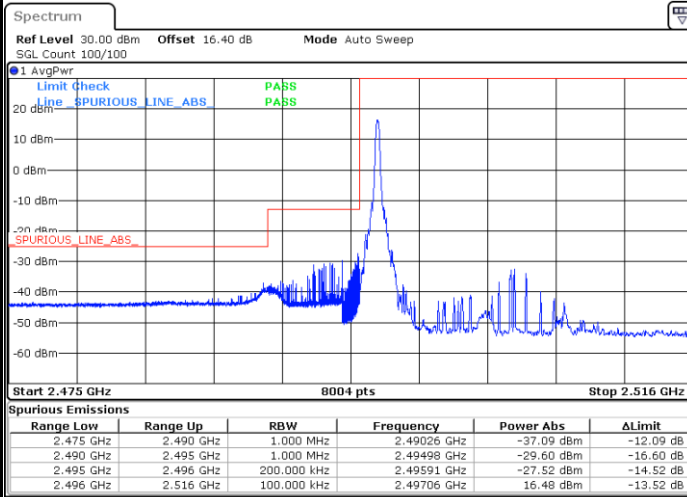




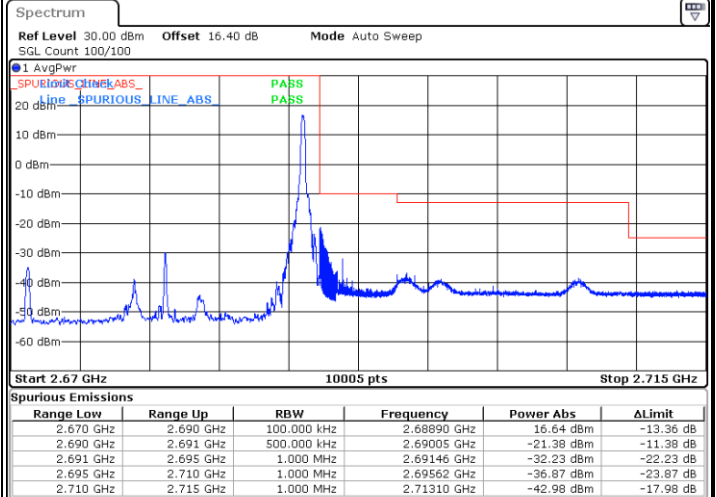
LTE Band 41 / 20MHz / QPSK

Lowest Band Edge / 1 RB



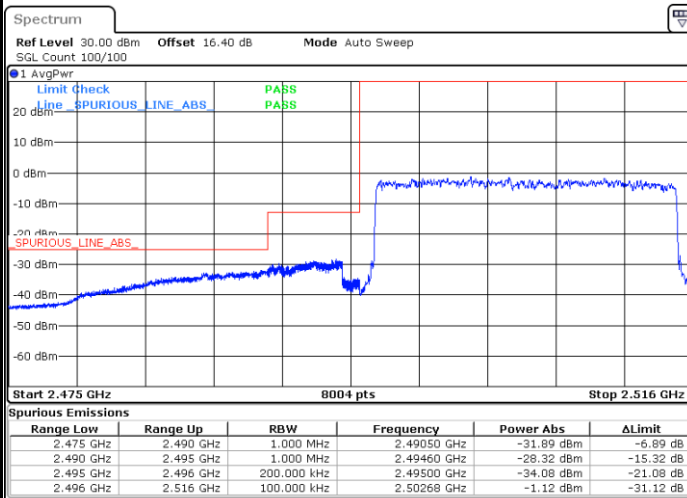
Date: 24 FEB 2021 02:48:08

Highest Band Edge / 1 RB



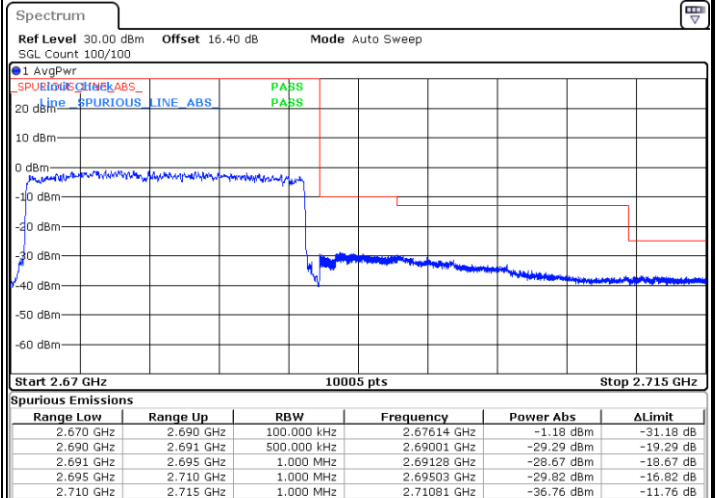
Date: 24 FEB 2021 02:50:38

Lowest Band Edge / Full RB



Date: 24 FEB 2021 02:49:23

Highest Band Edge / Full RB

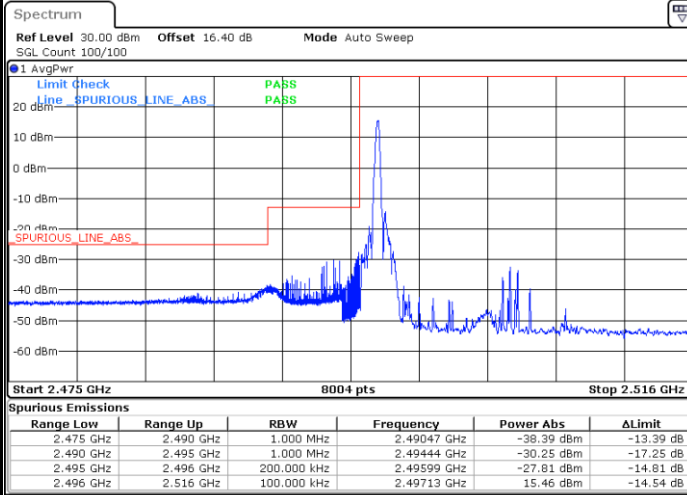


Date: 24 FEB 2021 02:52:29



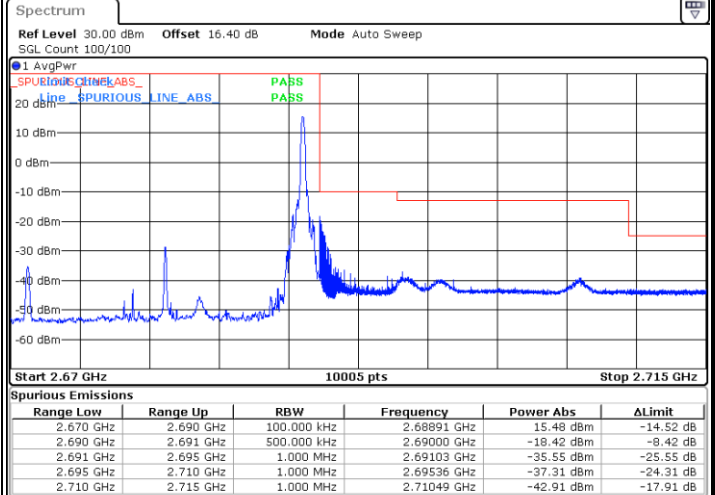
LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



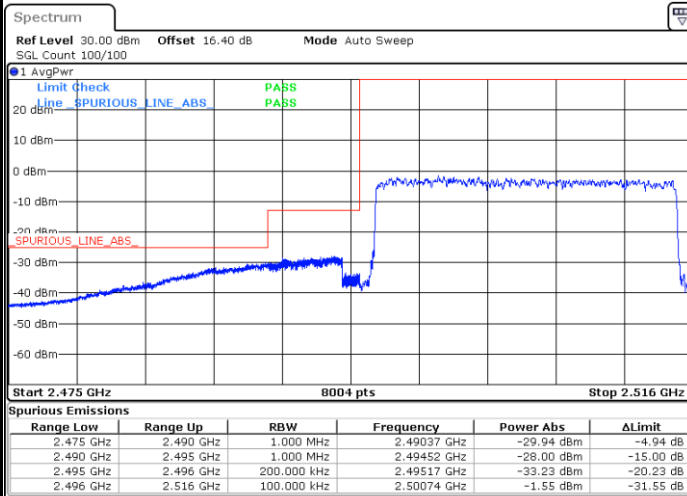
Date: 24 FEB 2021 02:48:46

Highest Band Edge / 1 RB



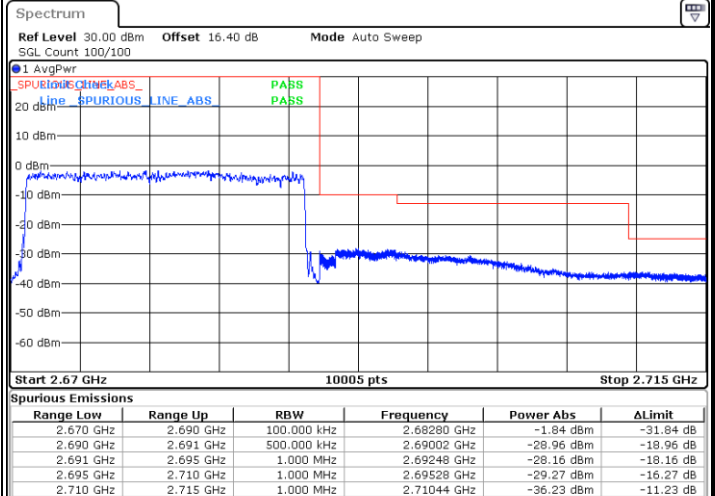
Date: 24 FEB 2021 02:51:15

Lowest Band Edge / Full RB



Date: 24 FEB 2021 02:50:00

Highest Band Edge / Full RB

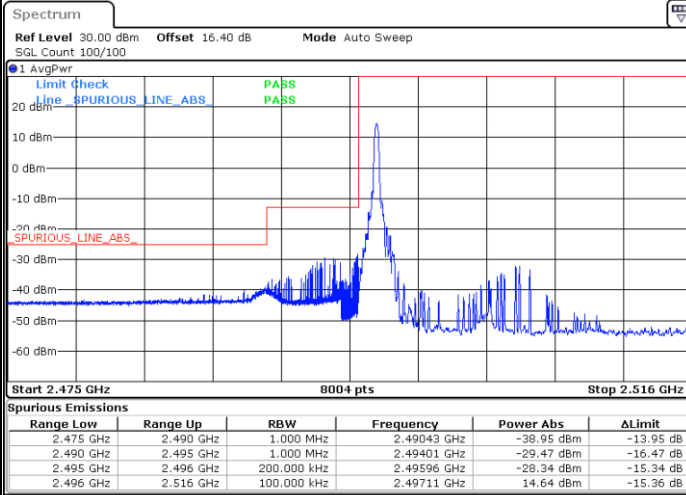


Date: 24 FEB 2021 02:51:52



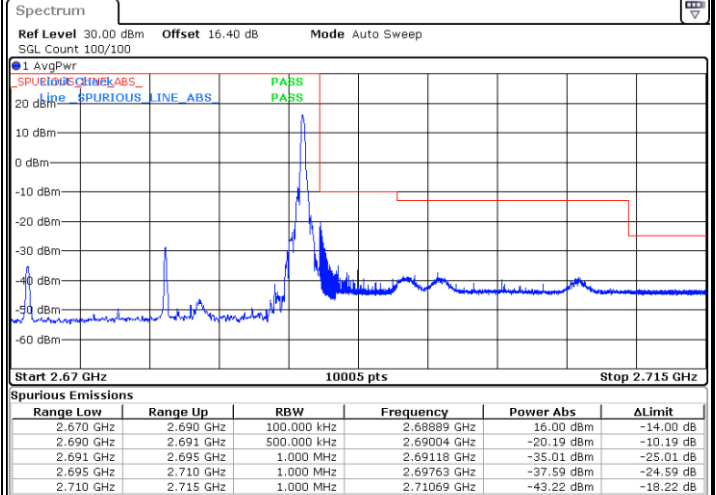
LTE Band 41 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



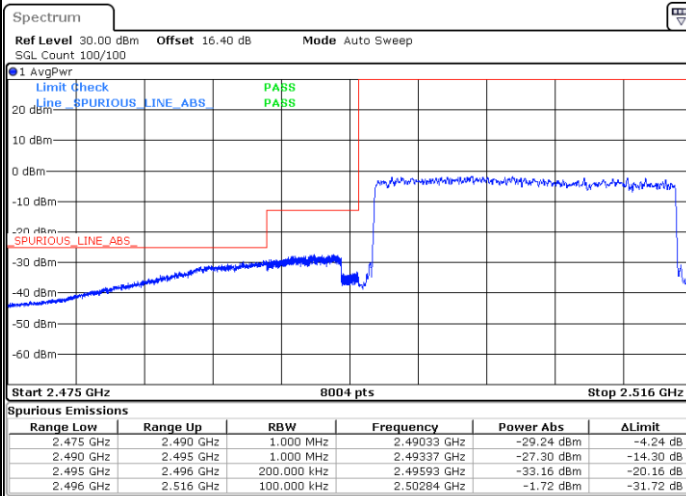
Date: 24 FEB 2021 02:53:06

Highest Band Edge / 1 RB



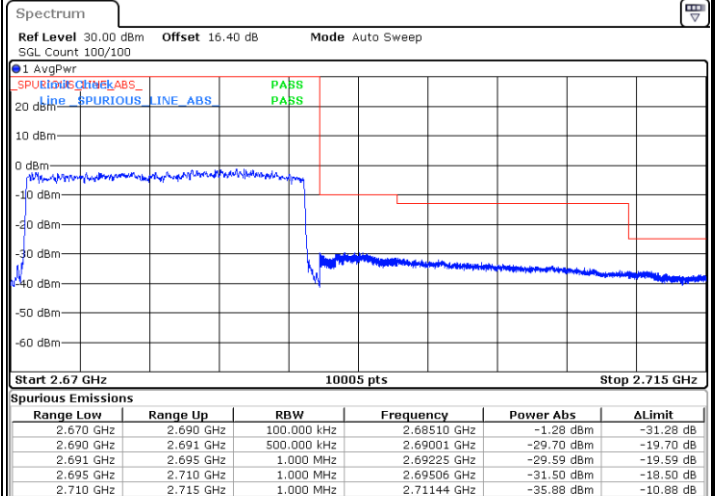
Date: 24 FEB 2021 02:54:21

Lowest Band Edge / Full RB



Date: 24 FEB 2021 02:53:43

Highest Band Edge / Full RB



Date: 24 FEB 2021 02:54:58

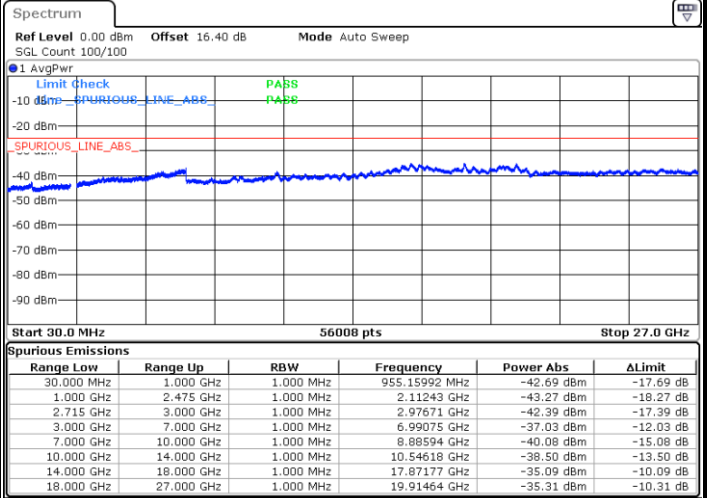
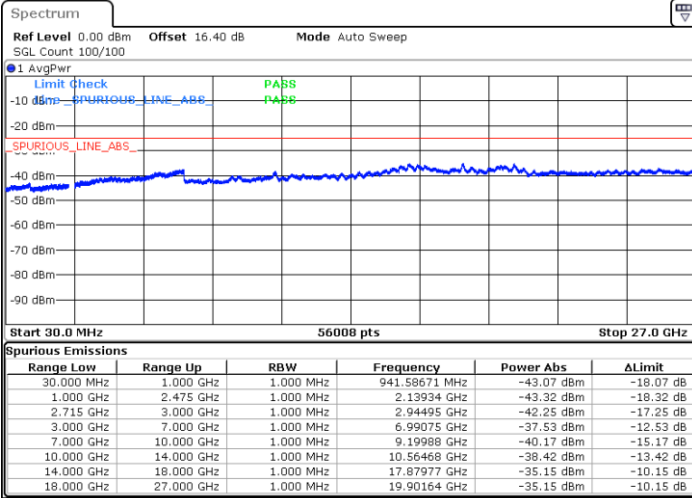


Conducted Spurious Emission

LTE Band 41 / 5MHz

Lowest Channel / QPSK

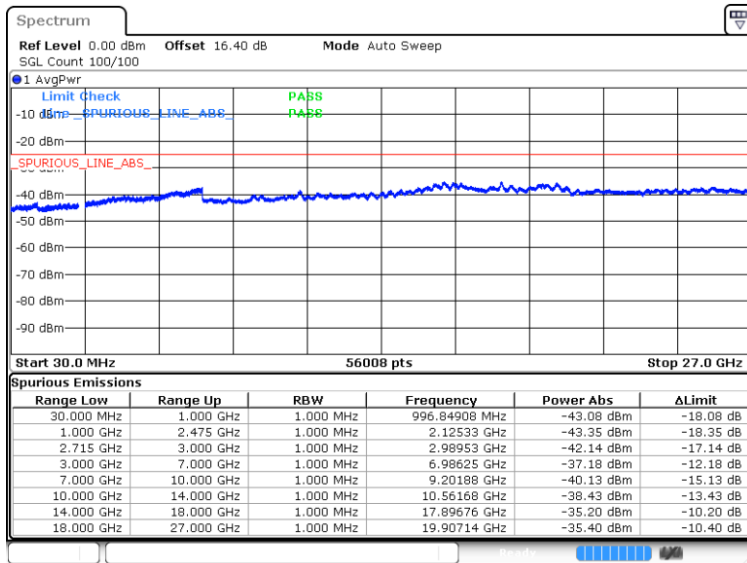
Middle Channel / QPSK



Date: 24.FEB.2021 02:01:32

Date: 24.FEB.2021 02:02:55

Highest Channel / QPSK



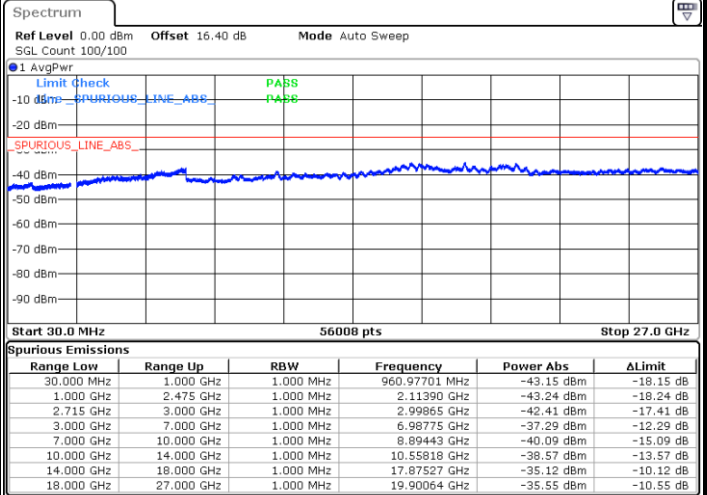
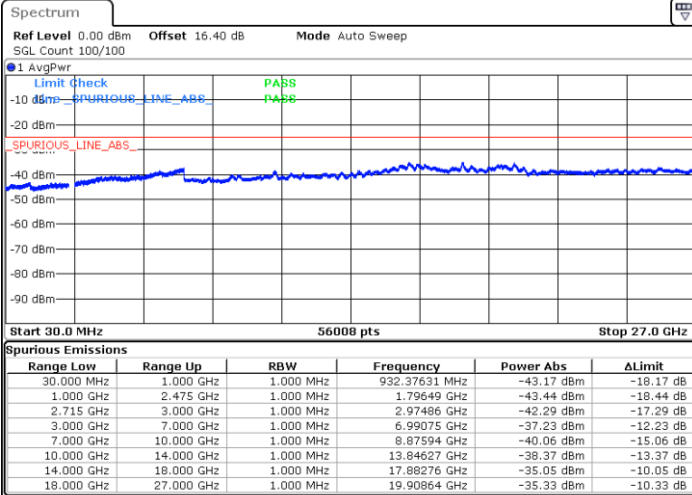
Date: 24.FEB.2021 02:04:17



LTE Band 41 / 10MHz

Lowest Channel / QPSK

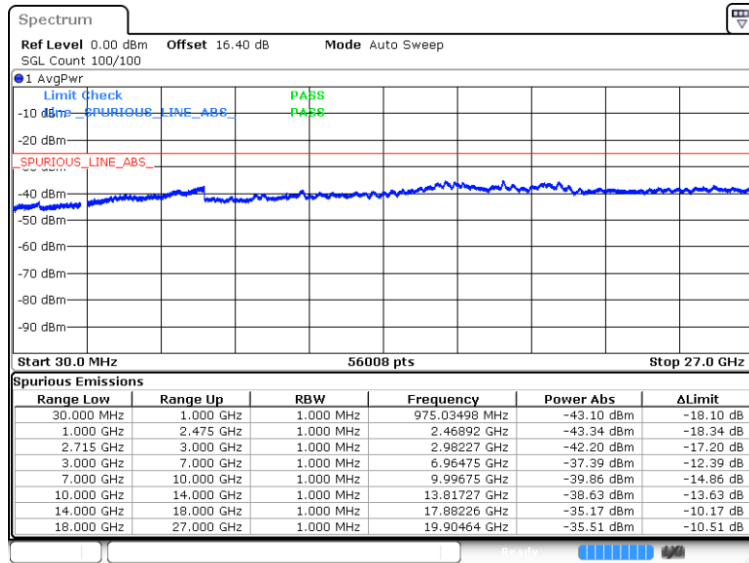
Middle Channel / QPSK



Date: 24 FEB 2021 02:21:01

Date: 24 FEB 2021 02:22:24

Highest Channel / QPSK



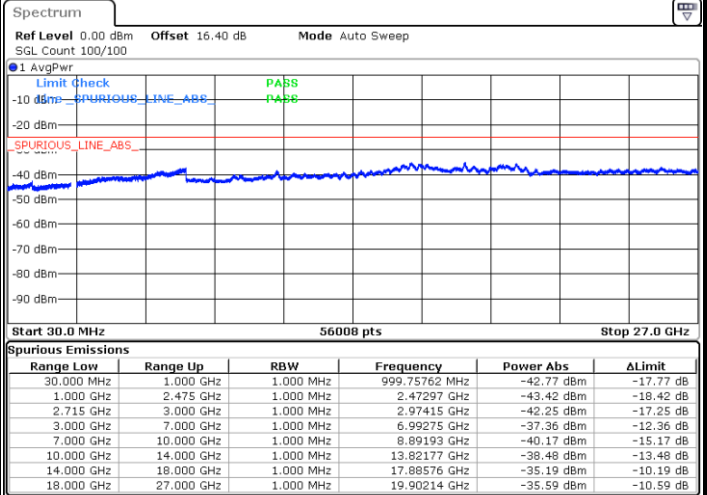
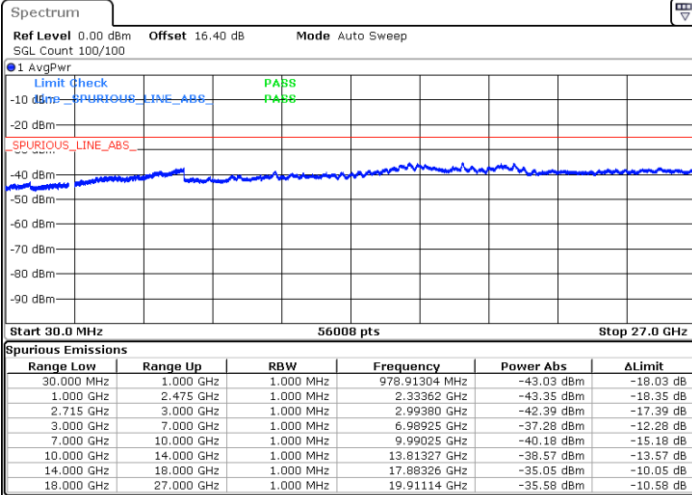
Date: 24 FEB 2021 02:23:46



LTE Band 41 / 15MHz

Lowest Channel / QPSK

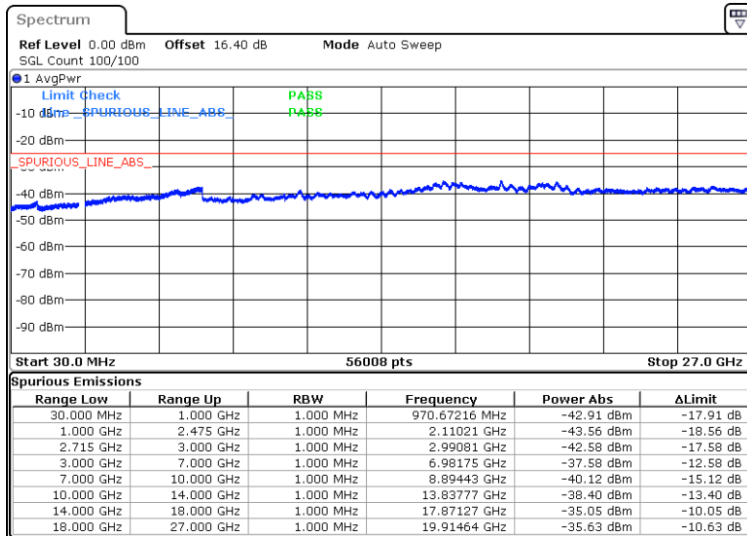
Middle Channel / QPSK



Date: 24.FEB.2021 02:40:57

Date: 24.FEB.2021 02:42:19

Highest Channel / QPSK



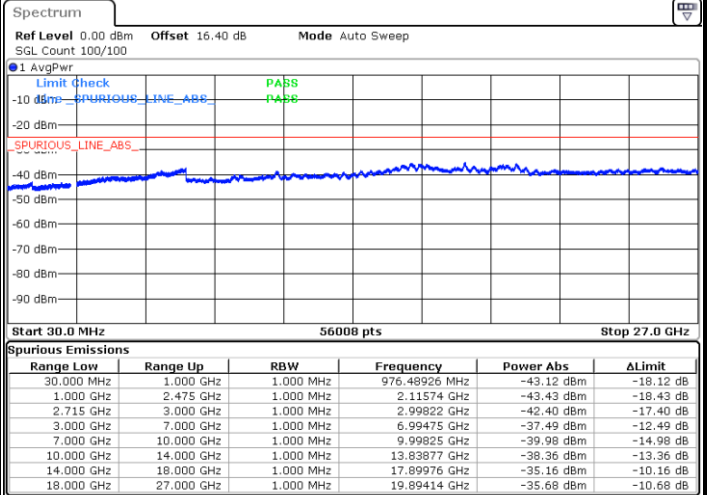
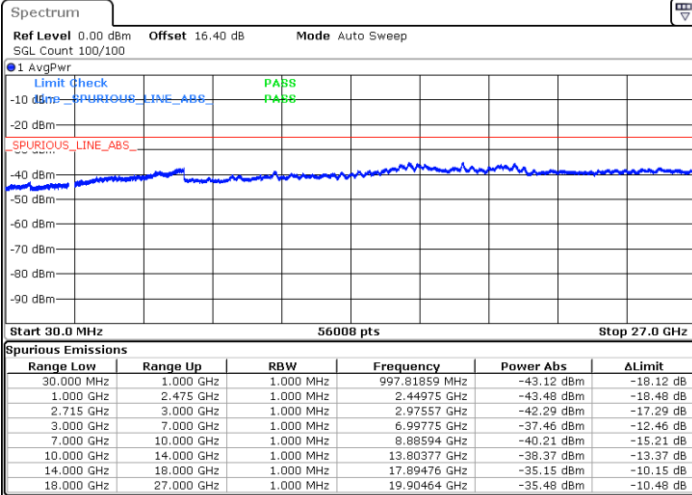
Date: 24.FEB.2021 02:43:42



LTE Band 41 / 20MHz

Lowest Channel / QPSK

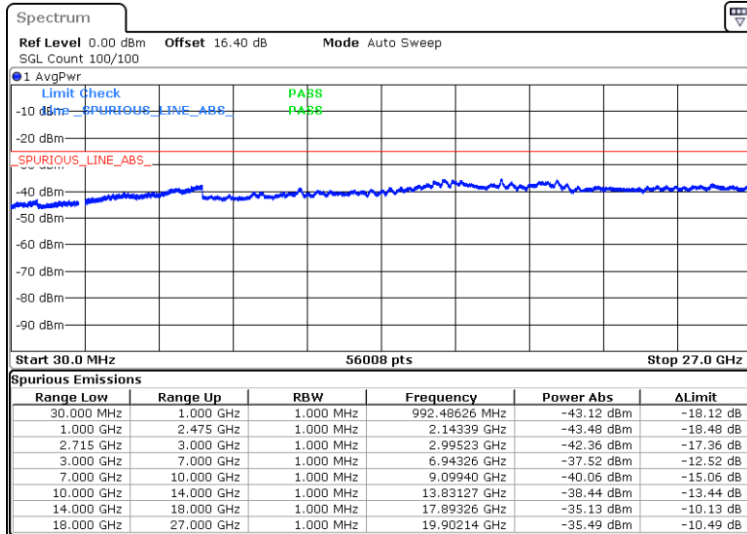
Middle Channel / QPSK



Date: 24 FEB 2021 02:56:20

Date: 24 FEB 2021 02:57:43

Highest Channel / QPSK



Date: 24 FEB 2021 02:59:06



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	0.0004	PASS
40	Normal Voltage	0.0007	
30	Normal Voltage	0.0001	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0012	
0	Normal Voltage	0.0013	
-10	Normal Voltage	0.0001	
-20	Normal Voltage	0.0001	
-30	Normal Voltage	0.0048	
20	Maximum Voltage	0.0038	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0015	

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

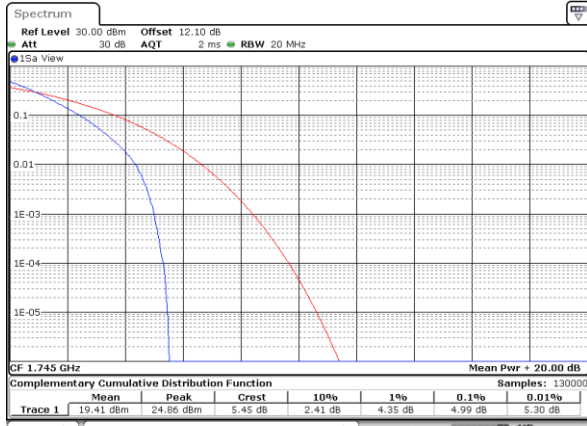
Peak-to-Average Ratio

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	4.99	5.83	6.46	-	PASS



LTE Band 66 / 20MHz / QPSK

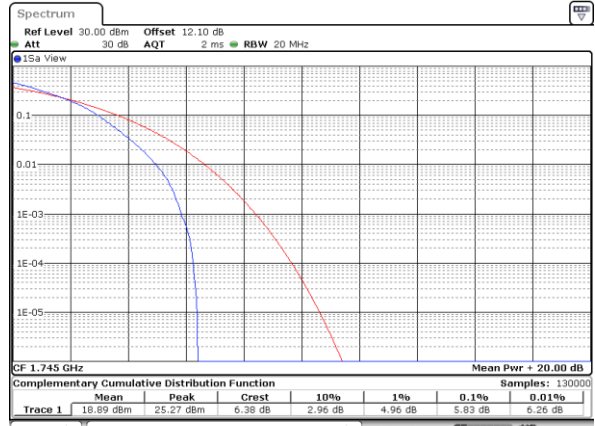
Middle Channel / Full RB



Date: 24 FEB 2021 16:01:06

LTE Band 66 / 20MHz / 16QAM

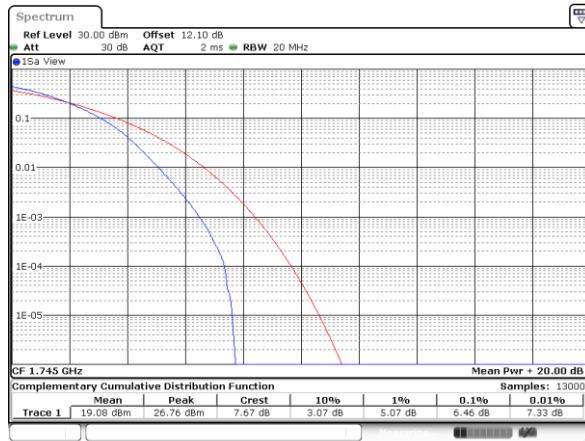
Middle Channel / Full RB



Date: 24 FEB 2021 16:00:40

LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 24 FEB 2021 16:01:32



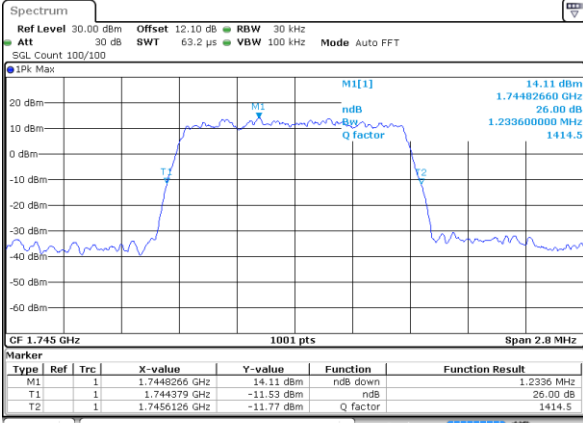
26dB Bandwidth

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	2.97	2.97	4.94	4.88	9.77	9.69	14.48	14.27	18.78	18.98
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	1.23	-	3.02	-	4.89	-	9.75	-	14.60	-	18.86	-



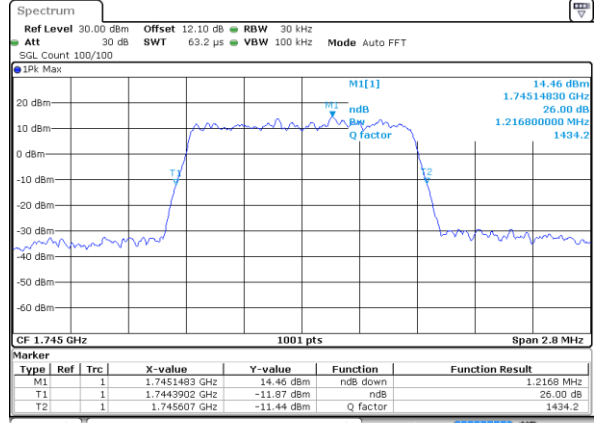
LTE Band 66

Middle Channel / 1.4MHz / QPSK



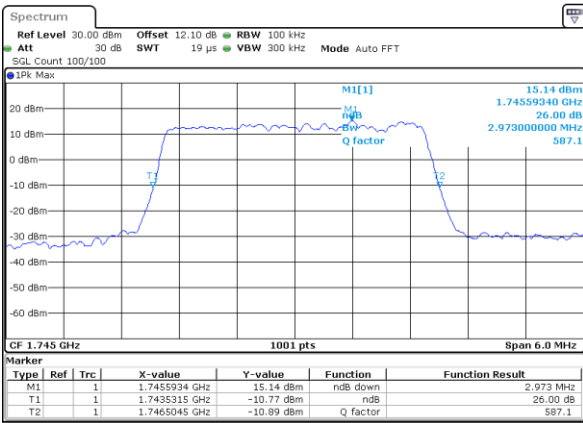
Date: 24 FEB 2021 12:50:34

Middle Channel / 1.4MHz / 16QAM



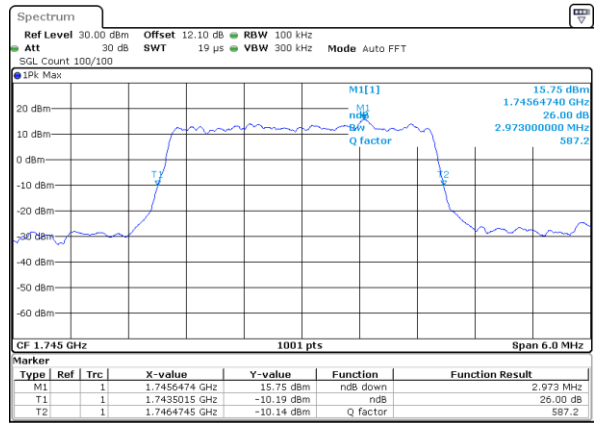
Date: 24 FEB 2021 12:50:58

Middle Channel / 3MHz / QPSK



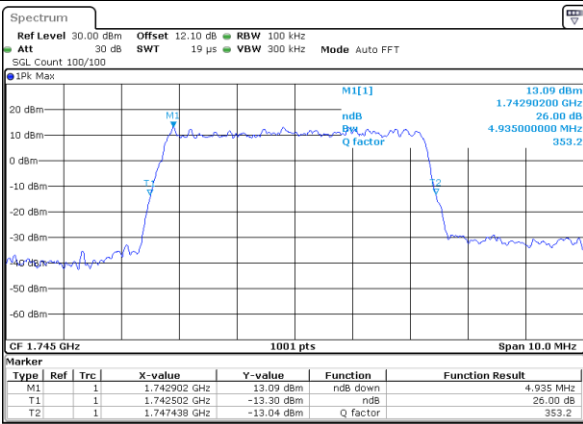
Date: 24 FEB 2021 13:05:06

Middle Channel / 3MHz / 16QAM



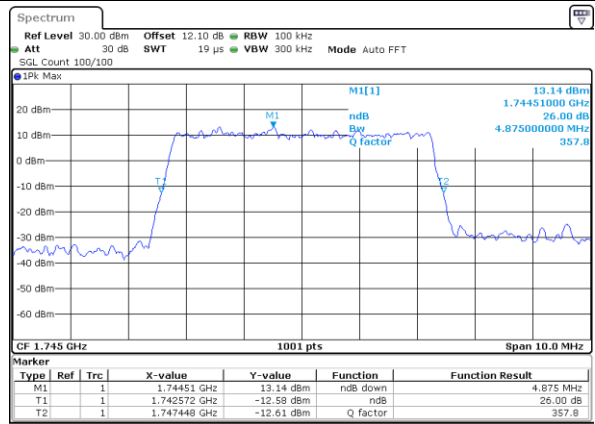
Date: 24 FEB 2021 13:05:29

Middle Channel / 5MHz / QPSK



Date: 24 FEB 2021 13:22:47

Middle Channel / 5MHz / 16QAM

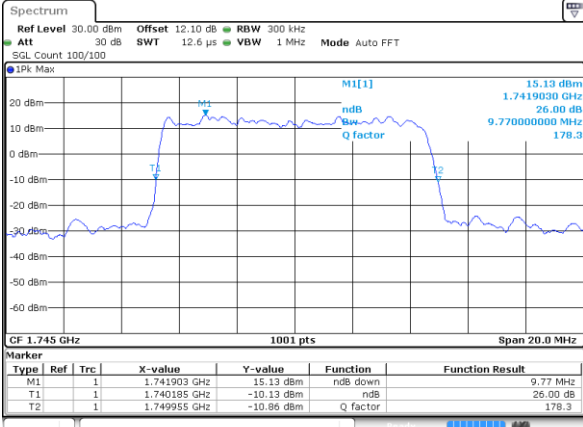


Date: 24 FEB 2021 13:23:11



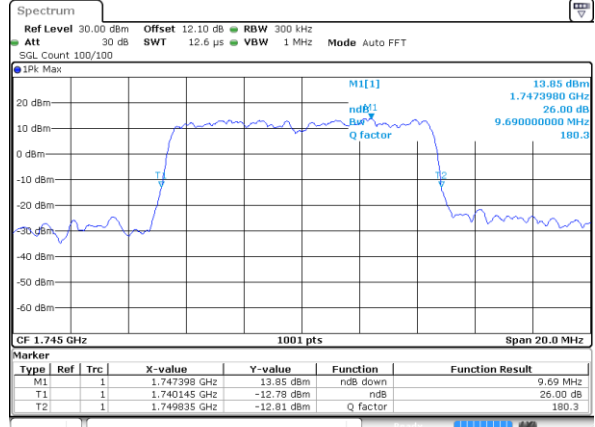
LTE Band 66

Middle Channel / 10MHz / QPSK



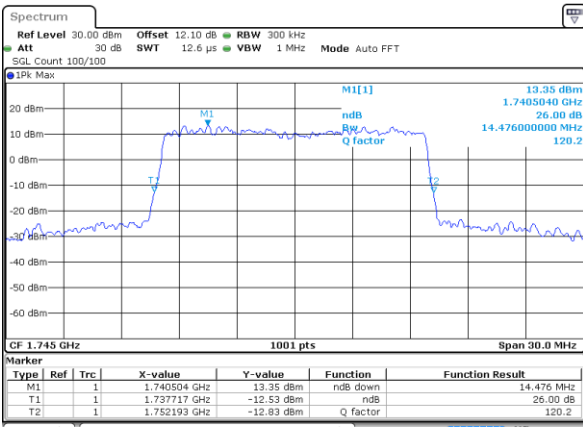
Date: 24 FEB 2021 13:34:31

Middle Channel / 10MHz / 16QAM



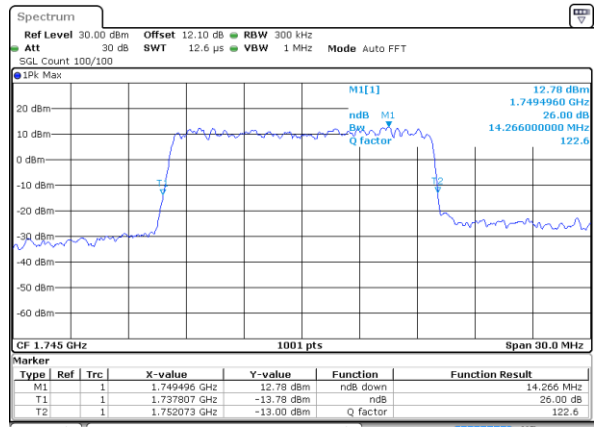
Date: 24 FEB 2021 13:34:54

Middle Channel / 15MHz / QPSK



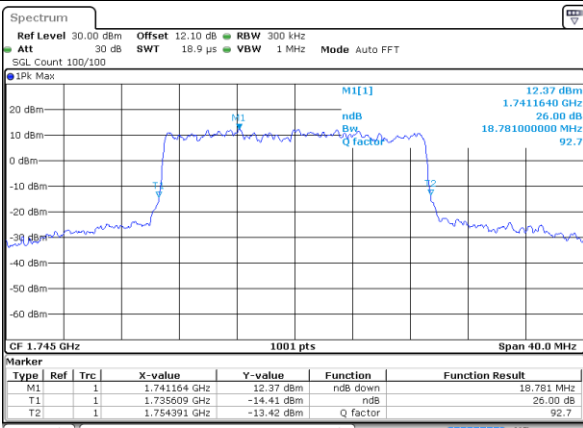
Date: 24 FEB 2021 13:52:12

Middle Channel / 15MHz / 16QAM



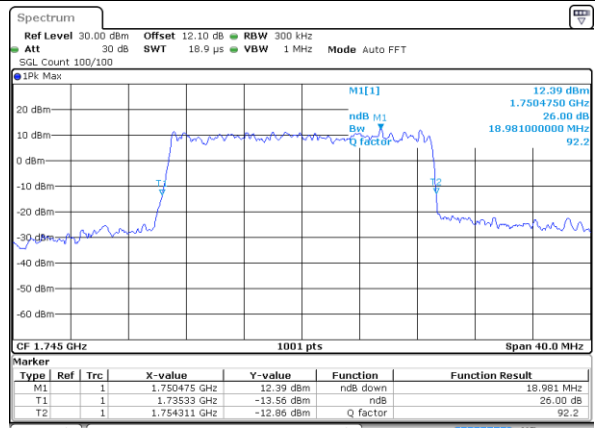
Date: 24 FEB 2021 13:52:35

Middle Channel / 20MHz / QPSK



Date: 24 FEB 2021 15:51:27

Middle Channel / 20MHz / 16QAM

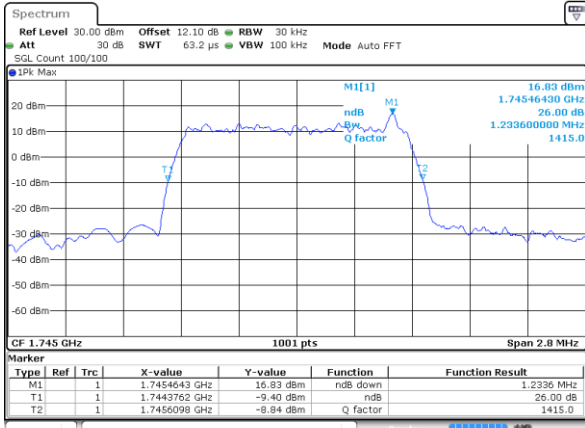


Date: 24 FEB 2021 15:51:50



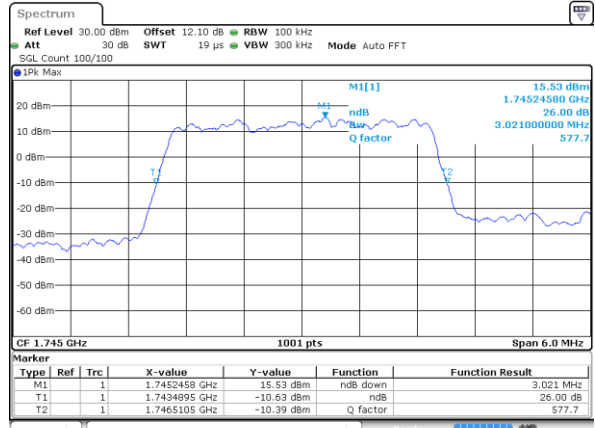
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



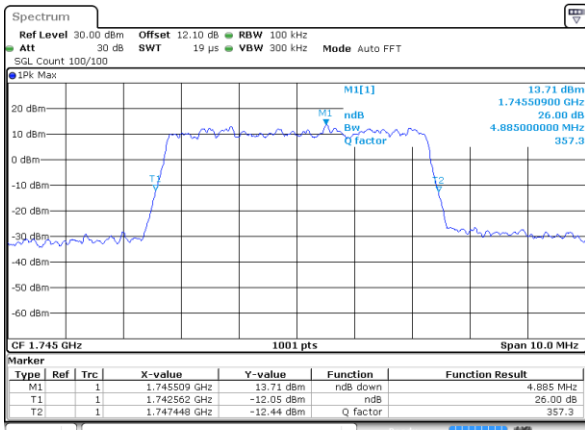
Date: 24 FEB 2021 12:58:08

Middle Channel / 3MHz / 64QAM



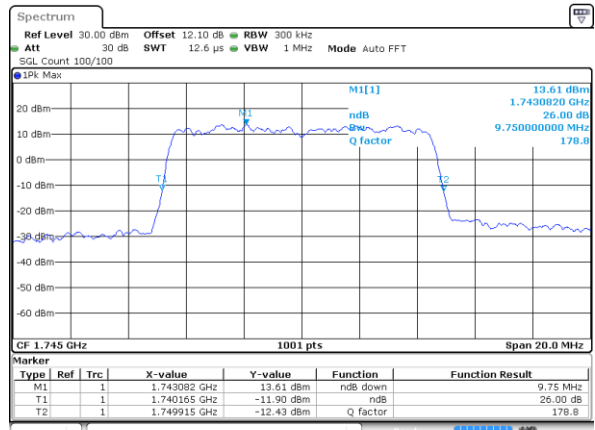
Date: 24 FEB 2021 13:12:39

Middle Channel / 5MHz / 64QAM



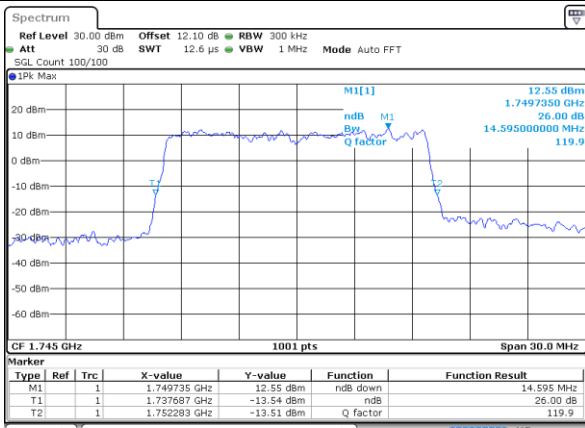
Date: 24 FEB 2021 13:16:26

Middle Channel / 10MHz / 64QAM



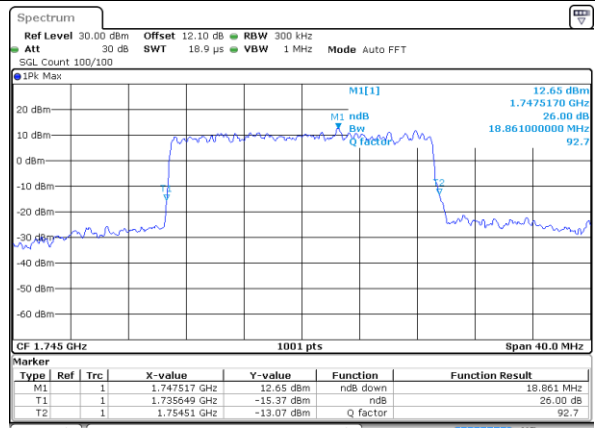
Date: 24 FEB 2021 13:42:03

Middle Channel / 15MHz / 64QAM



Date: 24 FEB 2021 13:45:51

Middle Channel / 20MHz / 64QAM



Date: 24 FEB 2021 15:59:00



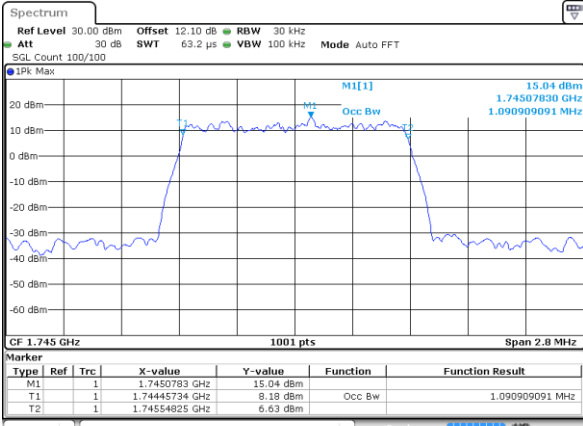
Occupied Bandwidth

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	2.71	4.48	4.50	9.01	9.01	13.43	13.49	17.86	17.90
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	-	4.49	-	8.99	-	13.46	-	17.94	-



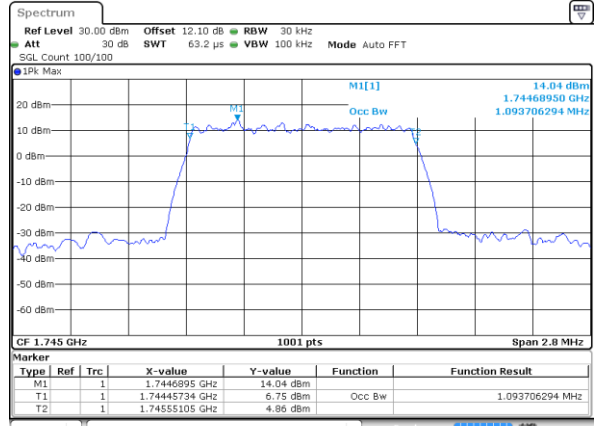
LTE Band 66

Middle Channel / 1.4MHz / QPSK



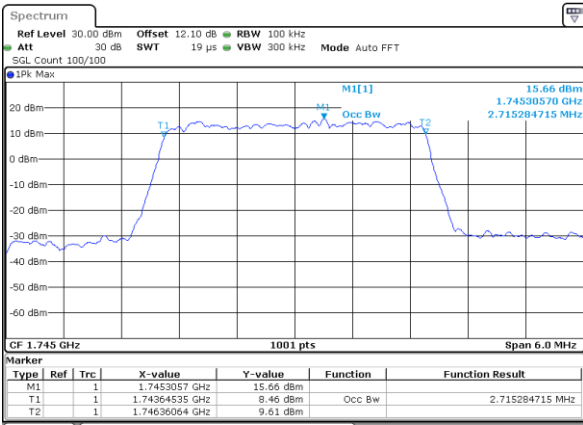
Date: 24 FEB 2021 12:49:45

Middle Channel / 1.4MHz / 16QAM



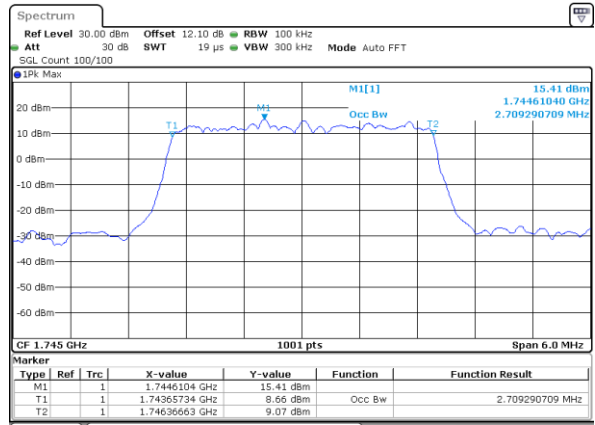
Date: 24 FEB 2021 12:50:10

Middle Channel / 3MHz / QPSK



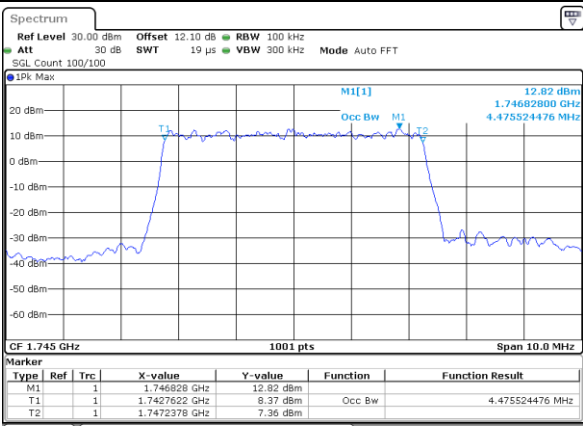
Date: 24 FEB 2021 13:04:16

Middle Channel / 3MHz / 16QAM



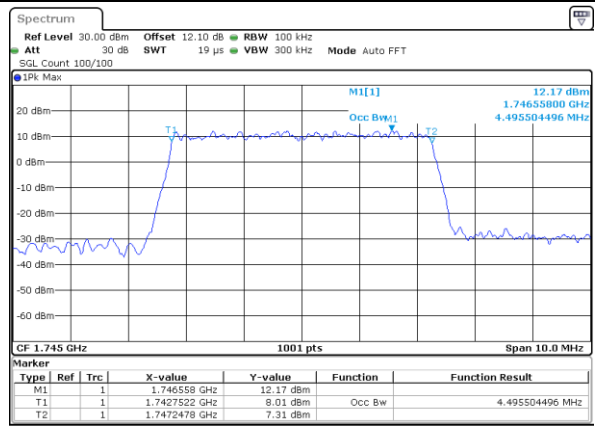
Date: 24 FEB 2021 13:04:41

Middle Channel / 5MHz / QPSK



Date: 26 FEB 2021 00:23:09

Middle Channel / 5MHz / 16QAM

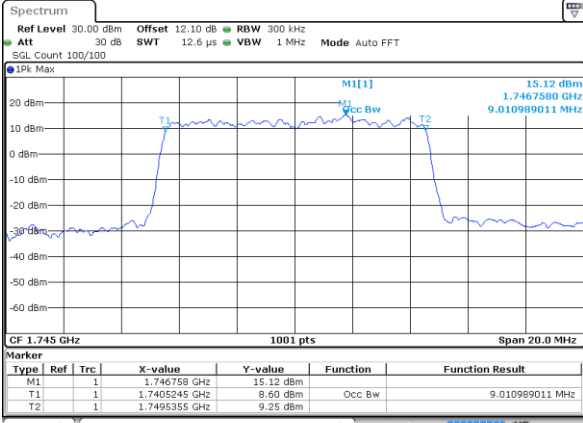


Date: 24 FEB 2021 13:22:22



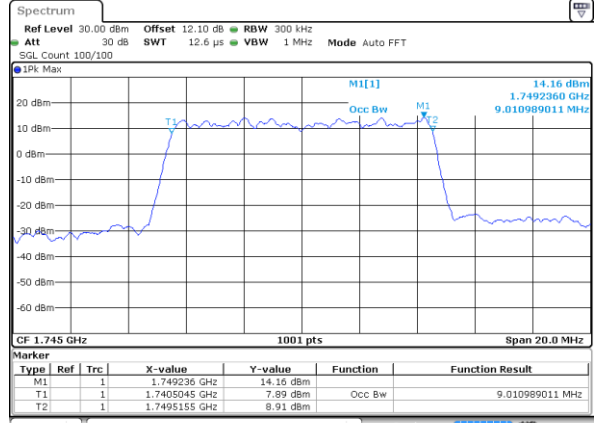
LTE Band 66

Middle Channel / 10MHz / QPSK



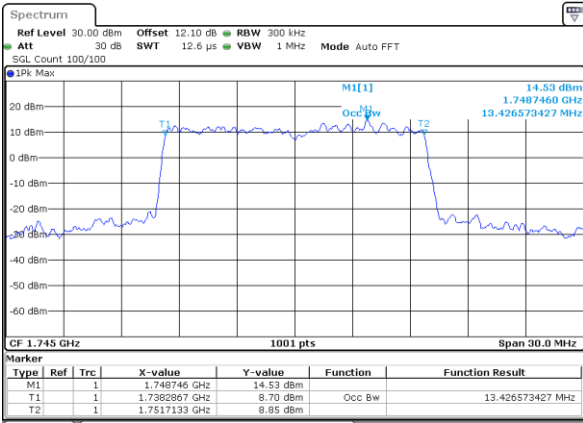
Date: 24 FEB 2021 13:33:41

Middle Channel / 10MHz / 16QAM



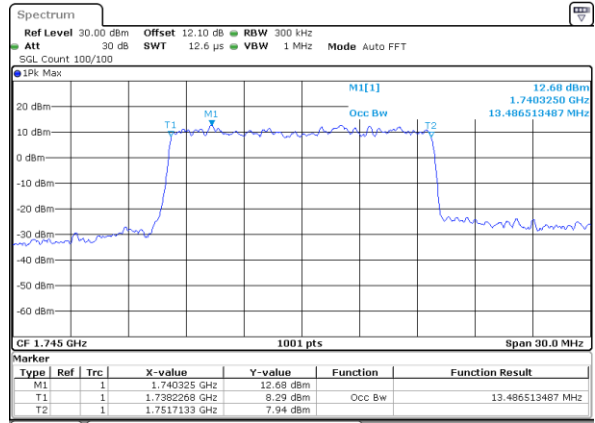
Date: 24 FEB 2021 13:34:06

Middle Channel / 15MHz / QPSK



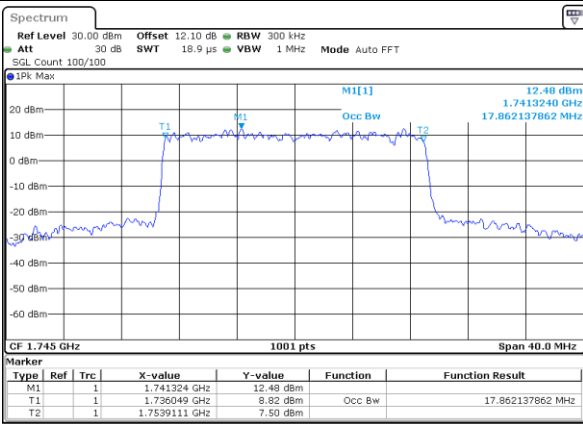
Date: 24 FEB 2021 13:51:22

Middle Channel / 15MHz / 16QAM



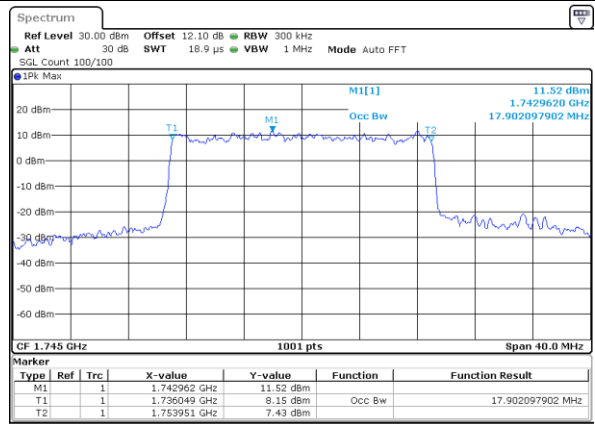
Date: 24 FEB 2021 13:51:47

Middle Channel / 20MHz / QPSK



Date: 24 FEB 2021 15:50:38

Middle Channel / 20MHz / 16QAM

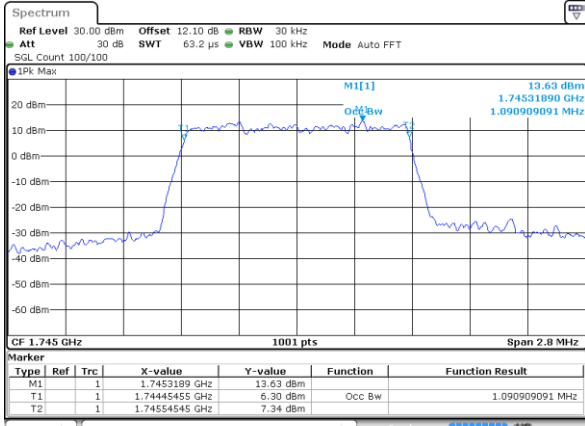


Date: 24 FEB 2021 15:51:02



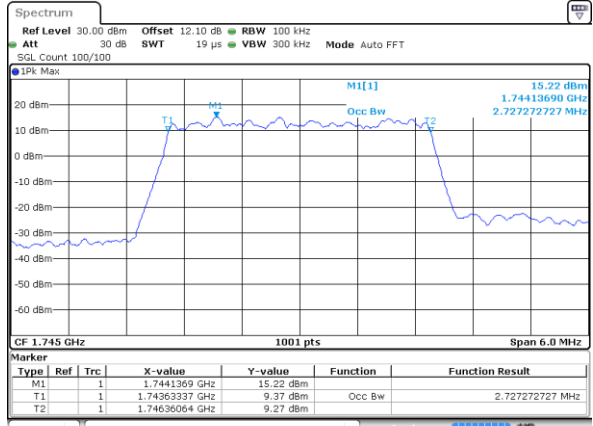
LTE Band 66

Middle Channel / 1.4MHz / 64QAM



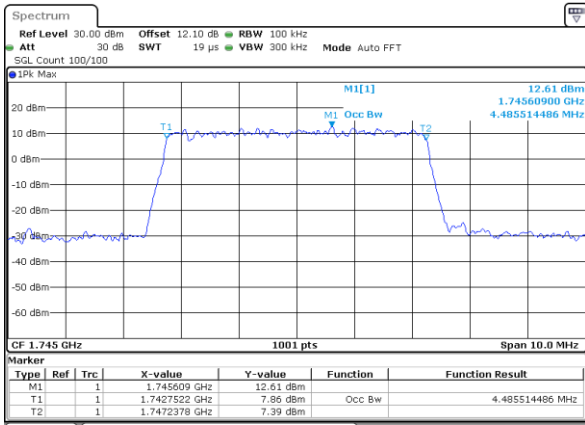
Date: 24 FEB 2021 12:57:51

Middle Channel / 3MHz / 64QAM



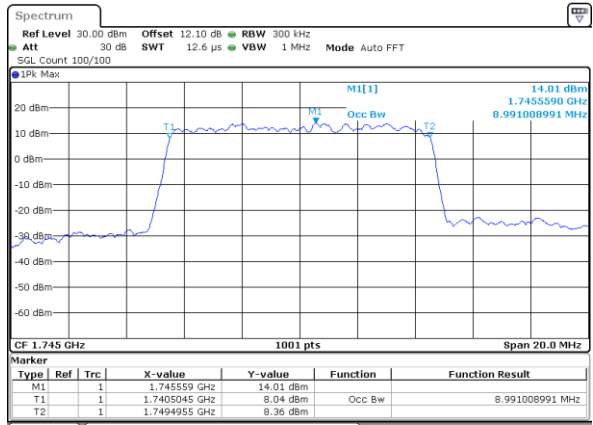
Date: 24 FEB 2021 13:12:23

Middle Channel / 5MHz / 64QAM



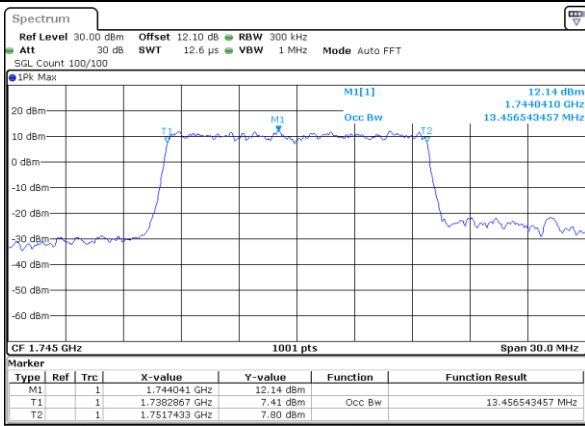
Date: 24 FEB 2021 13:16:10

Middle Channel / 10MHz / 64QAM



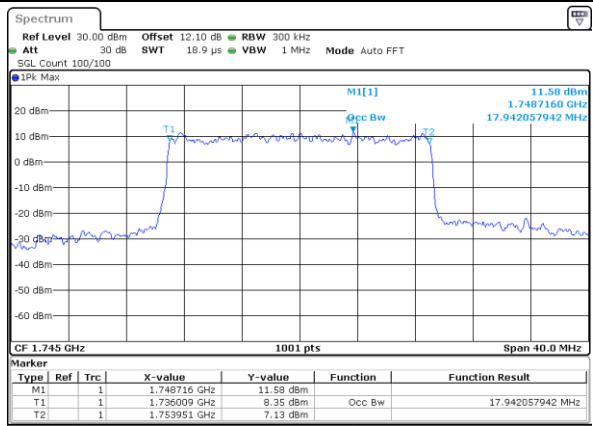
Date: 24 FEB 2021 13:41:47

Middle Channel / 15MHz / 64QAM



Date: 24 FEB 2021 13:45:35

Middle Channel / 20MHz / 64QAM



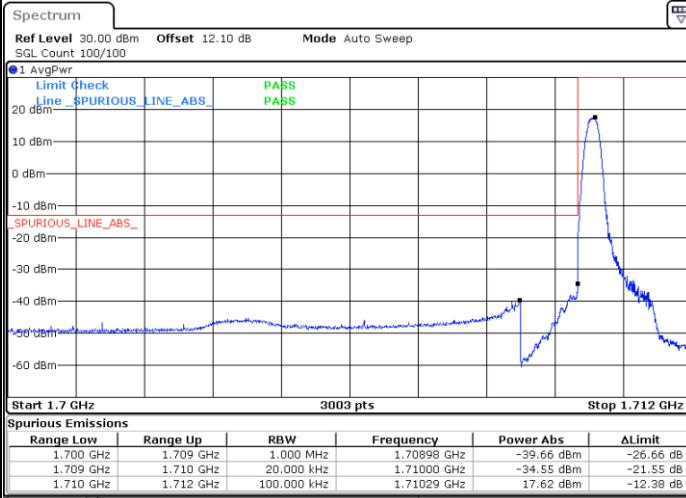
Date: 24 FEB 2021 15:58:44



Conducted Band Edge

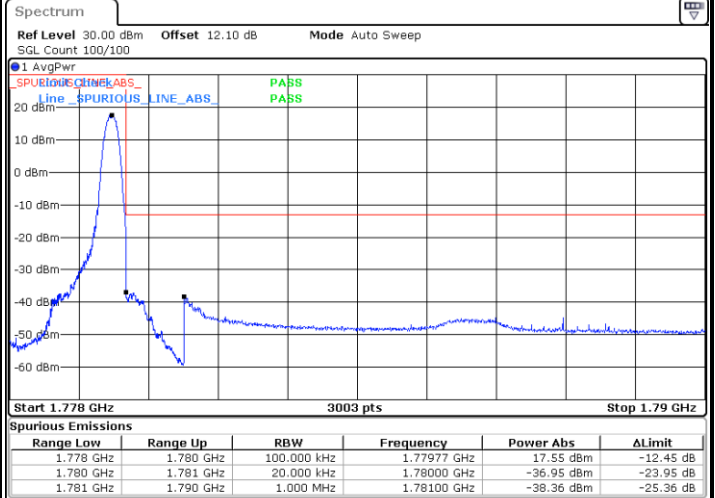
LTE Band 66 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



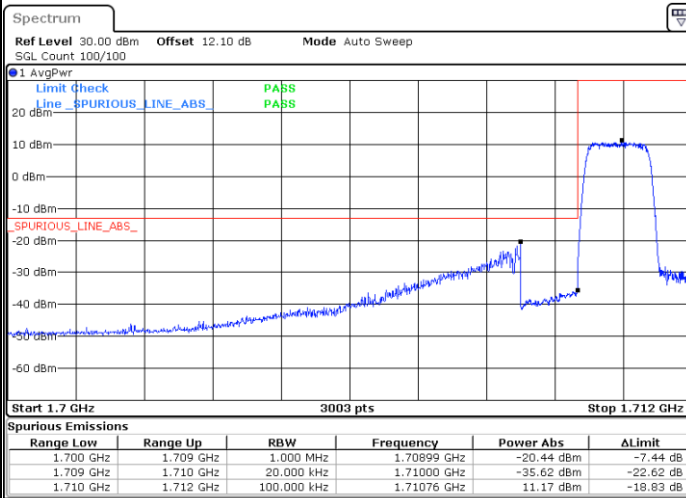
Date: 24 FEB 2021 12:46:07

Highest Band Edge / 1RB



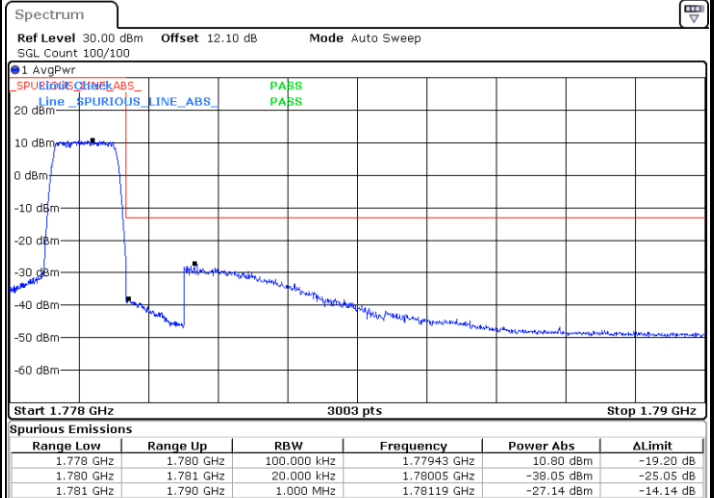
Date: 24 FEB 2021 12:52:58

Lowest Band Edge / Full RB



Date: 24 FEB 2021 12:47:21

Highest Band Edge / Full RB

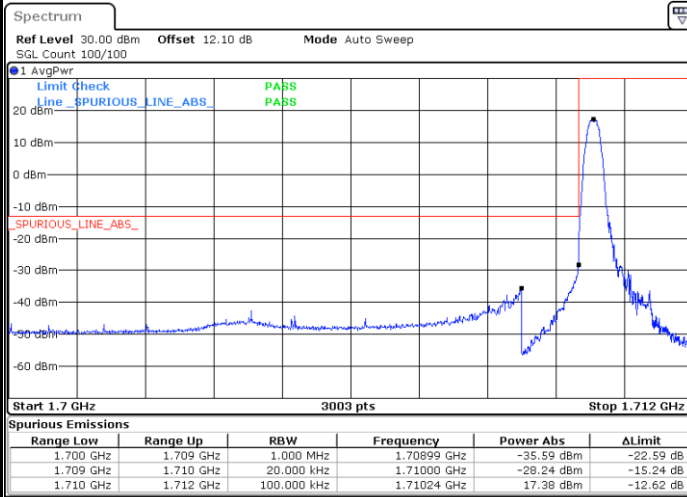


Date: 24 FEB 2021 12:54:13



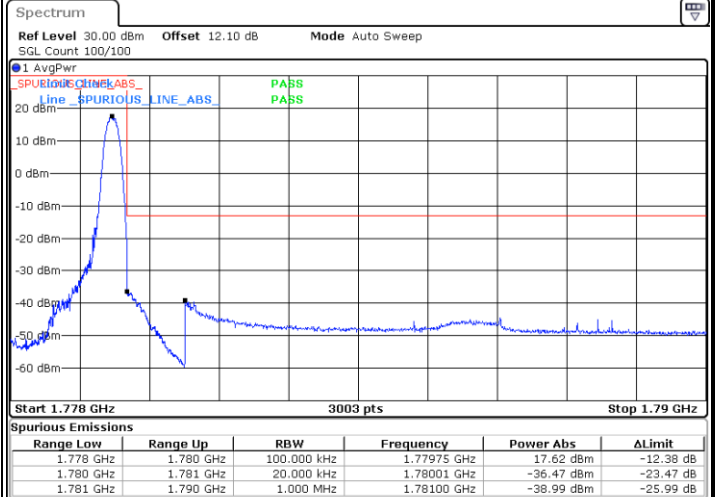
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



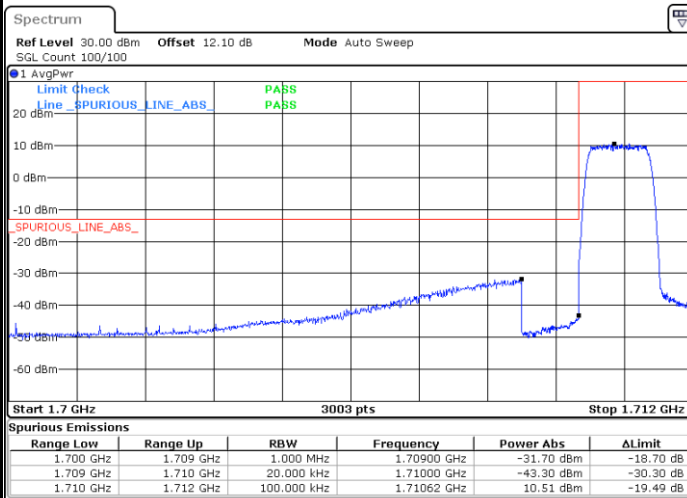
Date: 24 FEB 2021 12:46:44

Highest Band Edge / 1 RB



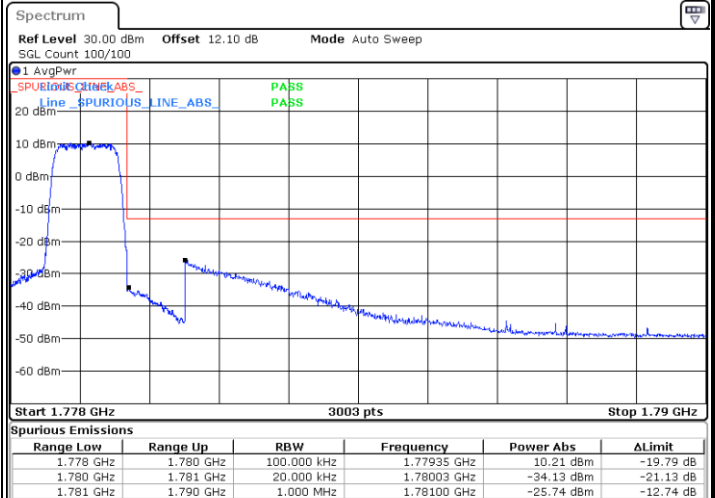
Date: 24 FEB 2021 12:53:35

Lowest Band Edge / Full RB



Date: 24 FEB 2021 12:47:59

Highest Band Edge / Full RB

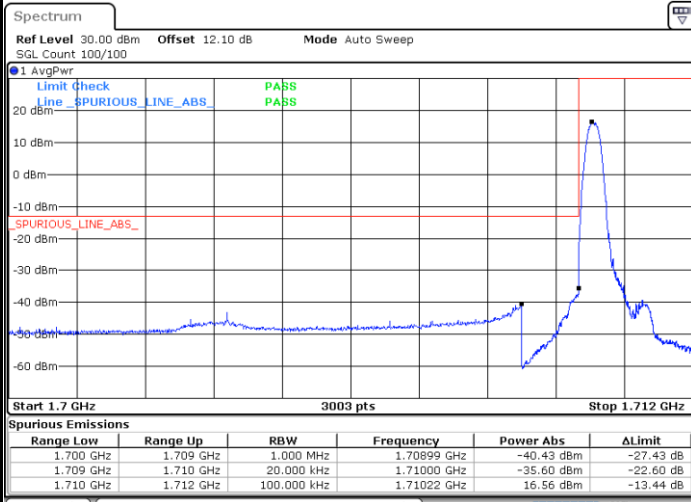


Date: 24 FEB 2021 12:54:50



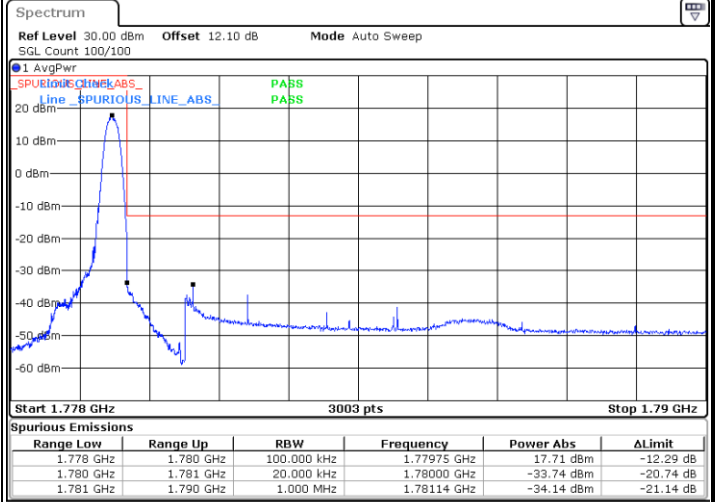
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



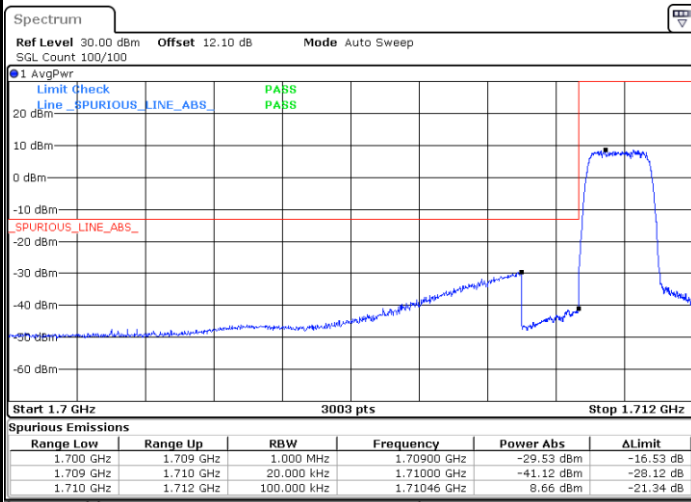
Date: 24 FEB 2021 12:56:51

Highest Band Edge / 1 RB



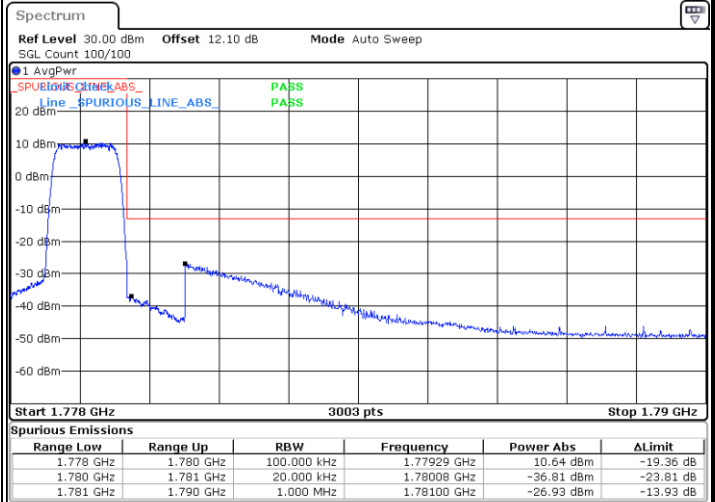
Date: 24 FEB 2021 12:58:46

Lowest Band Edge / Full RB



Date: 24 FEB 2021 12:57:28

Highest Band Edge / Full RB

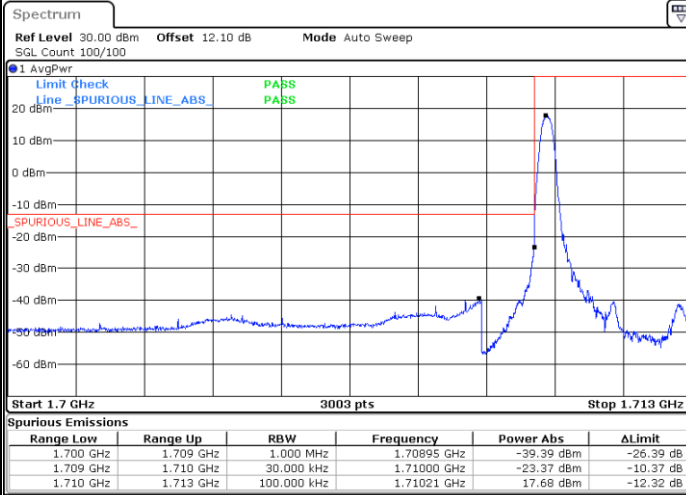


Date: 24 FEB 2021 12:59:23



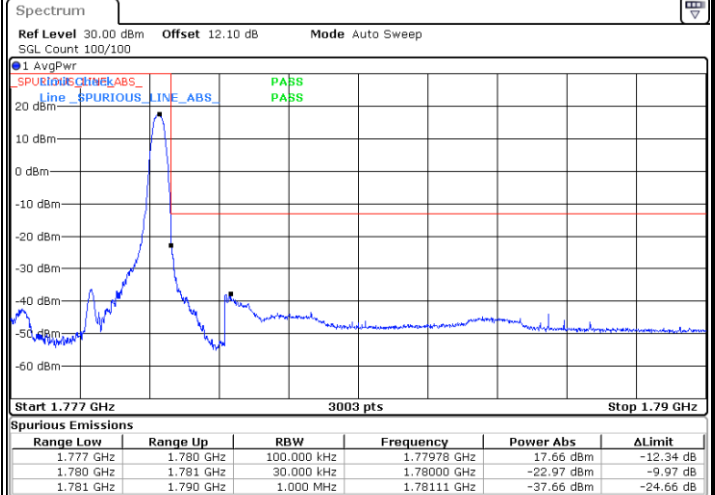
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



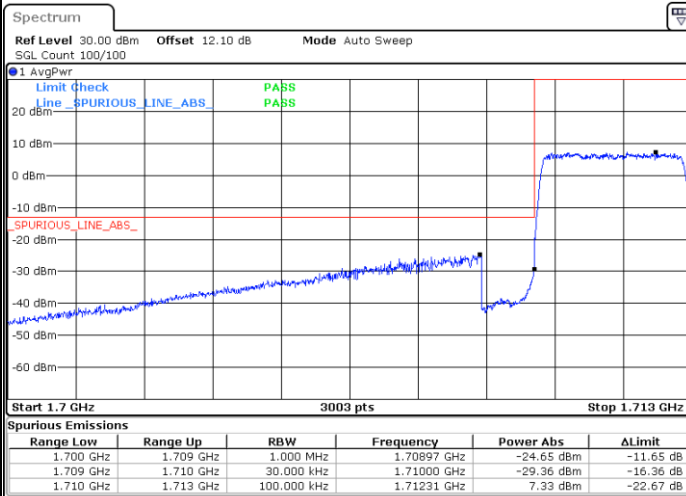
Date: 24 FEB 2021 13:00:38

Highest Band Edge / 1 RB



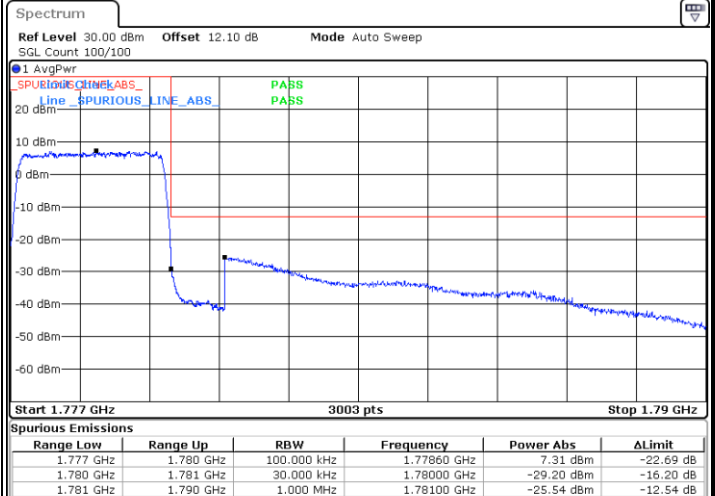
Date: 24 FEB 2021 13:07:30

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:01:53

Highest Band Edge / Full RB

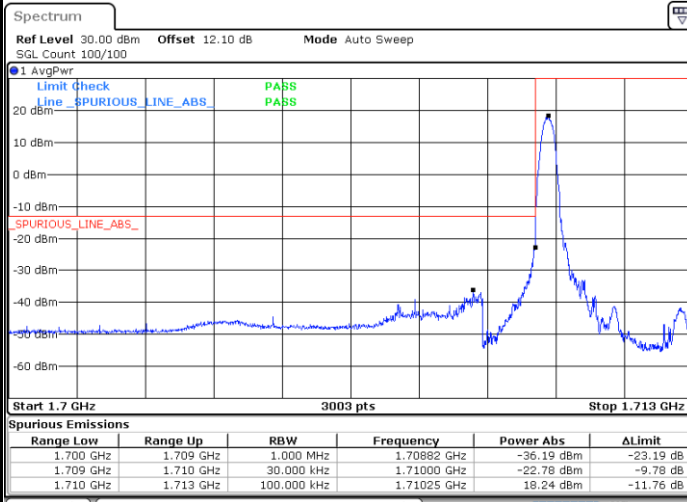


Date: 24 FEB 2021 13:08:45



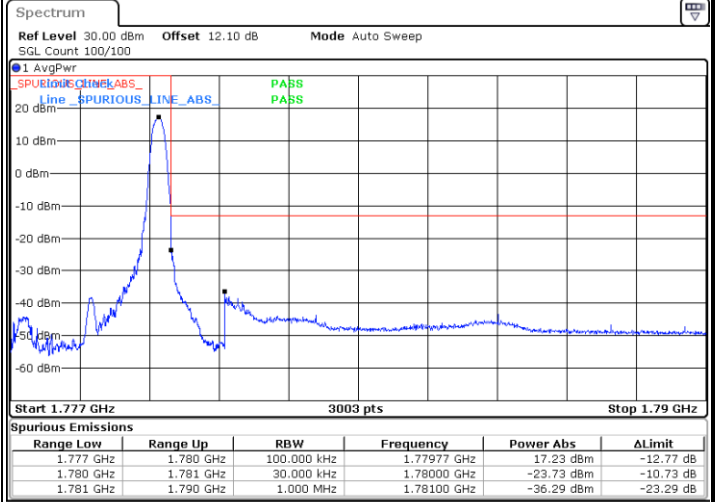
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



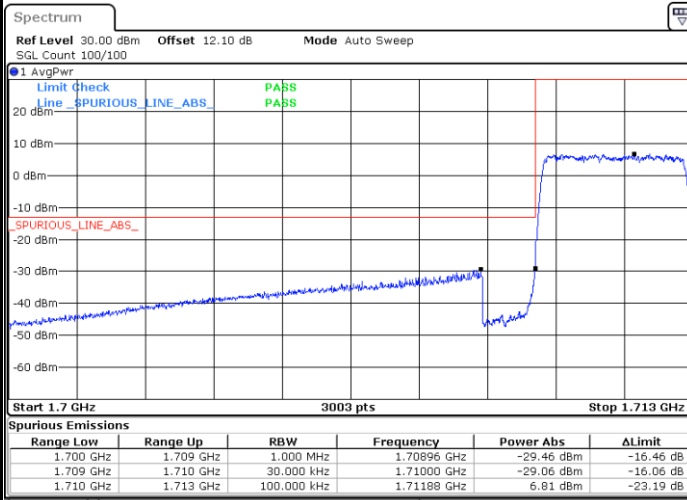
Date: 24 FEB 2021 13:01:16

Highest Band Edge / 1 RB



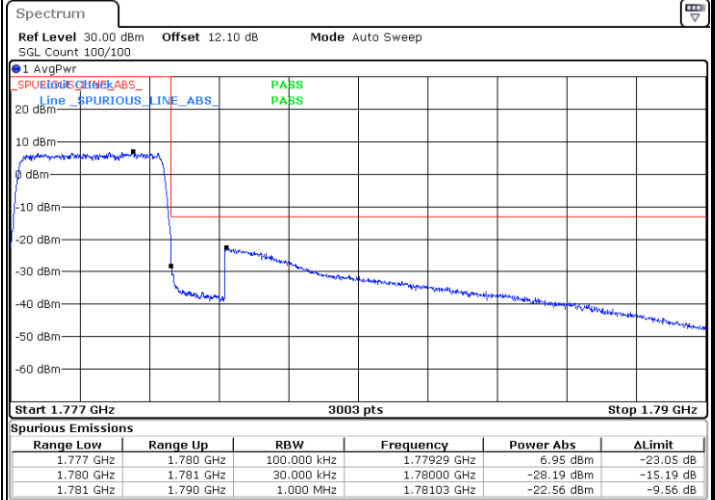
Date: 24 FEB 2021 13:08:07

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:02:31

Highest Band Edge / Full RB

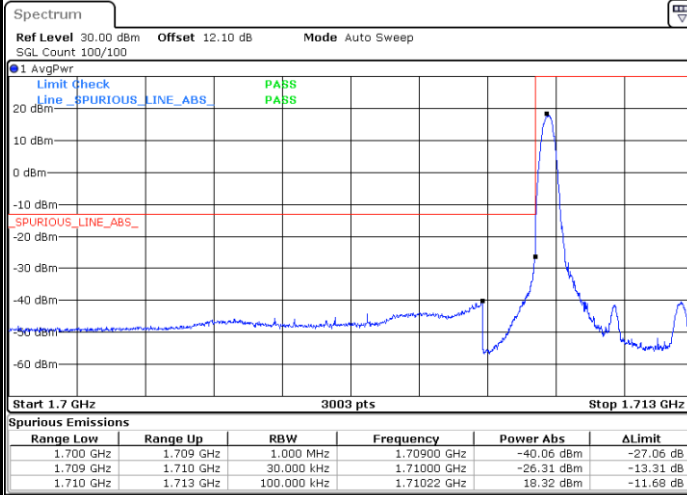


Date: 24 FEB 2021 13:09:22



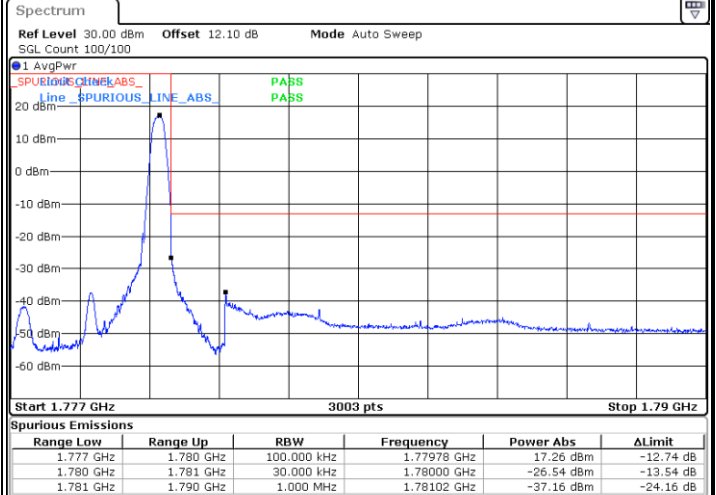
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



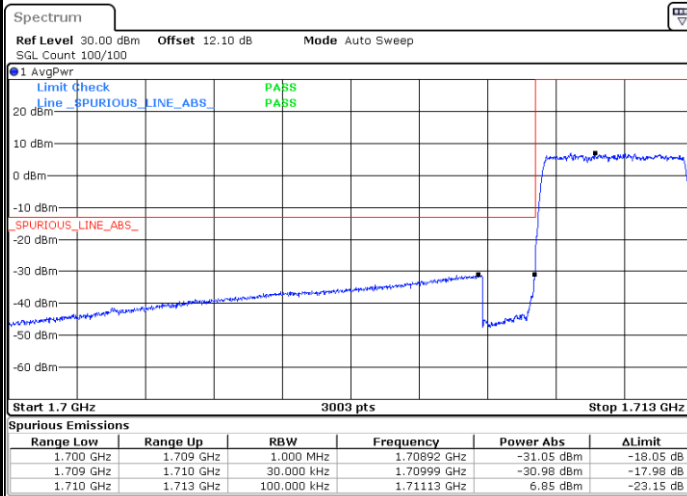
Date: 24 FEB 2021 13:11:22

Highest Band Edge / 1 RB



Date: 24 FEB 2021 13:13:17

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:11:59

Highest Band Edge / Full RB

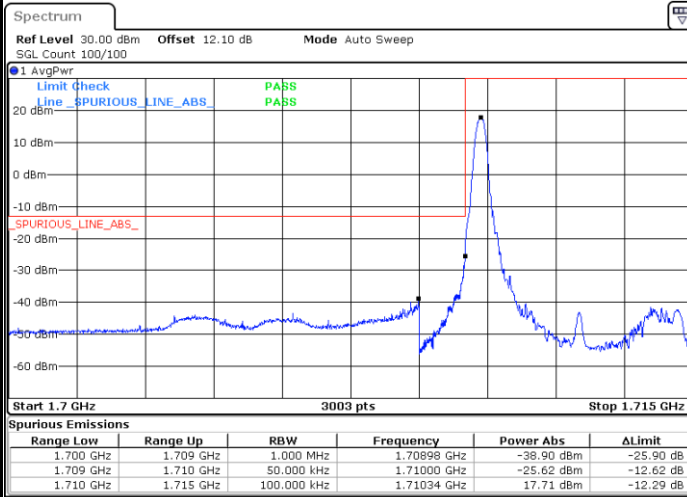


Date: 24 FEB 2021 13:13:54



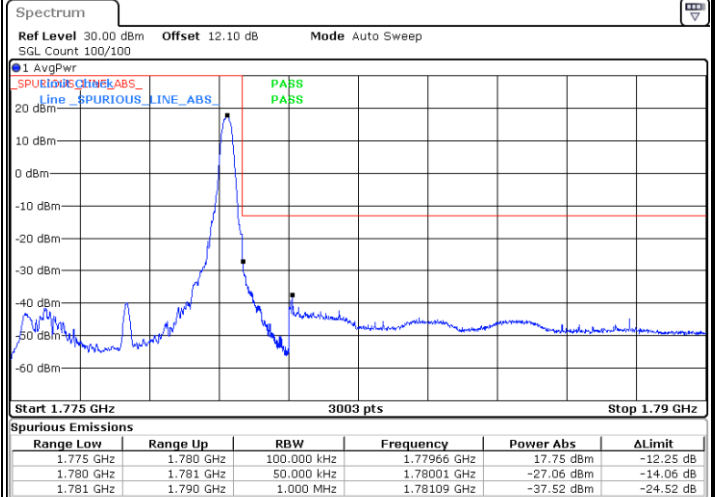
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



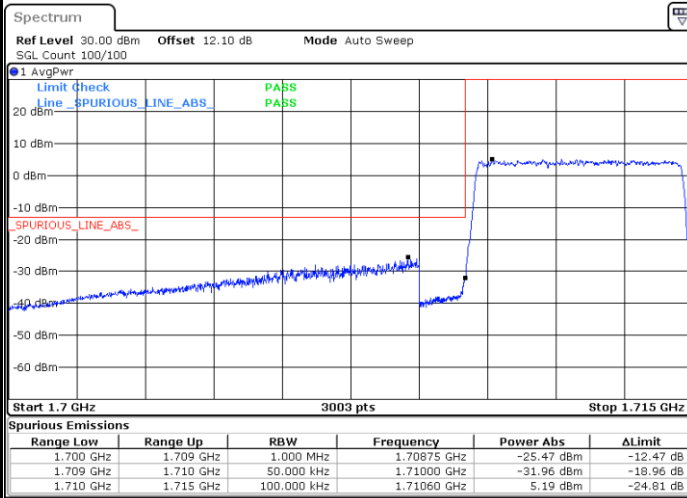
Date: 24 FEB 2021 13:18:20

Highest Band Edge / 1 RB



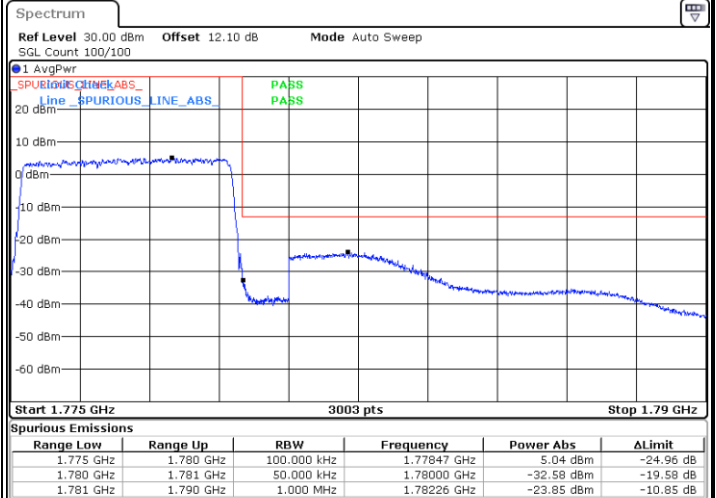
Date: 24 FEB 2021 13:25:11

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:19:34

Highest Band Edge / Full RB

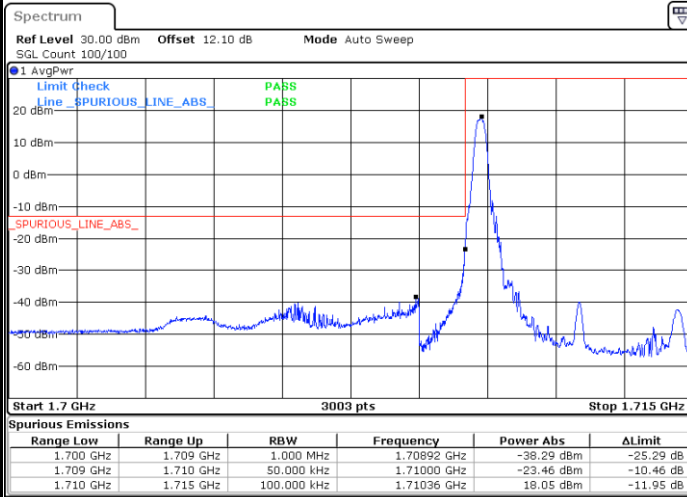


Date: 24 FEB 2021 13:26:26



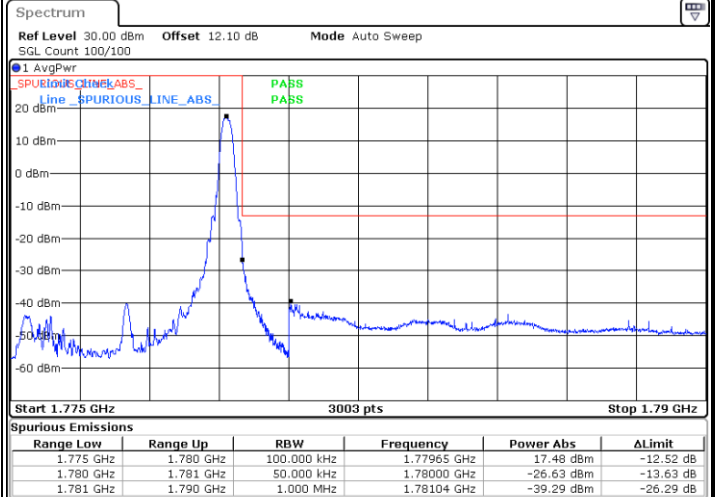
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



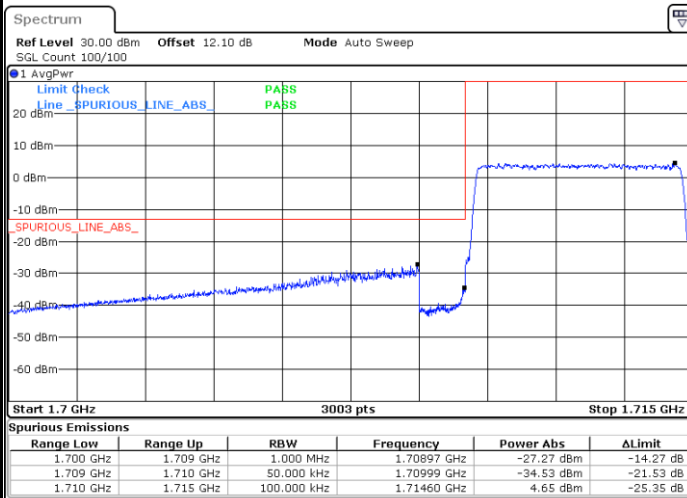
Date: 24 FEB 2021 13:18:57

Highest Band Edge / 1 RB



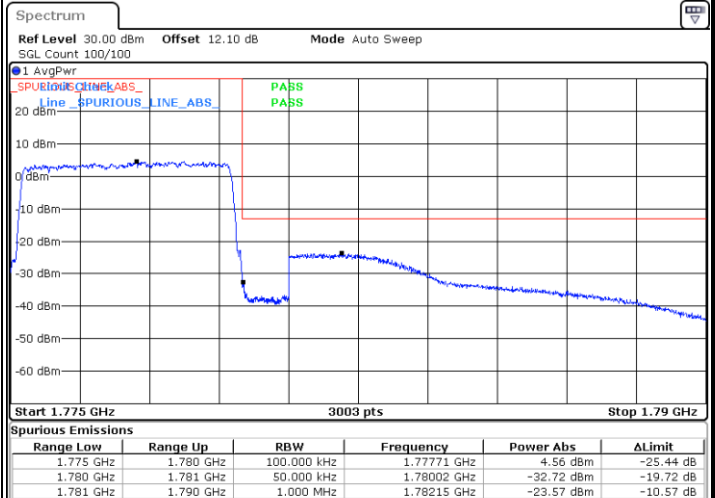
Date: 24 FEB 2021 13:25:48

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:20:12

Highest Band Edge / Full RB

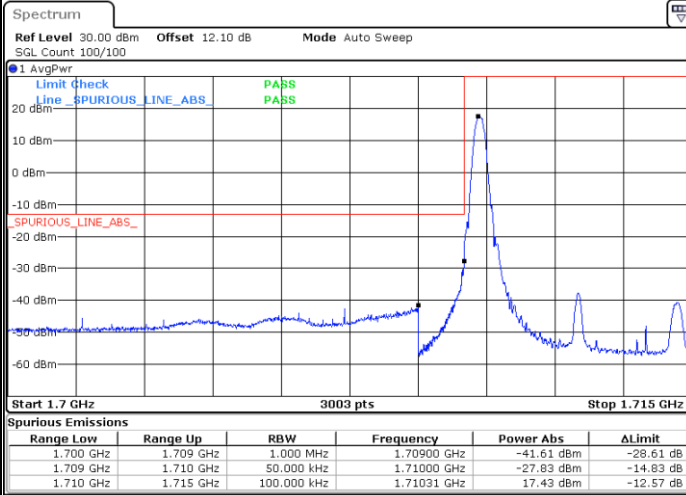


Date: 24 FEB 2021 13:27:03



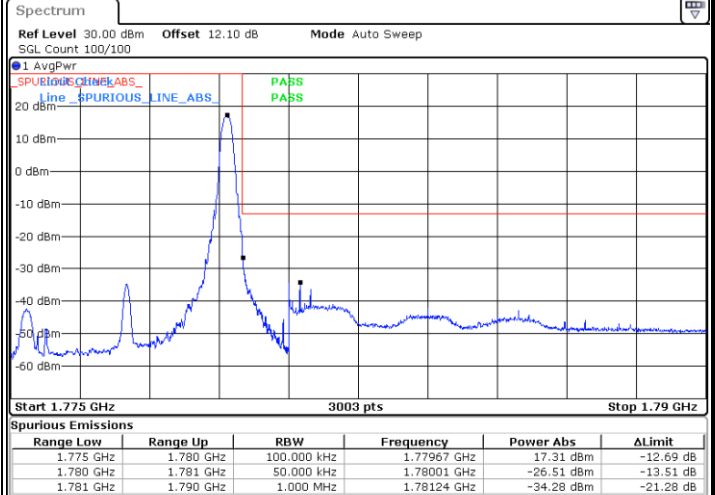
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



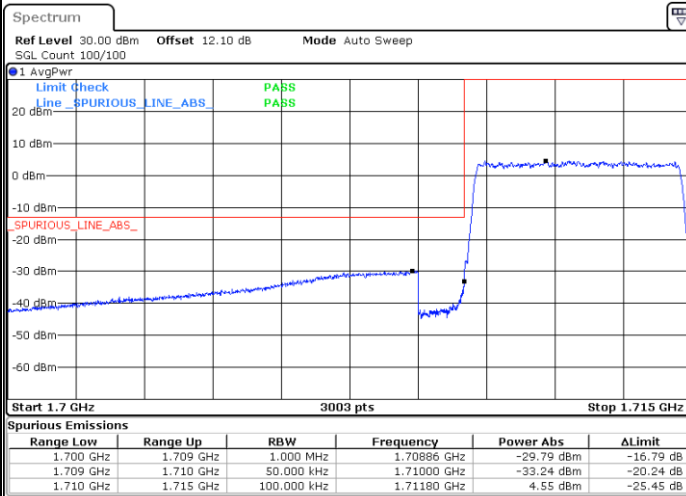
Date: 24 FEB 2021 13:15:09

Highest Band Edge / 1 RB



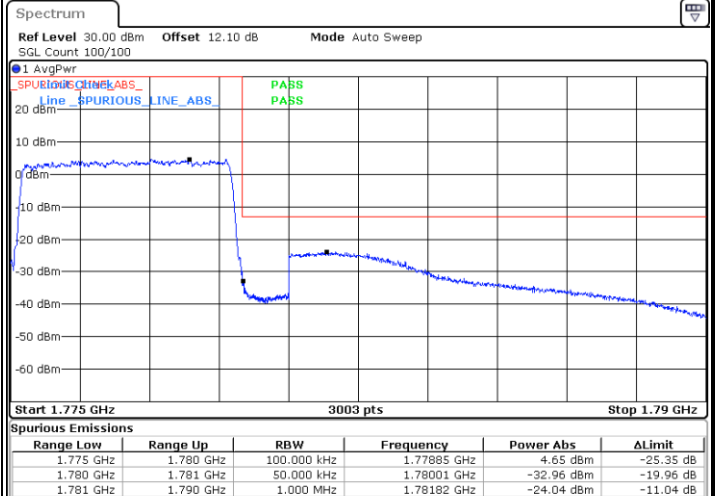
Date: 24 FEB 2021 13:17:04

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:15:47

Highest Band Edge / Full RB

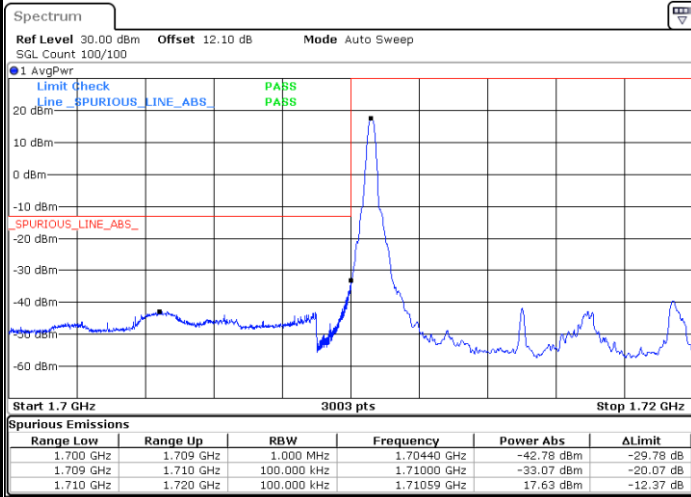


Date: 24 FEB 2021 13:17:42



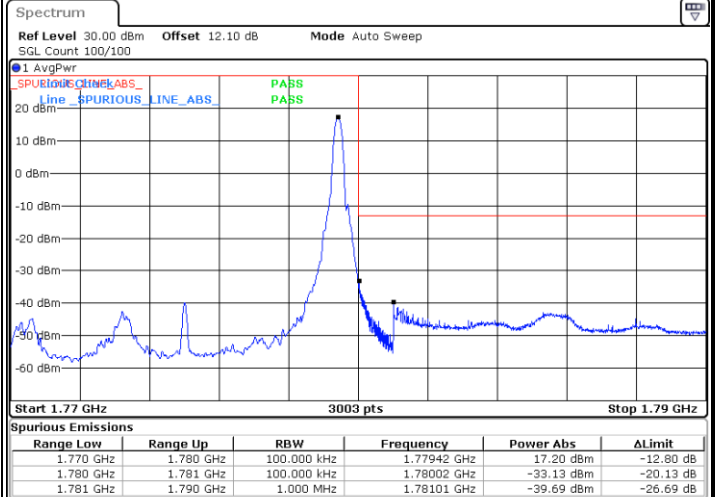
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



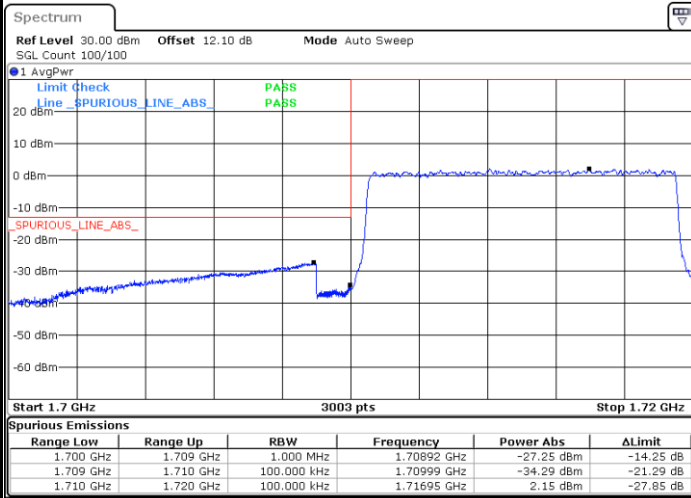
Date: 24 FEB 2021 13:30:03

Highest Band Edge / 1 RB



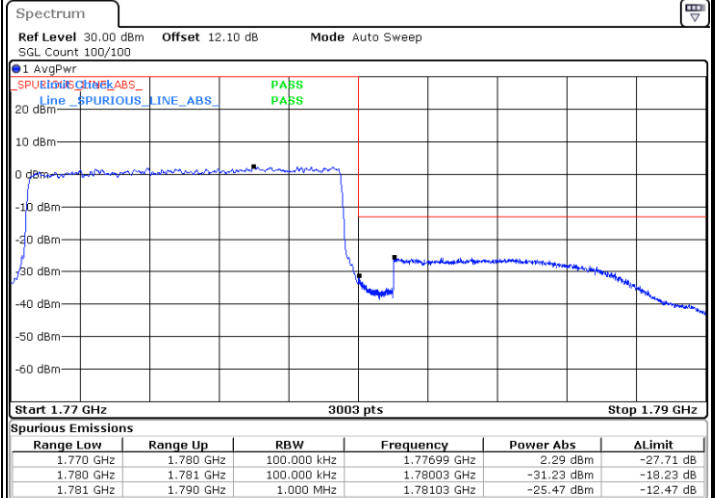
Date: 24 FEB 2021 13:36:54

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:31:18

Highest Band Edge / Full RB

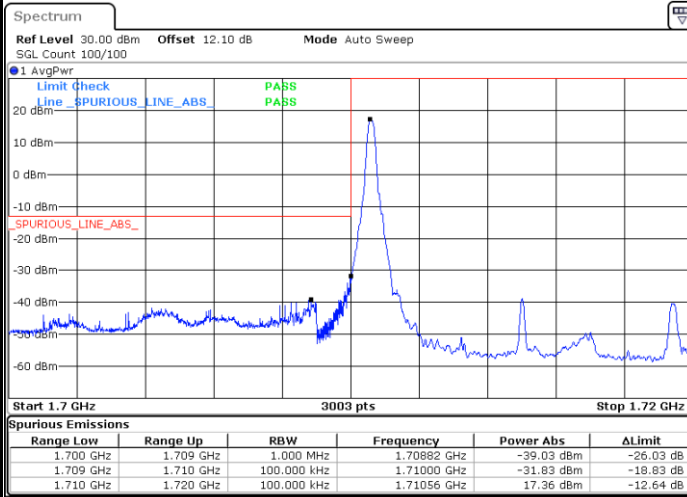


Date: 24 FEB 2021 13:38:09



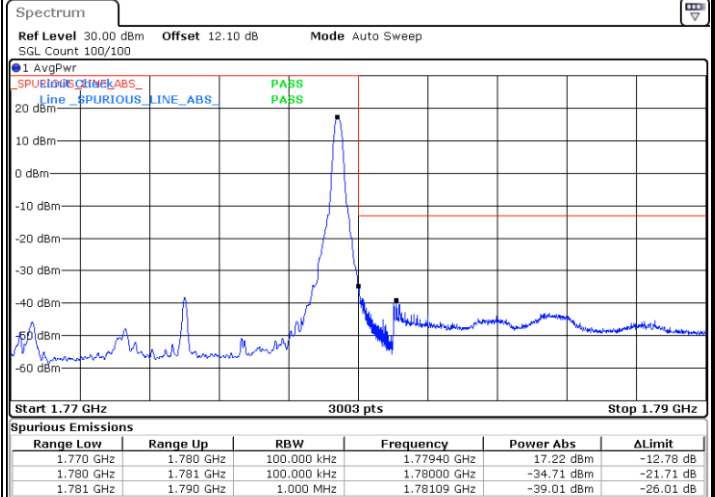
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



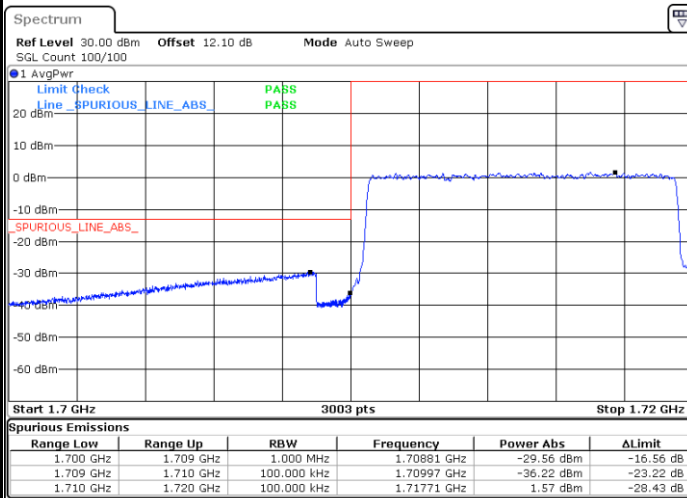
Date: 24 FEB 2021 13:30:40

Highest Band Edge / 1 RB



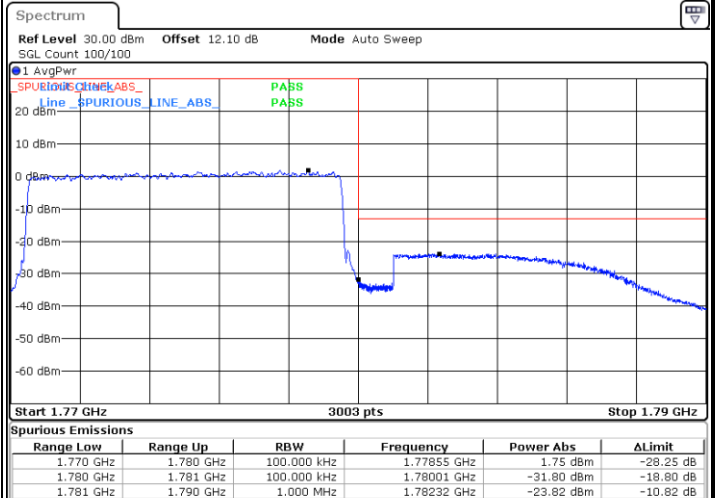
Date: 24 FEB 2021 13:37:32

Lowest Band Edge / Full RB



Date: 24 FEB 2021 13:31:55

Highest Band Edge / Full RB



Date: 24 FEB 2021 13:38:46