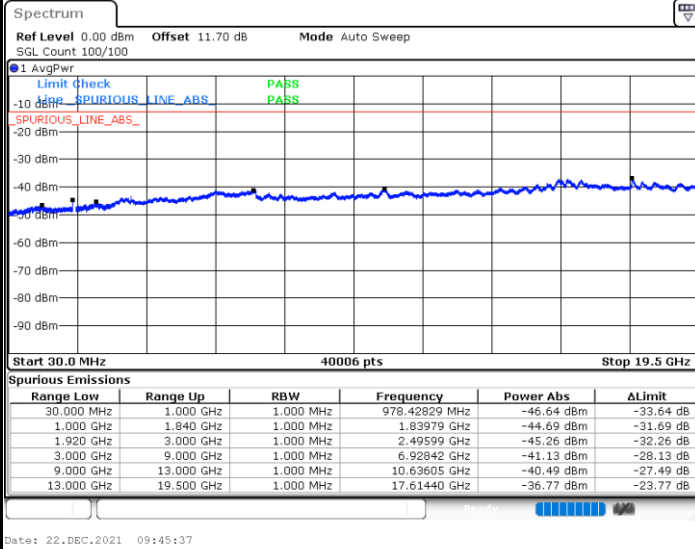


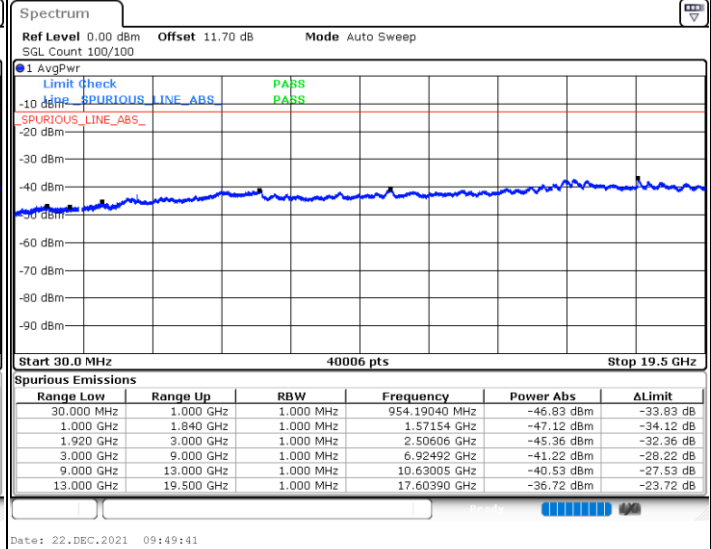


LTE Band 25 / 20MHz

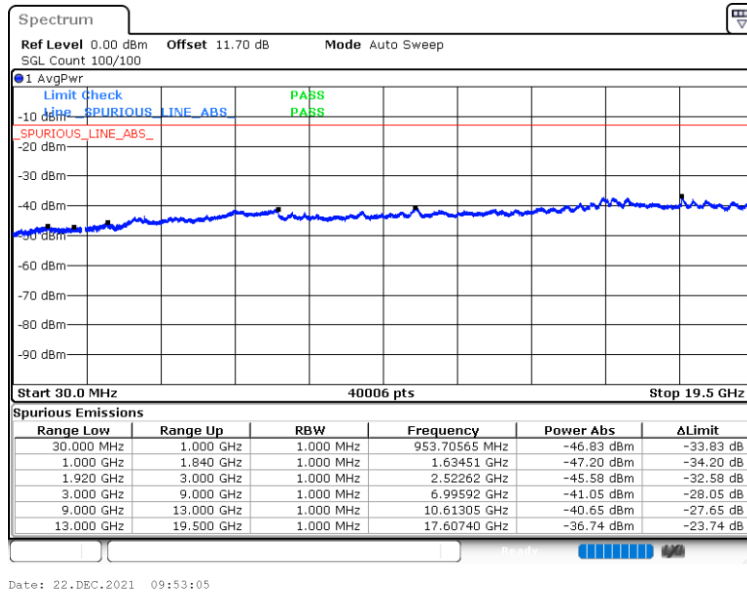
Lowest Channel / QPSK



Middle Channel / QPSK



Highest Channel / QPSK





### Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0030	PASS
40	Normal Voltage	0.0014	
30	Normal Voltage	0.0002	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0021	
-10	Normal Voltage	0.0047	
-20	Normal Voltage	0.0015	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0055	

**Note:**

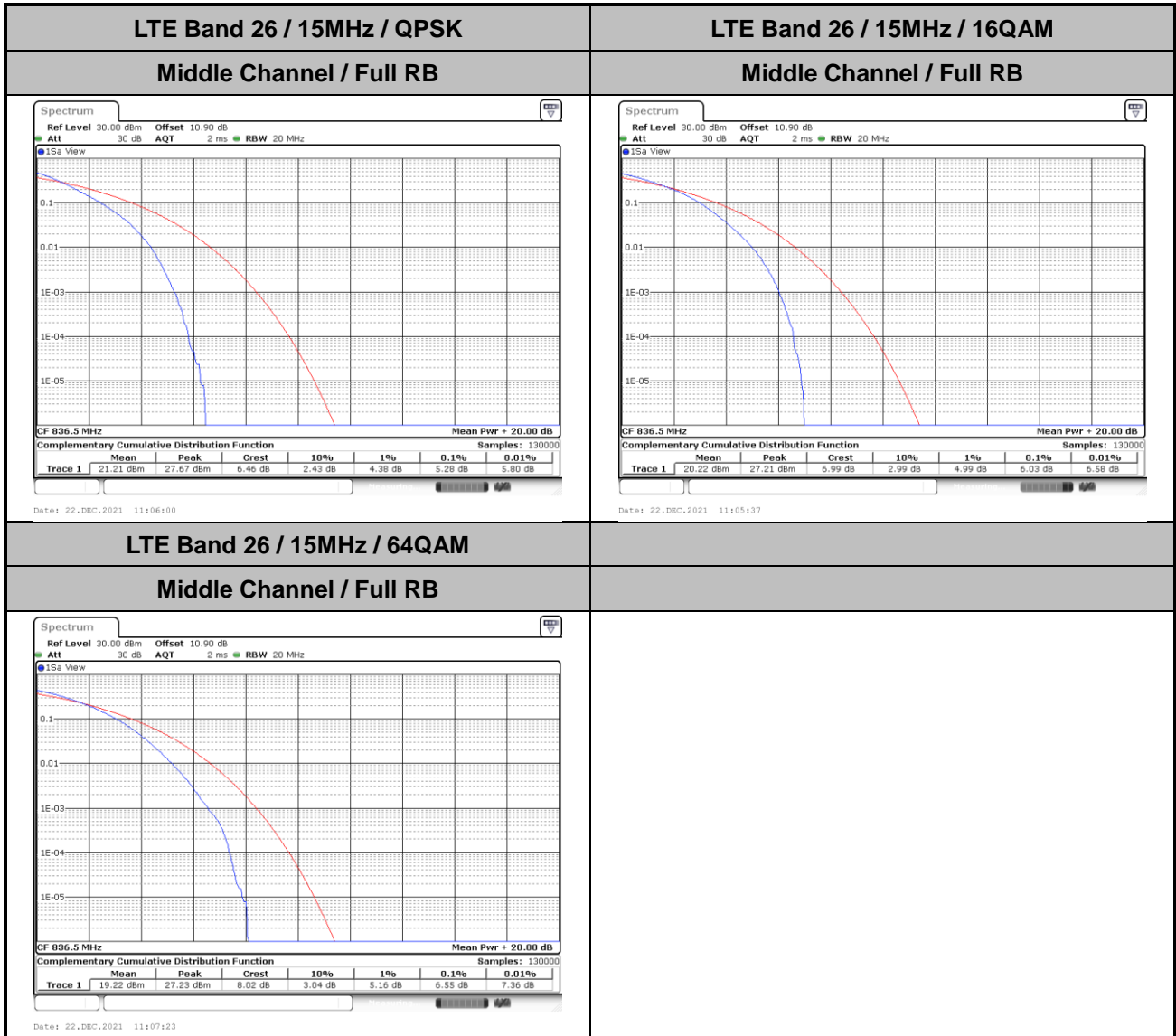
- 1. Normal Voltage =14 V. ; Battery End Point (BEP) =12 V. ; Maximum Voltage =16 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26

### Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.28	6.03	6.55	<b>PASS</b>





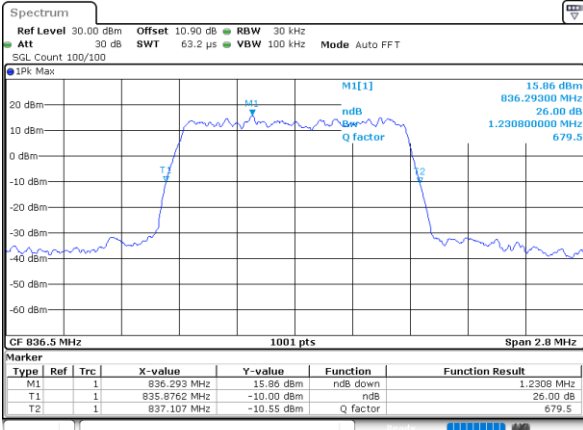
**26dB Bandwidth**

Mode	LTE Band 26 : 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	1.23	1.24	2.99	2.99	4.83	4.86	9.67	9.85	14.66	14.57	-	-
Mode	LTE Band 26 : 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	1.21	-	3.01	-	4.85	-	9.71	-	14.21	-	-	-



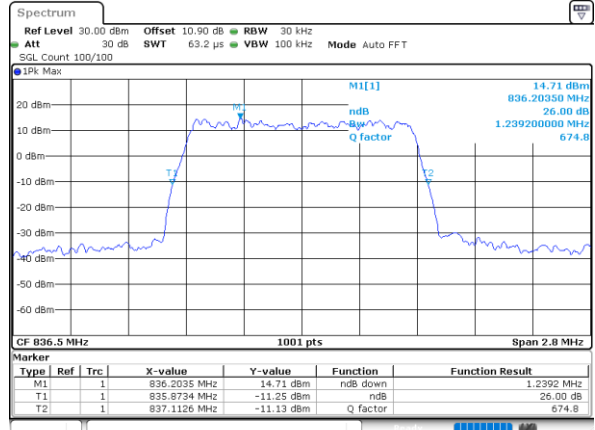
LTE Band 26

Middle Channel / 1.4MHz / QPSK



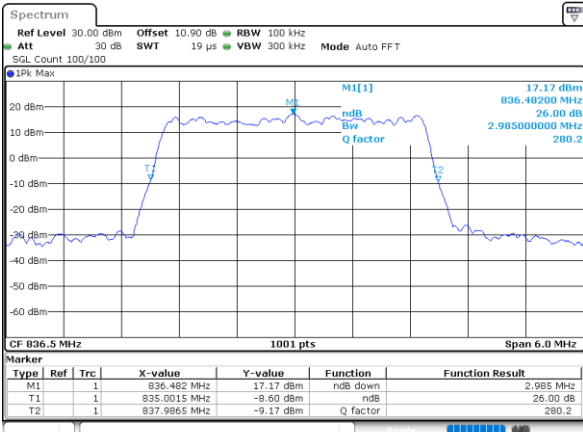
Date: 22, DEC, 2021 10:03:28

Middle Channel / 1.4MHz / 16QAM



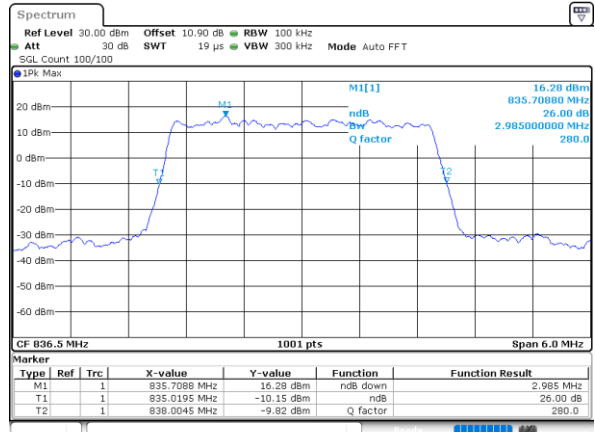
Date: 22, DEC, 2021 10:03:06

Middle Channel / 3MHz / QPSK



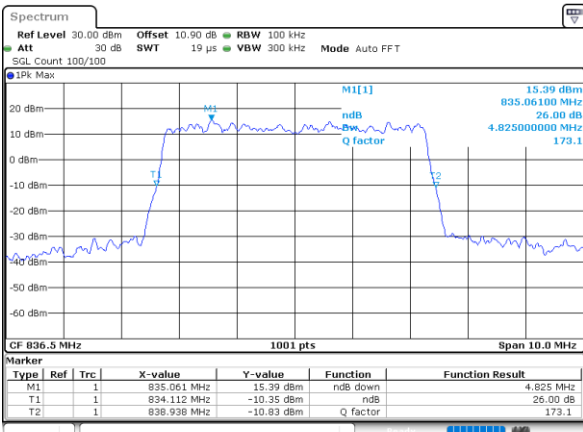
Date: 22, DEC, 2021 10:19:14

Middle Channel / 3MHz / 16QAM



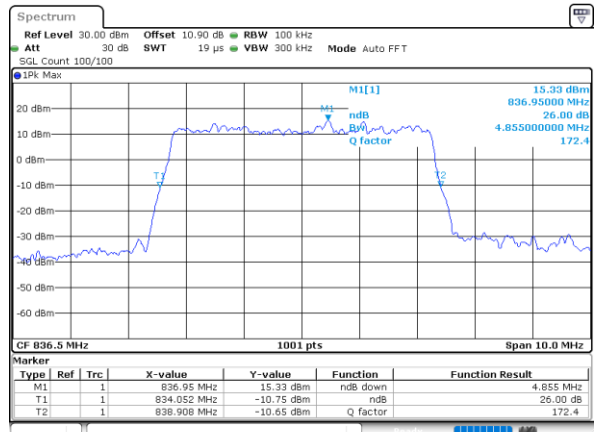
Date: 22, DEC, 2021 10:18:52

Middle Channel / 5MHz / QPSK



Date: 22, DEC, 2021 10:27:59

Middle Channel / 5MHz / 16QAM

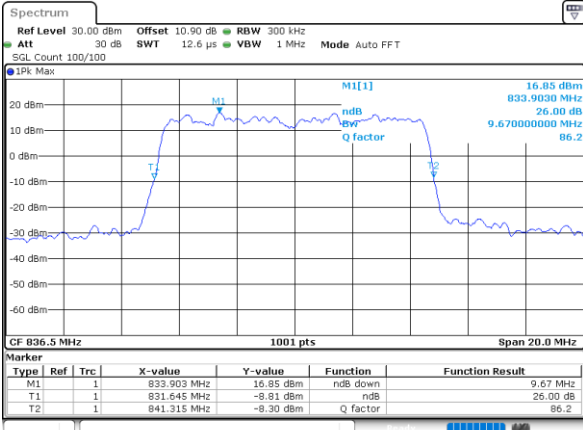


Date: 22, DEC, 2021 10:27:38

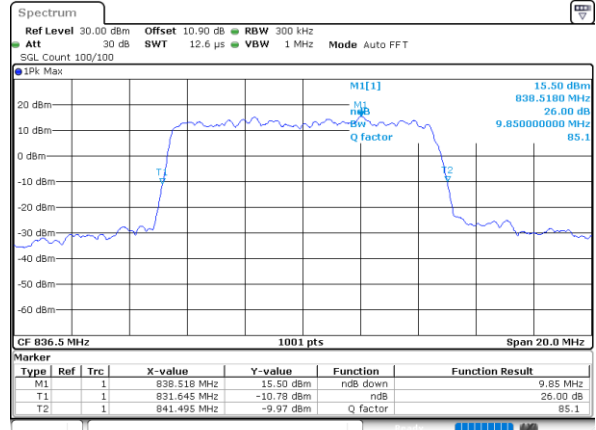


LTE Band 26

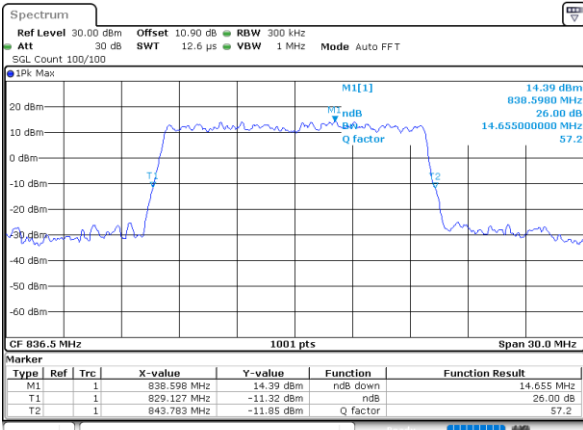
Middle Channel / 10MHz / QPSK



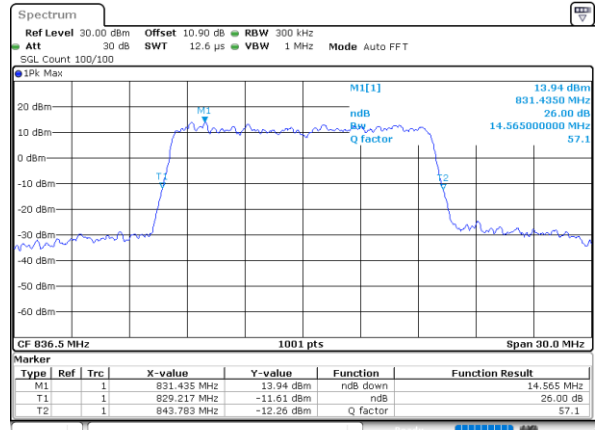
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



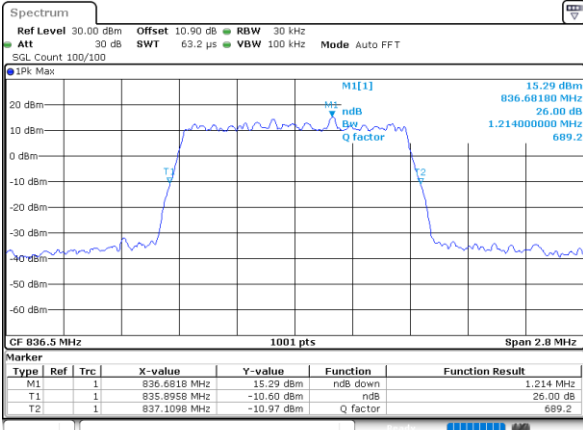
N/A

N/A



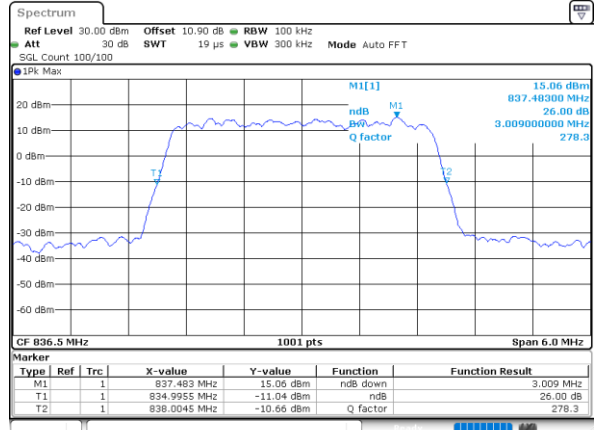
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



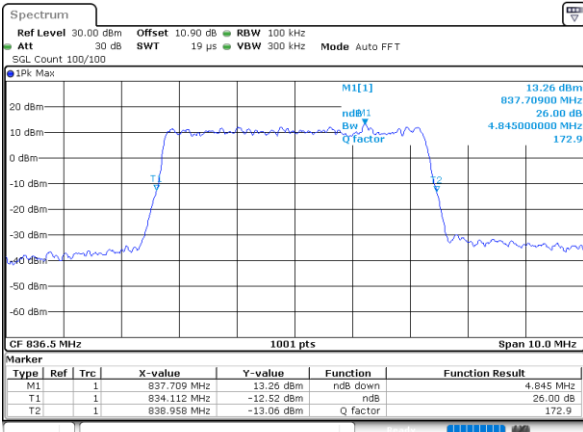
Date: 22.DEC.2021 10:09:35

Middle Channel / 3MHz / 64QAM



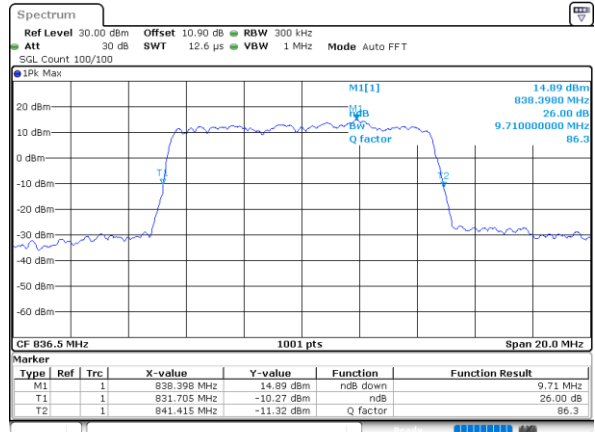
Date: 22.DEC.2021 10:13:05

Middle Channel / 5MHz / 64QAM



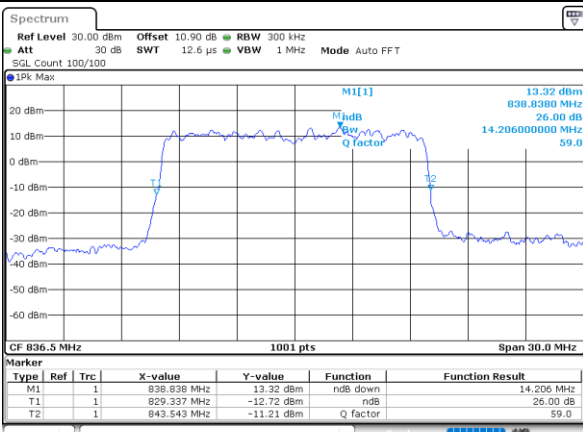
Date: 22.DEC.2021 10:14:07

Middle Channel / 10MHz / 64QAM



Date: 22.DEC.2021 10:15:08

Middle Channel / 15MHz / 64QAM



Date: 22.DEC.2021 10:15:37

N/A





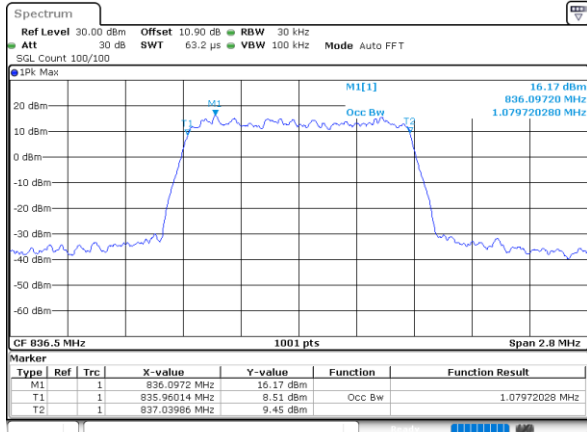
Occupied Bandwidth

Mode	LTE Band 26 : 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	1.08	1.09	2.71	2.72	4.49	4.50	9.09	8.99	13.49	13.55	-	-
Mode	LTE Band 26 : 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	1.09	-	2.72	-	4.48	-	9.01	-	13.49	-	-	-



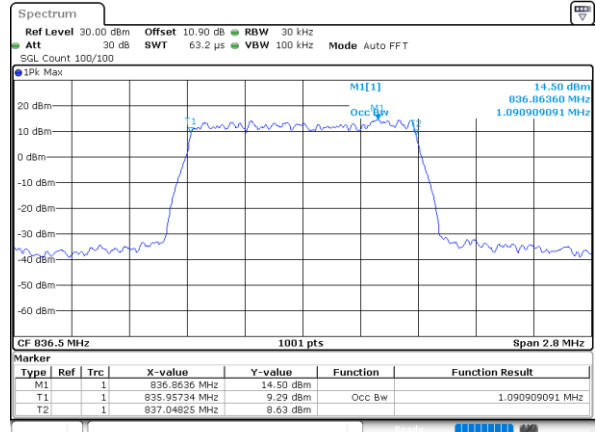
LTE Band 26

Middle Channel / 1.4MHz / QPSK



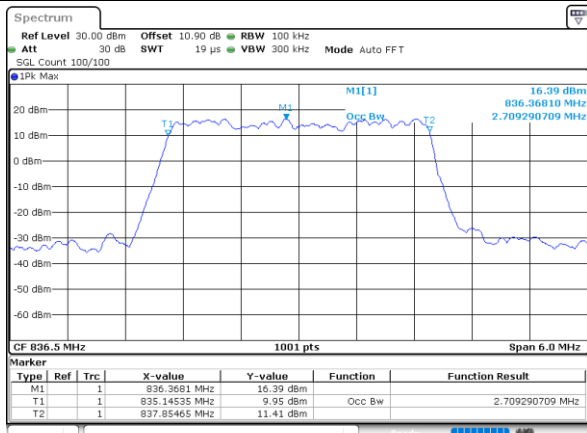
Date: 22.DEC.2021 10:02:23

Middle Channel / 1.4MHz / 16QAM



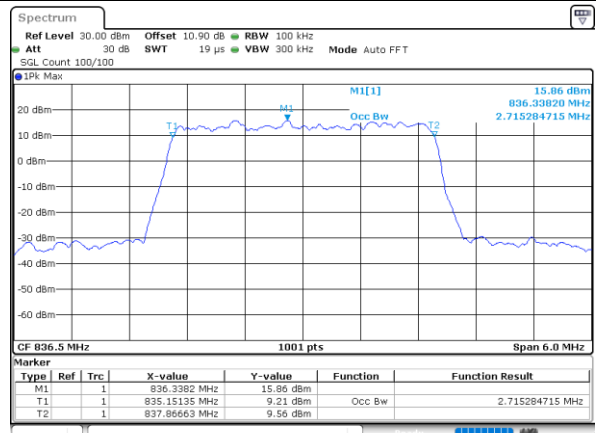
Date: 22.DEC.2021 10:02:45

Middle Channel / 3MHz / QPSK



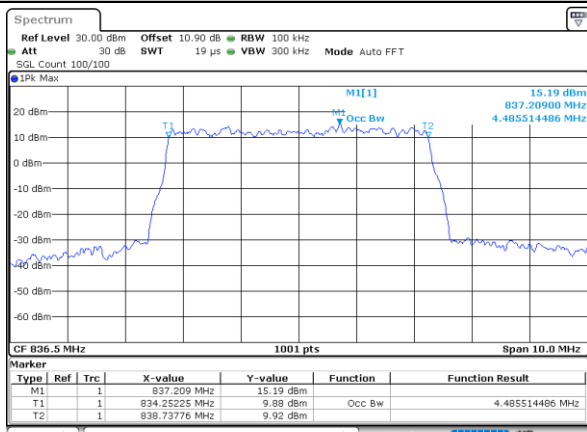
Date: 22.DEC.2021 10:18:10

Middle Channel / 3MHz / 16QAM



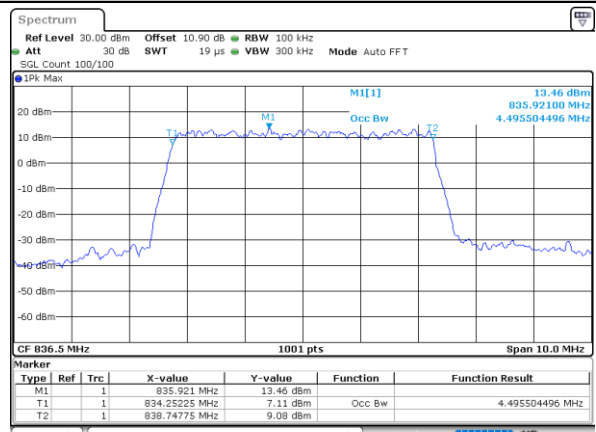
Date: 22.DEC.2021 10:18:31

Middle Channel / 5MHz / QPSK



Date: 22.DEC.2021 10:26:55

Middle Channel / 5MHz / 16QAM

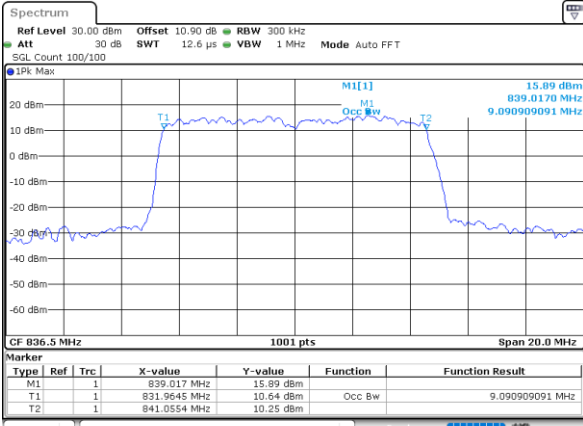


Date: 22.DEC.2021 10:27:16

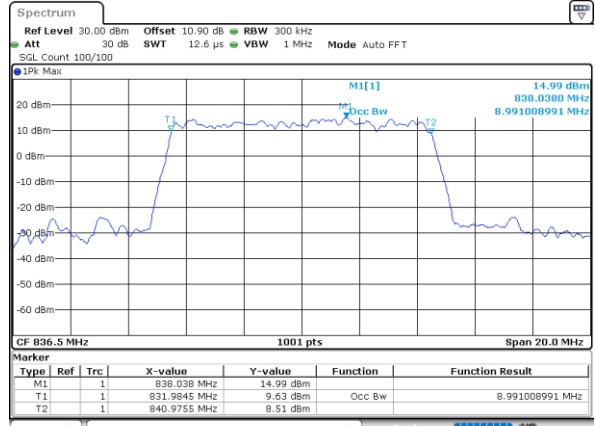


LTE Band 26

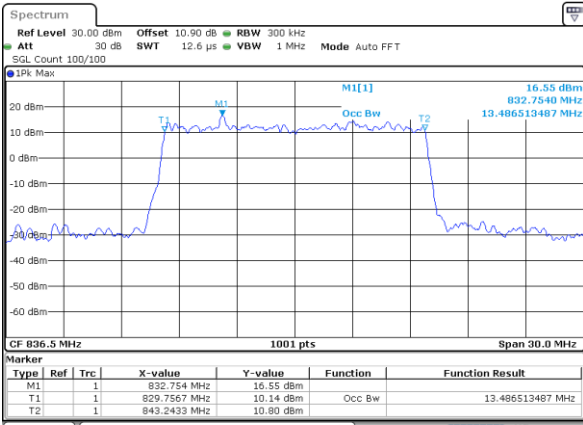
Middle Channel / 10MHz / QPSK



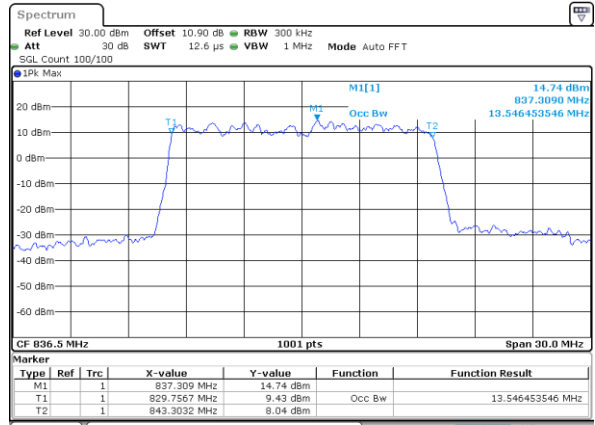
Middle Channel / 10MHz / 16QAM



Middle Channel / 15MHz / QPSK



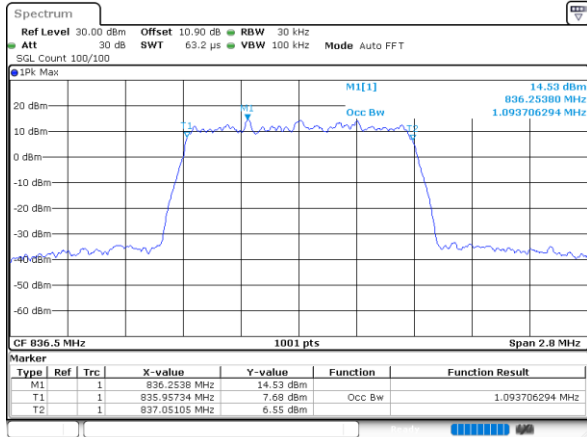
Middle Channel / 15MHz / 16QAM





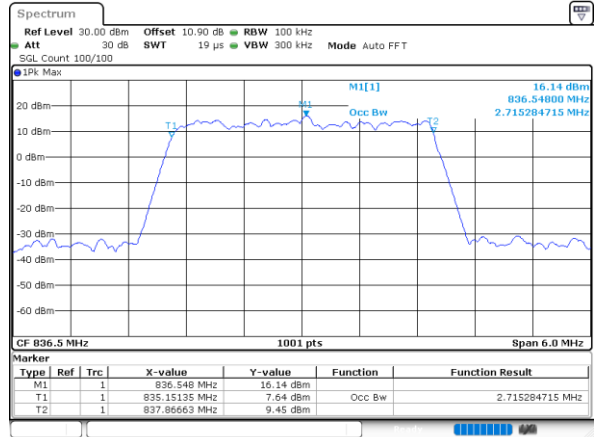
LTE Band 26

Middle Channel / 1.4MHz / 64QAM



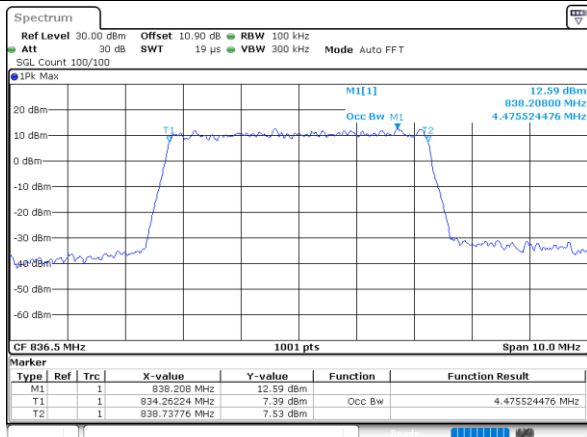
Date: 22.DEC.2021 10:09:14

Middle Channel / 3MHz / 64QAM



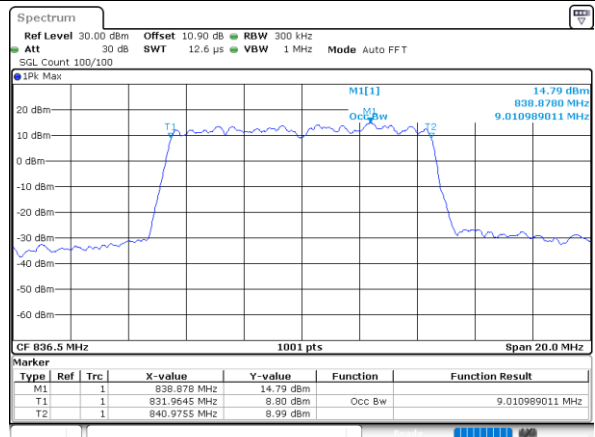
Date: 22.DEC.2021 10:12:44

Middle Channel / 5MHz / 64QAM



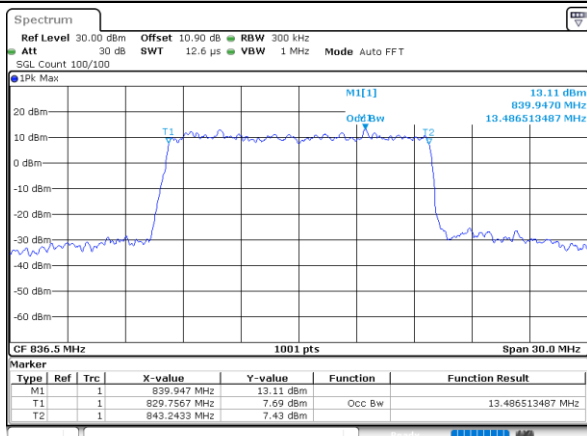
Date: 22.DEC.2021 10:33:45

Middle Channel / 10MHz / 64QAM



Date: 22.DEC.2021 10:49:47

Middle Channel / 15MHz / 64QAM



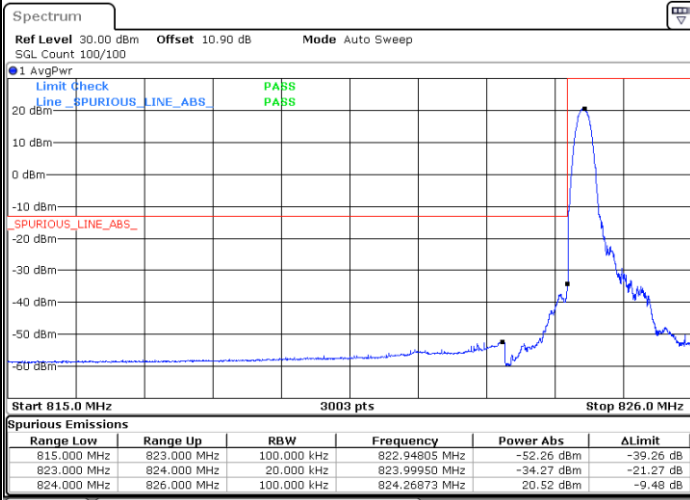
Date: 22.DEC.2021 10:53:16



# Conducted Band Edge

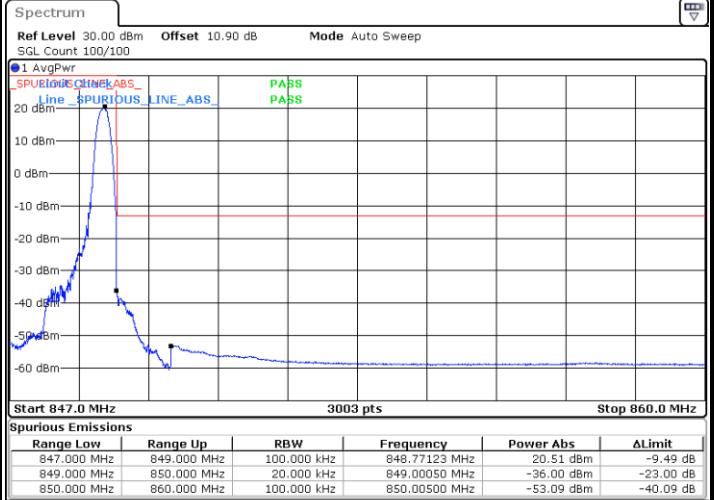
## LTE Band 26 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



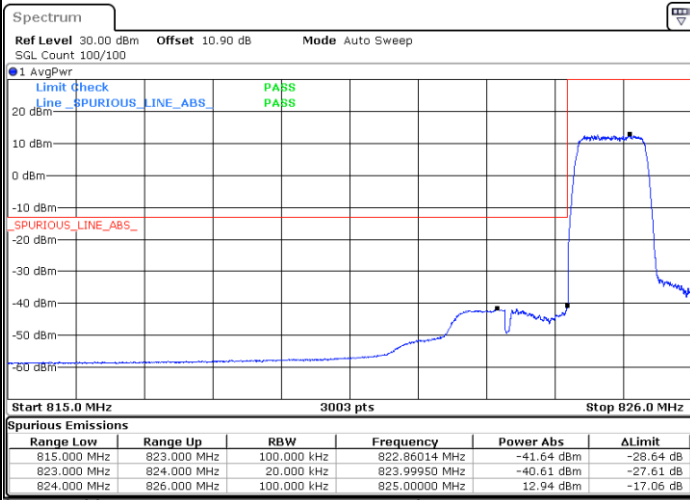
Date: 22.DEC.2021 10:01:27

### Highest Band Edge / 1RB



Date: 22.DEC.2021 10:04:46

### Lowest Band Edge / Full RB



Date: 22.DEC.2021 09:59:26

### Highest Band Edge / Full RB

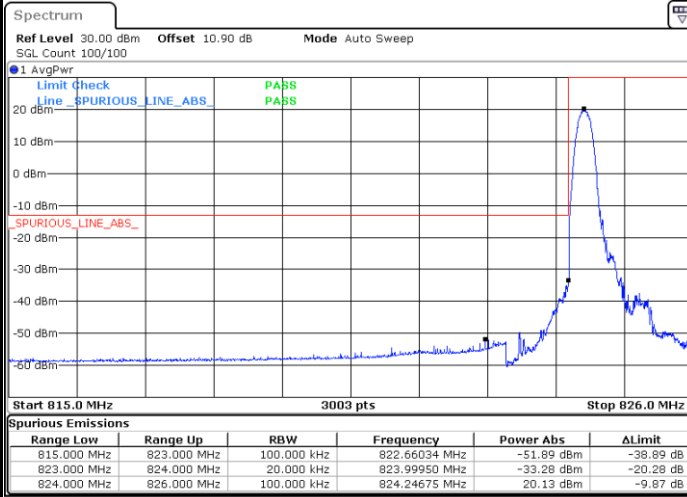


Date: 22.DEC.2021 10:06:56



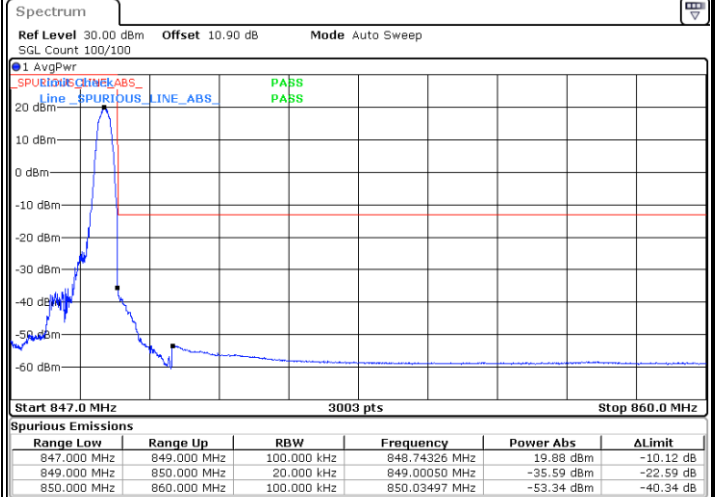
LTE Band 26 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



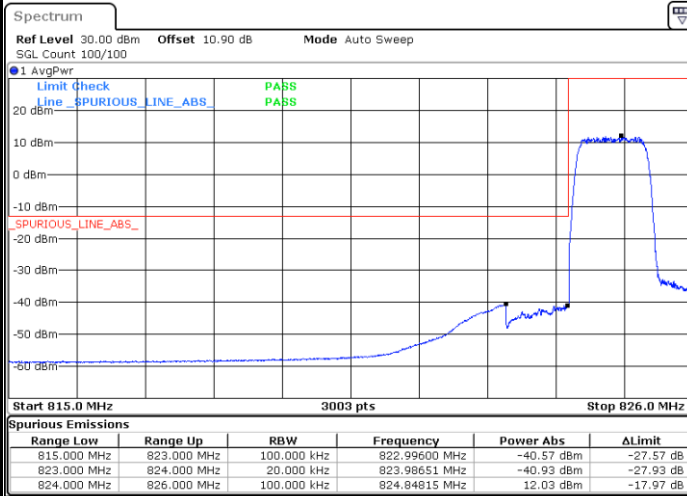
Date: 22.DEC.2021 10:00:46

Highest Band Edge / 1 RB



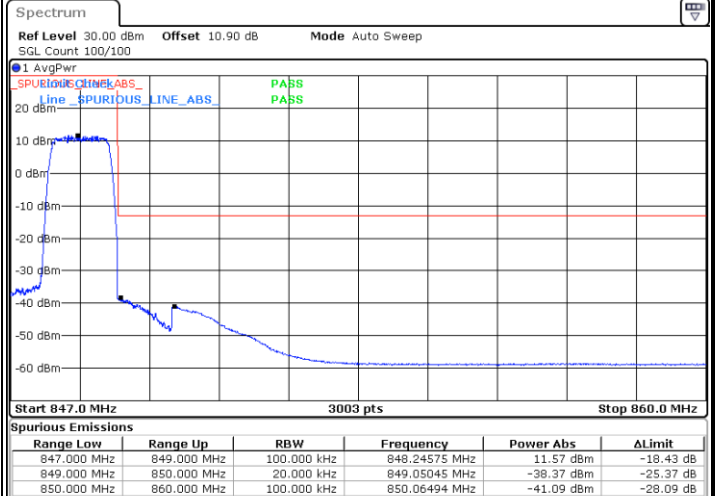
Date: 22.DEC.2021 10:05:29

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:00:06

Highest Band Edge / Full RB



Date: 22.DEC.2021 10:06:13



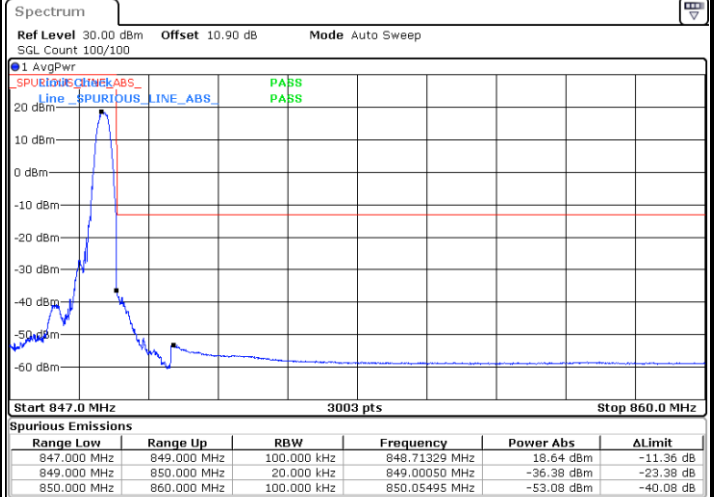
LTE Band 26 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



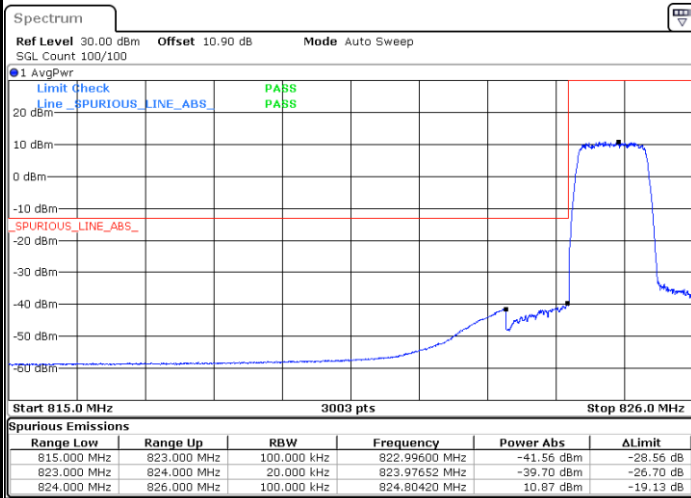
Date: 22.DEC.2021 10:08:52

Highest Band Edge / 1 RB



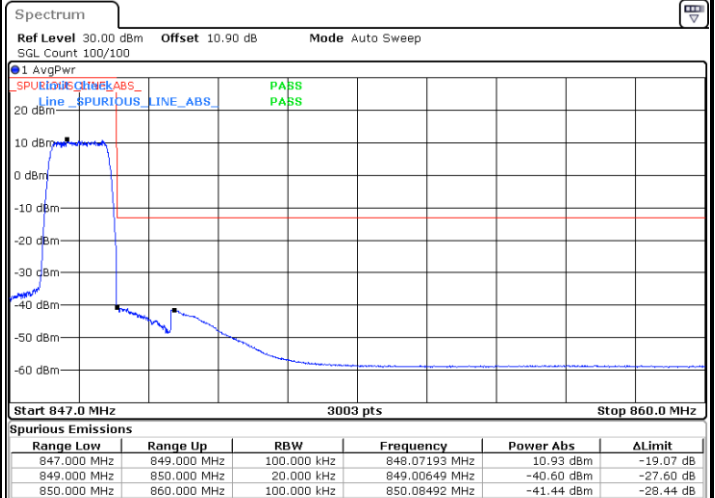
Date: 22.DEC.2021 10:10:18

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:08:12

Highest Band Edge / Full RB



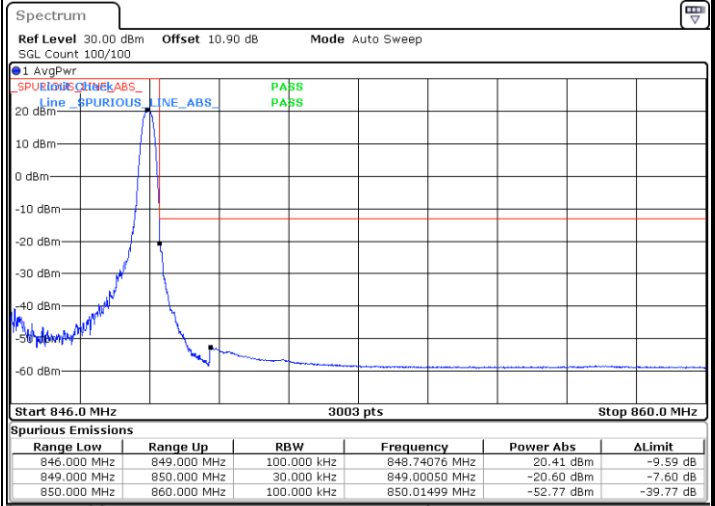
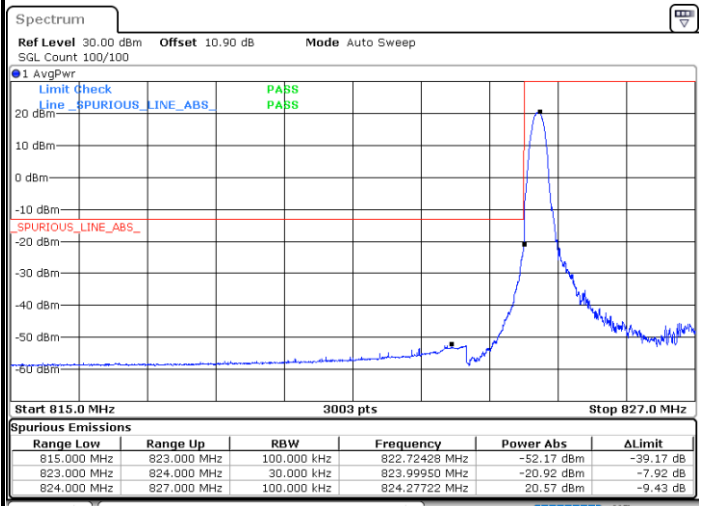
Date: 22.DEC.2021 10:11:01



LTE Band 26 / 3MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1 RB

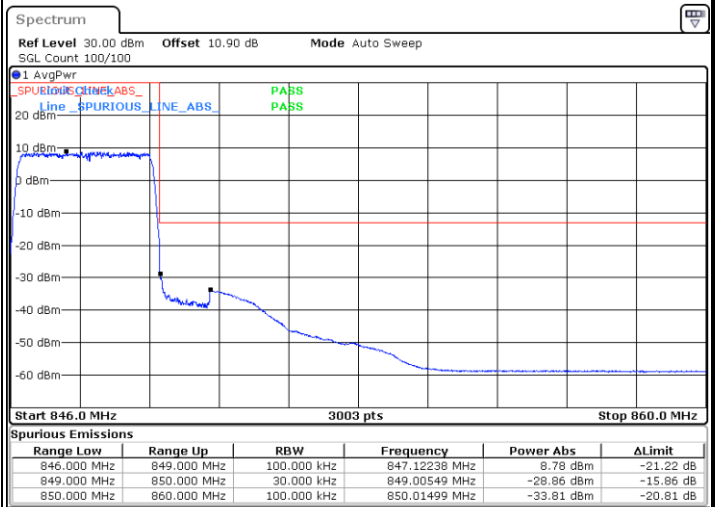
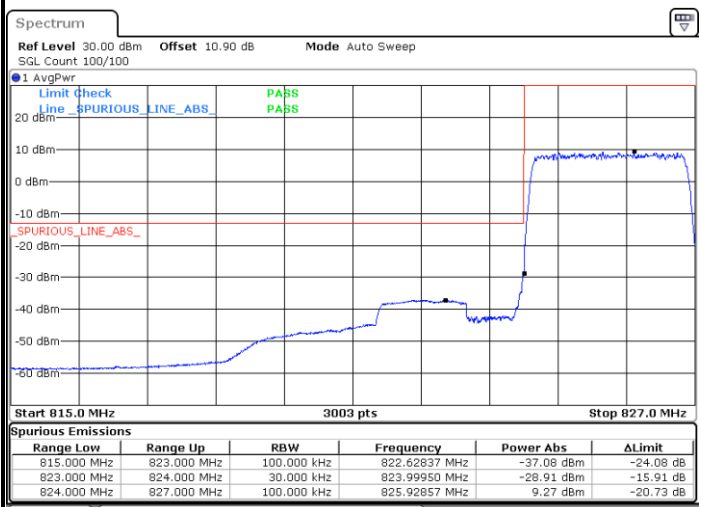


Date: 22.DEC.2021 10:17:13

Date: 22.DEC.2021 10:20:32

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 22.DEC.2021 10:15:12

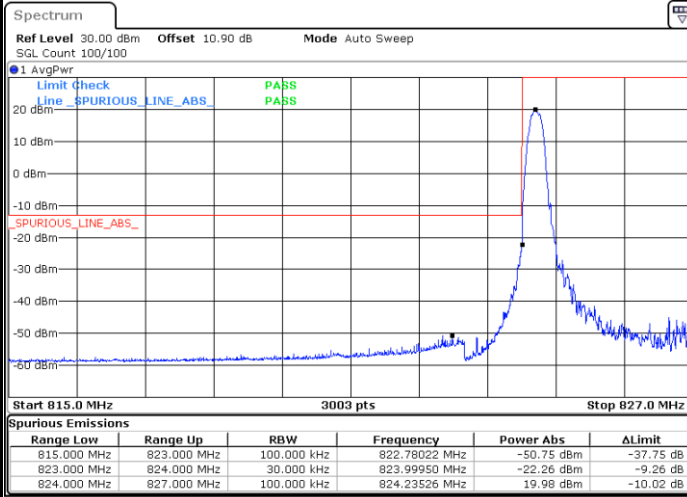
Date: 22.DEC.2021 10:22:41





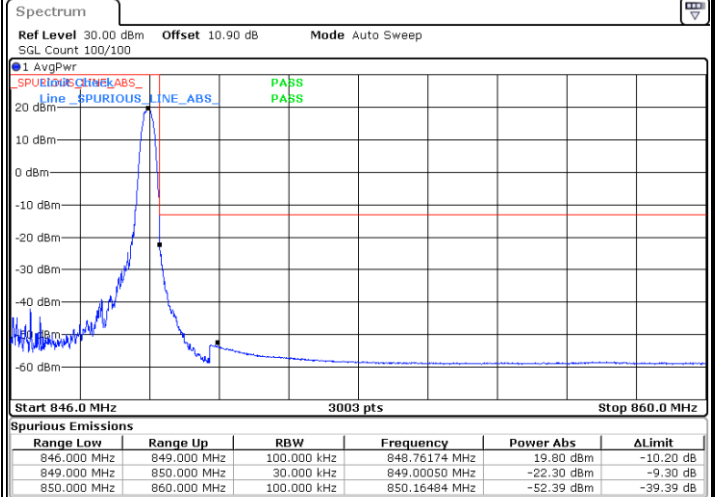
LTE Band 26 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



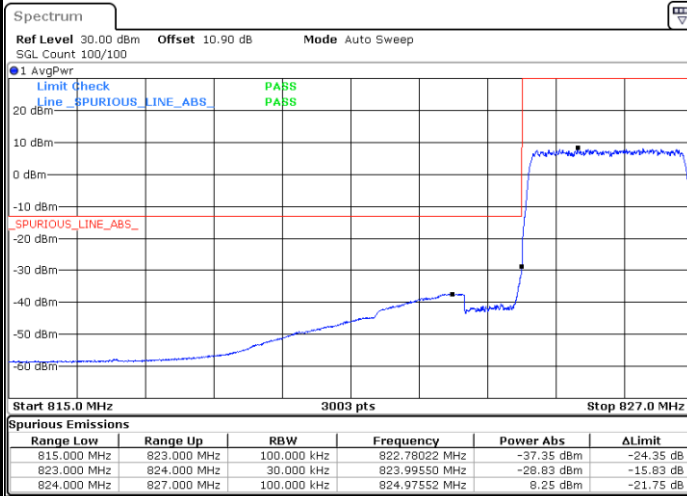
Date: 22.DEC.2021 10:16:32

Highest Band Edge / 1 RB



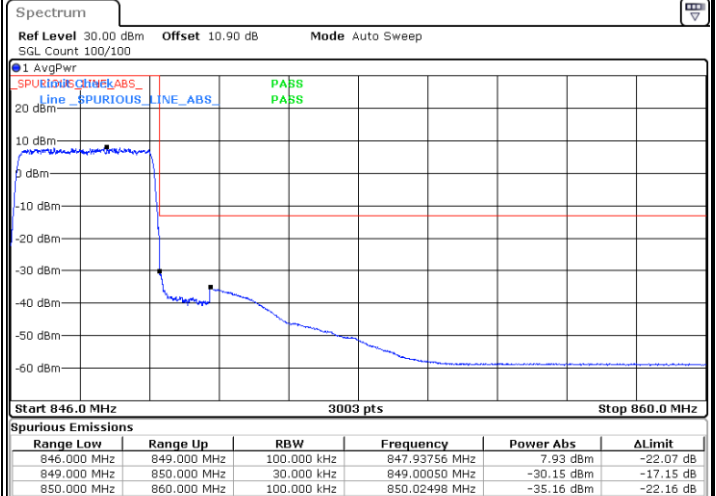
Date: 22.DEC.2021 10:21:15

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:15:52

Highest Band Edge / Full RB

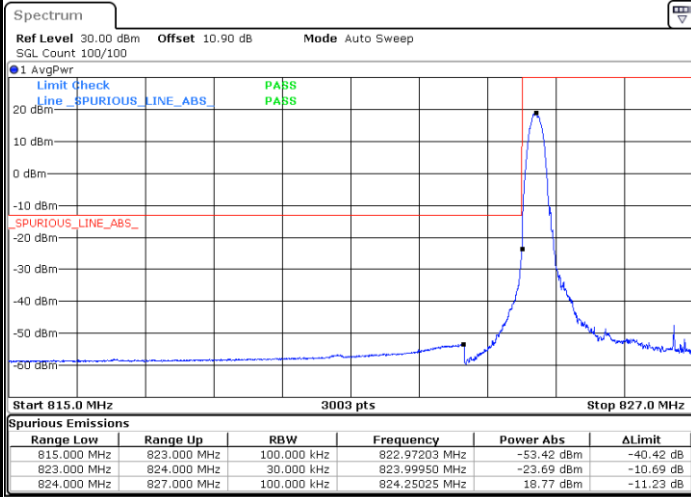


Date: 22.DEC.2021 10:21:58



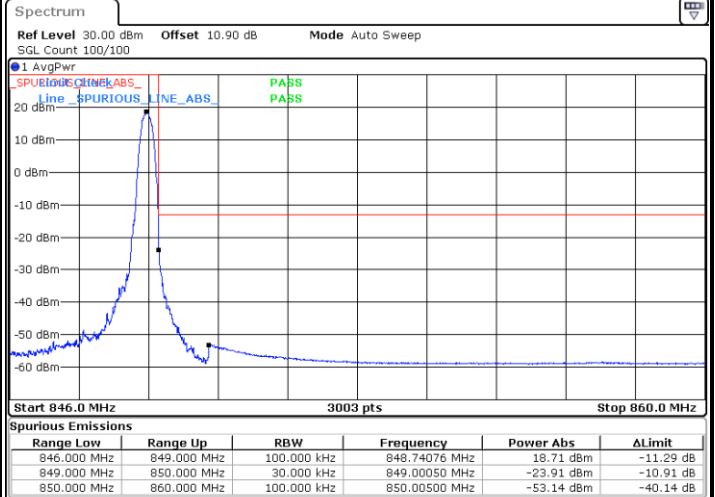
LTE Band 26 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



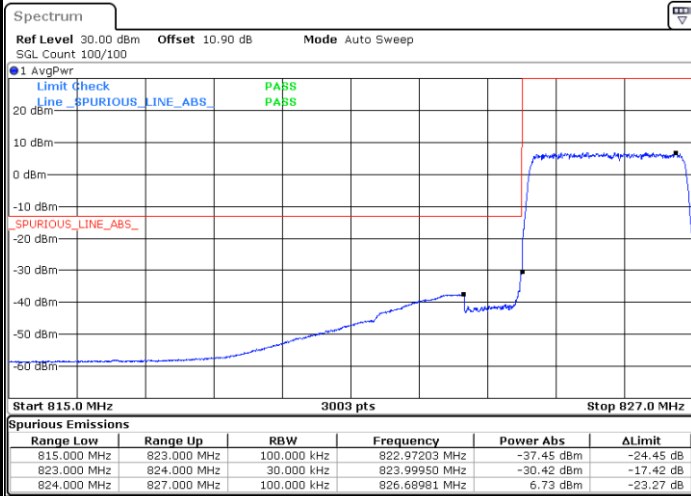
Date: 22.DEC.2021 10:12:22

Highest Band Edge / 1 RB



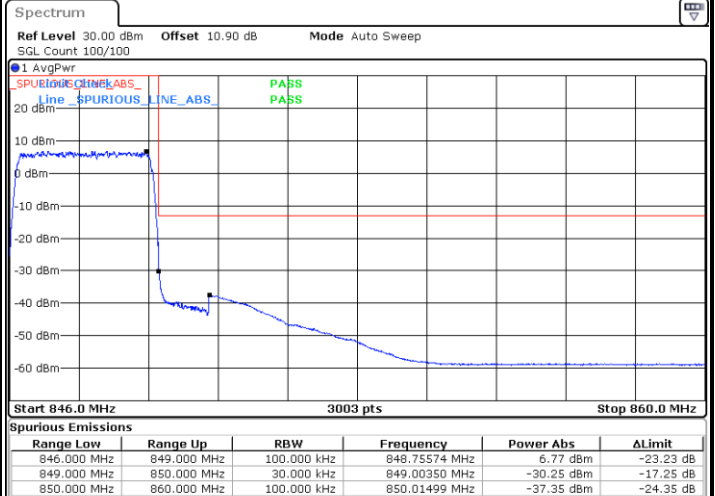
Date: 22.DEC.2021 10:13:48

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:11:42

Highest Band Edge / Full RB

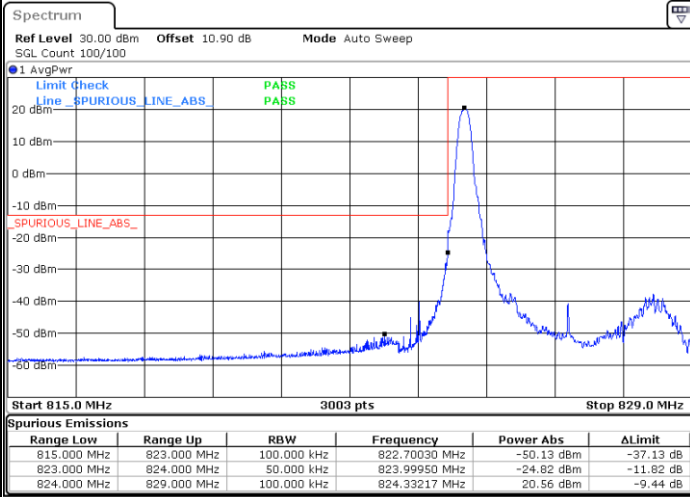


Date: 22.DEC.2021 10:14:31



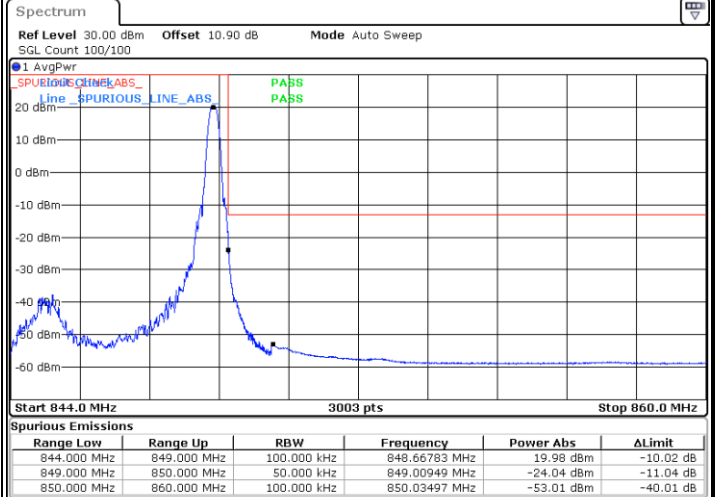
LTE Band 26 / 5MHz / QPSK

Lowest Band Edge / 1 RB



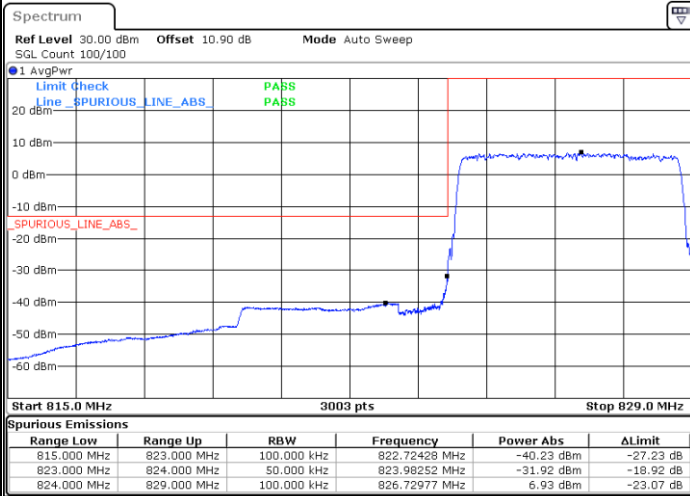
Date: 22.DEC.2021 10:25:58

Highest Band Edge / 1 RB



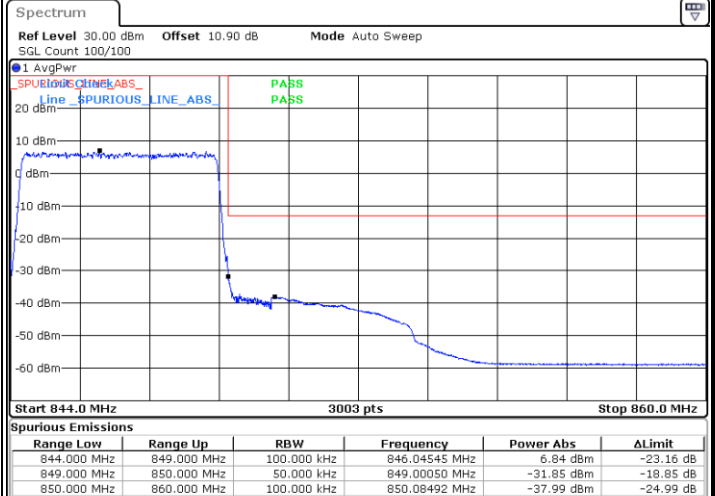
Date: 22.DEC.2021 10:29:18

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:23:57

Highest Band Edge / Full RB

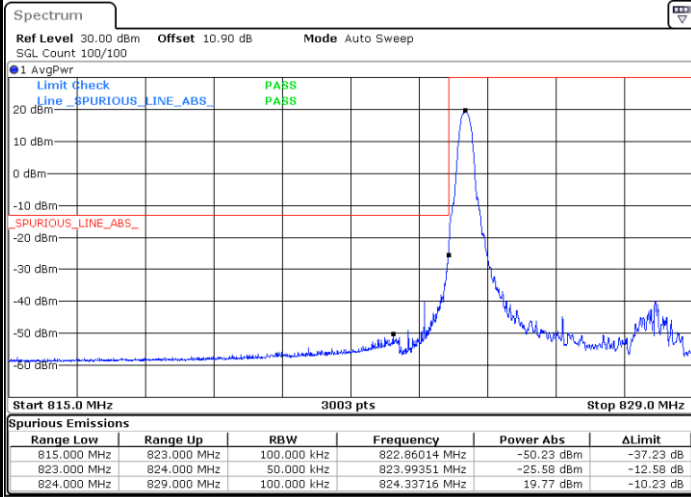


Date: 22.DEC.2021 10:31:27



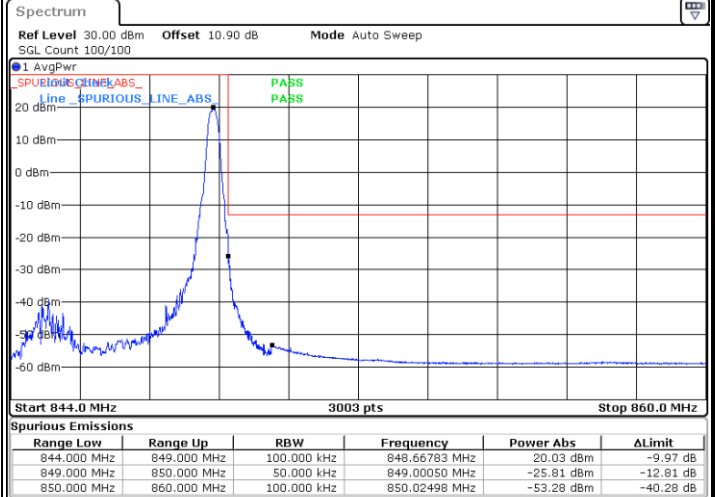
LTE Band 26 / 5MHz / 16QAM

Lowest Band Edge / 1RB



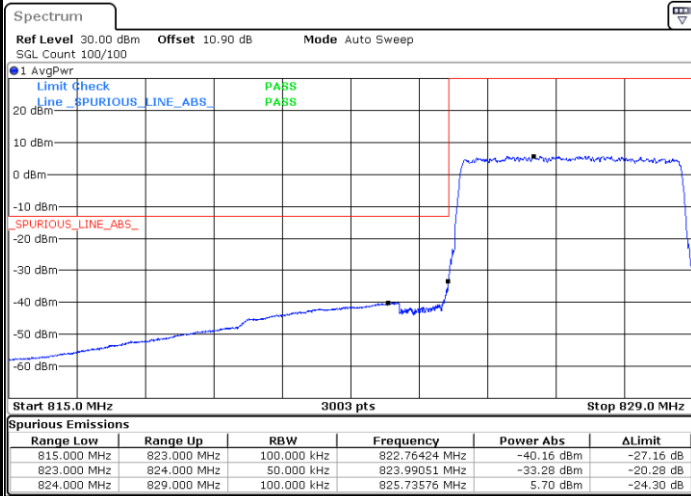
Date: 22.DEC.2021 10:25:18

Highest Band Edge / 1 RB



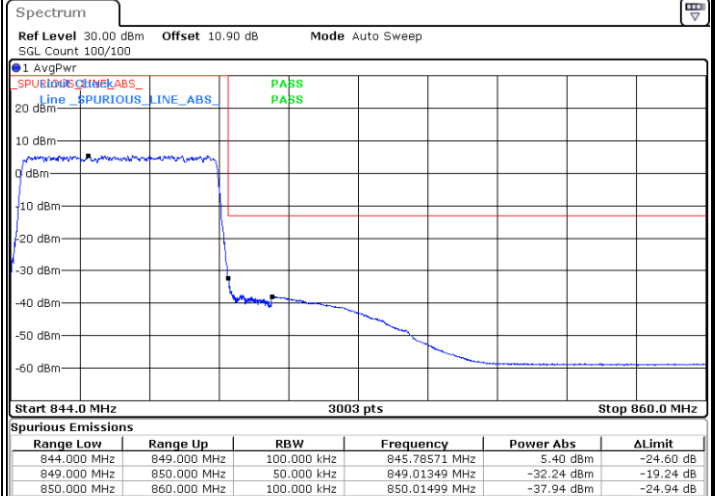
Date: 22.DEC.2021 10:30:01

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:24:38

Highest Band Edge / Full RB

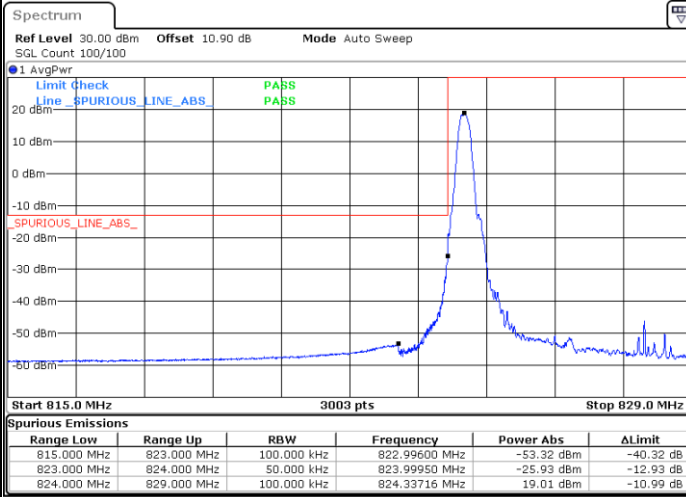


Date: 22.DEC.2021 10:30:44



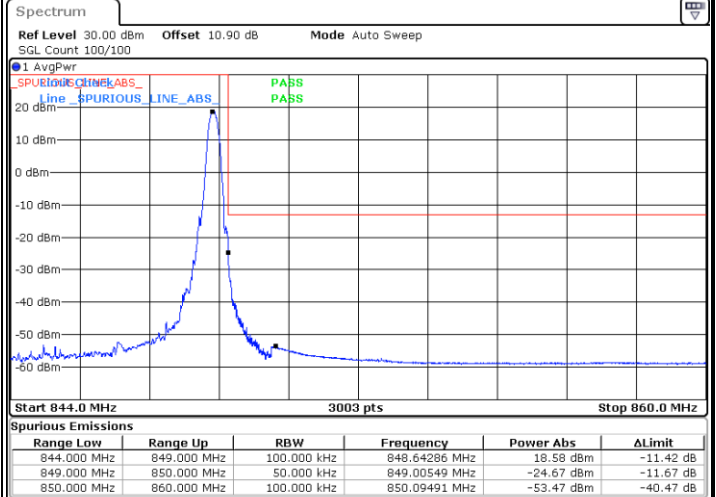
LTE Band 26 / 5MHz / 64QAM

Lowest Band Edge / 1RB



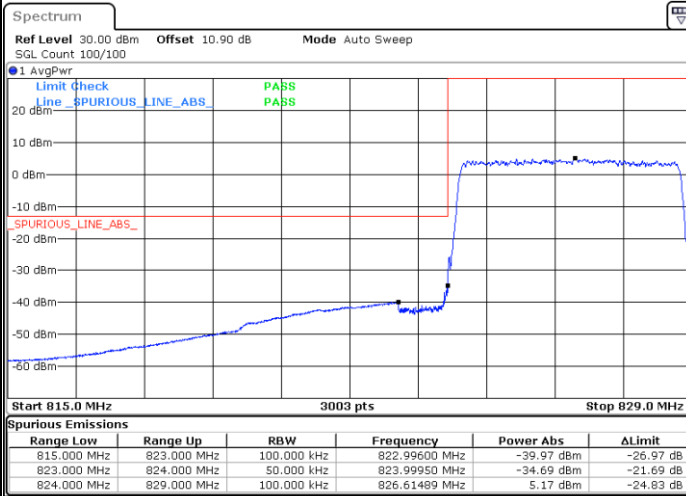
Date: 22.DEC.2021 10:33:24

Highest Band Edge / 1 RB



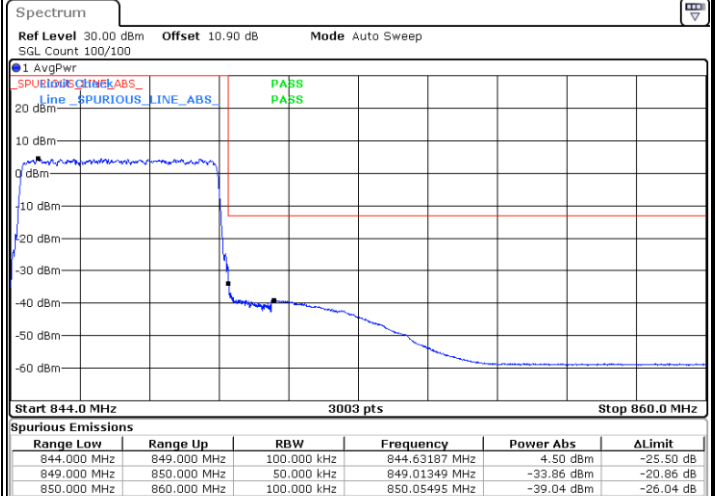
Date: 22.DEC.2021 10:34:50

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:32:44

Highest Band Edge / Full RB

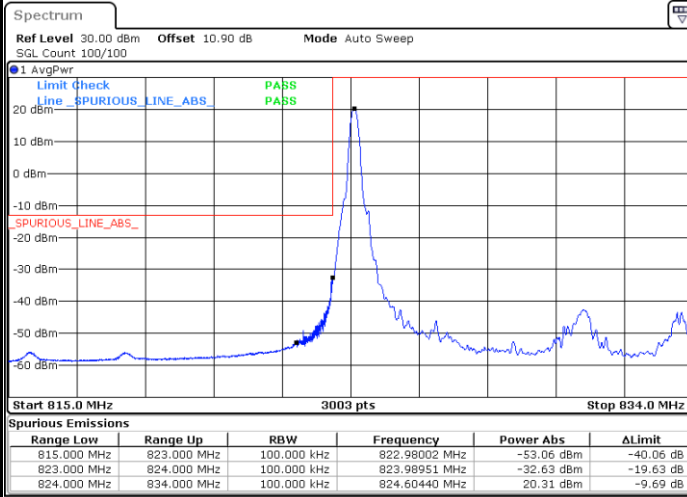


Date: 22.DEC.2021 10:35:33



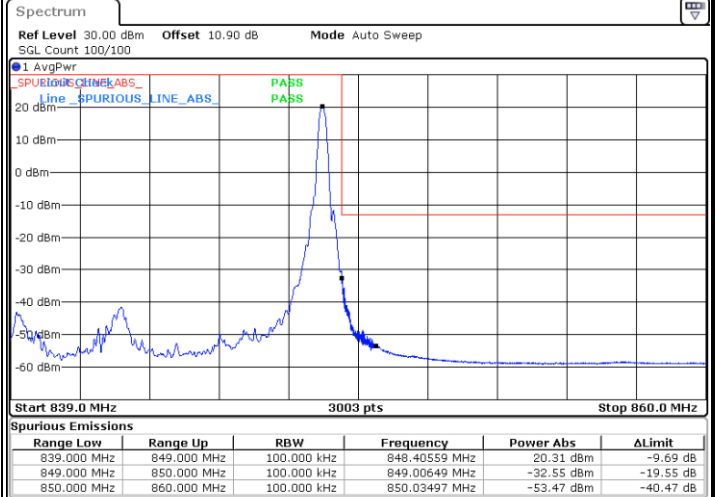
LTE Band 26 / 10MHz / QPSK

Lowest Band Edge / 1 RB



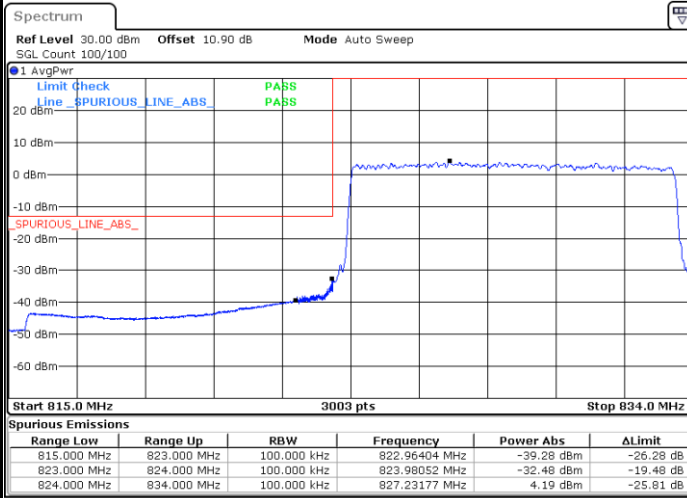
Date: 22.DEC.2021 10:38:15

Highest Band Edge / 1 RB



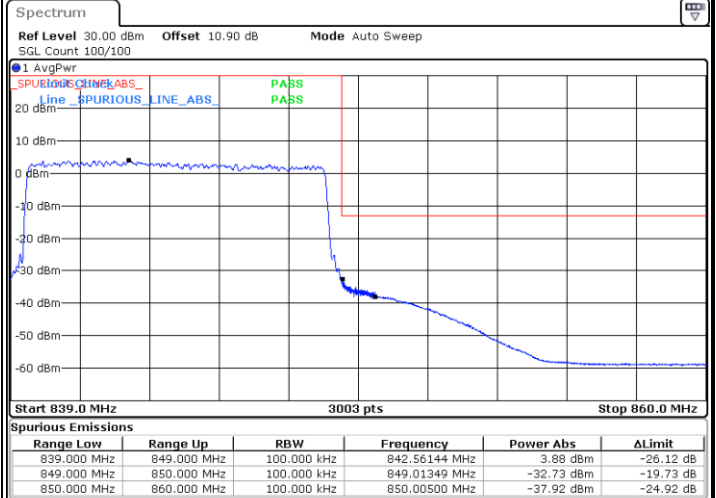
Date: 22.DEC.2021 10:41:35

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:36:14

Highest Band Edge / Full RB

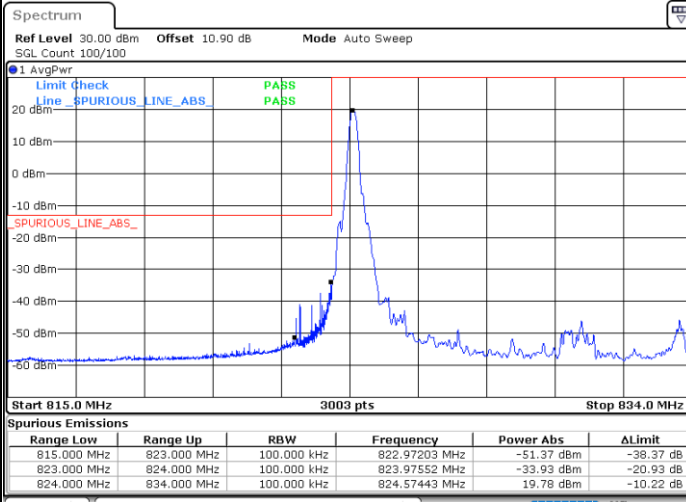


Date: 22.DEC.2021 10:43:44



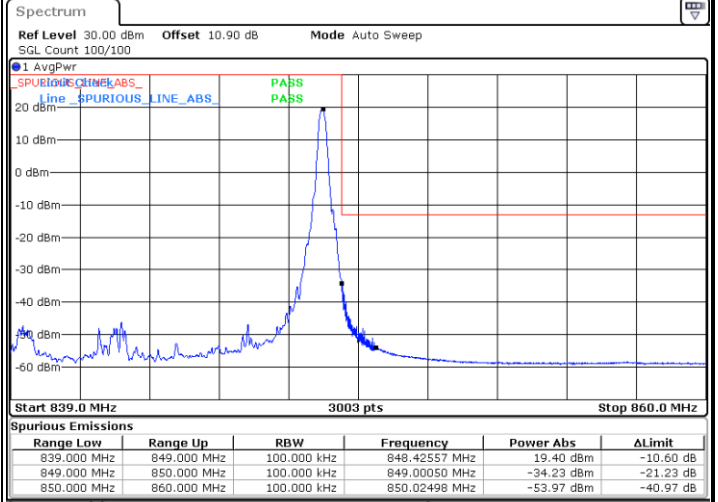
LTE Band 26 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



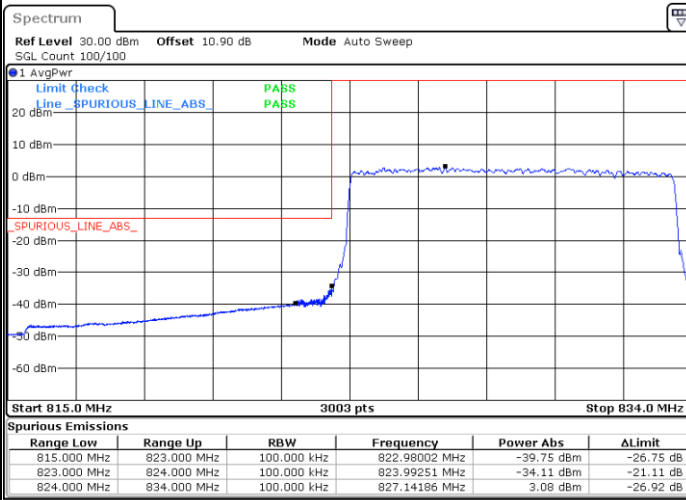
Date: 22.DEC.2021 10:37:34

Highest Band Edge / 1 RB



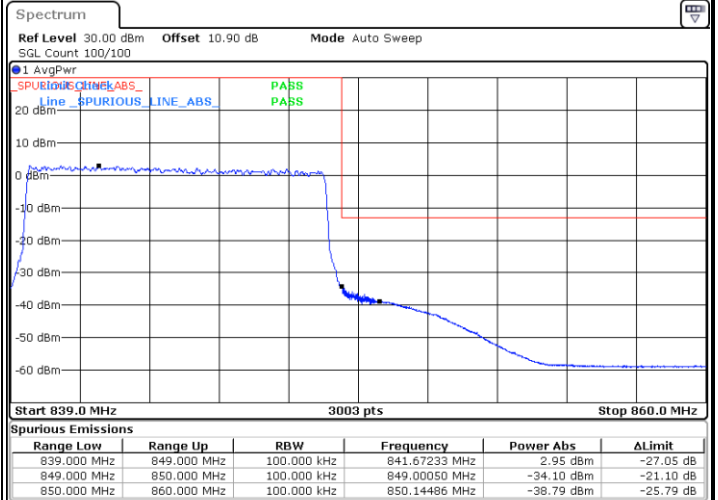
Date: 22.DEC.2021 10:42:18

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:36:54

Highest Band Edge / Full RB

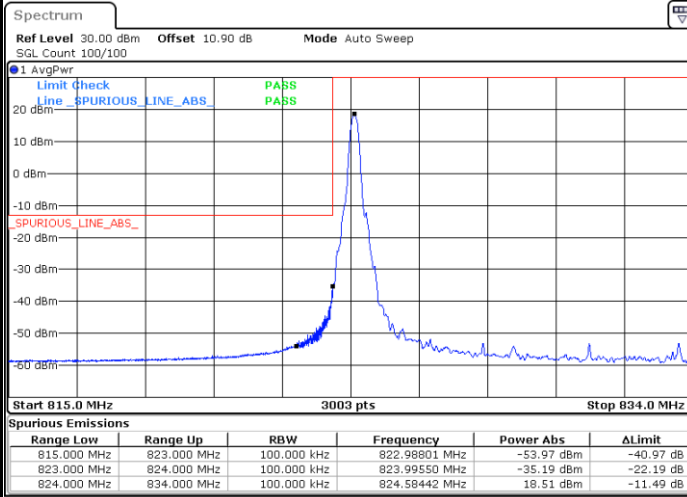


Date: 22.DEC.2021 10:43:01



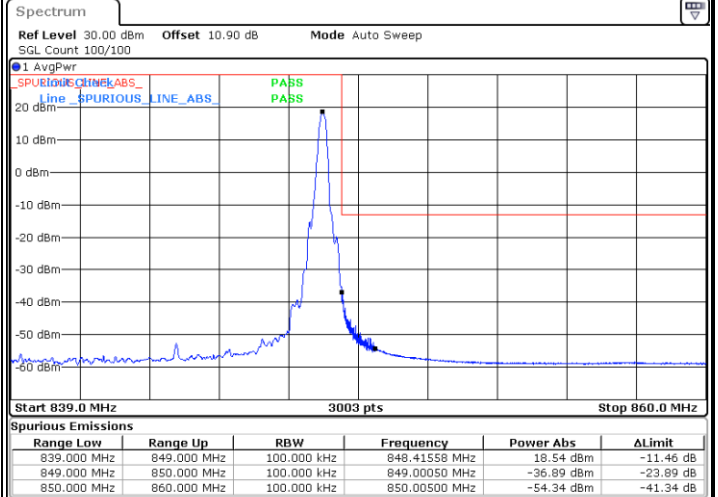
LTE Band 26 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



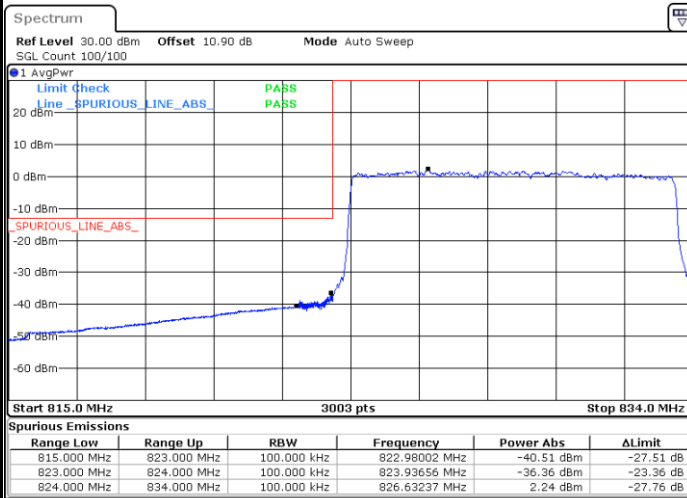
Date: 22.DEC.2021 10:49:25

Highest Band Edge / 1 RB



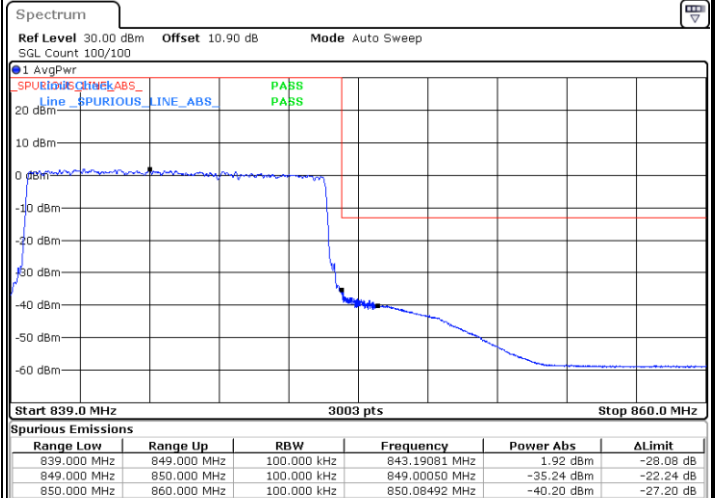
Date: 22.DEC.2021 10:50:51

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:45:00

Highest Band Edge / Full RB



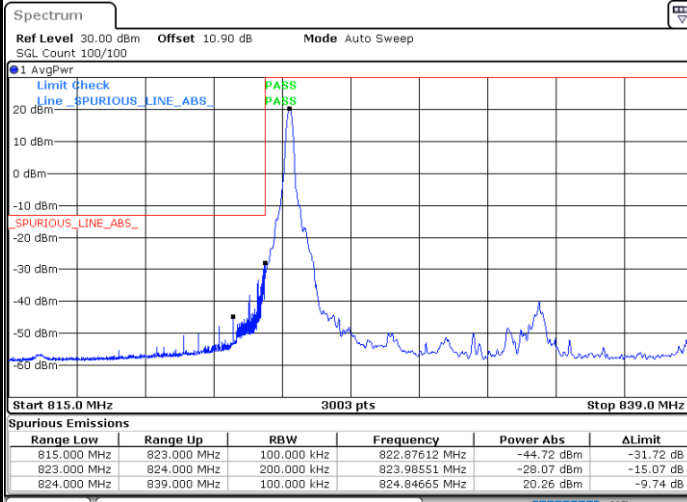
Date: 22.DEC.2021 10:51:35





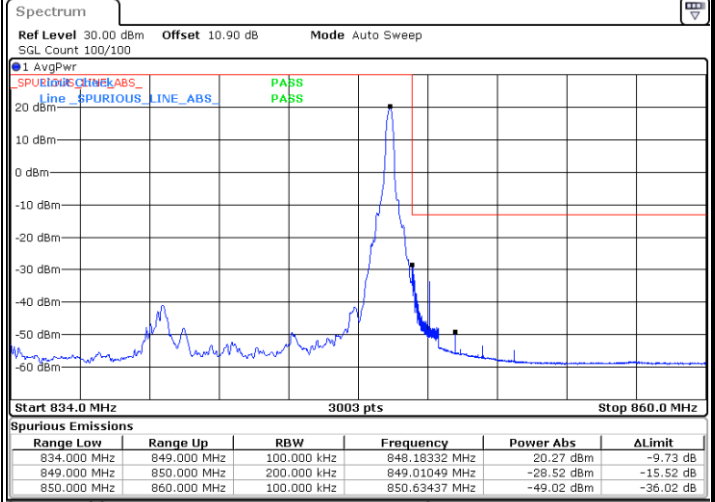
LTE Band 26 / 15MHz / QPSK

Lowest Band Edge / 1 RB



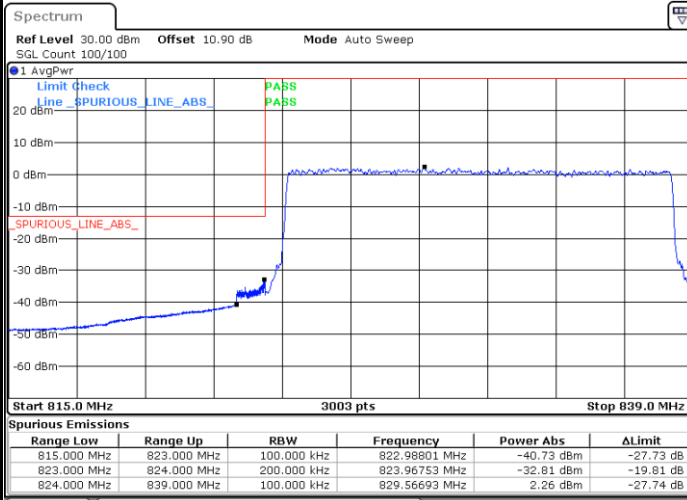
Date: 22.DEC.2021 10:57:42

Highest Band Edge / 1 RB



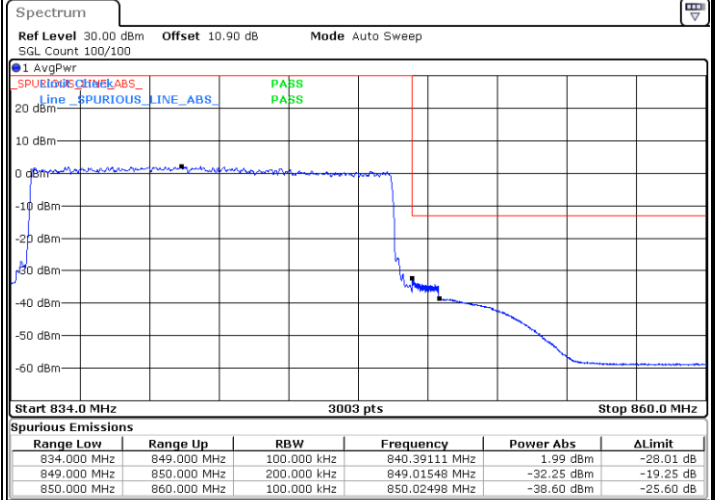
Date: 22.DEC.2021 11:02:30

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:55:43

Highest Band Edge / Full RB

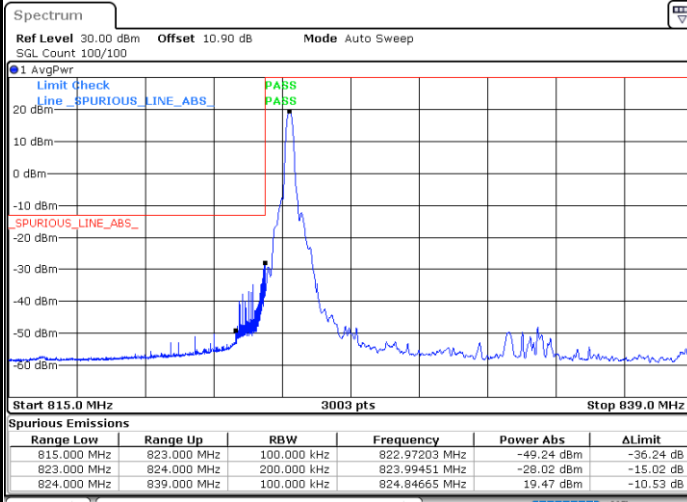


Date: 22.DEC.2021 11:04:39



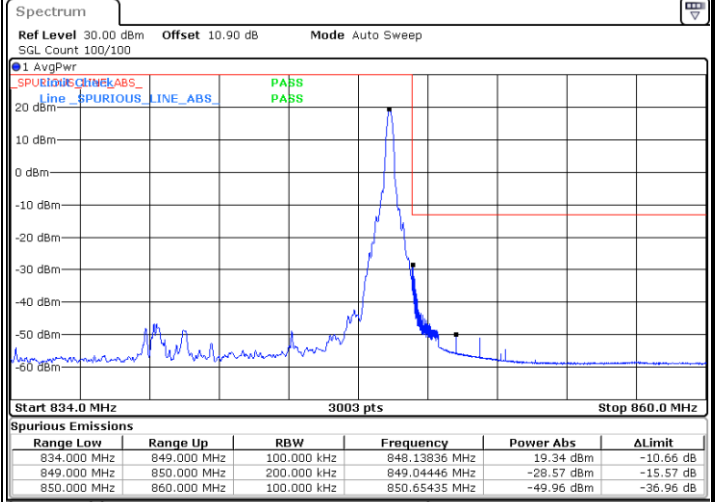
LTE Band 26 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



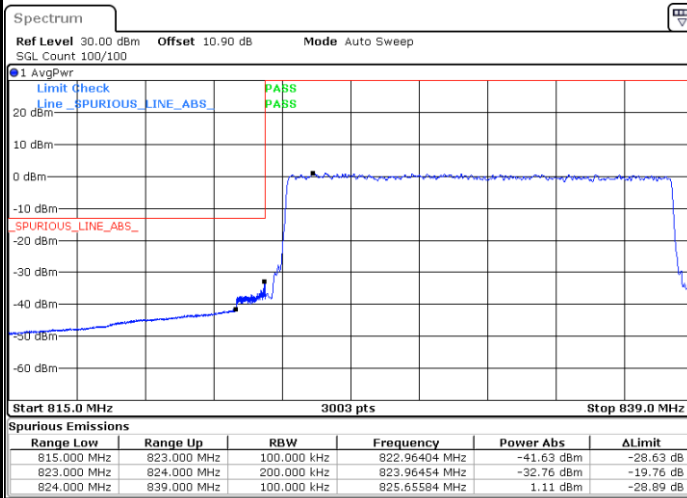
Date: 22.DEC.2021 10:57:02

Highest Band Edge / 1 RB



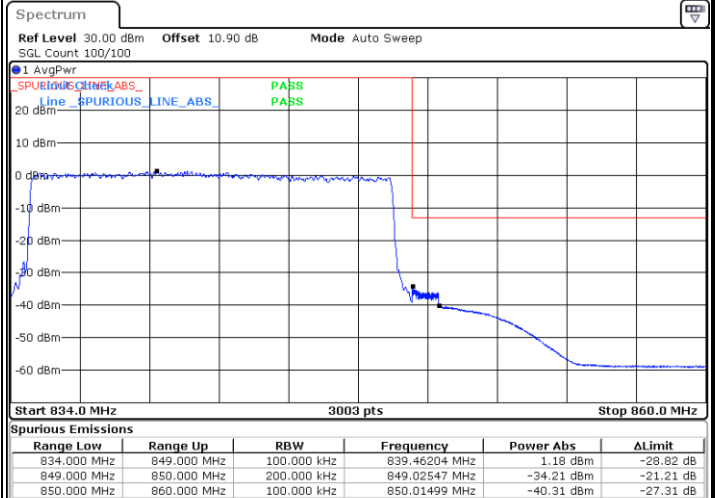
Date: 22.DEC.2021 11:03:13

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:56:23

Highest Band Edge / Full RB

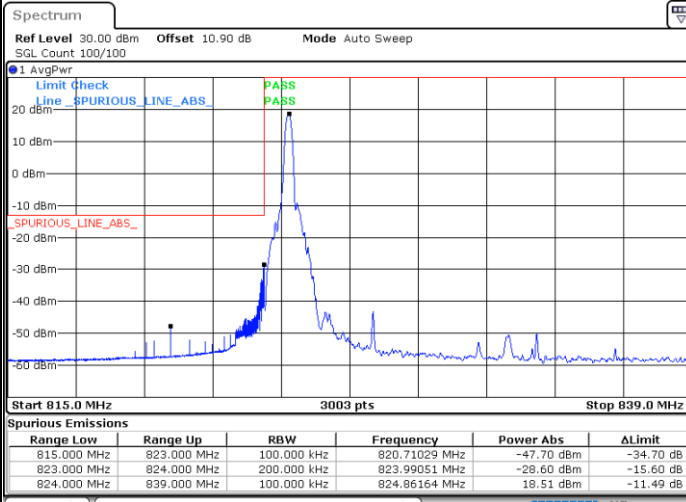


Date: 22.DEC.2021 11:03:56



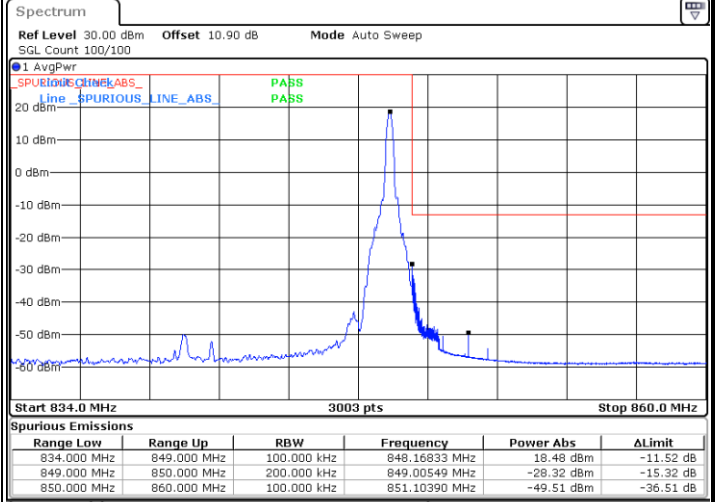
LTE Band 26 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



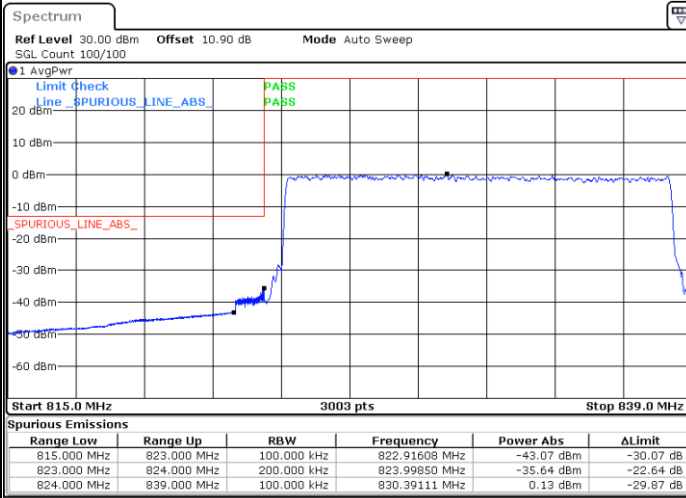
Date: 22.DEC.2021 10:52:55

Highest Band Edge / 1 RB



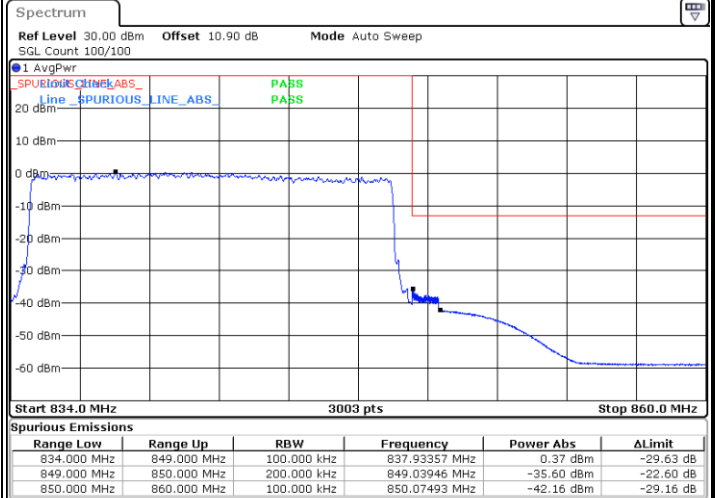
Date: 22.DEC.2021 10:54:20

Lowest Band Edge / Full RB



Date: 22.DEC.2021 10:52:15

Highest Band Edge / Full RB



Date: 22.DEC.2021 10:55:04

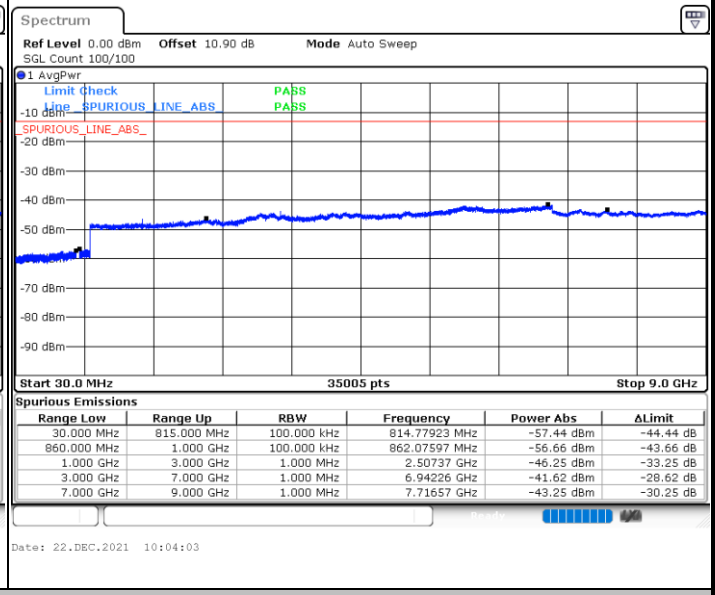
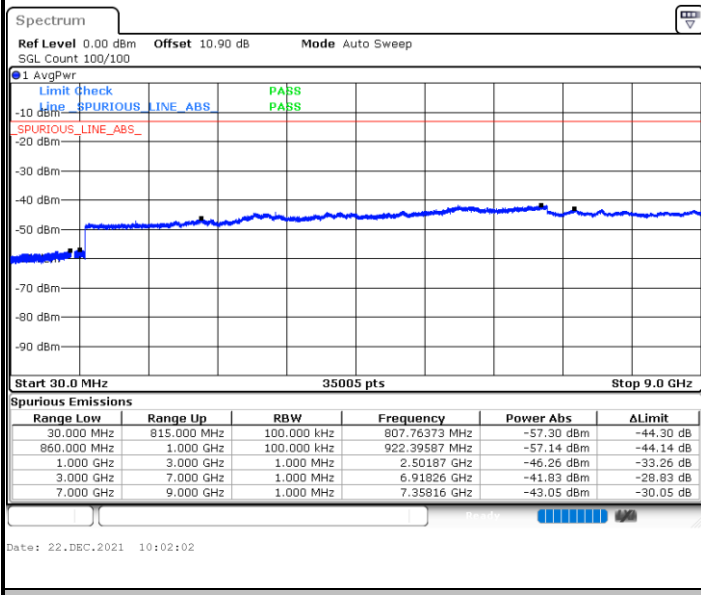


# Conducted Spurious Emission

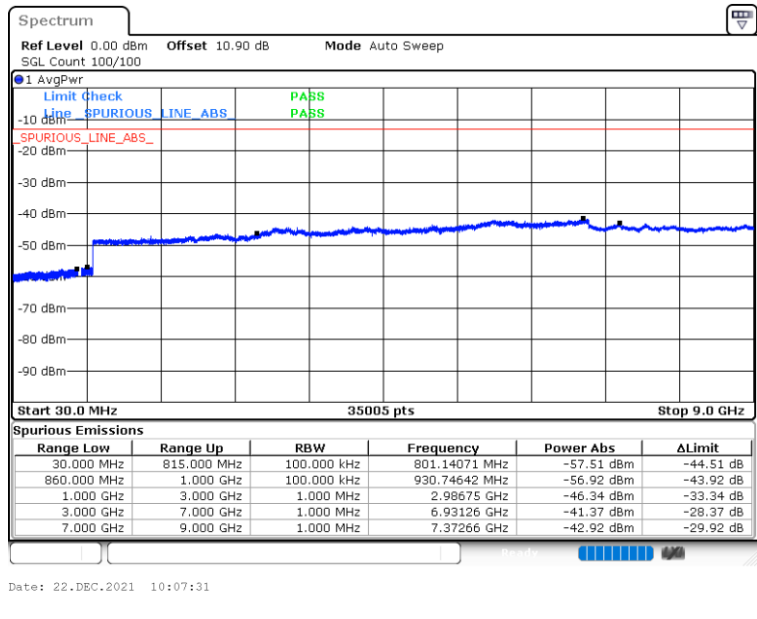
## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK

### Middle Channel / QPSK



### Highest Channel / QPSK

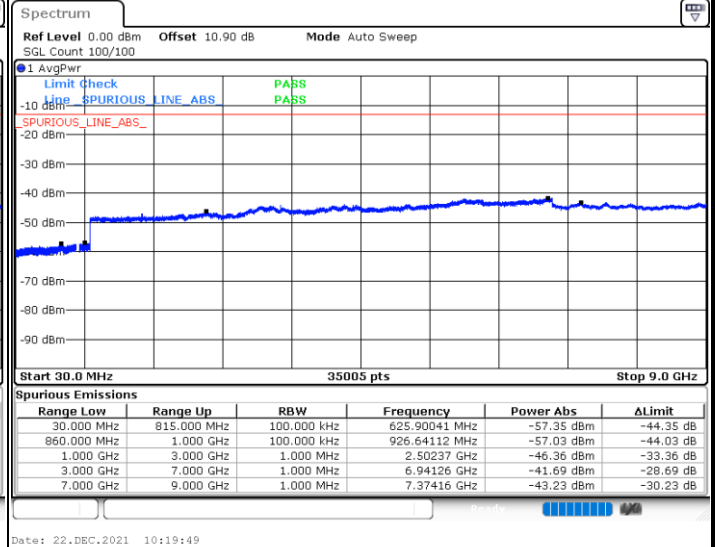
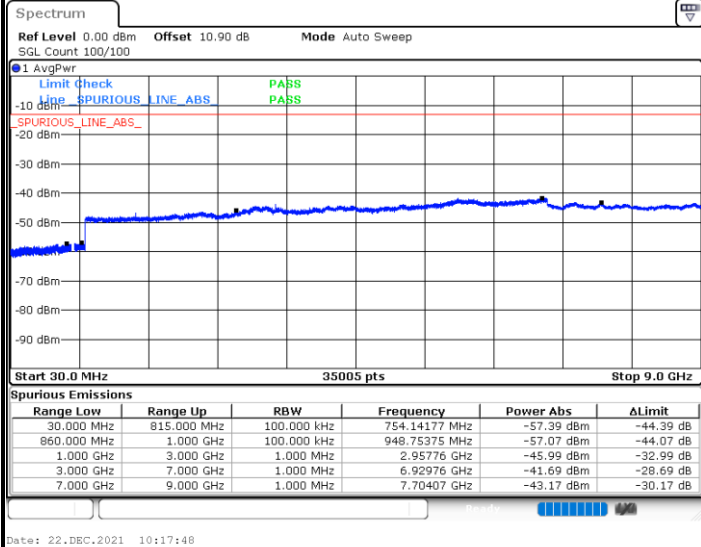




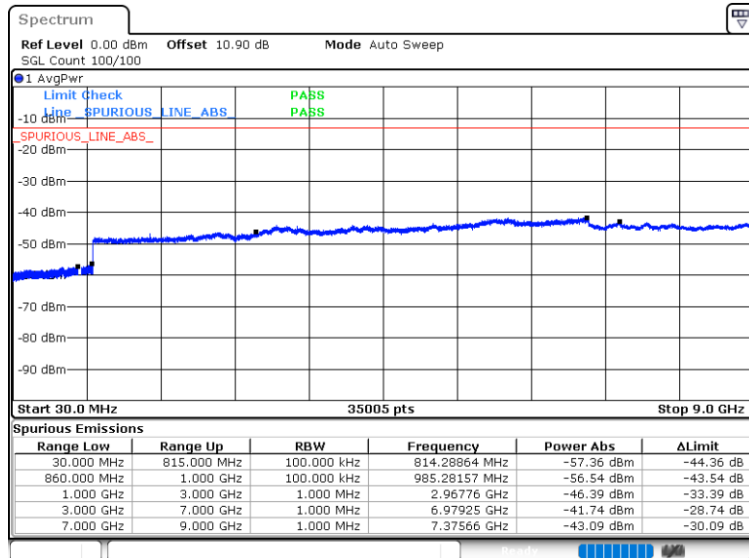
LTE Band 26 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

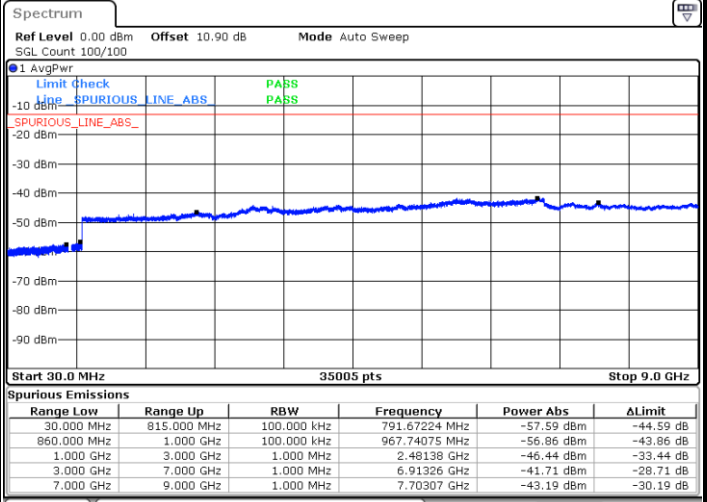
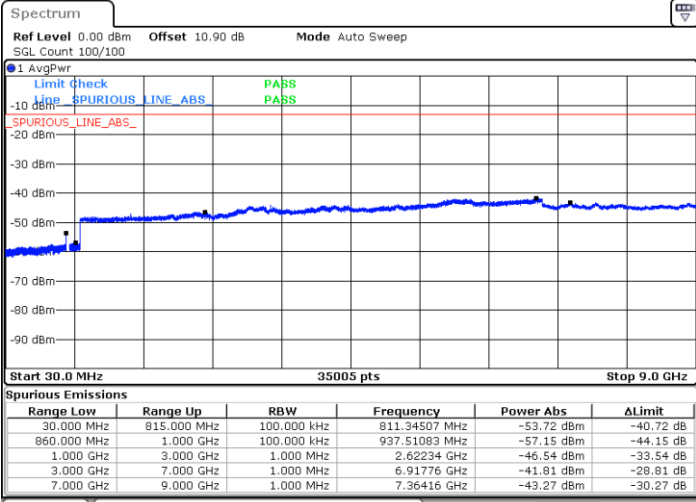




LTE Band 26 / 5MHz

Lowest Channel / QPSK

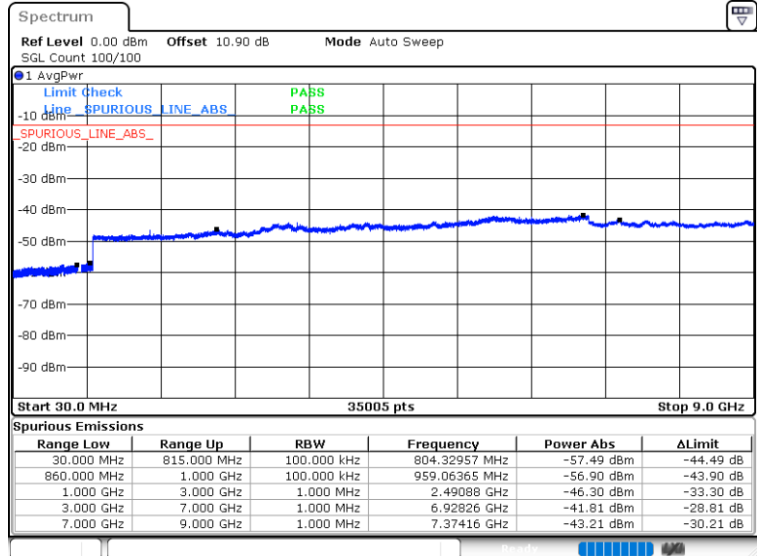
Middle Channel / QPSK



Date: 22.DEC.2021 10:26:34

Date: 22.DEC.2021 10:28:35

Highest Channel / QPSK



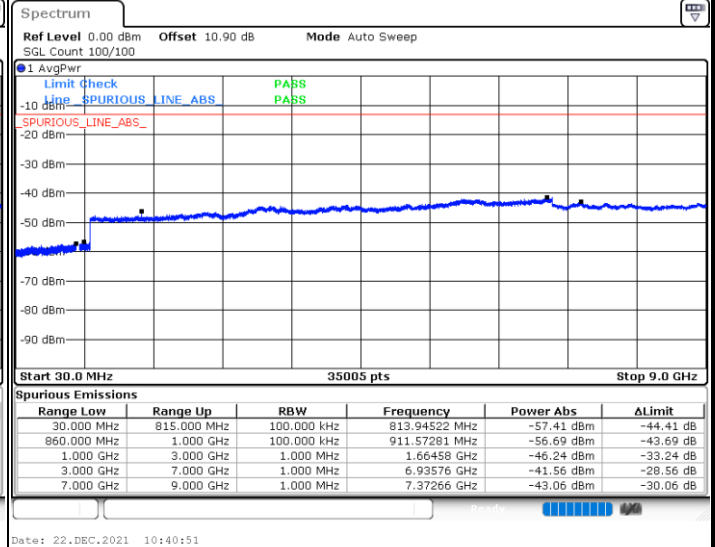
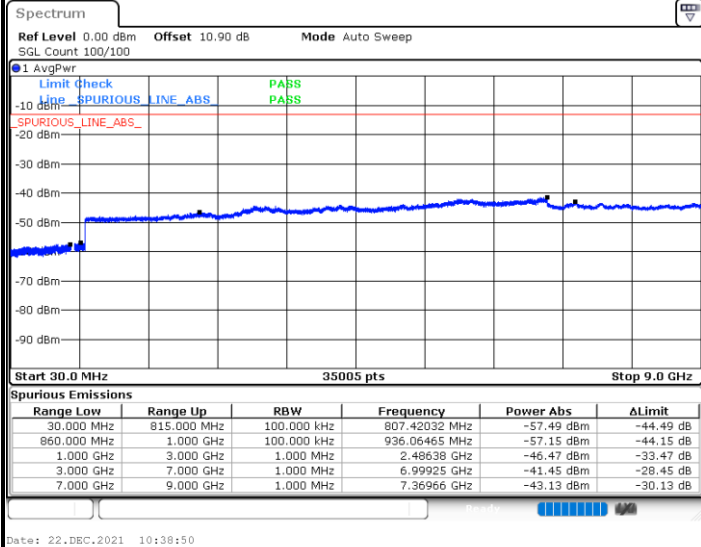
Date: 22.DEC.2021 10:32:03



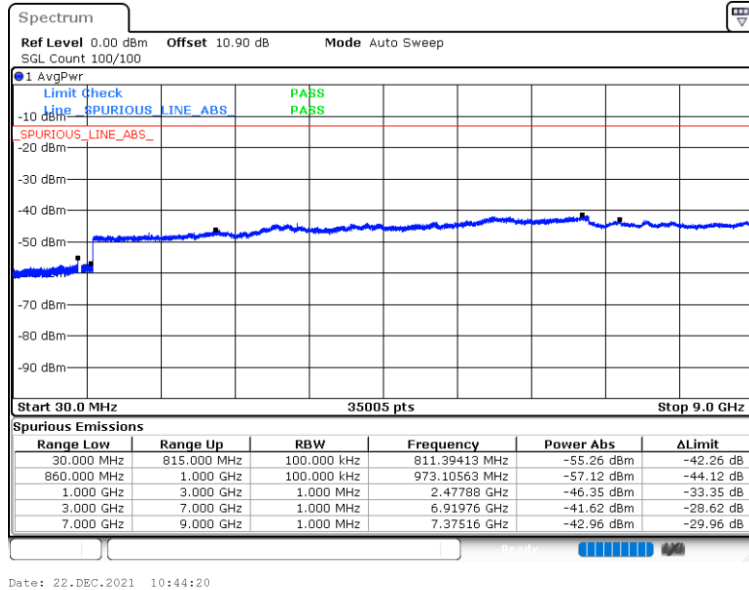
LTE Band 26 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



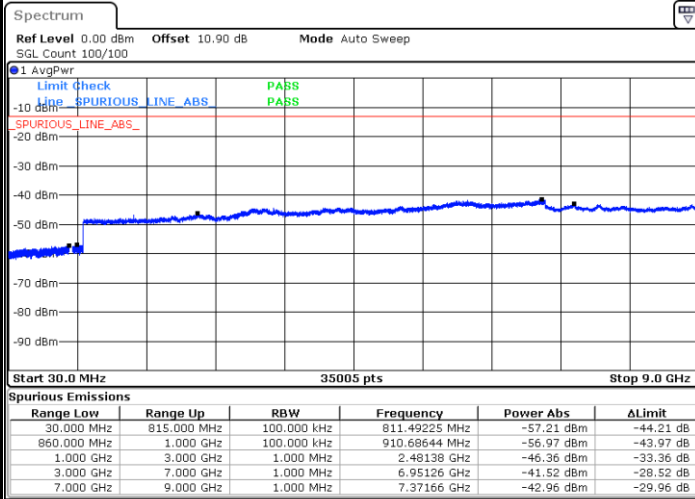
Highest Channel / QPSK





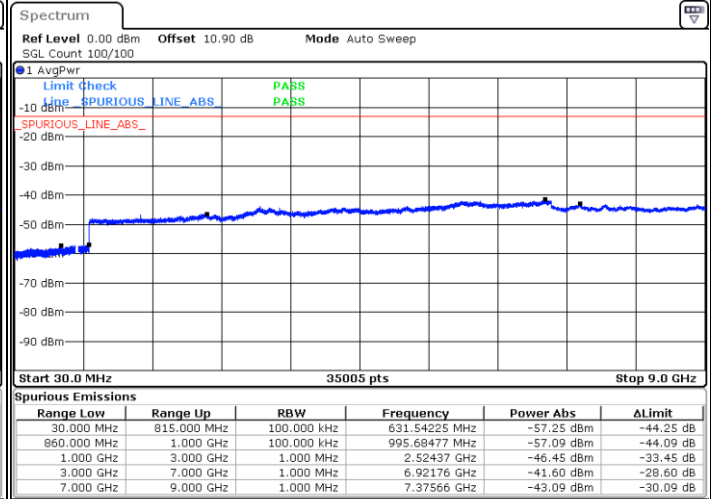
LTE Band 26 / 15MHz

Lowest Channel / QPSK



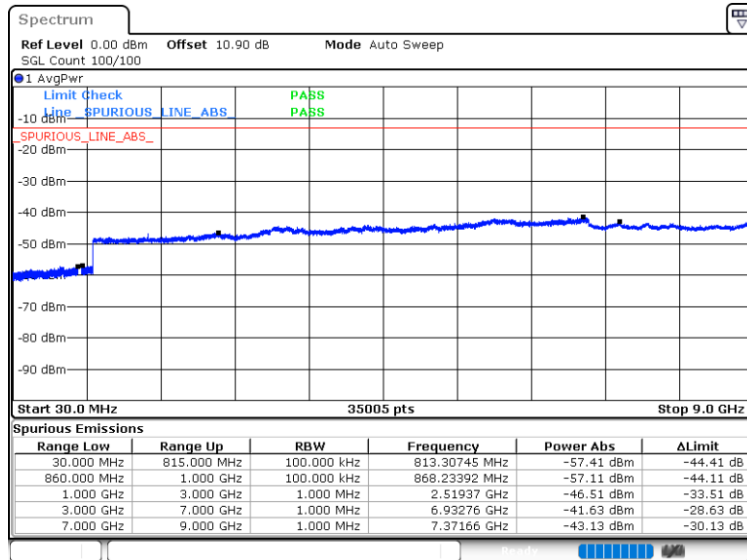
Date: 22.DEC.2021 10:58:17

Middle Channel / QPSK



Date: 22.DEC.2021 11:01:47

Highest Channel / QPSK



Date: 22.DEC.2021 11:05:15





### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0213	PASS
40	Normal Voltage	0.0122	
30	Normal Voltage	0.0137	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0057	
-10	Normal Voltage	0.0203	
-20	Normal Voltage	0.0134	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0093	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0155	

**Note:**

- 1. Normal Voltage =14 V. ; Battery End Point (BEP) =12 V. ; Maximum Voltage =16 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 41

### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.90	5.86	6.43	<b>PASS</b>