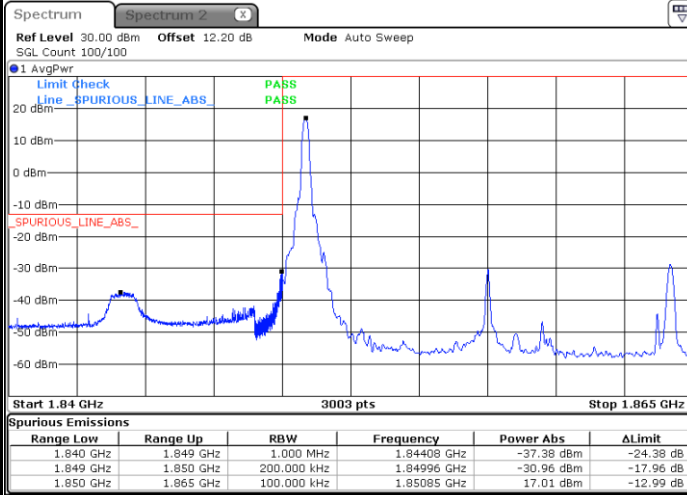




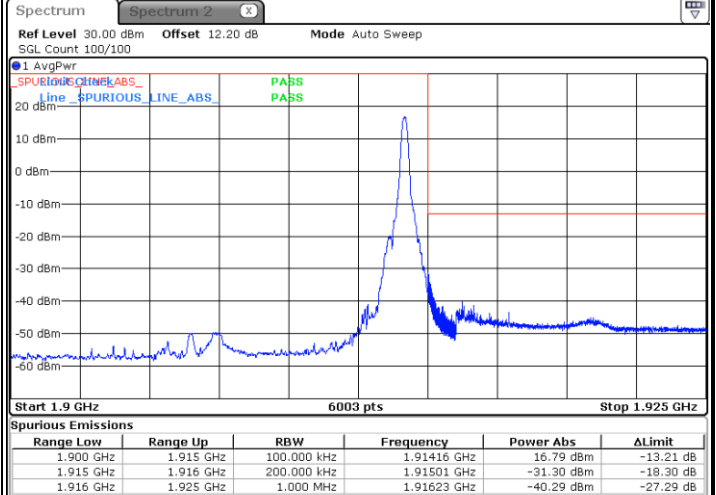
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



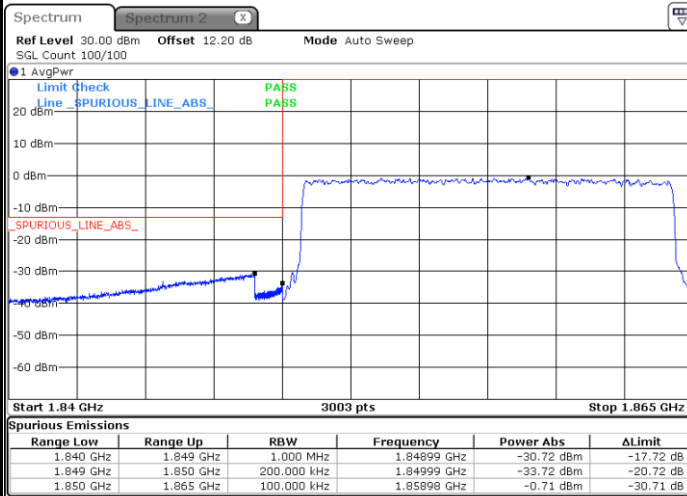
Date: 2 APR 2021 01:10:32

Highest Band Edge / 1 RB



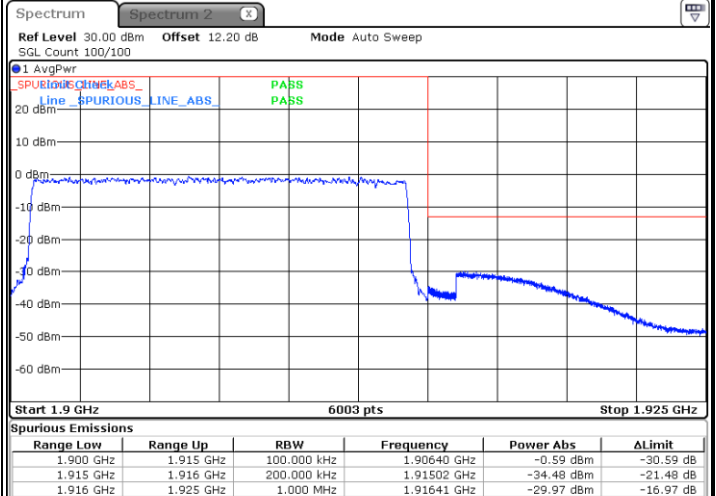
Date: 2 APR 2021 01:18:26

Lowest Band Edge / Full RB



Date: 2 APR 2021 01:12:11

Highest Band Edge / Full RB

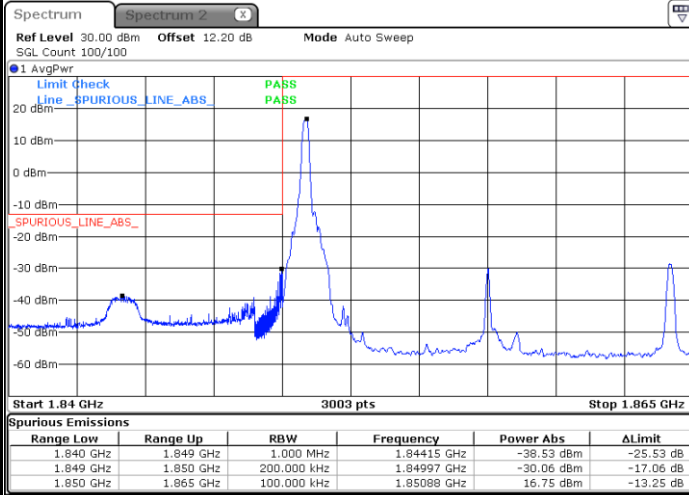


Date: 2 APR 2021 01:17:38



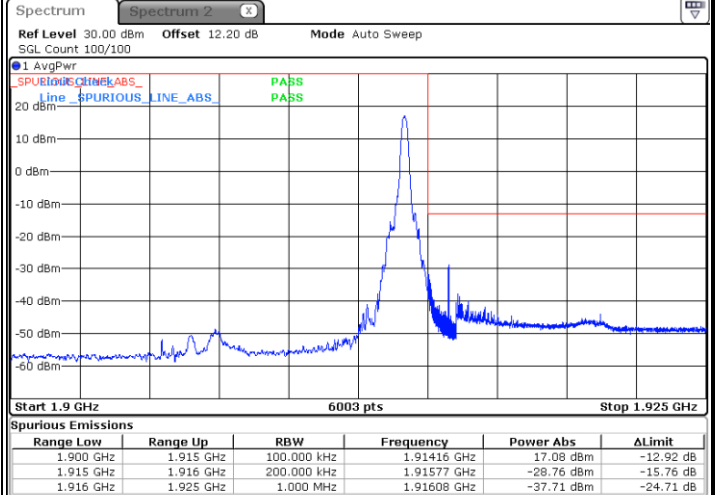
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



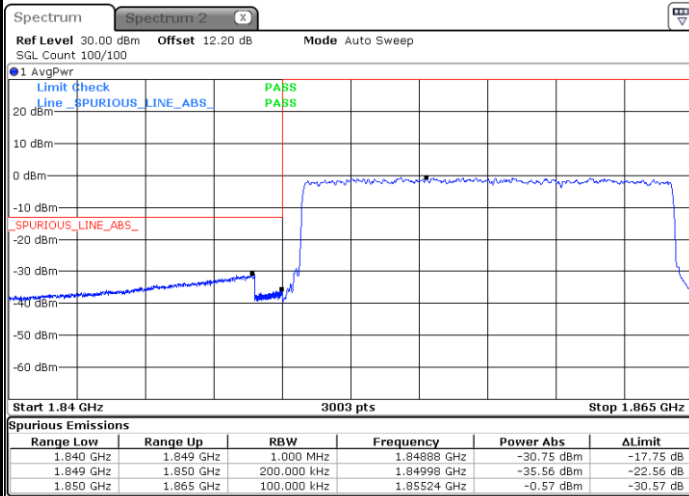
Date: 2 APR 2021 01:05:46

Highest Band Edge / 1 RB



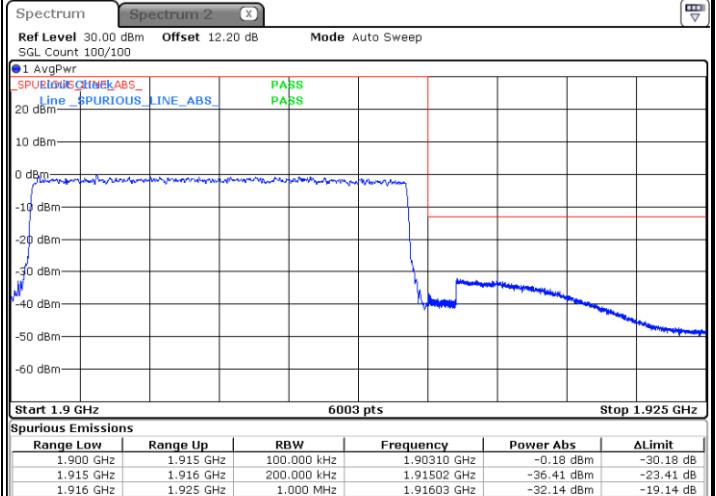
Date: 2 APR 2021 01:08:54

Lowest Band Edge / Full RB



Date: 2 APR 2021 01:06:35

Highest Band Edge / Full RB

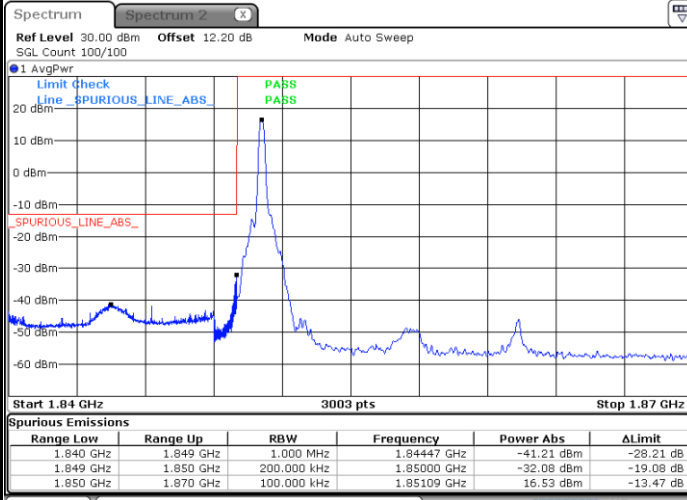


Date: 2 APR 2021 01:08:04



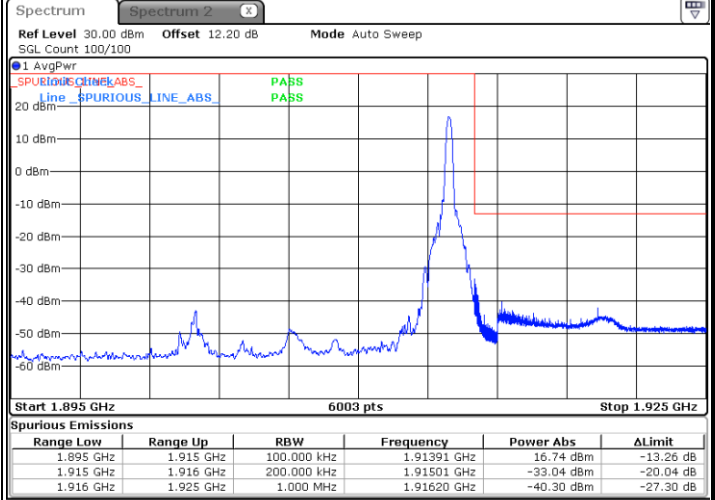
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



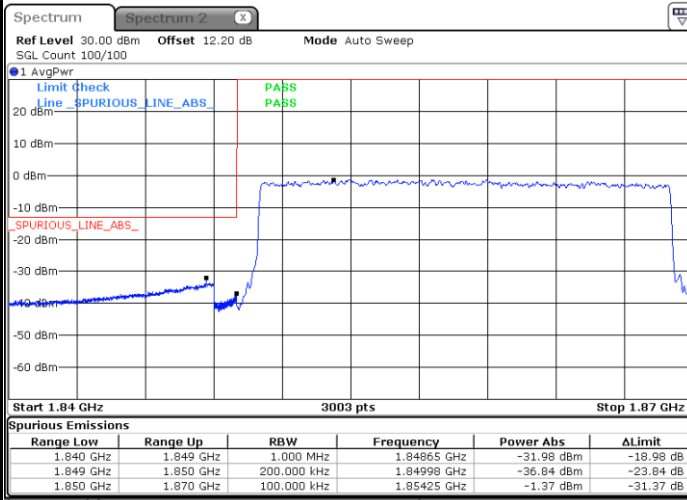
Date: 2 APR 2021 01:21:11

Highest Band Edge / 1 RB



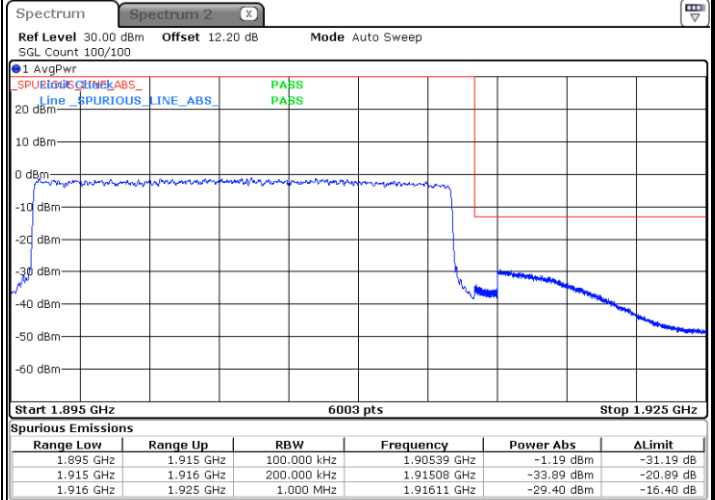
Date: 2 APR 2021 01:30:44

Lowest Band Edge / Full RB



Date: 2 APR 2021 01:22:49

Highest Band Edge / Full RB

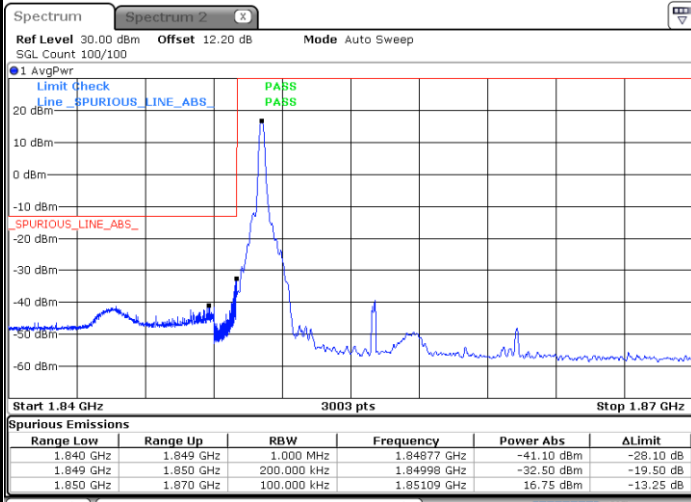


Date: 2 APR 2021 01:28:16



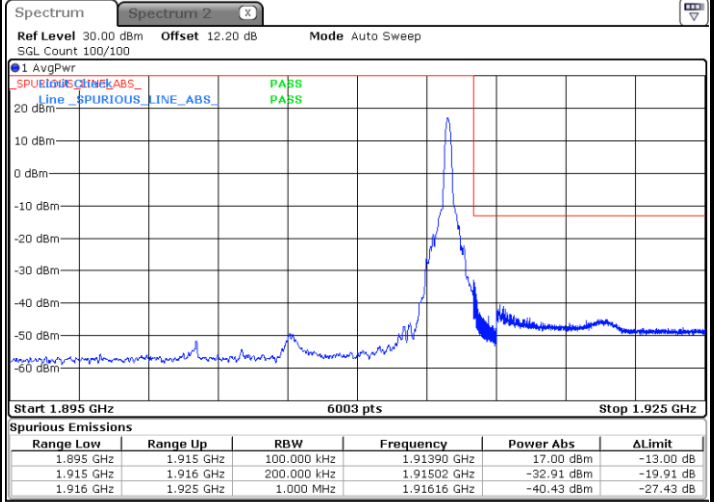
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



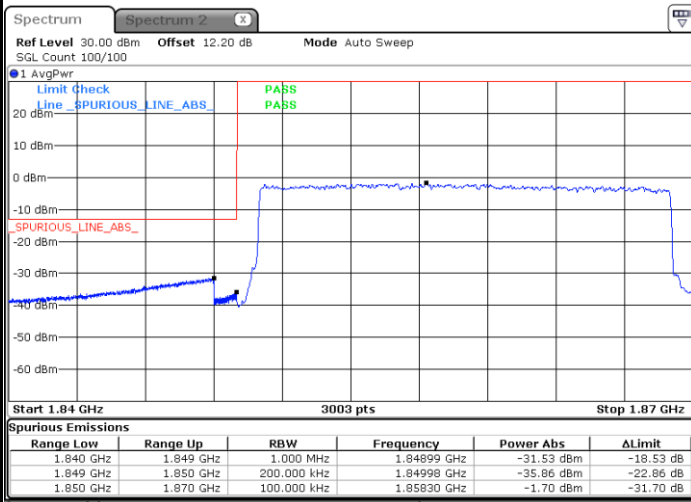
Date: 2 APR 2021 01:22:00

Highest Band Edge / 1 RB



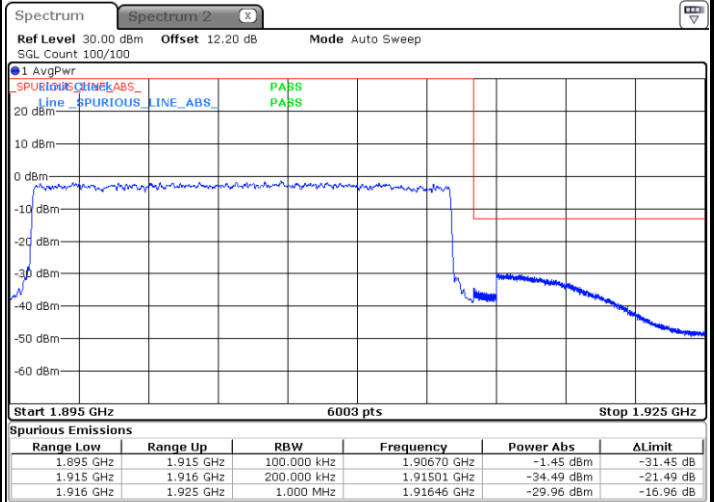
Date: 2 APR 2021 01:29:55

Lowest Band Edge / Full RB



Date: 2 APR 2021 01:23:39

Highest Band Edge / Full RB

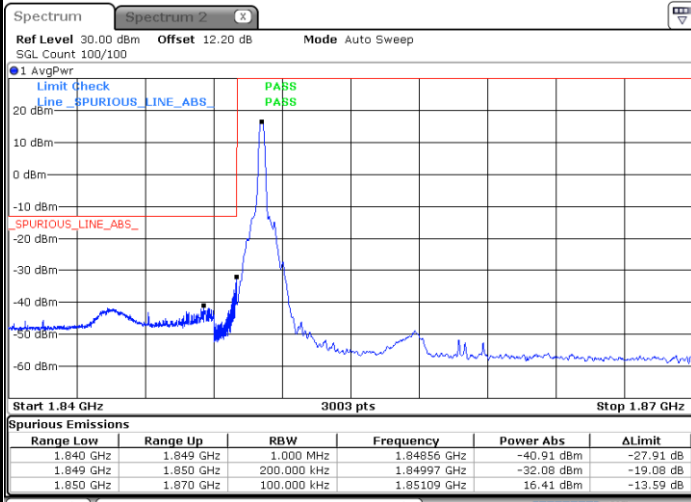


Date: 2 APR 2021 01:29:06



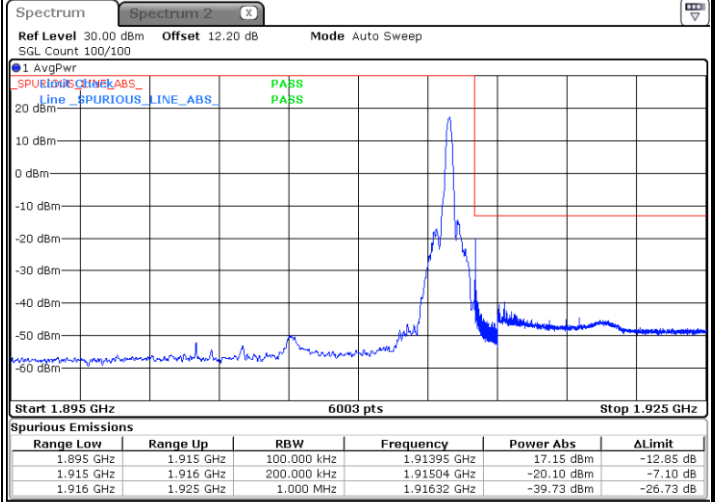
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



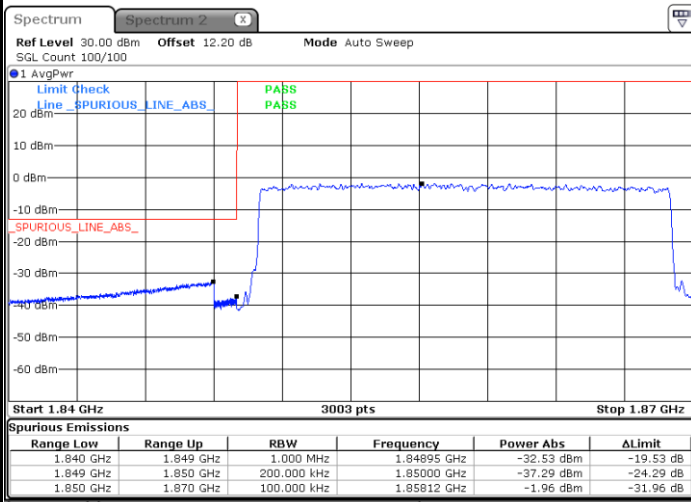
Date: 2 APR 2021 01:32:38

Highest Band Edge / 1 RB



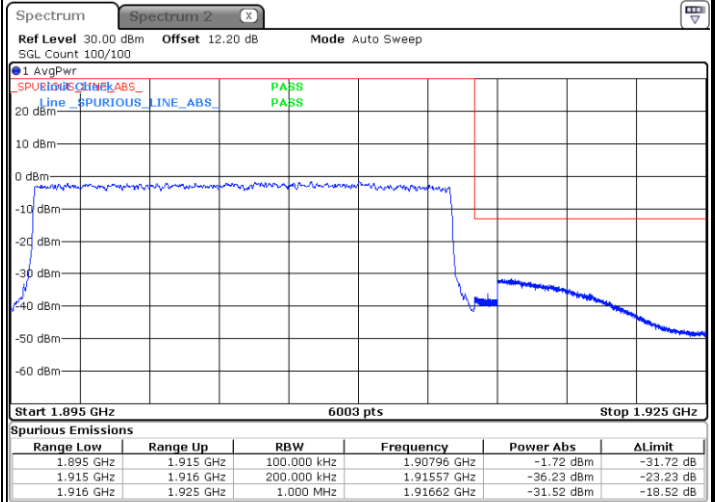
Date: 2 APR 2021 01:35:47

Lowest Band Edge / Full RB



Date: 2 APR 2021 01:33:27

Highest Band Edge / Full RB



Date: 2 APR 2021 01:34:57

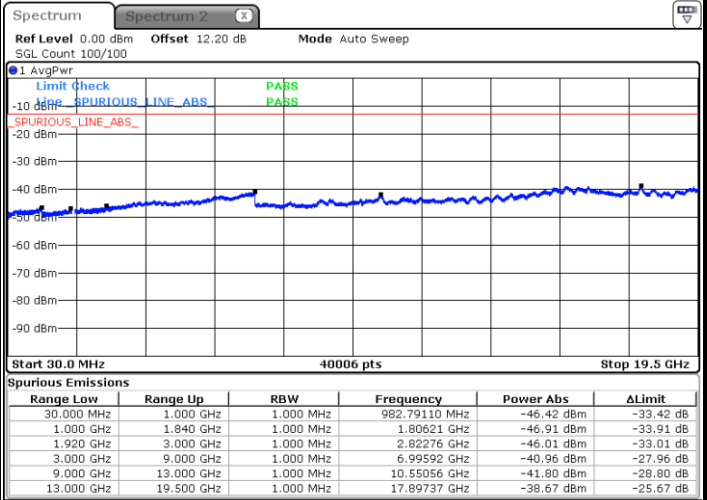
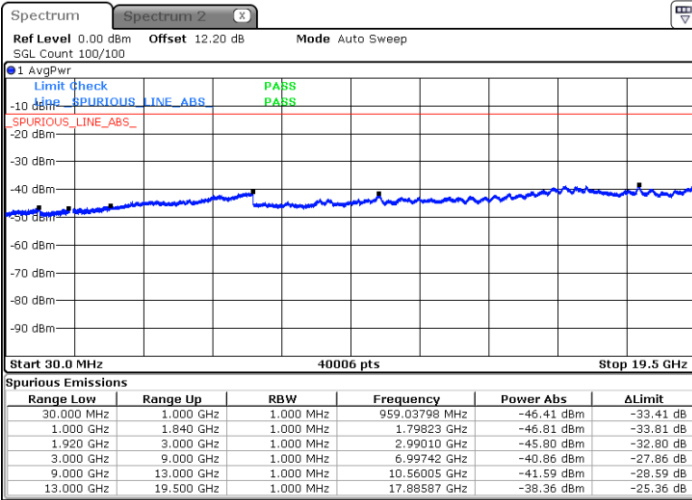


# Conducted Spurious Emission

## LTE Band 25 / 1.4MHz

### Lowest Channel / QPSK

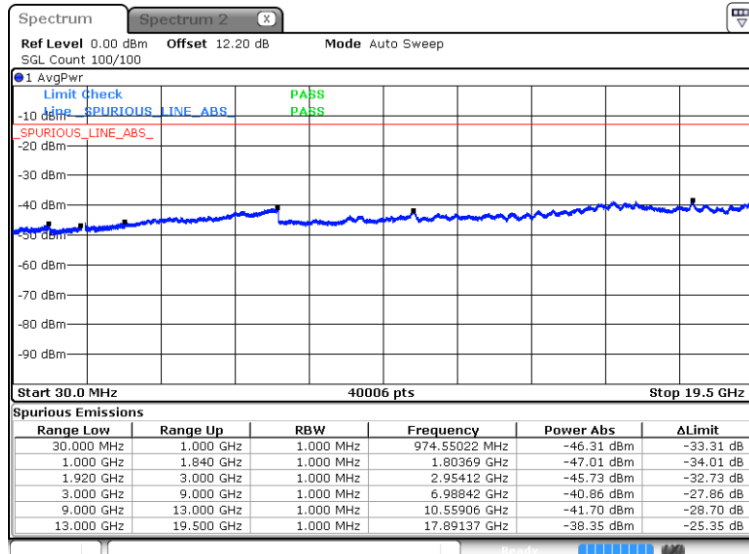
### Middle Channel / QPSK



Date: 2 APR 2021 00:07:34

Date: 2 APR 2021 00:10:18

### Highest Channel / QPSK

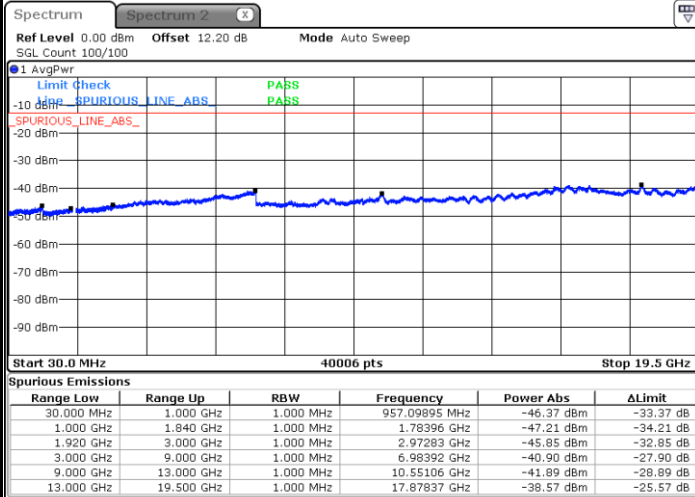


Date: 2 APR 2021 00:14:40



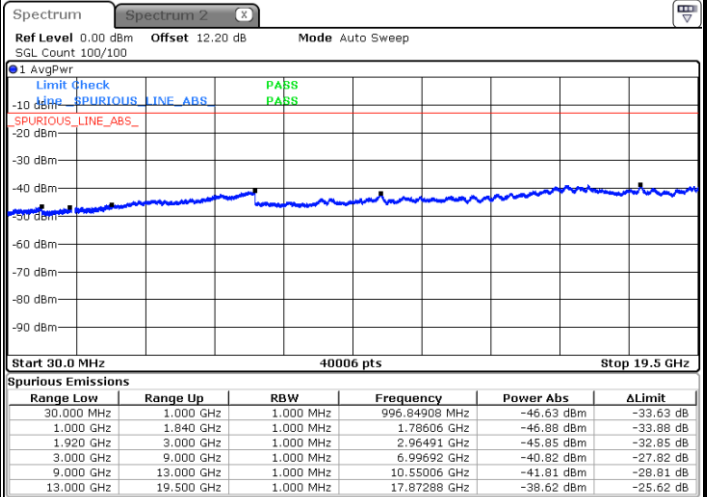
LTE Band 25 / 3MHz

Lowest Channel / QPSK



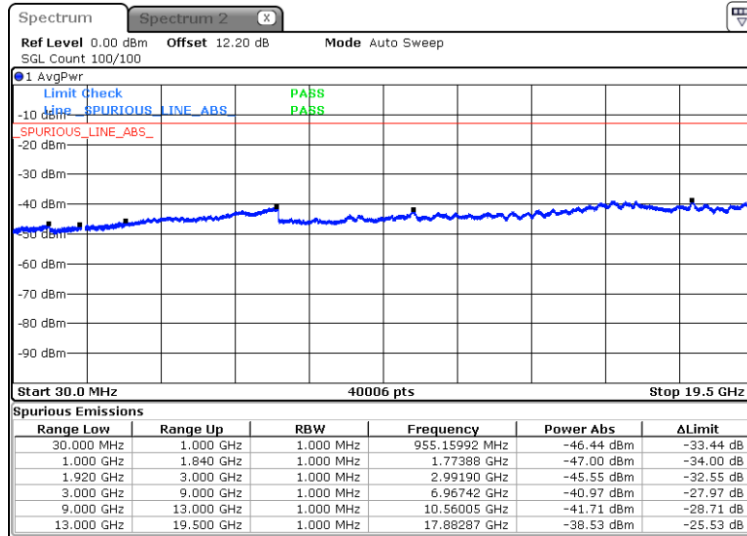
Date: 2 APR 2021 00:26:56

Middle Channel / QPSK



Date: 2 APR 2021 00:29:40

Highest Channel / QPSK

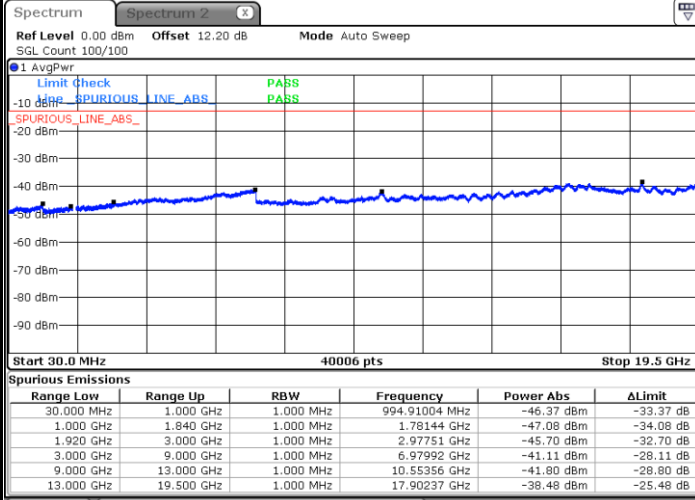


Date: 2 APR 2021 00:34:02



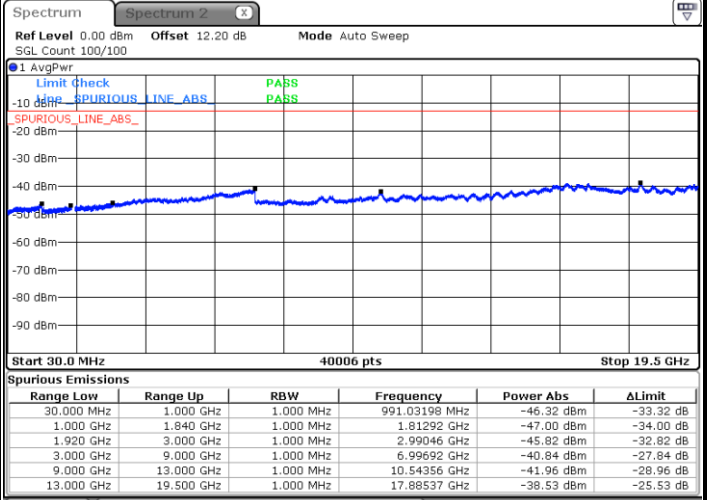
LTE Band 25 / 5MHz

Lowest Channel / QPSK



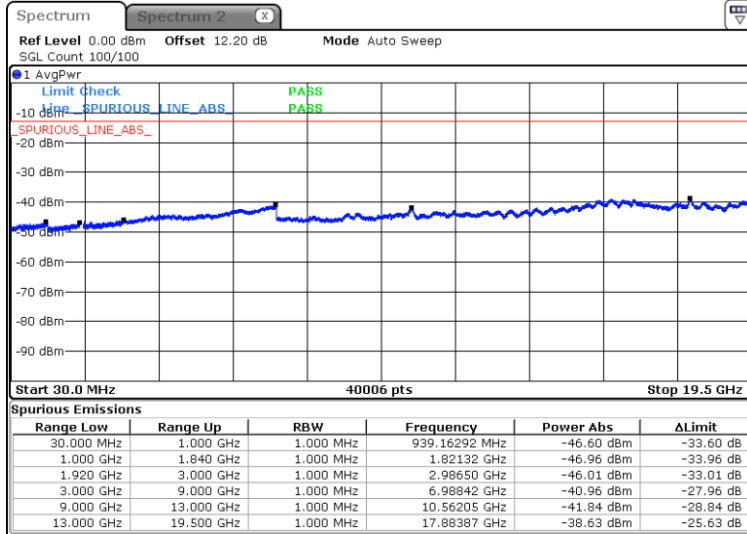
Date: 2 APR 2021 00:38:25

Middle Channel / QPSK



Date: 2 APR 2021 00:41:08

Highest Channel / QPSK



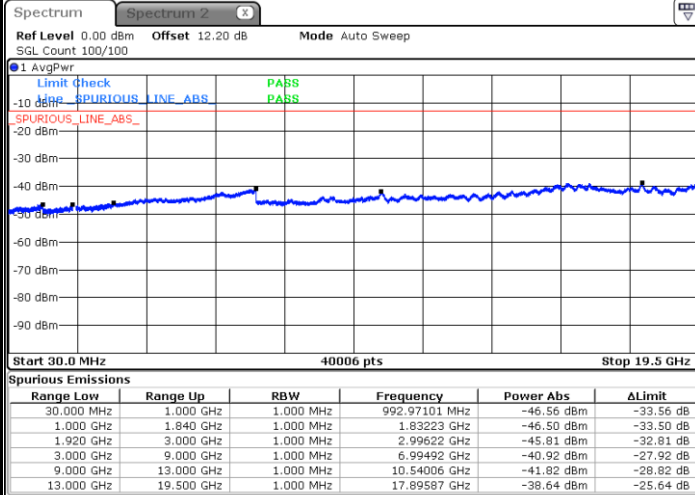
Date: 2 APR 2021 00:45:30





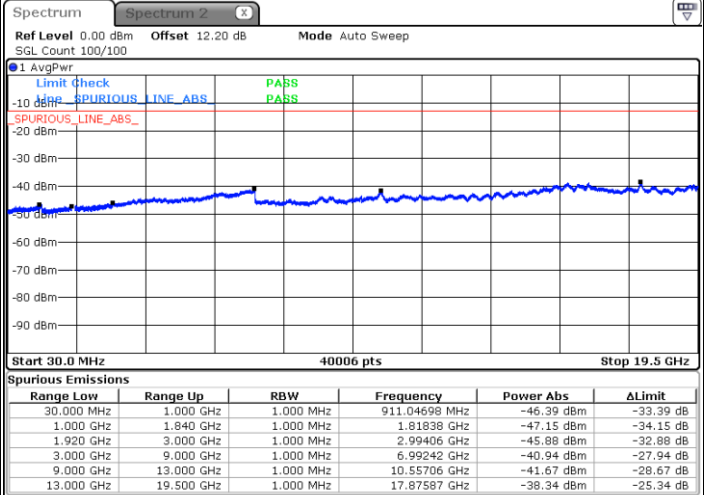
LTE Band 25 / 10MHz

Lowest Channel / QPSK



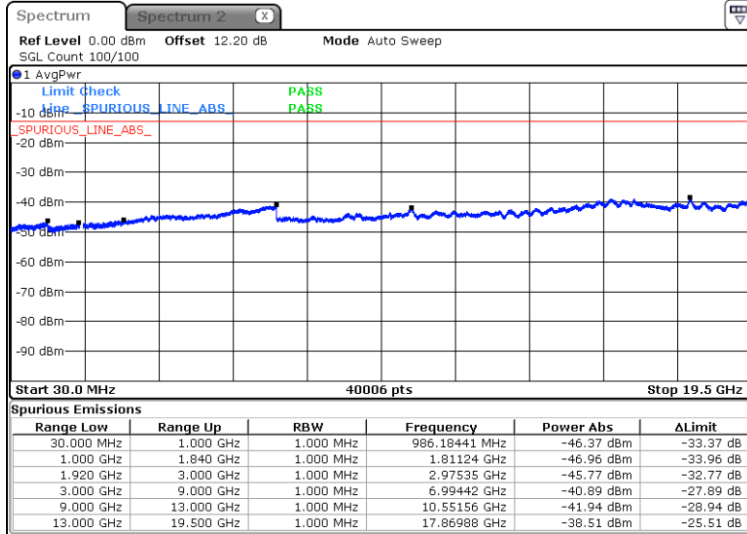
Date: 2 APR 2021 00:53:52

Middle Channel / QPSK



Date: 2 APR 2021 00:56:35

Highest Channel / QPSK

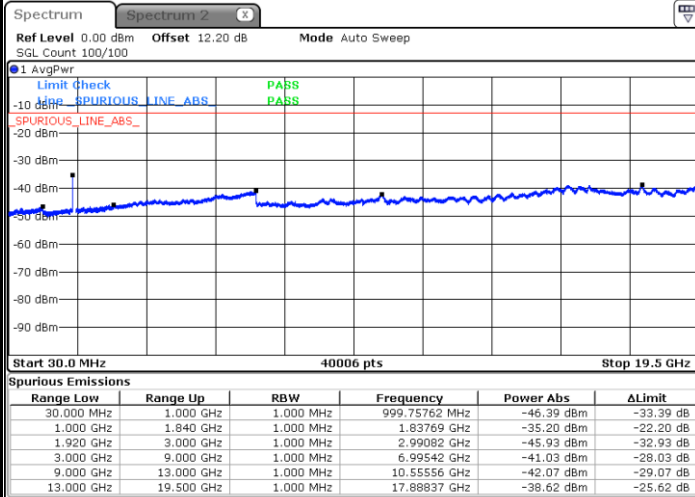


Date: 2 APR 2021 01:00:58



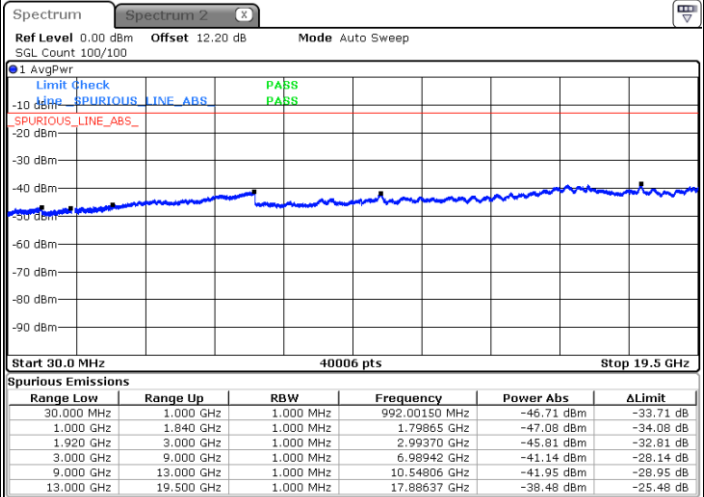
LTE Band 25 / 15MHz

Lowest Channel / QPSK



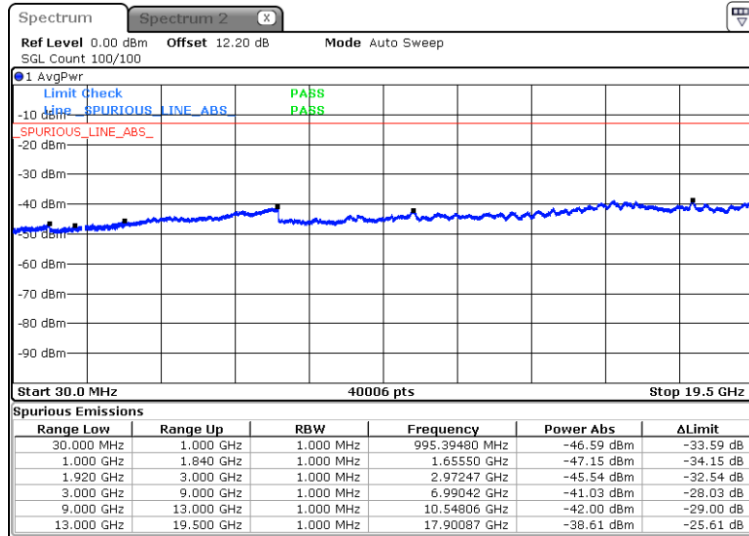
Date: 2 APR 2021 01:13:15

Middle Channel / QPSK



Date: 2 APR 2021 01:15:59

Highest Channel / QPSK

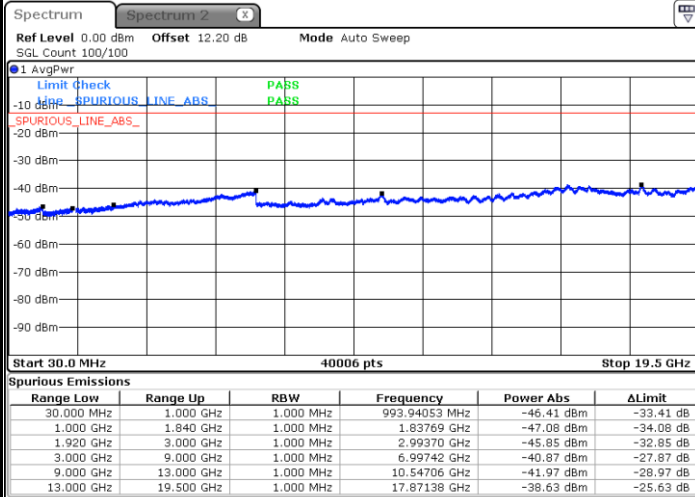


Date: 2 APR 2021 01:20:21



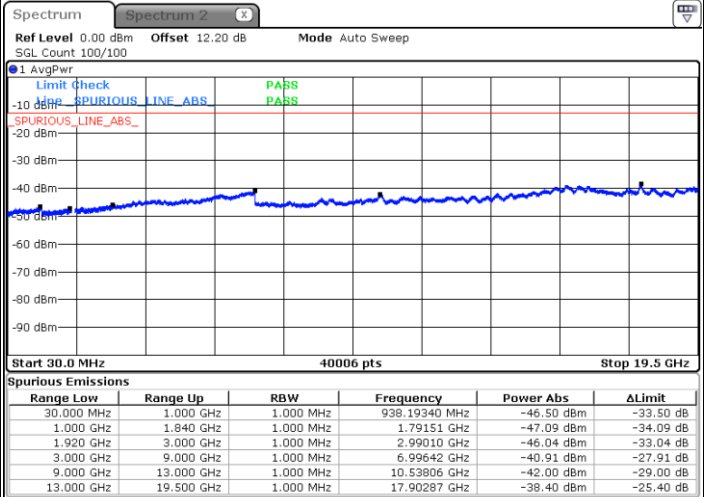
LTE Band 25 / 20MHz

Lowest Channel / QPSK



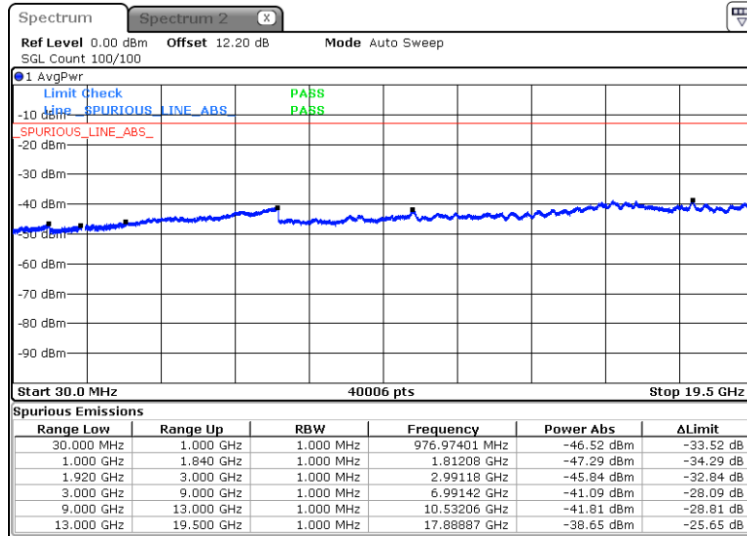
Date: 2 APR 2021 01:24:43

Middle Channel / QPSK



Date: 2 APR 2021 01:27:27

Highest Channel / QPSK



Date: 2 APR 2021 01:31:48



### 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	0.0015	PASS
40	Normal Voltage	0.0039	
30	Normal Voltage	0.0072	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0072	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0019	

**Note:**

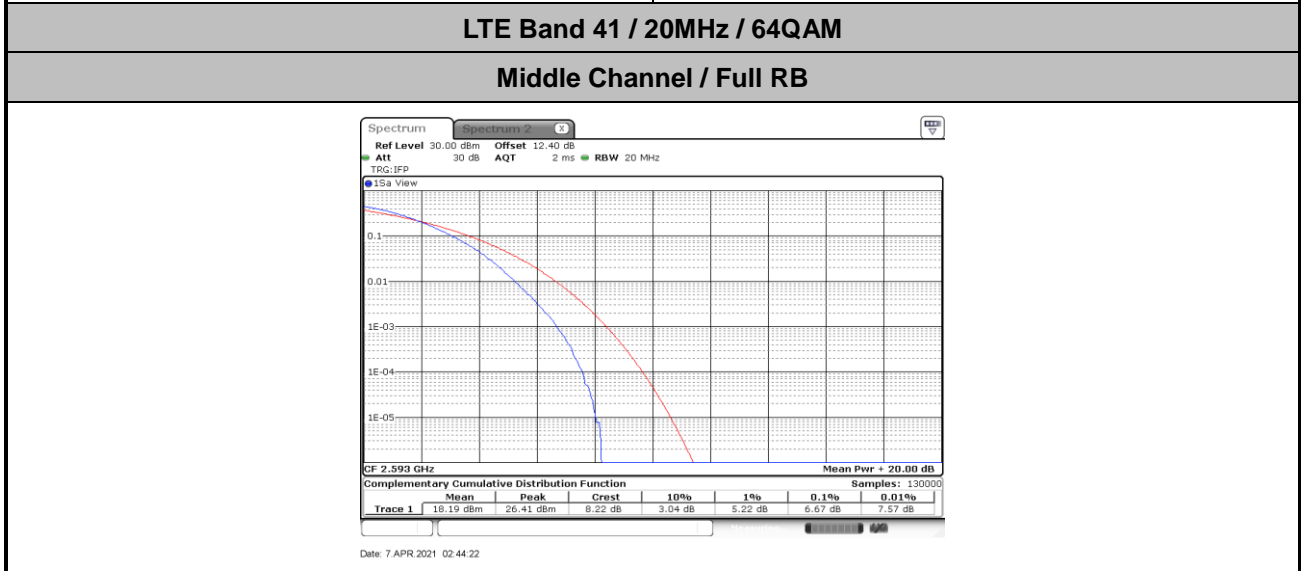
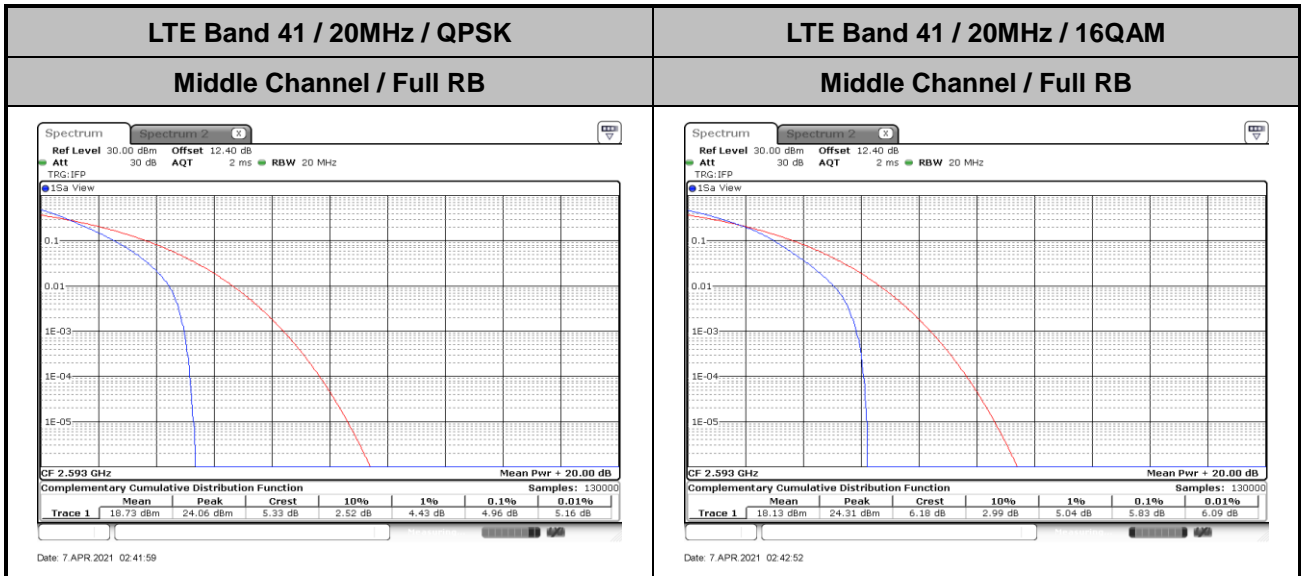
- 1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.67 V. ; Maximum Voltage =4.26 V.
- 2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 41

### Peak-to-Average Ratio

Mode	LTE Band 41 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.96	5.83	6.67	-	PASS





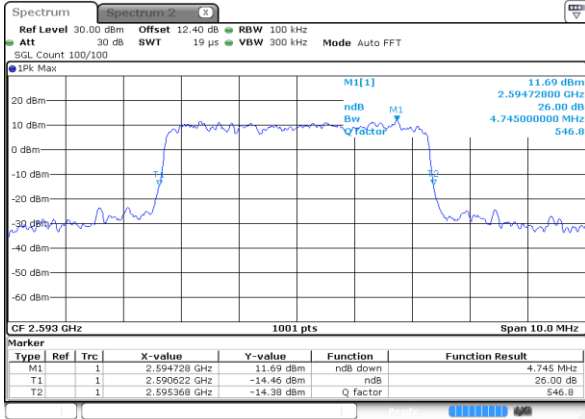
**26dB Bandwidth**

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	-	-	-	-	4.75	4.89	9.65	9.75	14.42	14.27	19.30	18.62
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	-	-	-	-	4.89	-	9.63	-	14.51	-	18.74	-



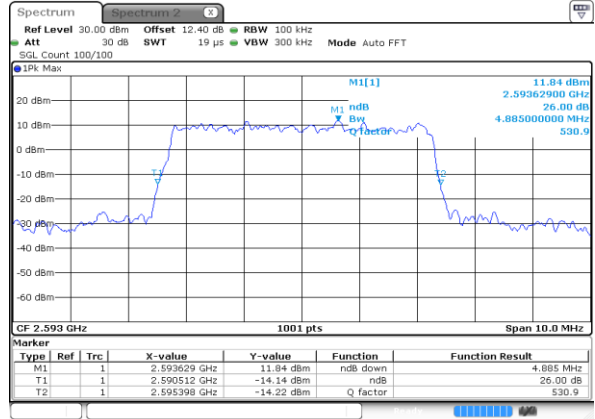
LTE Band 41

Middle Channel / 5MHz / QPSK



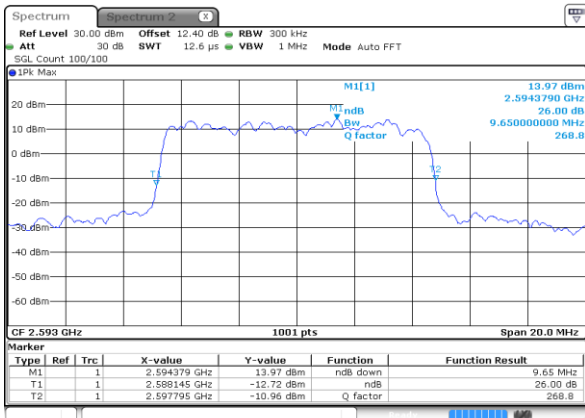
Date: 7 APR 2021 02:29:55

Middle Channel / 5MHz / 16QAM



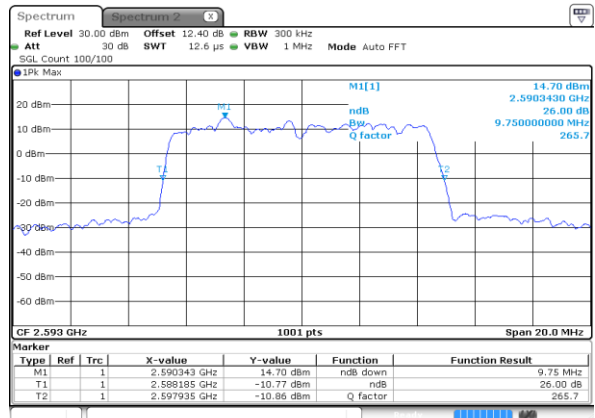
Date: 7 APR 2021 02:30:18

Middle Channel / 10MHz / QPSK



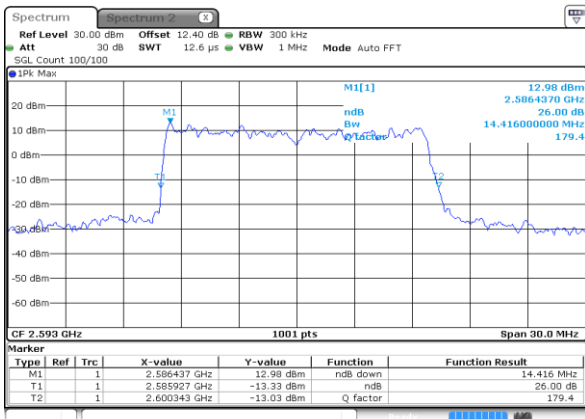
Date: 7 APR 2021 02:31:32

Middle Channel / 10MHz / 16QAM



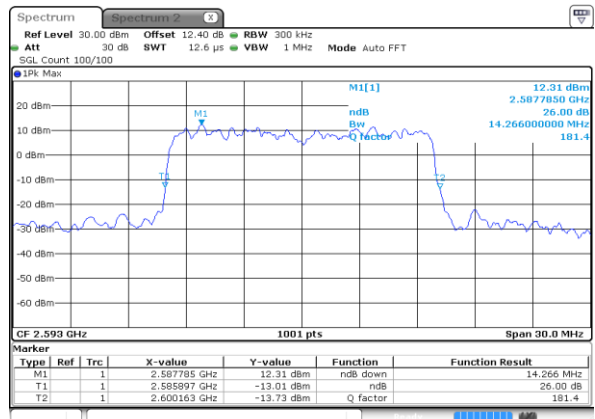
Date: 7 APR 2021 02:31:55

Middle Channel / 15MHz / QPSK



Date: 7 APR 2021 02:33:09

Middle Channel / 15MHz / 16QAM



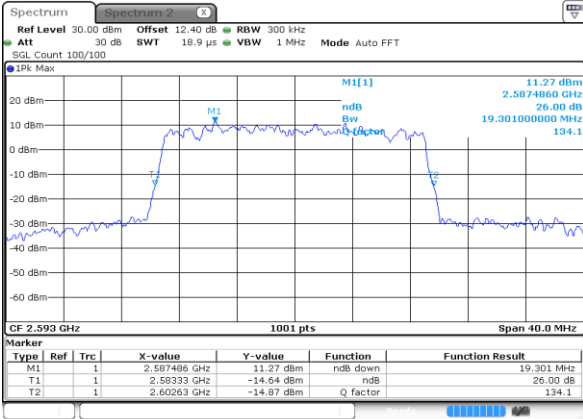
Date: 7 APR 2021 02:33:33





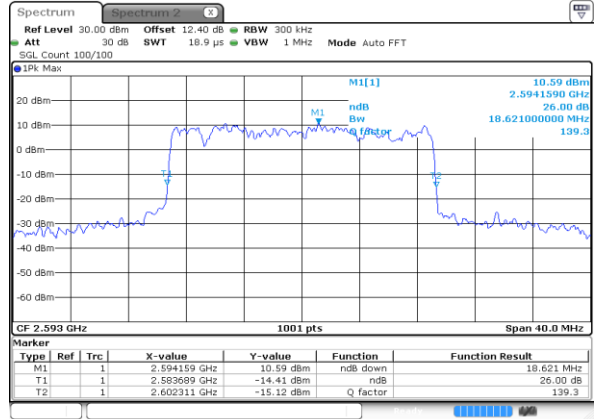
LTE Band 41

Middle Channel / 20MHz / QPSK



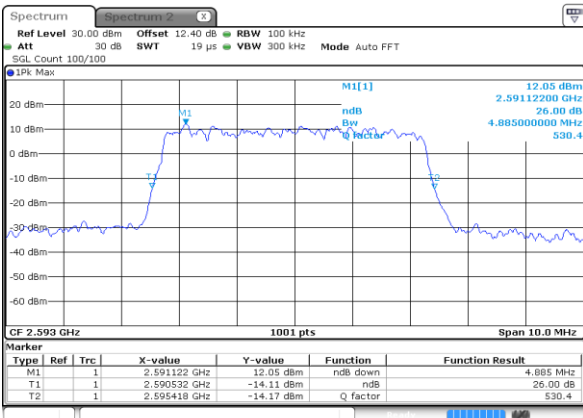
Date: 7 APR 2021 02:34:47

Middle Channel / 20MHz / 16QAM



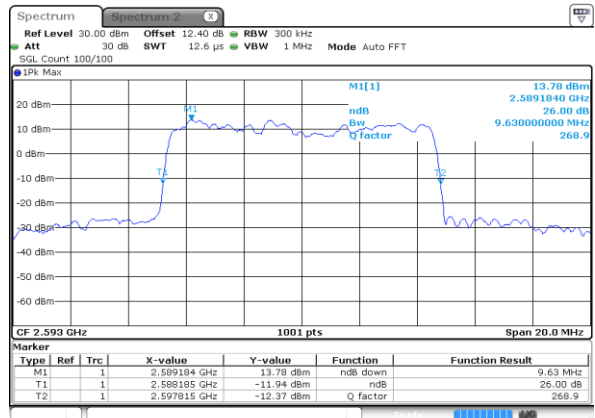
Date: 7 APR 2021 02:35:10

Middle Channel / 5MHz / 64QAM



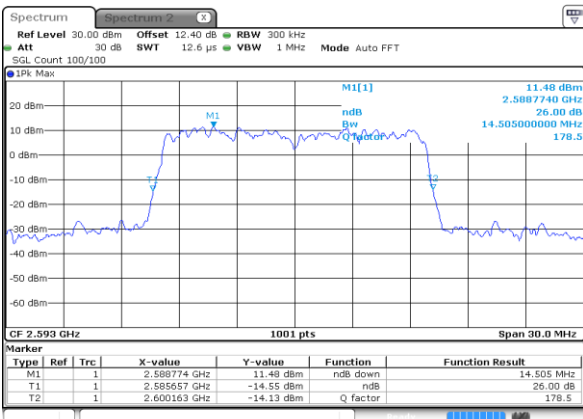
Date: 7 APR 2021 02:35:51

Middle Channel / 10MHz / 64QAM



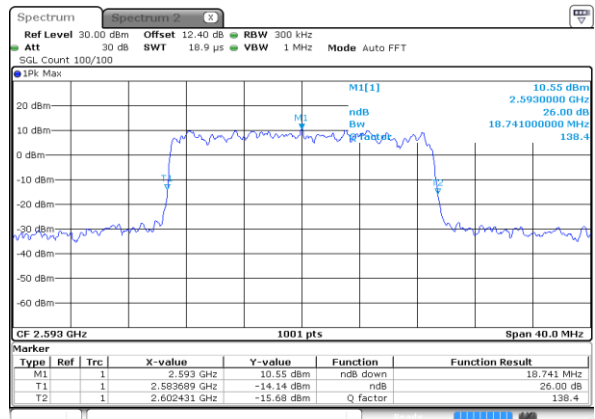
Date: 7 APR 2021 02:36:31

Middle Channel / 15MHz / 64QAM



Date: 7 APR 2021 02:37:11

Middle Channel / 20MHz / 64QAM



Date: 7 APR 2021 02:37:51



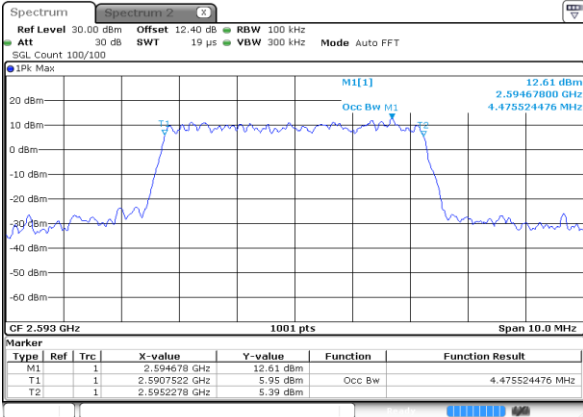
**Occupied Bandwidth**

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	-	-	-	-	4.48	4.48	8.99	9.01	13.52	13.46	17.94	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	-	-	-	-	4.49	-	8.97	-	13.43	-	17.86	-



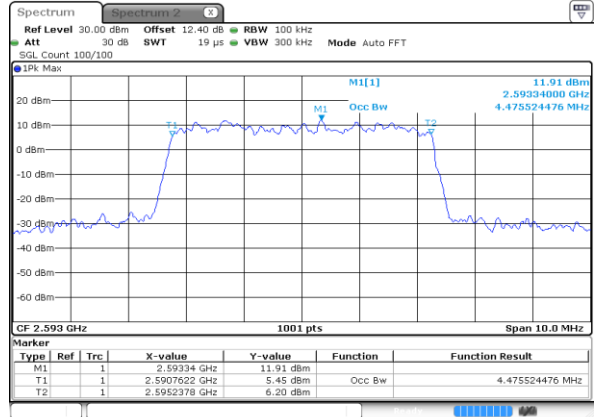
LTE Band 41

Middle Channel / 5MHz / QPSK



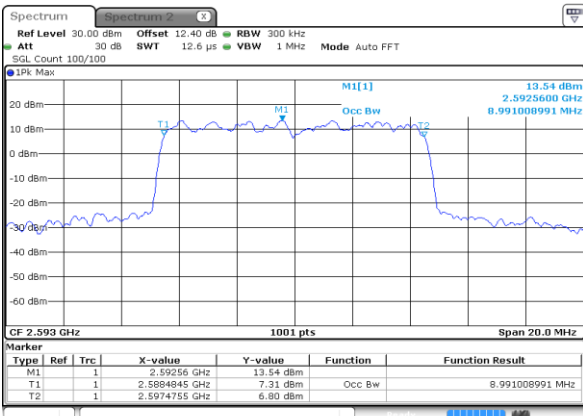
Date: 7 APR 2021 02:29:05

Middle Channel / 5MHz / 16QAM



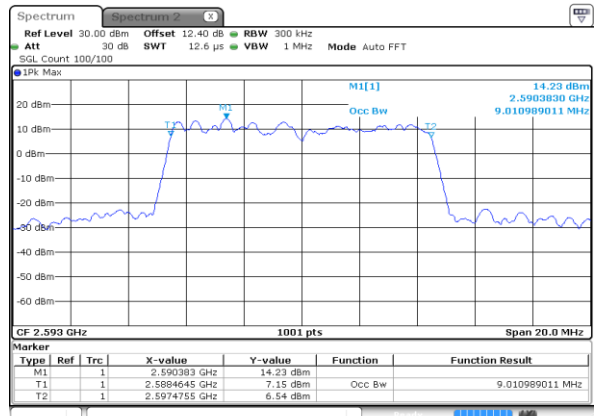
Date: 7 APR 2021 02:29:30

Middle Channel / 10MHz / QPSK



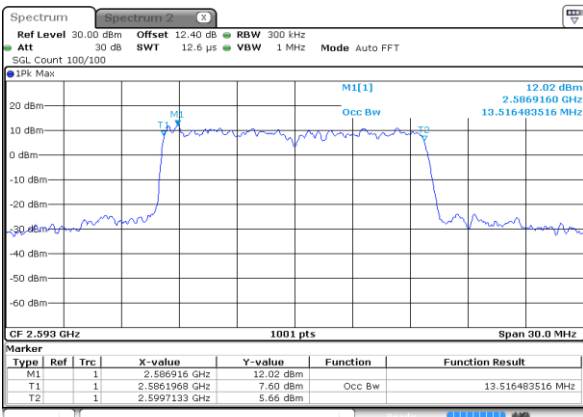
Date: 7 APR 2021 02:30:42

Middle Channel / 10MHz / 16QAM



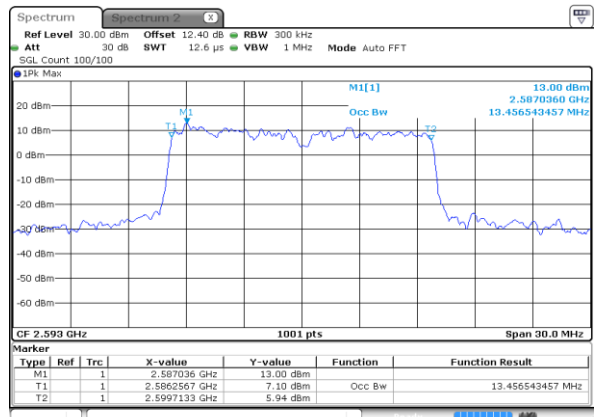
Date: 7 APR 2021 02:31:07

Middle Channel / 15MHz / QPSK



Date: 7 APR 2021 02:32:19

Middle Channel / 15MHz / 16QAM

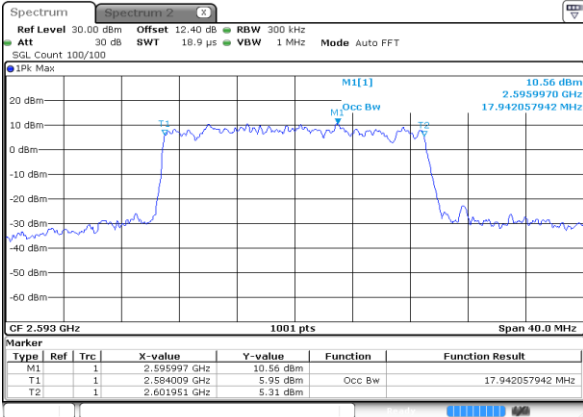


Date: 7 APR 2021 02:32:44



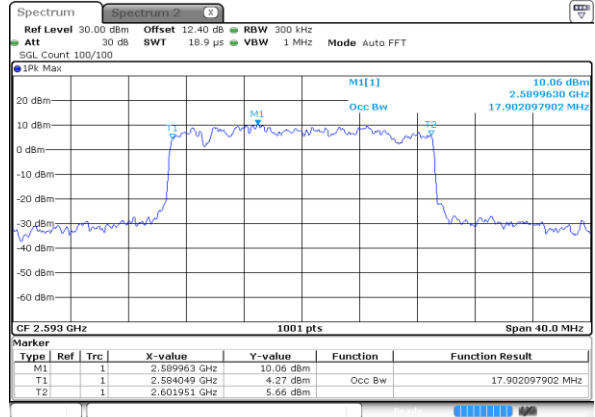
LTE Band 41

Middle Channel / 20MHz / QPSK



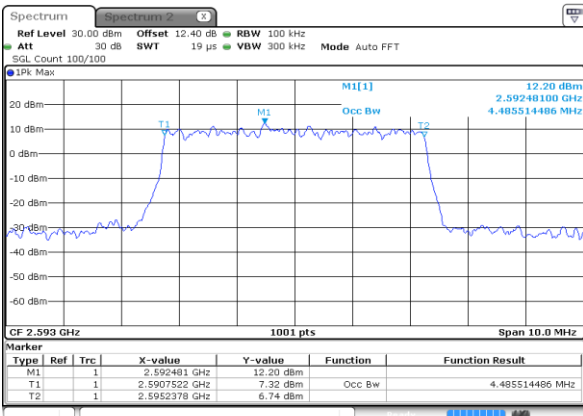
Date: 7 APR 2021 02:33:57

Middle Channel / 20MHz / 16QAM



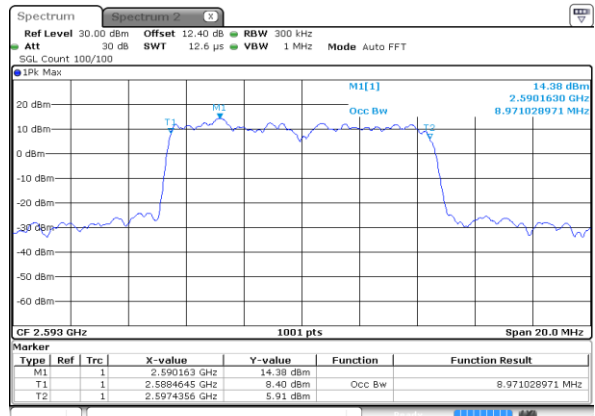
Date: 7 APR 2021 02:34:22

Middle Channel / 5MHz / 64QAM



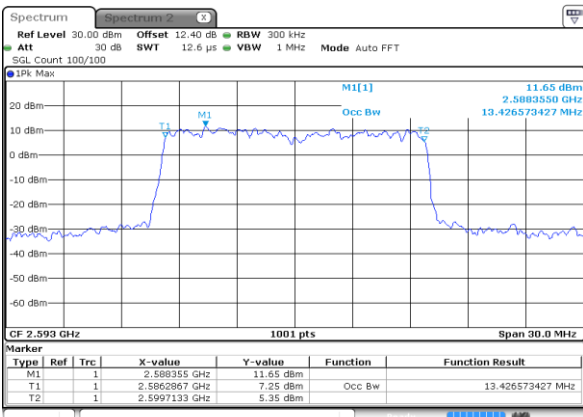
Date: 7 APR 2021 02:35:34

Middle Channel / 10MHz / 64QAM



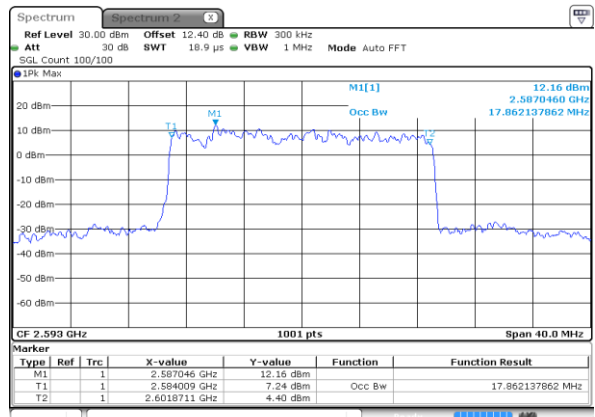
Date: 7 APR 2021 02:36:14

Middle Channel / 15MHz / 64QAM



Date: 7 APR 2021 02:36:55

Middle Channel / 20MHz / 64QAM



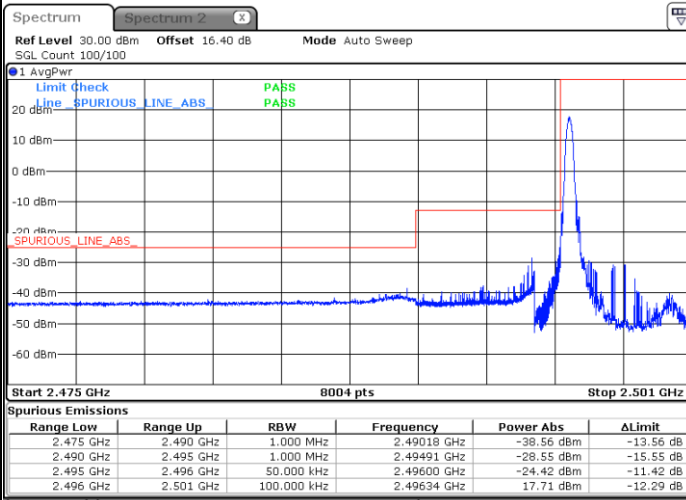
Date: 7 APR 2021 02:37:35



# Conducted Band Edge

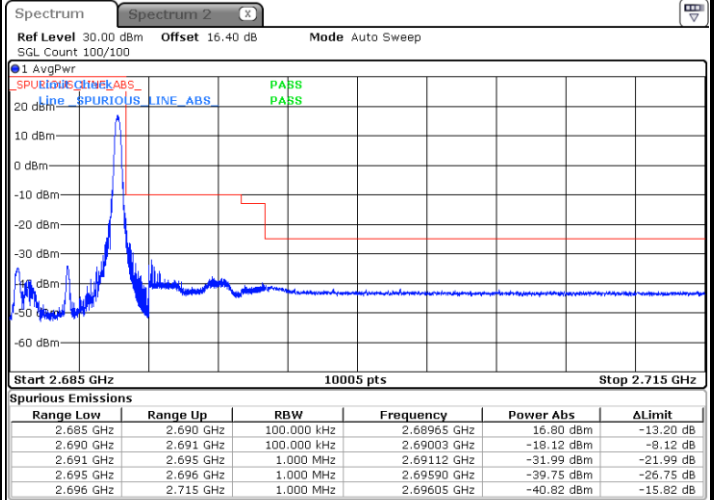
## LTE Band 41 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



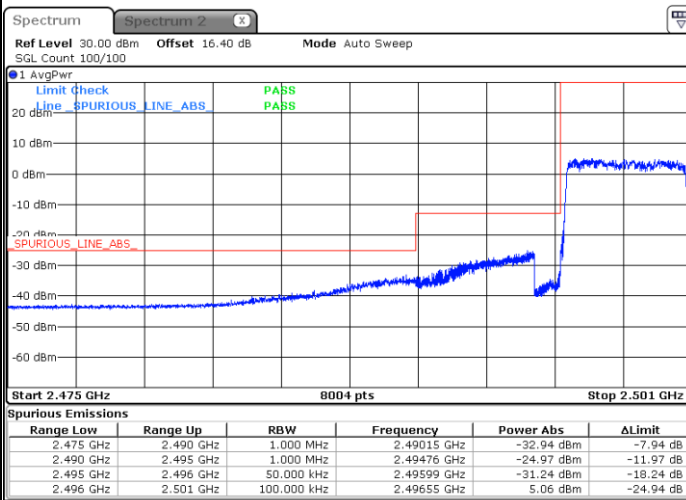
Date: 7 APR 2021 02:47:49

### Highest Band Edge / 1 RB



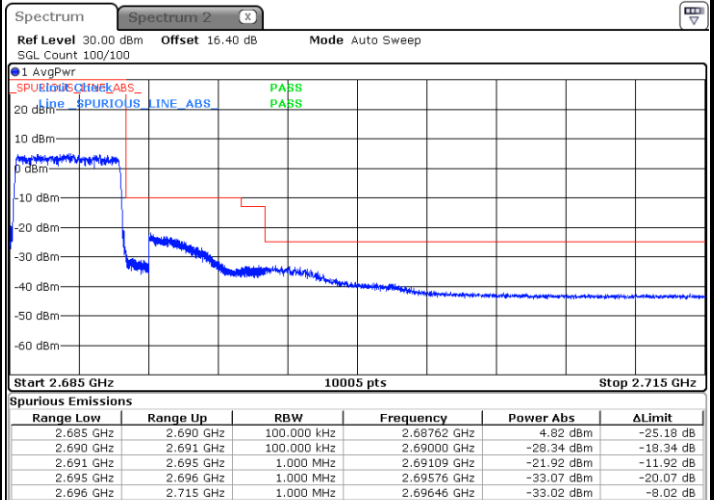
Date: 7 APR 2021 02:51:27

### Lowest Band Edge / Full RB



Date: 7 APR 2021 02:49:39

### Highest Band Edge / Full RB

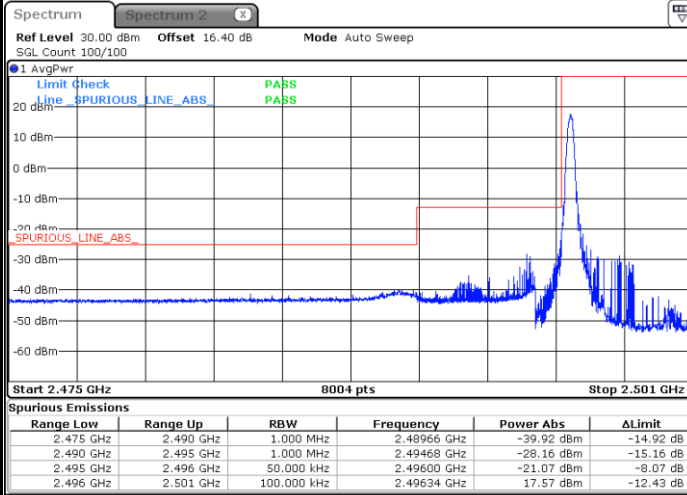


Date: 7 APR 2021 02:53:16



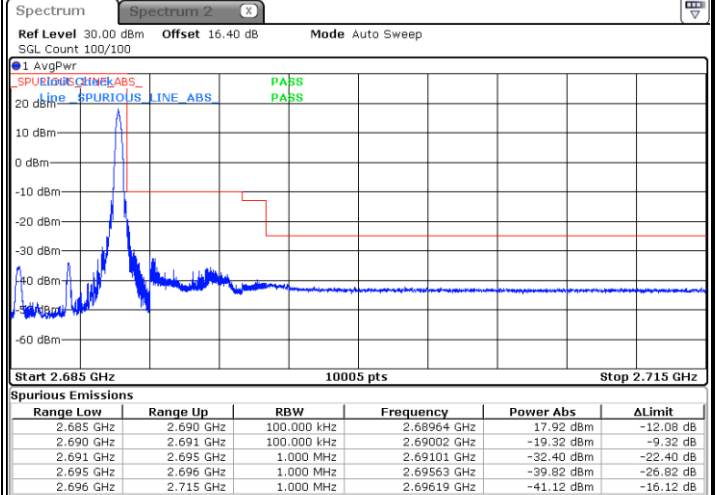
LTE Band 41 / 5MHz / 16QAM

Lowest Band Edge / 1RB



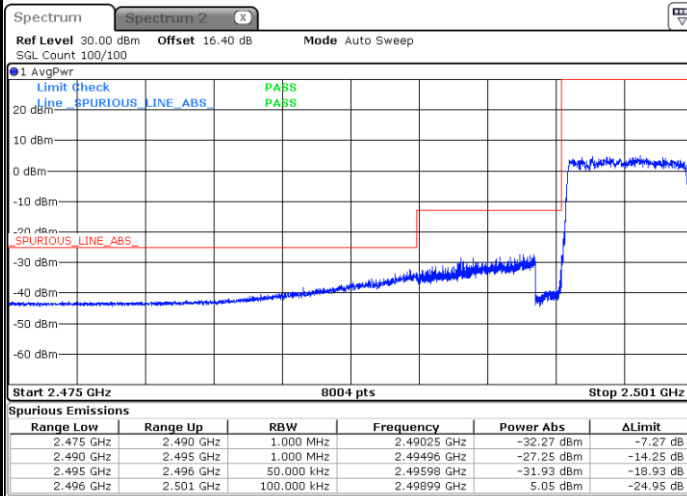
Date: 7 APR 2021 02:48:44

Highest Band Edge / 1 RB



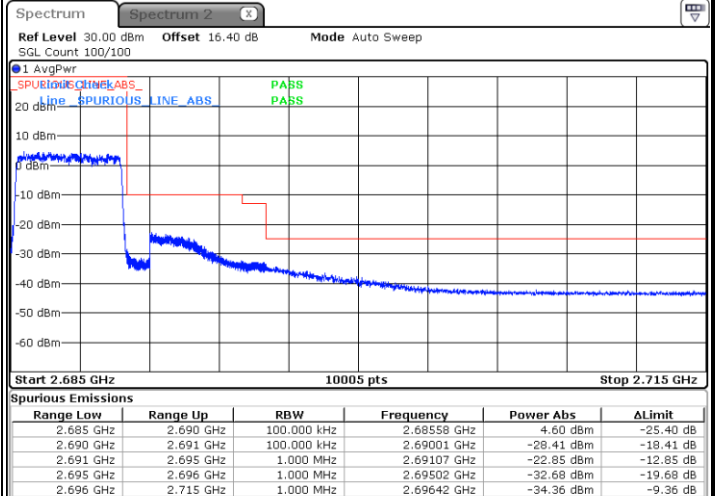
Date: 7 APR 2021 02:52:21

Lowest Band Edge / Full RB



Date: 7 APR 2021 02:50:32

Highest Band Edge / Full RB

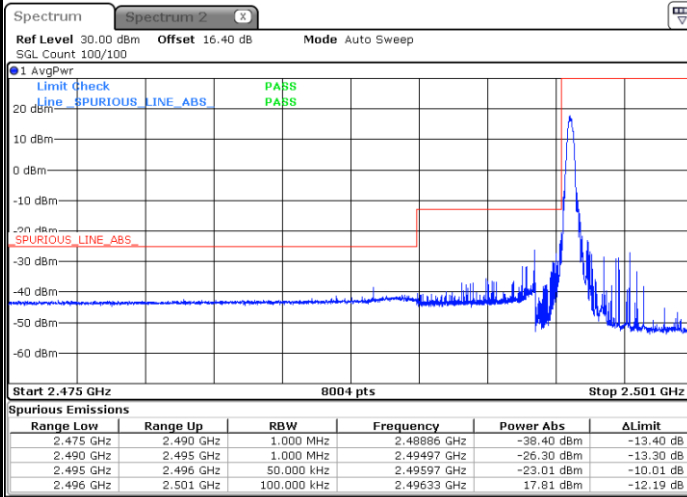


Date: 7 APR 2021 02:54:10



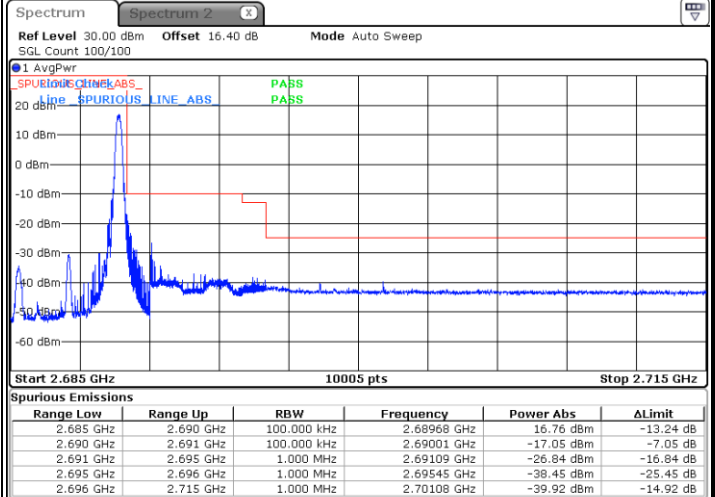
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



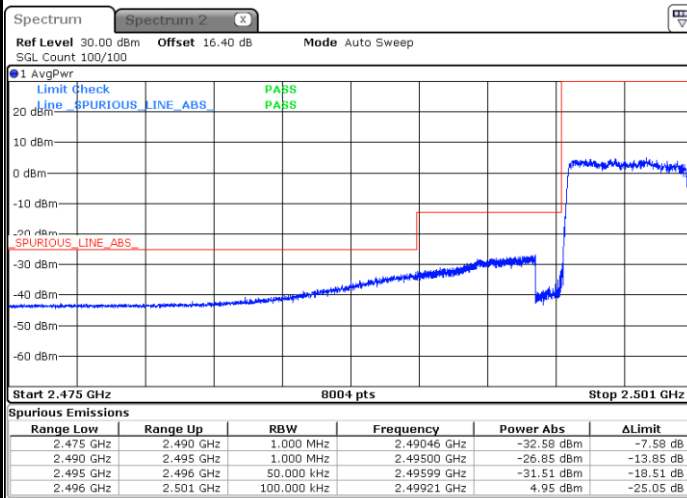
Date: 7 APR 2021 02:55:04

Highest Band Edge / 1 RB



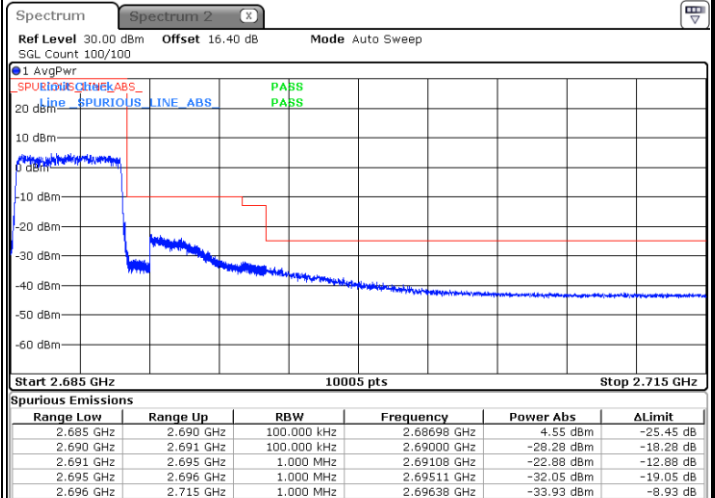
Date: 7 APR 2021 02:56:53

Lowest Band Edge / Full RB



Date: 7 APR 2021 02:55:58

Highest Band Edge / Full RB

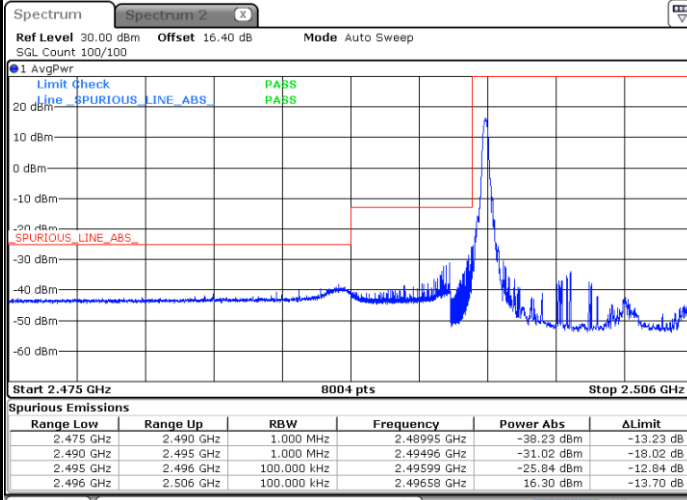


Date: 7 APR 2021 02:57:47



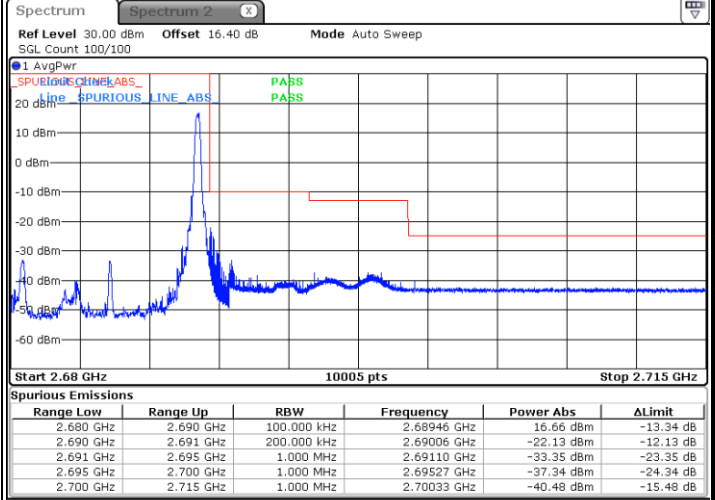
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



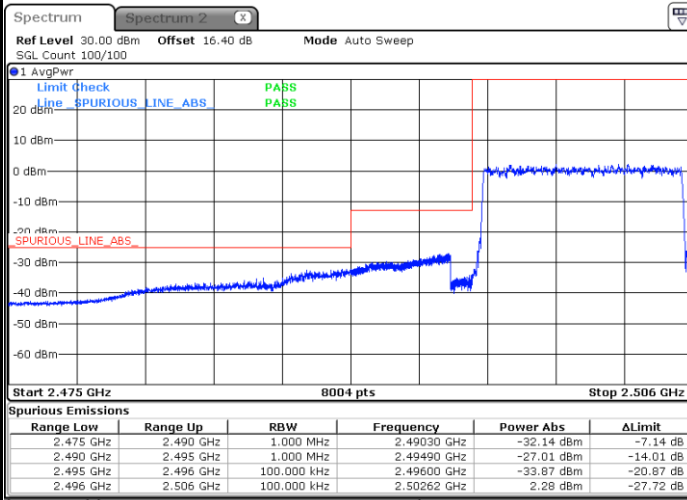
Date: 7 APR 2021 02:58:42

Highest Band Edge / 1 RB



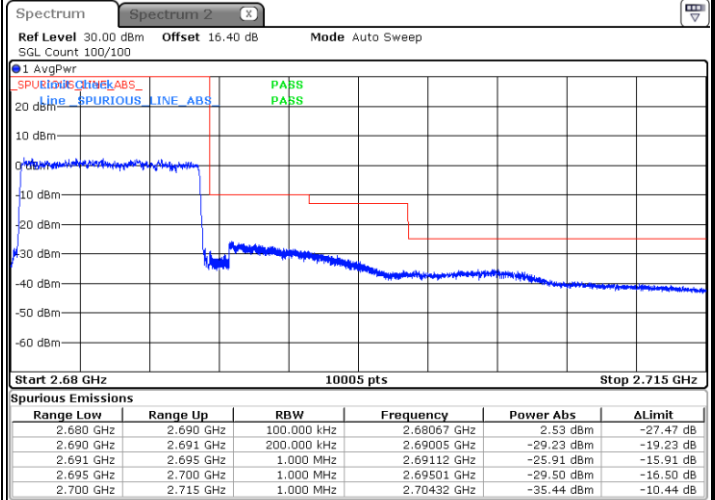
Date: 7 APR 2021 03:02:21

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:00:31

Highest Band Edge / Full RB



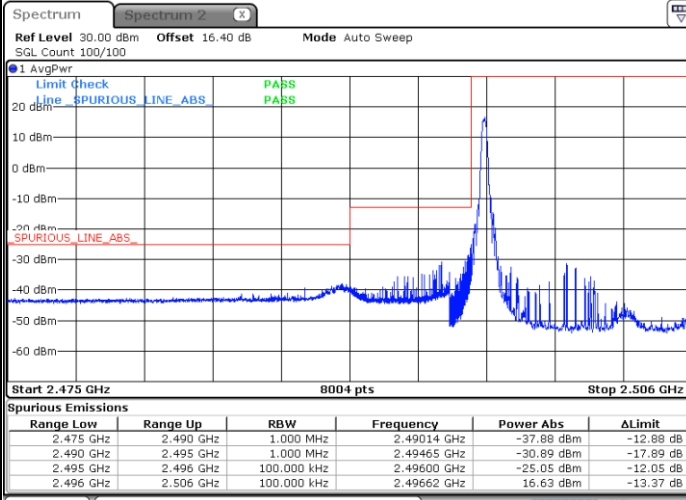
Date: 7 APR 2021 03:04:10





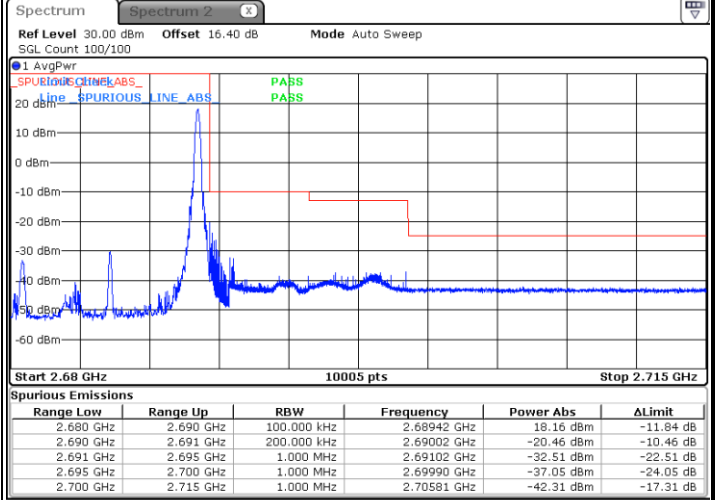
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



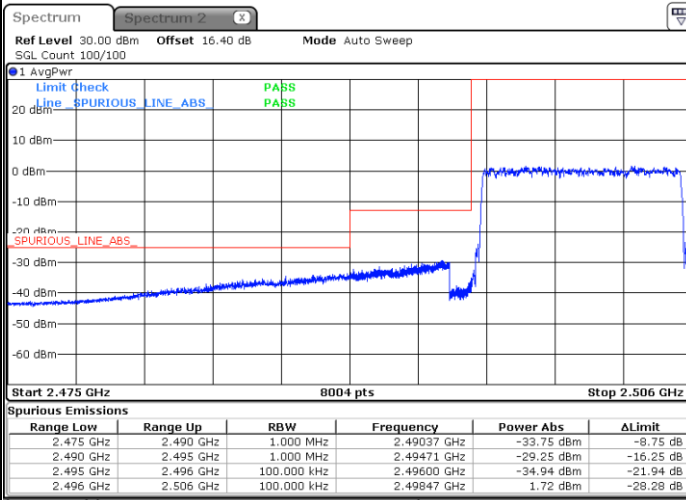
Date: 7 APR 2021 02:59:37

Highest Band Edge / 1 RB



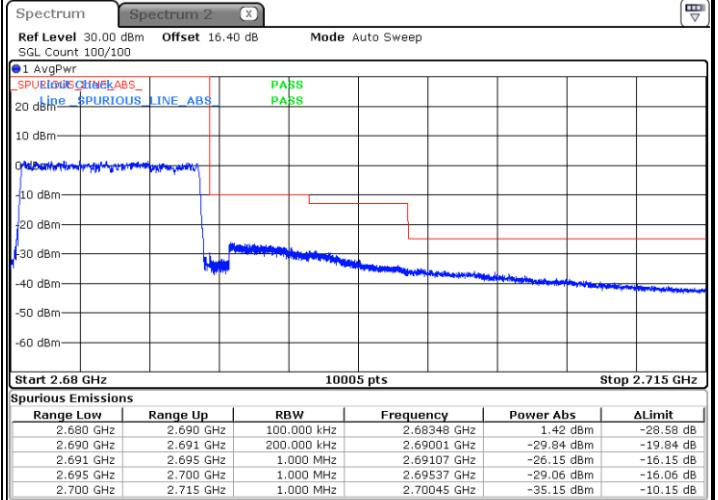
Date: 7 APR 2021 03:03:15

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:01:26

Highest Band Edge / Full RB

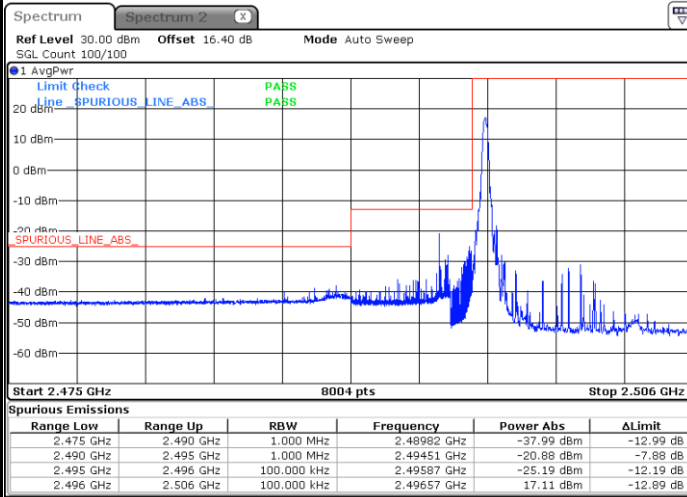


Date: 7 APR 2021 03:05:04



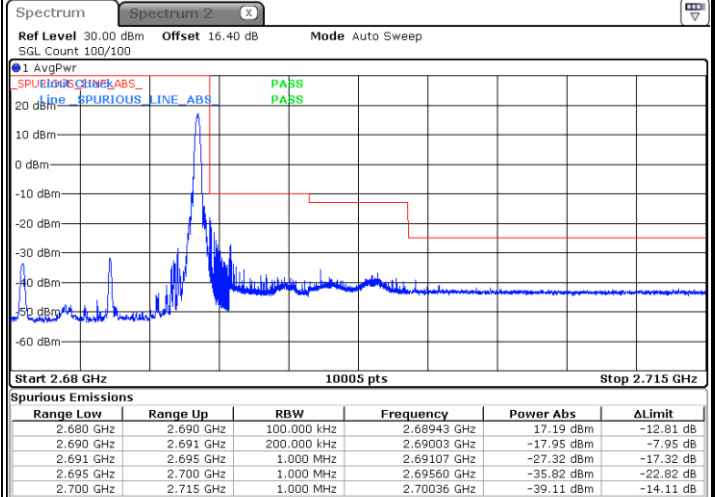
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



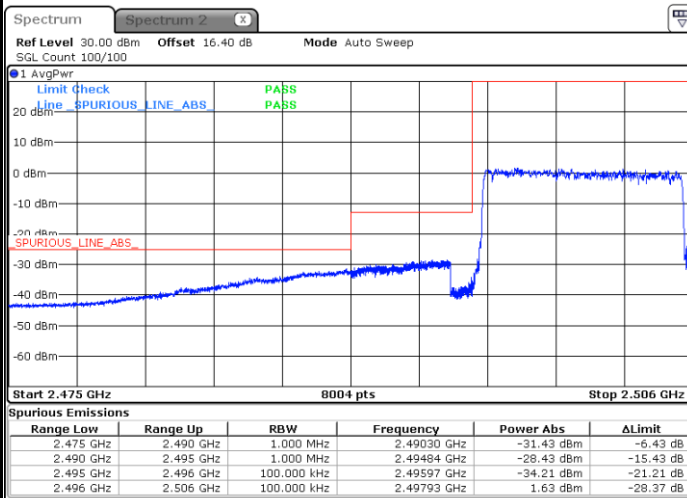
Date: 7 APR 2021 03:05:58

Highest Band Edge / 1 RB



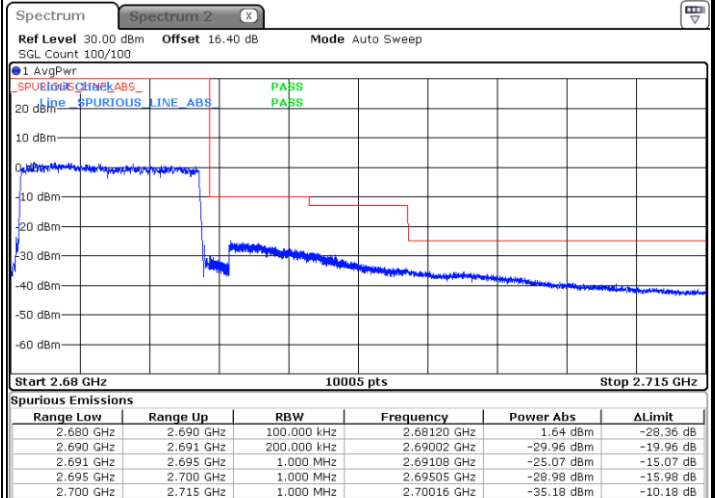
Date: 7 APR 2021 03:07:48

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:06:54

Highest Band Edge / Full RB

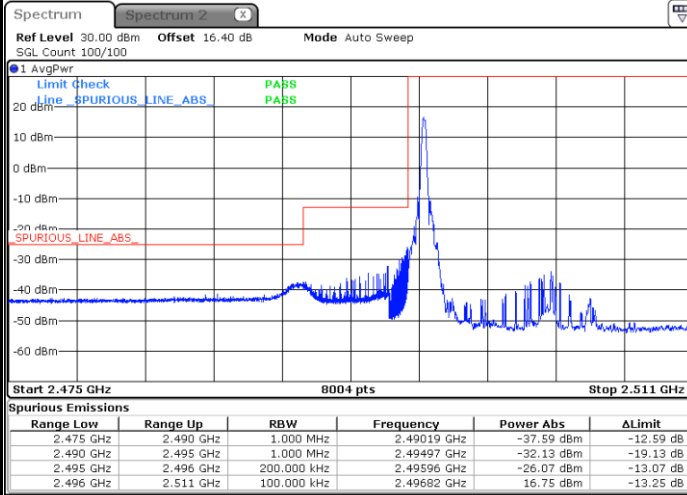


Date: 7 APR 2021 03:08:43



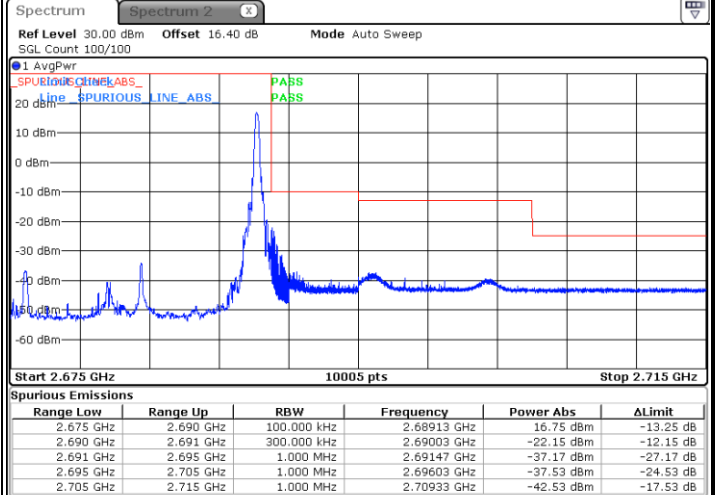
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



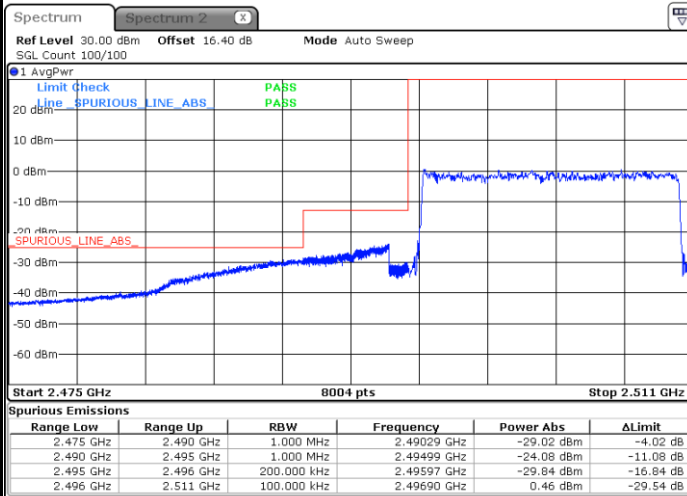
Date: 7 APR 2021 03:13:16

Highest Band Edge / 1 RB



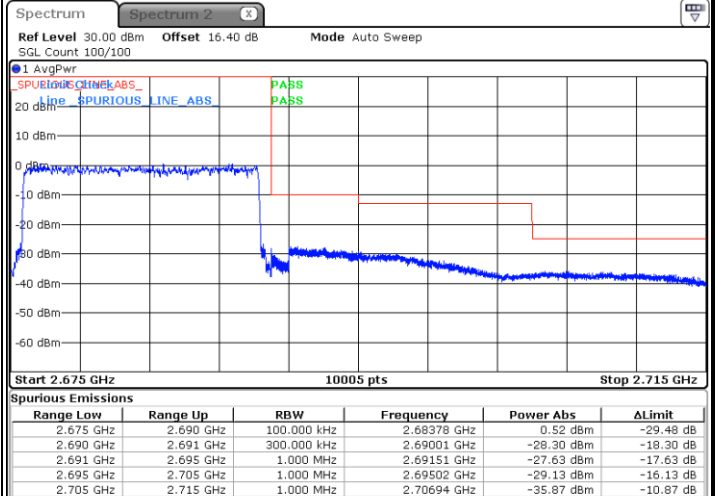
Date: 7 APR 2021 03:16:55

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:15:05

Highest Band Edge / Full RB

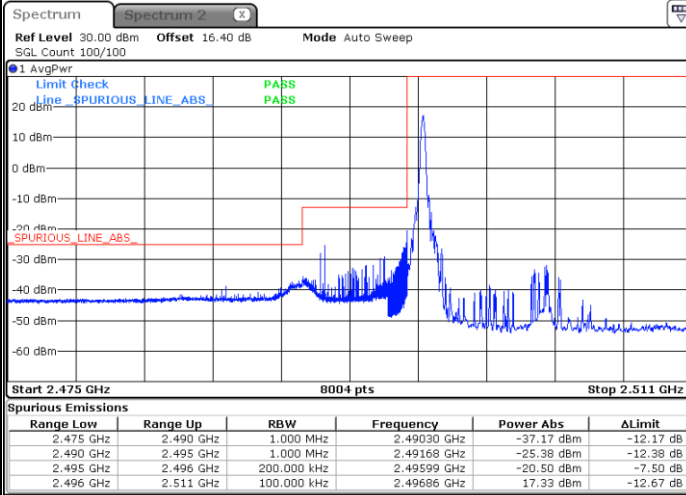


Date: 7 APR 2021 03:18:43



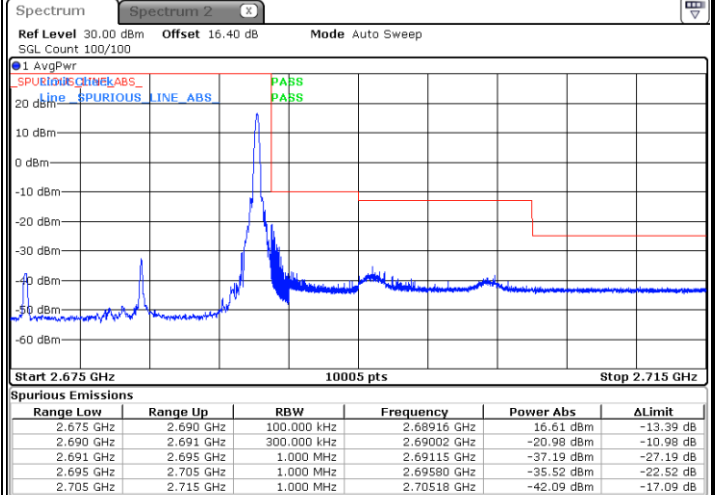
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



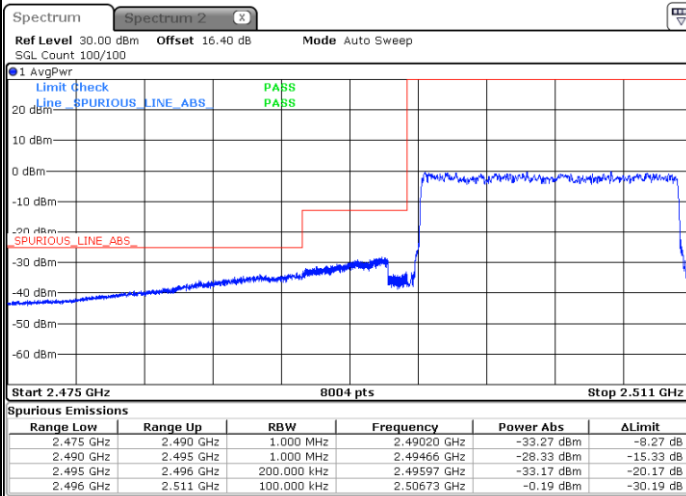
Date: 7 APR 2021 03:14:10

Highest Band Edge / 1 RB



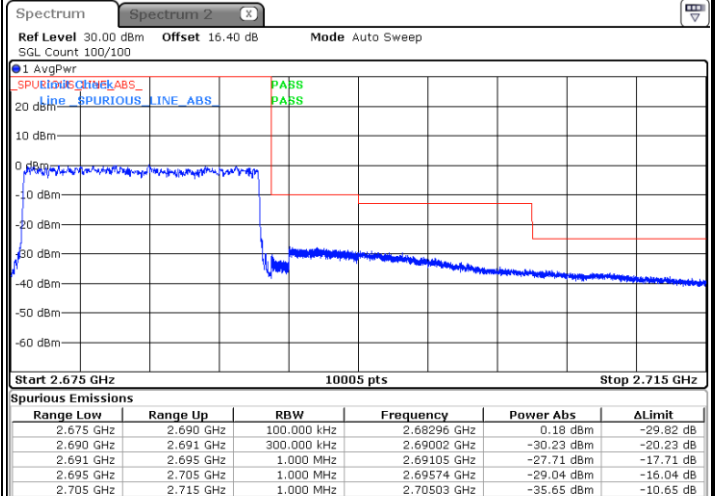
Date: 7 APR 2021 03:17:50

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:16:00

Highest Band Edge / Full RB

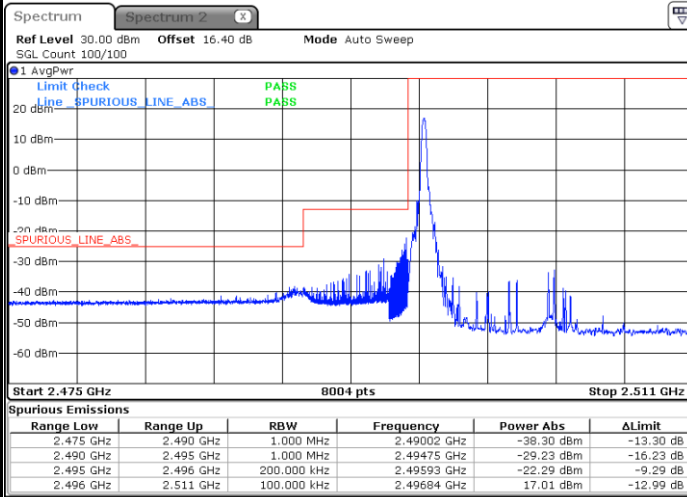


Date: 7 APR 2021 03:19:38



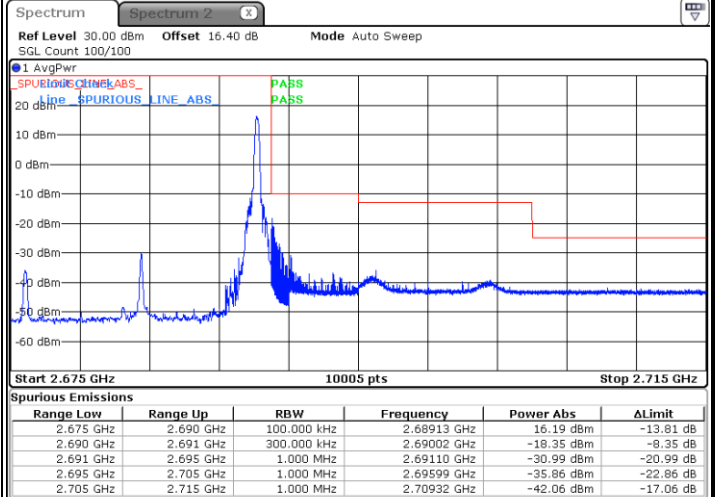
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



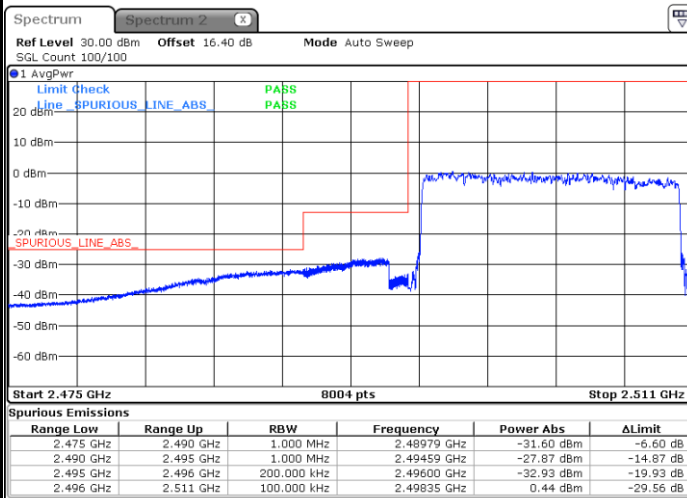
Date: 7 APR 2021 03:09:38

Highest Band Edge / 1 RB



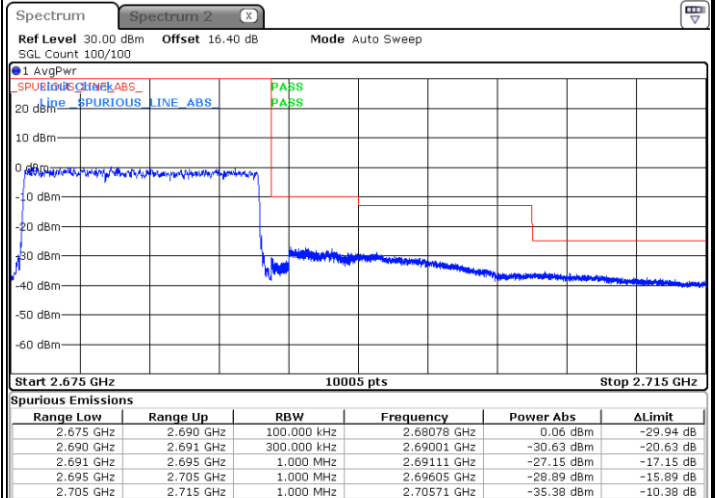
Date: 7 APR 2021 03:11:27

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:10:33

Highest Band Edge / Full RB



Date: 7 APR 2021 03:12:21