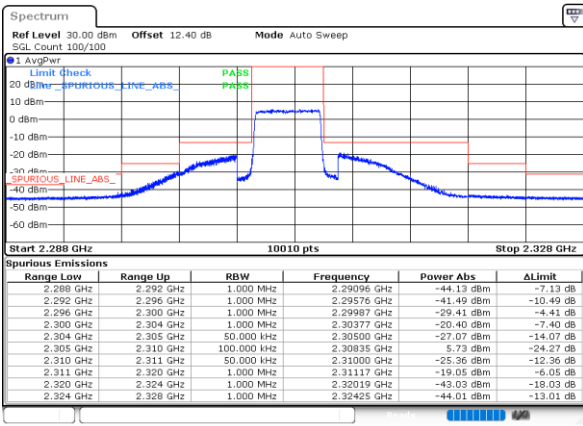


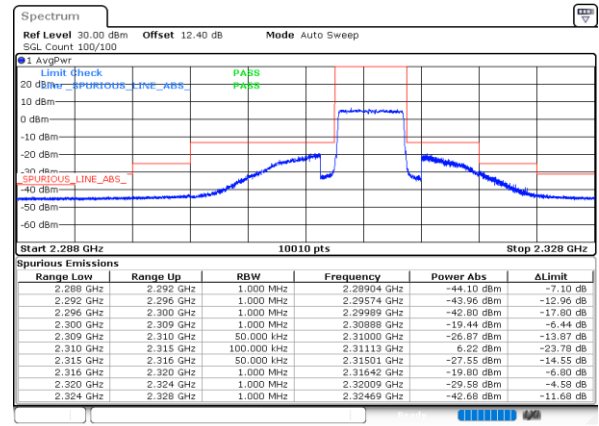


LTE Band 30 / 5MHz / 16QAM

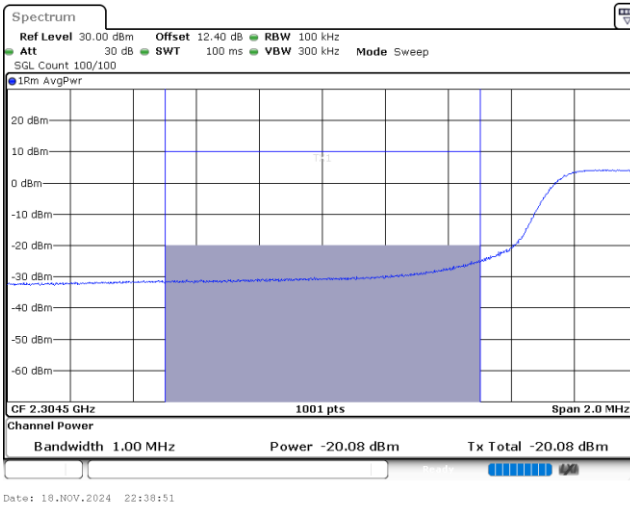
Lowest Band Edge / Full RB



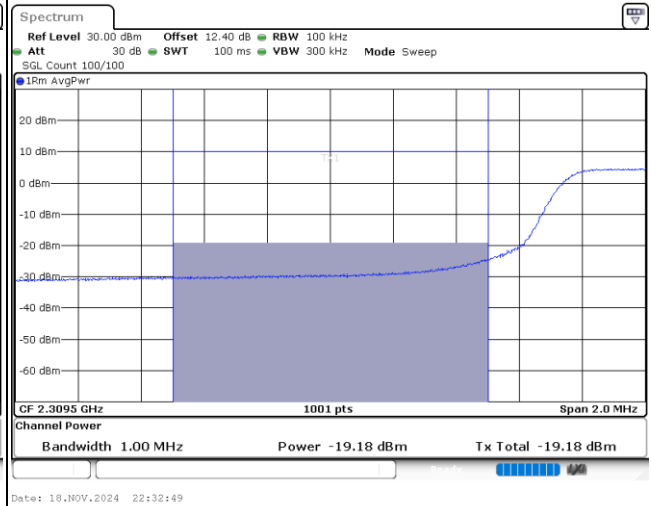
Highest Band Edge / Full RB



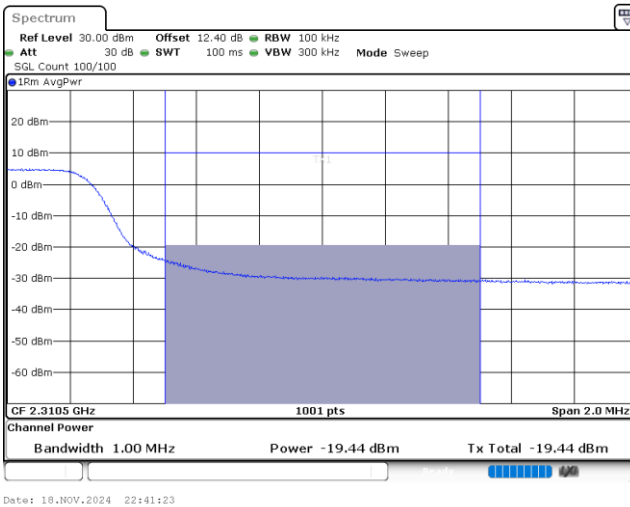
Lowest Band Edge / Full RB / Lower zoom in



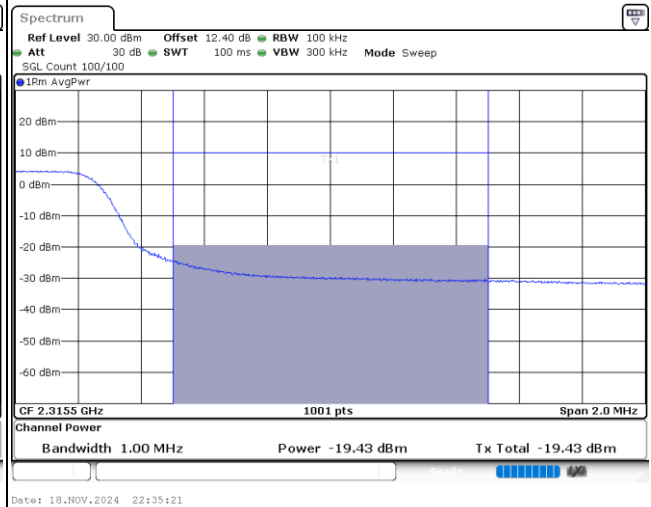
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



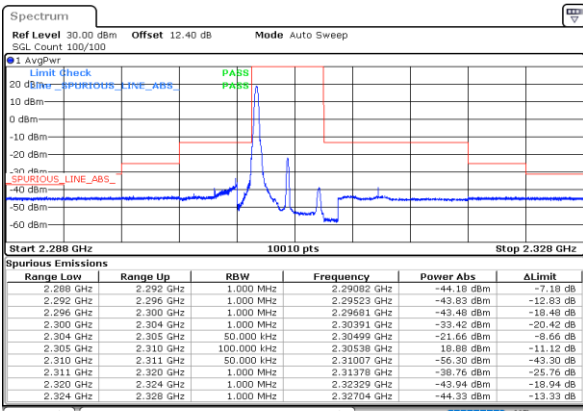
Highest Band Edge / Full RB / Upper zoom in





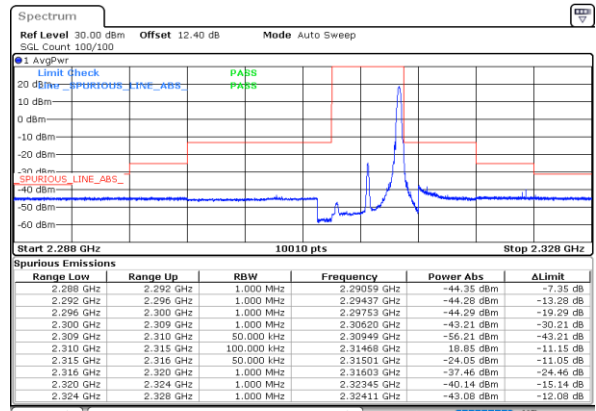
LTE Band 30 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



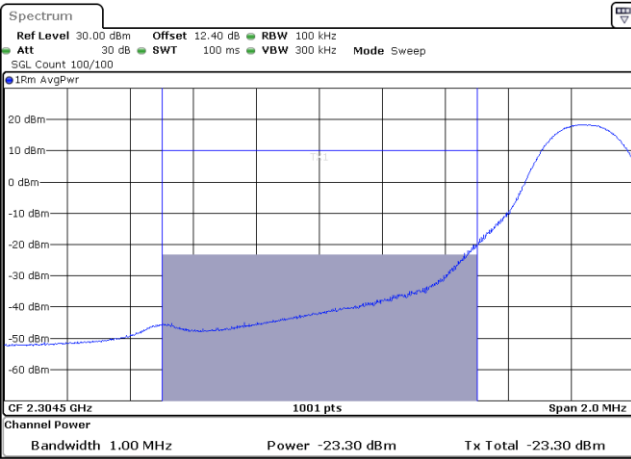
Date: 18.NOV.2024 21:37:45

Highest Band Edge / 1 RB



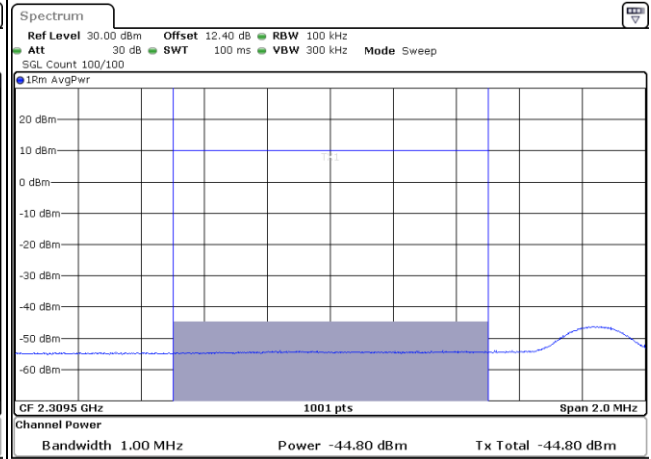
Date: 18.NOV.2024 21:46:13

Lowest Band Edge / 1 RB / Lower zoom in



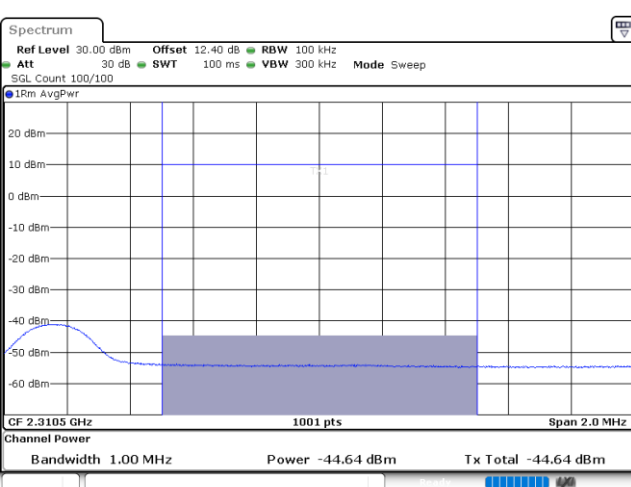
Date: 18.NOV.2024 22:36:19

Highest Band Edge / 1 RB / Lower zoom in



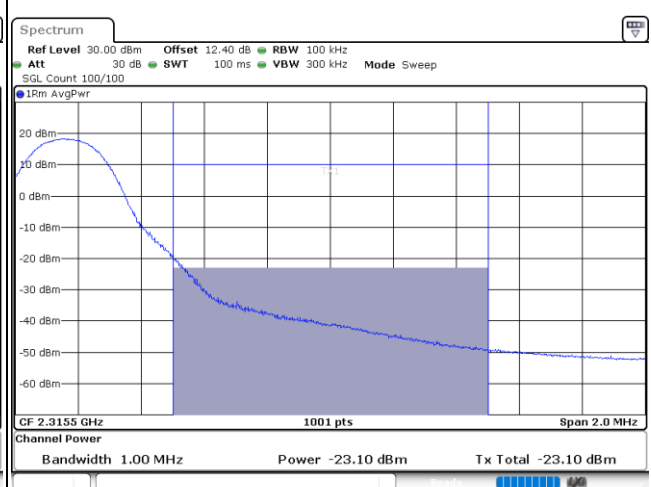
Date: 18.NOV.2024 22:30:17

Lowest Band Edge / 1 RB / Upper zoom in



Date: 18.NOV.2024 22:37:52

Highest Band Edge / 1 RB / Upper zoom in

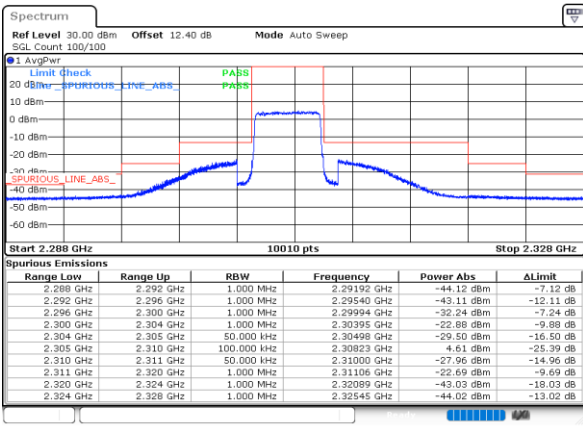


Date: 18.NOV.2024 22:31:50

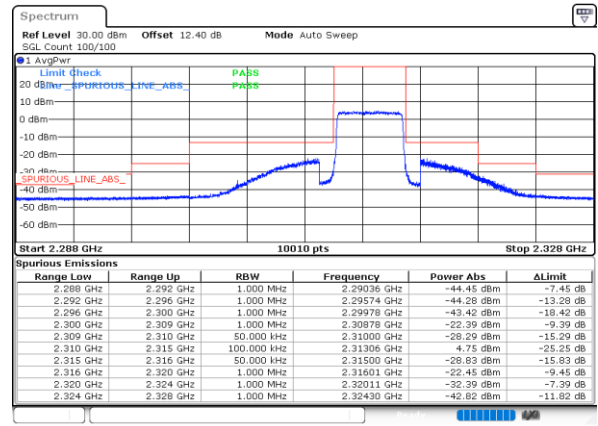


LTE Band 30 / 5MHz / 64QAM

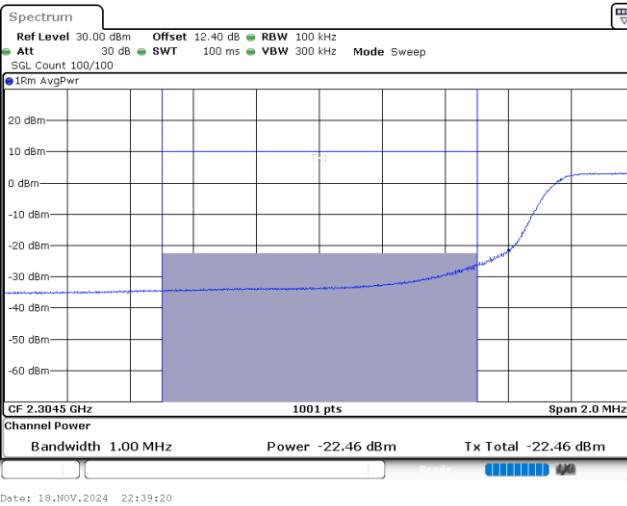
Lowest Band Edge / Full RB



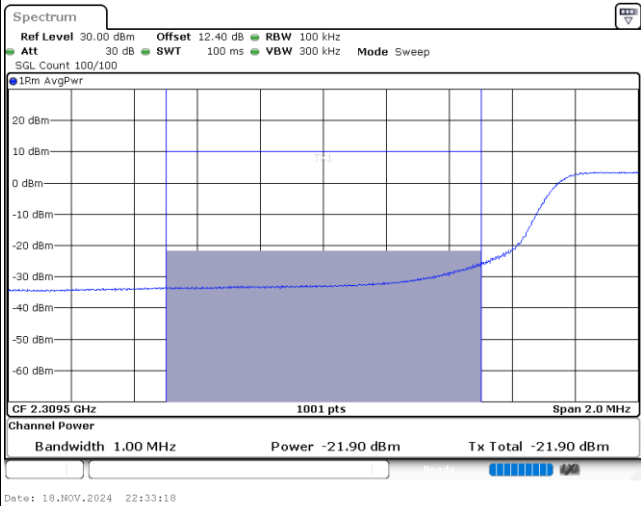
Highest Band Edge / Full RB



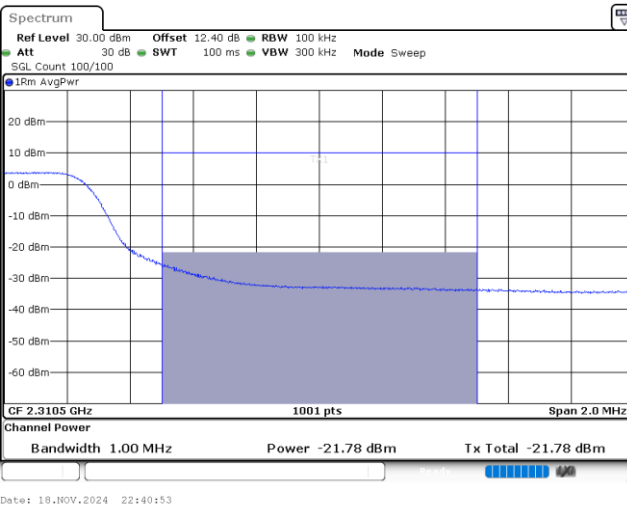
Lowest Band Edge / Full RB / Lower zoom in



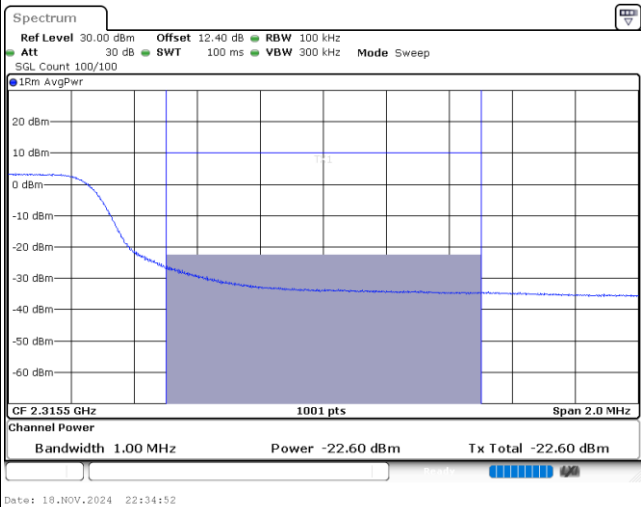
Highest Band Edge / Full RB / Lower zoom in



Lowest Band Edge / Full RB / Upper zoom in



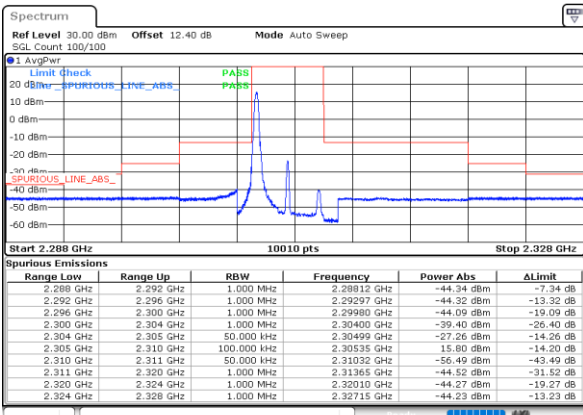
Highest Band Edge / Full RB / Upper zoom in





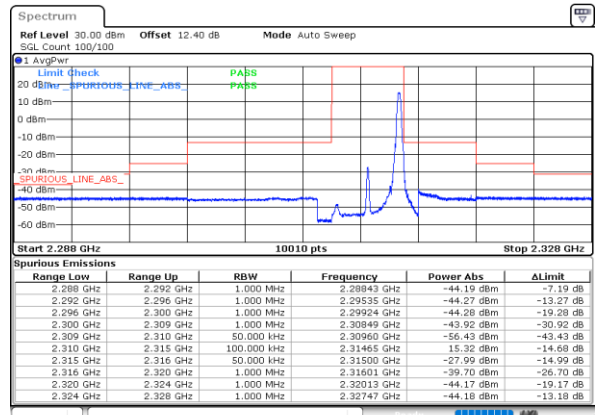
LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / 1 RB



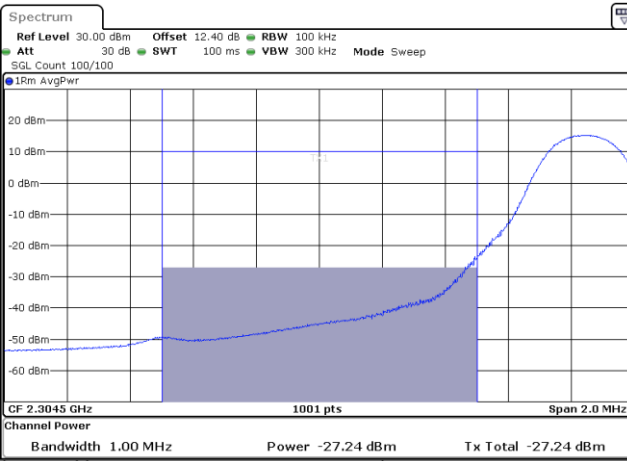
Date: 18.NOV.2024 21:38:47

Highest Band Edge / 1 RB



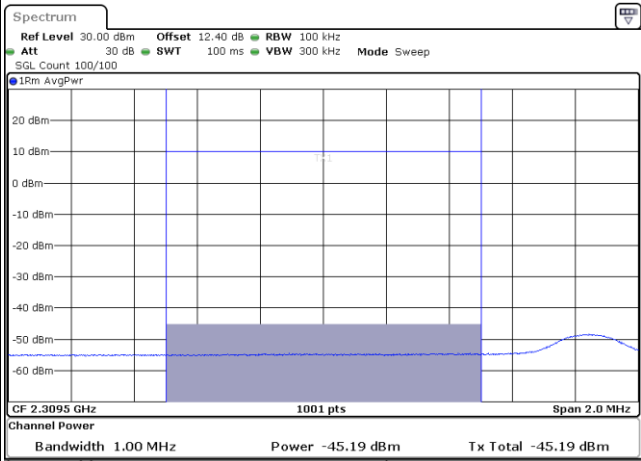
Date: 18.NOV.2024 21:47:15

Lowest Band Edge / 1 RB / Lower zoom in



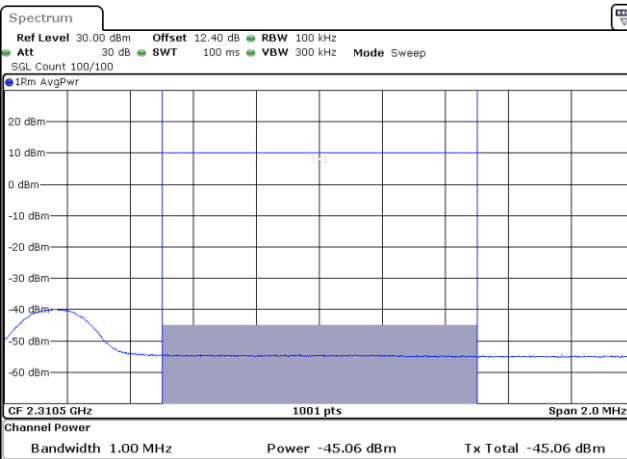
Date: 18.NOV.2024 22:36:49

Highest Band Edge / 1 RB / Lower zoom in



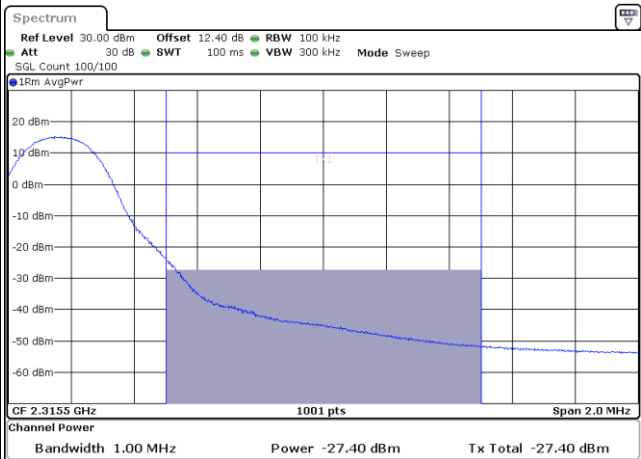
Date: 18.NOV.2024 22:30:46

Lowest Band Edge / 1 RB / Upper zoom in



Date: 18.NOV.2024 22:37:21

Highest Band Edge / 1 RB / Upper zoom in

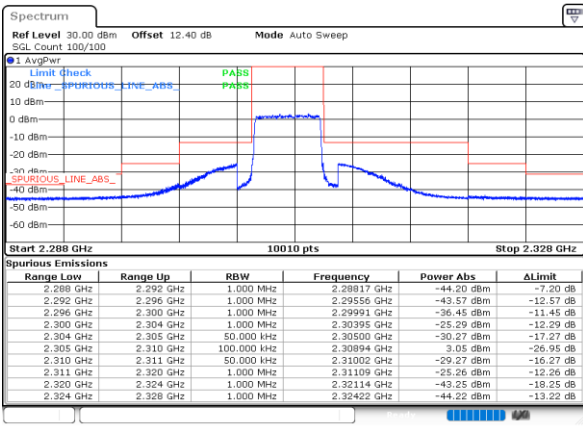


Date: 18.NOV.2024 22:31:18



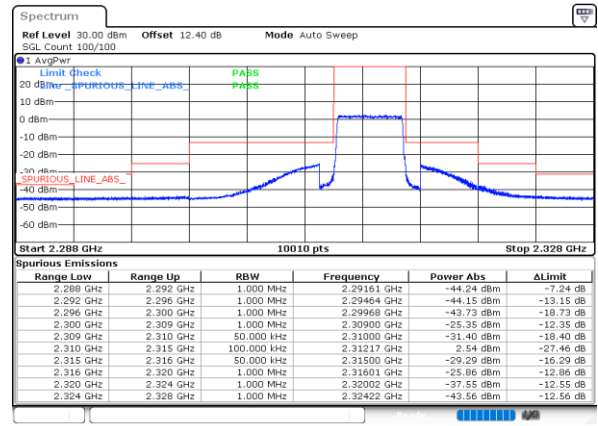
LTE Band 30 / 5MHz / 256QAM

Lowest Band Edge / Full RB



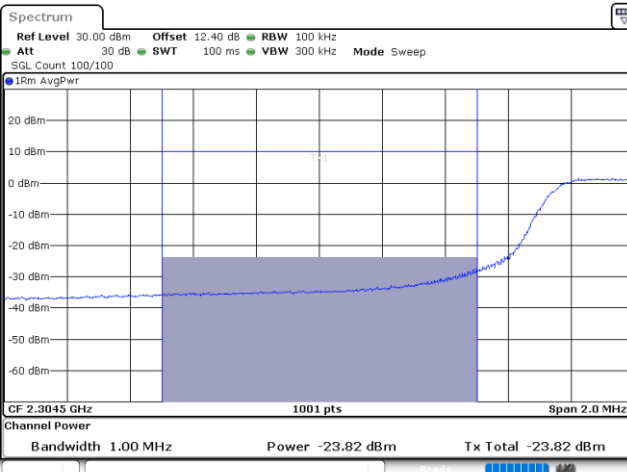
Date: 18.NOV.2024 21:43:01

Highest Band Edge / Full RB



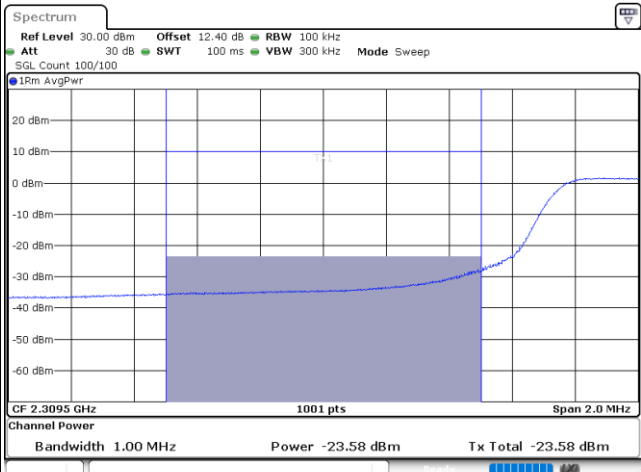
Date: 18.NOV.2024 21:51:29

Lowest Band Edge / Full RB / Lower zoom in



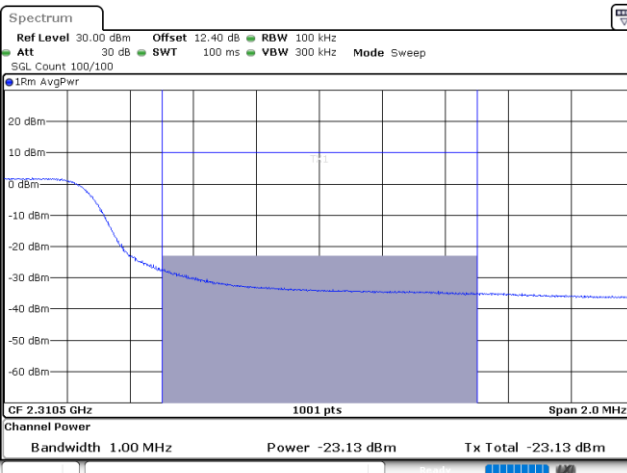
Date: 18.NOV.2024 22:39:50

Highest Band Edge / Full RB / Lower zoom in



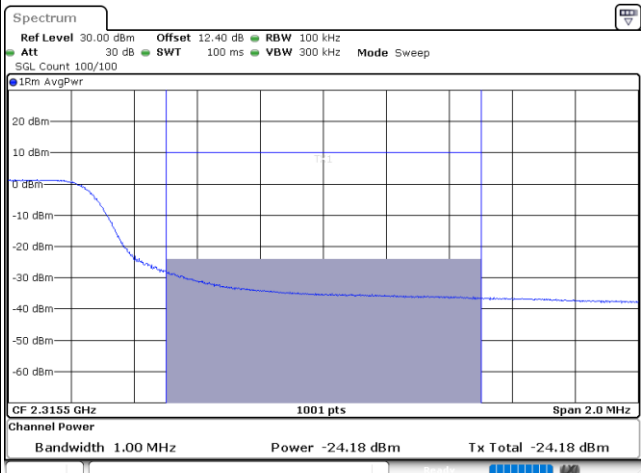
Date: 18.NOV.2024 22:33:47

Lowest Band Edge / Full RB / Upper zoom in



Date: 18.NOV.2024 22:40:22

Highest Band Edge / Full RB / Upper zoom in

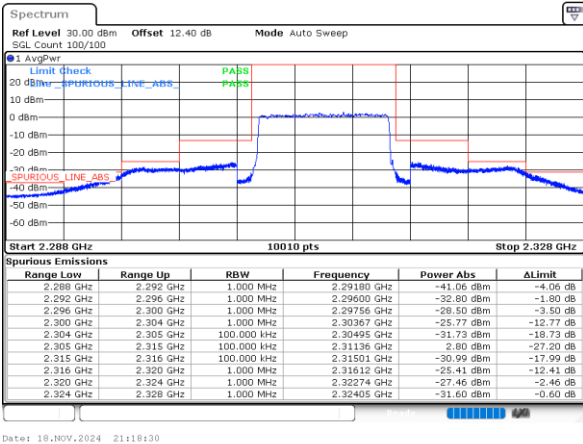


Date: 18.NOV.2024 22:34:19



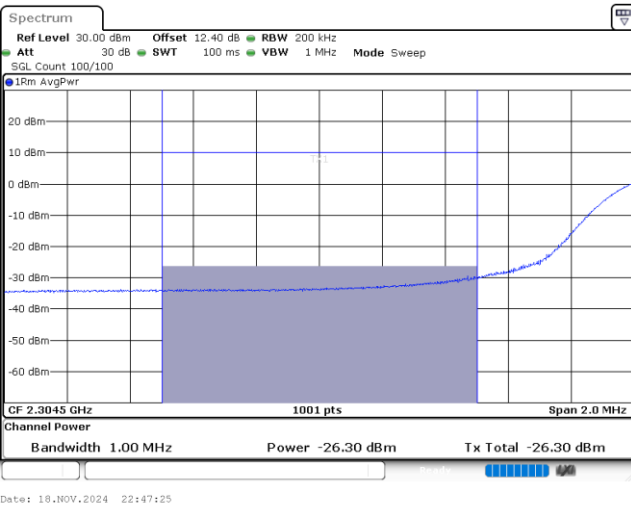
LTE Band 30 / 10MHz / QPSK

Middle Band Edge / Full RB



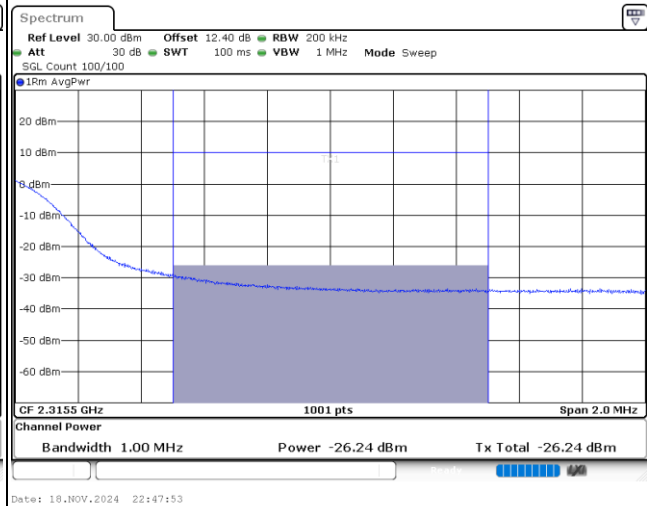
Date: 18.NOV.2024 21:18:30

Middle Band Edge / Full RB / Lower zoom in



Date: 18.NOV.2024 22:47:25

Middle Band Edge / Full RB / Upper zoom in

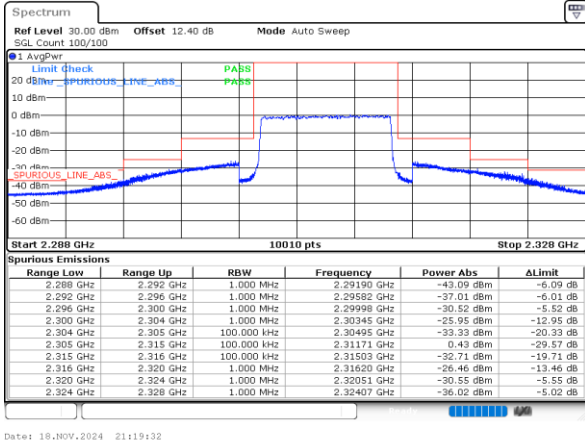


Date: 18.NOV.2024 22:47:53



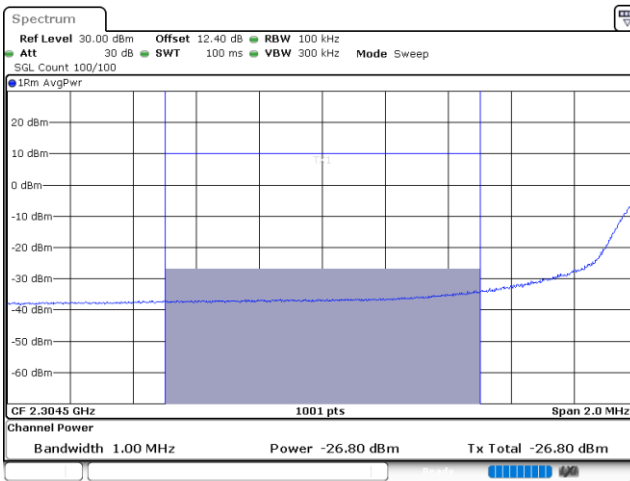
LTE Band 30 / 10MHz / 16QAM

Middle Band Edge / Full RB



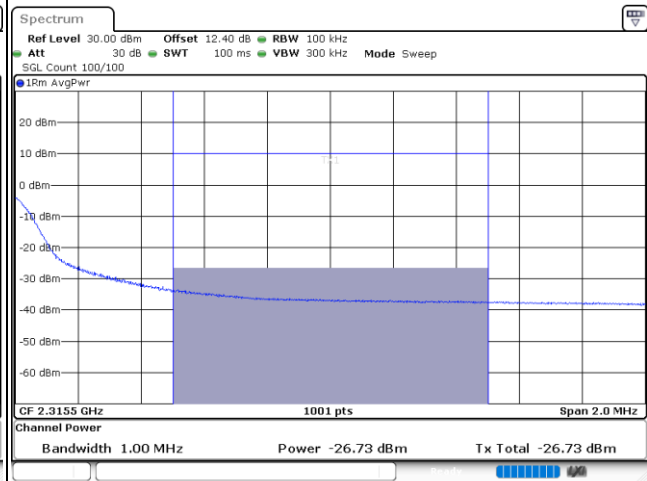
Date: 18.NOV.2024 21:19:32

Middle Band Edge / Full RB / Lower zoom in



Date: 18.NOV.2024 22:50:03

Middle Band Edge / Full RB / Upper zoom in

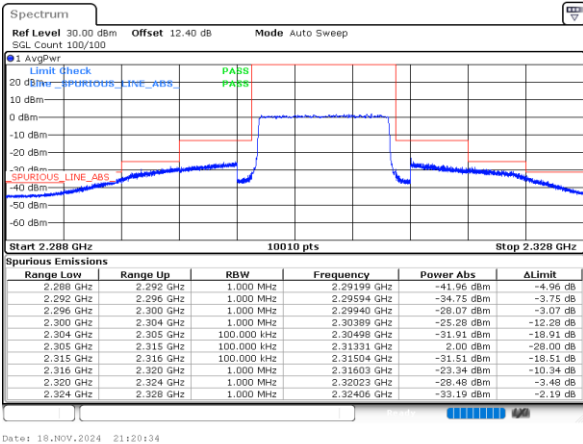


Date: 18.NOV.2024 22:52:26



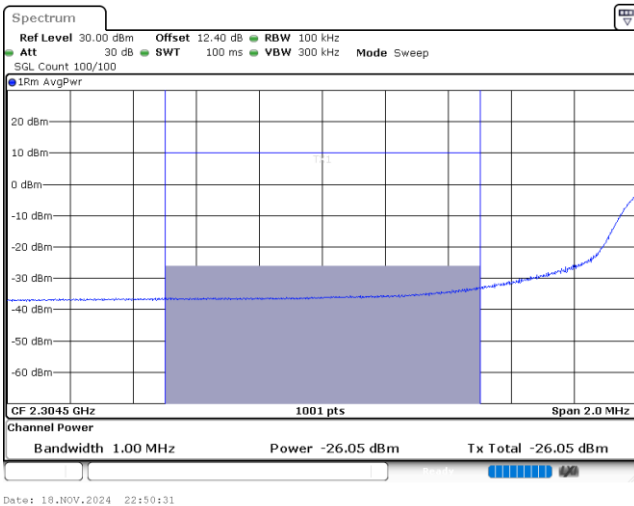
LTE Band 30 / 10MHz / 64QAM

Middle Band Edge / Full RB



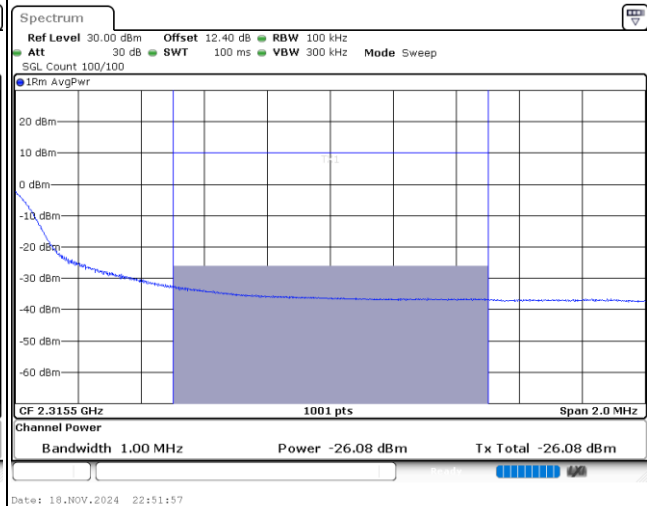
Date: 18.NOV.2024 21:20:34

Middle Band Edge / Full RB / Lower zoom in



Date: 18.NOV.2024 22:50:31

Middle Band Edge / Full RB / Upper zoom in

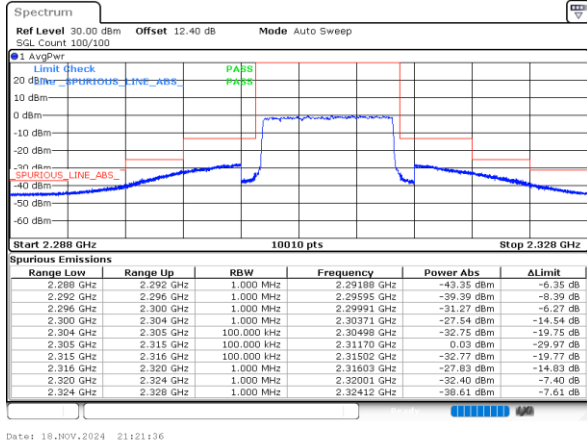


Date: 18.NOV.2024 22:51:57



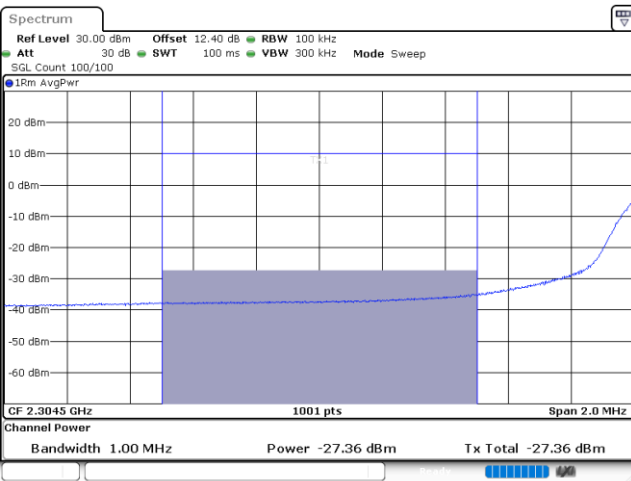
LTE Band 30 / 10MHz / 256QAM

Middle Band Edge / Full RB



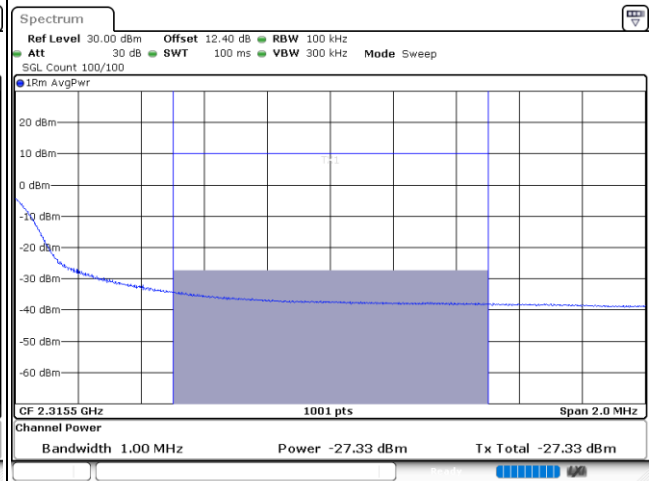
Date: 18.NOV.2024 21:21:36

Middle Band Edge / Full RB / Lower zoom in



Date: 18.NOV.2024 22:51:00

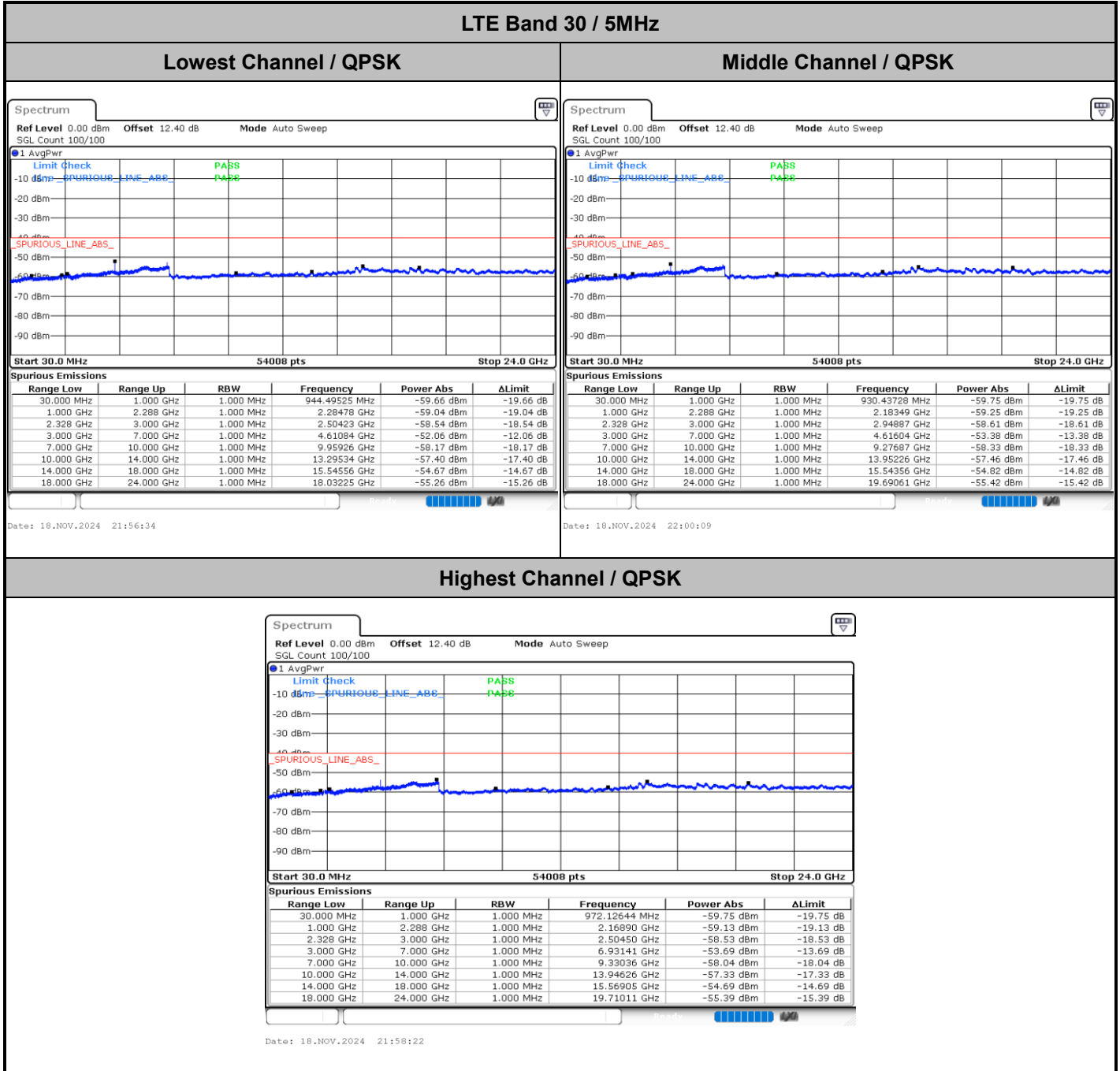
Middle Band Edge / Full RB / Upper zoom in



Date: 18.NOV.2024 22:51:29



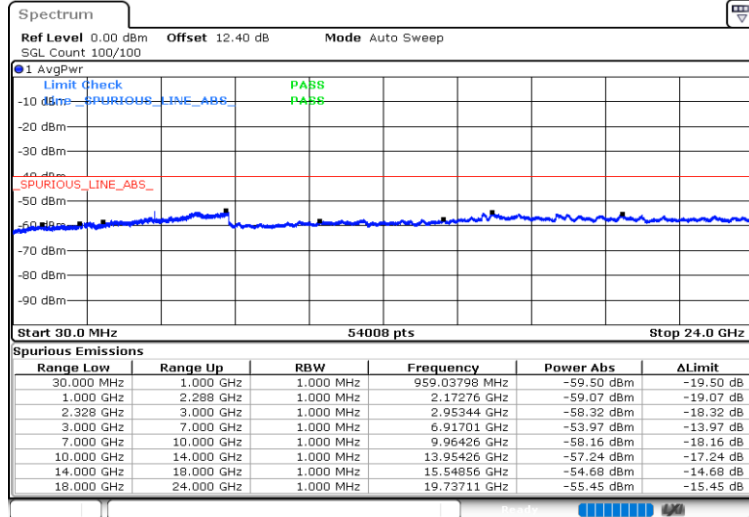
Conducted Spurious Emission





LTE Band 30 / 10MHz

Middle Channel / QPSK



Date: 18.NOV.2024 21:27:59



Frequency Stability

Test Conditions		LTE Band 30 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0054	PASS
40	Normal Voltage	0.0075	
30	Normal Voltage	0.0070	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0023	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0004	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0081	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0038	

Note:

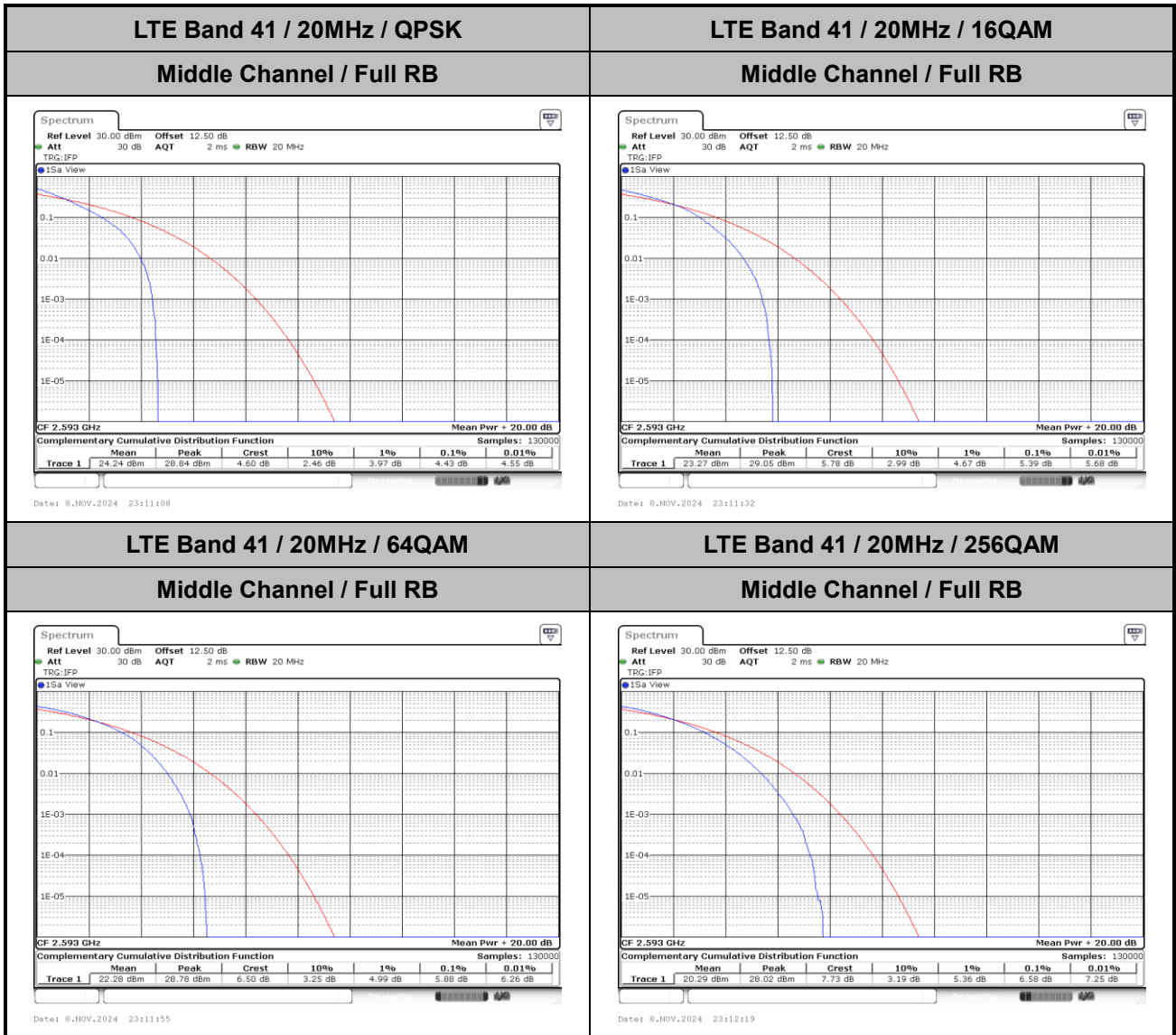
- 1. Normal Voltage = 3.3 V. ; Minimum Voltage = 3.135 V. ; Maximum Voltage = 3.465 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



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	4.43	5.39	5.88	6.58	PASS





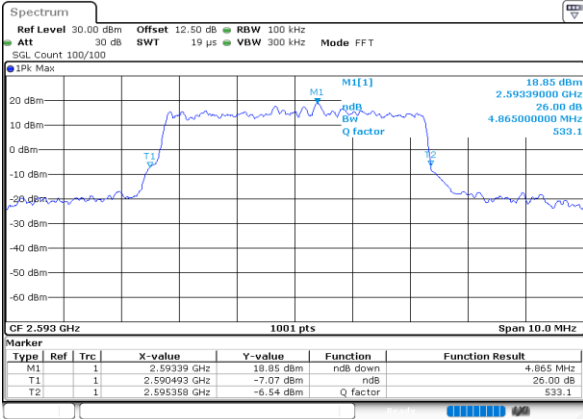
26dB Bandwidth

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	-	-	-	-	4.86	4.86	10.02	9.83	14.32	14.29	18.94	19.14
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	-	-	-	-	4.92	4.79	10.05	9.66	14.47	14.32	19.14	18.90



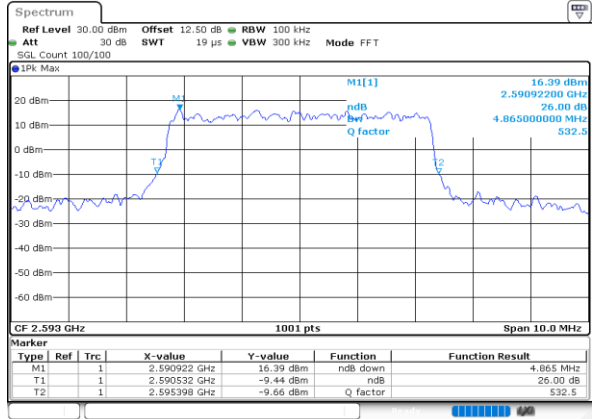
LTE Band 41

Middle Channel / 5MHz / QPSK



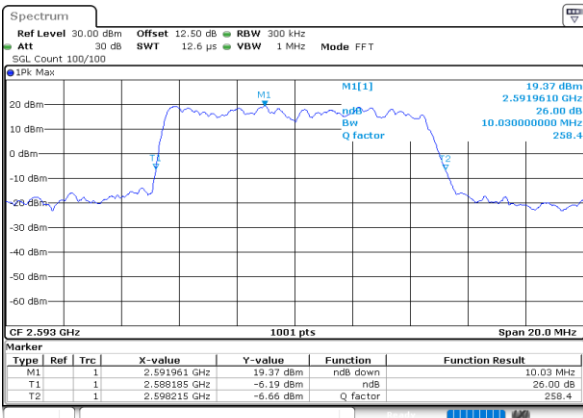
Date: 8.NOV.2024 23:05:03

Middle Channel / 5MHz / 16QAM



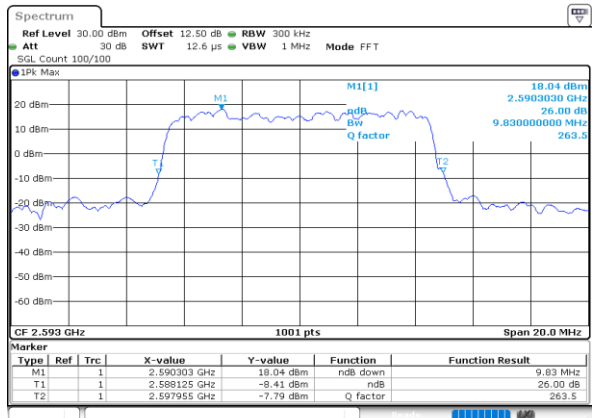
Date: 8.NOV.2024 23:05:25

Middle Channel / 10MHz / QPSK



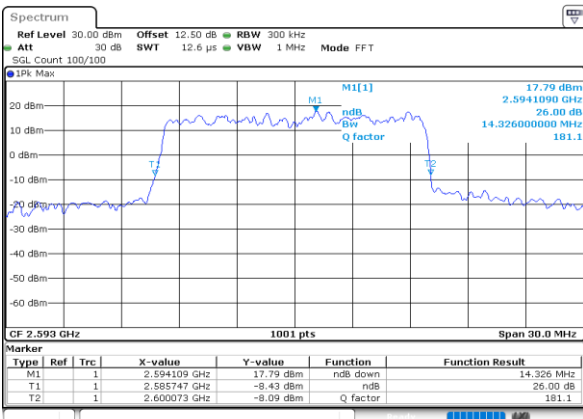
Date: 8.NOV.2024 23:06:34

Middle Channel / 10MHz / 16QAM



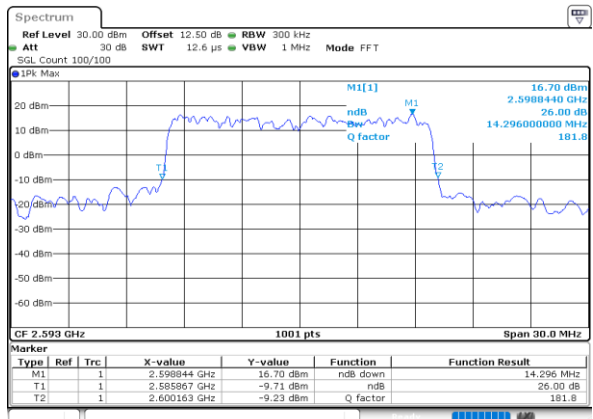
Date: 8.NOV.2024 23:06:57

Middle Channel / 15MHz / QPSK



Date: 8.NOV.2024 23:08:06

Middle Channel / 15MHz / 16QAM

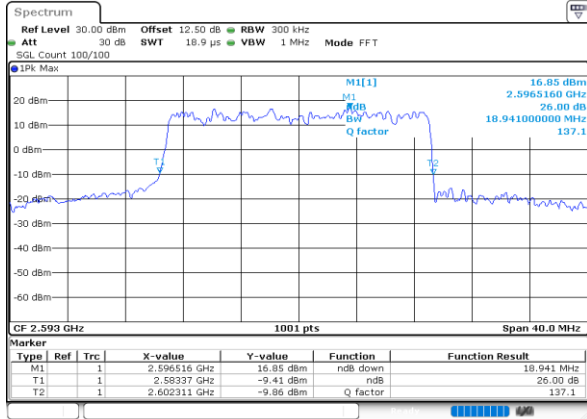


Date: 8.NOV.2024 23:08:28



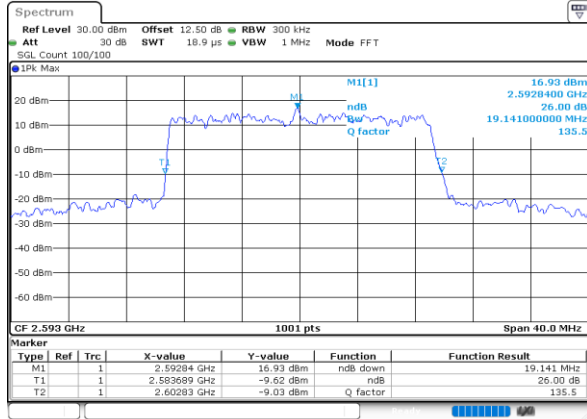
LTE Band 41

Middle Channel / 20MHz / QPSK



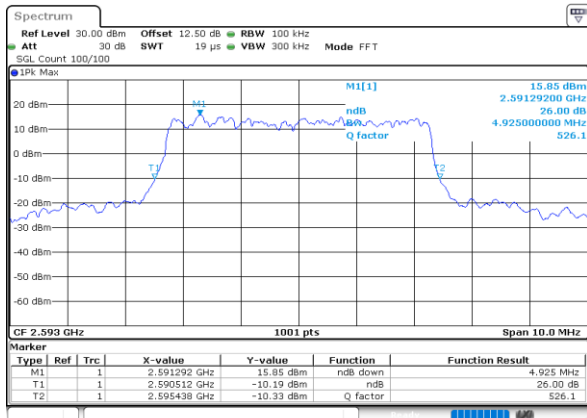
Date: 8.NOV.2024 23:09:37

Middle Channel / 20MHz / 16QAM



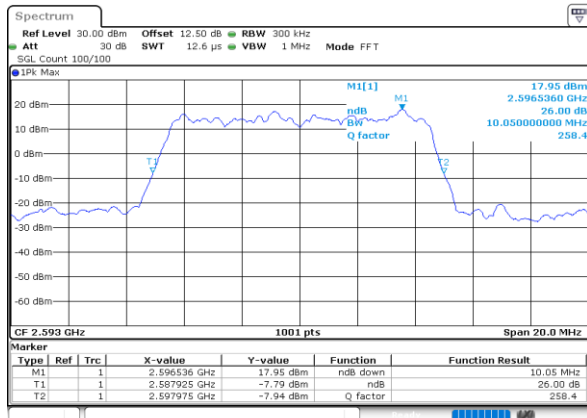
Date: 8.NOV.2024 23:09:59

Middle Channel / 5MHz / 64QAM



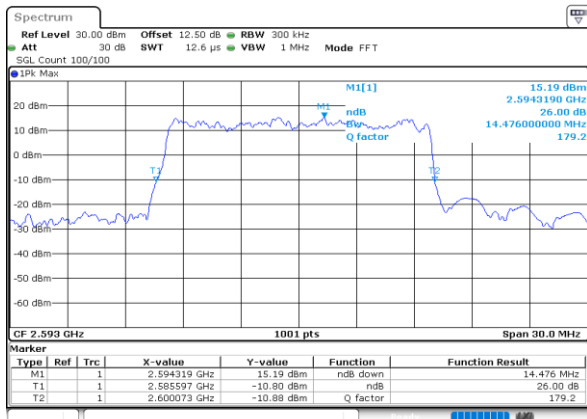
Date: 8.NOV.2024 23:05:48

Middle Channel / 10MHz / 64QAM



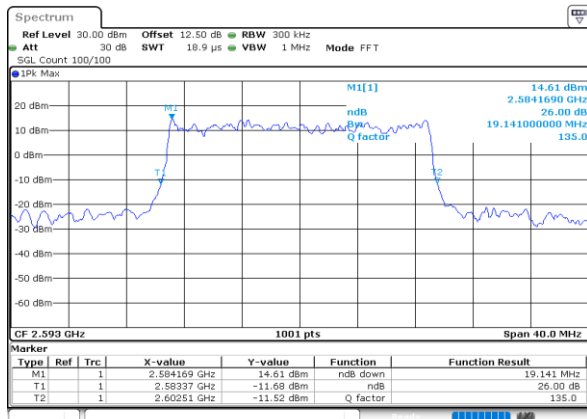
Date: 8.NOV.2024 23:07:19

Middle Channel / 15MHz / 64QAM



Date: 8.NOV.2024 23:08:50

Middle Channel / 20MHz / 64QAM

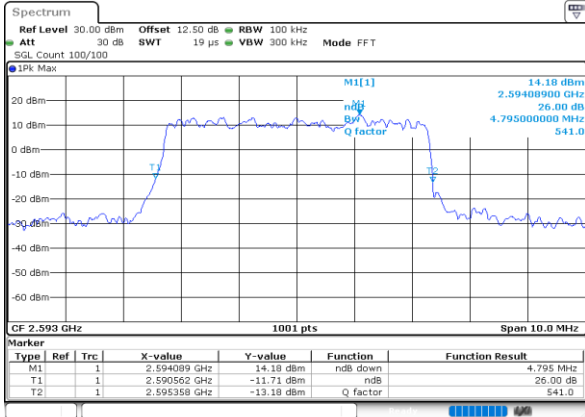


Date: 8.NOV.2024 23:10:22



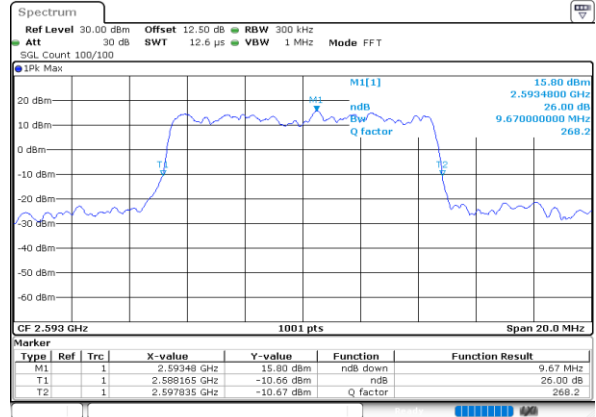
LTE Band 41

Middle Channel / 5MHz / 256QAM



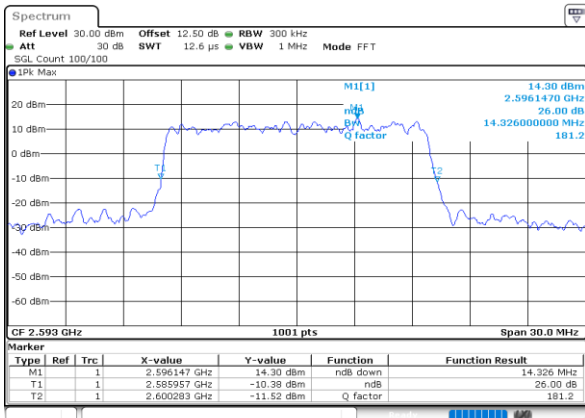
Date: 8.NOV.2024 23:06:10

Middle Channel / 10MHz / 256QAM



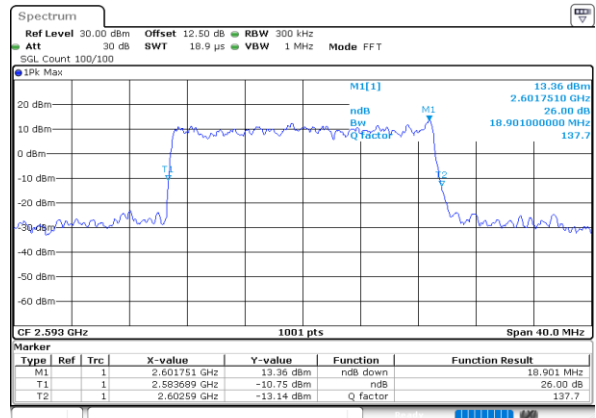
Date: 8.NOV.2024 23:07:41

Middle Channel / 15MHz / 256QAM



Date: 8.NOV.2024 23:09:13

Middle Channel / 20MHz / 256QAM



Date: 8.NOV.2024 23:10:44



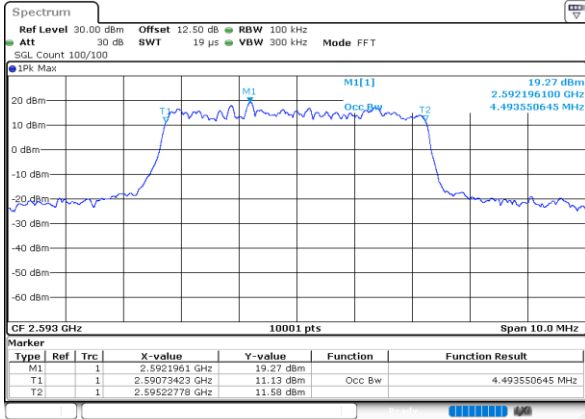
Occupied Bandwidth

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	9.07	13.44	13.47	17.92	17.87
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	-	-	-	-	4.46	4.49	9.04	9.09	13.43	13.44	17.90	17.82



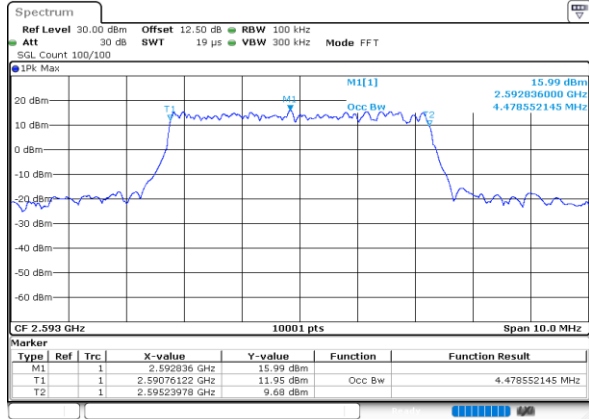
LTE Band 41

Middle Channel / 5MHz / QPSK



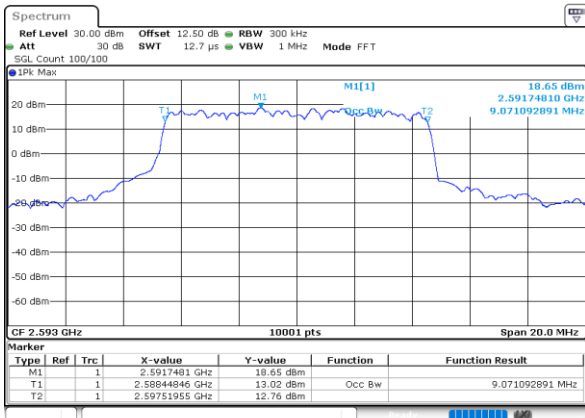
Date: 8.NOV.2024 22:58:56

Middle Channel / 5MHz / 16QAM



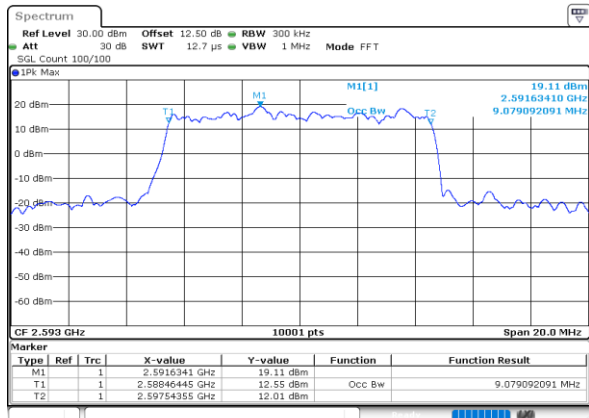
Date: 8.NOV.2024 22:59:19

Middle Channel / 10MHz / QPSK



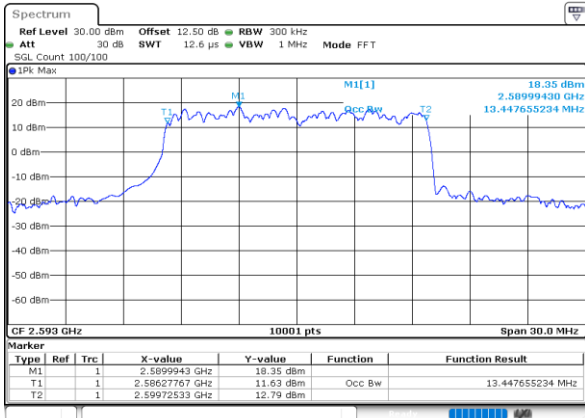
Date: 8.NOV.2024 23:00:28

Middle Channel / 10MHz / 16QAM



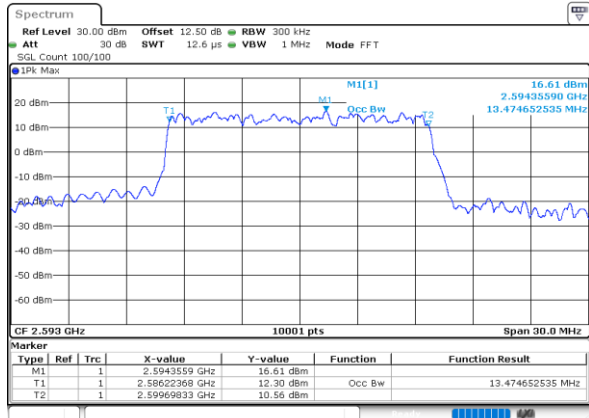
Date: 8.NOV.2024 23:00:50

Middle Channel / 15MHz / QPSK



Date: 8.NOV.2024 23:01:59

Middle Channel / 15MHz / 16QAM

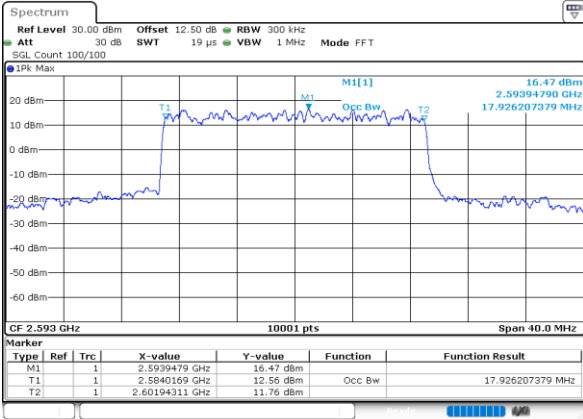


Date: 8.NOV.2024 23:02:22



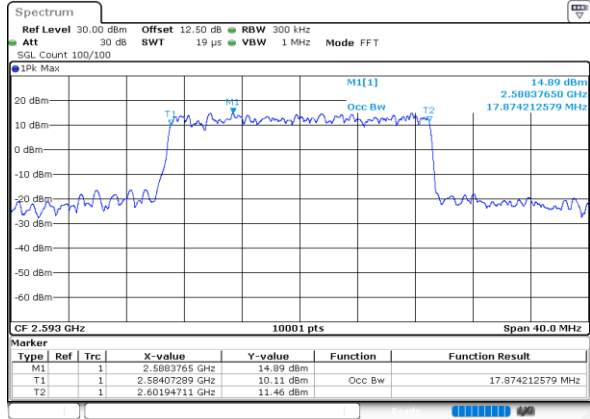
LTE Band 41

Middle Channel / 20MHz / QPSK



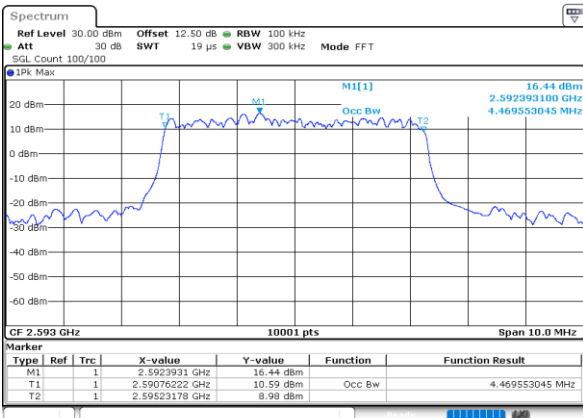
Date: 8.NOV.2024 23:03:13

Middle Channel / 20MHz / 16QAM



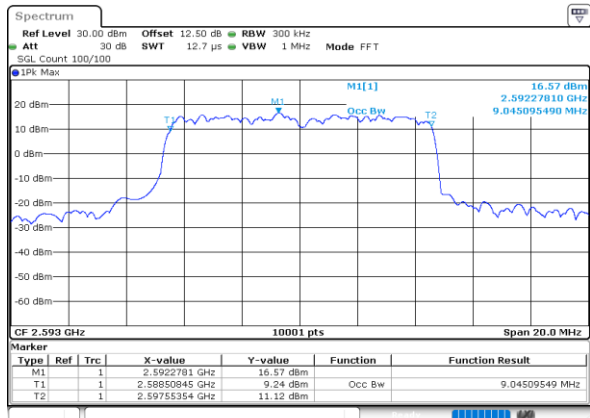
Date: 8.NOV.2024 23:03:53

Middle Channel / 5MHz / 64QAM



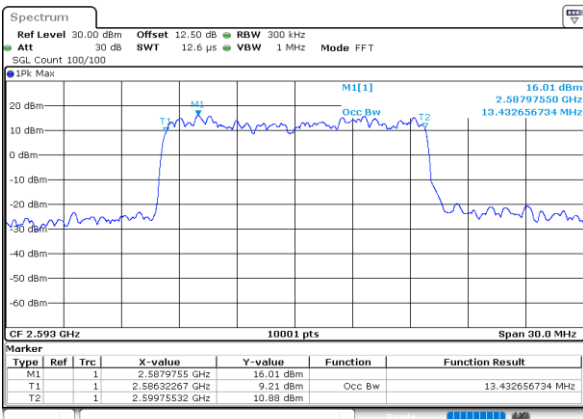
Date: 8.NOV.2024 22:59:41

Middle Channel / 10MHz / 64QAM



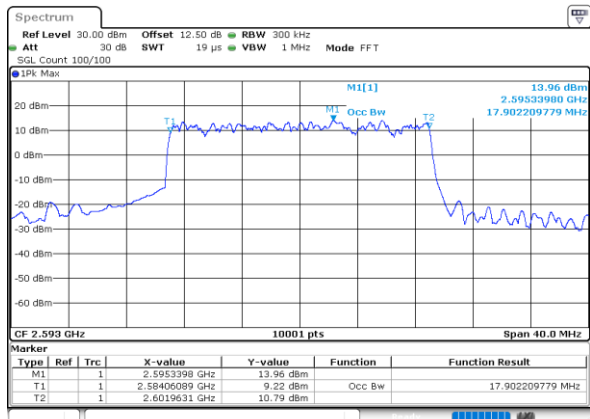
Date: 8.NOV.2024 23:01:13

Middle Channel / 15MHz / 64QAM



Date: 8.NOV.2024 23:02:44

Middle Channel / 20MHz / 64QAM

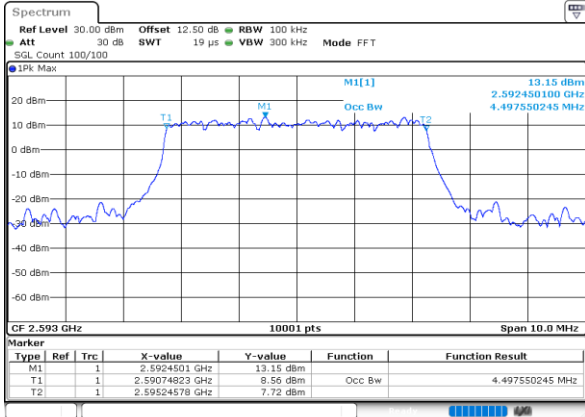


Date: 8.NOV.2024 23:04:16



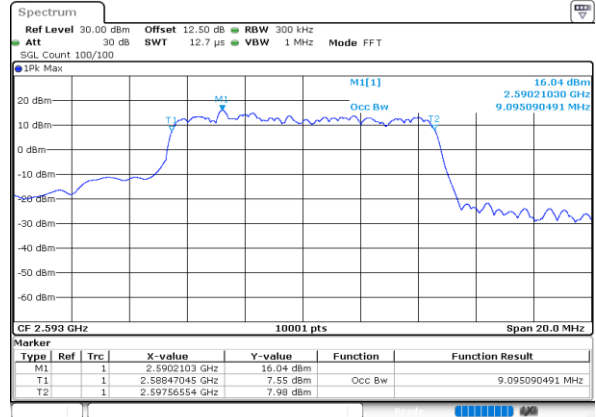
LTE Band 41

Middle Channel / 5MHz / 256QAM



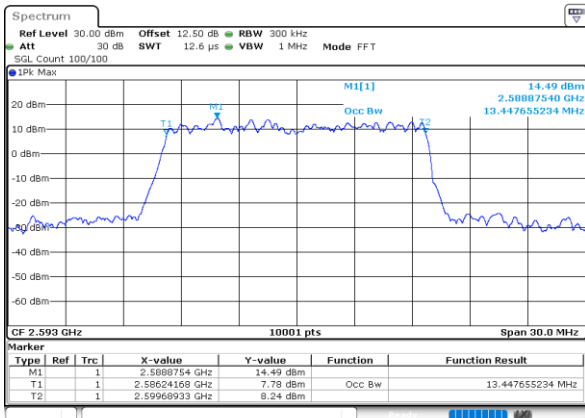
Date: 8.NOV.2024 23:00:04

Middle Channel / 10MHz / 256QAM



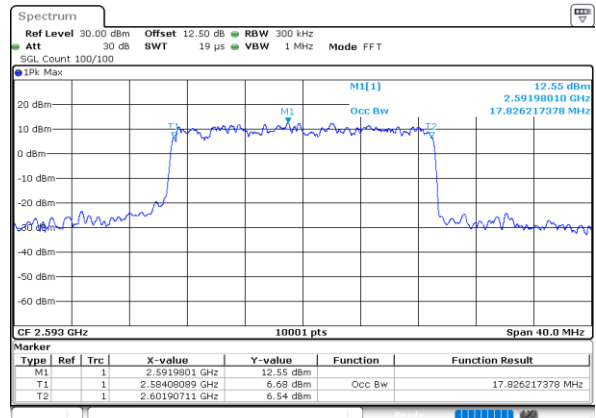
Date: 8.NOV.2024 23:01:35

Middle Channel / 15MHz / 256QAM



Date: 8.NOV.2024 23:03:07

Middle Channel / 20MHz / 256QAM



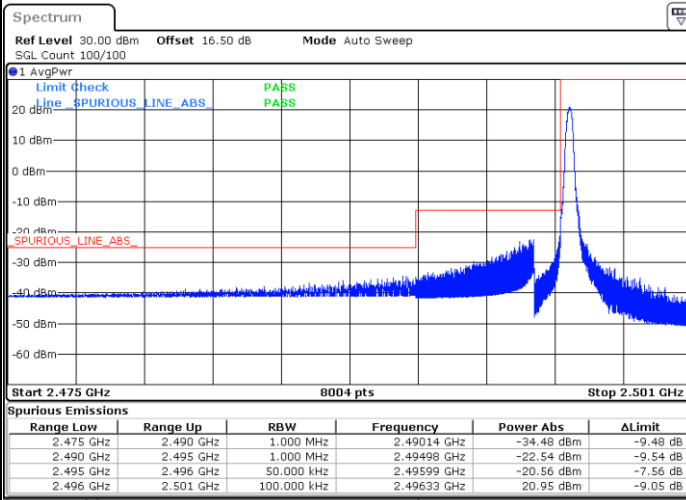
Date: 8.NOV.2024 23:04:38



Conducted Band Edge

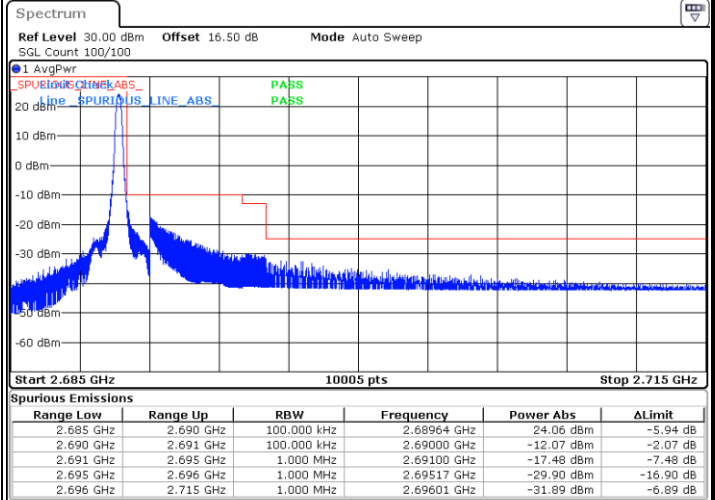
LTE Band 41 / 5MHz / QPSK

Lowest Band Edge / 1 RB



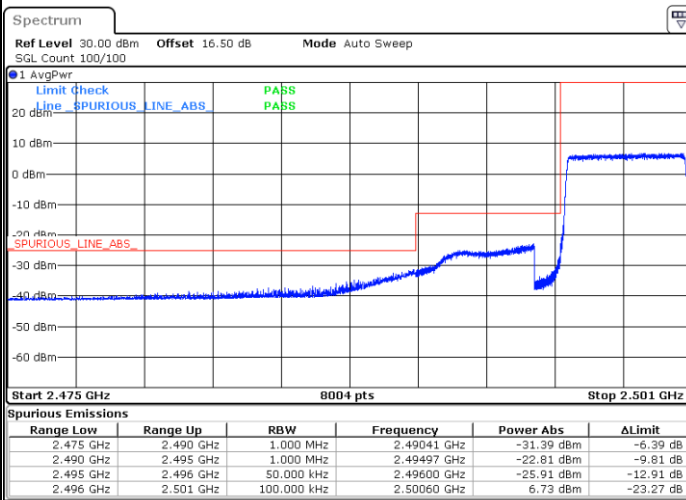
Date: 8.NOV.2024 21:58:21

Highest Band Edge / 1 RB



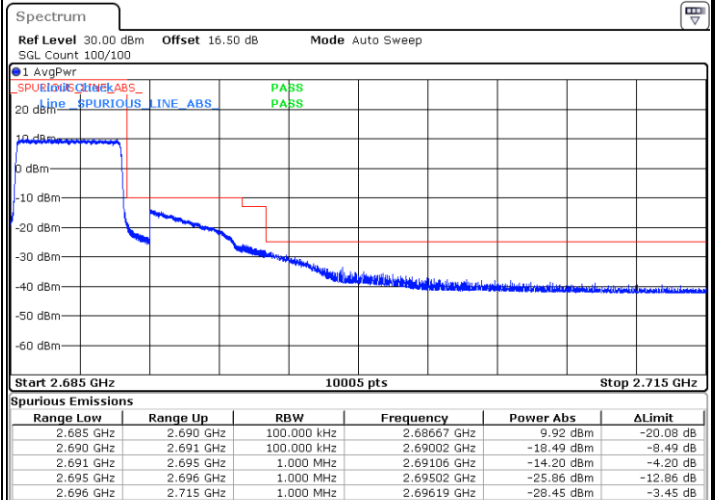
Date: 8.NOV.2024 22:11:03

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:02:35

Highest Band Edge / Full RB

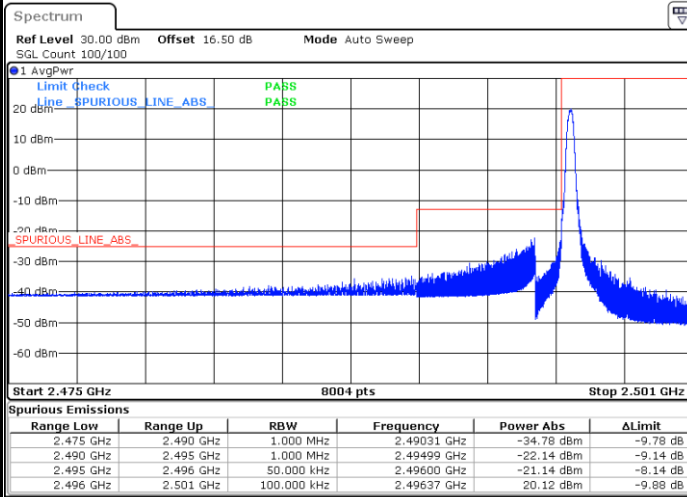


Date: 8.NOV.2024 22:06:49



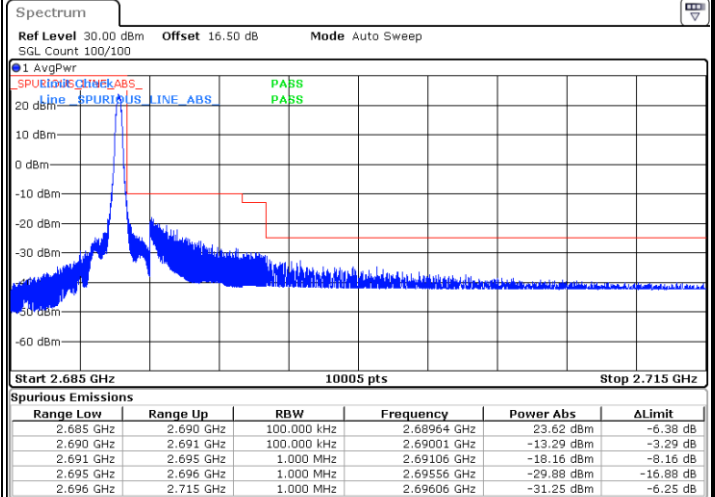
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



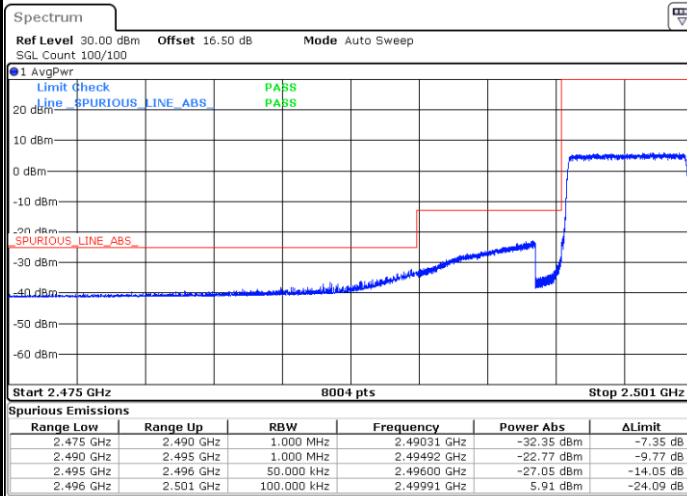
Date: 8.NOV.2024 21:59:24

Highest Band Edge / 1 RB



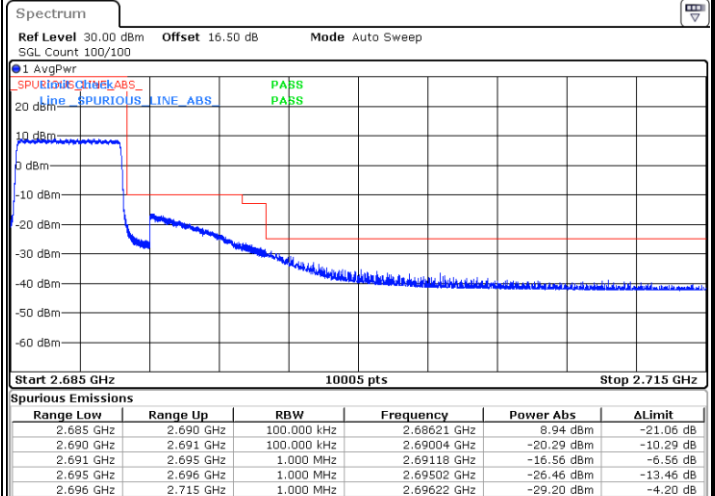
Date: 8.NOV.2024 22:12:06

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:03:38

Highest Band Edge / Full RB

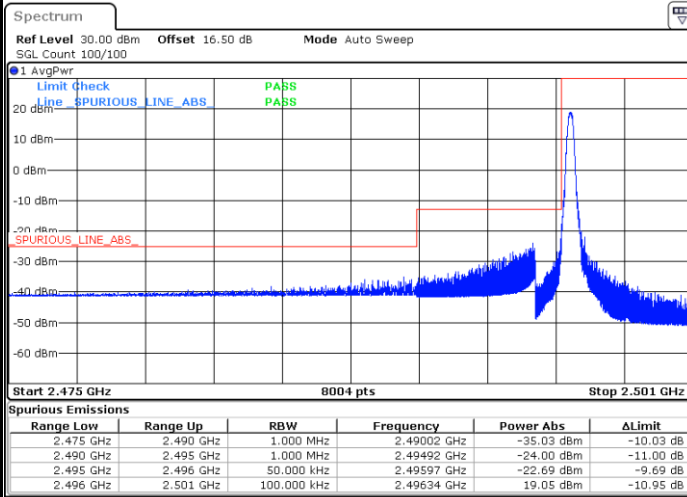


Date: 8.NOV.2024 22:07:52



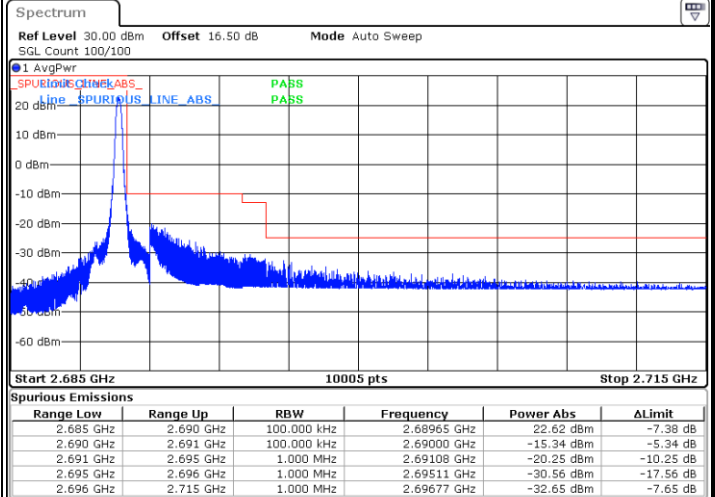
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



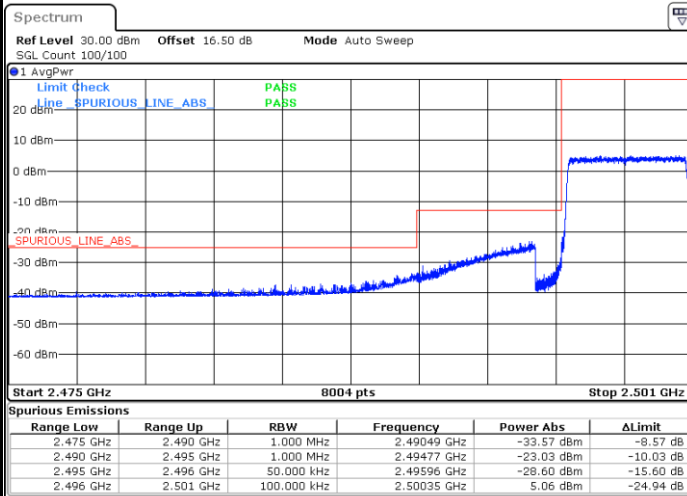
Date: 8.NOV.2024 22:00:26

Highest Band Edge / 1 RB



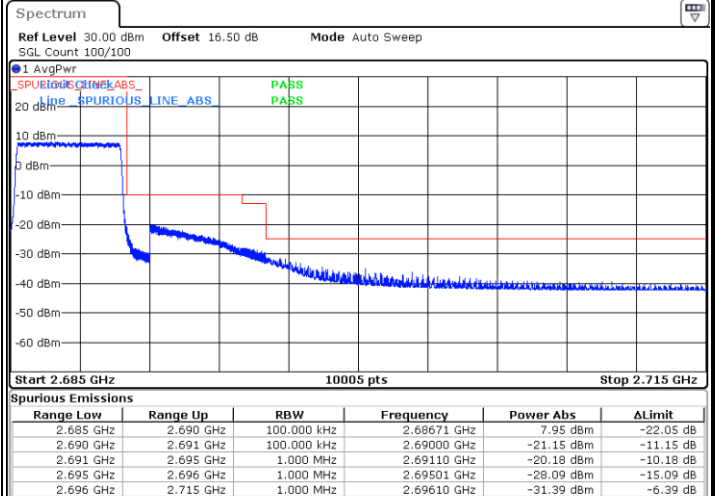
Date: 8.NOV.2024 22:13:08

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:04:41

Highest Band Edge / Full RB

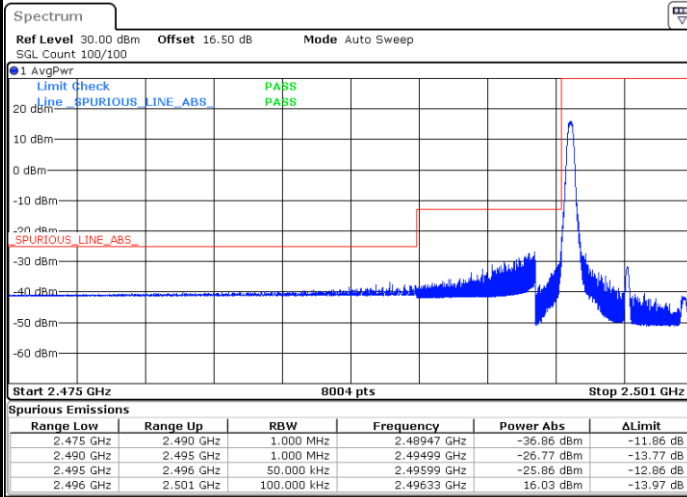


Date: 8.NOV.2024 22:08:54



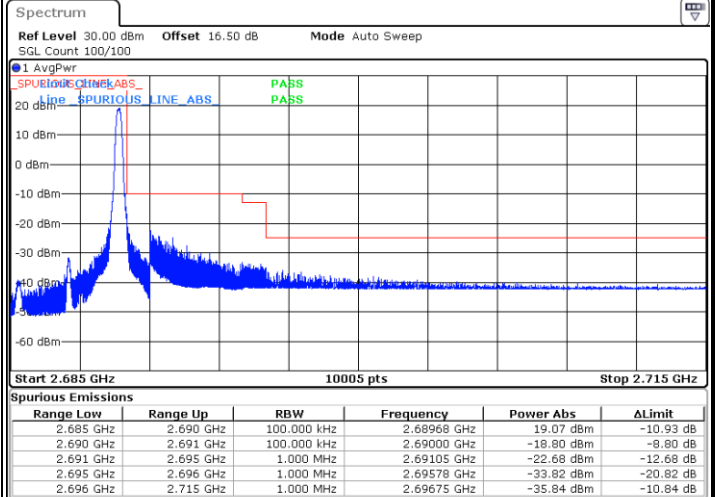
LTE Band 41 / 5MHz / 256QAM

Lowest Band Edge / 1RB



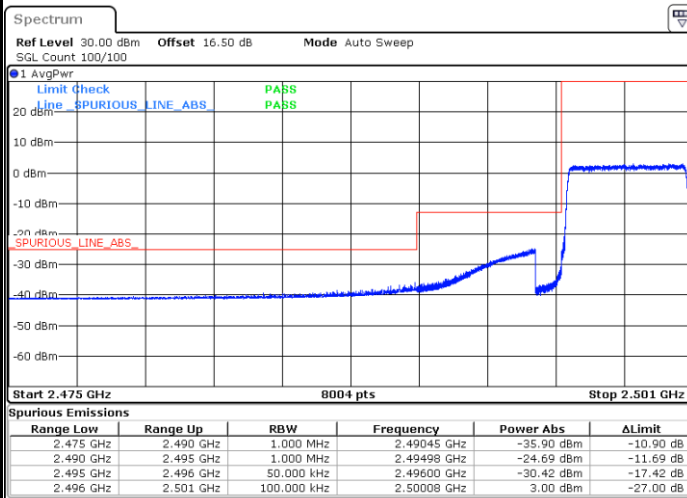
Date: 8.NOV.2024 22:01:29

Highest Band Edge / 1 RB



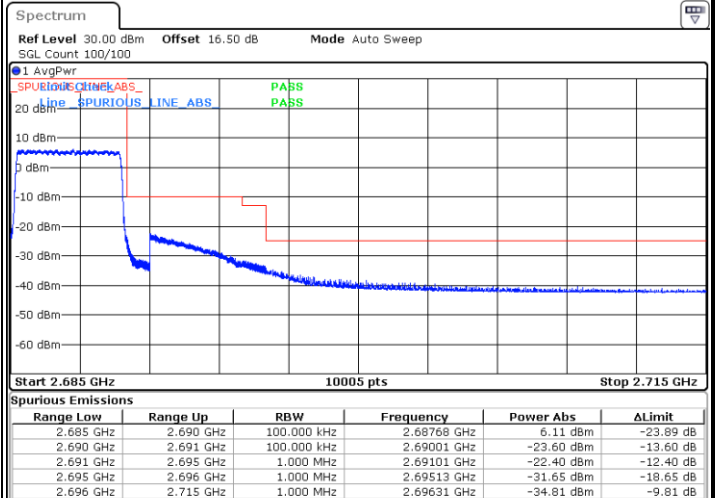
Date: 8.NOV.2024 22:14:11

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:05:44

Highest Band Edge / Full RB

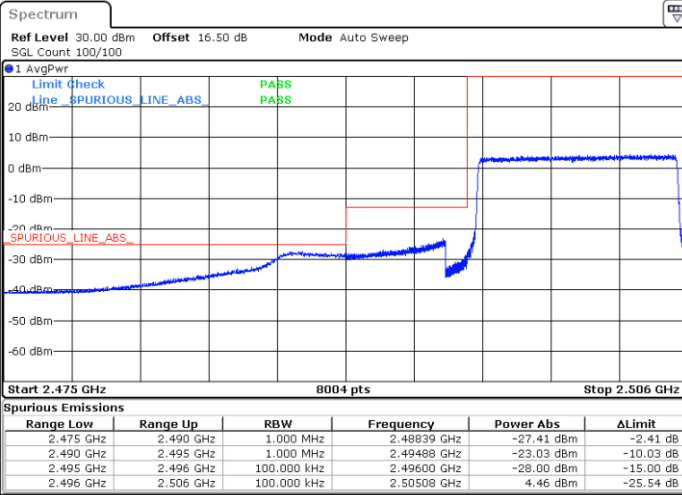


Date: 8.NOV.2024 22:09:57



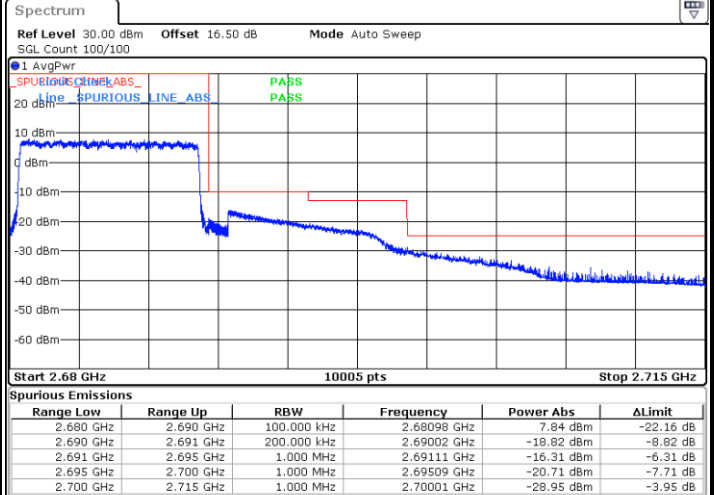
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:15:17

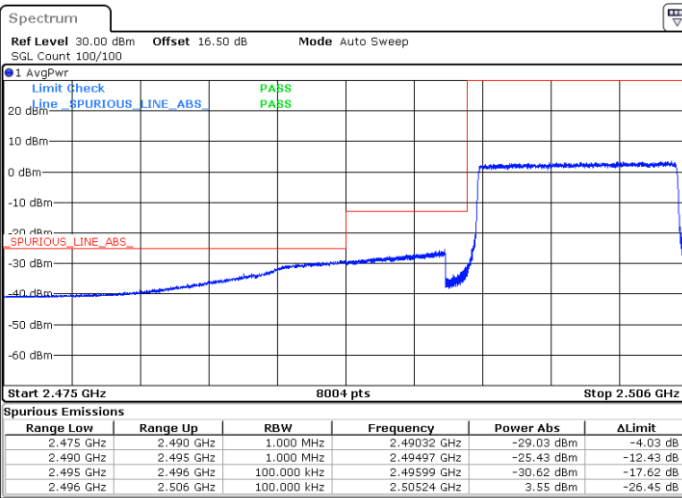
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:19:31

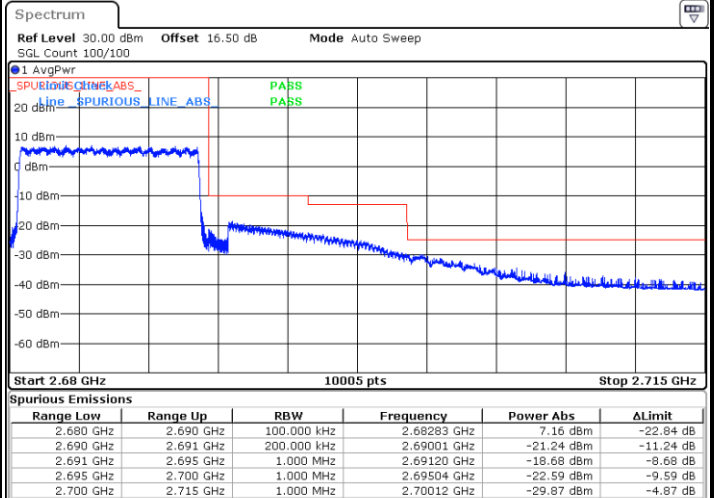
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:16:20

Highest Band Edge / Full RB

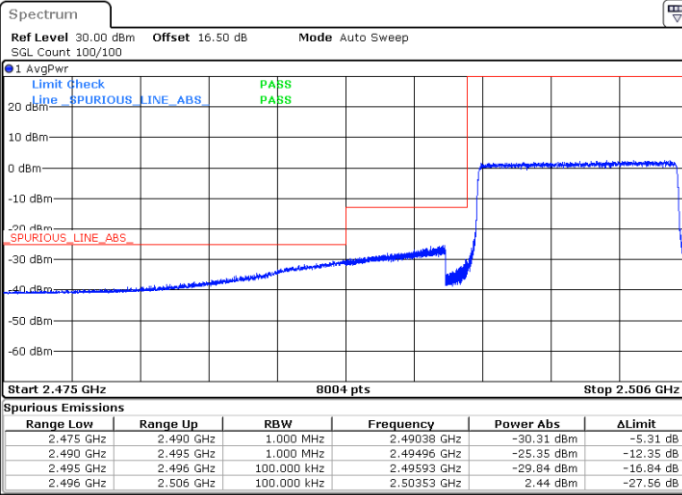


Date: 8.NOV.2024 22:20:34



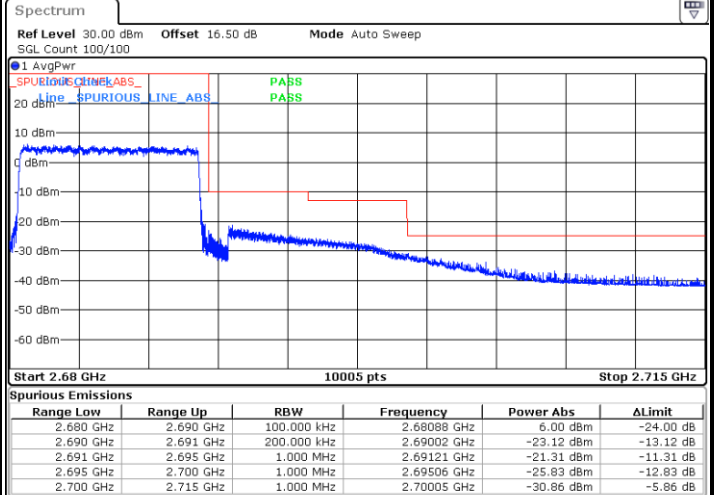
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:17:23

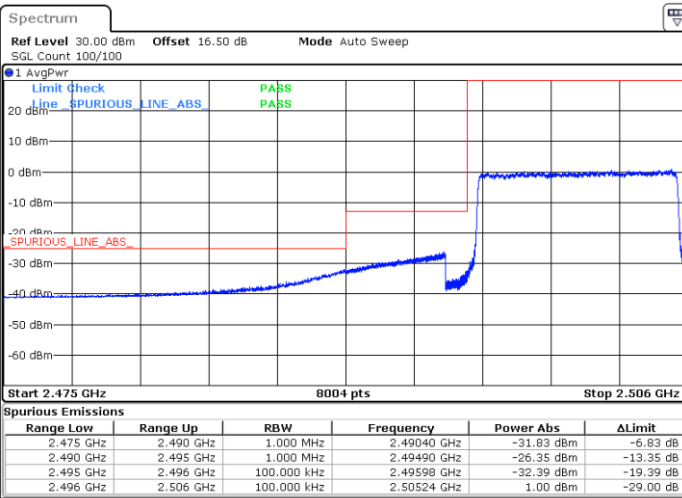
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:21:36

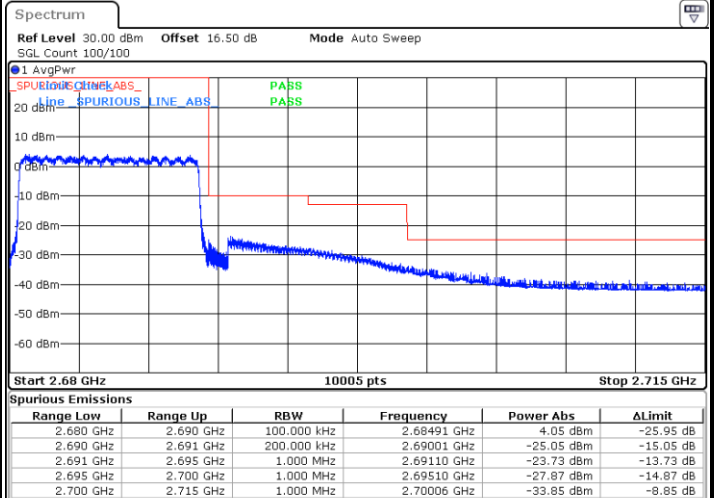
LTE Band 41 / 10MHz / 256QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:18:25

Highest Band Edge / Full RB

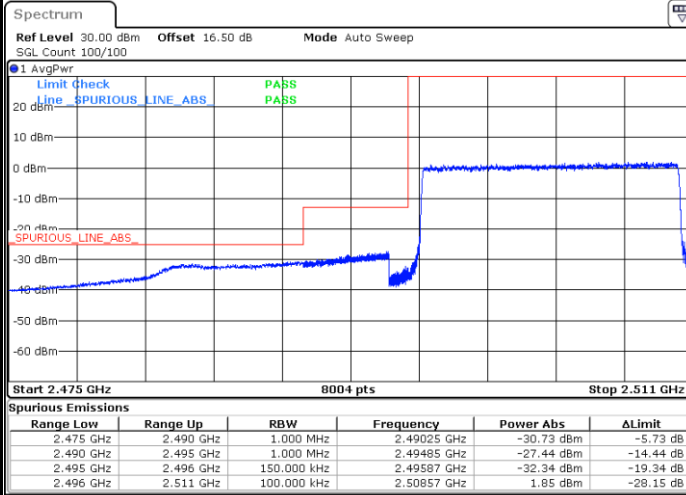


Date: 8.NOV.2024 22:22:39



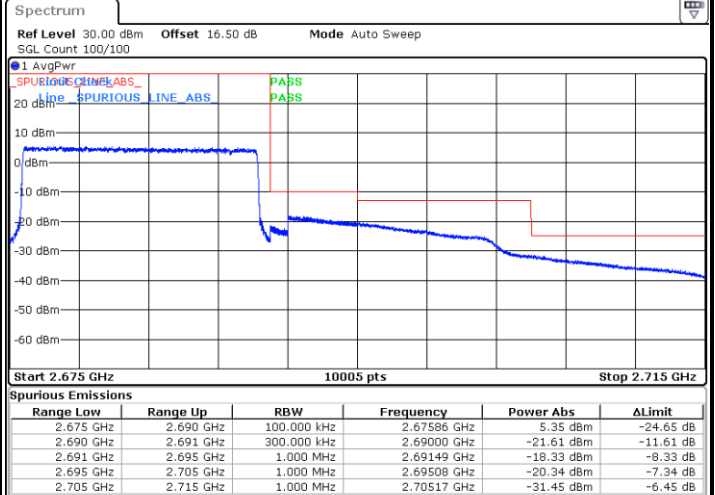
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:25:40

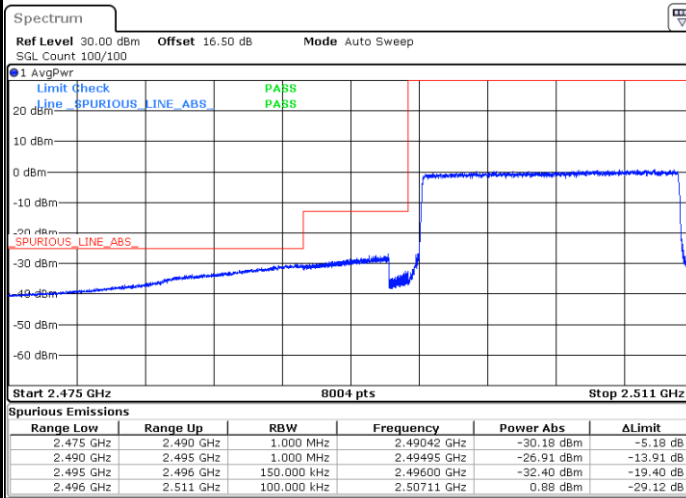
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:29:54

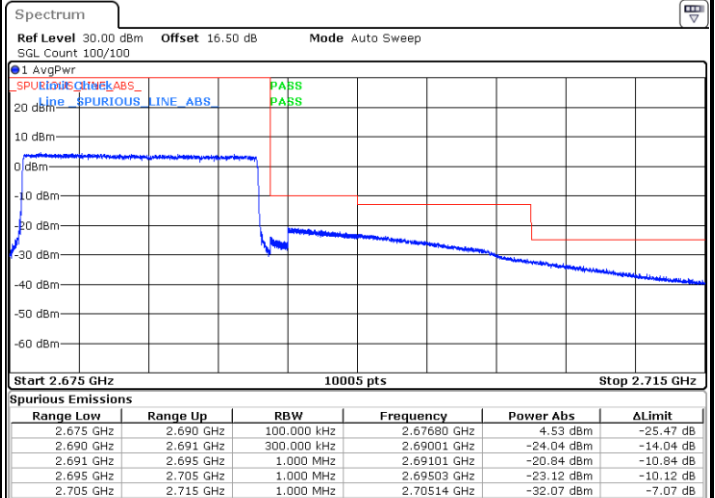
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:26:43

Highest Band Edge / Full RB

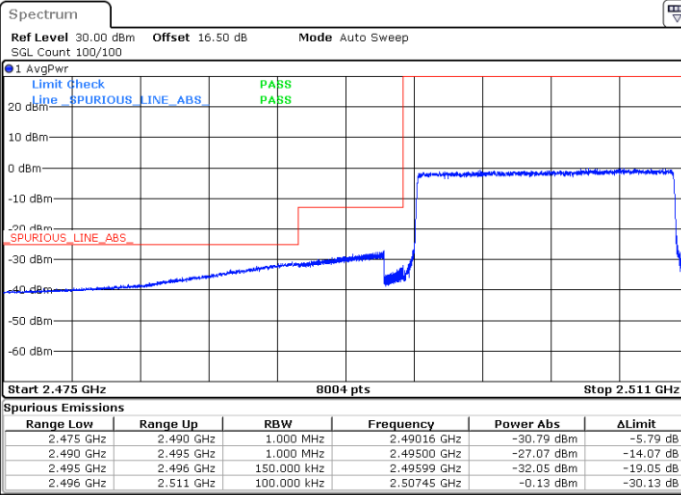


Date: 8.NOV.2024 22:30:57



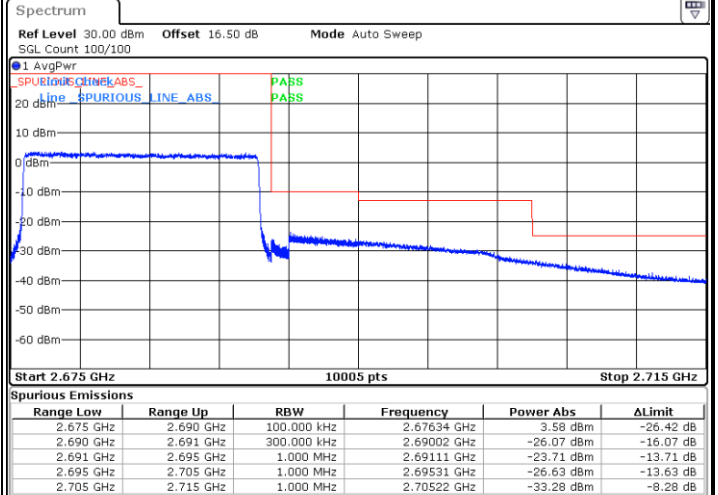
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:27:46

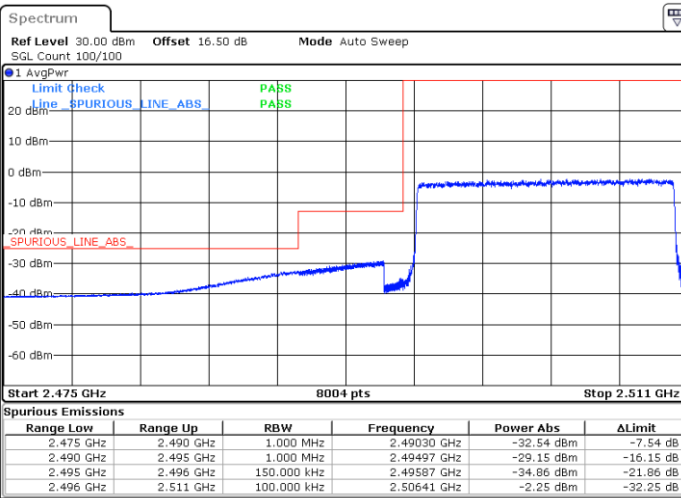
Highest Band Edge / Full RB



Date: 8.NOV.2024 22:32:00

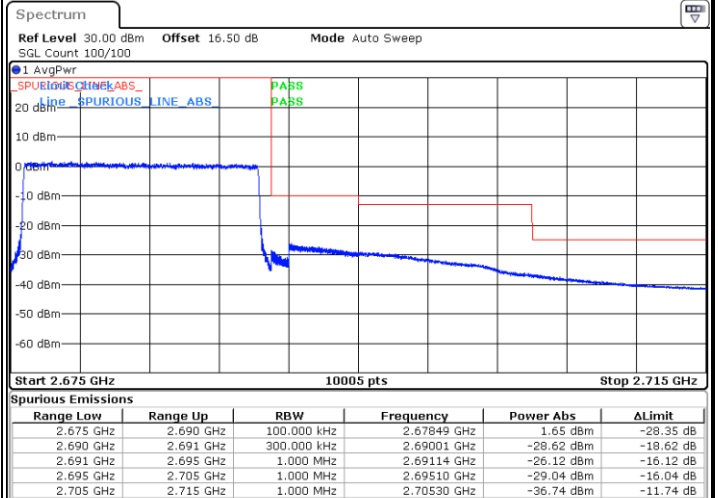
LTE Band 41 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Date: 8.NOV.2024 22:28:49

Highest Band Edge / Full RB



Date: 8.NOV.2024 22:33:02