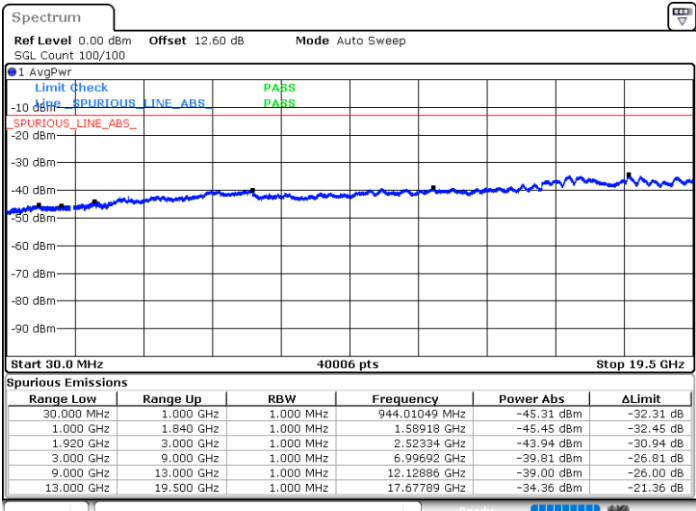




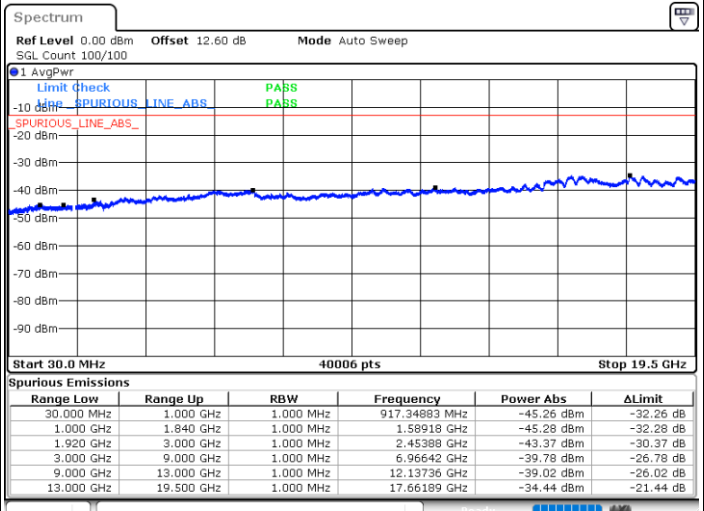
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

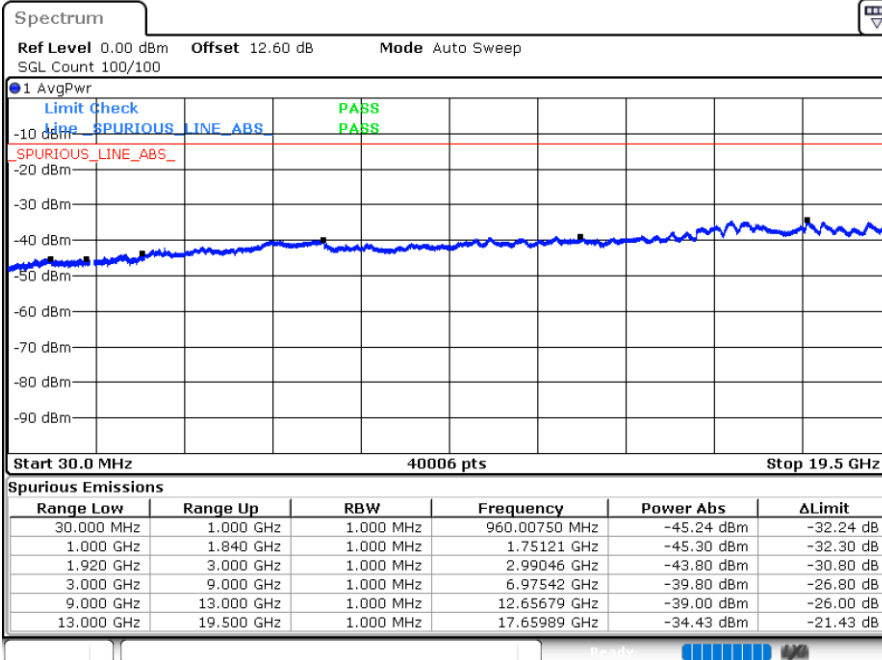


Date: 17.JUN.2022 14:42:40



Date: 17.JUN.2022 14:41:37

Highest Channel / QPSK



Date: 17.JUN.2022 14:40:43



Frequency Stability

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0019	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0025	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0021	
0	Normal Voltage	0.0018	
-10	Normal Voltage	0.0000	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0019	
20	Battery End Point	0.0018	

Note:

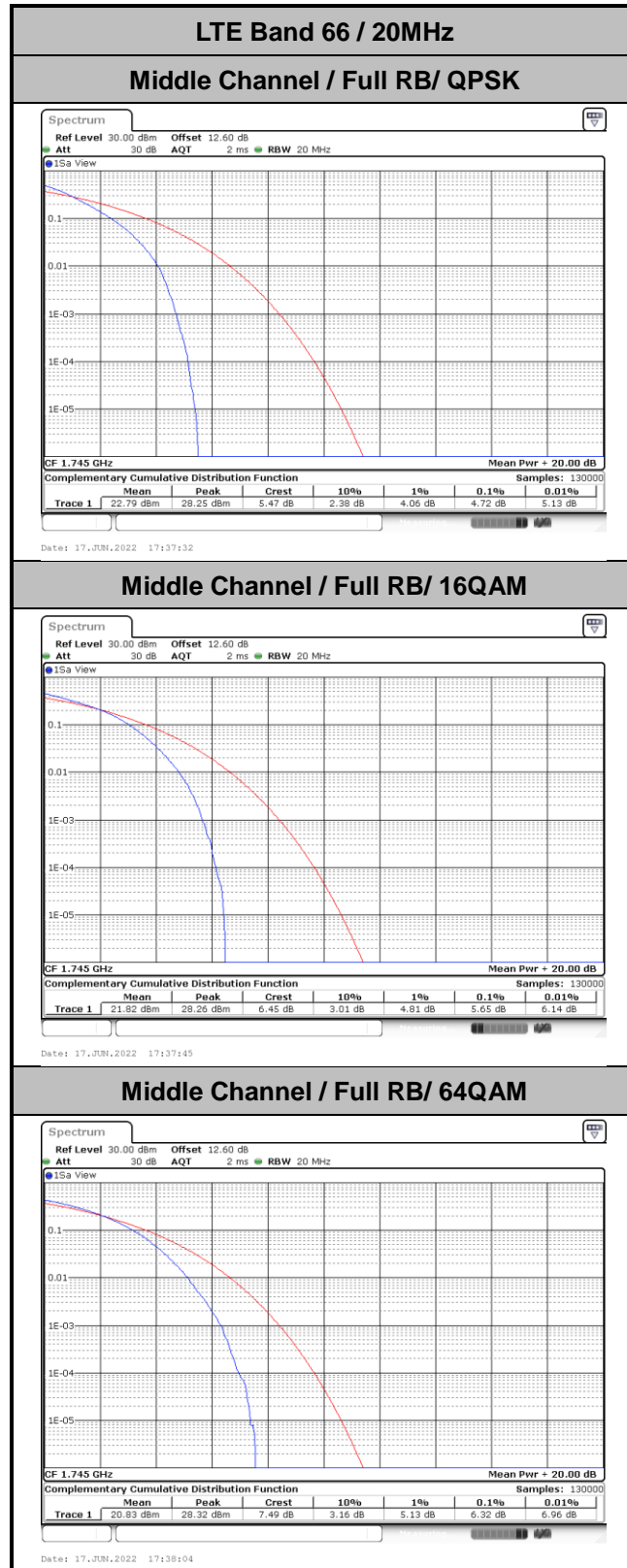
1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.55 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66

### Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.72	5.65	6.32	<b>PASS</b>





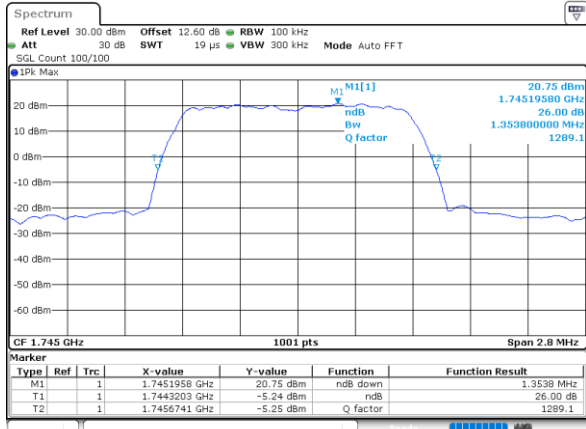
**26dB Bandwidth**

Mode	LTE Band 66 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.35	1.35
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.06	3.03
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.86	4.84
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.75	9.85
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.51	14.33
Mode	LTE Band 66 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	19.06	18.78



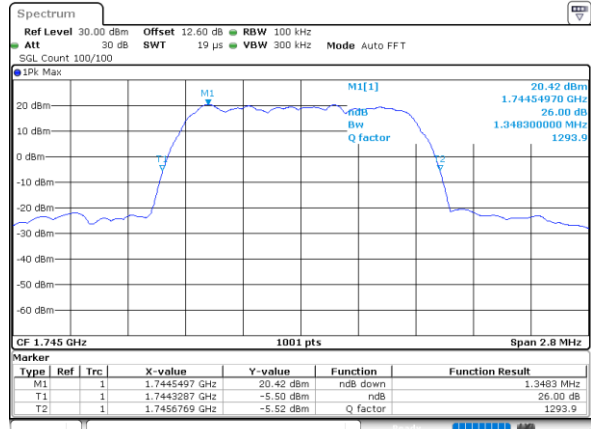
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 17 JUN 2022 15:53:13

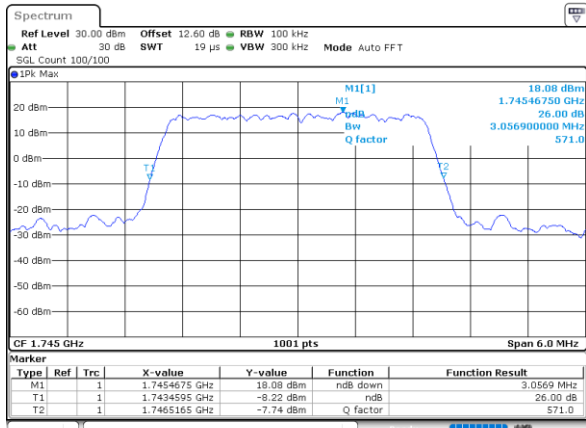
Middle Channel / 1.4MHz / 16QAM



Date: 17 JUN 2022 15:53:56

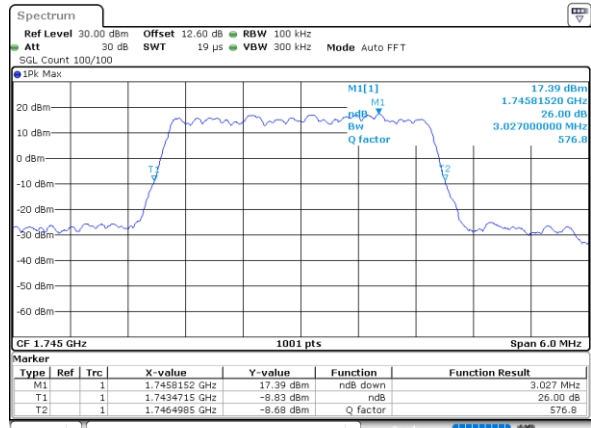
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 17 JUN 2022 16:14:51

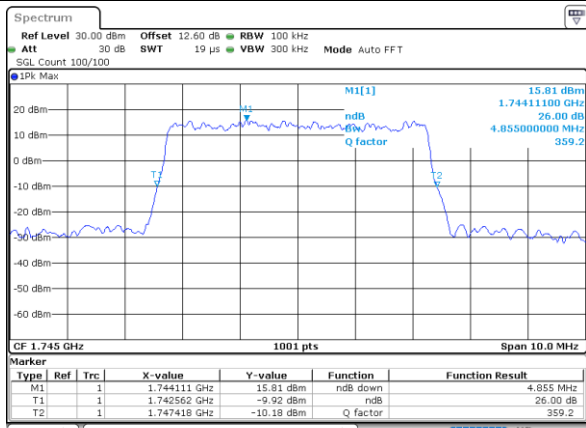
Middle Channel / 3MHz / 16QAM



Date: 17 JUN 2022 16:14:44

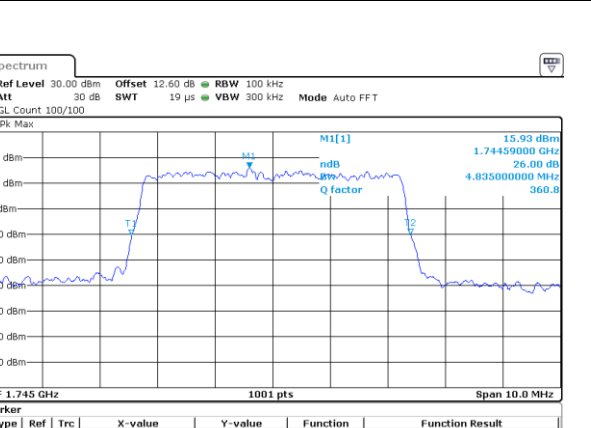
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 17 JUN 2022 16:42:04

Middle Channel / 5MHz / 16QAM

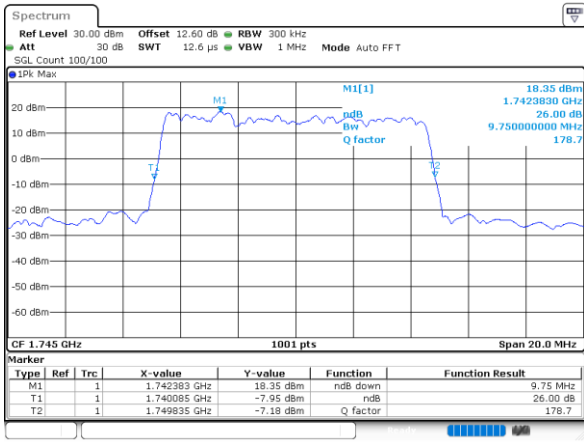


Date: 17 JUN 2022 16:42:04



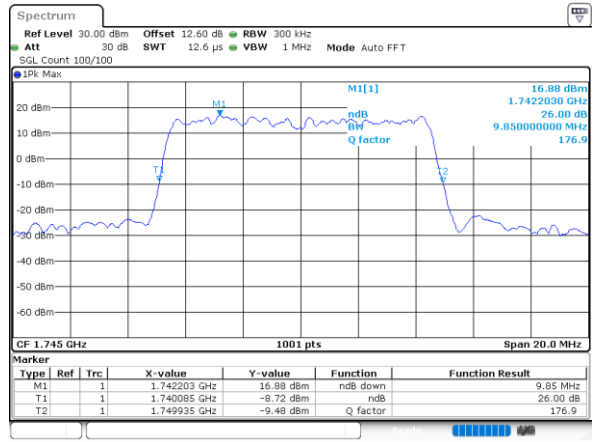
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 17 JUN 2022 16:52:22

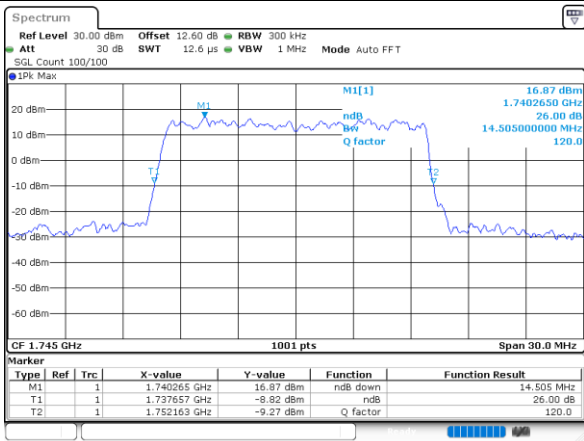
Middle Channel / 10MHz / 16QAM



Date: 17 JUN 2022 16:53:38

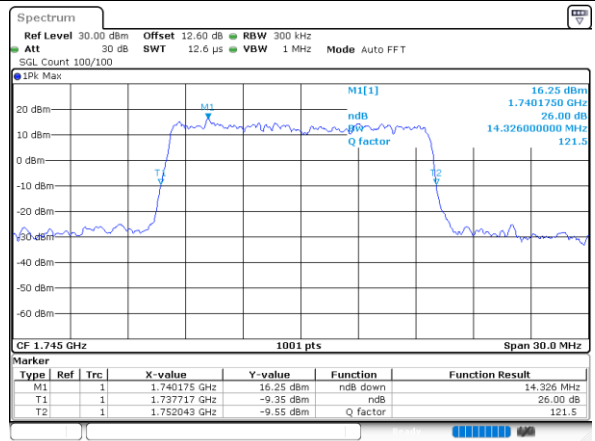
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 17 JUN 2022 17:19:02

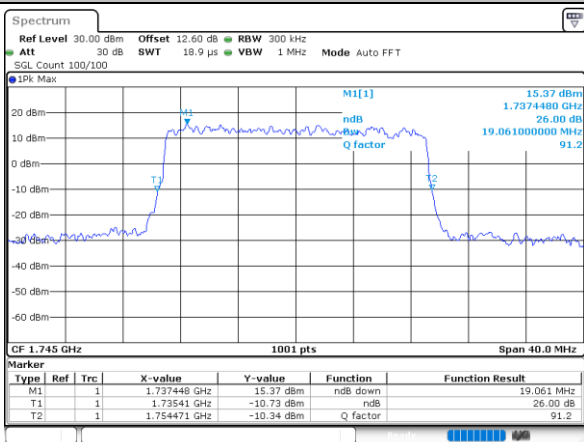
Middle Channel / 15MHz / 16QAM



Date: 17 JUN 2022 17:19:34

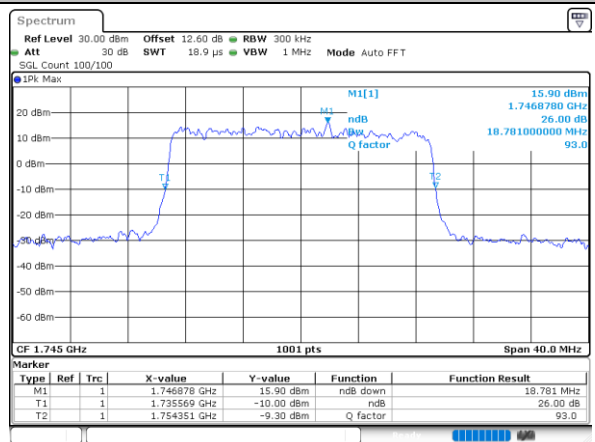
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 17 JUN 2022 17:33:03

Middle Channel / 20MHz / 16QAM



Date: 17 JUN 2022 17:33:30



### Occupied Bandwidth

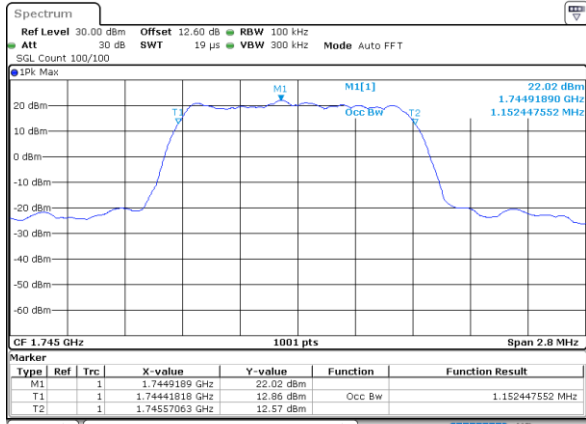
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.15	1.16
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.72	2.71
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.48
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.03	8.99
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.46	13.46
<b>Mode</b>	<b>LTE Band 66 : 99%OBW(MHz)</b>	
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.94	17.90





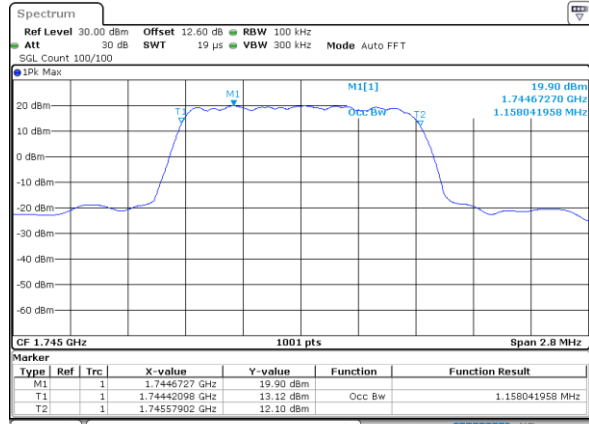
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 17 JUN 2022 15:52:53

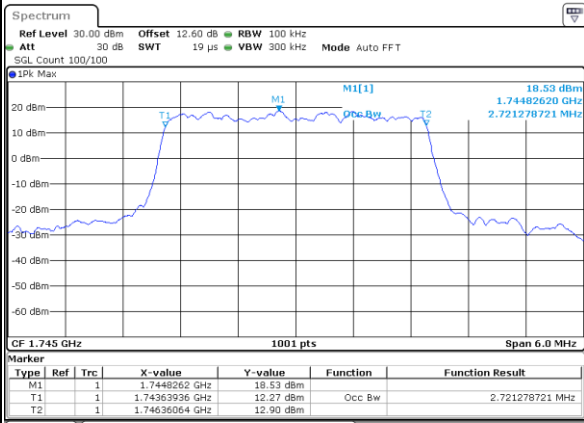
Middle Channel / 1.4MHz / 16QAM



Date: 17 JUN 2022 15:53:36

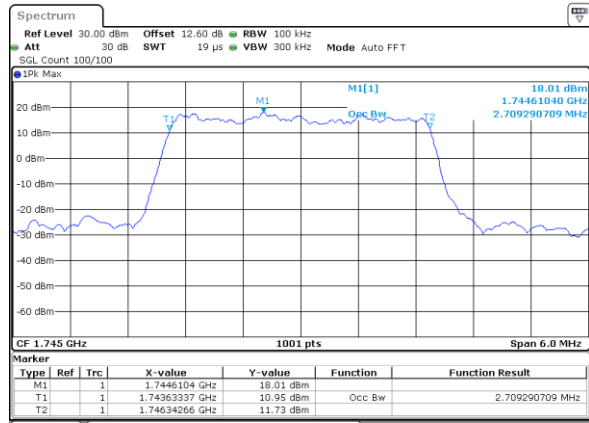
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 17 JUN 2022 16:14:25

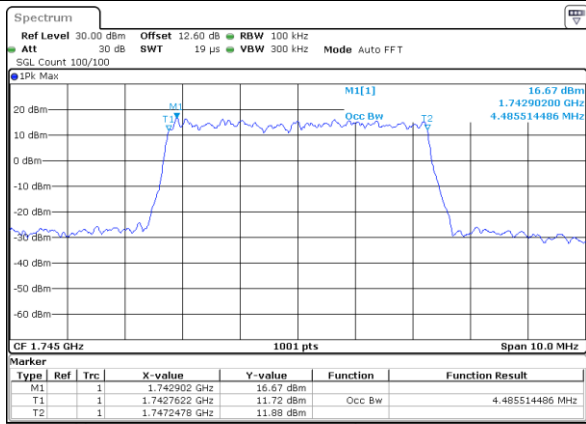
Middle Channel / 3MHz / 16QAM



Date: 17 JUN 2022 16:14:51

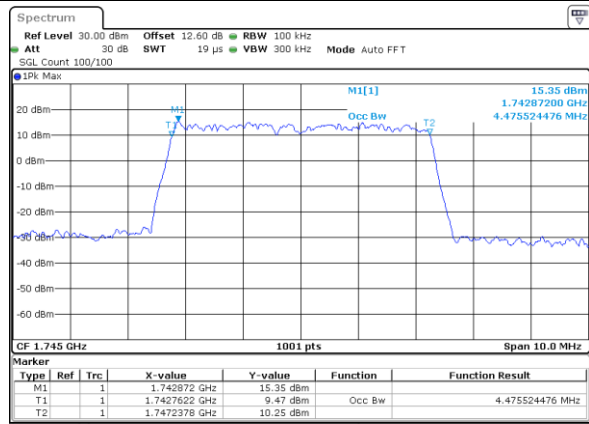
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 17 JUN 2022 16:41:58

Middle Channel / 5MHz / 16QAM

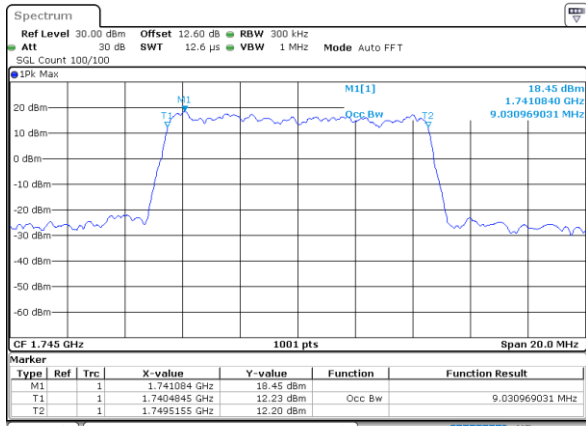


Date: 17 JUN 2022 16:42:18



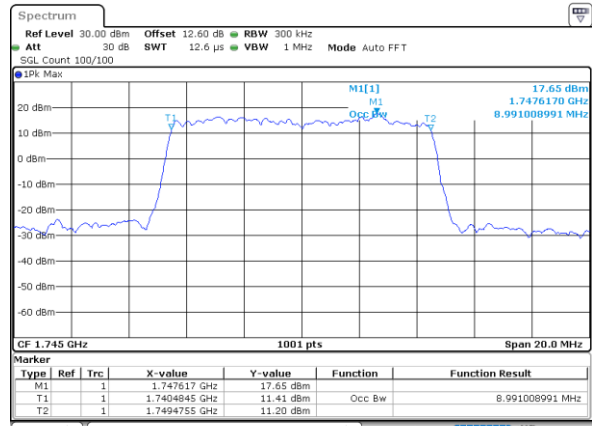
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 17 JUN 2022 16:52:09

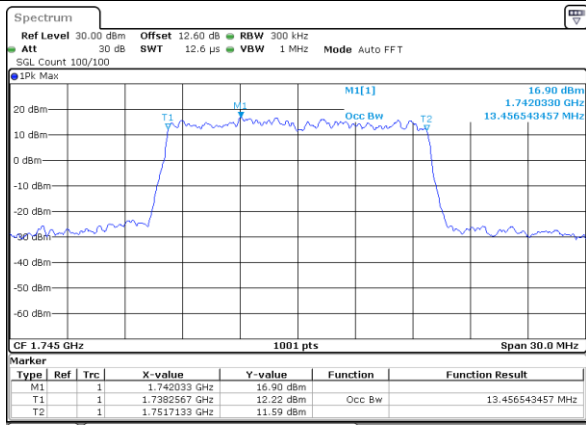
Middle Channel / 10MHz / 16QAM



Date: 17 JUN 2022 16:52:42

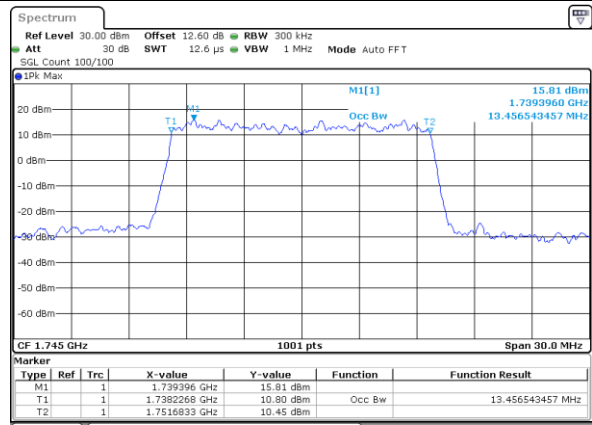
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 17 JUN 2022 17:18:47

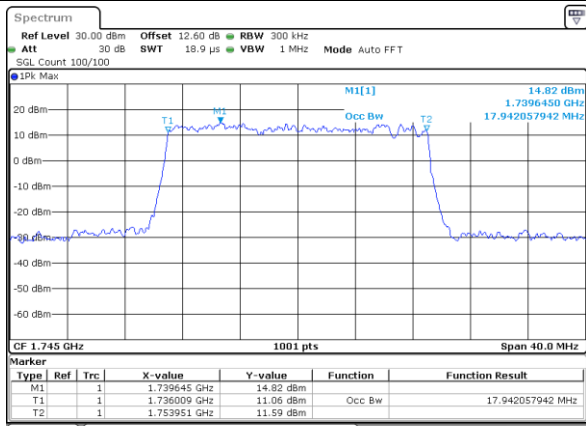
Middle Channel / 15MHz / 16QAM



Date: 17 JUN 2022 17:19:19

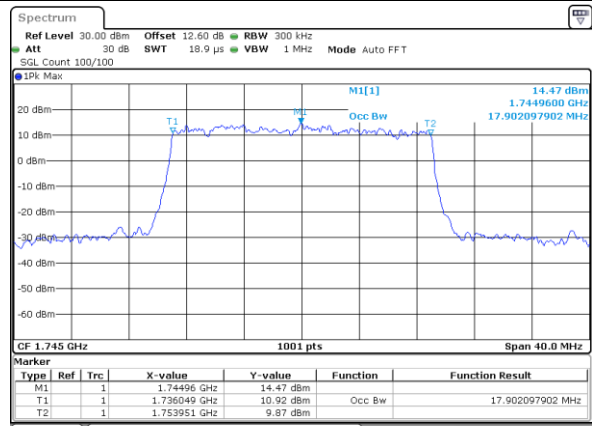
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 17 JUN 2022 17:32:54

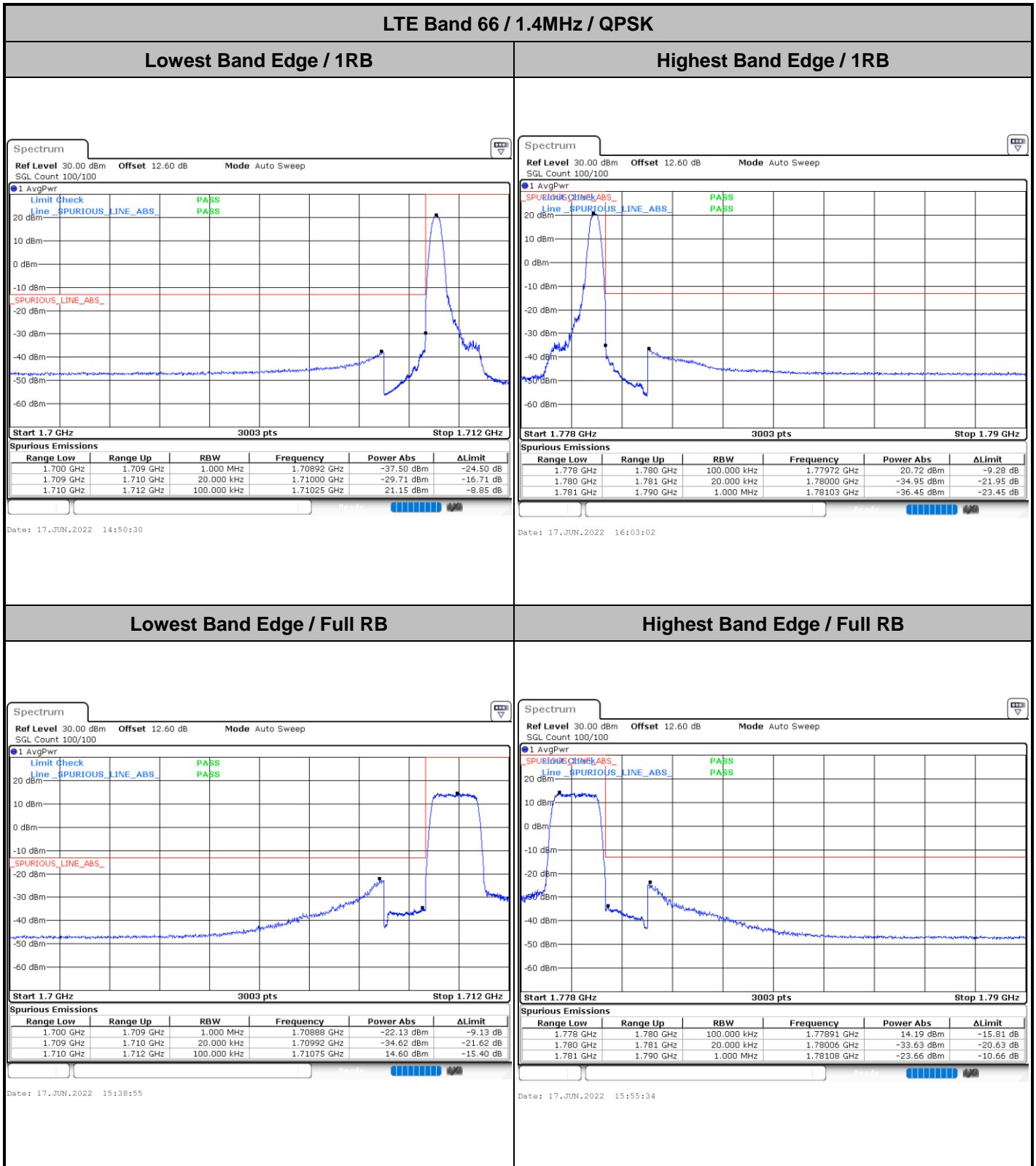
Middle Channel / 20MHz / 16QAM



Date: 17 JUN 2022 17:33:21



# Conducted Band Edge

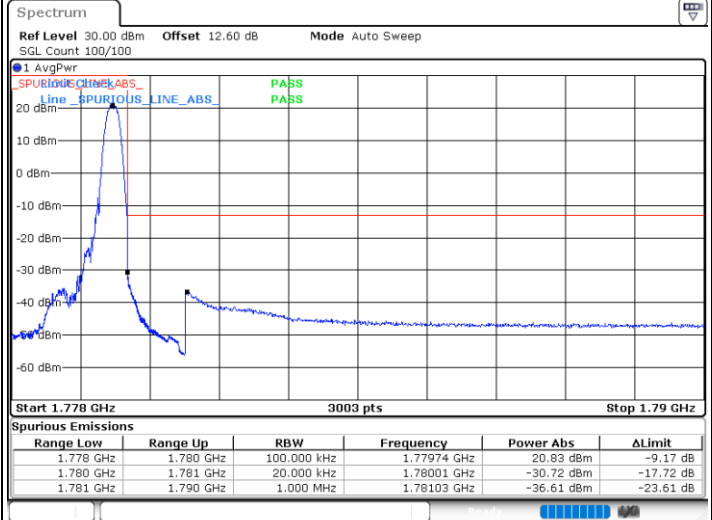
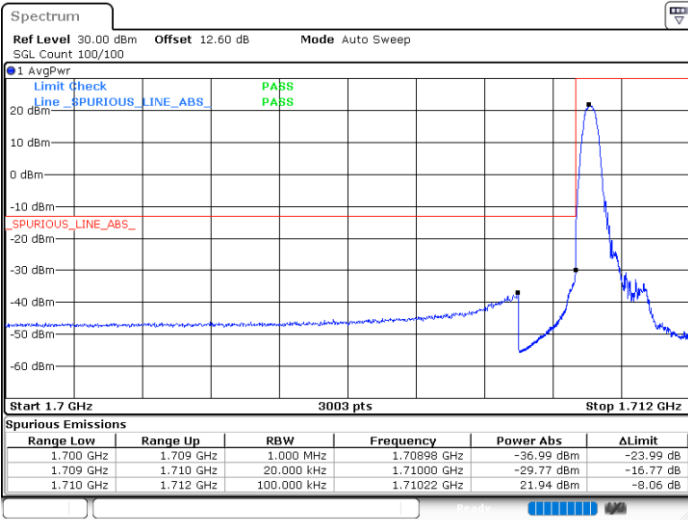




LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

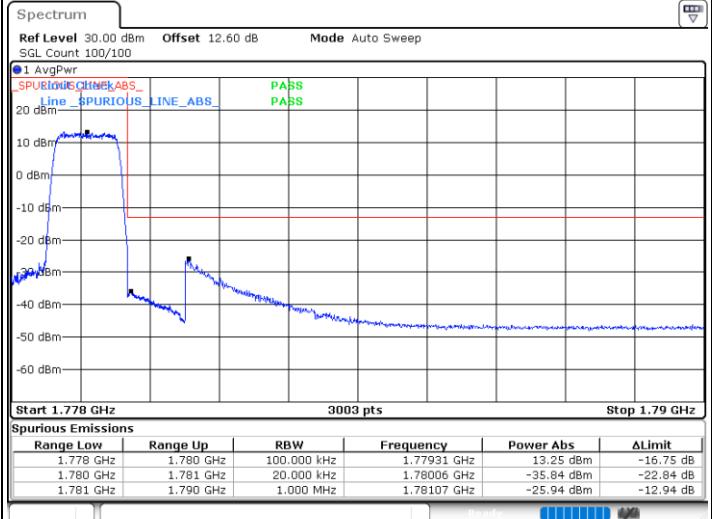
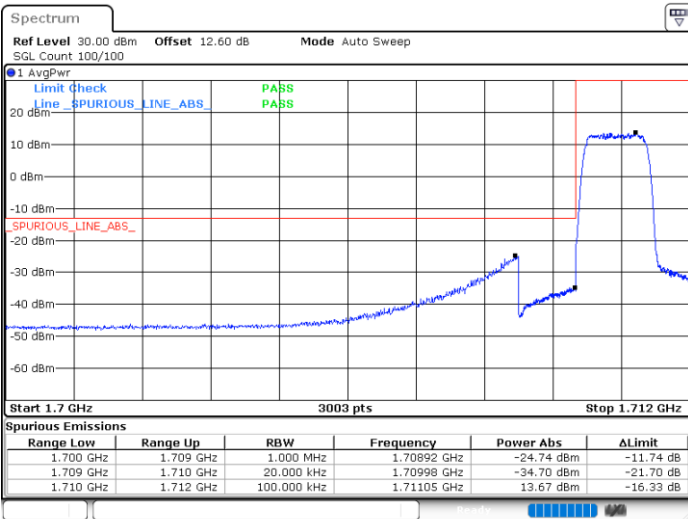


Date: 17.JUN.2022 15:10:33

Date: 17.JUN.2022 16:02:00

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



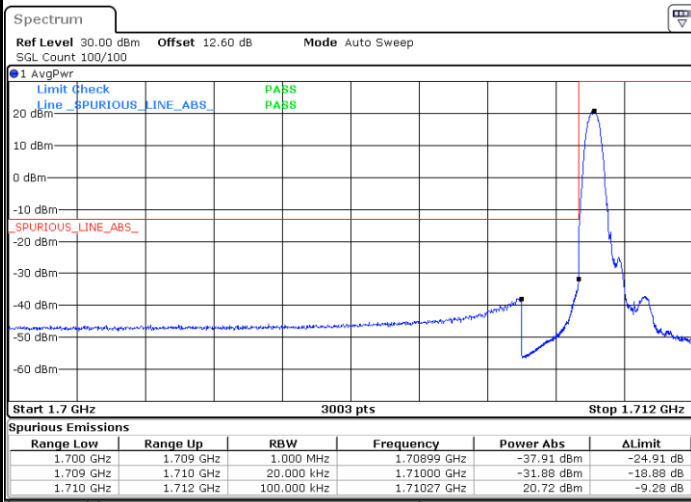
Date: 17.JUN.2022 15:37:34

Date: 17.JUN.2022 15:57:59



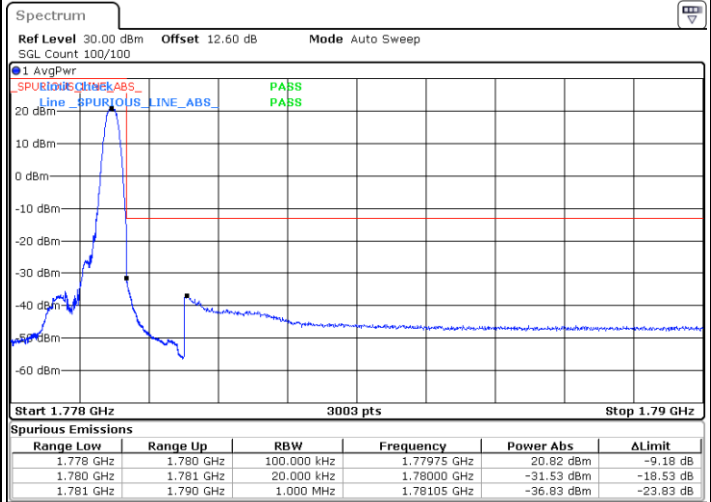
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



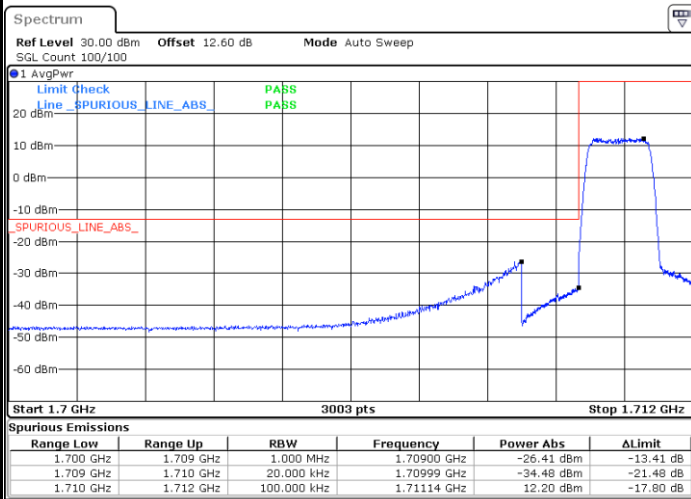
Date: 17 JUN.2022 15:30:22

Highest Band Edge / 1 RB



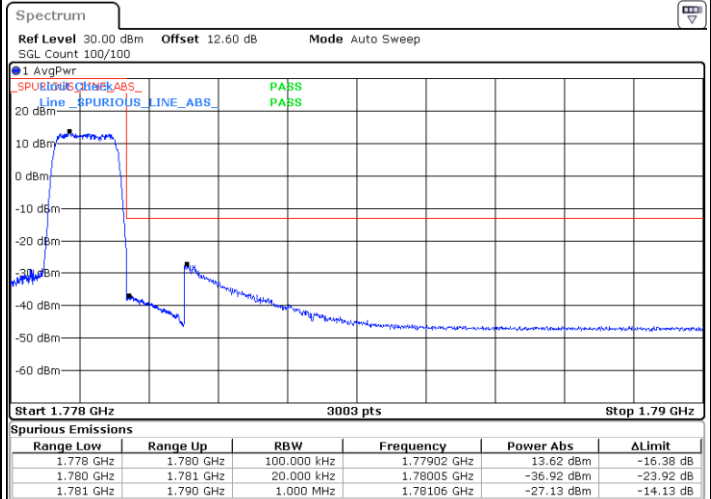
Date: 17 JUN.2022 16:00:57

Lowest Band Edge / Full RB



Date: 17 JUN.2022 15:31:35

Highest Band Edge / Full RB

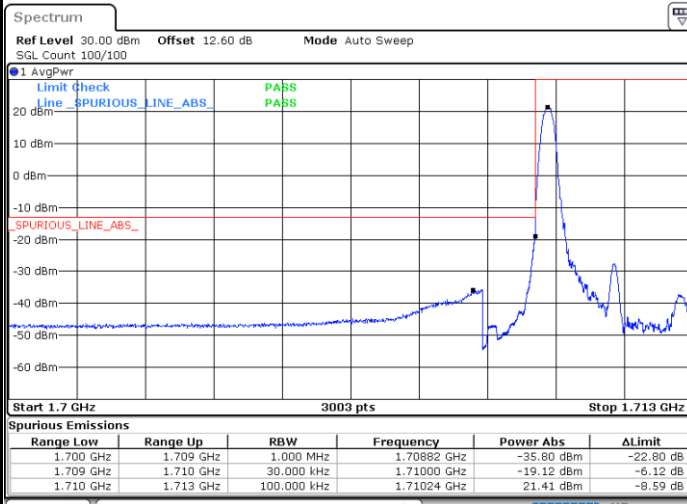


Date: 17 JUN.2022 15:59:40



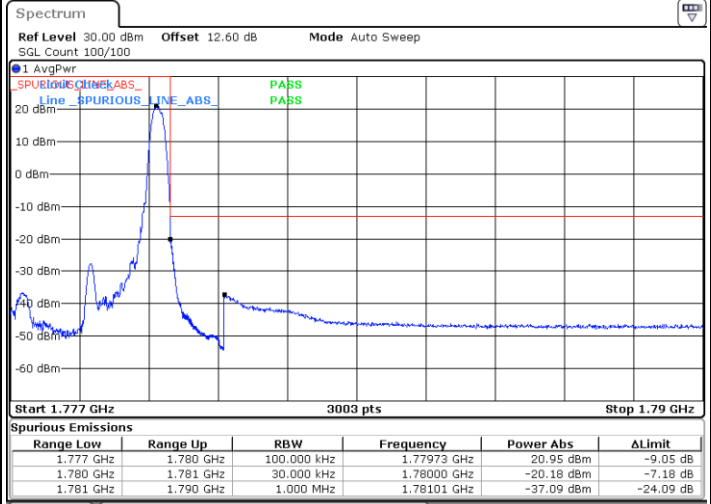
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



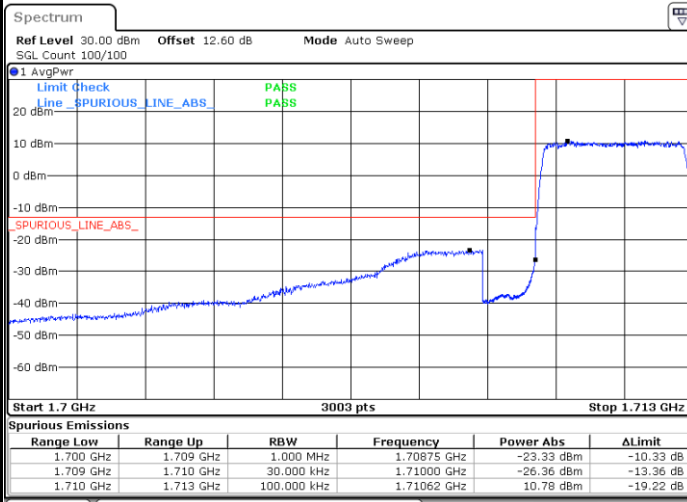
Date: 17 JUN.2022 16:08:33

Highest Band Edge / 1 RB



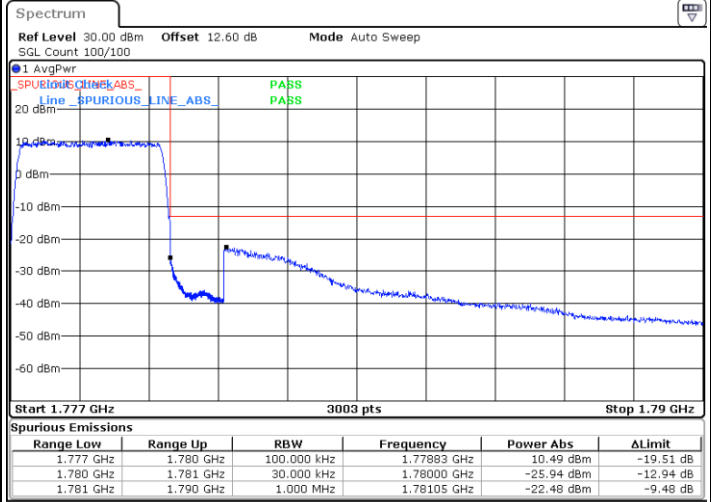
Date: 17 JUN.2022 16:33:03

Lowest Band Edge / Full RB



Date: 17 JUN.2022 16:13:51

Highest Band Edge / Full RB

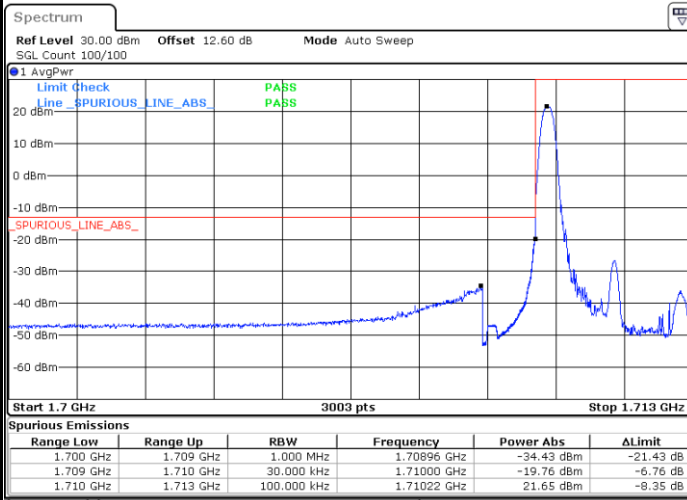


Date: 17 JUN.2022 16:27:17



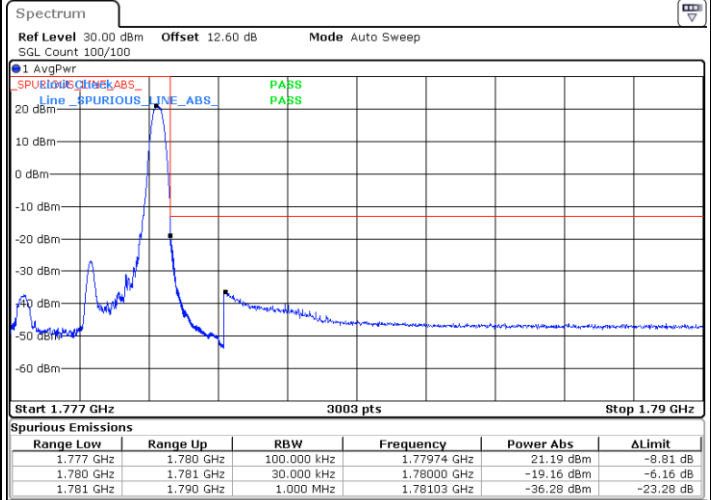
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



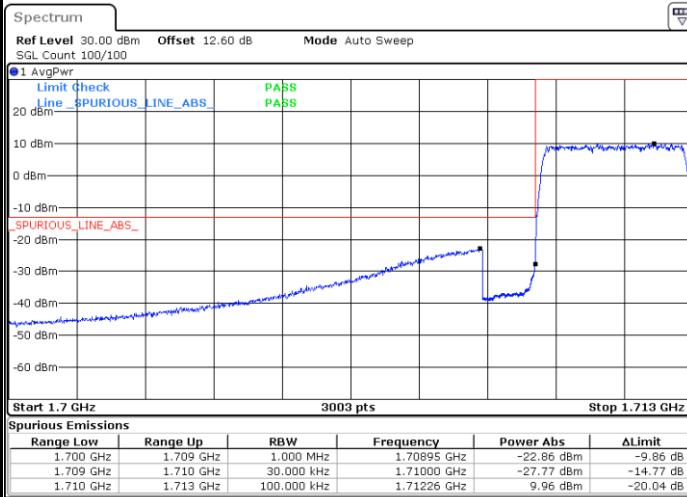
Date: 17 JUN 2022 16:09:32

Highest Band Edge / 1 RB



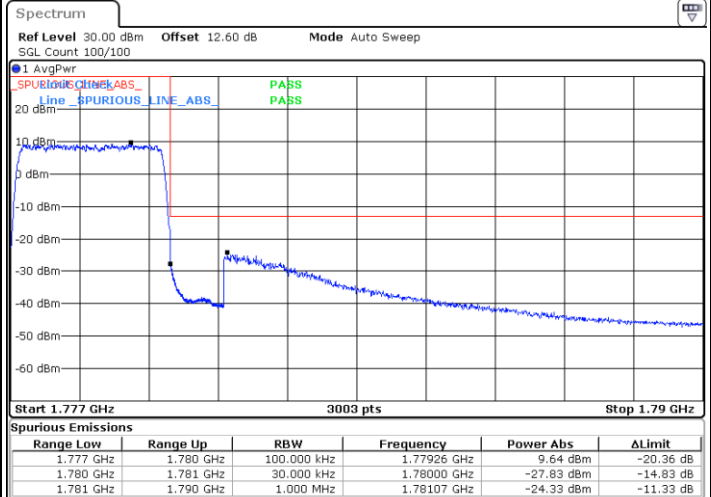
Date: 17 JUN 2022 16:32:26

Lowest Band Edge / Full RB



Date: 17 JUN 2022 16:12:54

Highest Band Edge / Full RB

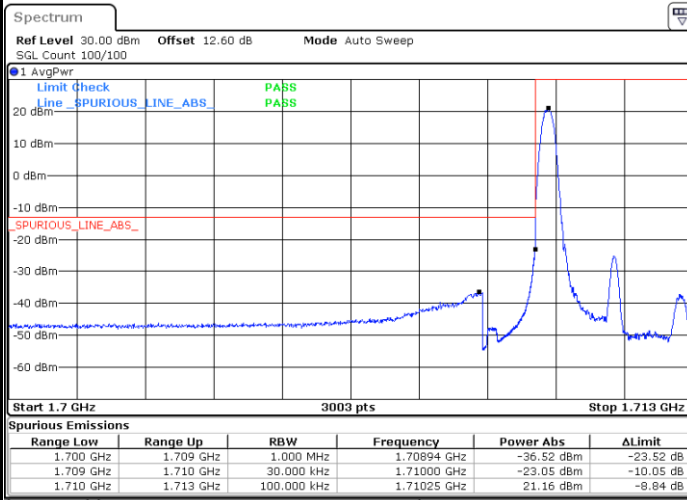


Date: 17 JUN 2022 16:28:50



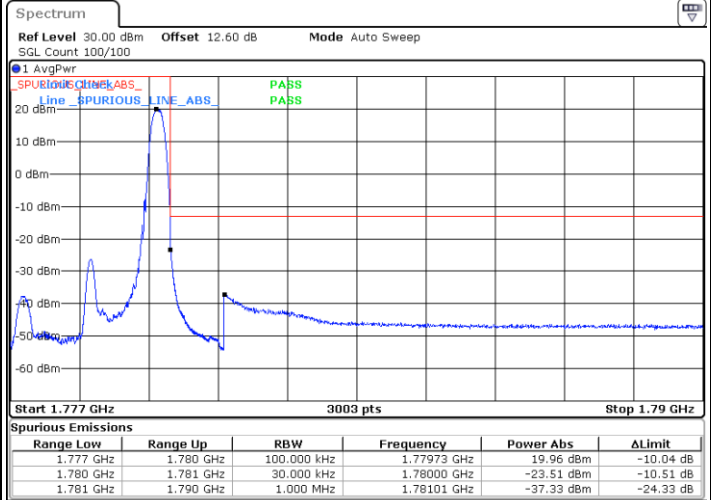
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



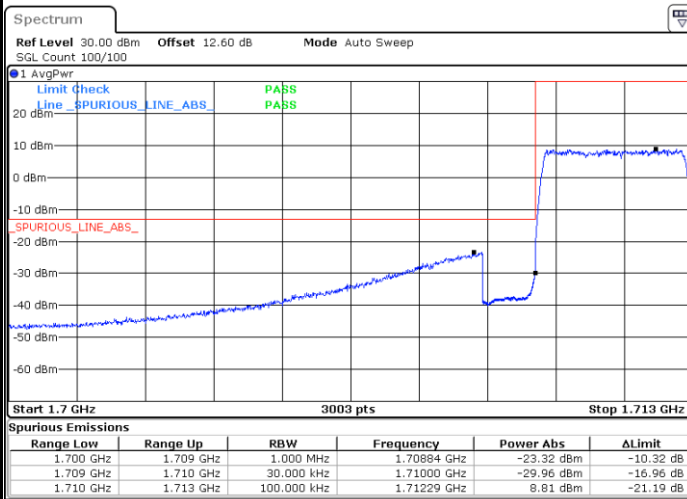
Date: 17.JUN.2022 16:10:17

Highest Band Edge / 1 RB



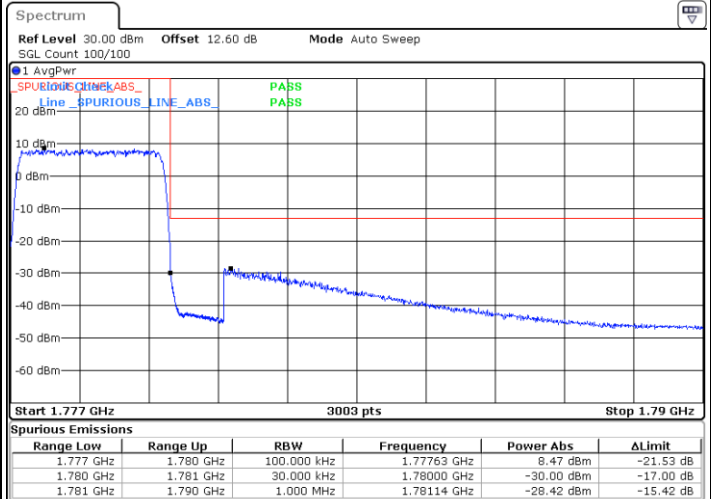
Date: 17.JUN.2022 16:31:30

Lowest Band Edge / Full RB



Date: 17.JUN.2022 16:12:03

Highest Band Edge / Full RB



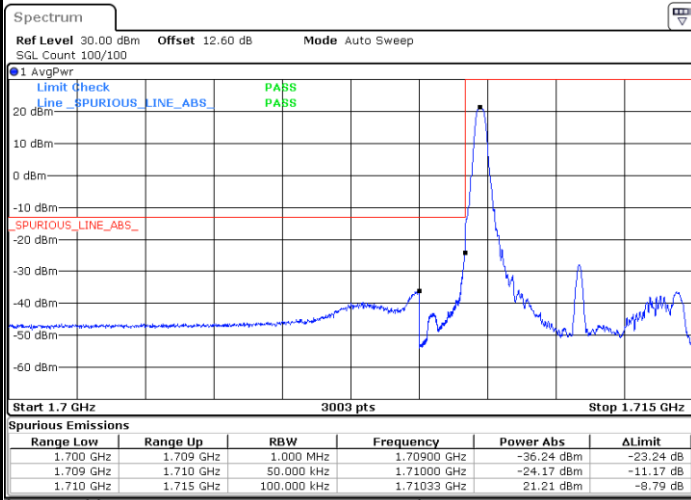
Date: 17.JUN.2022 16:30:36





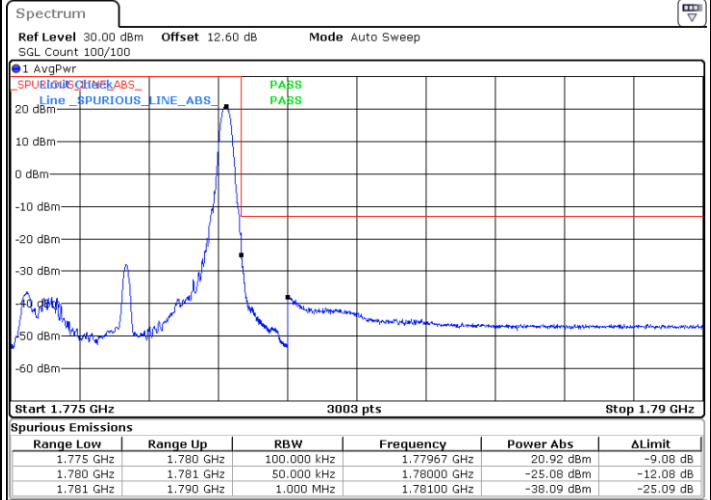
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



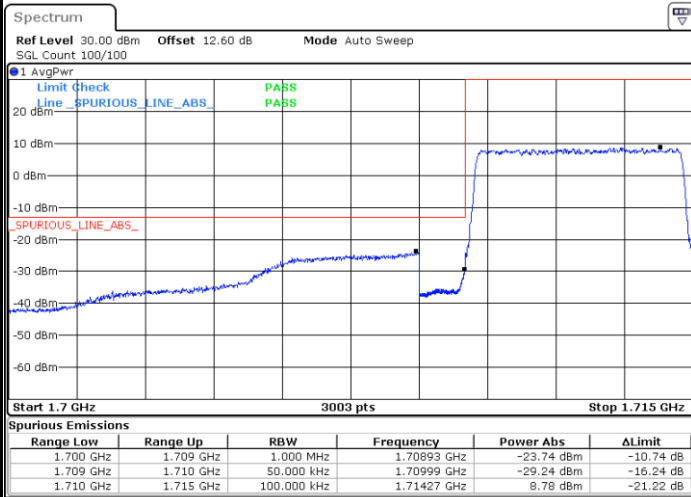
Date: 17 JUN.2022 16:39:17

Highest Band Edge / 1 RB



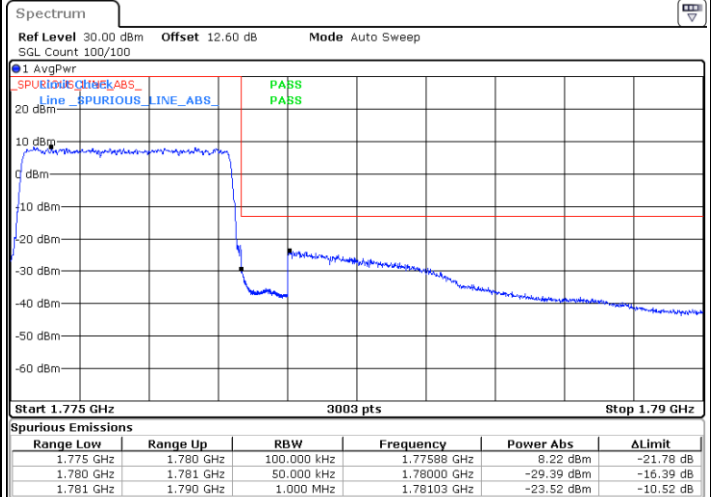
Date: 17 JUN.2022 16:46:45

Lowest Band Edge / Full RB



Date: 17 JUN.2022 16:41:24

Highest Band Edge / Full RB

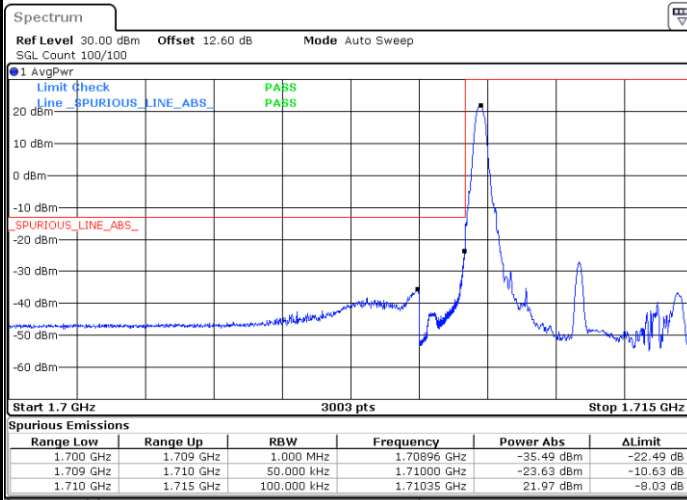


Date: 17 JUN.2022 16:43:12



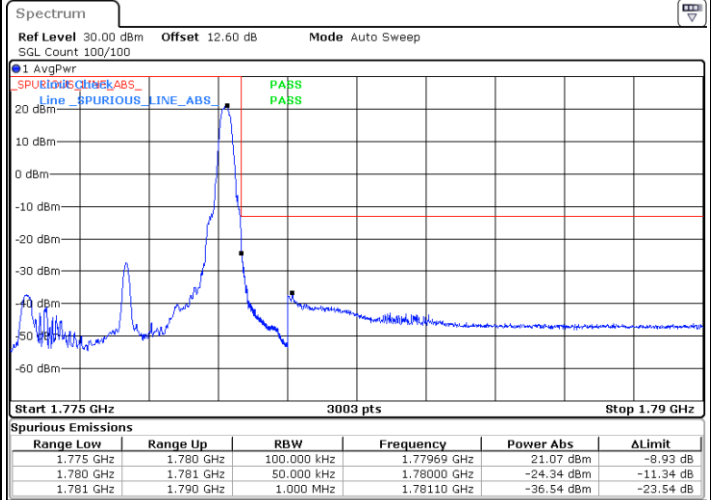
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



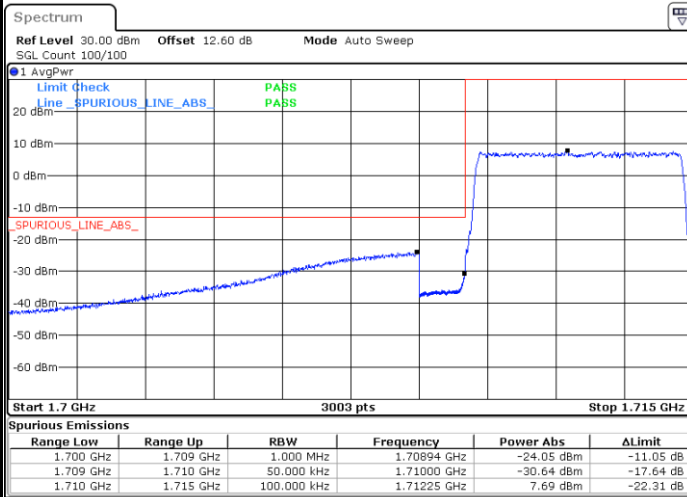
Date: 17 JUN 2022 16:39:37

Highest Band Edge / 1 RB



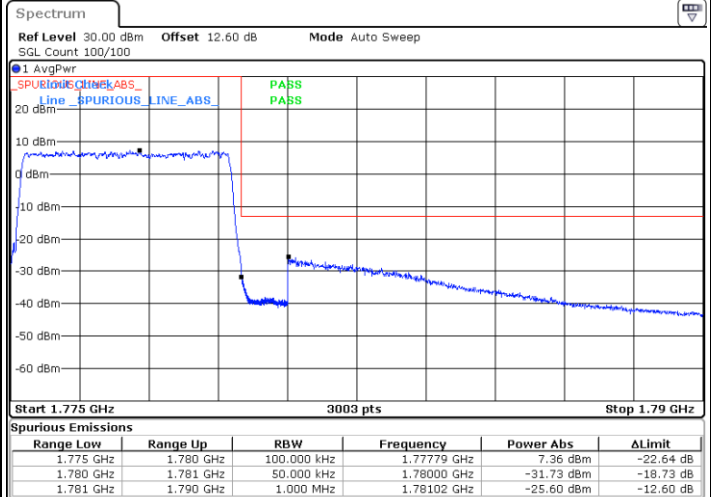
Date: 17 JUN 2022 16:46:12

Lowest Band Edge / Full RB



Date: 17 JUN 2022 16:40:51

Highest Band Edge / Full RB

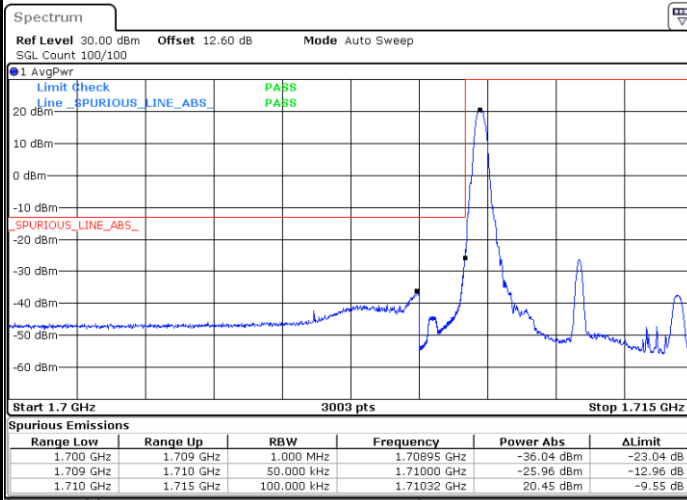


Date: 17 JUN 2022 16:43:33



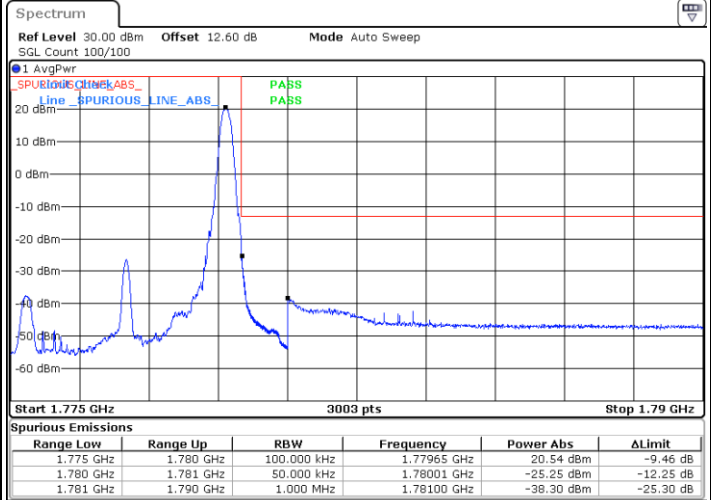
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



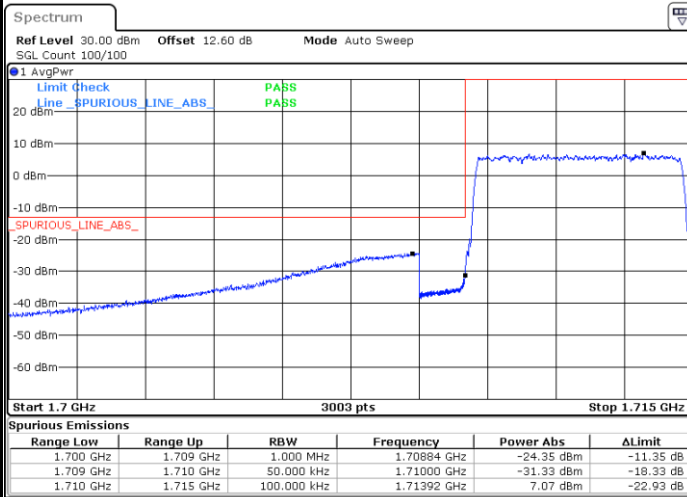
Date: 17 JUN.2022 16:39:57

Highest Band Edge / 1 RB



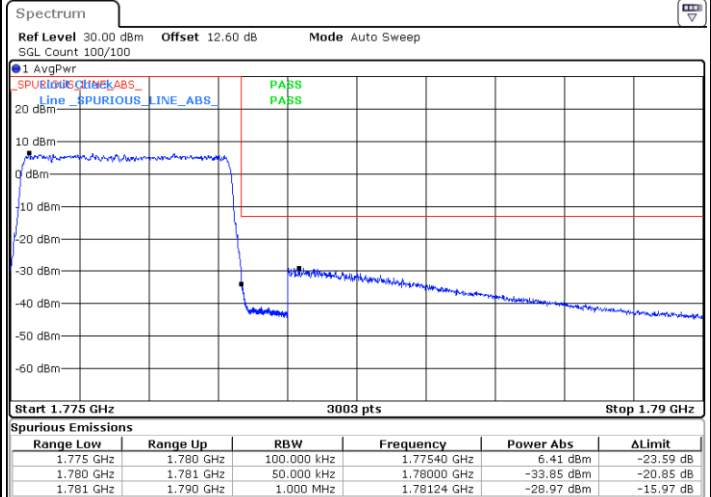
Date: 17 JUN.2022 16:45:41

Lowest Band Edge / Full RB



Date: 17 JUN.2022 16:40:23

Highest Band Edge / Full RB

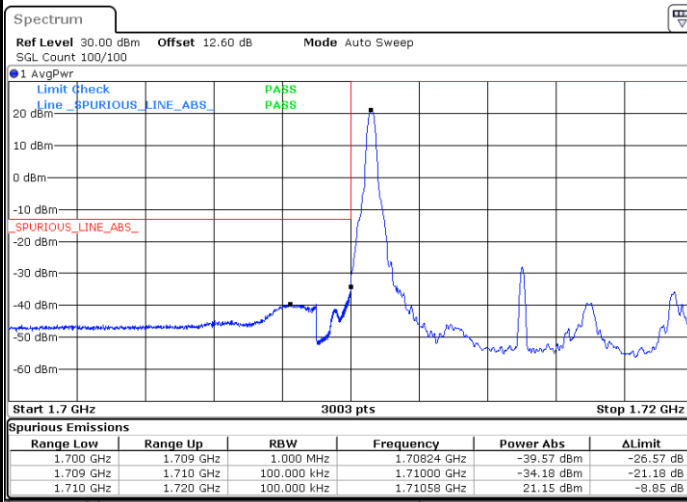


Date: 17 JUN.2022 16:43:53



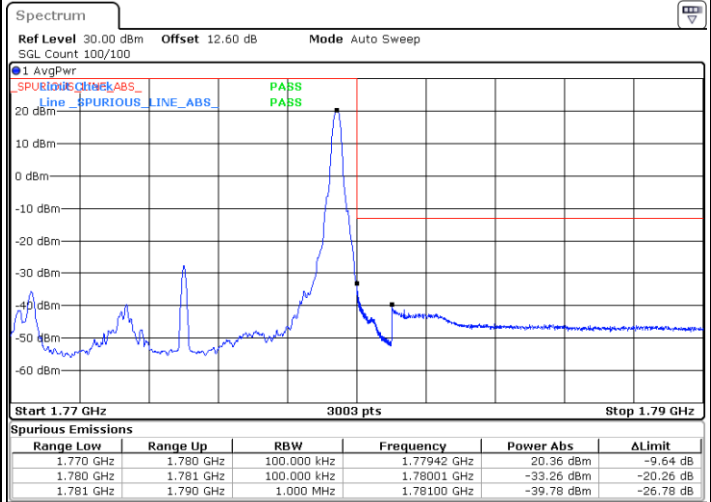
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



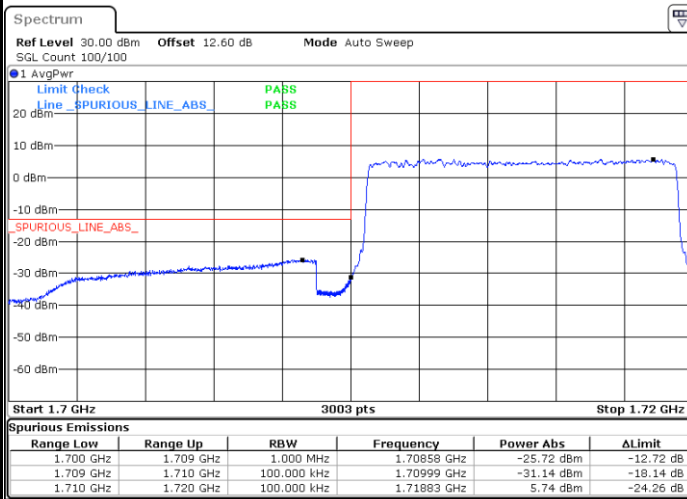
Date: 17 JUN 2022 16:50:10

Highest Band Edge / 1 RB



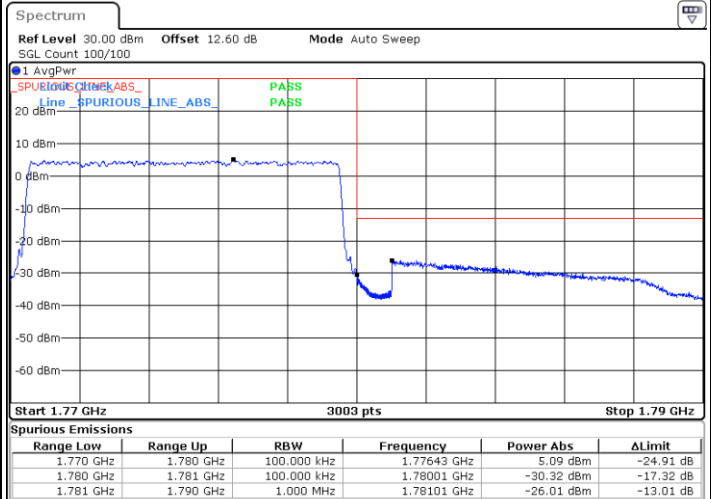
Date: 17 JUN 2022 17:09:18

Lowest Band Edge / Full RB



Date: 17 JUN 2022 16:51:34

Highest Band Edge / Full RB

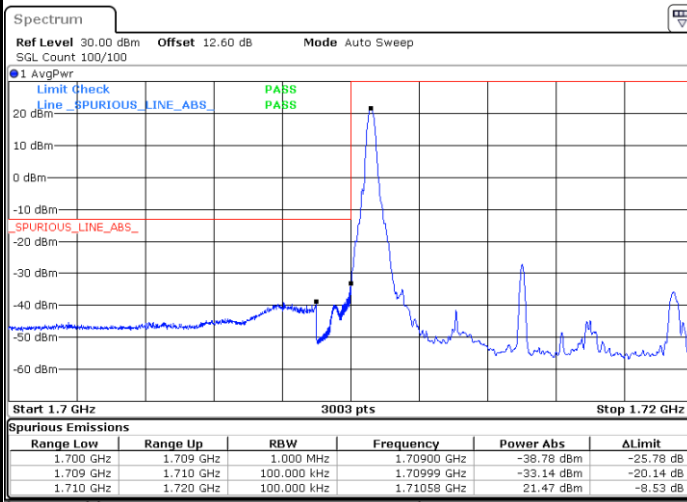


Date: 17 JUN 2022 16:54:35



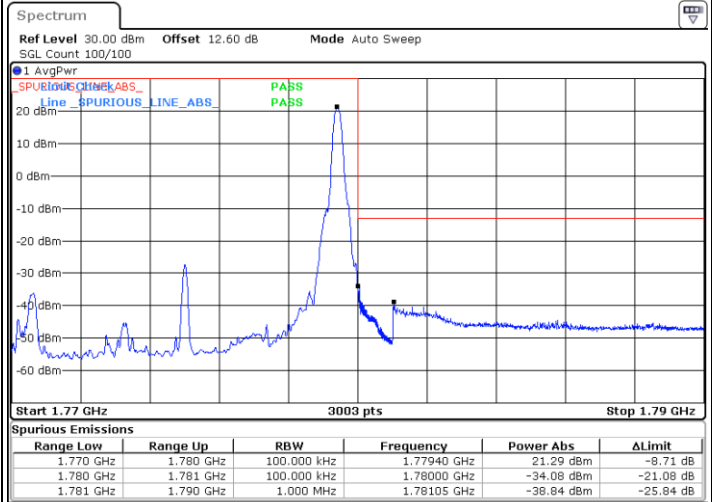
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



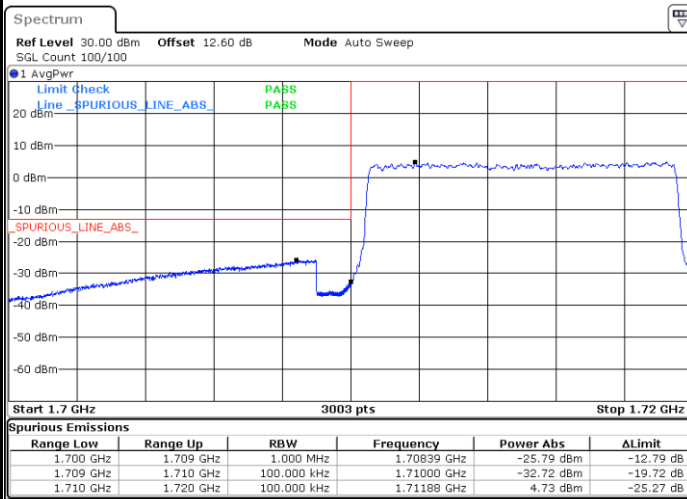
Date: 17 JUN 2022 16:50:25

Highest Band Edge / 1 RB



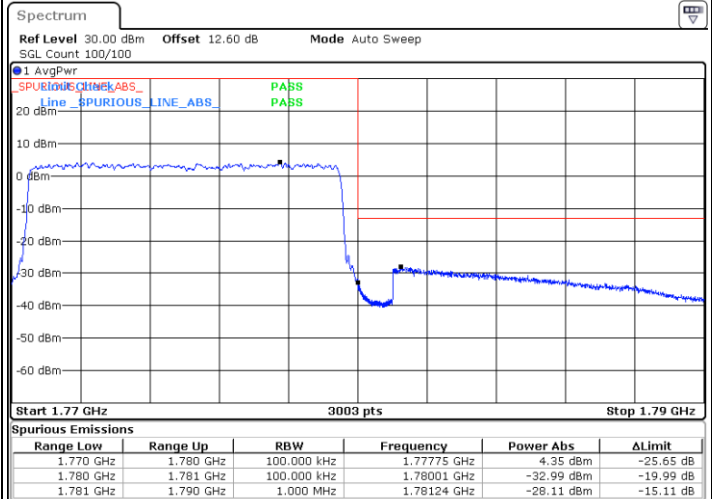
Date: 17 JUN 2022 17:07:45

Lowest Band Edge / Full RB



Date: 17 JUN 2022 16:51:16

Highest Band Edge / Full RB

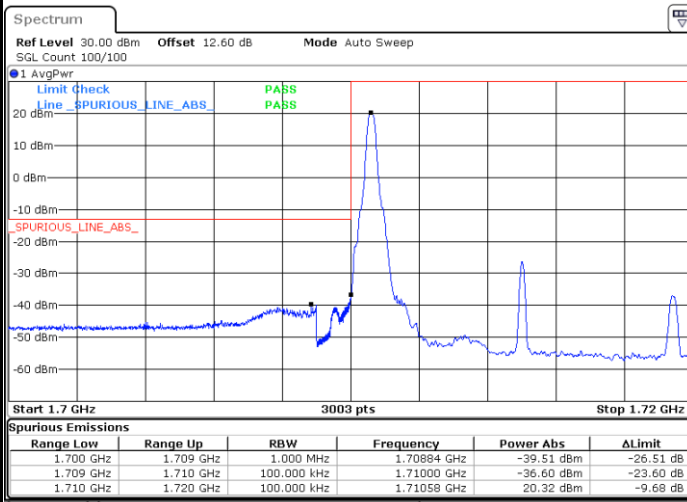


Date: 17 JUN 2022 16:54:48



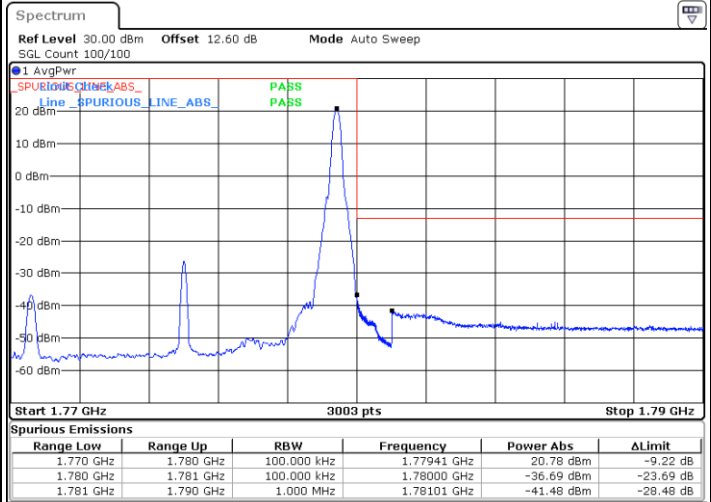
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



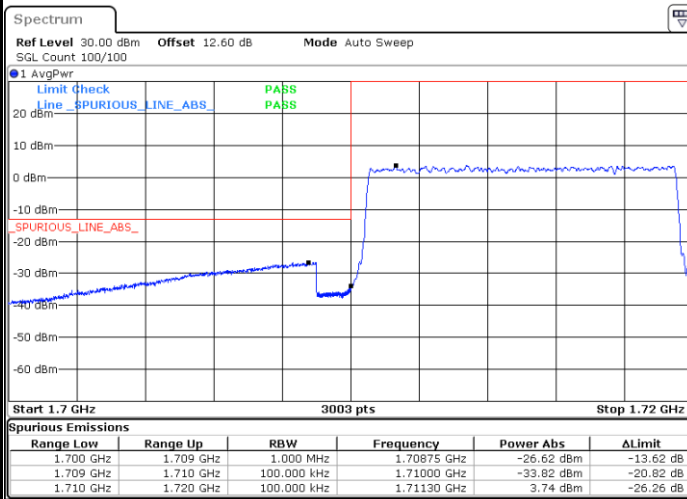
Date: 17 JUN 2022 16:50:39

Highest Band Edge / 1 RB



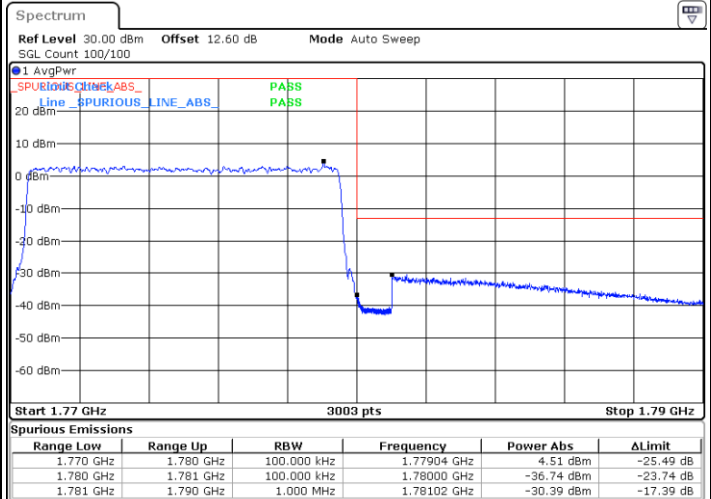
Date: 17 JUN 2022 17:00:33

Lowest Band Edge / Full RB



Date: 17 JUN 2022 16:51:01

Highest Band Edge / Full RB

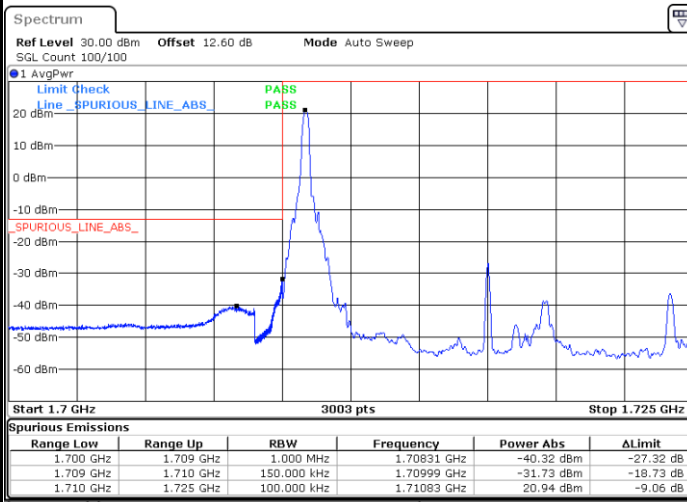


Date: 17 JUN 2022 16:56:26



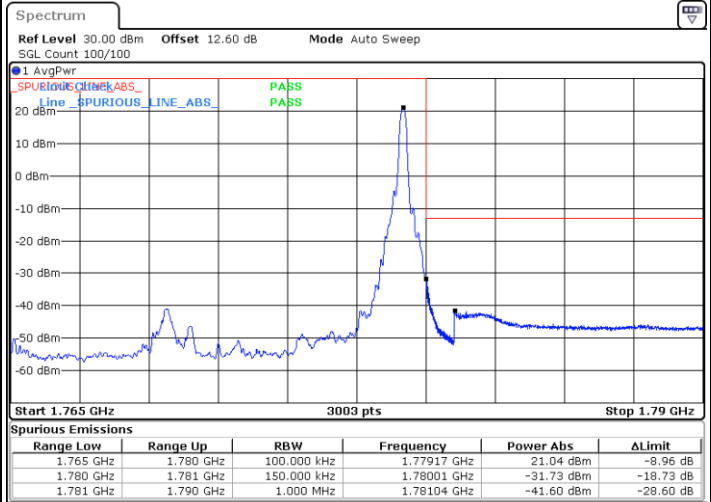
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



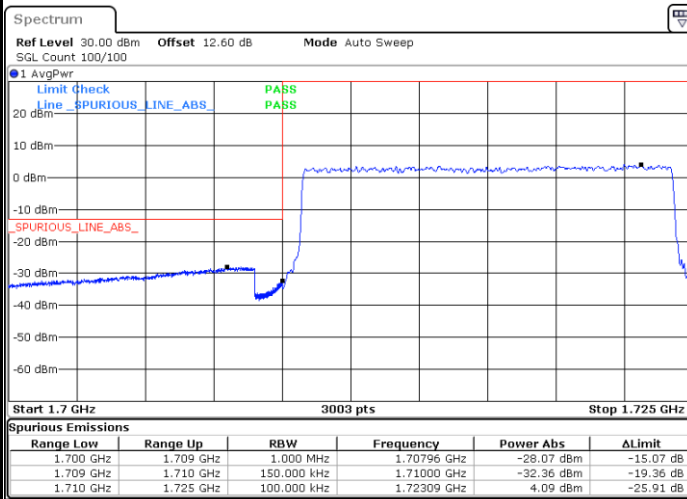
Date: 17 JUN.2022 17:16:42

Highest Band Edge / 1 RB



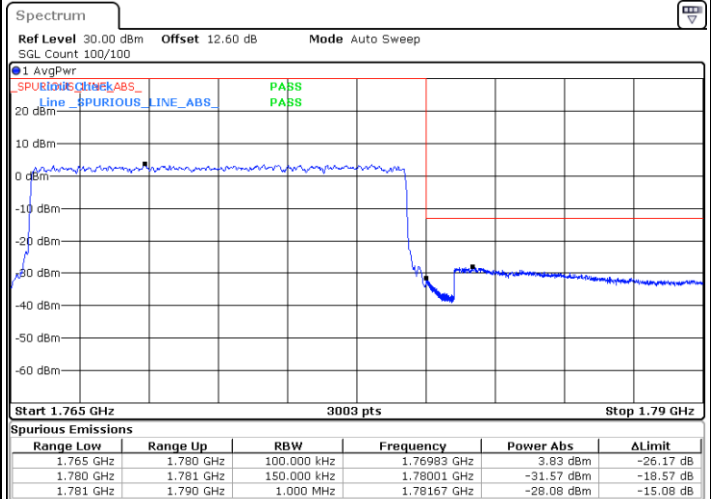
Date: 17 JUN.2022 17:21:41

Lowest Band Edge / Full RB



Date: 17 JUN.2022 17:18:14

Highest Band Edge / Full RB

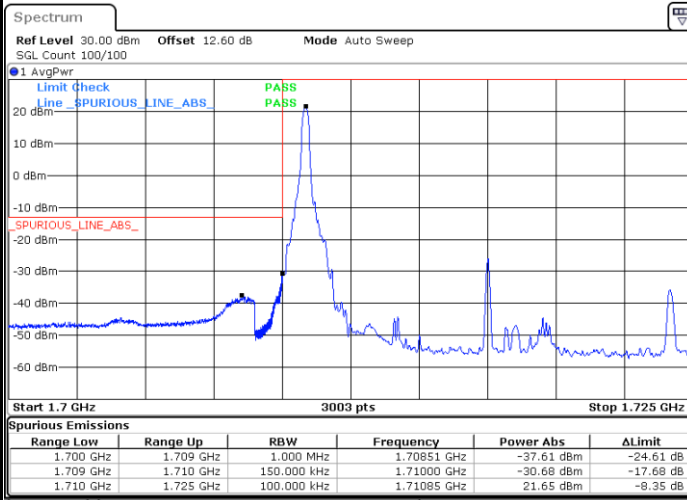


Date: 17 JUN.2022 17:20:14



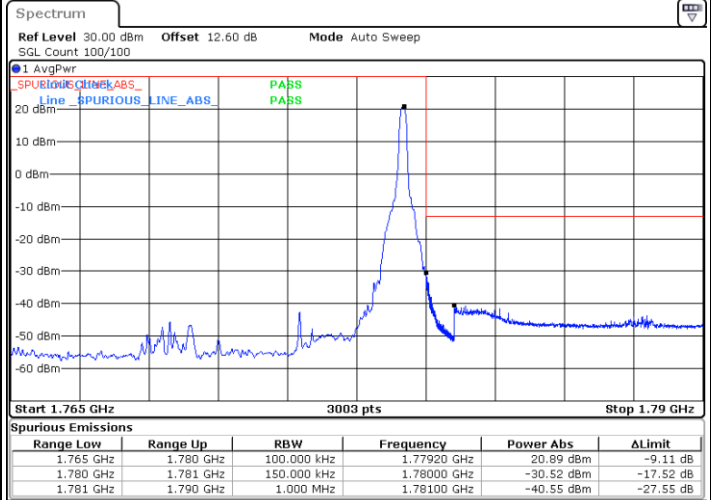
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



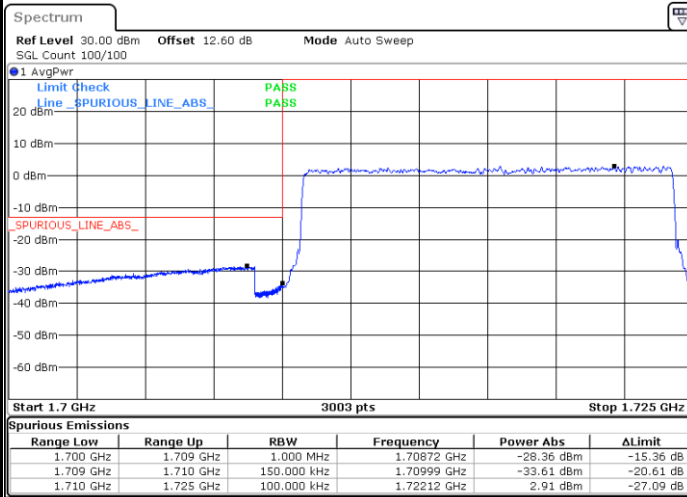
Date: 17.JUN.2022 17:17:00

Highest Band Edge / 1 RB



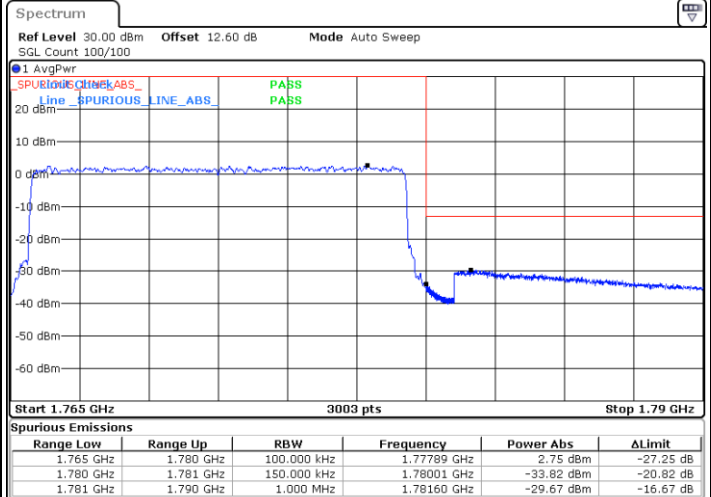
Date: 17.JUN.2022 17:21:20

Lowest Band Edge / Full RB



Date: 17.JUN.2022 17:17:57

Highest Band Edge / Full RB



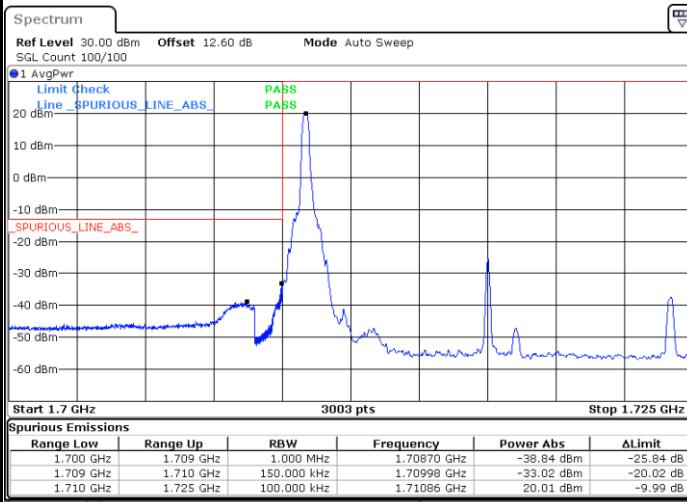
Date: 17.JUN.2022 17:20:29





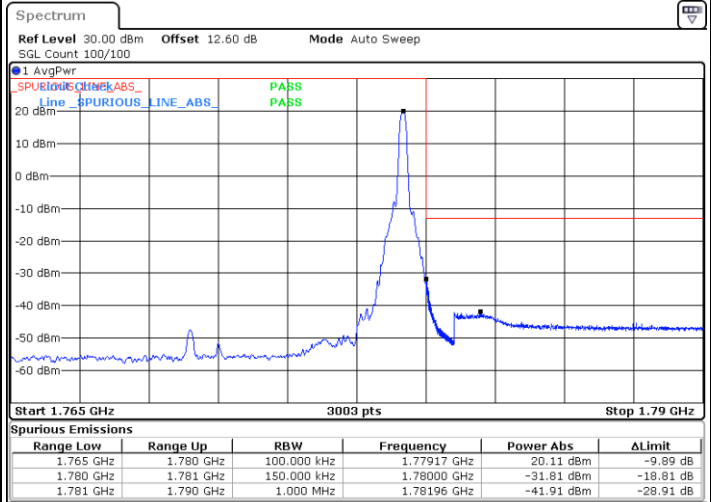
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



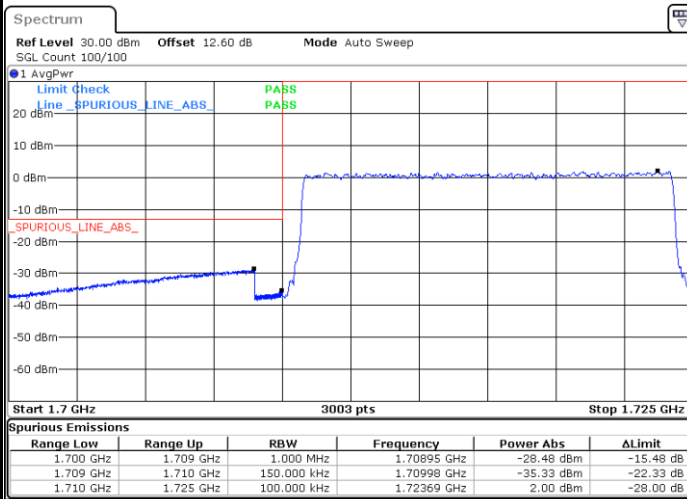
Date: 17 JUN.2022 17:17:13

Highest Band Edge / 1 RB



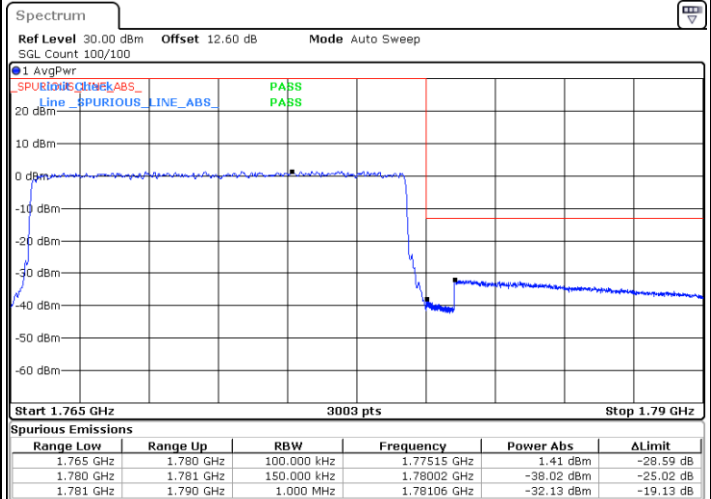
Date: 17 JUN.2022 17:21:07

Lowest Band Edge / Full RB



Date: 17 JUN.2022 17:17:37

Highest Band Edge / Full RB

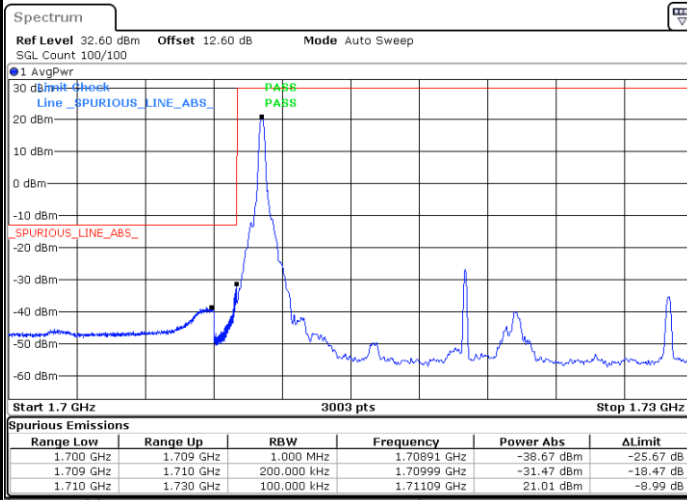


Date: 17 JUN.2022 17:20:41



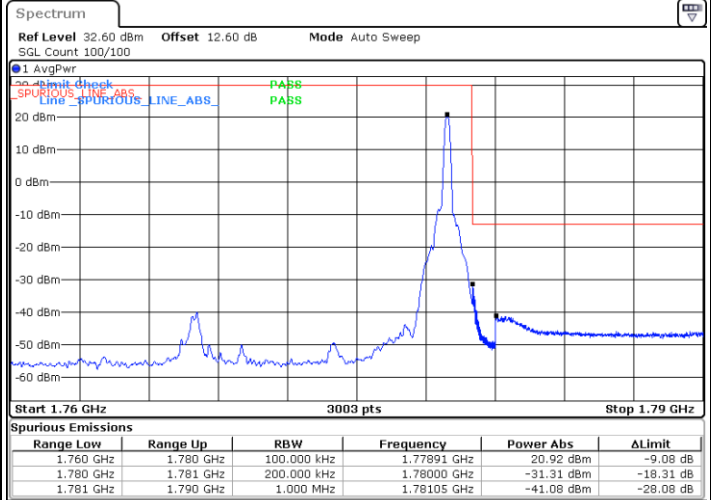
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



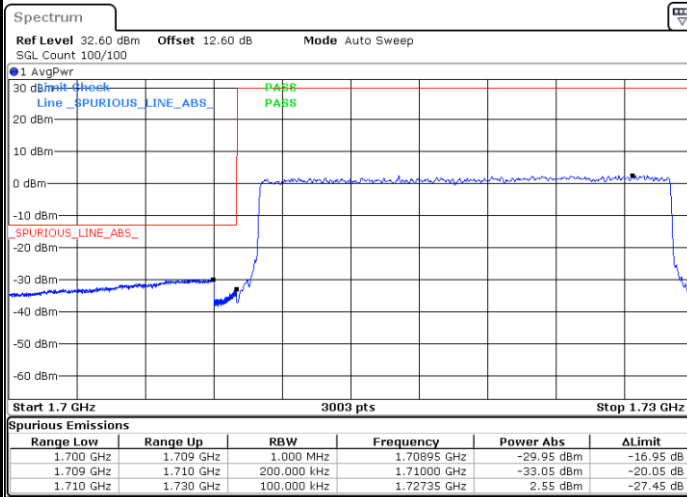
Date: 17 JUN.2022 17:29:58

Highest Band Edge / 1 RB



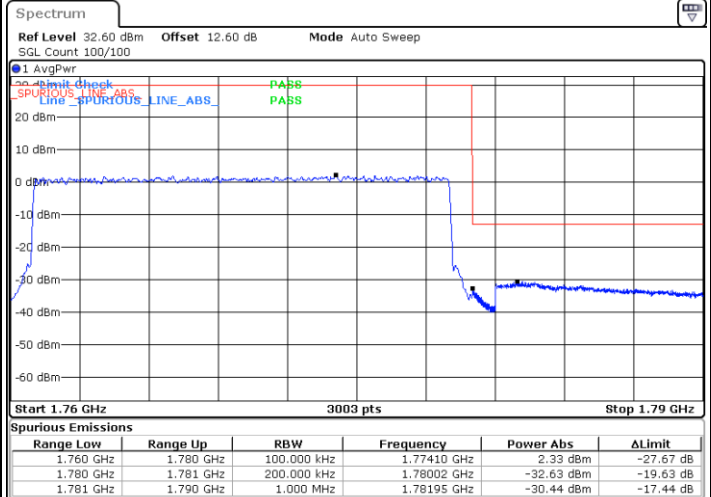
Date: 17 JUN.2022 17:37:00

Lowest Band Edge / Full RB



Date: 17 JUN.2022 17:32:16

Highest Band Edge / Full RB

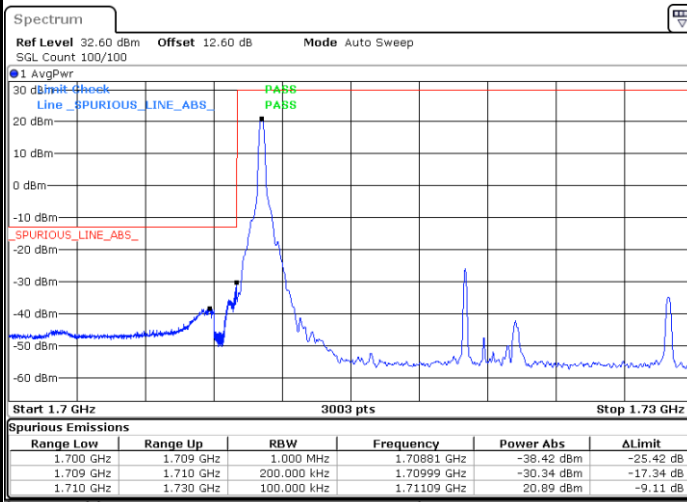


Date: 17 JUN.2022 17:35:16



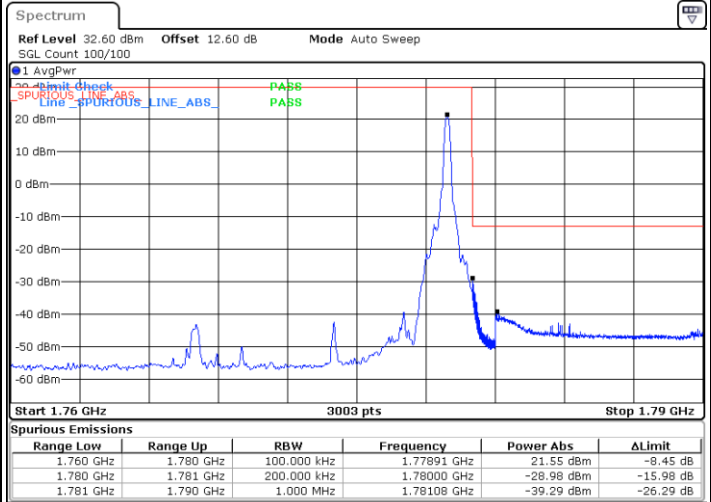
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



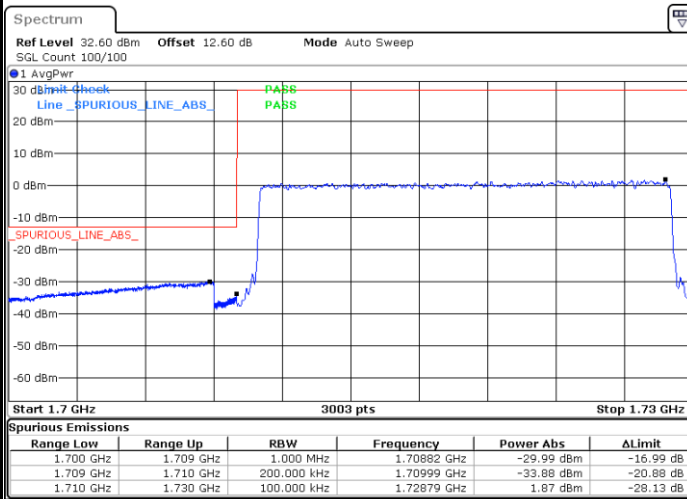
Date: 17 JUN.2022 17:30:20

Highest Band Edge / 1 RB



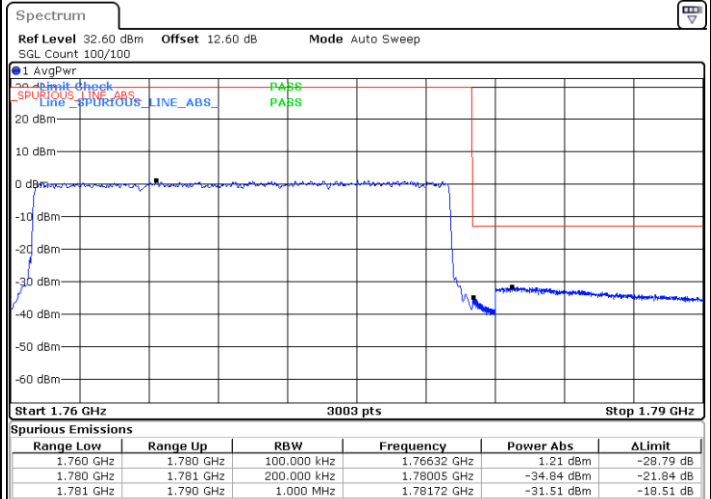
Date: 17 JUN.2022 17:36:23

Lowest Band Edge / Full RB



Date: 17 JUN.2022 17:31:36

Highest Band Edge / Full RB

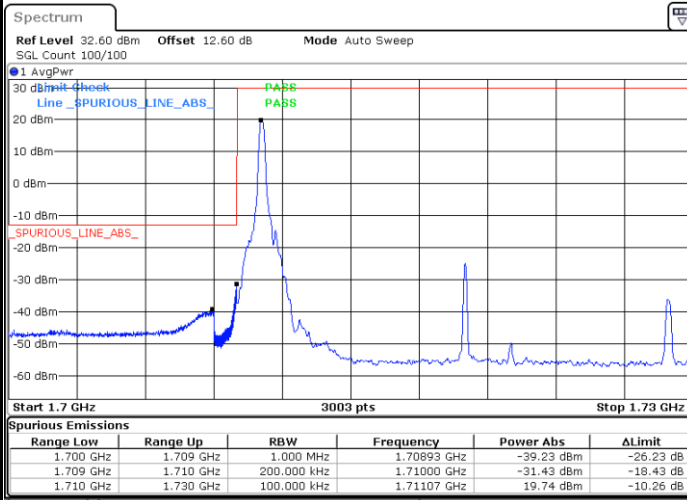


Date: 17 JUN.2022 17:35:32



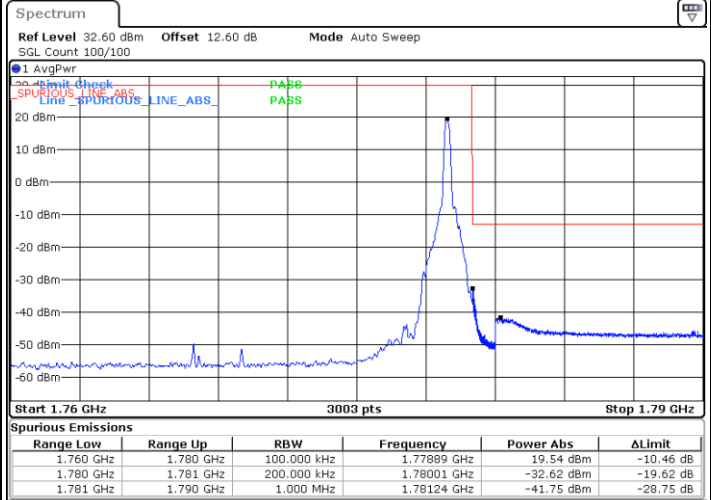
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



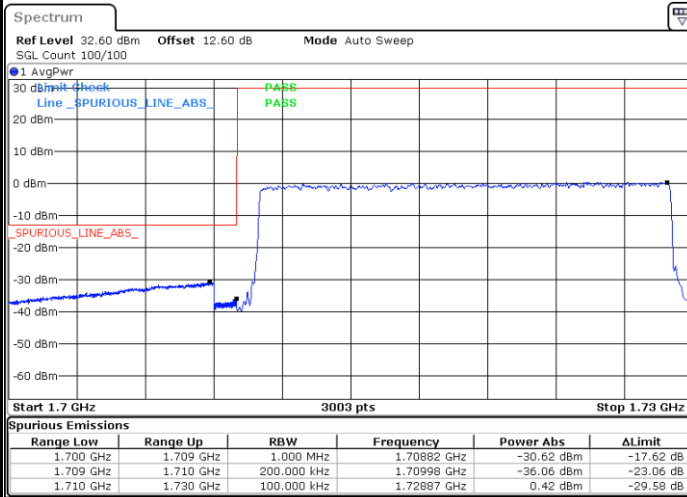
Date: 17 JUN.2022 17:30:38

Highest Band Edge / 1 RB



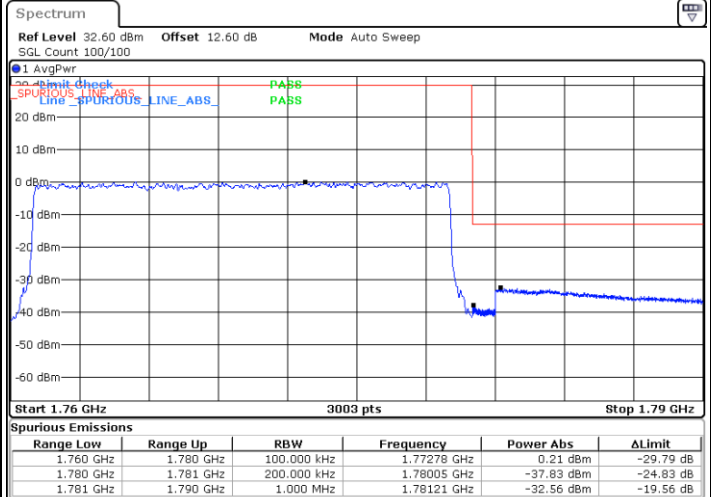
Date: 17 JUN.2022 17:36:03

Lowest Band Edge / Full RB



Date: 17 JUN.2022 17:31:02

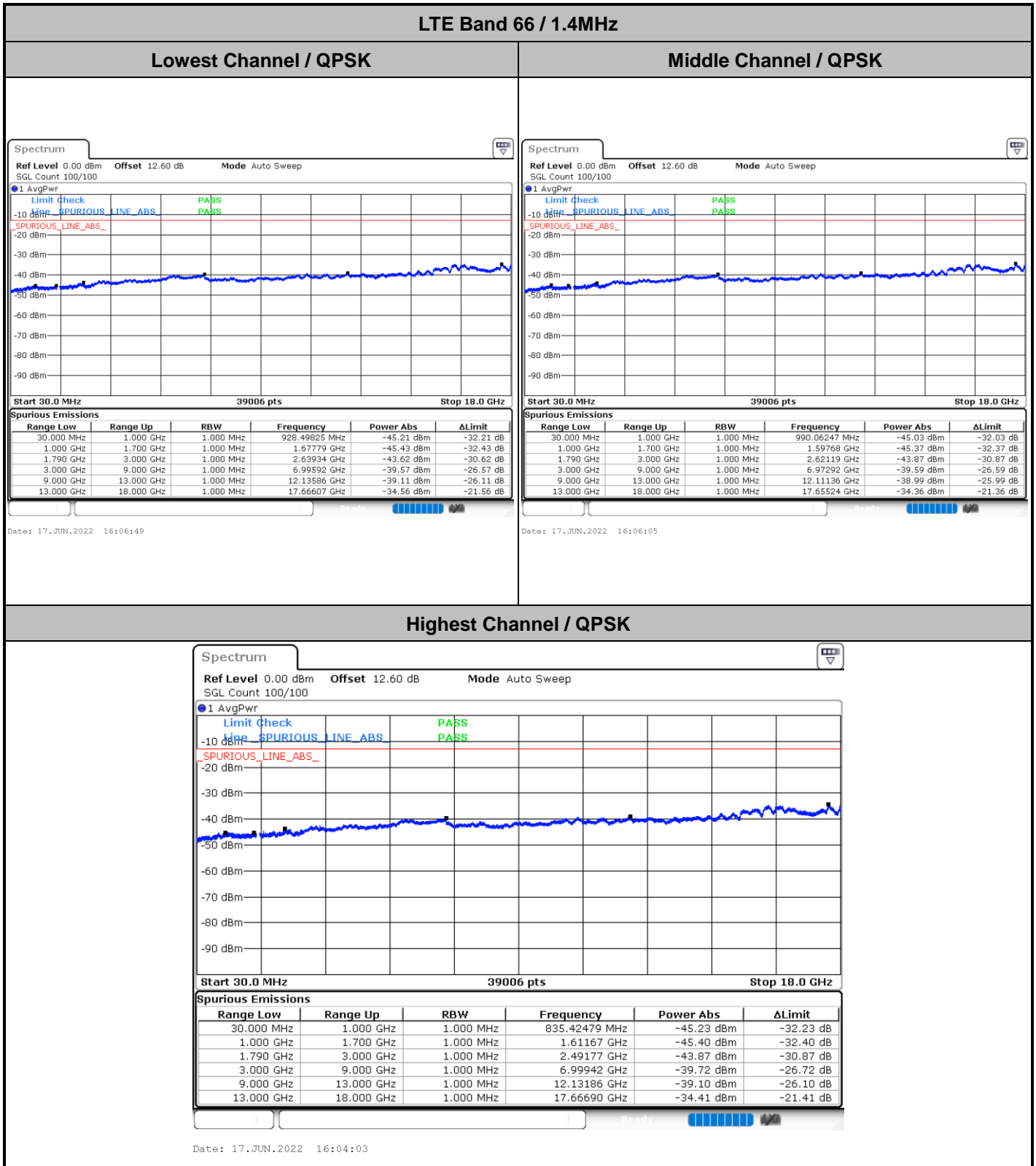
Highest Band Edge / Full RB



Date: 17 JUN.2022 17:35:45



# Conducted Spurious Emission

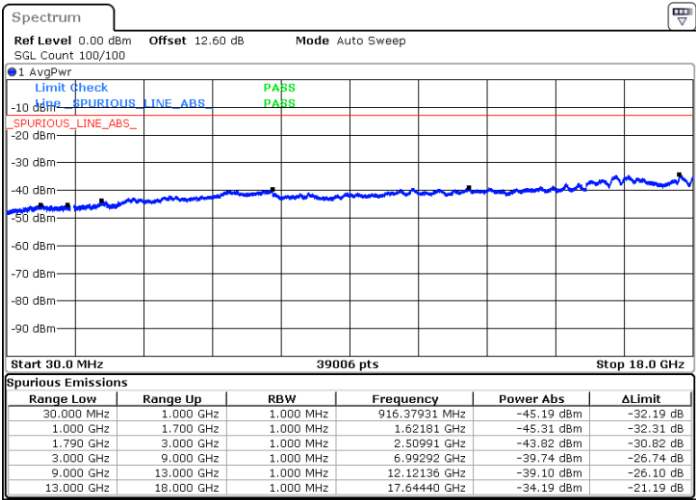




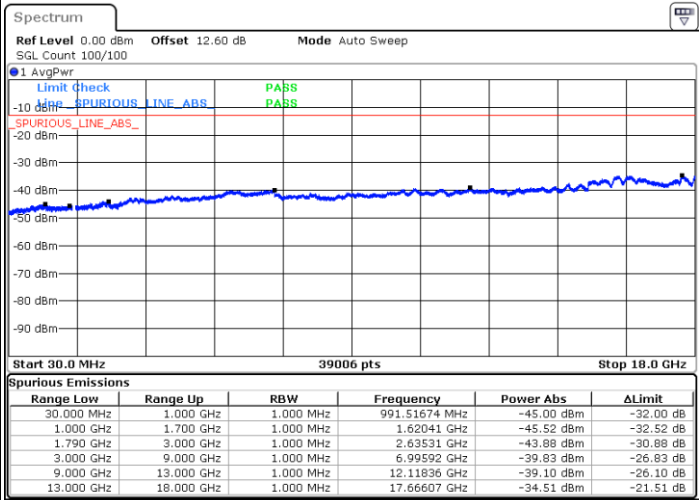
LTE Band 66 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

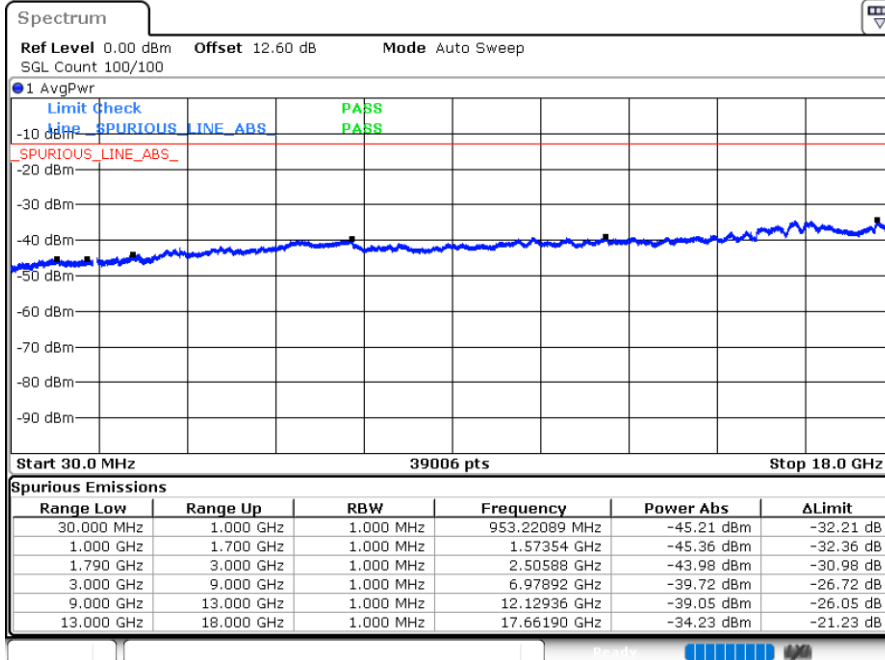


Date: 17.JUN.2022 16:36:12



Date: 17.JUN.2022 16:35:13

Highest Channel / QPSK



Date: 17.JUN.2022 16:34:04