEP.2022 14:05:23

Highest Band Edge / Full RB

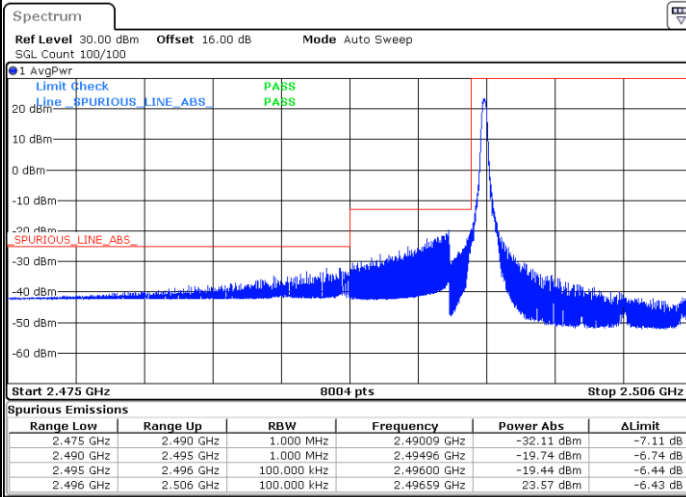


Date: 16.SEP.2022 21:01:18



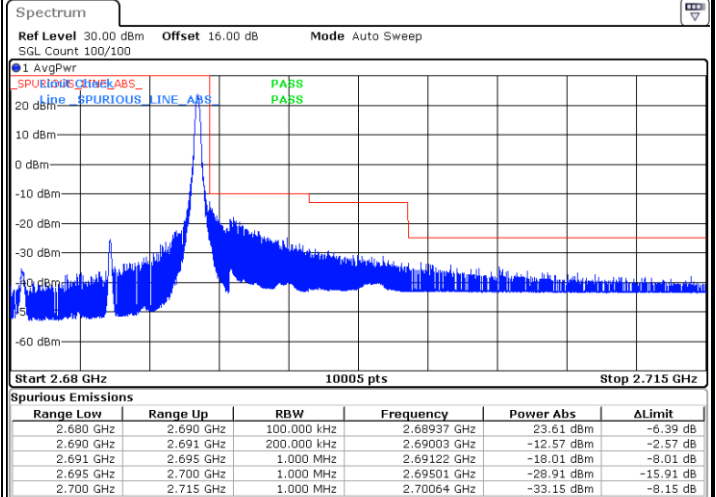
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



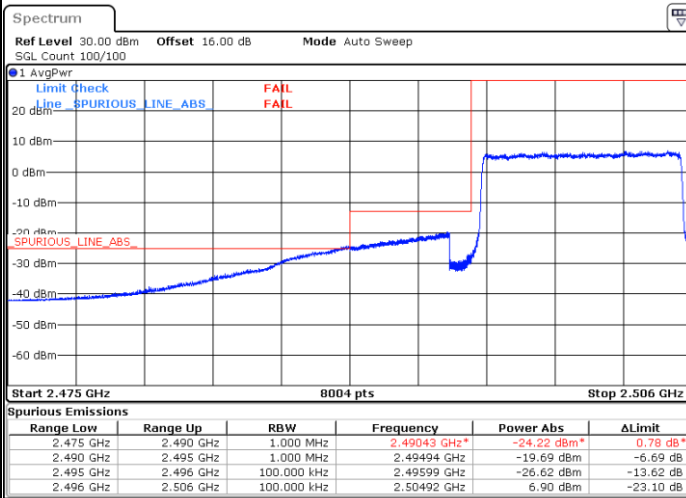
Date: 16.SEP.2022 20:56:23

Highest Band Edge / 1 RB



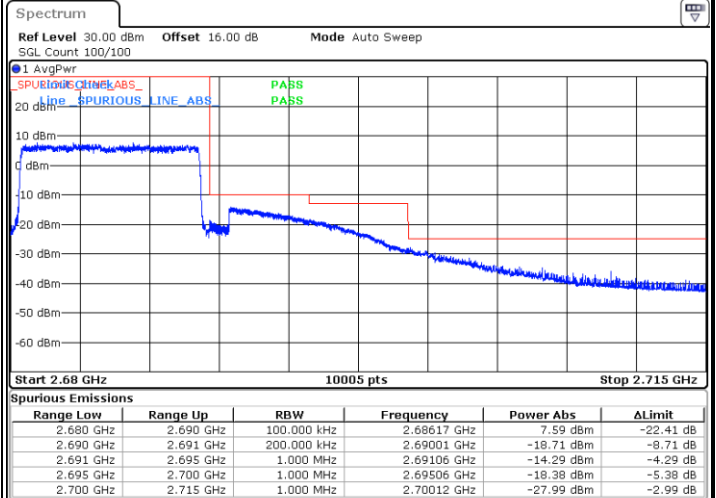
Date: 16.SEP.2022 21:00:19

Lowest Band Edge / Full RB

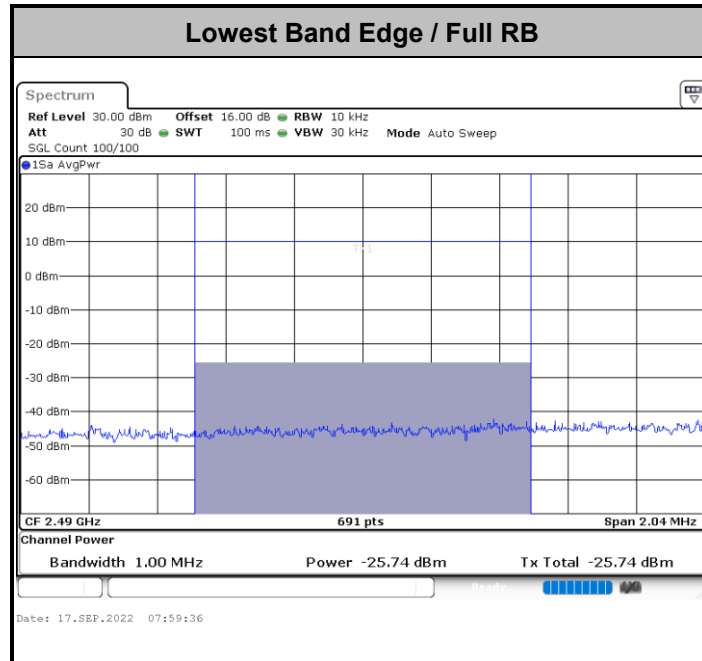


Date: 16.SEP.2022 20:58:21

Highest Band Edge / Full RB



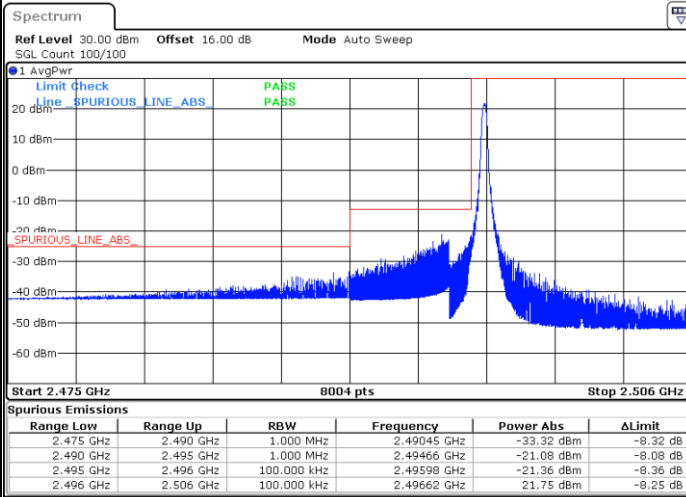
Date: 16.SEP.2022 21:02:17





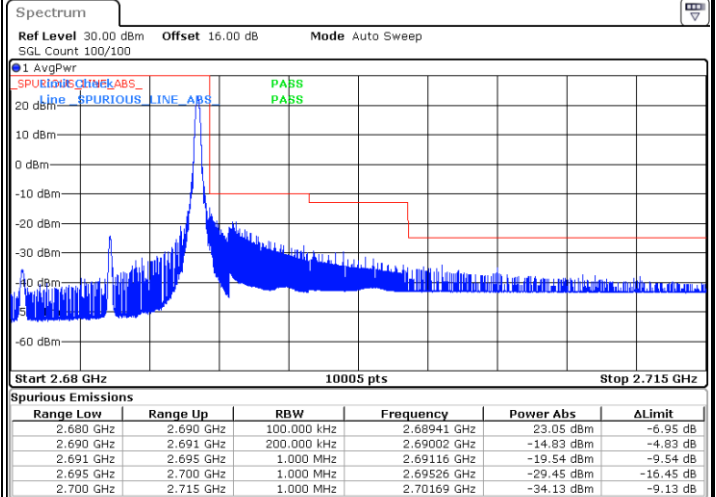
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



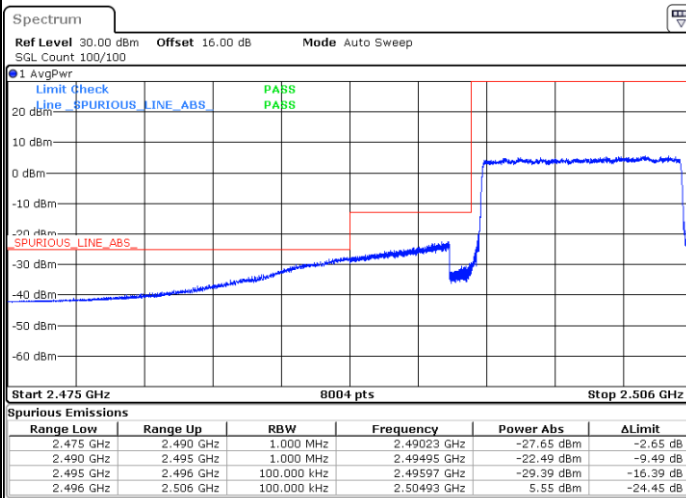
Date: 16.SEP.2022 21:03:16

Highest Band Edge / 1 RB



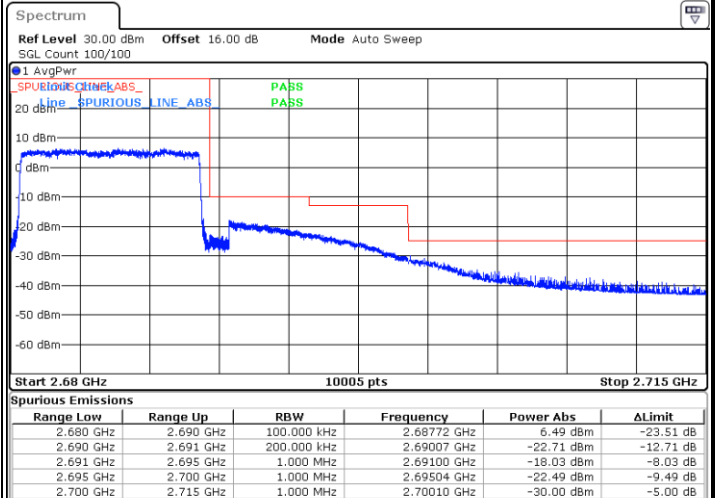
Date: 16.SEP.2022 21:05:14

Lowest Band Edge / Full RB



Date: 16.SEP.2022 21:04:15

Highest Band Edge / Full RB

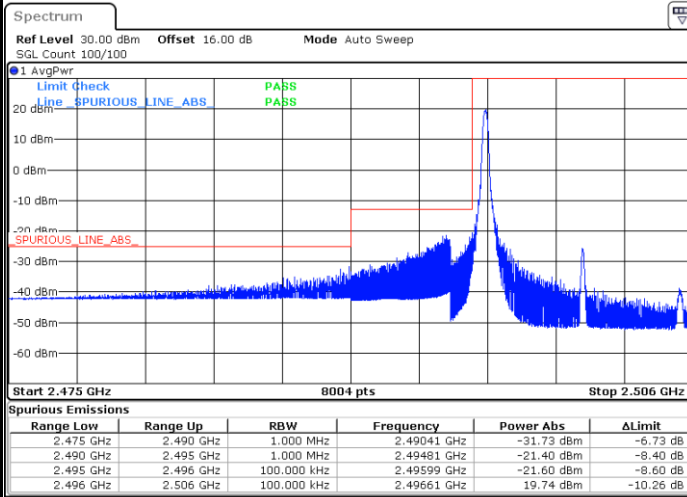


Date: 16.SEP.2022 21:06:13



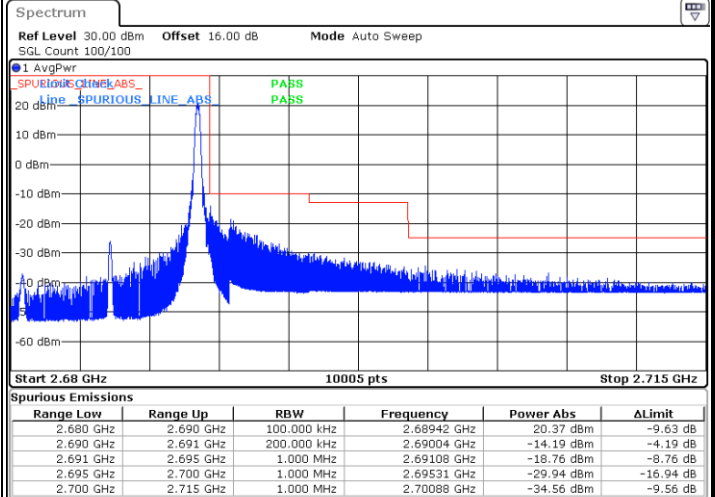
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



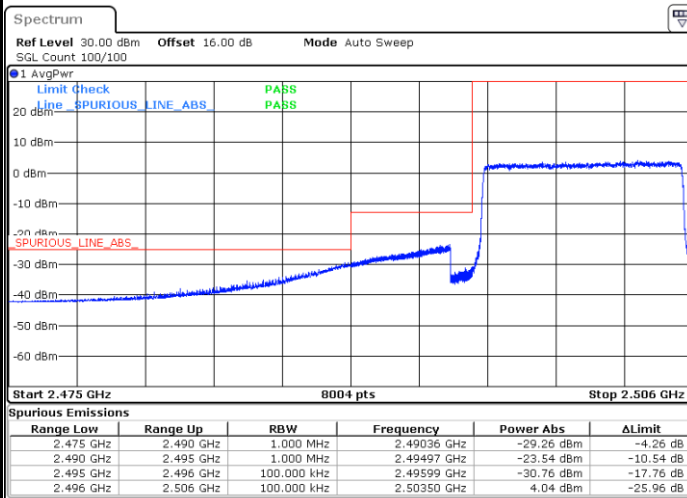
Date: 16.SEP.2022 21:45:29

Highest Band Edge / 1 RB



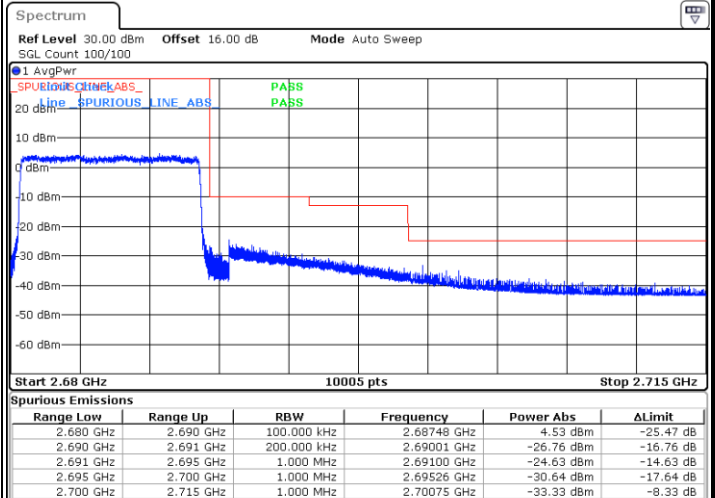
Date: 16.SEP.2022 21:47:37

Lowest Band Edge / Full RB



Date: 16.SEP.2022 21:46:35

Highest Band Edge / Full RB

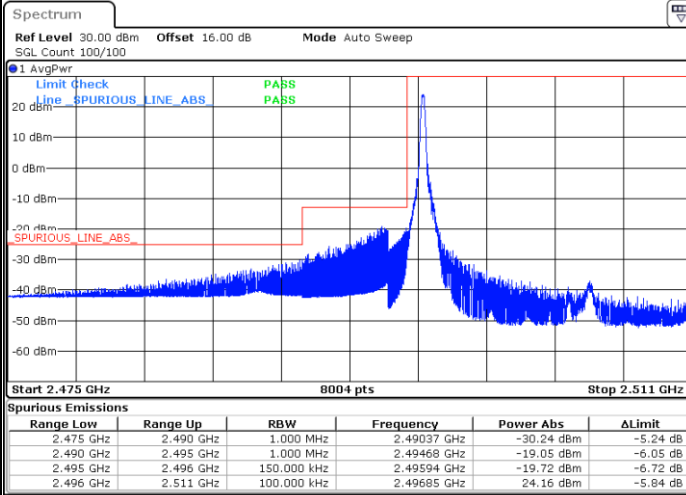


Date: 16.SEP.2022 21:48:39



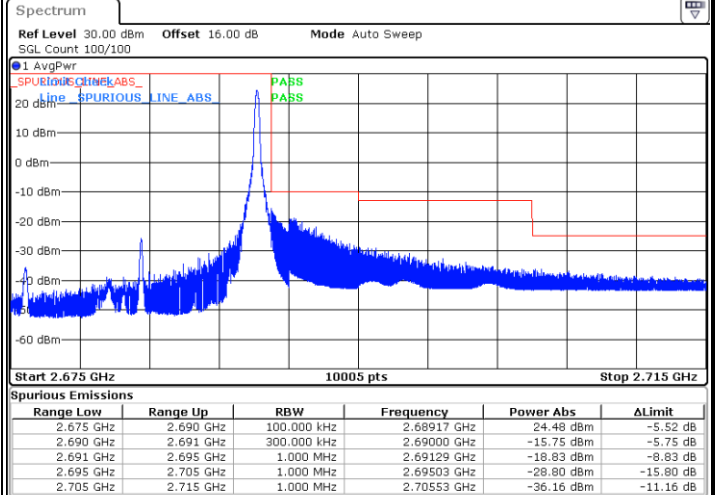
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



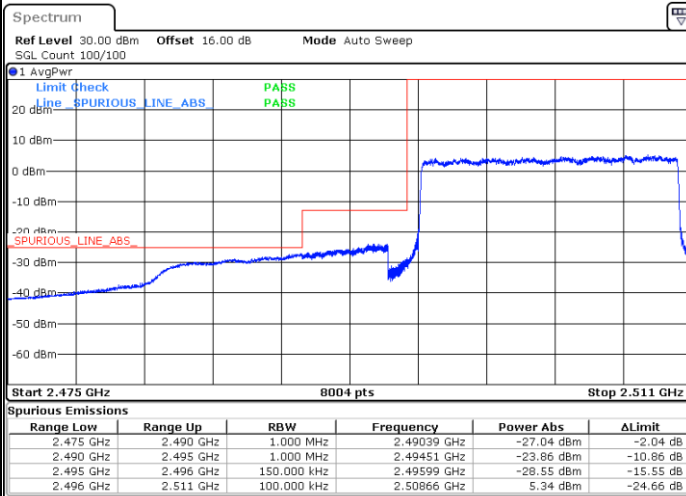
Date: 16.SEP.2022 21:14:39

Highest Band Edge / 1 RB



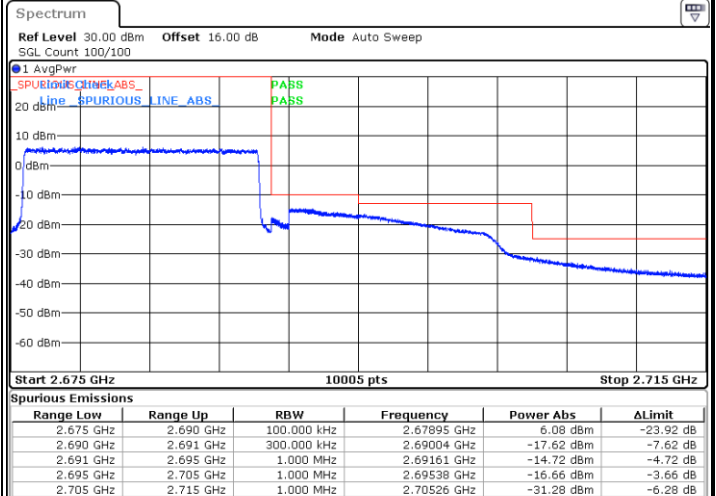
Date: 16.SEP.2022 21:18:35

Lowest Band Edge / Full RB



Date: 19.SEP.2022 14:06:18

Highest Band Edge / Full RB

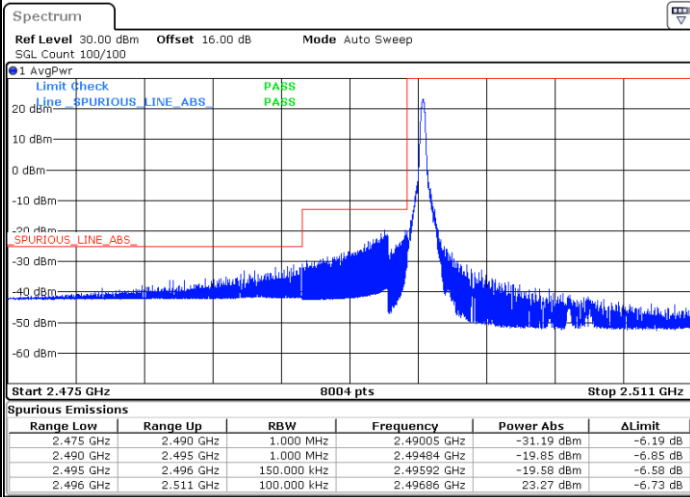


Date: 16.SEP.2022 21:20:32



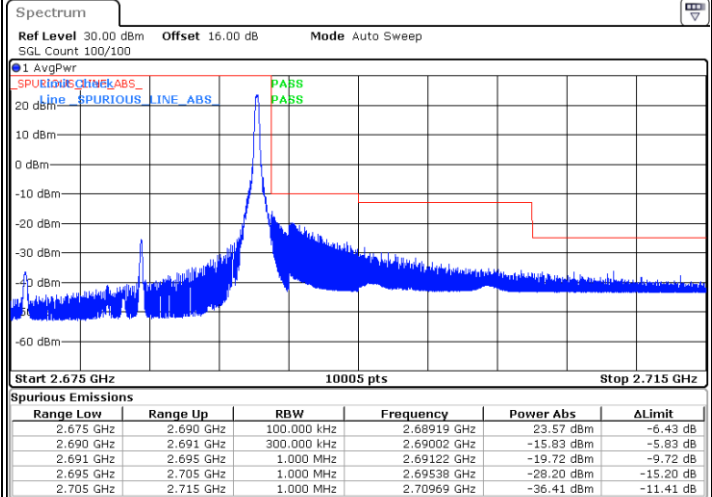
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



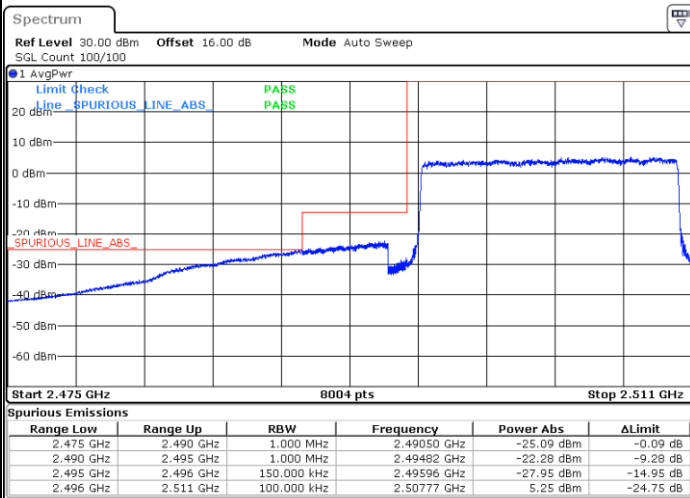
Date: 16.SEP.2022 21:15:38

Highest Band Edge / 1 RB



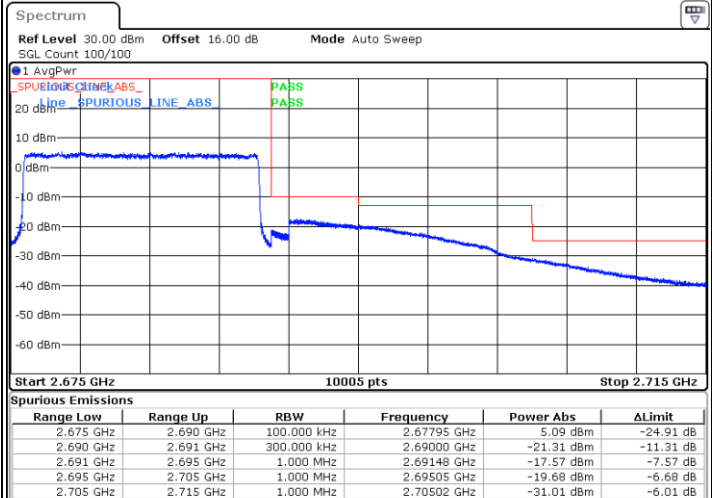
Date: 16.SEP.2022 21:19:34

Lowest Band Edge / Full RB



Date: 16.SEP.2022 21:17:36

Highest Band Edge / Full RB



Date: 16.SEP.2022 21:21:31