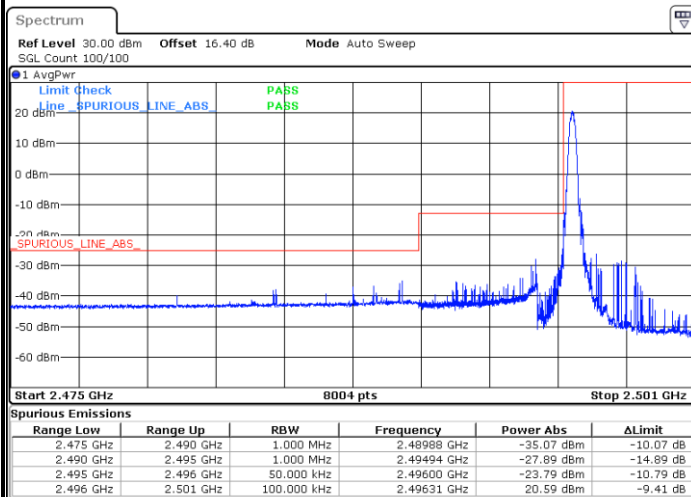




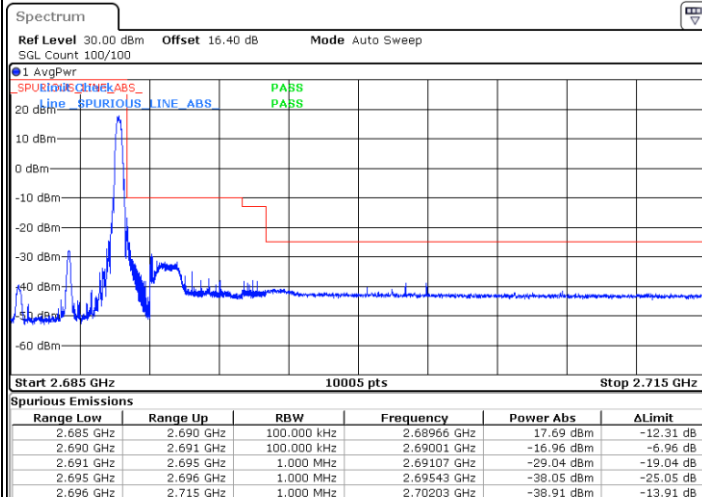
LTE Band 41 / 5MHz / 64QAM

Lowest Band Edge / 1RB



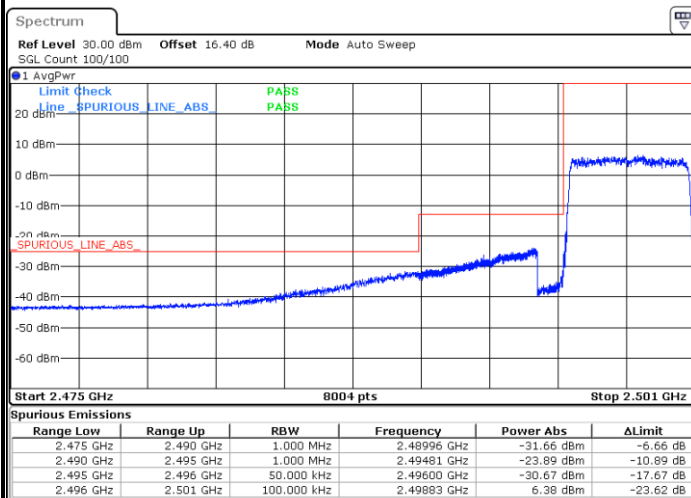
Date: 24 MAR 2021 20:06:29

Highest Band Edge / 1 RB



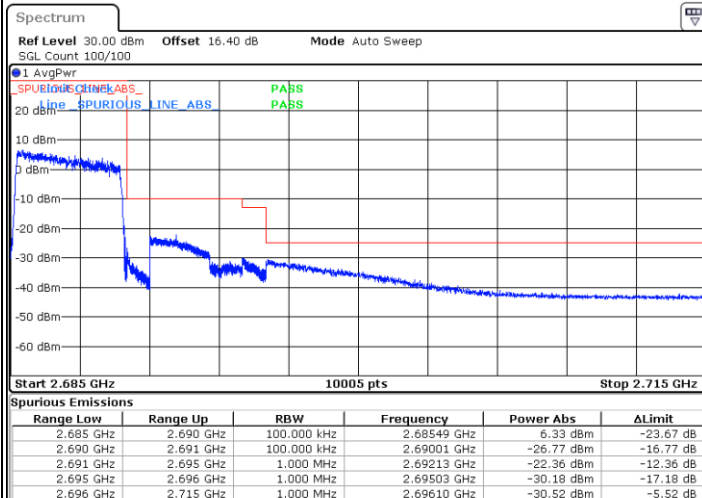
Date: 24 MAR 2021 20:08:07

Lowest Band Edge / Full RB



Date: 24 MAR 2021 20:07:18

Highest Band Edge / Full RB

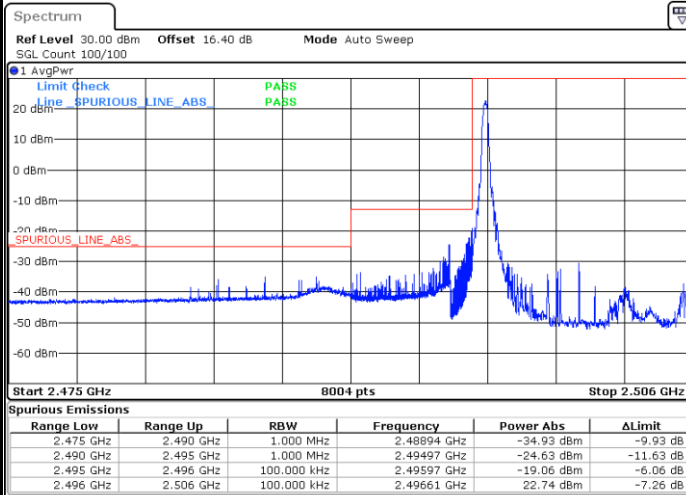


Date: 24 MAR 2021 20:08:57



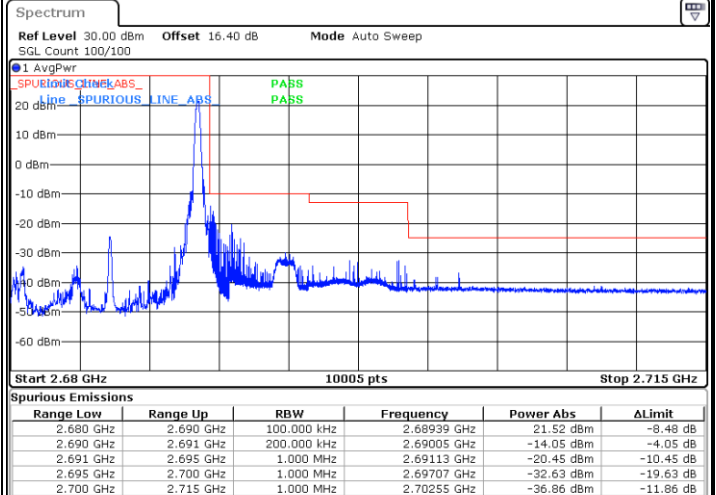
LTE Band 41 / 10MHz / QPSK

Lowest Band Edge / 1 RB



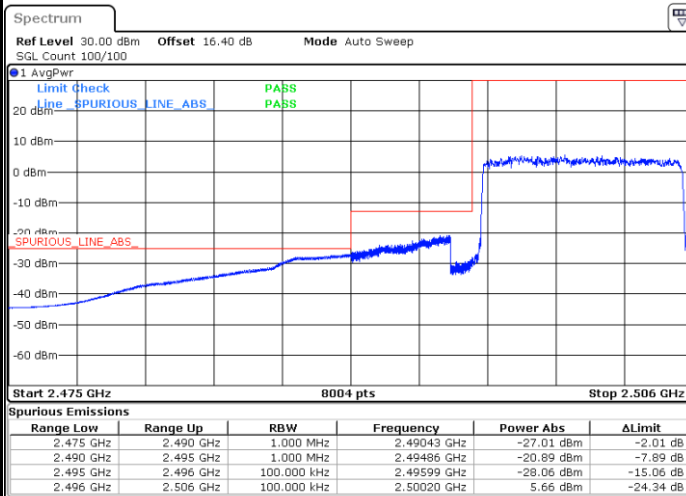
Date: 24 MAR 2021 01:16:52

Highest Band Edge / 1 RB



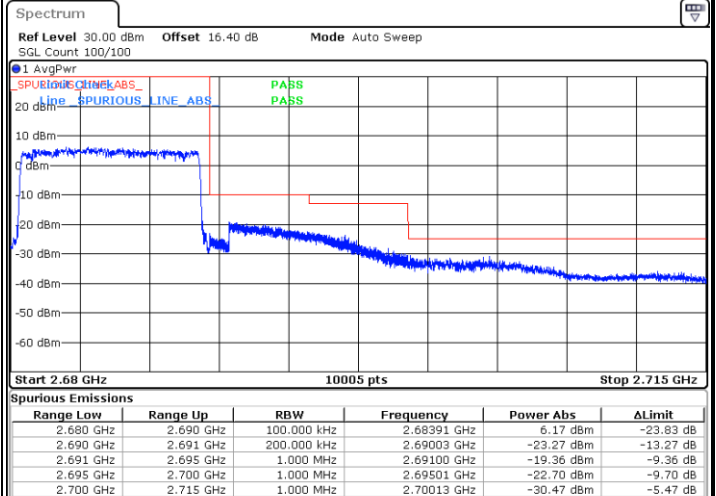
Date: 24 MAR 2021 01:20:09

Lowest Band Edge / Full RB



Date: 6 APR 2021 16:25:45

Highest Band Edge / Full RB

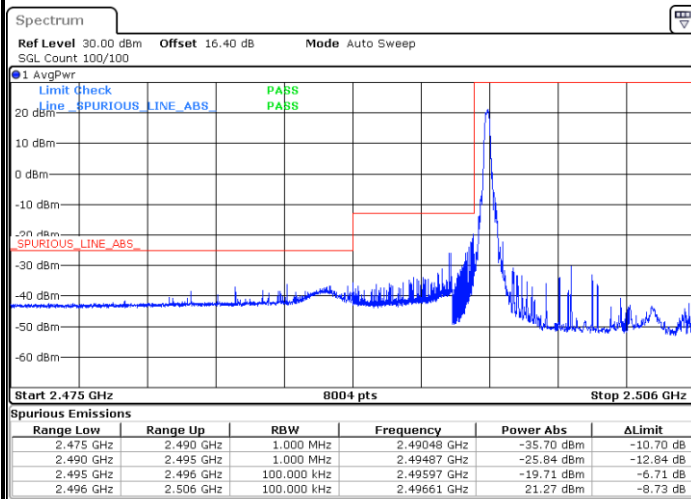


Date: 24 MAR 2021 01:21:48



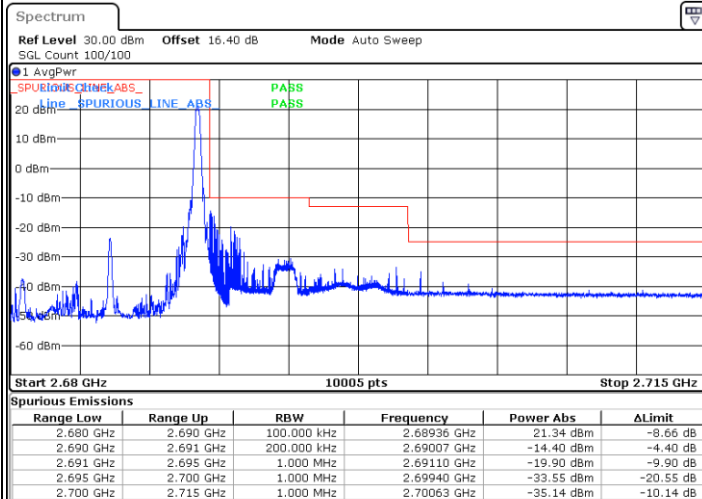
LTE Band 41 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



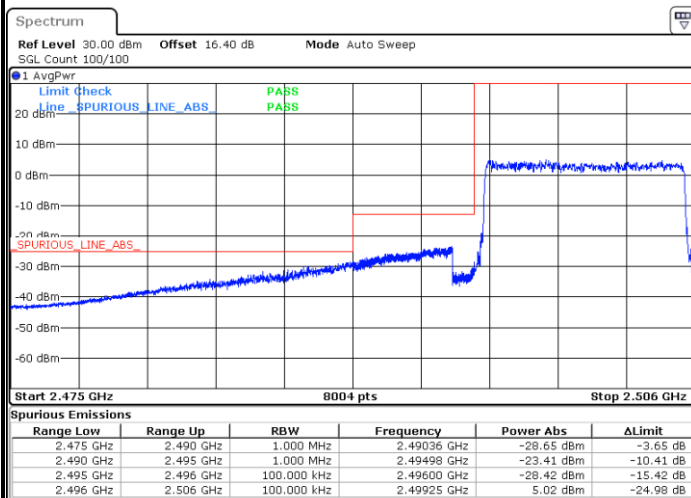
Date: 24 MAR 2021 01:17:42

Highest Band Edge / 1 RB



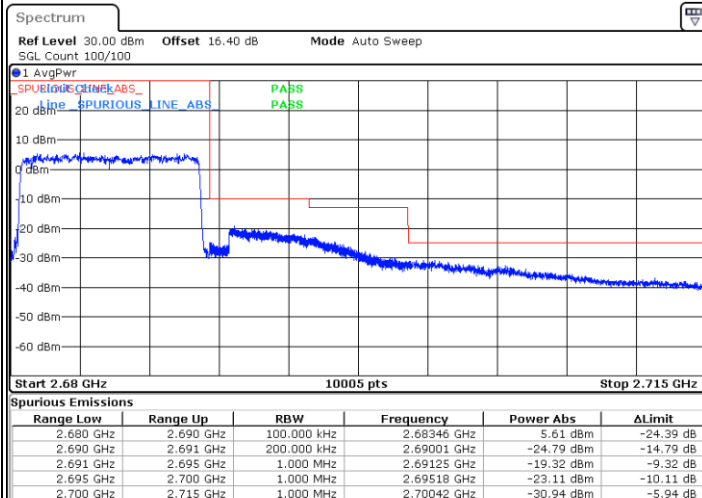
Date: 24 MAR 2021 01:20:59

Lowest Band Edge / Full RB



Date: 25 MAR 2021 03:32:58

Highest Band Edge / Full RB

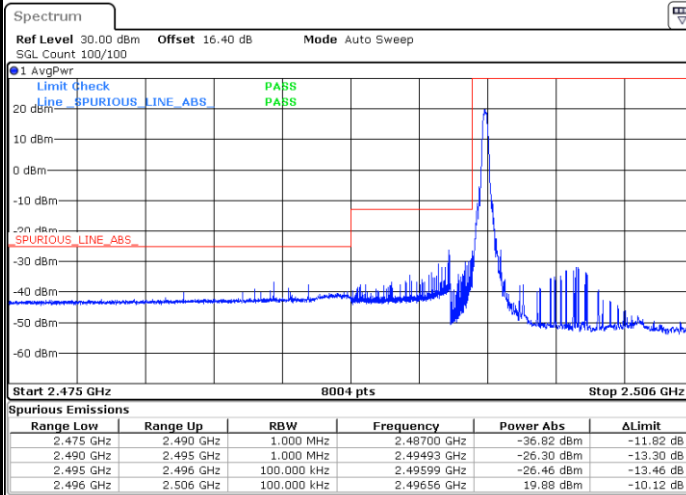


Date: 24 MAR 2021 01:22:37



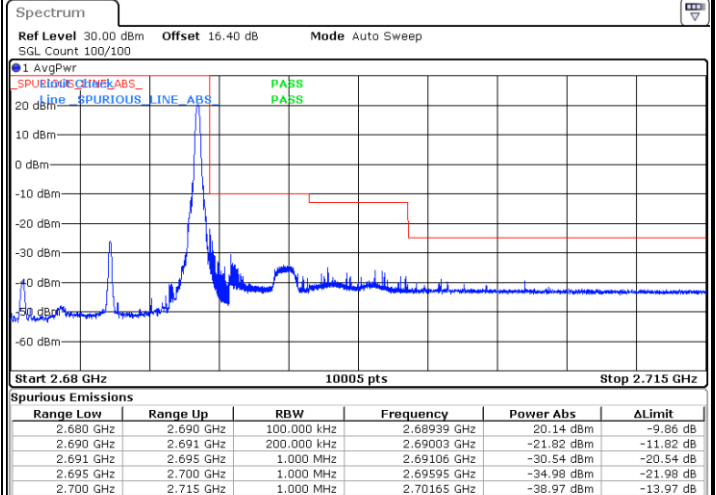
LTE Band 41 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



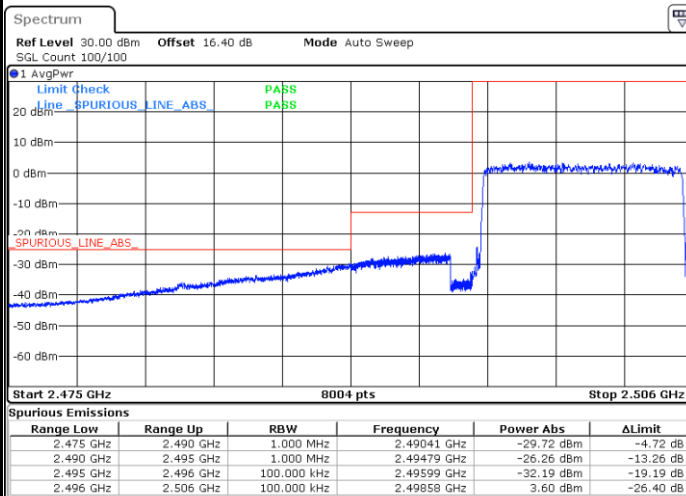
Date: 24 MAR 2021 20:10:25

Highest Band Edge / 1 RB



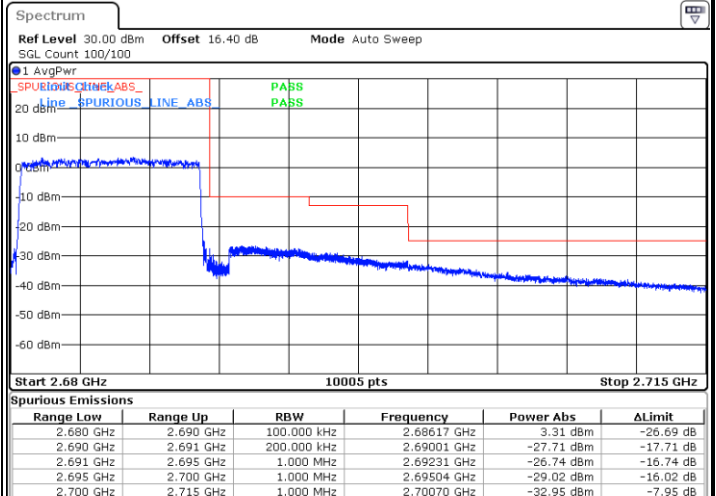
Date: 24 MAR 2021 20:12:04

Lowest Band Edge / Full RB



Date: 24 MAR 2021 20:11:15

Highest Band Edge / Full RB

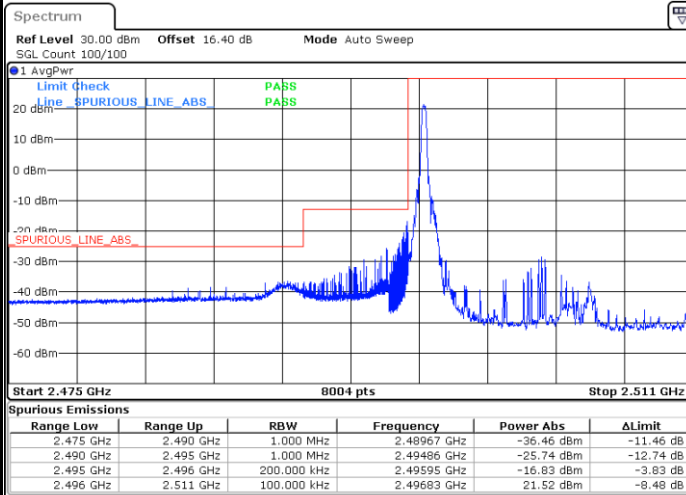


Date: 24 MAR 2021 20:12:53



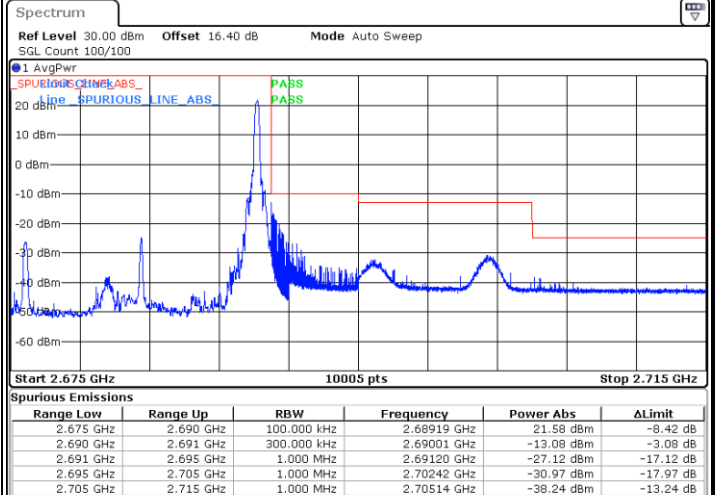
LTE Band 41 / 15MHz / QPSK

Lowest Band Edge / 1 RB



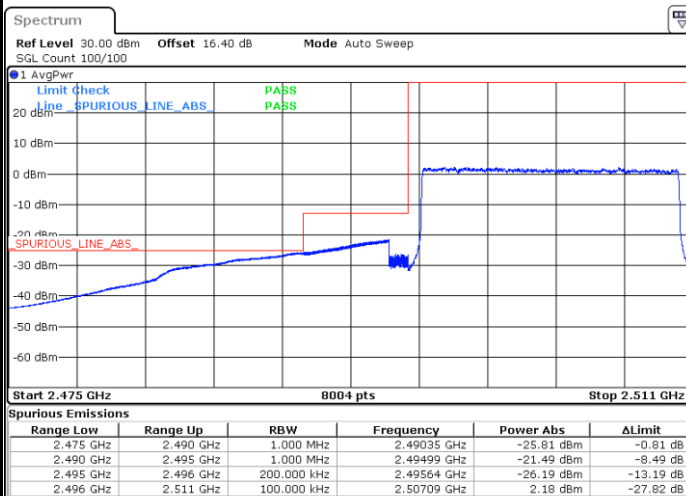
Date: 24 MAR 2021 01:36:08

Highest Band Edge / 1 RB



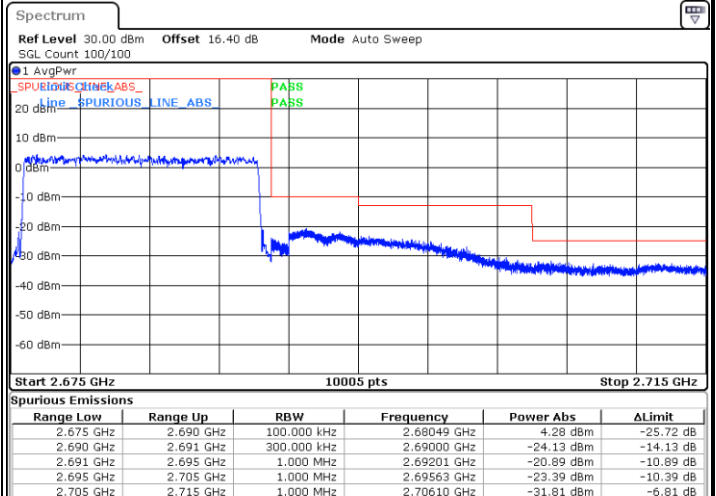
Date: 24 MAR 2021 01:39:24

Lowest Band Edge / Full RB



Date: 6 APR 2021 16:22:27

Highest Band Edge / Full RB

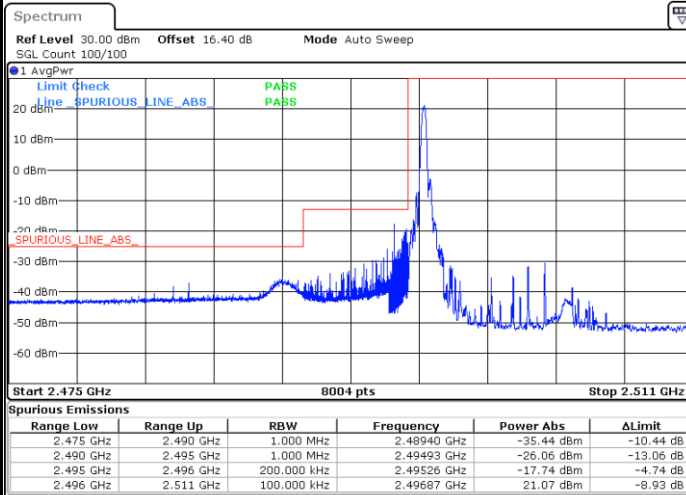


Date: 24 MAR 2021 01:41:02



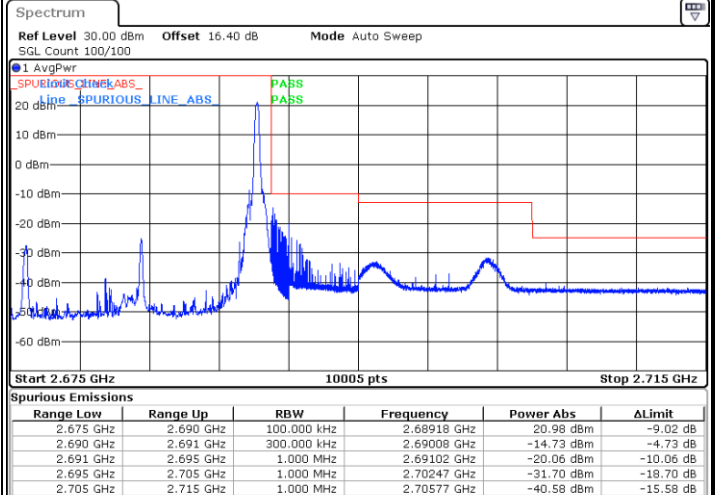
LTE Band 41 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



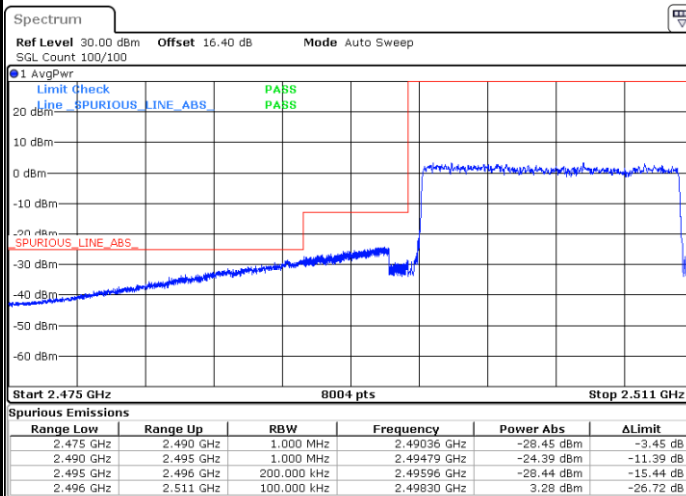
Date: 24 MAR 2021 01:36:57

Highest Band Edge / 1 RB



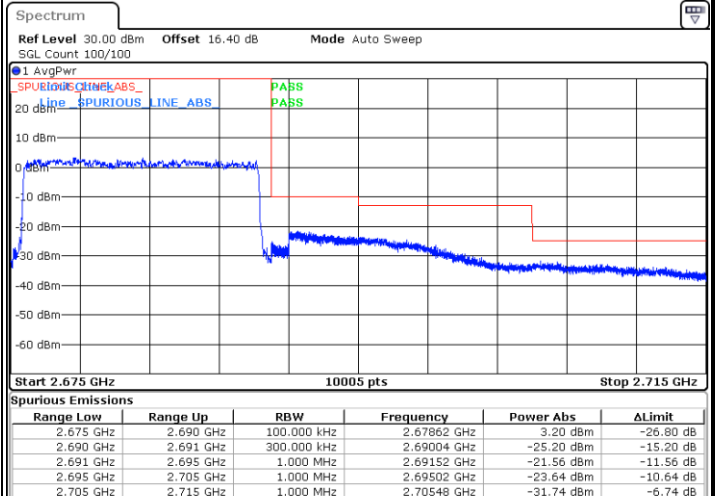
Date: 24 MAR 2021 01:40:13

Lowest Band Edge / Full RB



Date: 25 MAR 2021 03:34:48

Highest Band Edge / Full RB

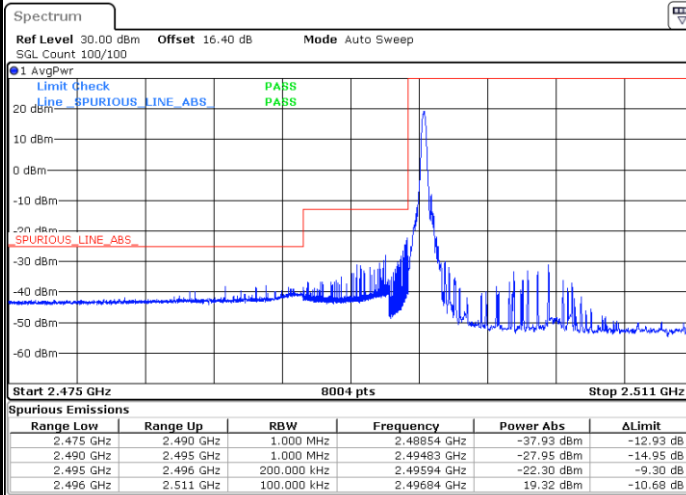


Date: 24 MAR 2021 01:41:51



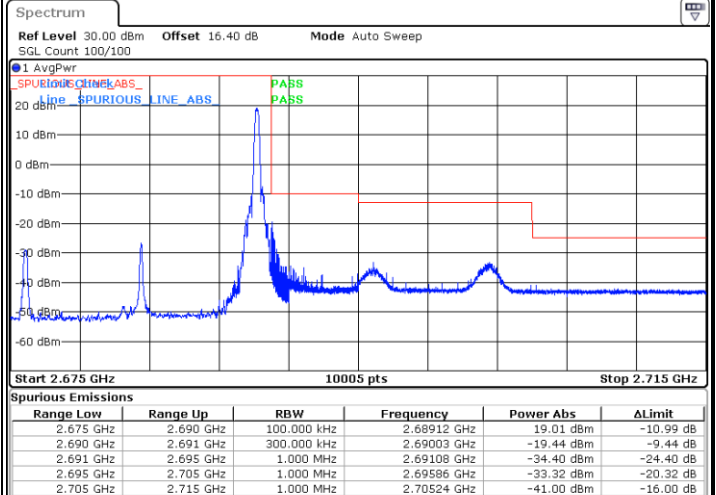
LTE Band 41 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



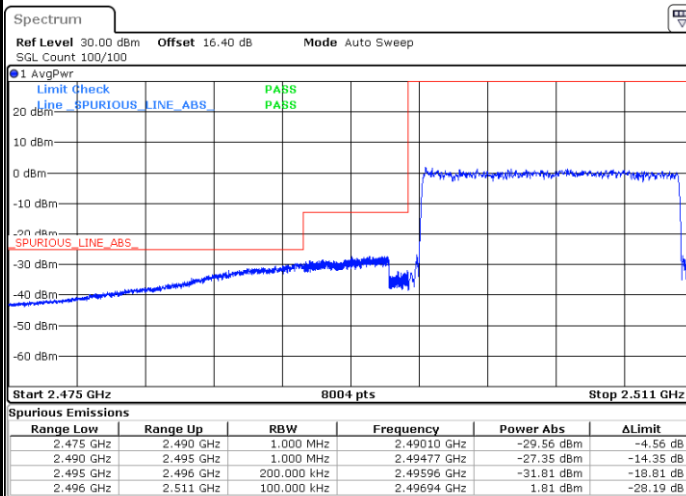
Date: 24 MAR 2021 20:14:22

Highest Band Edge / 1 RB



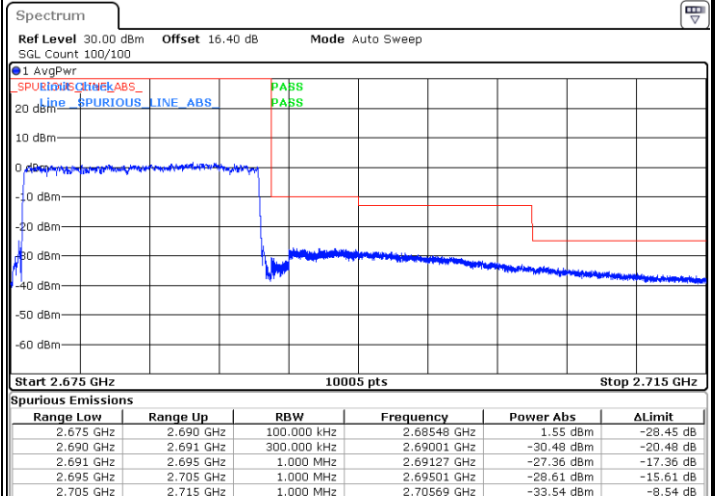
Date: 24 MAR 2021 20:16:00

Lowest Band Edge / Full RB



Date: 24 MAR 2021 20:15:11

Highest Band Edge / Full RB

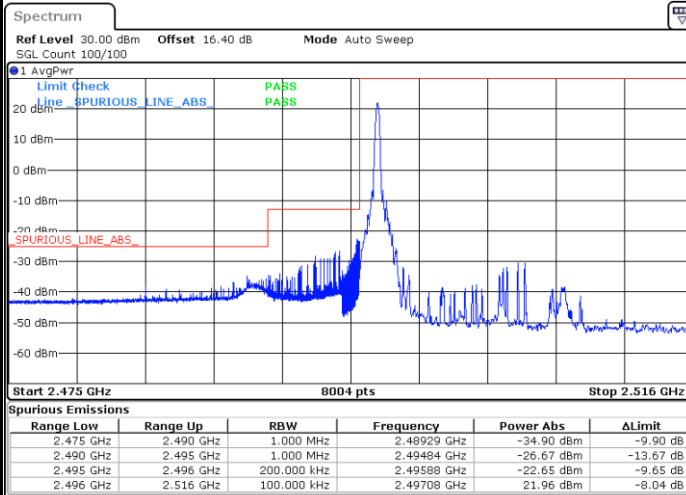


Date: 24 MAR 2021 20:16:49



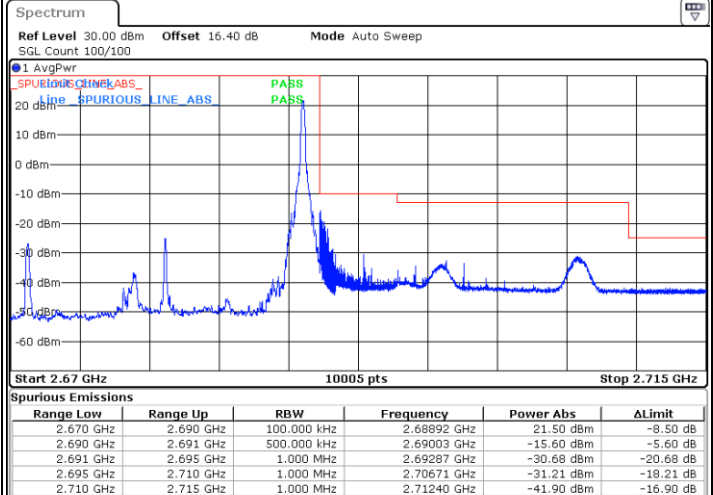
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



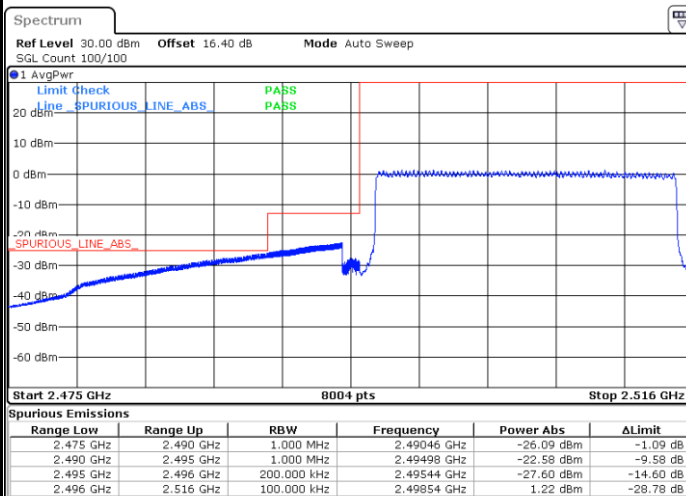
Date: 24 MAR 2021 01:48:48

Highest Band Edge / 1 RB



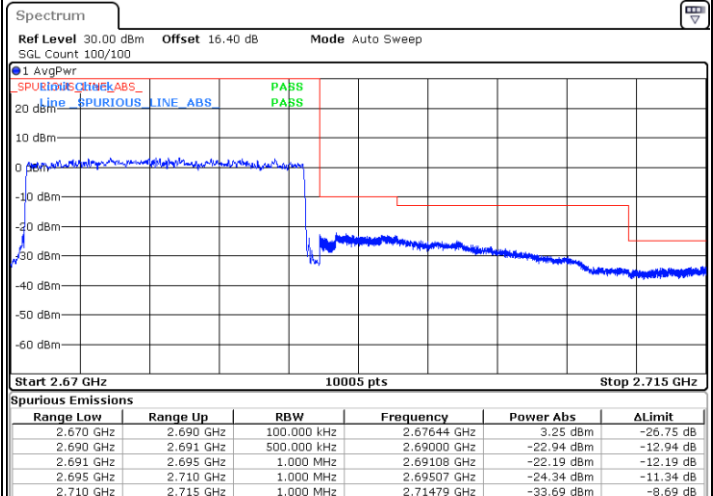
Date: 25 MAR 2021 03:46:46

Lowest Band Edge / Full RB



Date: 6 APR 2021 16:15:45

Highest Band Edge / Full RB

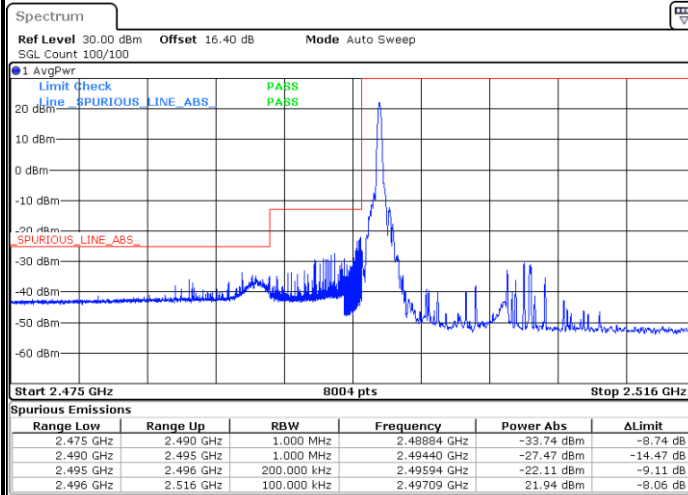


Date: 24 MAR 2021 01:54:30



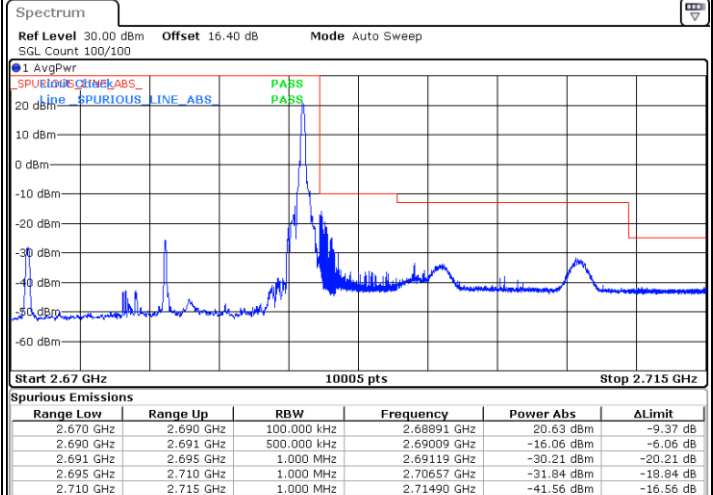
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



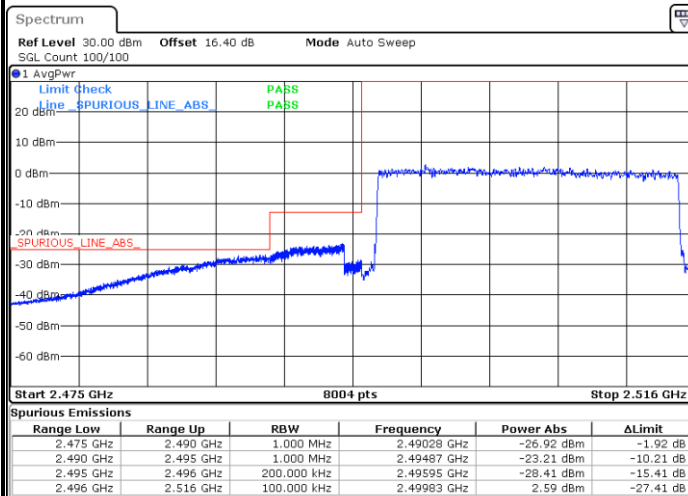
Date: 24 MAR 2021 01:49:37

Highest Band Edge / 1 RB



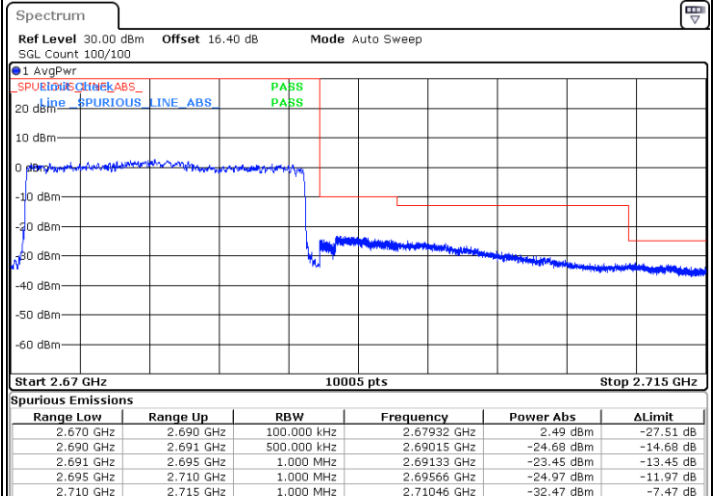
Date: 24 MAR 2021 01:52:53

Lowest Band Edge / Full RB



Date: 24 MAR 2021 01:51:15

Highest Band Edge / Full RB

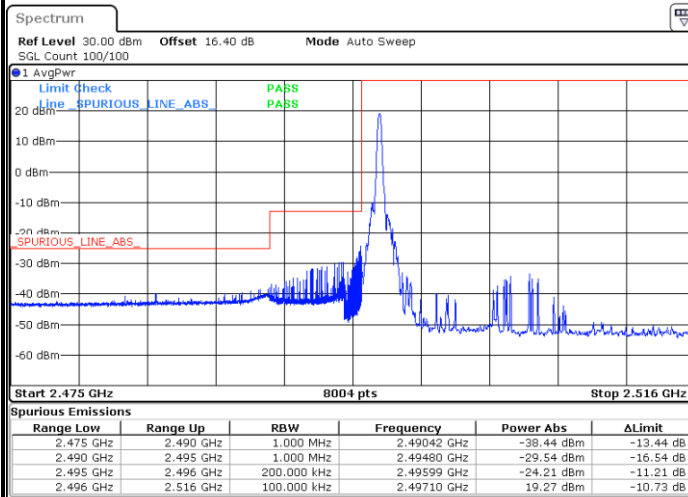


Date: 24 MAR 2021 01:53:42



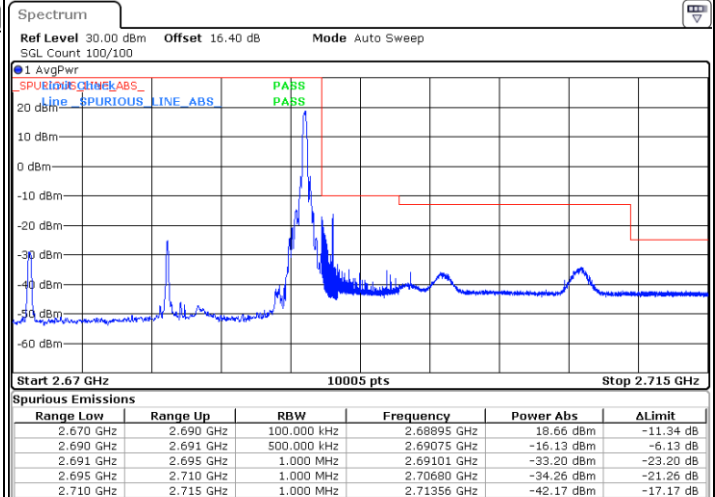
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



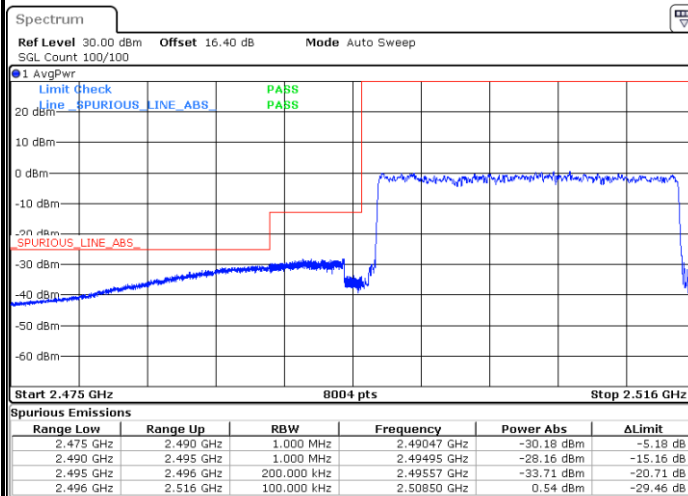
Date: 24 MAR 2021 20:18:18

Highest Band Edge / 1 RB



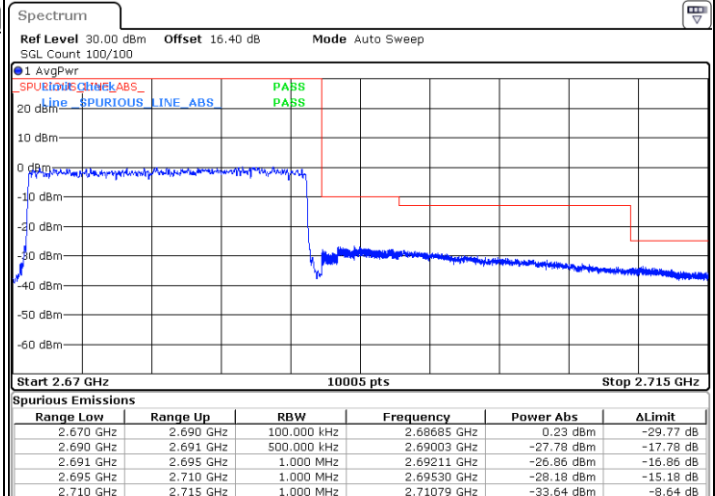
Date: 24 MAR 2021 20:19:57

Lowest Band Edge / Full RB



Date: 24 MAR 2021 20:19:07

Highest Band Edge / Full RB



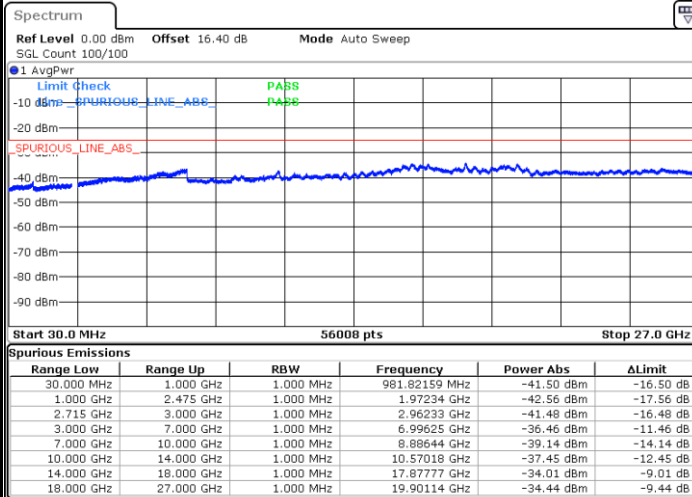
Date: 24 MAR 2021 20:20:45



Conducted Spurious Emission

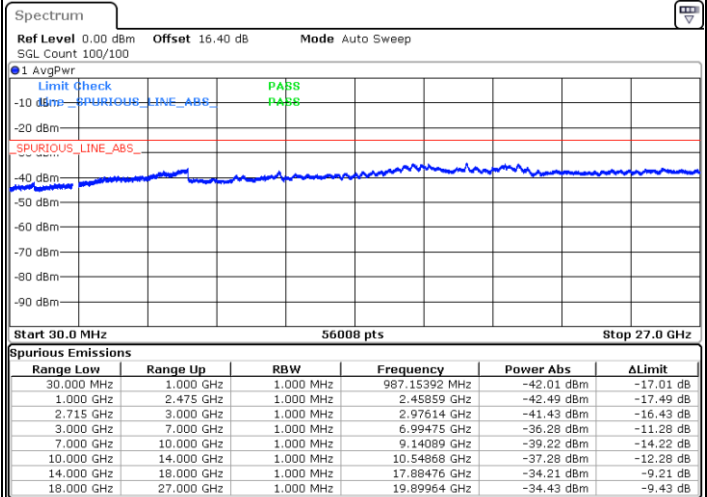
LTE Band 41 / 5MHz

Lowest Channel / QPSK



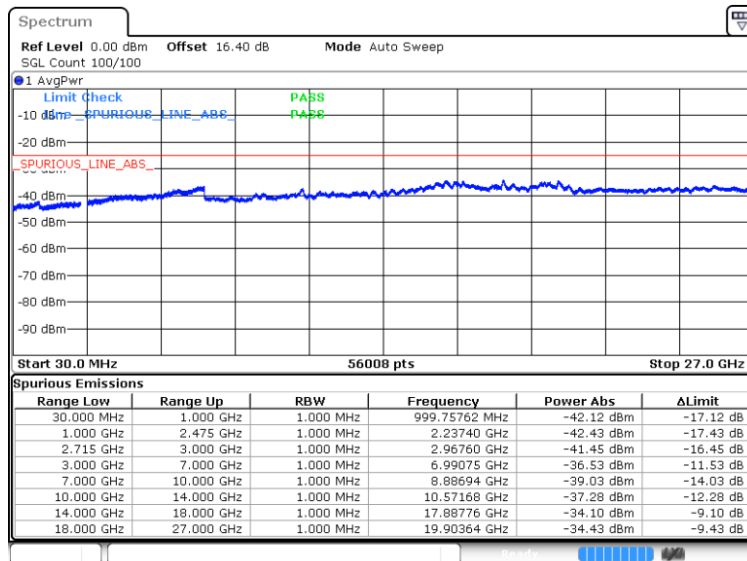
Date: 24.MAR.2021 01:11:09

Middle Channel / QPSK



Date: 24.MAR.2021 01:12:23

Highest Channel / QPSK

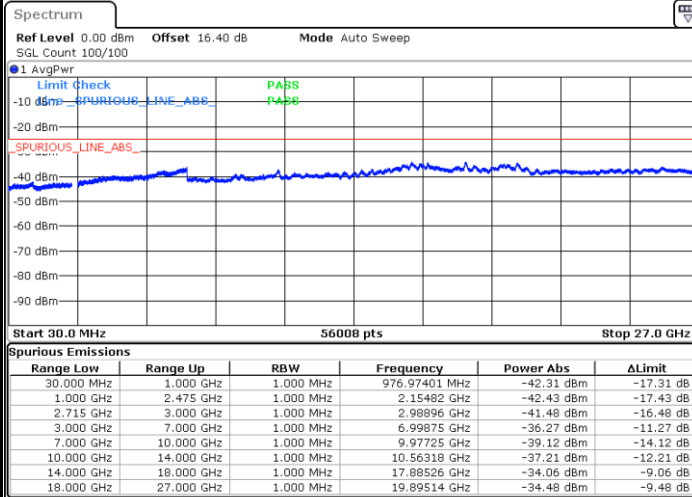


Date: 24.MAR.2021 01:13:36



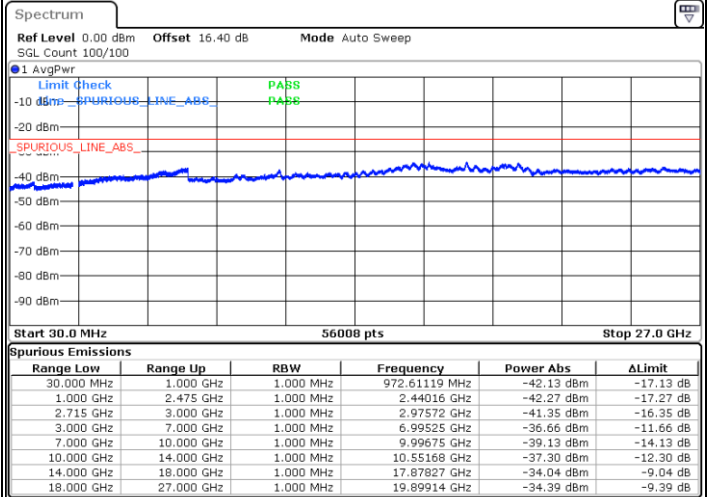
LTE Band 41 / 10MHz

Lowest Channel / QPSK



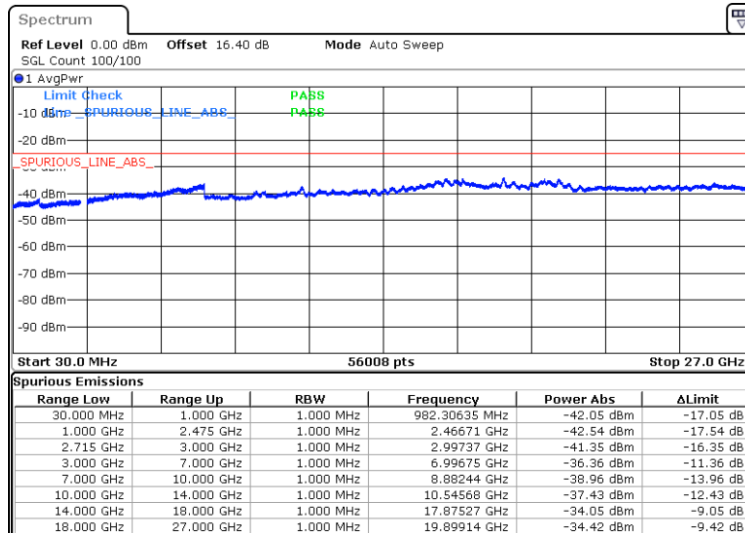
Date: 24.MAR.2021 01:27:07

Middle Channel / QPSK



Date: 24.MAR.2021 01:28:21

Highest Channel / QPSK

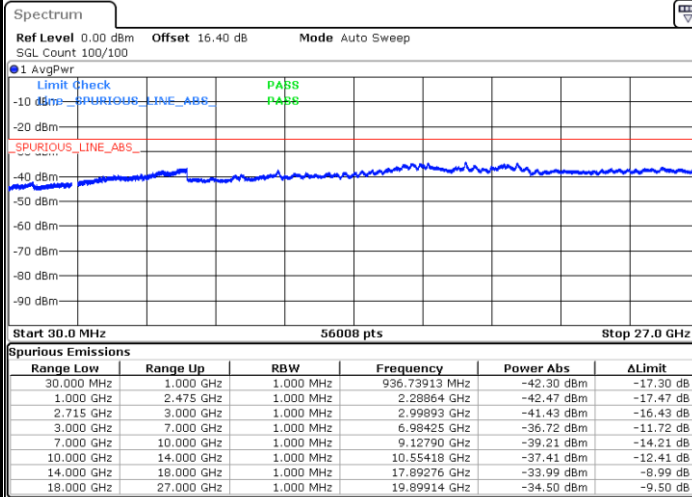


Date: 24.MAR.2021 01:29:34



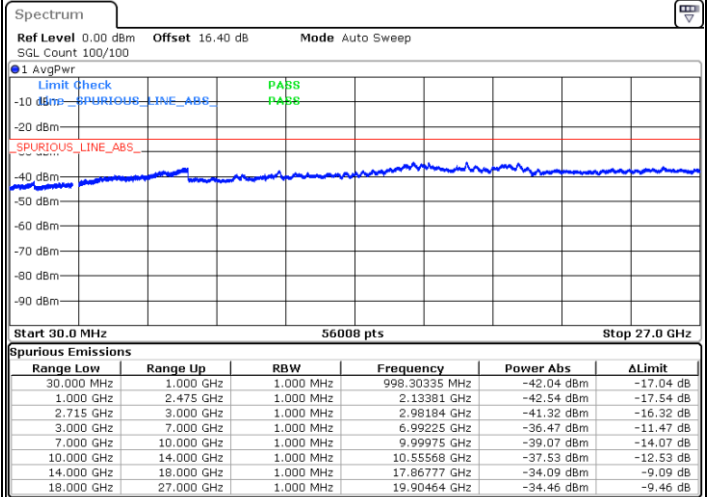
LTE Band 41 / 15MHz

Lowest Channel / QPSK



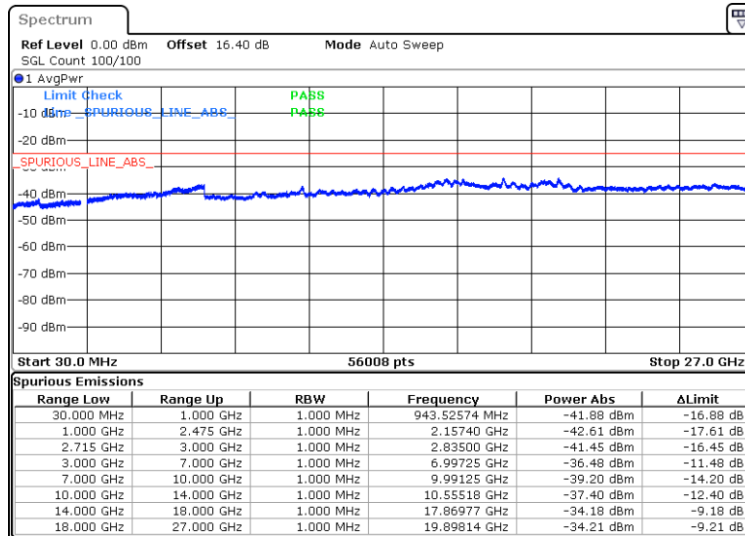
Date: 24.MAR.2021 01:43:05

Middle Channel / QPSK



Date: 24.MAR.2021 01:44:19

Highest Channel / QPSK

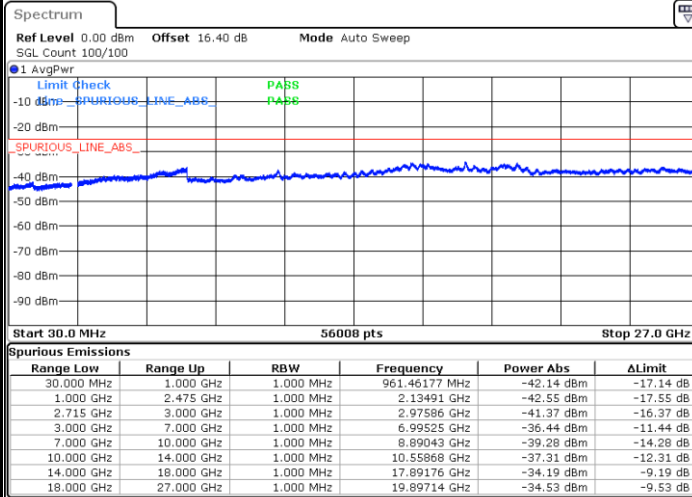


Date: 24.MAR.2021 01:45:32



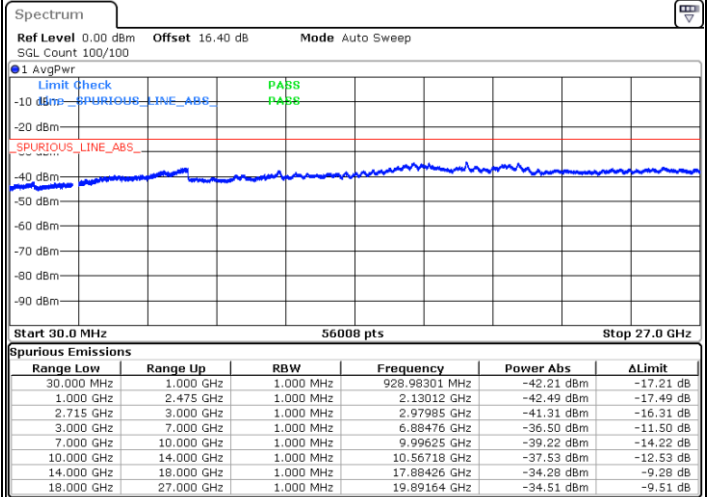
LTE Band 41 / 20MHz

Lowest Channel / QPSK



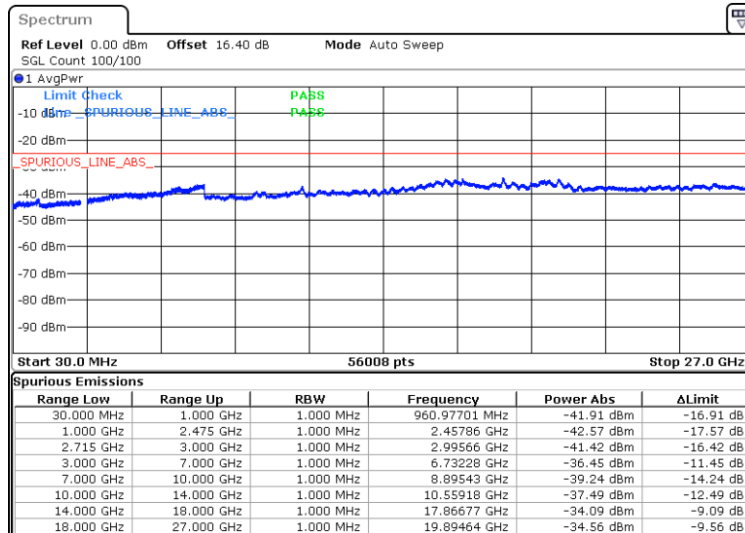
Date: 24.MAR.2021 01:59:01

Middle Channel / QPSK



Date: 24.MAR.2021 02:00:15

Highest Channel / QPSK



Date: 24.MAR.2021 02:01:28

Frequency Stability

Test Conditions		LTE Band 41 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0007	PASS
40	Normal Voltage	0.0028	
30	Normal Voltage	0.0019	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0020	
0	Normal Voltage	0.0019	
-10	Normal Voltage	0.0022	
-20	Normal Voltage	0.0046	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0024	

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.

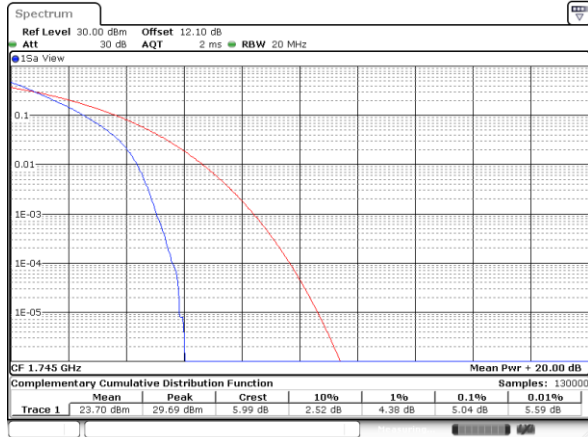


LTE Band 66

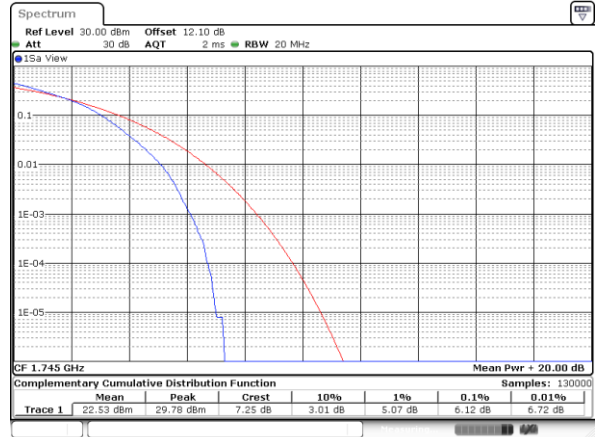
<Main>

Peak-to-Average Ratio

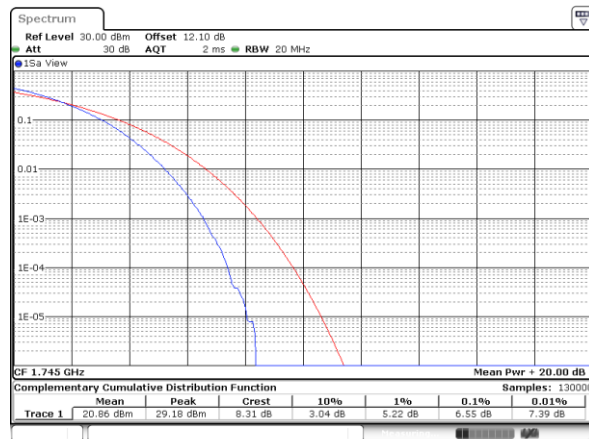
Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	5.04	6.12	6.55	-	PASS

LTE Band 66 / 20MHz / QPSK
Middle Channel / Full RB


Date: 24 MAR 2021 03:24:11

LTE Band 66 / 20MHz / 16QAM
Middle Channel / Full RB


Date: 24 MAR 2021 03:23:44

LTE Band 66 / 20MHz / 64QAM
Middle Channel / Full RB


Date: 24 MAR 2021 20:41:36

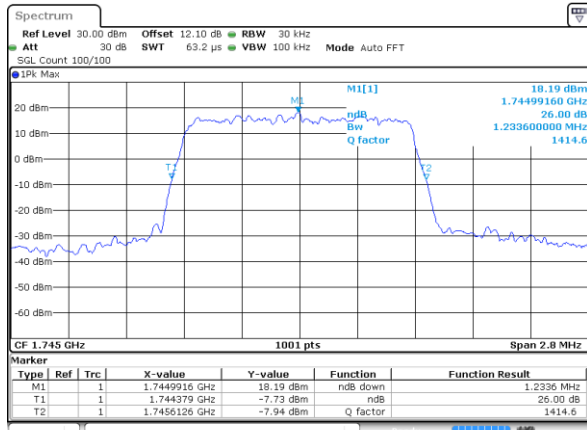
**26dB Bandwidth**

Mode	LTE Band 66 : 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	1.22	3.01	3.02	4.84	4.83	9.73	9.83	14.33	14.42	18.90	19.02
Mode	LTE Band 66 : 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	1.22	-	3.00	-	4.82	-	9.85	-	14.51	-	19.10	-



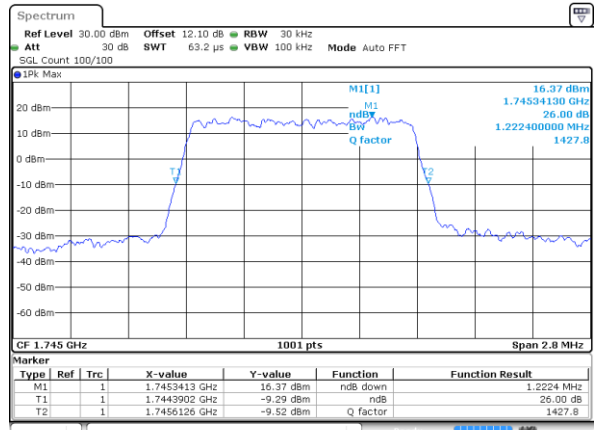
LTE Band 66

Middle Channel / 1.4MHz / QPSK



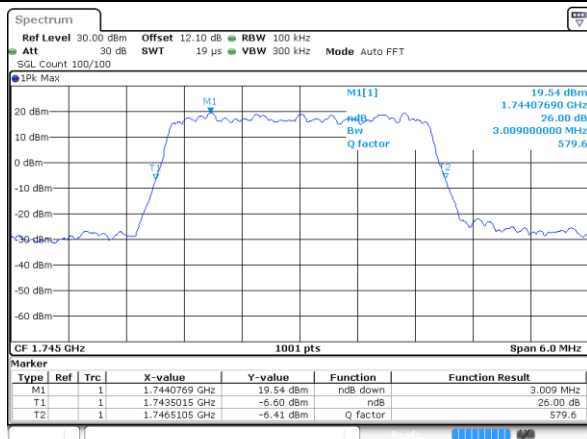
Date: 24 MAR 2021 00:40:51

Middle Channel / 1.4MHz / 16QAM



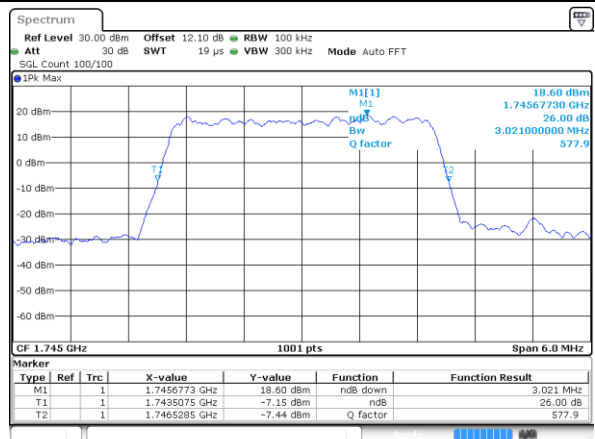
Date: 24 MAR 2021 00:41:15

Middle Channel / 3MHz / QPSK



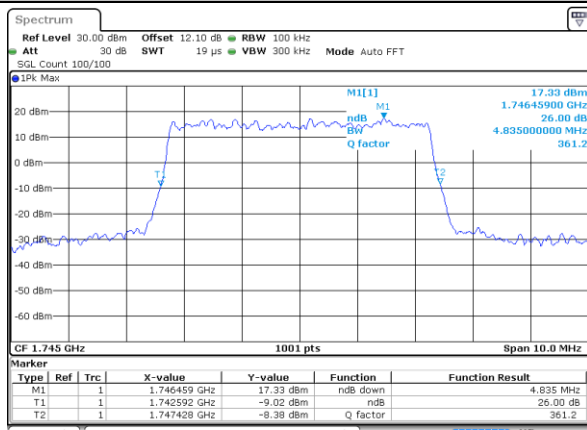
Date: 24 MAR 2021 02:08:38

Middle Channel / 3MHz / 16QAM



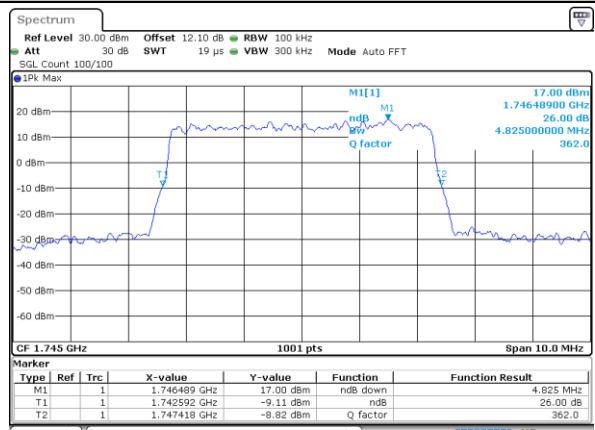
Date: 24 MAR 2021 02:09:02

Middle Channel / 5MHz / QPSK



Date: 24 MAR 2021 02:28:29

Middle Channel / 5MHz / 16QAM

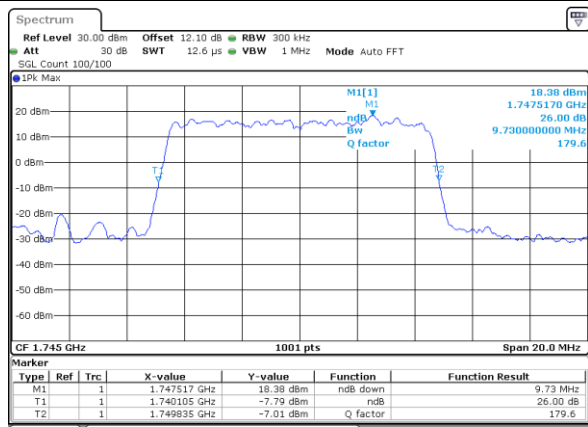


Date: 24 MAR 2021 02:28:53



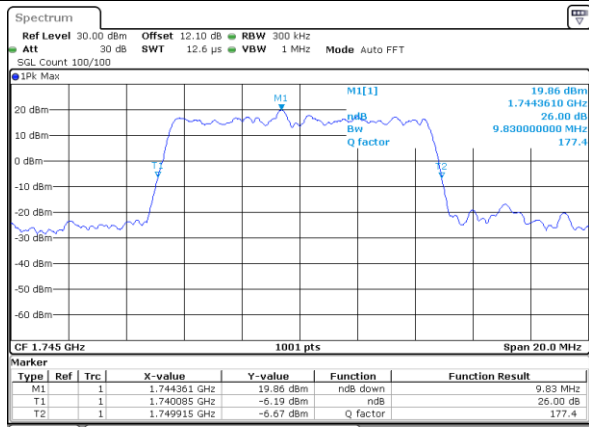
LTE Band 66

Middle Channel / 10MHz / QPSK



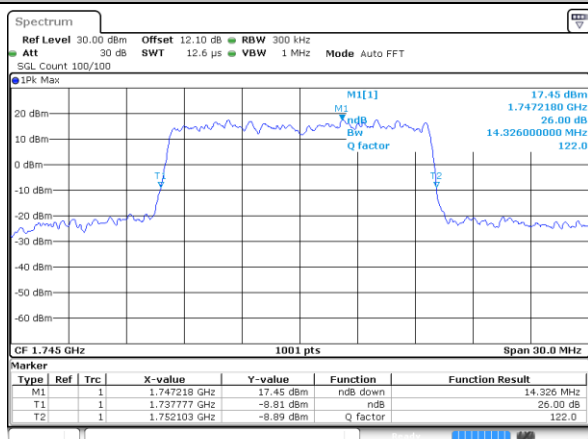
Date: 31 MAR 2021 23:11:43

Middle Channel / 10MHz / 16QAM



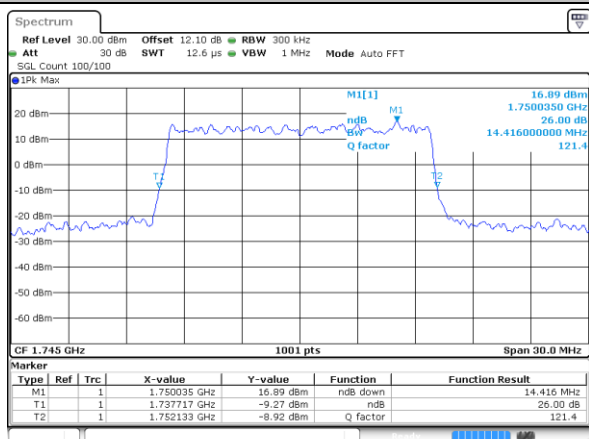
Date: 24 MAR 2021 02:41:14

Middle Channel / 15MHz / QPSK



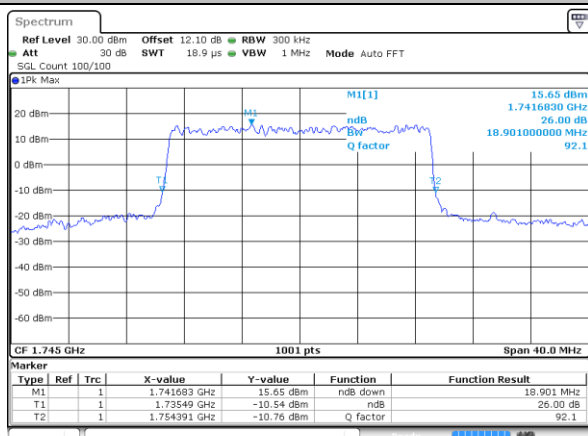
Date: 24 MAR 2021 03:00:45

Middle Channel / 15MHz / 16QAM



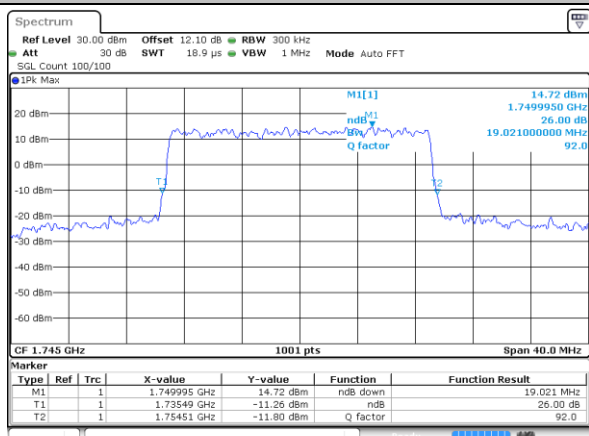
Date: 24 MAR 2021 03:01:09

Middle Channel / 20MHz / QPSK



Date: 24 MAR 2021 03:13:09

Middle Channel / 20MHz / 16QAM

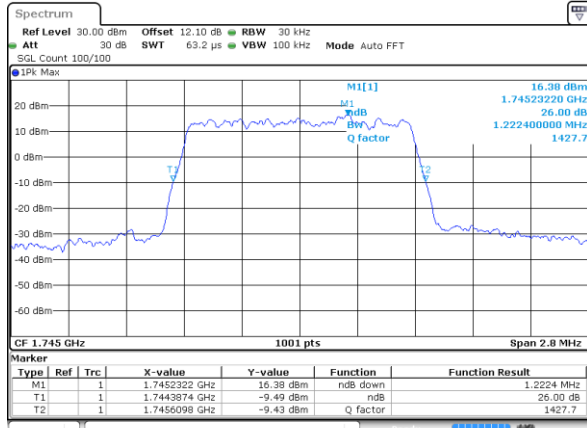


Date: 24 MAR 2021 03:13:33

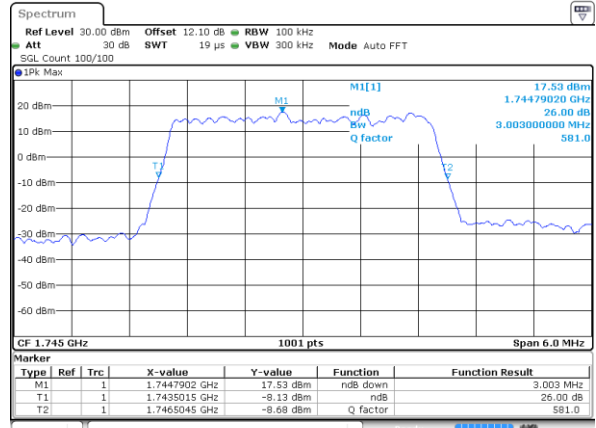


LTE Band 66

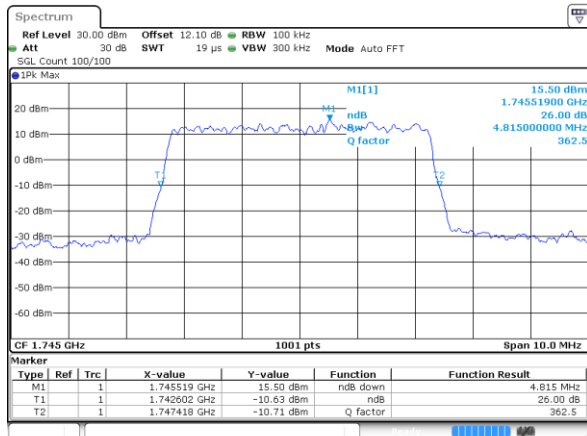
Middle Channel / 1.4MHz / 64QAM



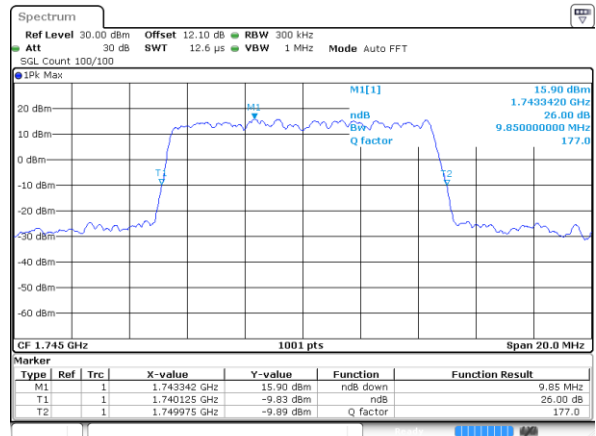
Middle Channel / 3MHz / 64QAM



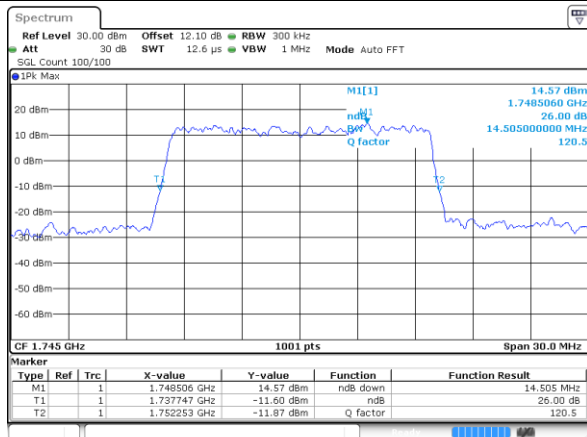
Middle Channel / 5MHz / 64QAM



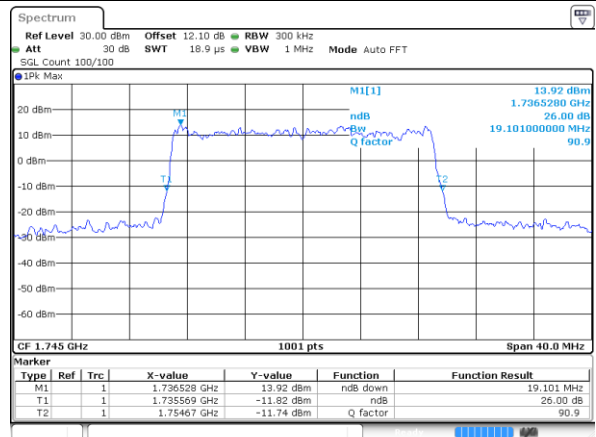
Middle Channel / 10MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Middle Channel / 20MHz / 64QAM



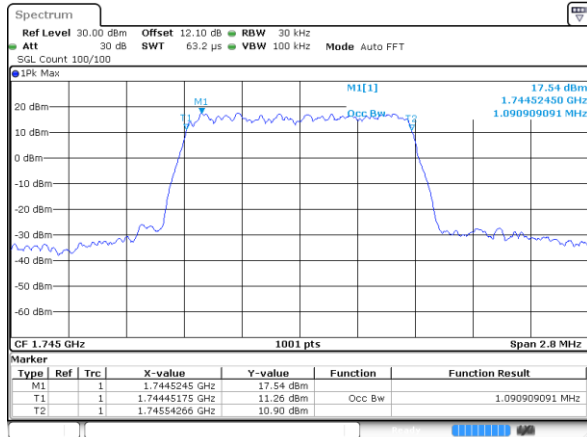
**Occupied Bandwidth**

Mode	LTE Band 66 : 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	1.09	1.09	2.72	2.73	4.49	4.48	9.01	9.07	13.49	13.43	17.90	17.94
Mode	LTE Band 66 : 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	-	4.49	-	9.03	-	13.49	-	17.94	-

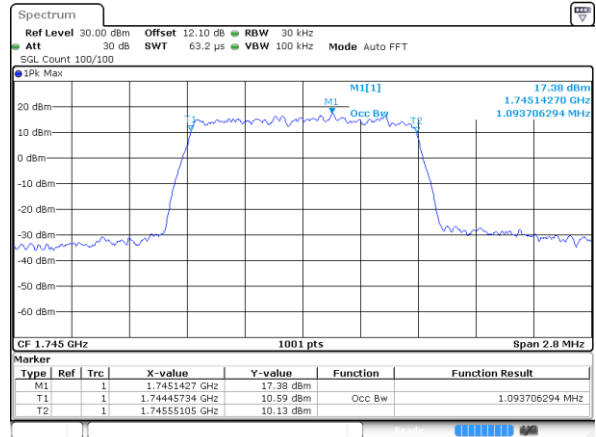


LTE Band 66

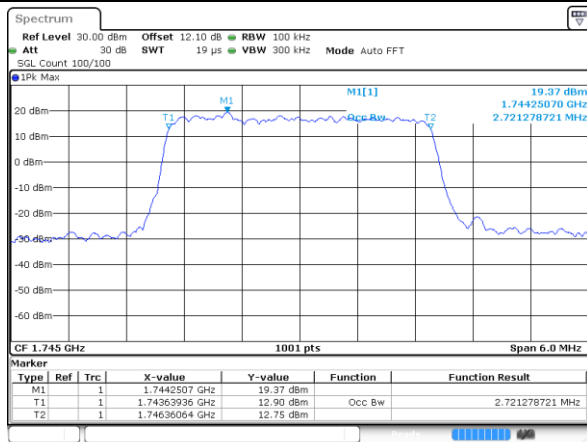
Middle Channel / 1.4MHz / QPSK



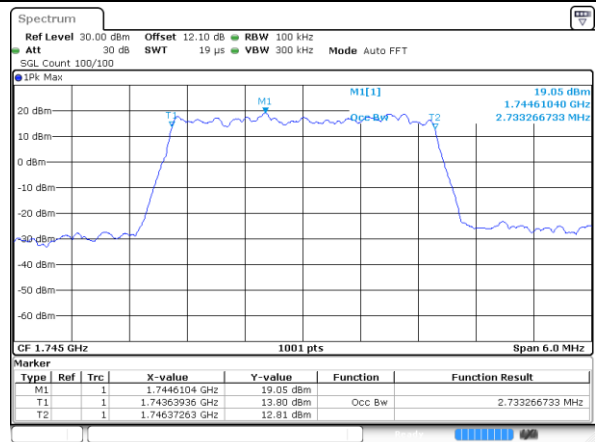
Middle Channel / 1.4MHz / 16QAM



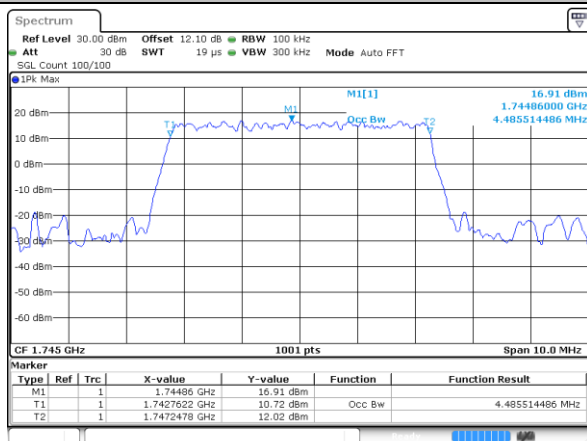
Middle Channel / 3MHz / QPSK



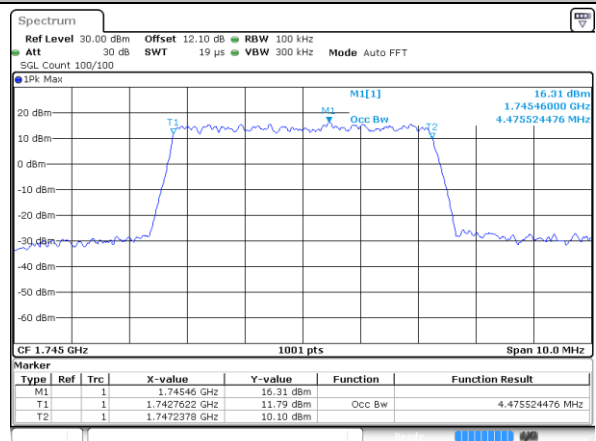
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



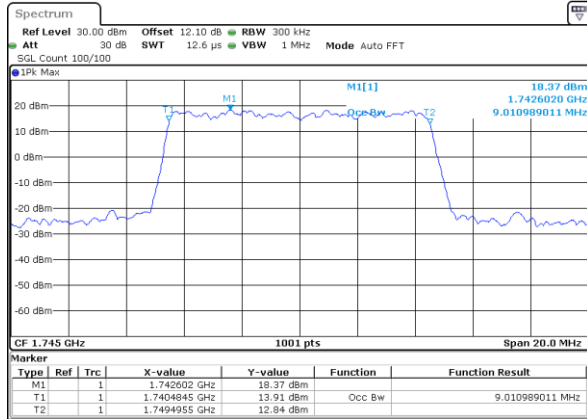
Middle Channel / 5MHz / 16QAM





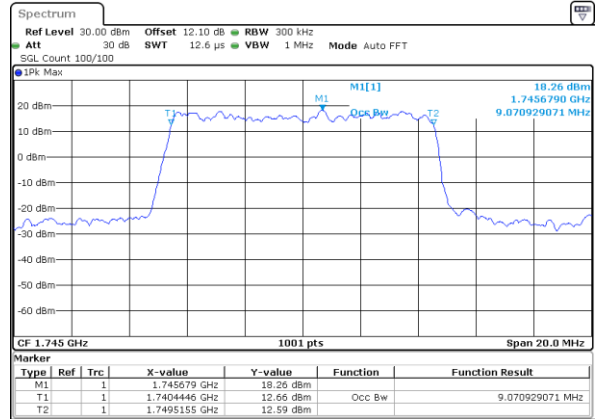
LTE Band 66

Middle Channel / 10MHz / QPSK



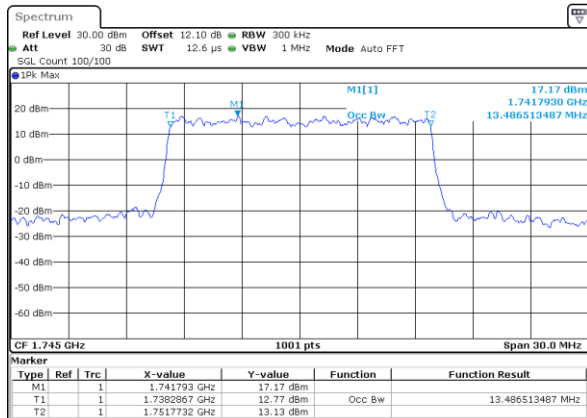
Date: 24 MAR 2021 02:39:57

Middle Channel / 10MHz / 16QAM



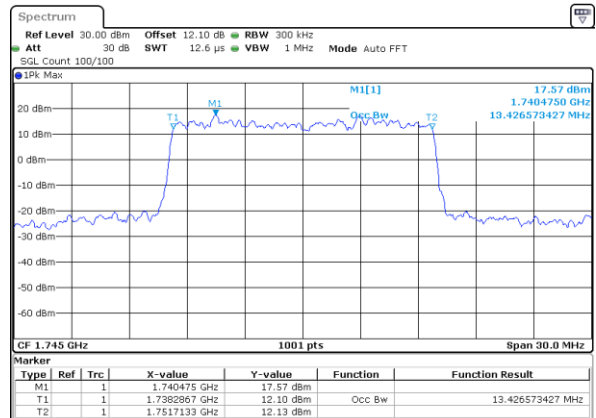
Date: 24 MAR 2021 02:40:24

Middle Channel / 15MHz / QPSK



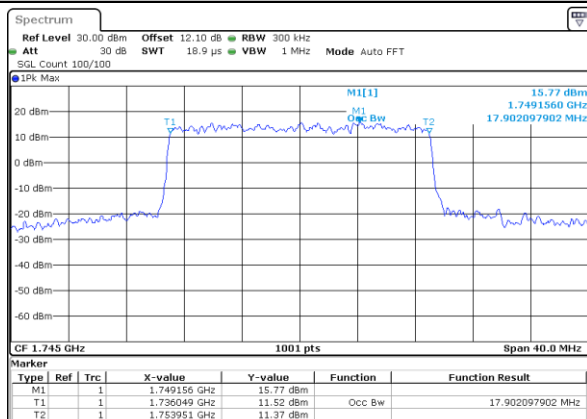
Date: 24 MAR 2021 02:59:53

Middle Channel / 15MHz / 16QAM



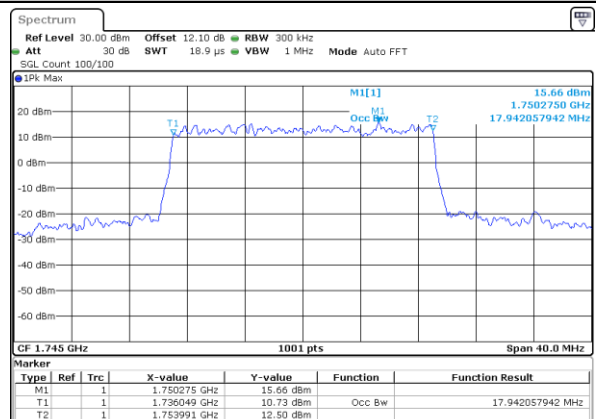
Date: 24 MAR 2021 03:00:19

Middle Channel / 20MHz / QPSK



Date: 24 MAR 2021 03:12:17

Middle Channel / 20MHz / 16QAM

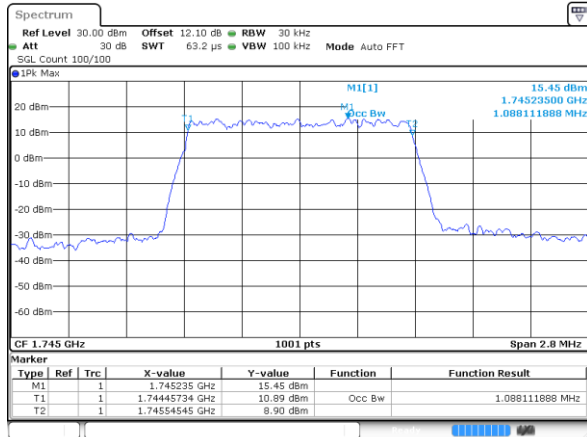


Date: 24 MAR 2021 03:12:43



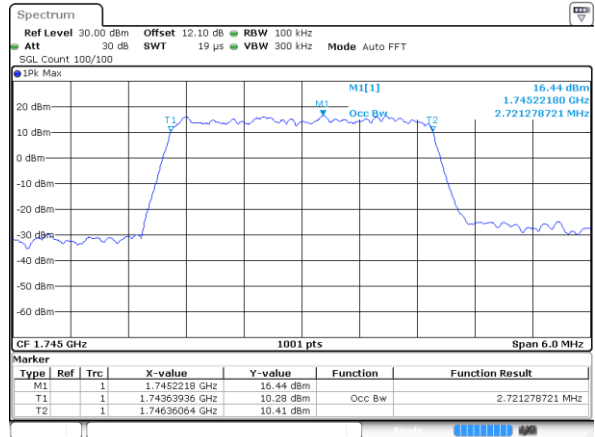
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



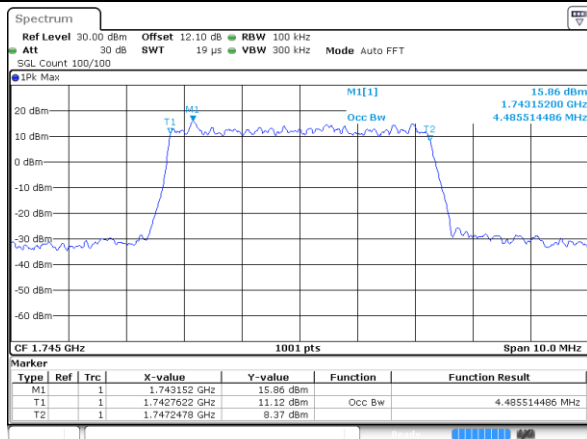
Date: 24 MAR 2021 00:49:04

Middle Channel / 3MHz / 64QAM



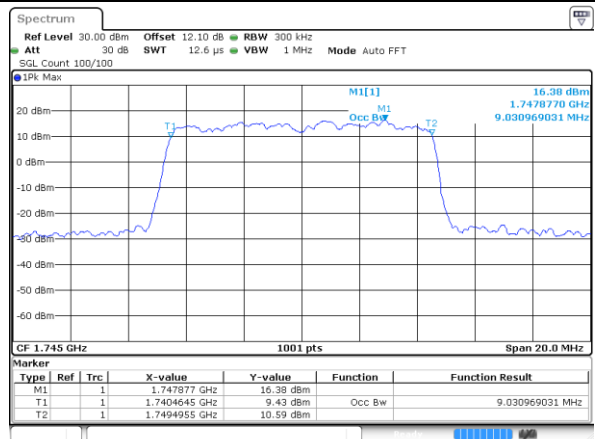
Date: 24 MAR 2021 20:23:19

Middle Channel / 5MHz / 64QAM



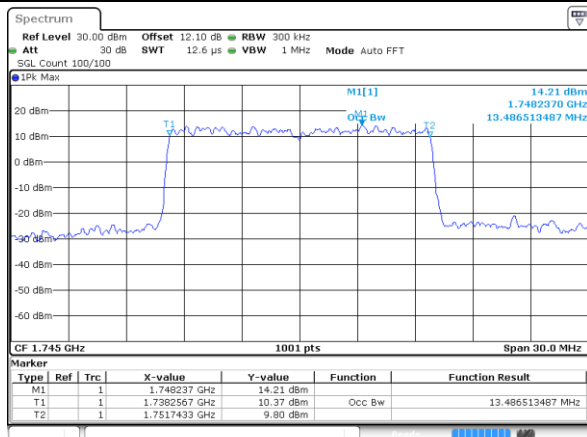
Date: 24 MAR 2021 20:27:18

Middle Channel / 10MHz / 64QAM



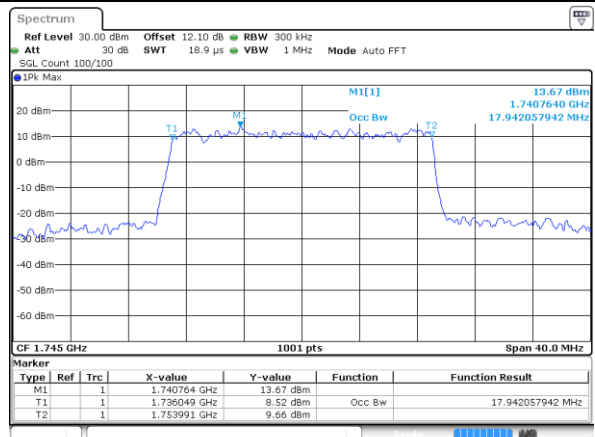
Date: 24 MAR 2021 20:31:17

Middle Channel / 15MHz / 64QAM



Date: 24 MAR 2021 20:35:16

Middle Channel / 20MHz / 64QAM



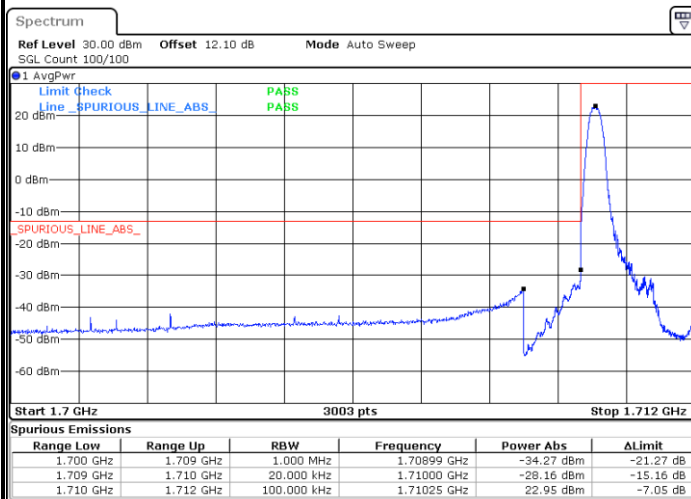
Date: 24 MAR 2021 20:38:15



Conducted Band Edge

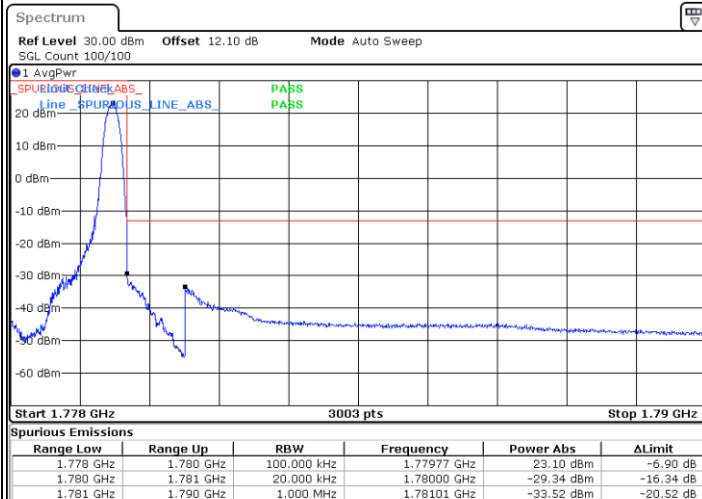
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



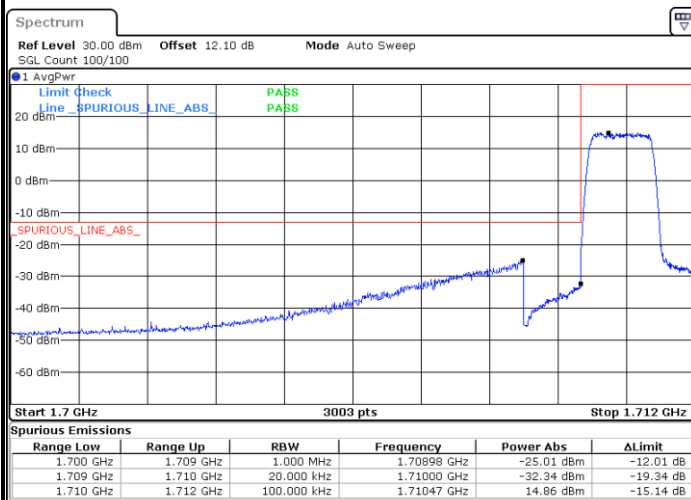
Date: 24 MAR 2021 00:35:52

Highest Band Edge / 1RB



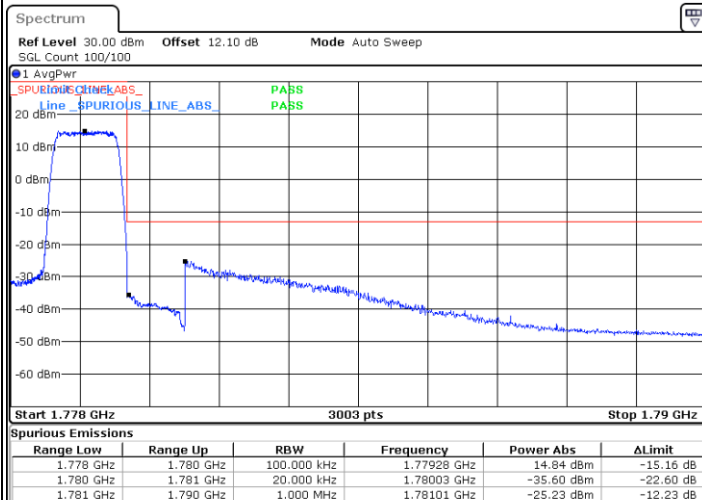
Date: 24 MAR 2021 00:43:18

Lowest Band Edge / Full RB



Date: 24 MAR 2021 00:37:31

Highest Band Edge / Full RB

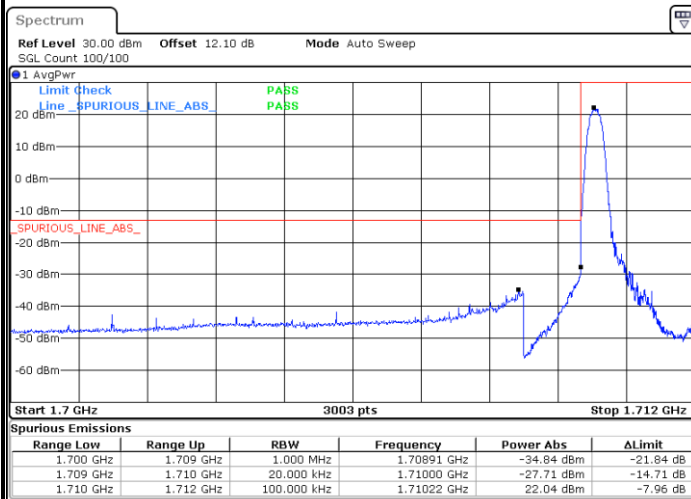


Date: 24 MAR 2021 00:44:56



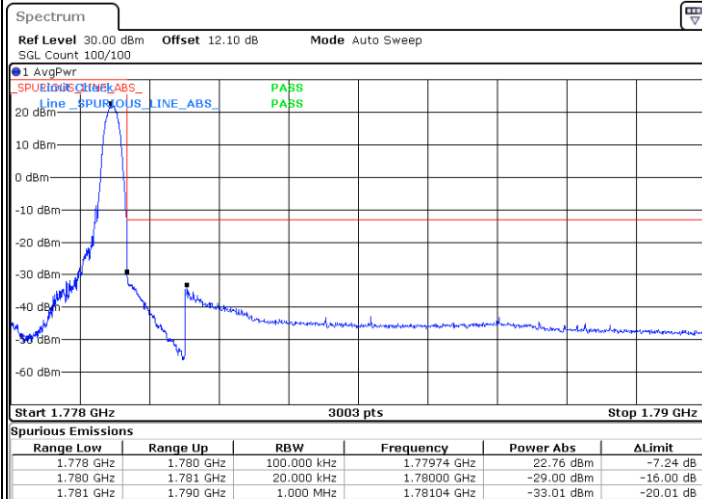
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



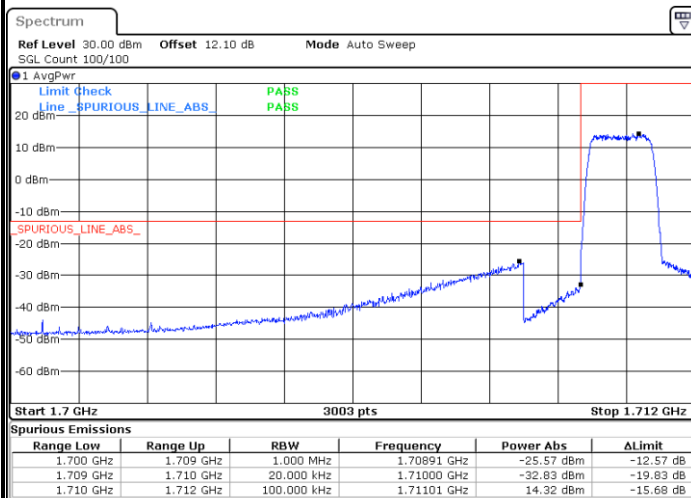
Date: 24 MAR 2021 00:36:41

Highest Band Edge / 1 RB



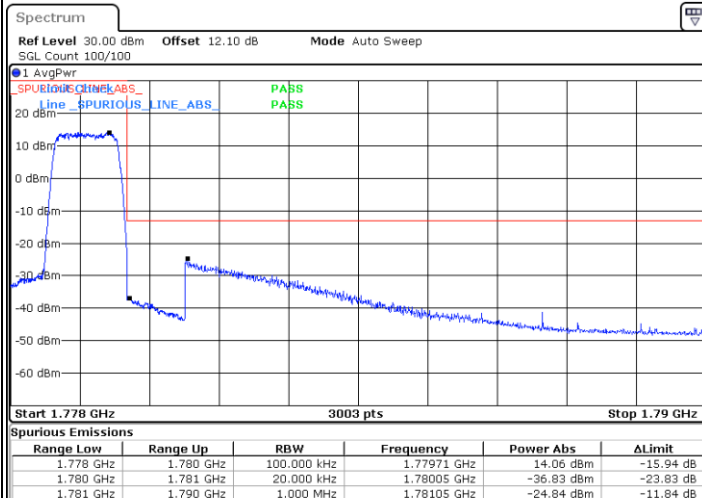
Date: 24 MAR 2021 00:44:07

Lowest Band Edge / Full RB



Date: 24 MAR 2021 00:38:21

Highest Band Edge / Full RB

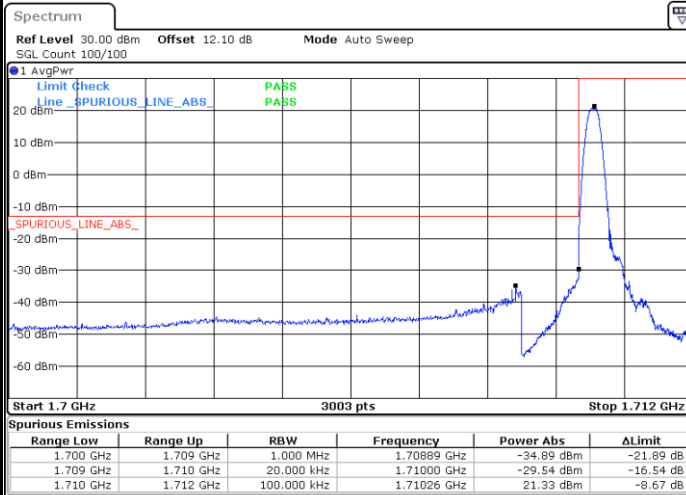


Date: 24 MAR 2021 00:45:46

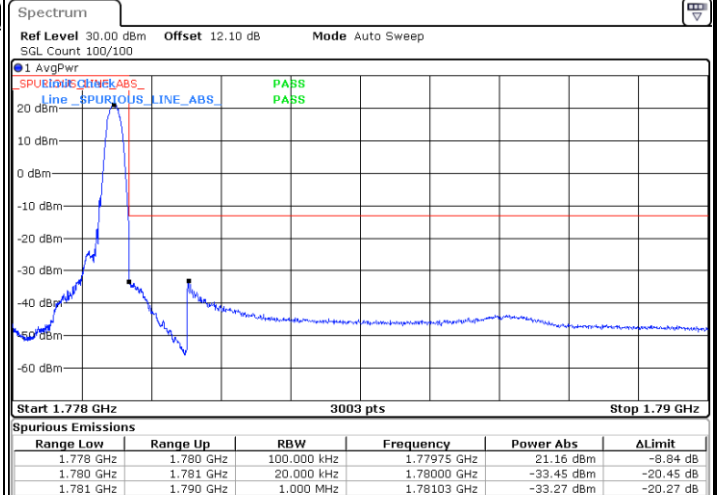


LTE Band 66 / 1.4MHz / 64QAM

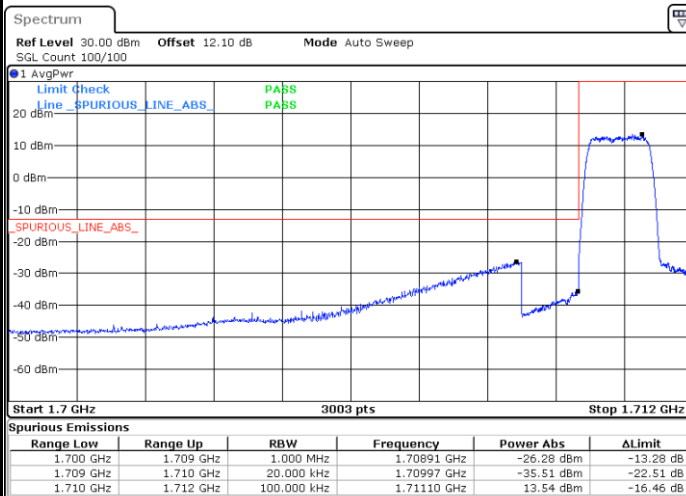
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

