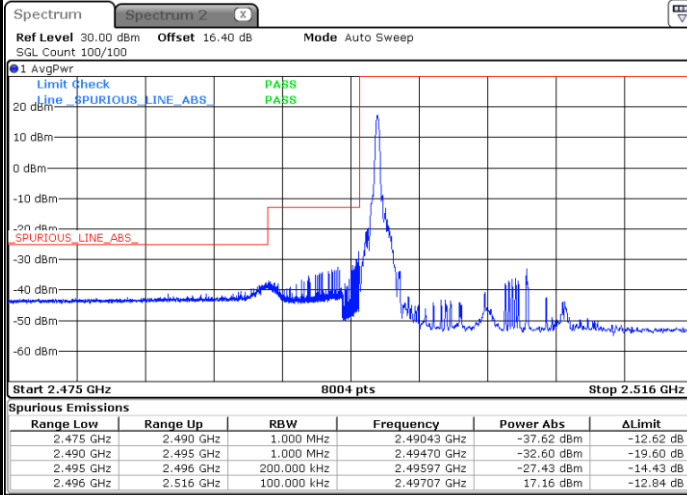




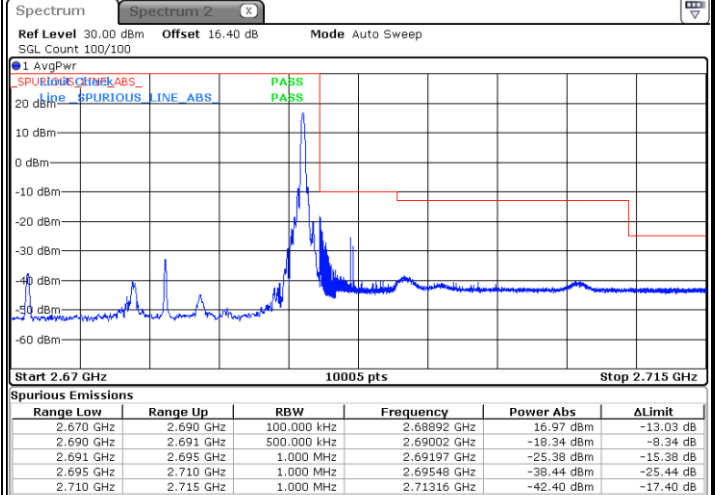
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



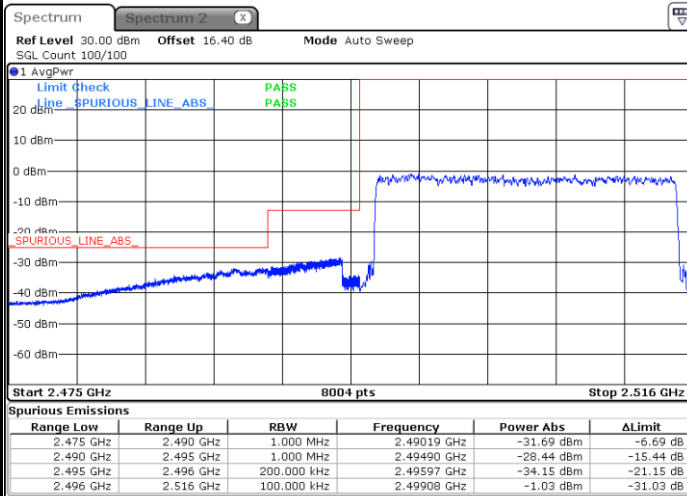
Date: 7 APR 2021 03:20:33

Highest Band Edge / 1 RB



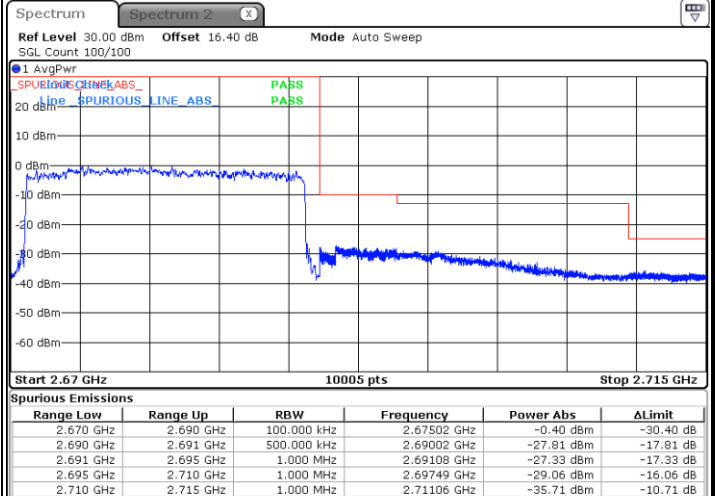
Date: 7 APR 2021 03:24:13

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:22:23

Highest Band Edge / Full RB

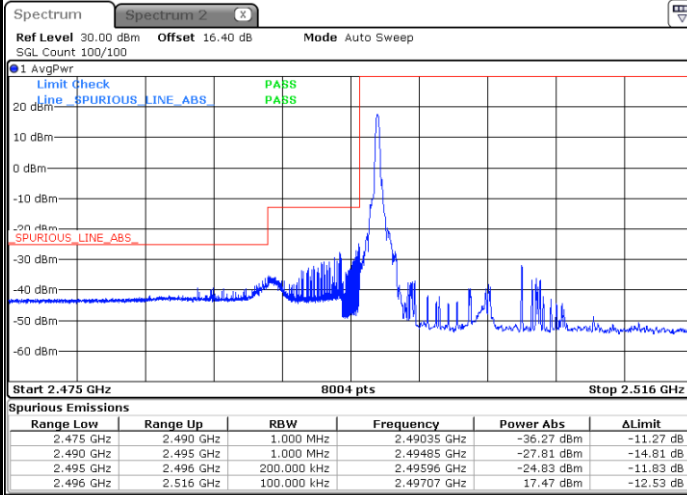


Date: 7 APR 2021 03:26:56



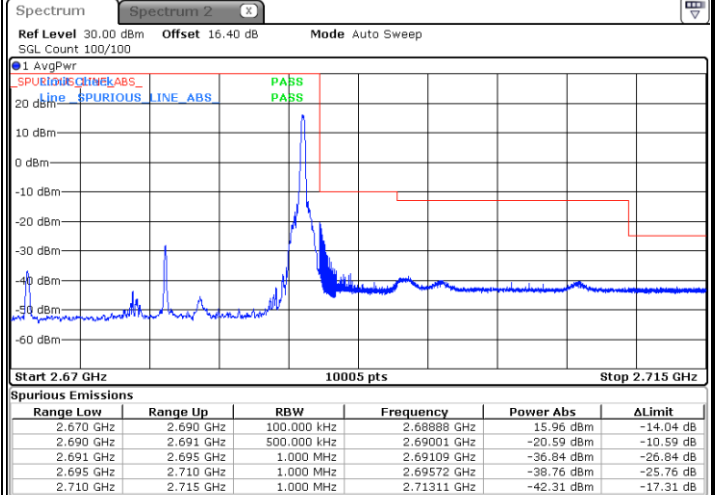
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



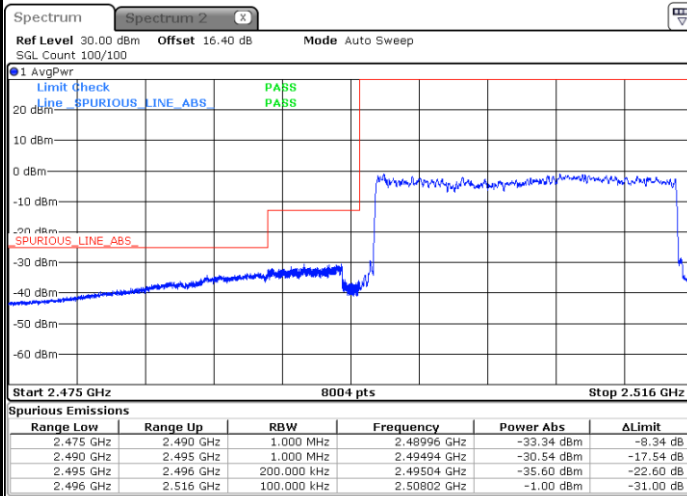
Date: 7 APR 2021 03:21:28

Highest Band Edge / 1 RB



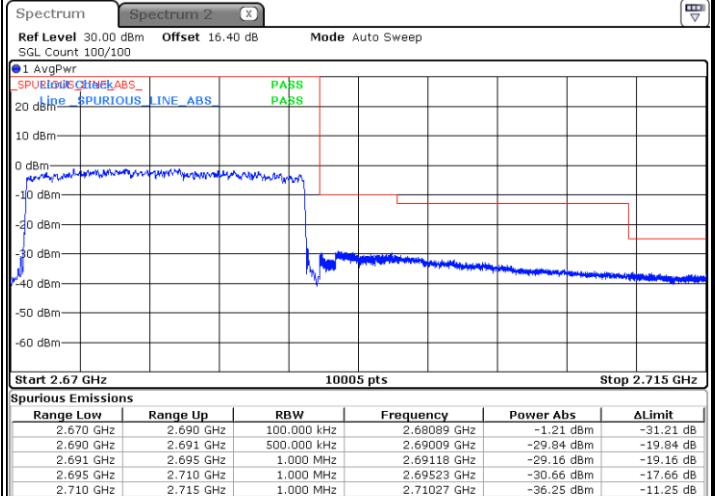
Date: 7 APR 2021 03:25:07

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:23:18

Highest Band Edge / Full RB

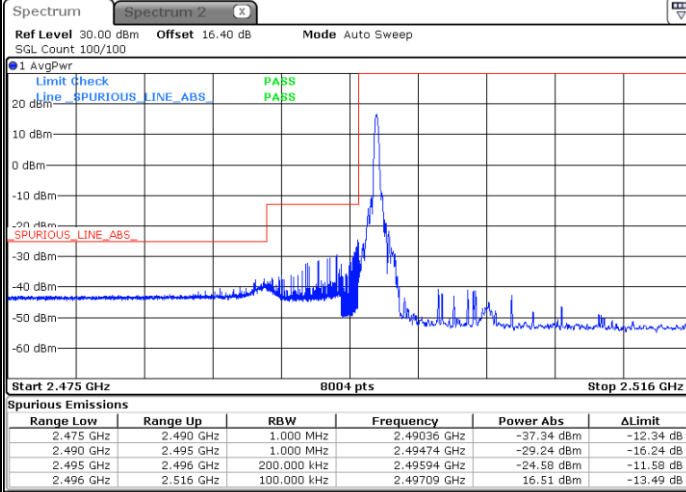


Date: 7 APR 2021 03:26:01



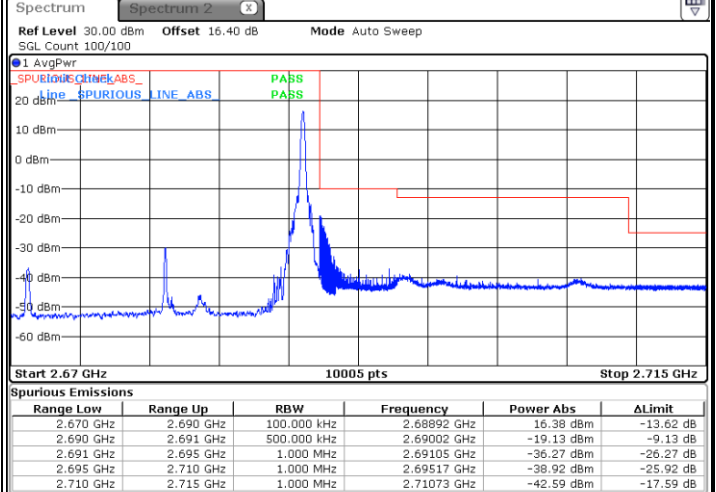
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



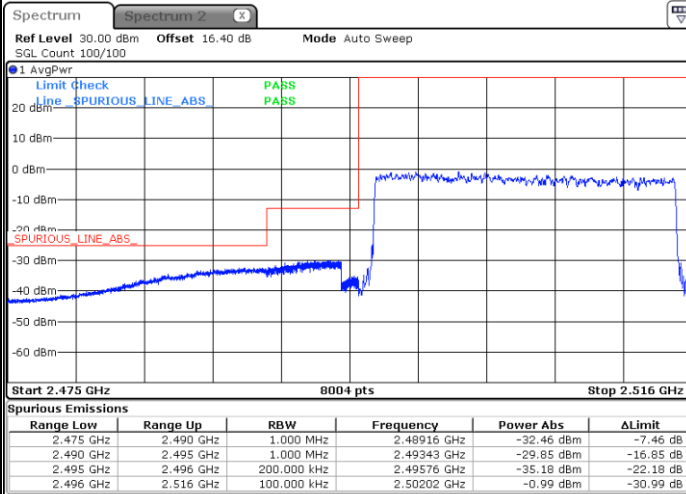
Date: 7 APR 2021 03:27:50

Highest Band Edge / 1 RB



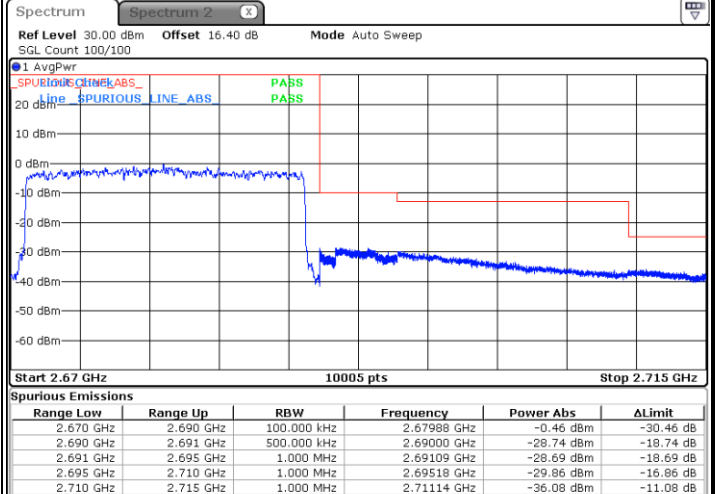
Date: 7 APR 2021 03:29:38

Lowest Band Edge / Full RB



Date: 7 APR 2021 03:28:44

Highest Band Edge / Full RB



Date: 7 APR 2021 03:30:33

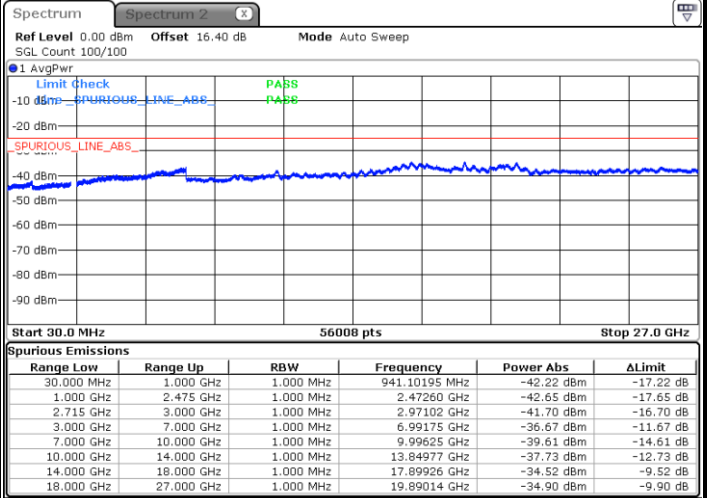
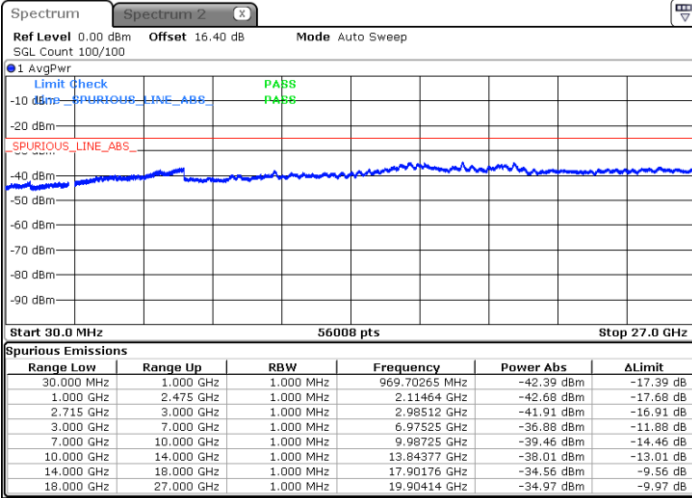


# Conducted Spurious Emission

## LTE Band 41 / 5MHz

### Lowest Channel / QPSK

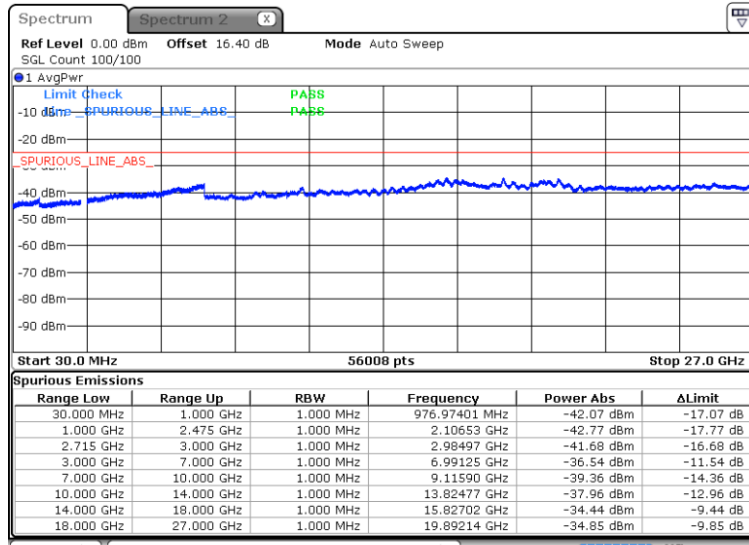
### Middle Channel / QPSK



Date: 7 APR 2021 03:31:48

Date: 7 APR 2021 03:33:02

### Highest Channel / QPSK

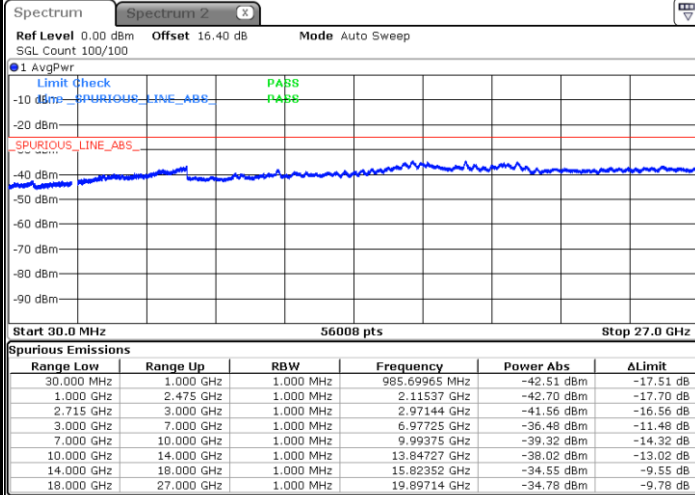


Date: 7 APR 2021 03:34:16



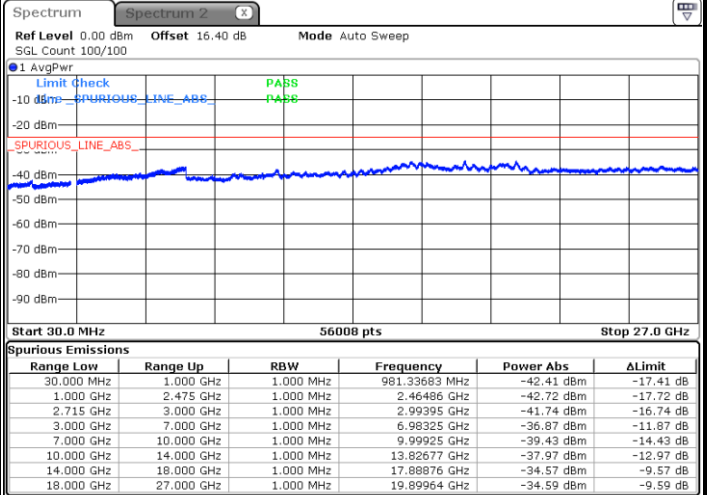
LTE Band 41 / 10MHz

Lowest Channel / QPSK



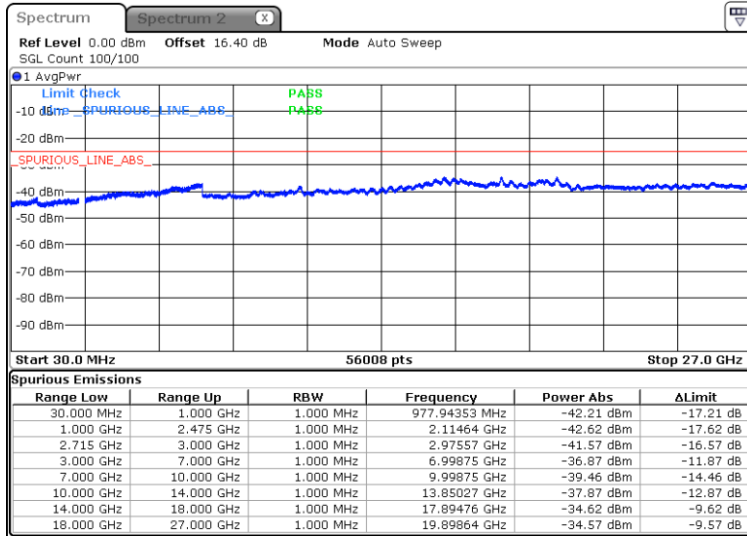
Date: 7 APR 2021 03:35:31

Middle Channel / QPSK



Date: 7 APR 2021 03:36:45

Highest Channel / QPSK



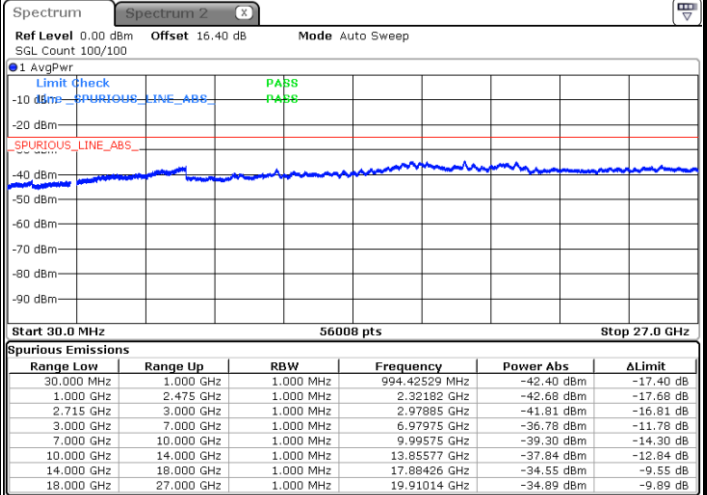
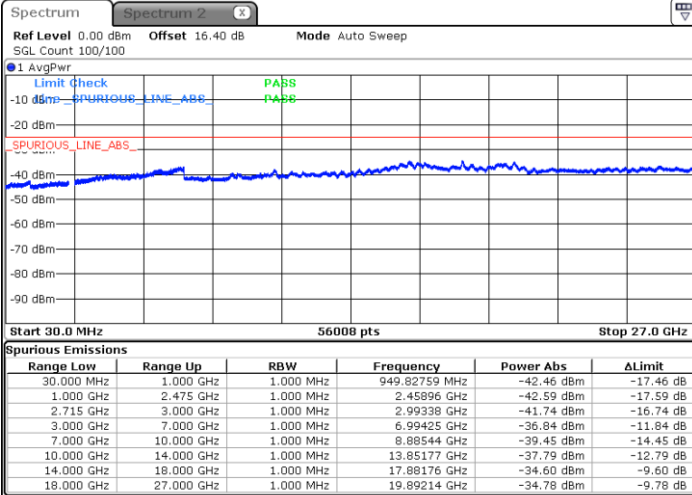
Date: 7 APR 2021 03:38:00



LTE Band 41 / 15MHz

Lowest Channel / QPSK

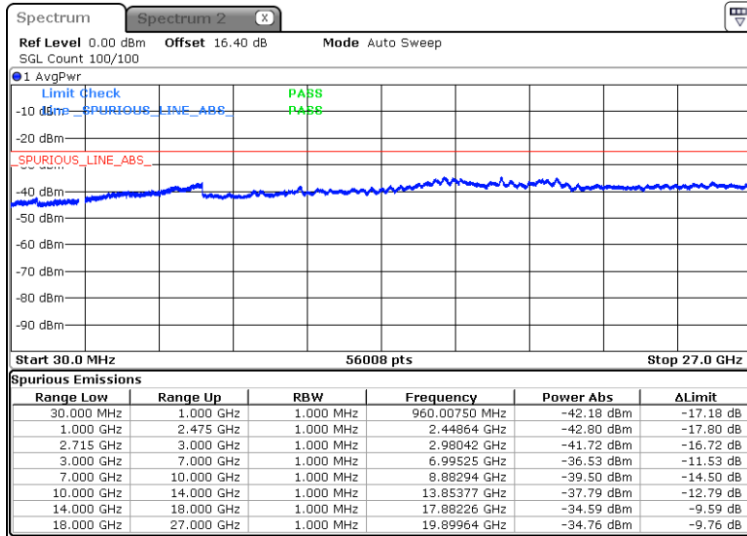
Middle Channel / QPSK



Date: 7 APR 2021 03:39:15

Date: 7 APR 2021 03:40:29

Highest Channel / QPSK



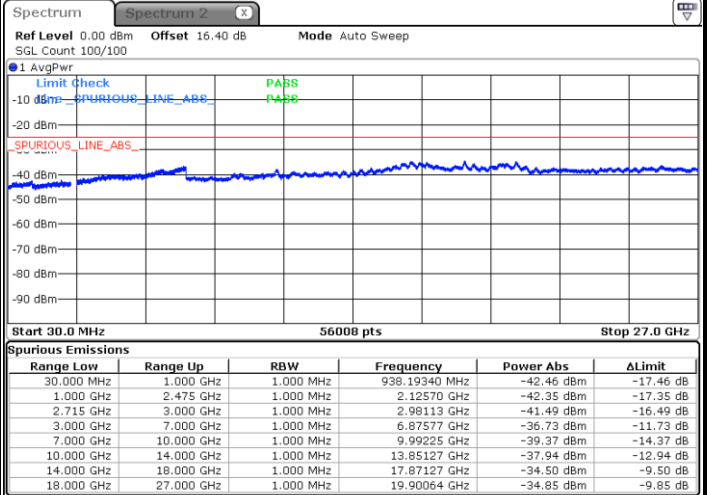
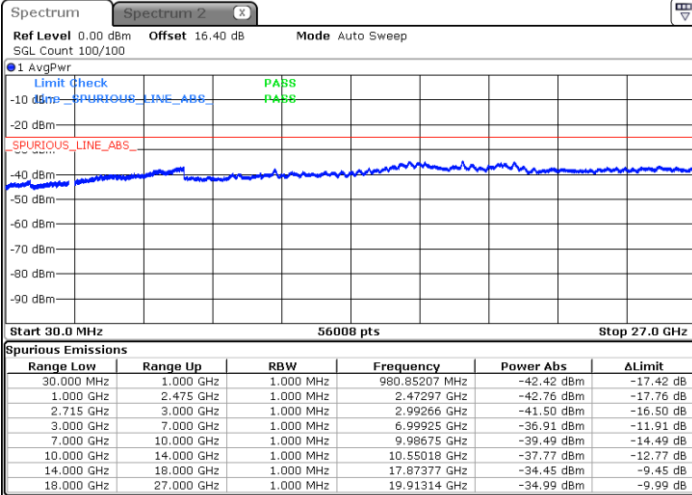
Date: 7 APR 2021 03:41:43



LTE Band 41 / 20MHz

Lowest Channel / QPSK

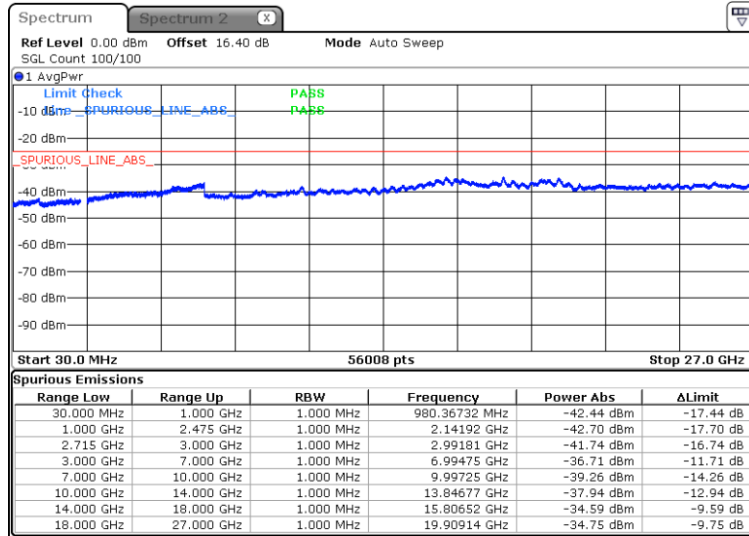
Middle Channel / QPSK



Date: 7.APR.2021 03:42:58

Date: 7.APR.2021 03:44:12

Highest Channel / QPSK



Date: 7.APR.2021 03:45:26



### 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	0.0027	PASS
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0007	
0	Normal Voltage	0.0066	
-10	Normal Voltage	0.0032	
-20	Normal Voltage	0.0019	
-30	Normal Voltage	0.0030	
20	Maximum Voltage	0.0020	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0046	

**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

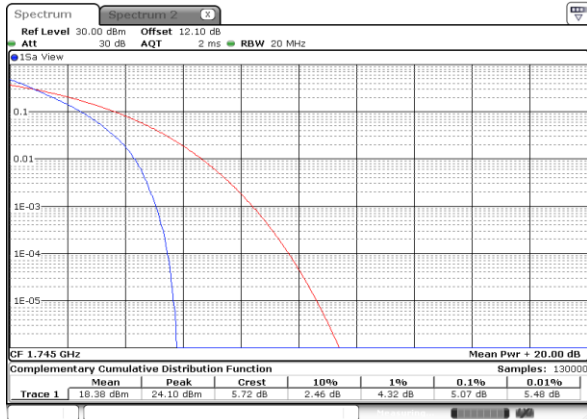
### Peak-to-Average Ratio

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	5.07	5.94	6.55	-	PASS



LTE Band 66 / 20MHz / QPSK

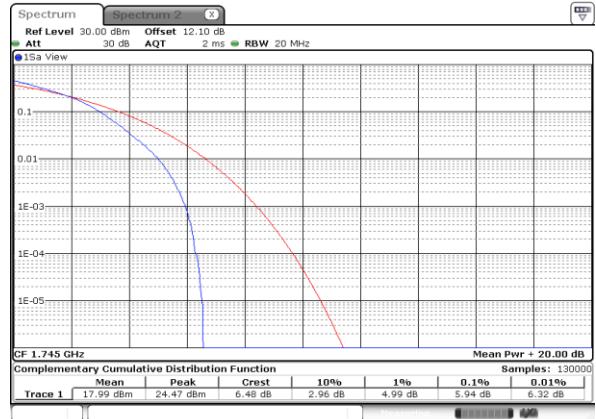
Middle Channel / Full RB



Date: 7 APR 2021 02:11:25

LTE Band 66 / 20MHz / 16QAM

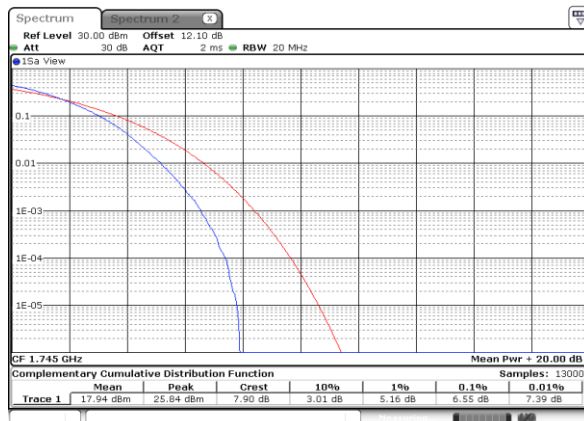
Middle Channel / Full RB



Date: 7 APR 2021 02:10:57

LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 7 APR 2021 02:11:52



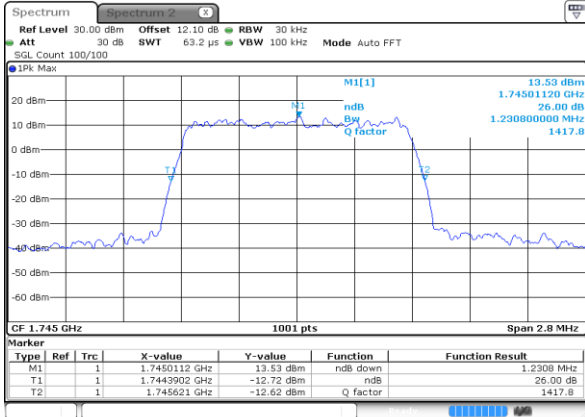
**26dB Bandwidth**

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	1.23	3.04	3.07	4.90	4.91	9.63	9.77	14.30	14.18	19.06	19.22
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	1.21	-	3.00	-	4.95	-	9.71	-	14.42	-	19.26	-



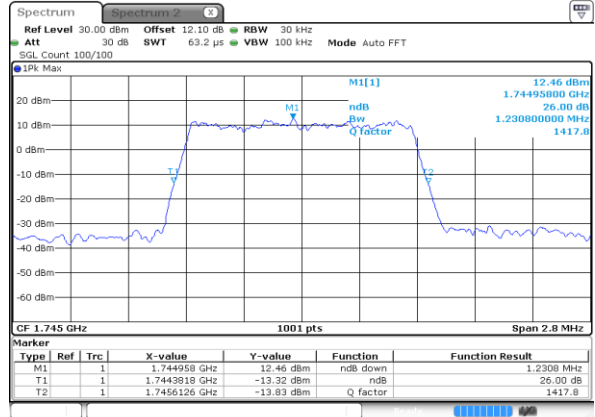
LTE Band 66

Middle Channel / 1.4MHz / QPSK



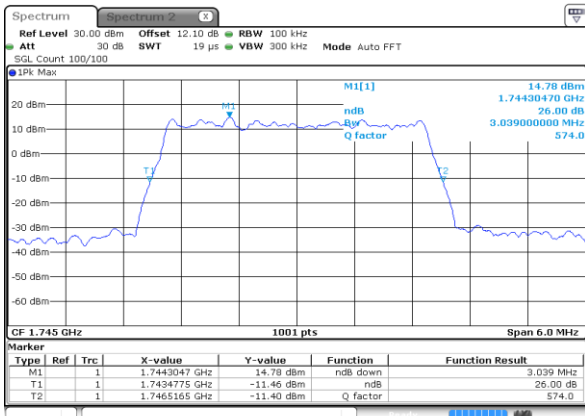
Date: 7 APR 2021 00:51:01

Middle Channel / 1.4MHz / 16QAM



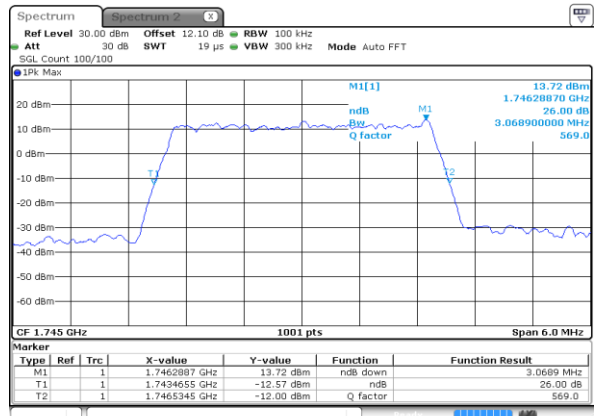
Date: 7 APR 2021 00:51:25

Middle Channel / 3MHz / QPSK



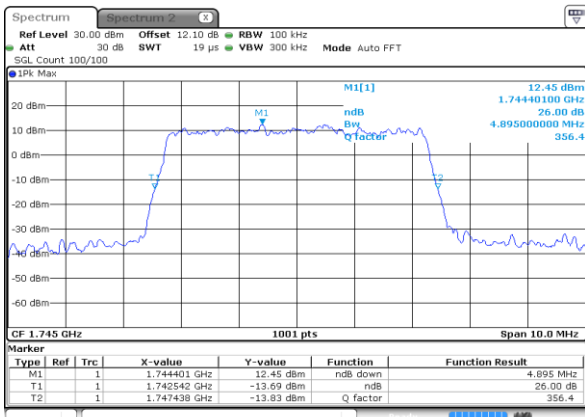
Date: 7 APR 2021 01:05:03

Middle Channel / 3MHz / 16QAM



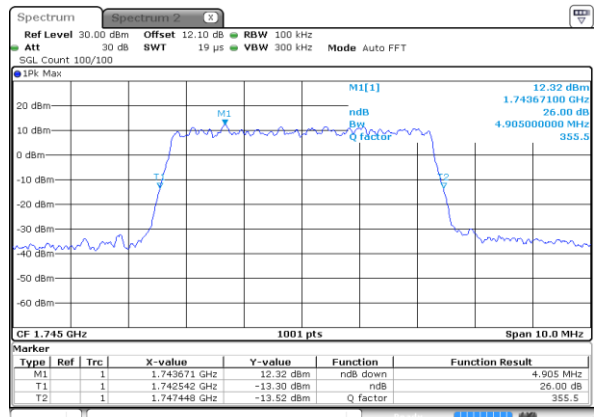
Date: 7 APR 2021 01:05:27

Middle Channel / 5MHz / QPSK



Date: 7 APR 2021 01:22:40

Middle Channel / 5MHz / 16QAM

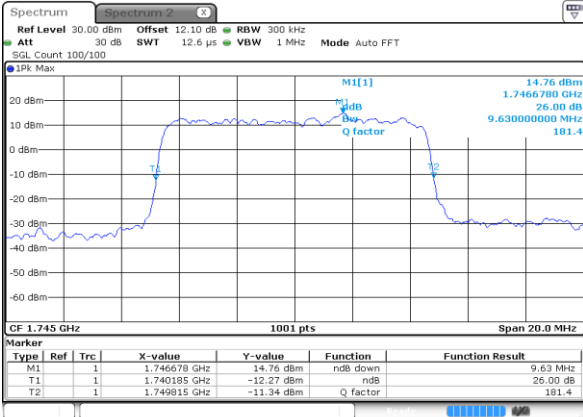


Date: 7 APR 2021 01:23:04



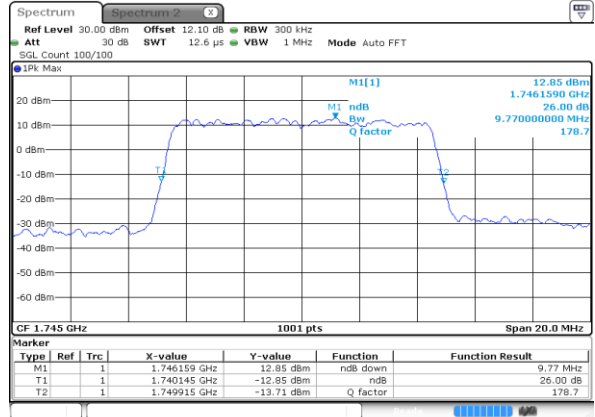
LTE Band 66

Middle Channel / 10MHz / QPSK



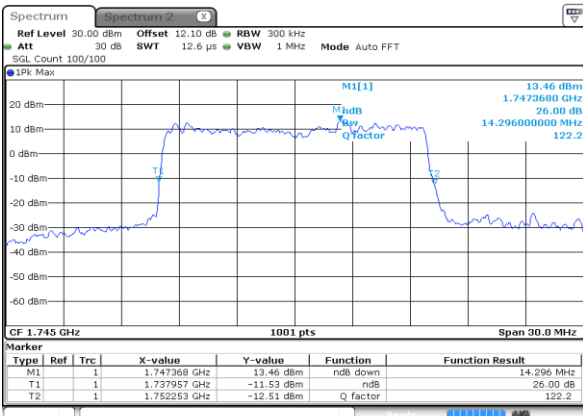
Date: 7 APR 2021 01:33:25

Middle Channel / 10MHz / 16QAM



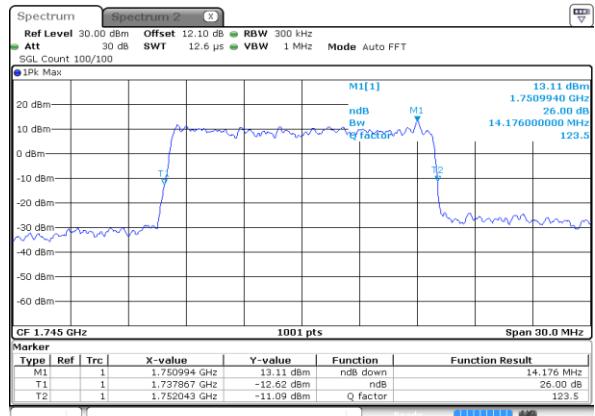
Date: 7 APR 2021 01:33:48

Middle Channel / 15MHz / QPSK



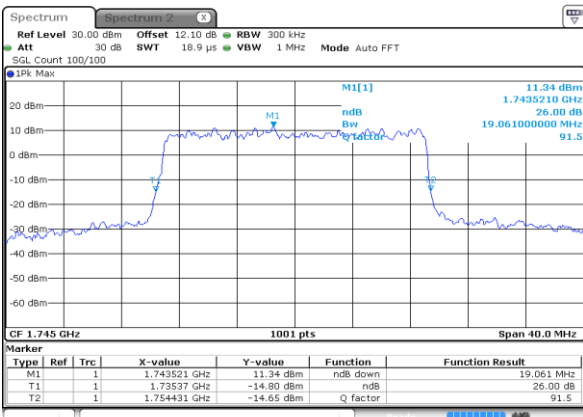
Date: 7 APR 2021 01:51:01

Middle Channel / 15MHz / 16QAM



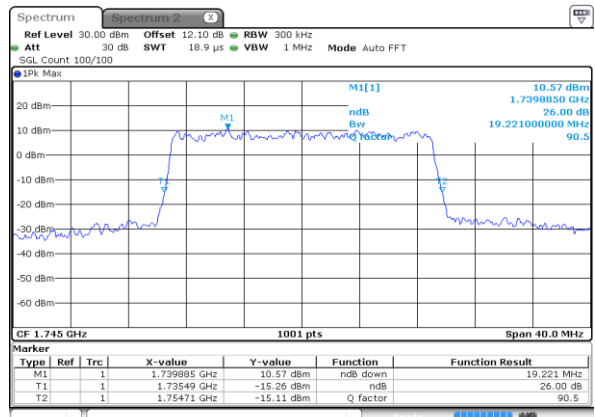
Date: 7 APR 2021 01:51:24

Middle Channel / 20MHz / QPSK



Date: 7 APR 2021 02:01:44

Middle Channel / 20MHz / 16QAM

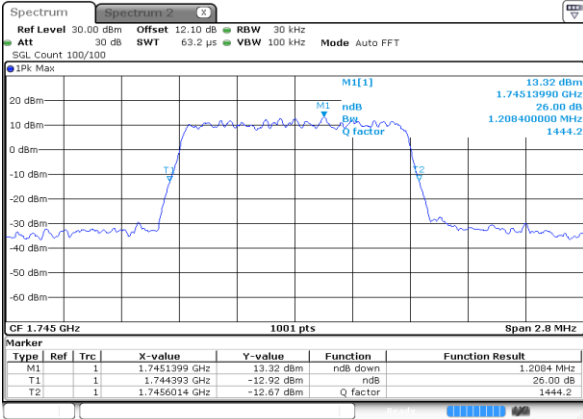


Date: 7 APR 2021 02:02:08



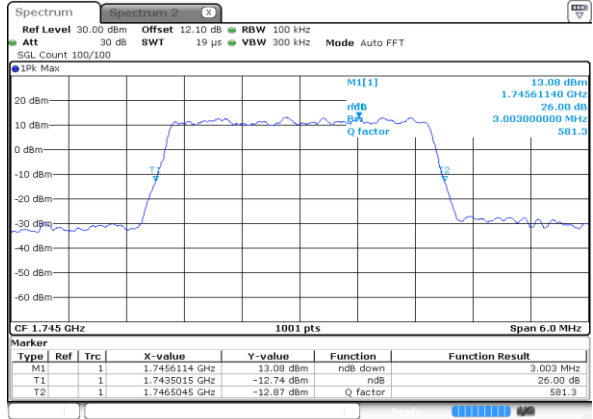
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



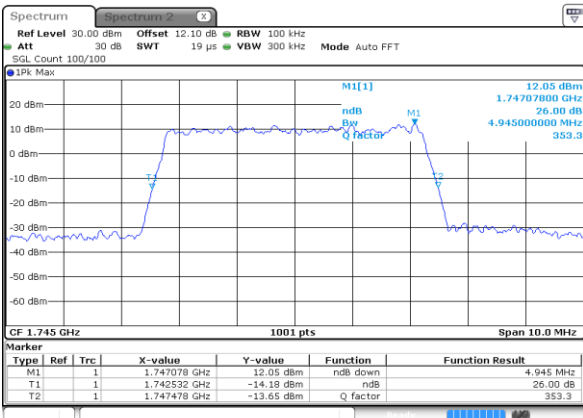
Date: 7 APR 2021 00:58:25

Middle Channel / 3MHz / 64QAM



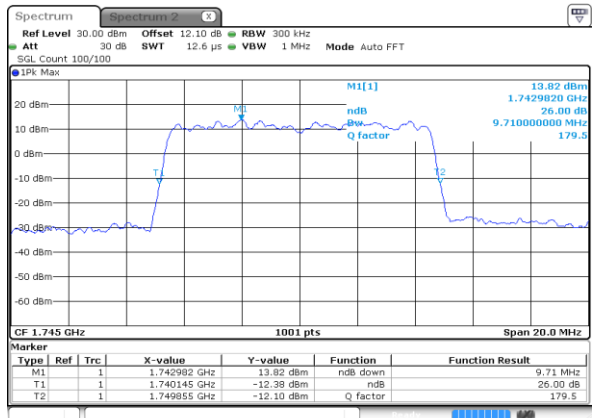
Date: 7 APR 2021 01:12:24

Middle Channel / 5MHz / 64QAM



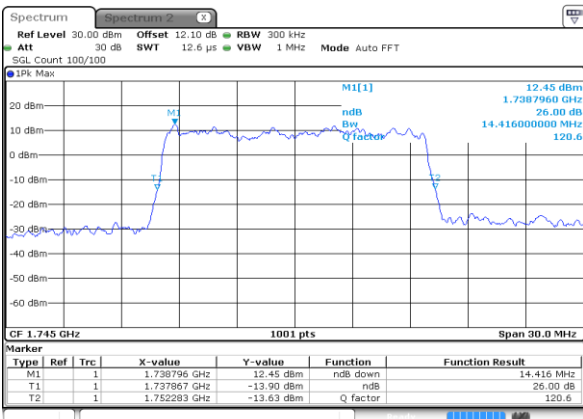
Date: 7 APR 2021 01:16:03

Middle Channel / 10MHz / 64QAM



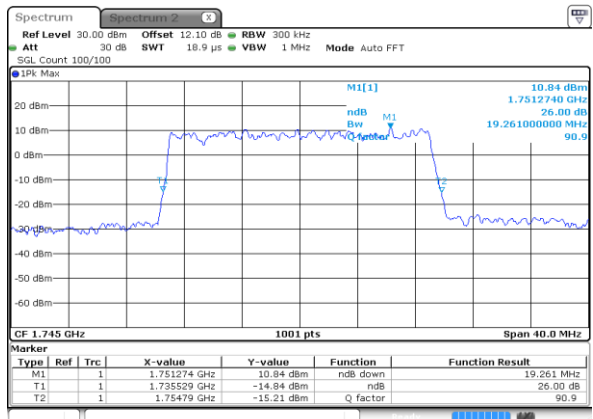
Date: 7 APR 2021 01:40:45

Middle Channel / 15MHz / 64QAM



Date: 7 APR 2021 01:44:23

Middle Channel / 20MHz / 64QAM



Date: 7 APR 2021 02:09:04



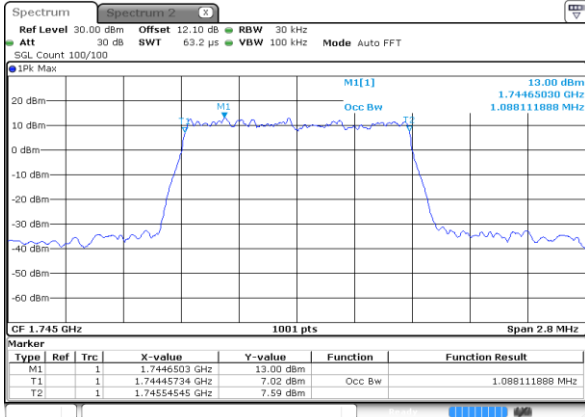
**Occupied Bandwidth**

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	2.73	2.71	4.49	4.49	9.05	8.99	13.46	13.43	17.90	17.98
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	-	2.73	-	4.48	-	9.03	-	13.43	-	17.90	-



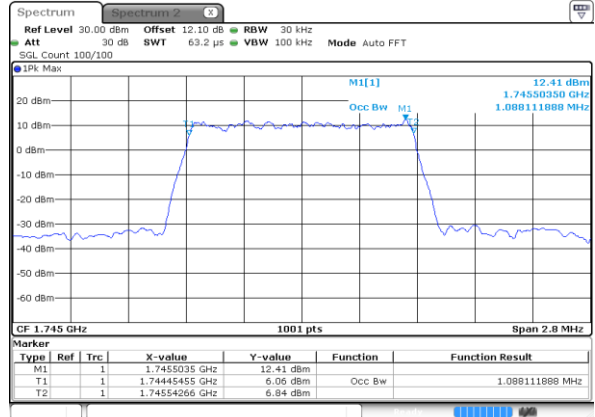
LTE Band 66

Middle Channel / 1.4MHz / QPSK



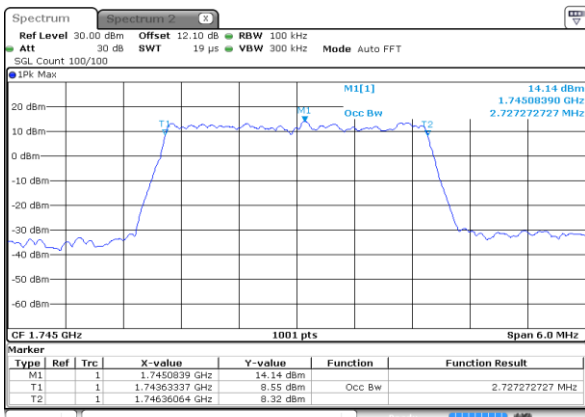
Date: 7 APR 2021 00:50:10

Middle Channel / 1.4MHz / 16QAM



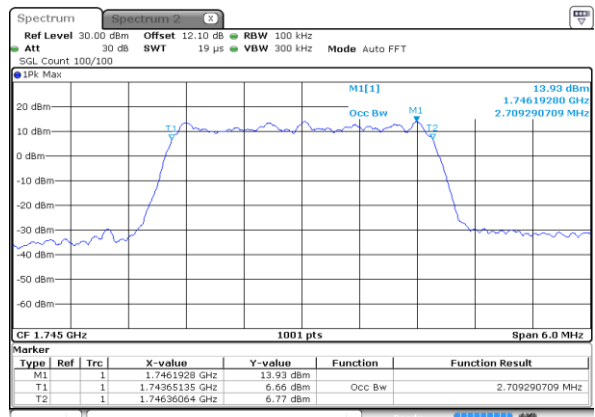
Date: 7 APR 2021 00:50:36

Middle Channel / 3MHz / QPSK



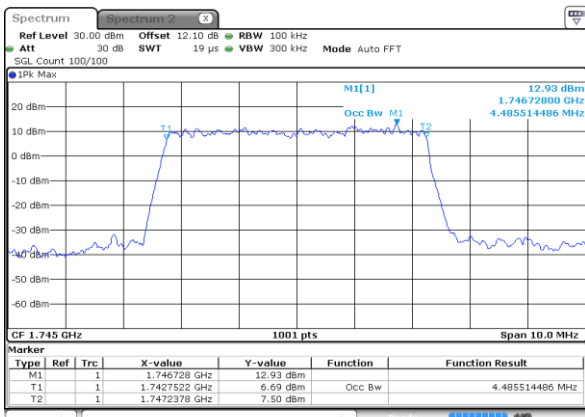
Date: 7 APR 2021 01:04:12

Middle Channel / 3MHz / 16QAM



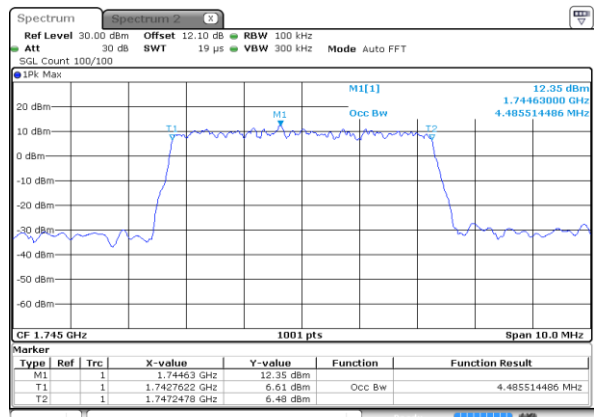
Date: 7 APR 2021 01:04:38

Middle Channel / 5MHz / QPSK



Date: 7 APR 2021 01:21:49

Middle Channel / 5MHz / 16QAM



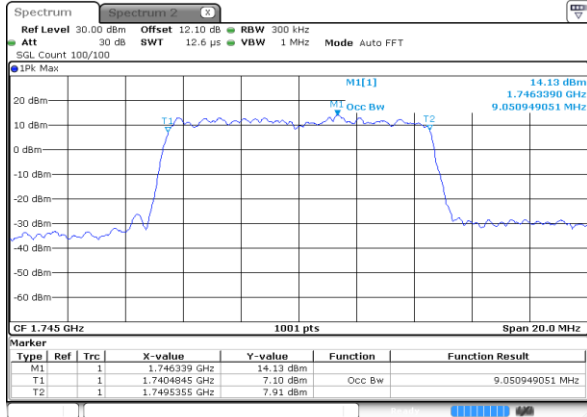
Date: 7 APR 2021 01:22:14





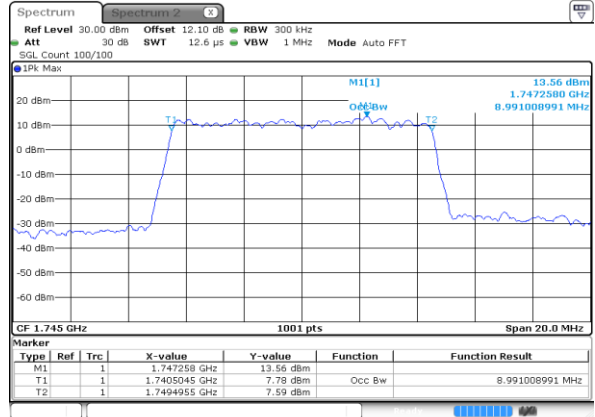
LTE Band 66

Middle Channel / 10MHz / QPSK



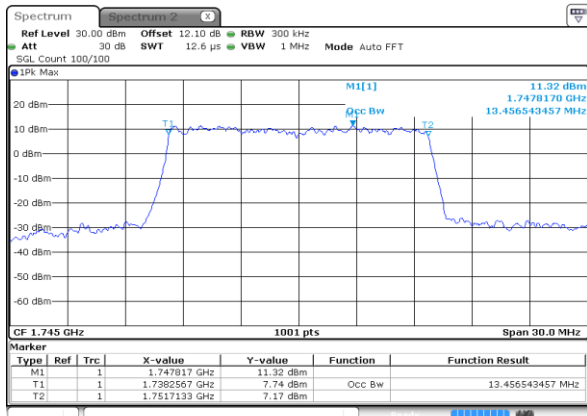
Date: 7 APR 2021 01:32:34

Middle Channel / 10MHz / 16QAM



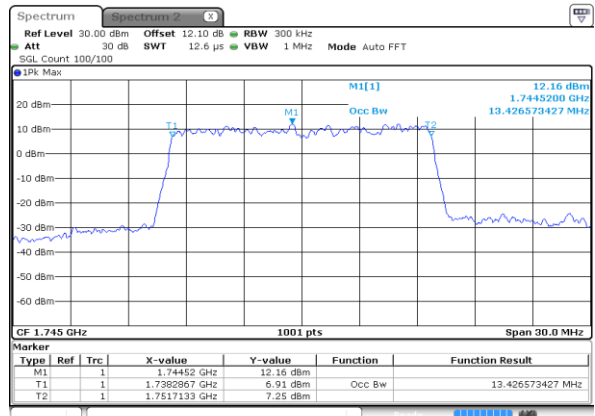
Date: 7 APR 2021 01:32:59

Middle Channel / 15MHz / QPSK



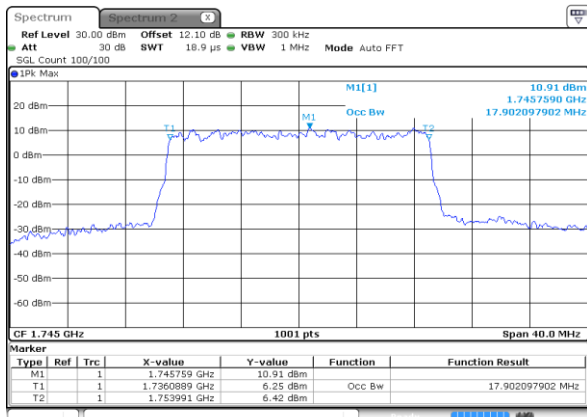
Date: 7 APR 2021 01:50:10

Middle Channel / 15MHz / 16QAM



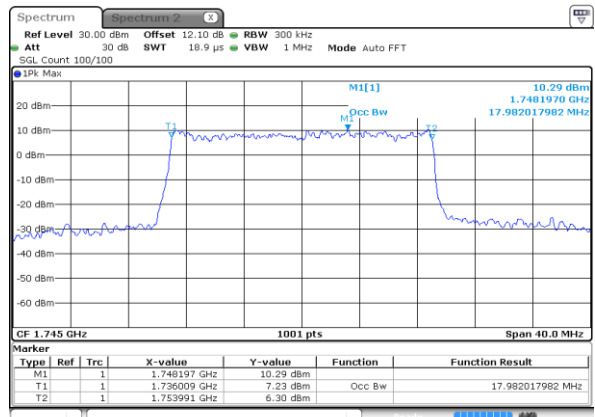
Date: 7 APR 2021 01:50:35

Middle Channel / 20MHz / QPSK



Date: 7 APR 2021 02:00:53

Middle Channel / 20MHz / 16QAM

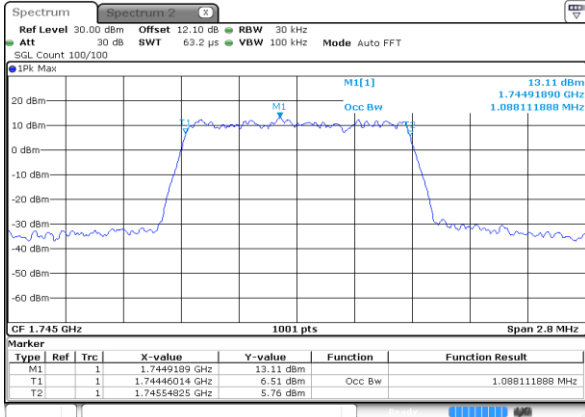


Date: 7 APR 2021 02:01:18



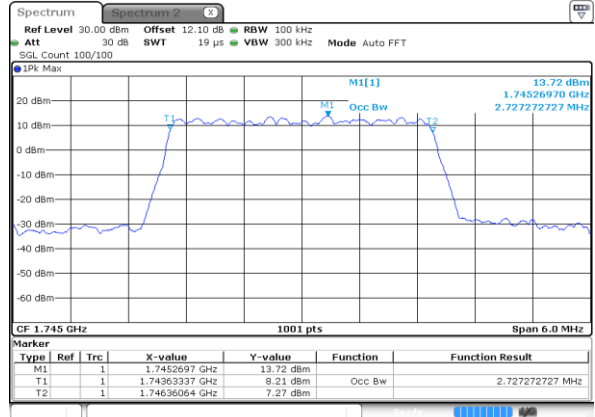
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



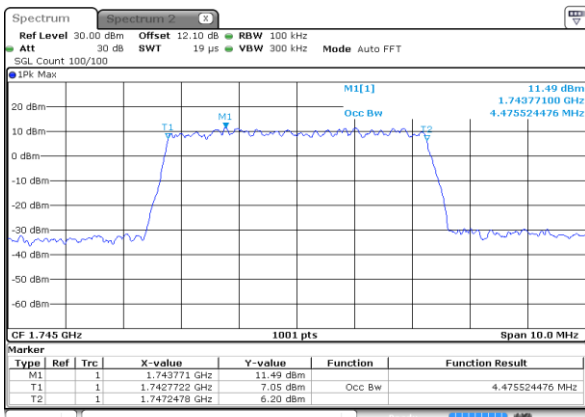
Date: 7 APR 2021 00:58:08

Middle Channel / 3MHz / 64QAM



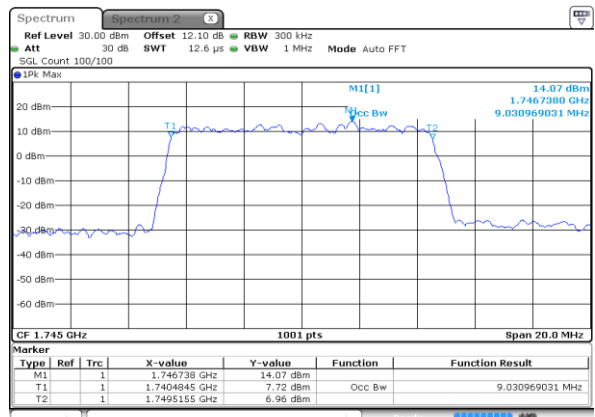
Date: 7 APR 2021 01:12:08

Middle Channel / 5MHz / 64QAM



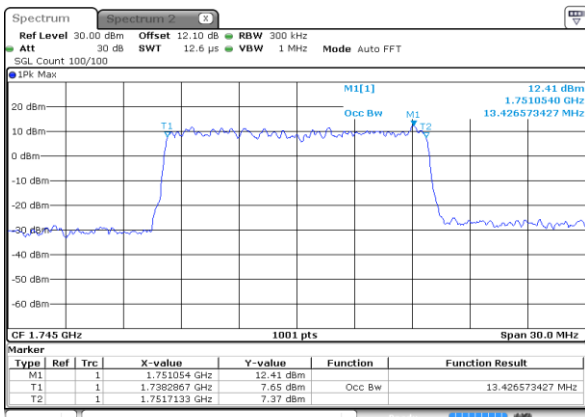
Date: 7 APR 2021 01:15:48

Middle Channel / 10MHz / 64QAM



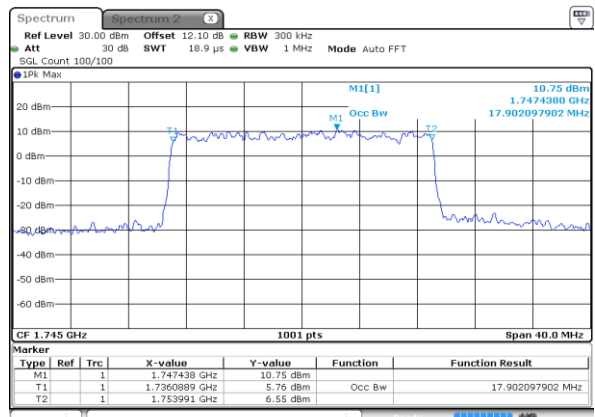
Date: 7 APR 2021 01:40:28

Middle Channel / 15MHz / 64QAM



Date: 7 APR 2021 01:44:06

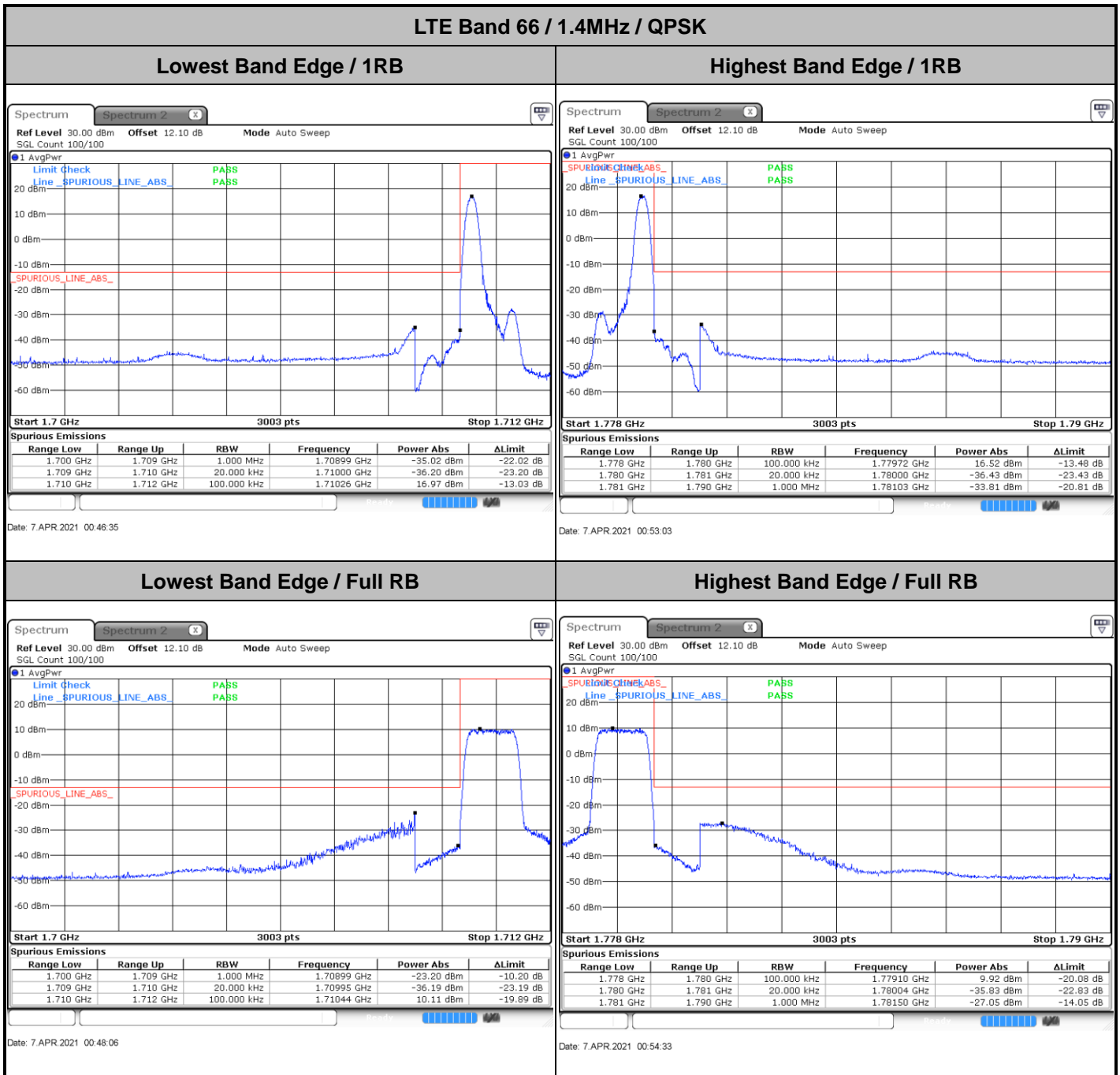
Middle Channel / 20MHz / 64QAM



Date: 7 APR 2021 02:08:48



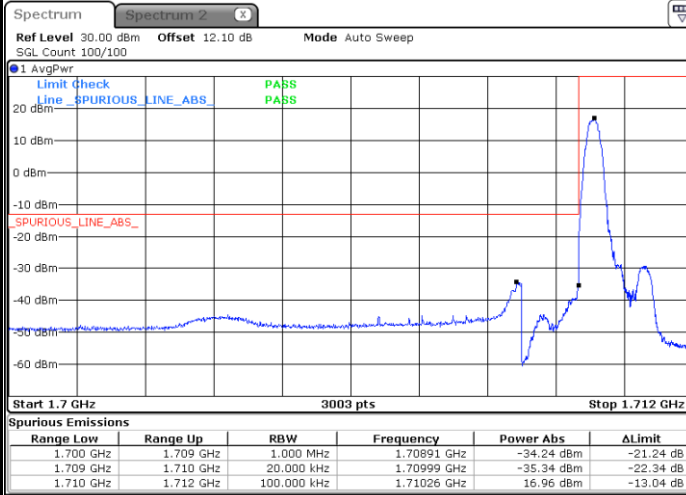
# Conducted Band Edge





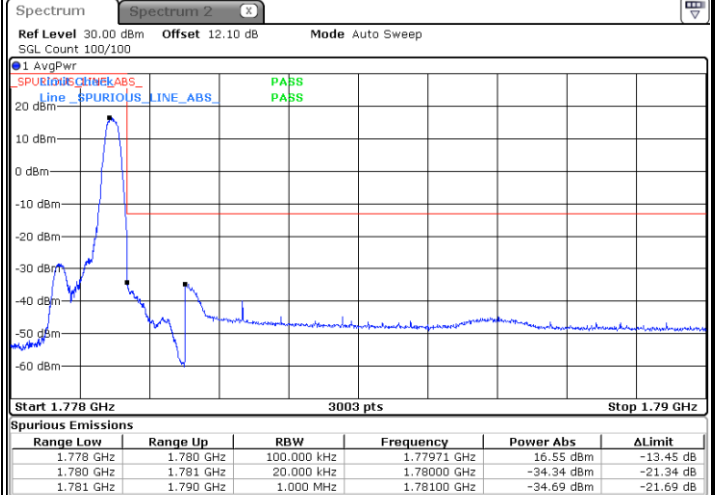
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



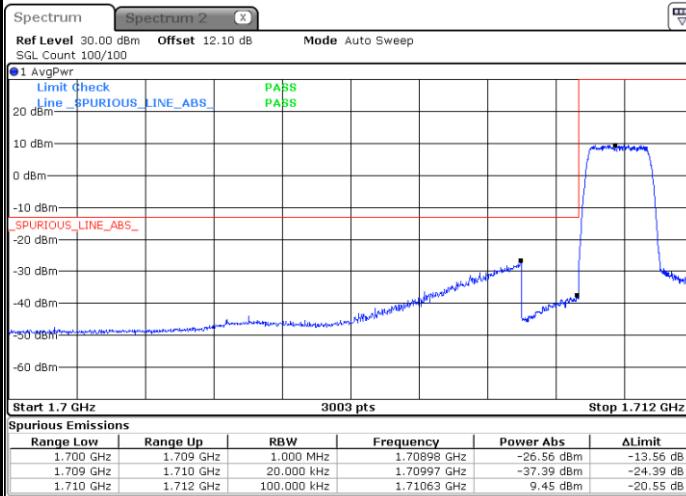
Date: 7 APR 2021 00:47:20

Highest Band Edge / 1 RB



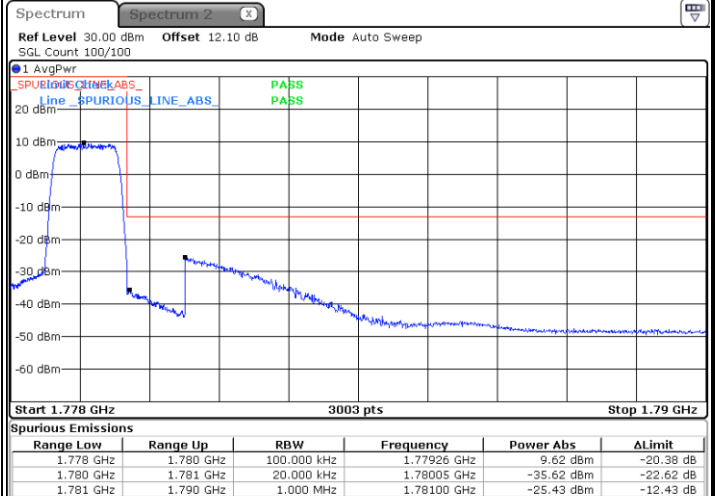
Date: 7 APR 2021 00:53:48

Lowest Band Edge / Full RB



Date: 7 APR 2021 00:48:50

Highest Band Edge / Full RB

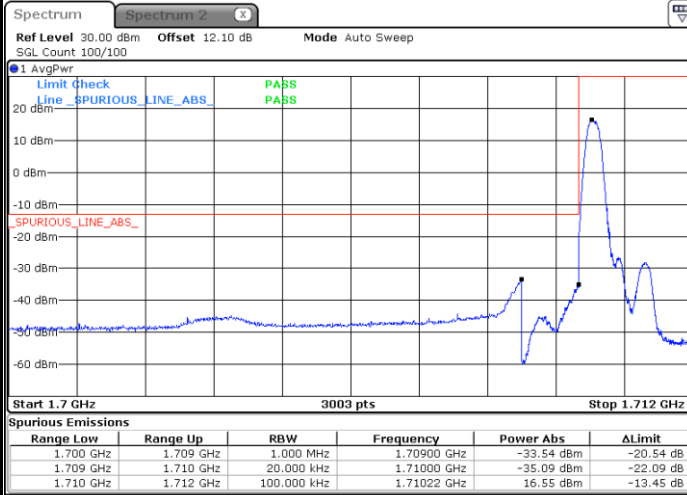


Date: 7 APR 2021 00:55:18



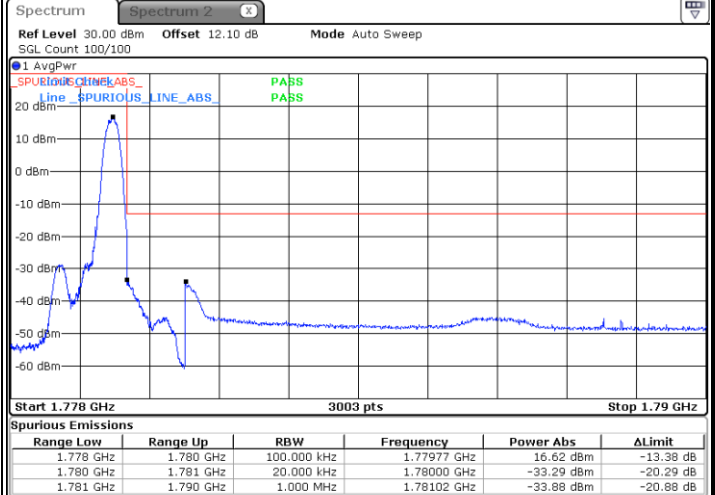
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



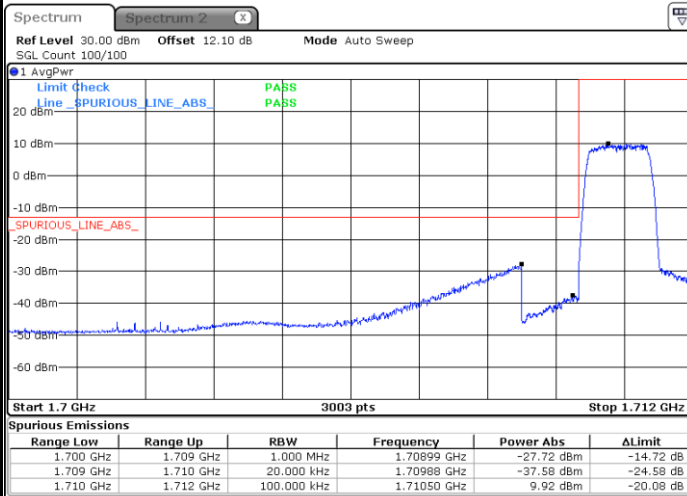
Date: 7 APR 2021 00:56:58

Highest Band Edge / 1 RB



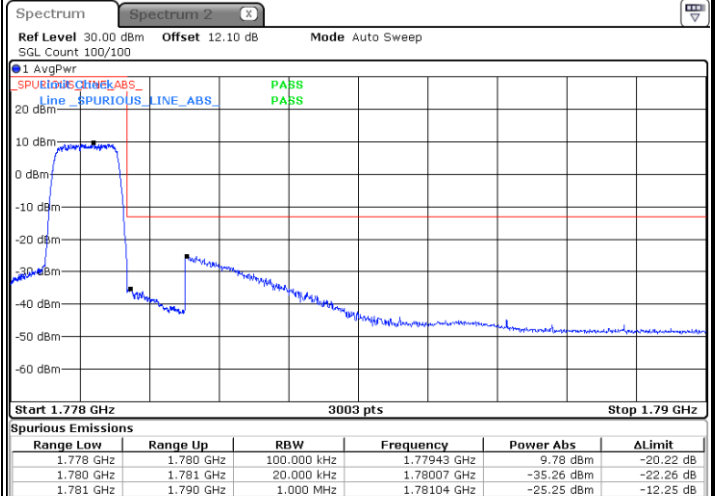
Date: 7 APR 2021 00:59:08

Lowest Band Edge / Full RB



Date: 7 APR 2021 00:57:43

Highest Band Edge / Full RB

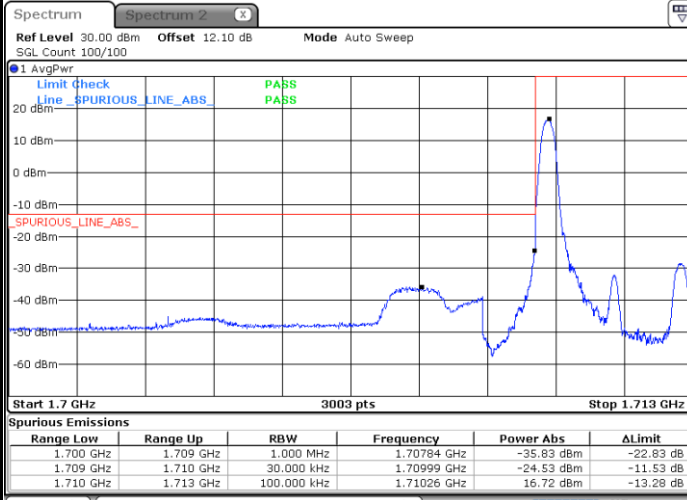


Date: 7 APR 2021 00:59:53

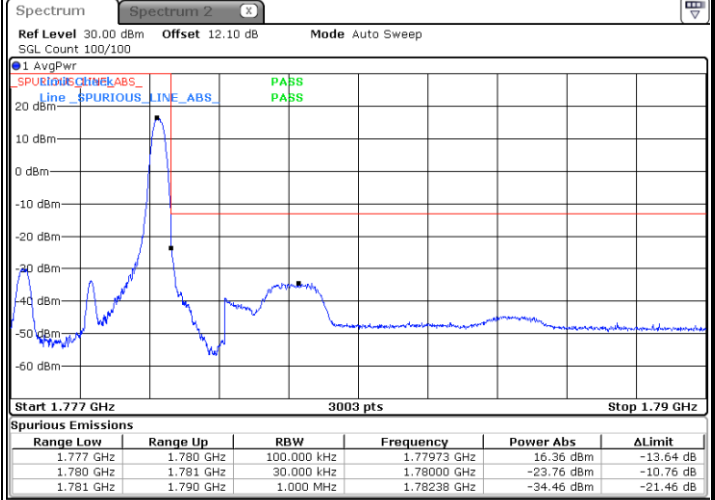


LTE Band 66 / 3MHz / QPSK

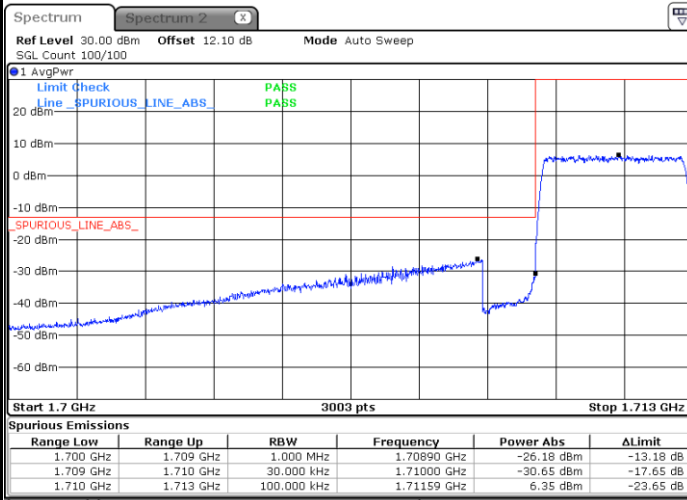
Lowest Band Edge / 1RB



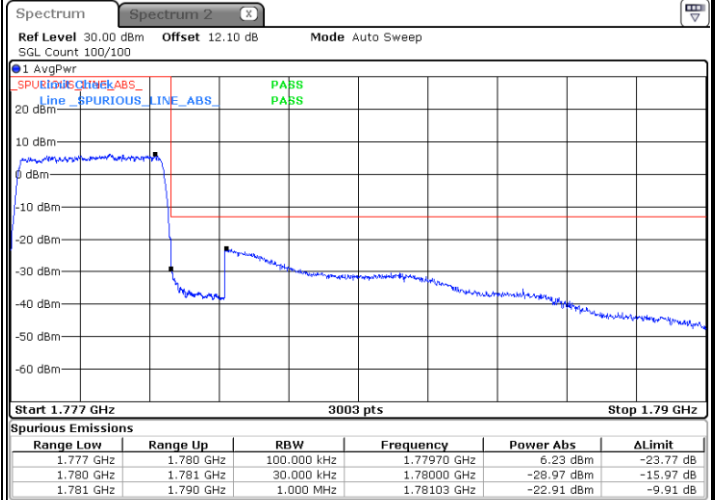
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



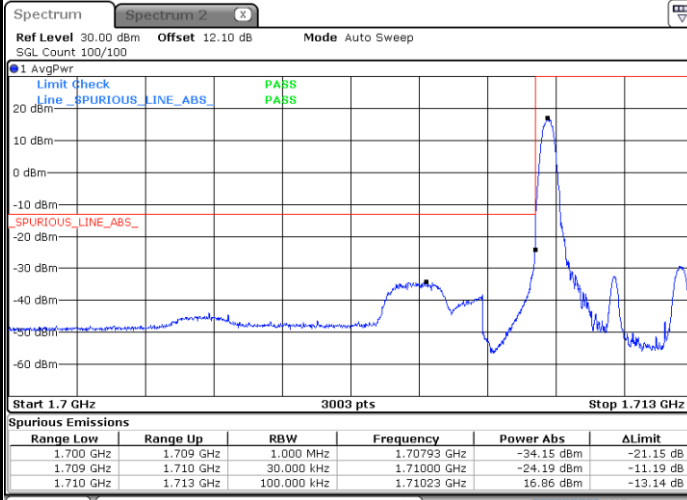
Highest Band Edge / Full RB



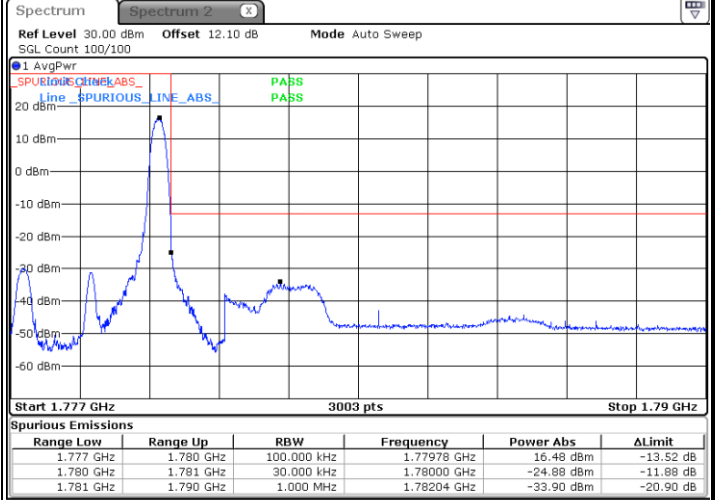


LTE Band 66 / 3MHz / 16QAM

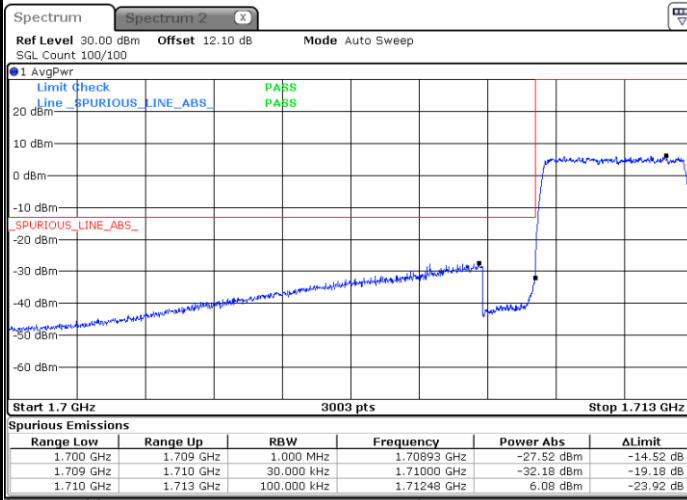
Lowest Band Edge / 1 RB



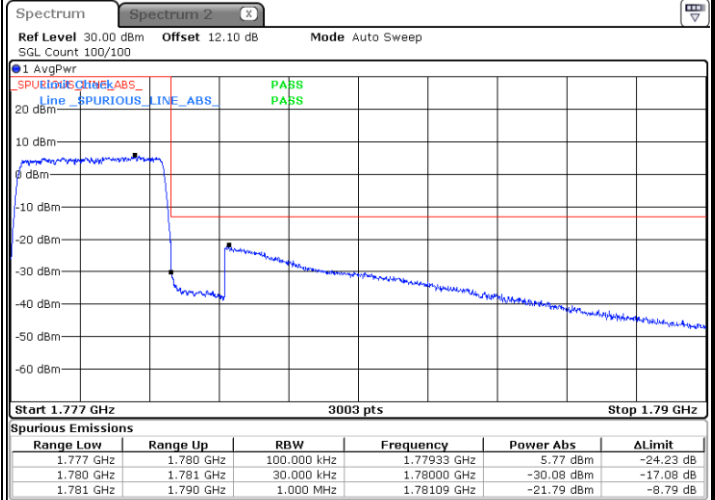
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



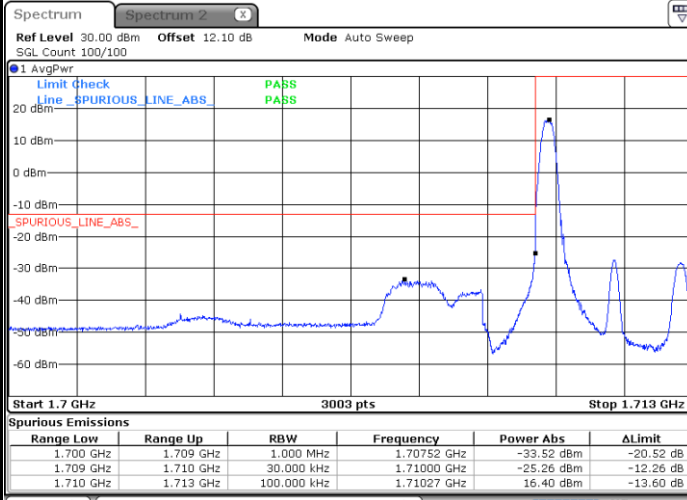
Highest Band Edge / Full RB





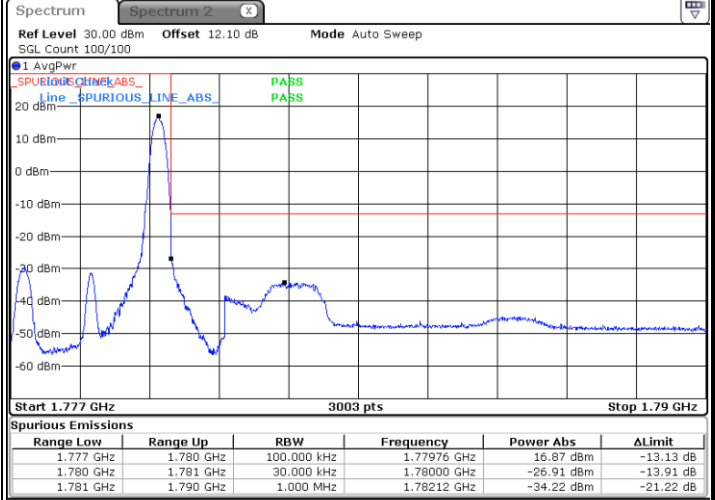
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



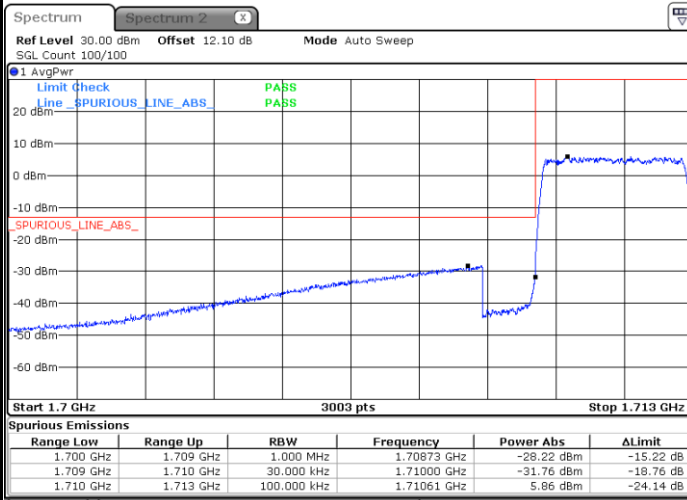
Date: 7 APR 2021 01:10:58

Highest Band Edge / 1 RB



Date: 7 APR 2021 01:13:07

Lowest Band Edge / Full RB



Date: 7 APR 2021 01:11:42

Highest Band Edge / Full RB



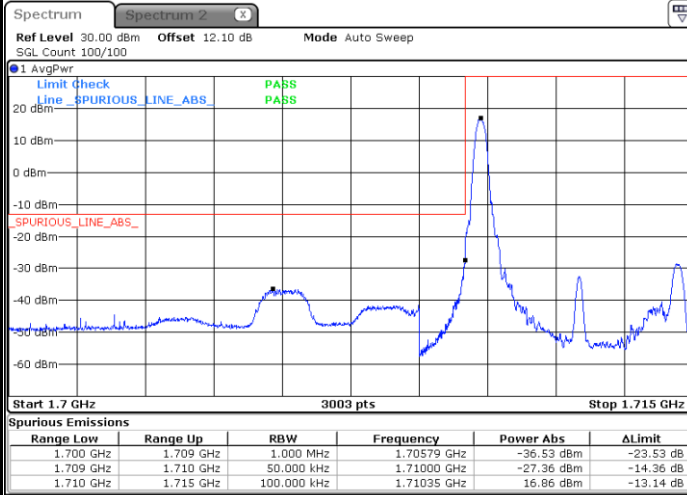
Date: 7 APR 2021 01:13:51





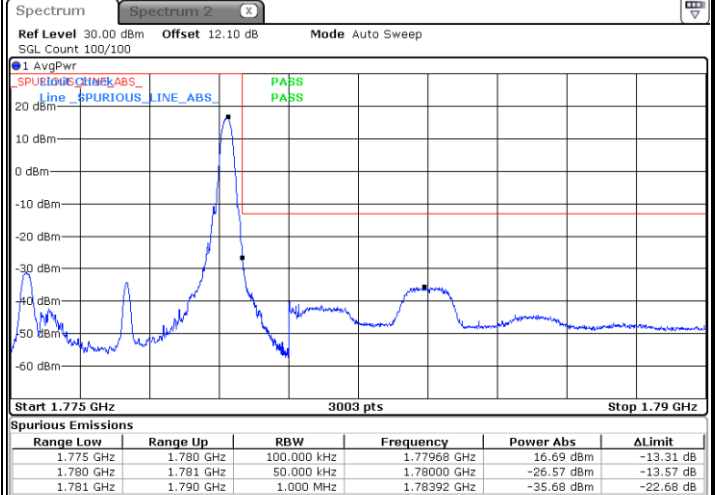
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



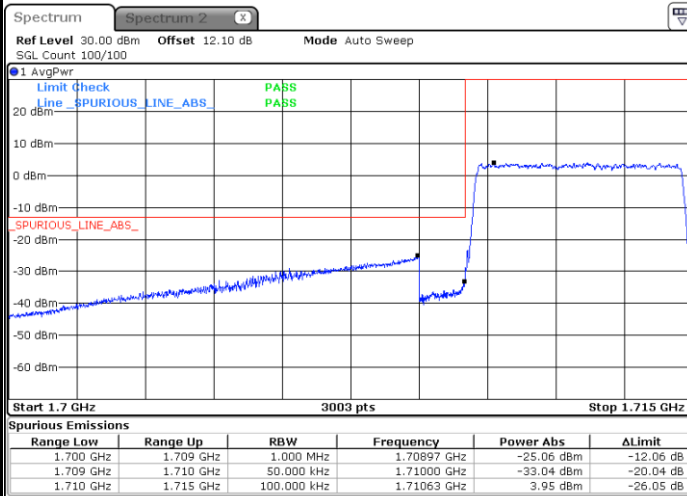
Date: 7 APR 2021 01:18:15

Highest Band Edge / 1 RB



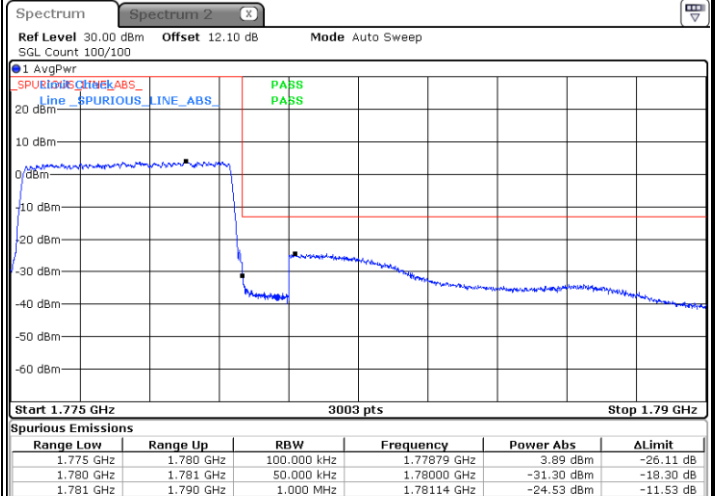
Date: 7 APR 2021 01:24:41

Lowest Band Edge / Full RB



Date: 7 APR 2021 01:19:44

Highest Band Edge / Full RB

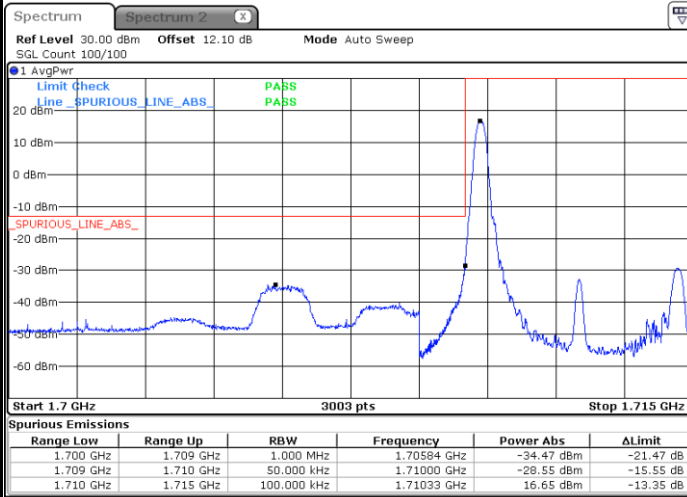


Date: 7 APR 2021 01:26:11



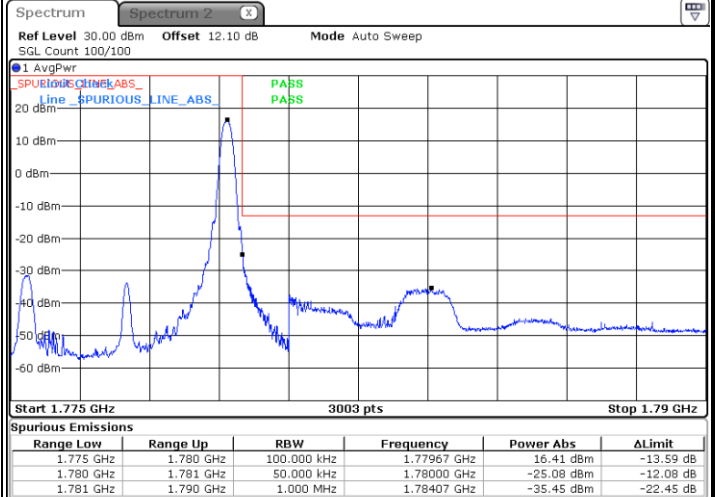
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



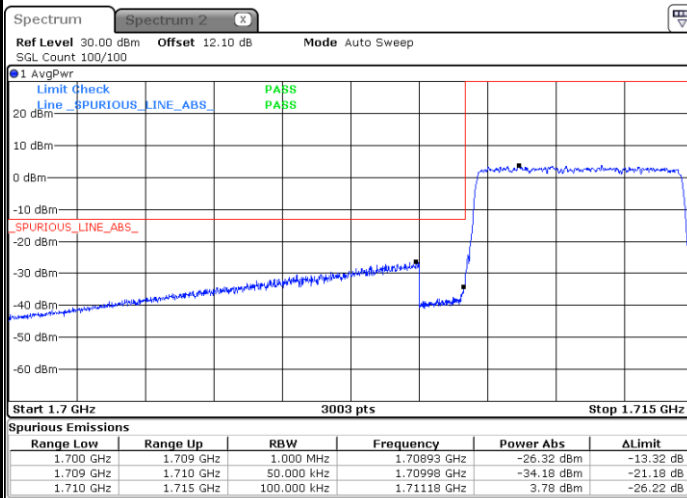
Date: 7 APR 2021 01:18:59

Highest Band Edge / 1 RB



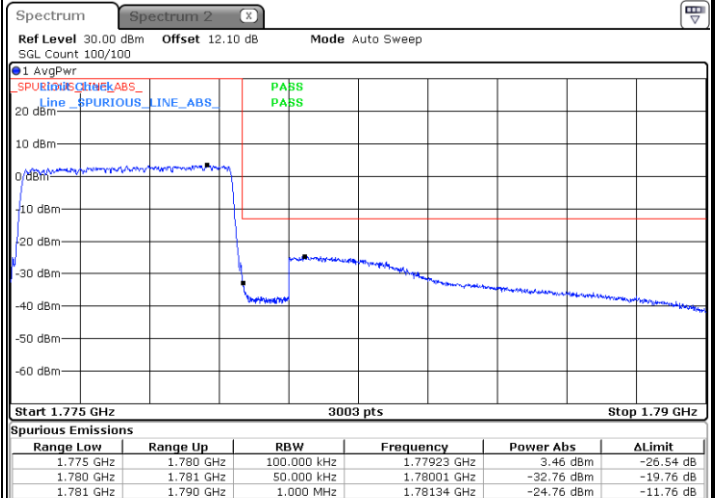
Date: 7 APR 2021 01:25:25

Lowest Band Edge / Full RB



Date: 7 APR 2021 01:20:29

Highest Band Edge / Full RB

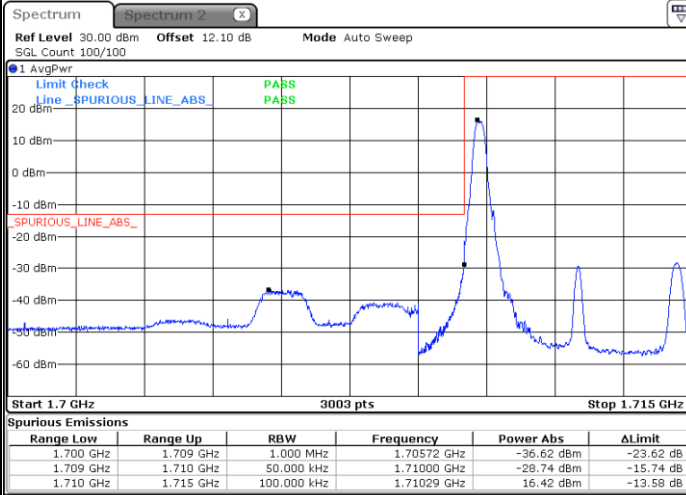


Date: 7 APR 2021 01:26:55



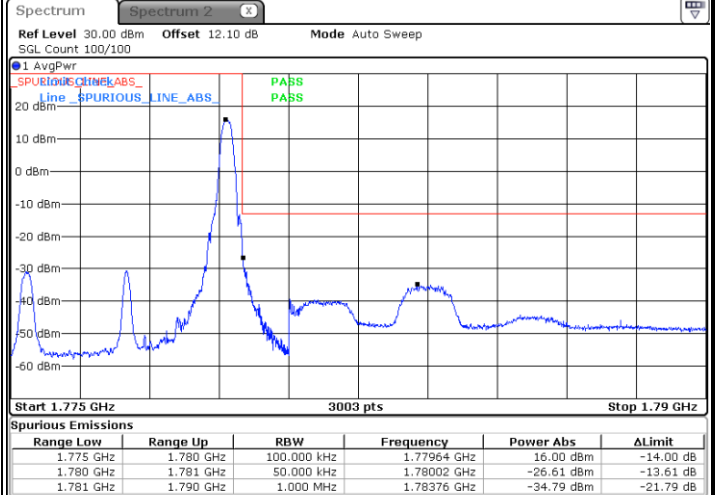
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



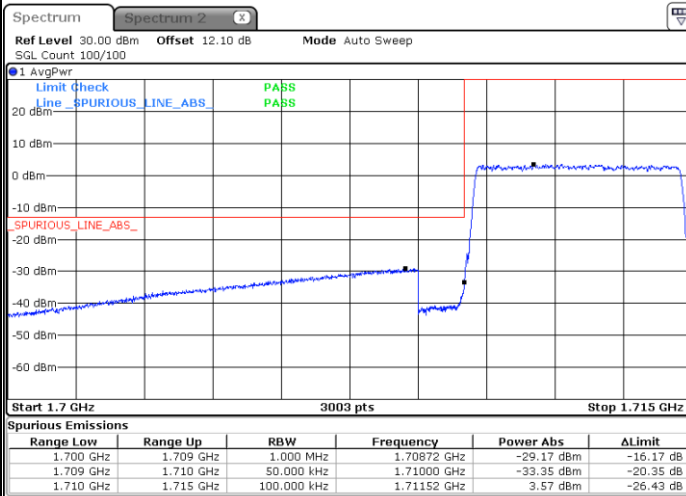
Date: 7 APR 2021 01:14:36

Highest Band Edge / 1 RB



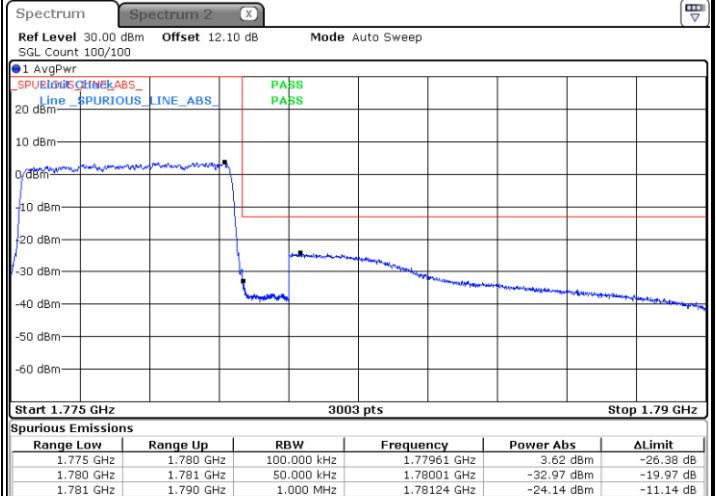
Date: 7 APR 2021 01:16:46

Lowest Band Edge / Full RB



Date: 7 APR 2021 01:15:21

Highest Band Edge / Full RB

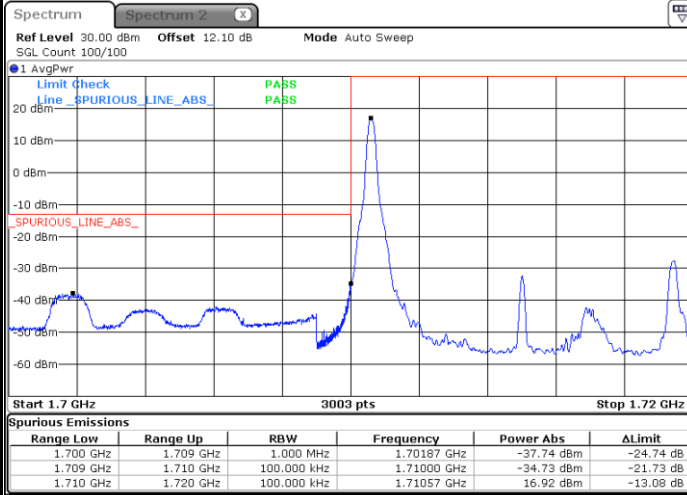


Date: 7 APR 2021 01:17:31



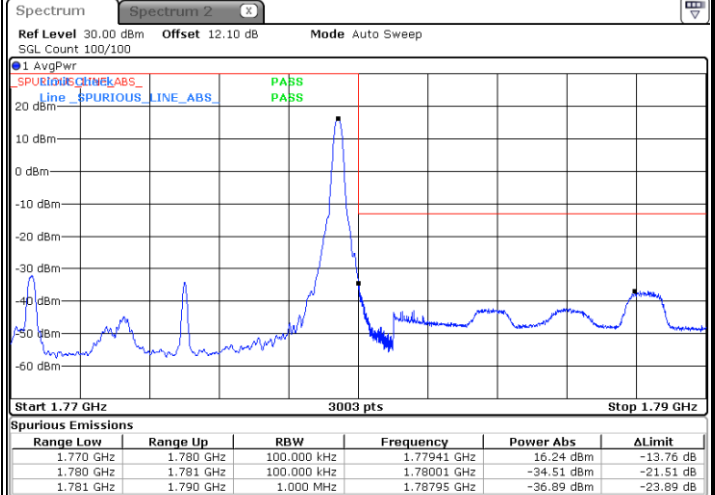
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



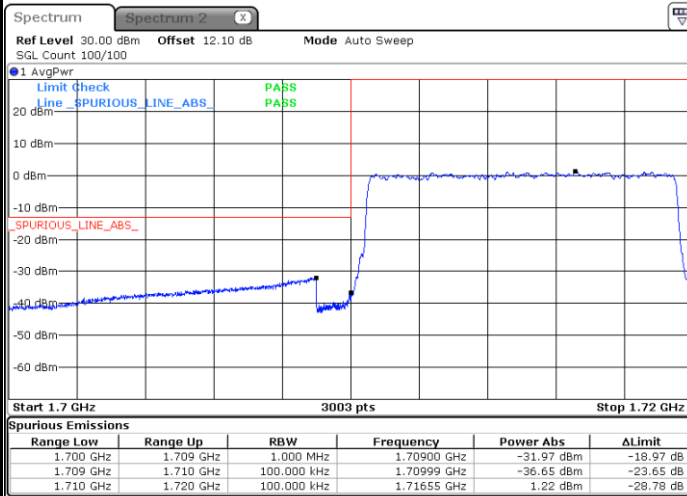
Date: 7 APR 2021 01:28:59

Highest Band Edge / 1 RB



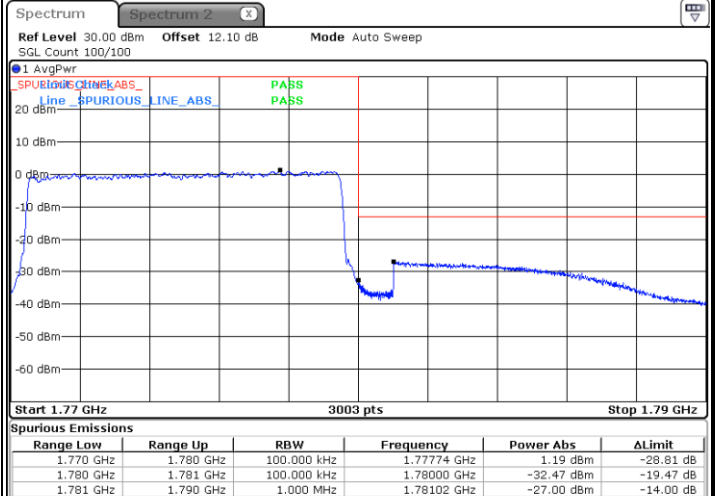
Date: 7 APR 2021 01:35:26

Lowest Band Edge / Full RB



Date: 7 APR 2021 01:30:29

Highest Band Edge / Full RB



Date: 7 APR 2021 01:36:54