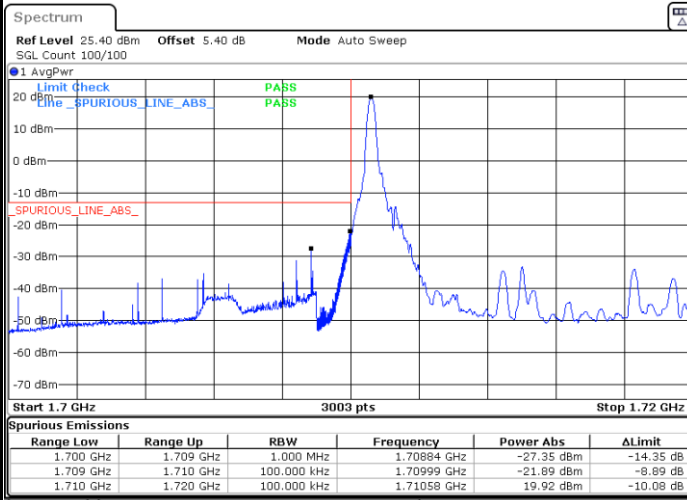




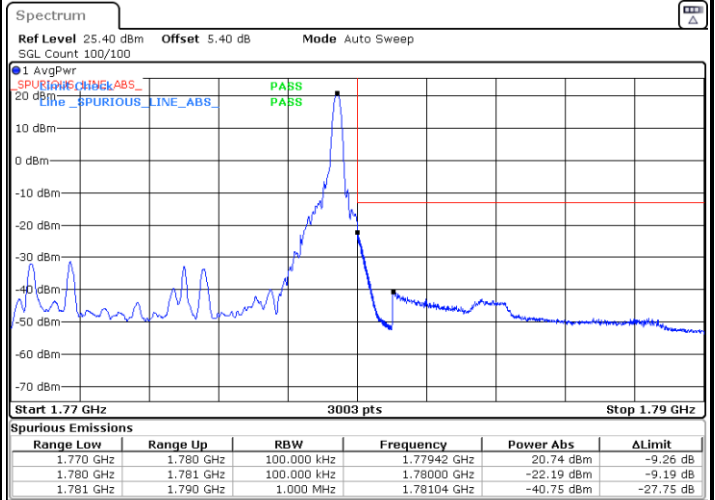
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



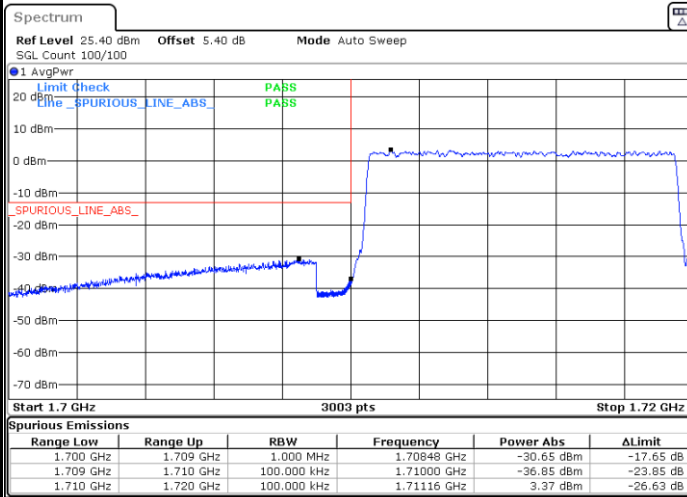
Date: 22 JUN 2023 01:03:59

Highest Band Edge / 1 RB



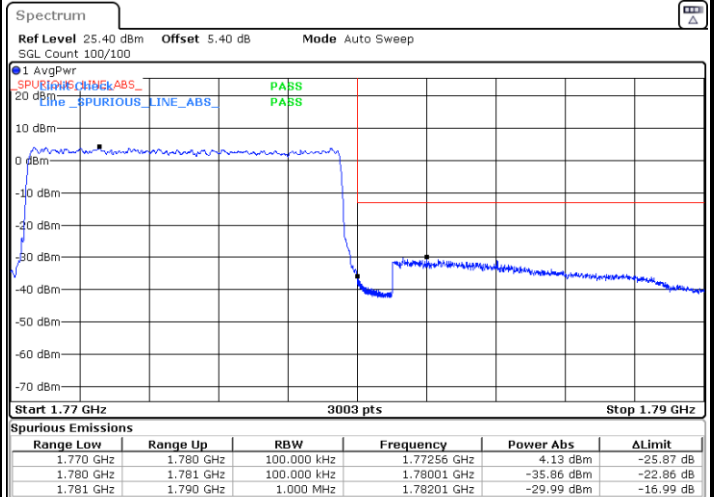
Date: 22 JUN 2023 01:12:56

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:08:07

Highest Band Edge / Full RB

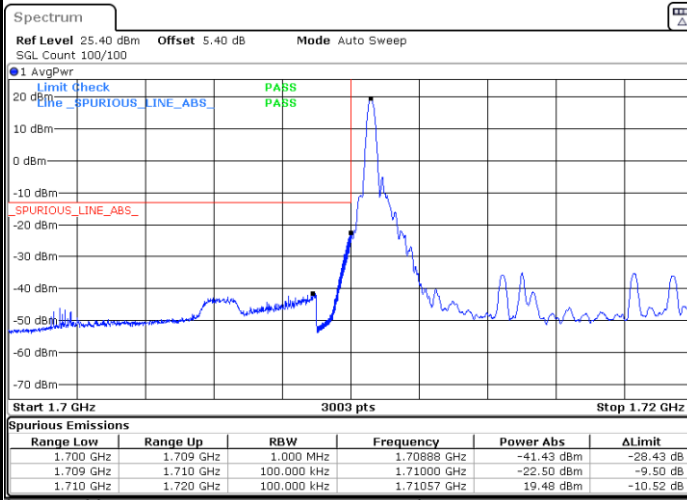


Date: 22 JUN 2023 01:17:04

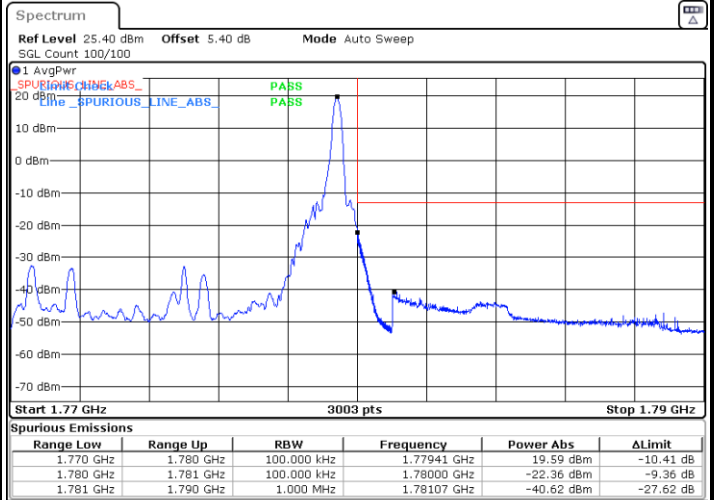


LTE Band 66 / 10MHz / 16QAM

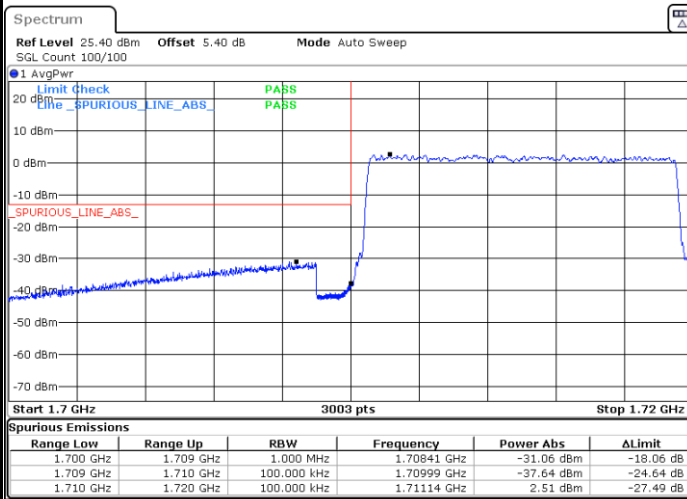
Lowest Band Edge / 1 RB



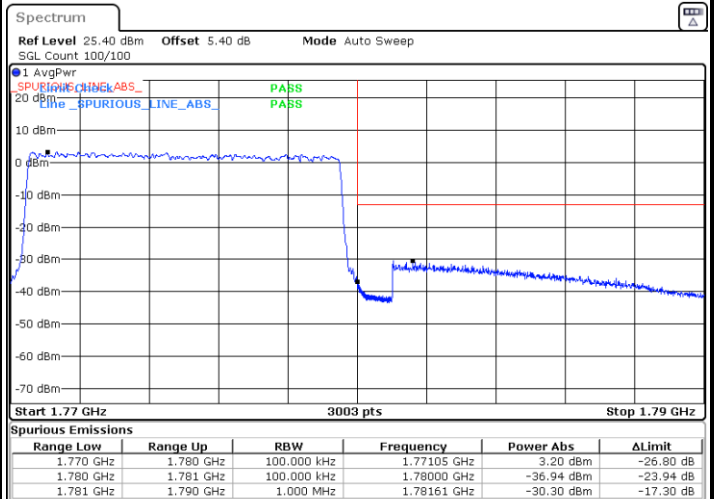
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



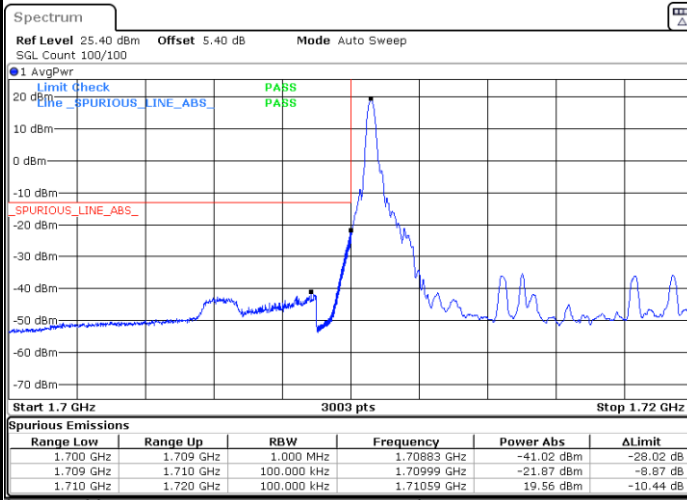
Highest Band Edge / Full RB





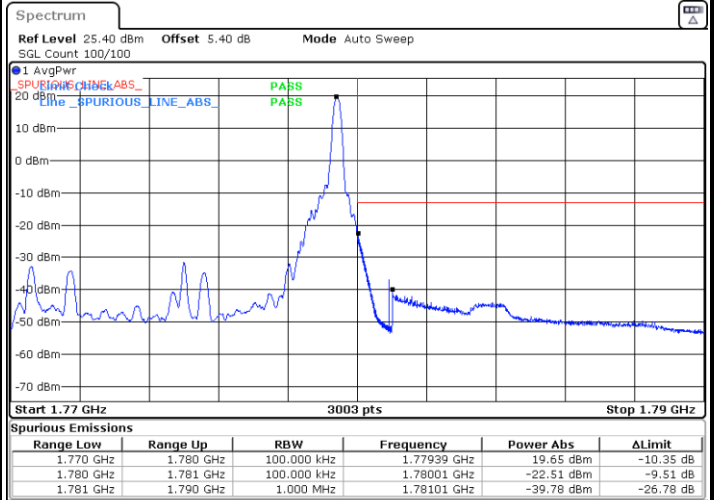
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



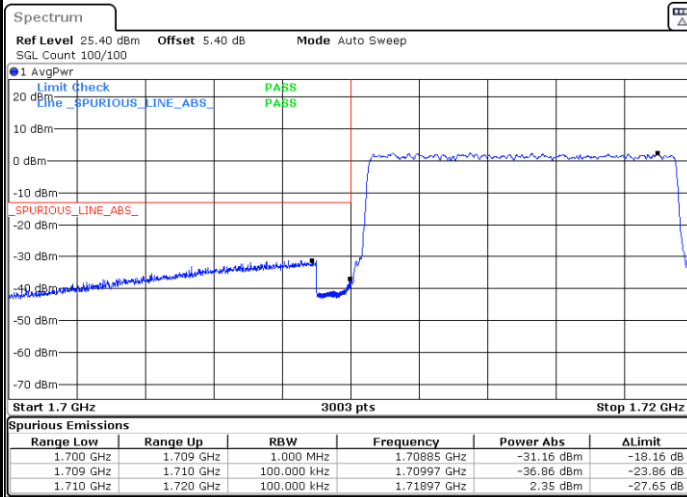
Date: 22 JUN 2023 01:05:38

Highest Band Edge / 1 RB



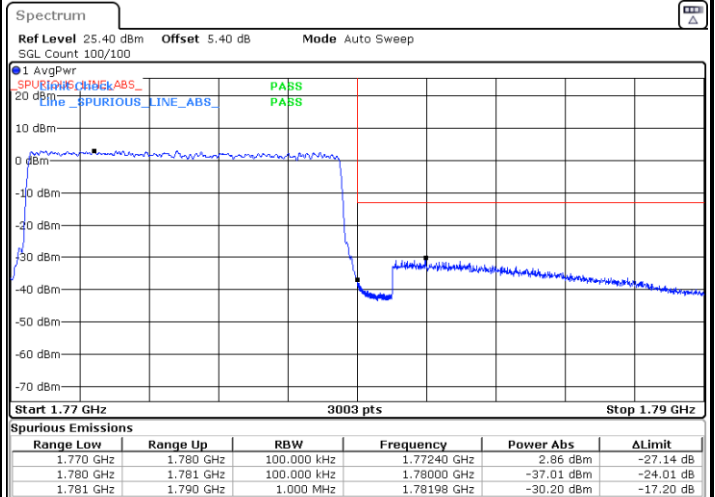
Date: 22 JUN 2023 01:14:35

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:06:28

Highest Band Edge / Full RB

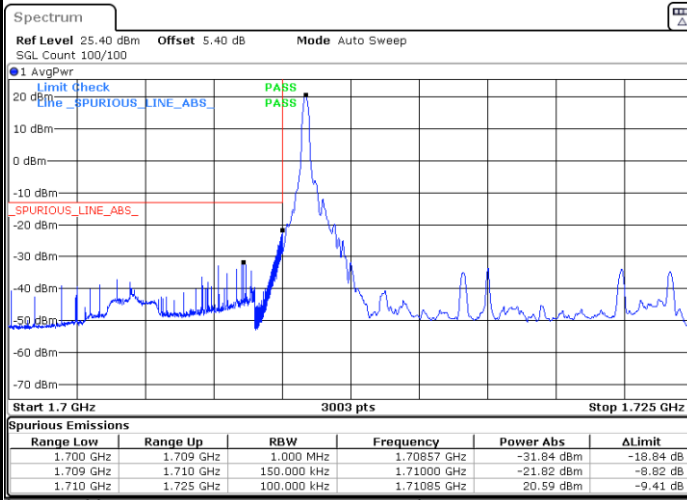


Date: 22 JUN 2023 01:15:25



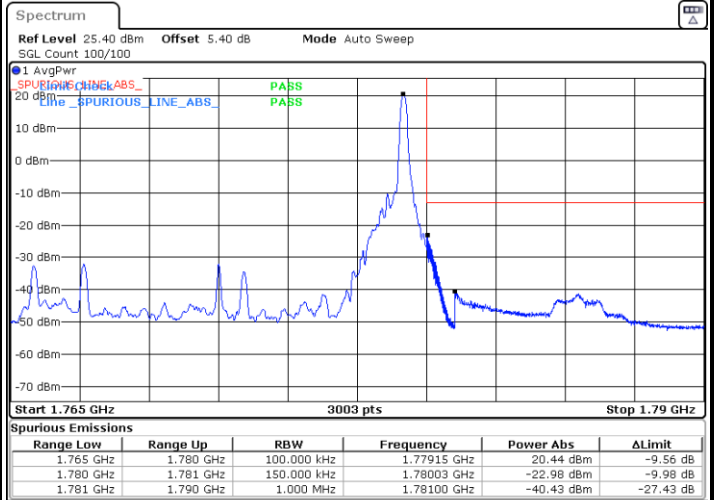
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



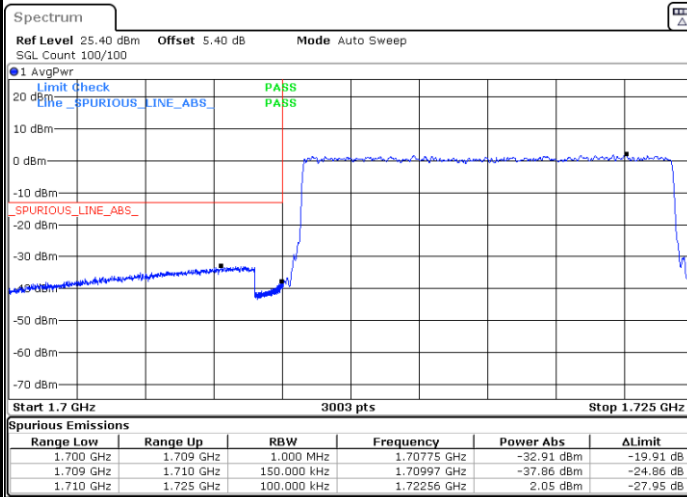
Date: 22 JUN 2023 01:19:54

Highest Band Edge / 1 RB



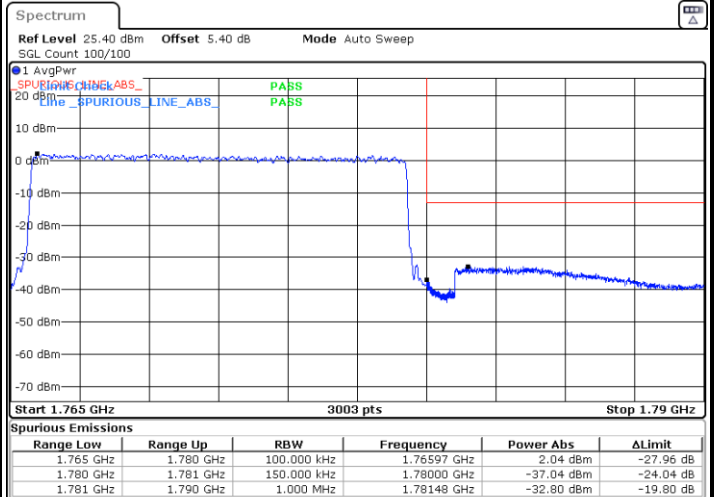
Date: 22 JUN 2023 01:28:52

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:24:02

Highest Band Edge / Full RB

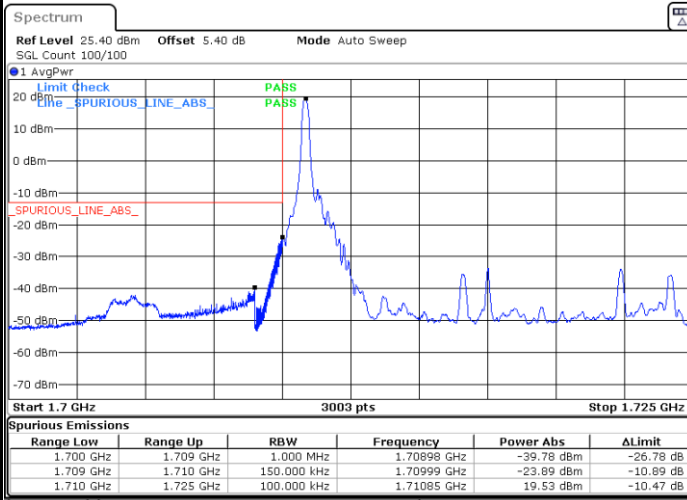


Date: 22 JUN 2023 01:33:00

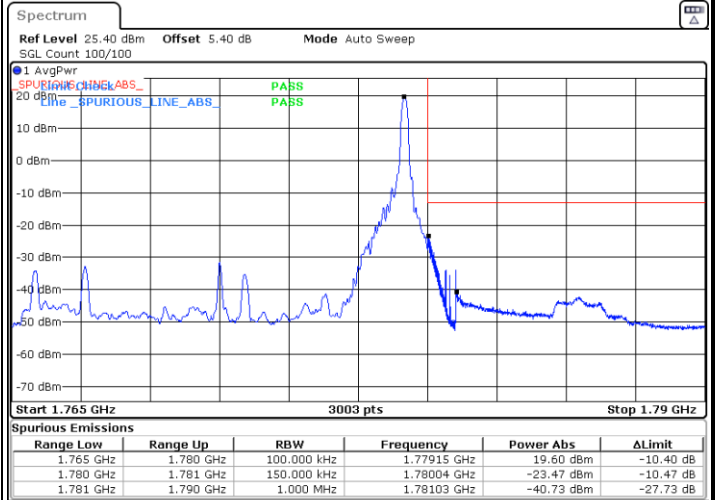


LTE Band 66 / 15MHz / 16QAM

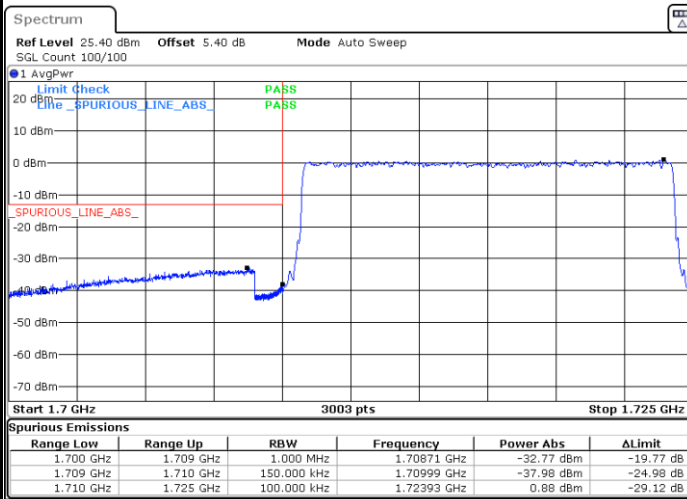
Lowest Band Edge / 1 RB



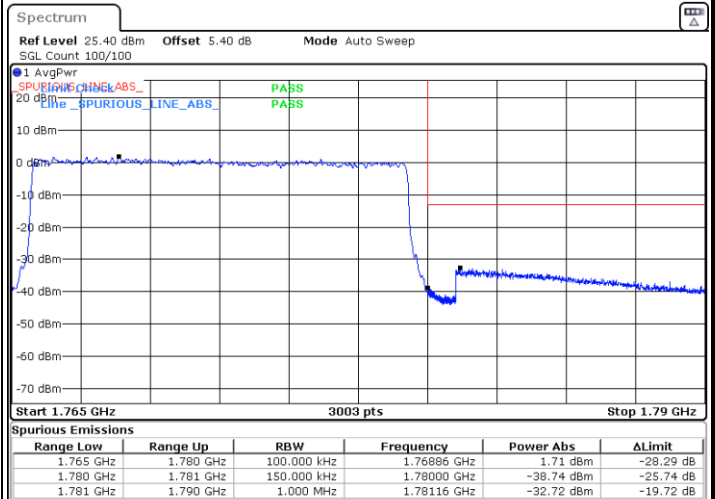
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



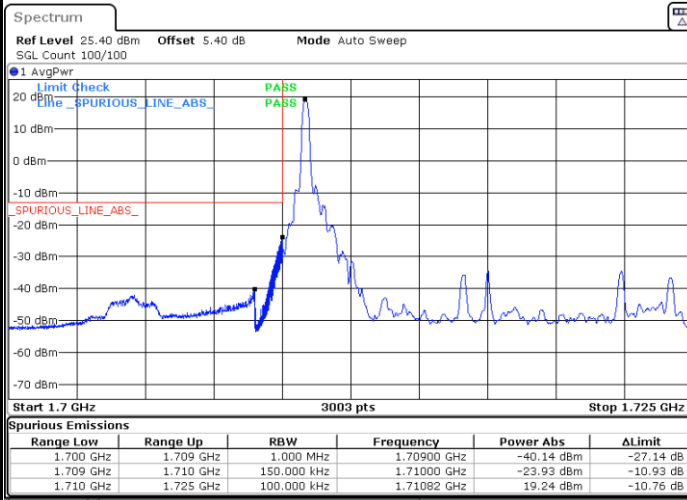
Highest Band Edge / Full RB





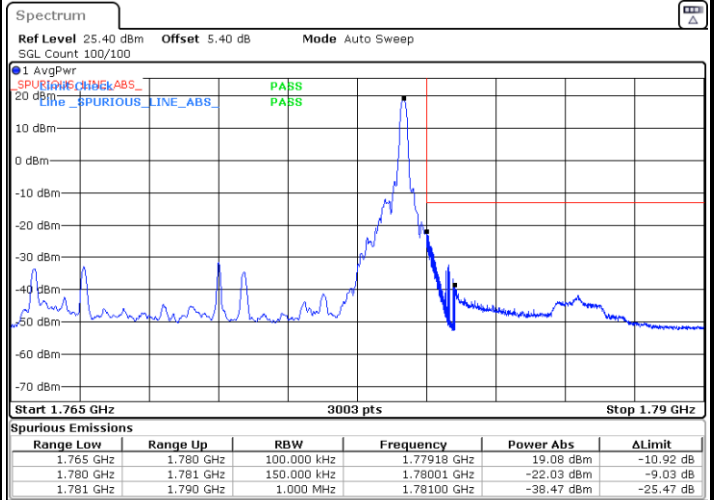
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



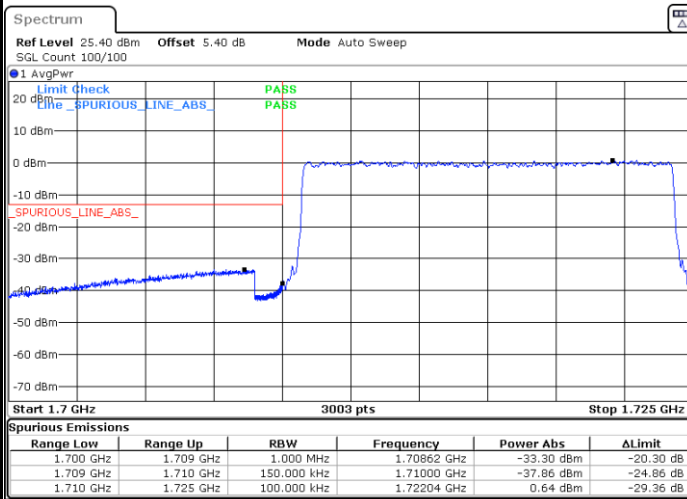
Date: 22 JUN 2023 01:21:33

Highest Band Edge / 1 RB



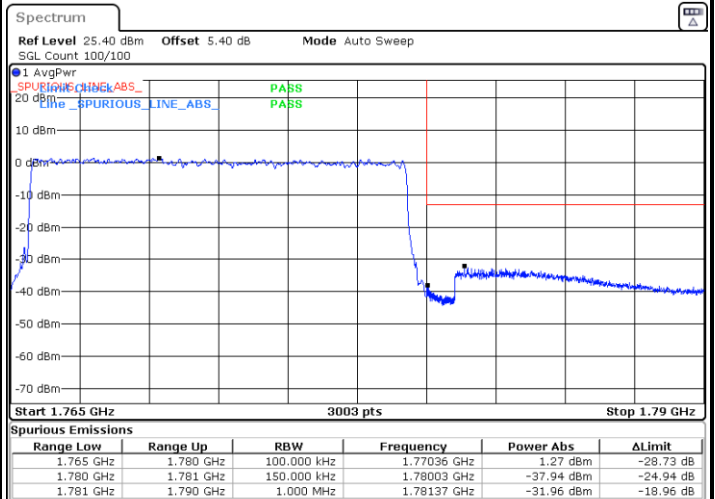
Date: 22 JUN 2023 01:30:31

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:22:23

Highest Band Edge / Full RB

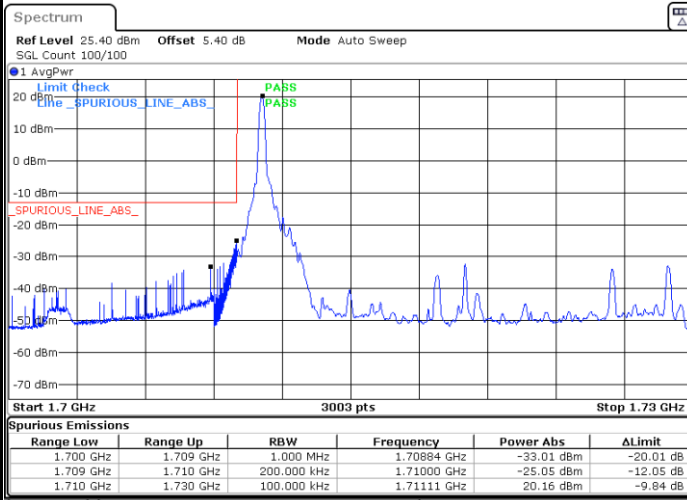


Date: 22 JUN 2023 01:31:21



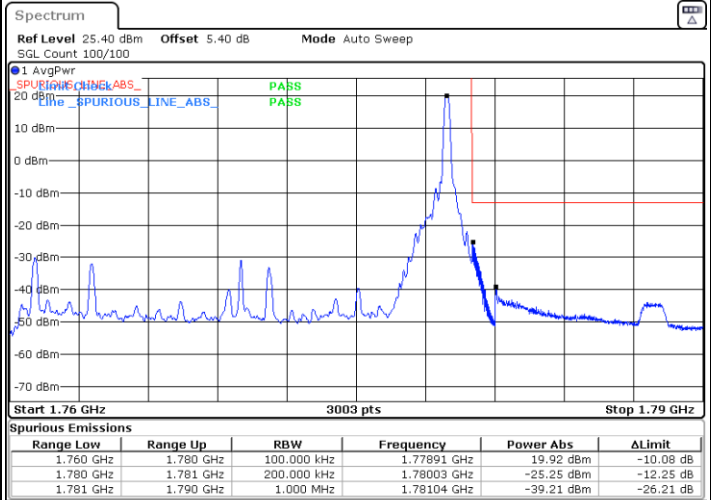
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1 RB



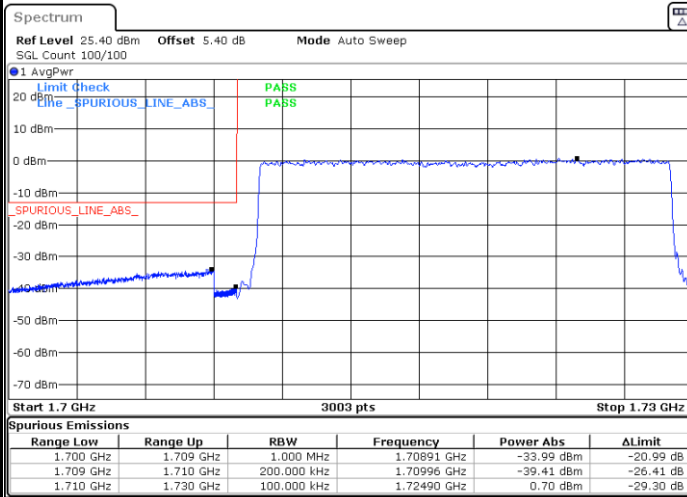
Date: 22 JUN. 2023 01:35:50

Highest Band Edge / 1 RB



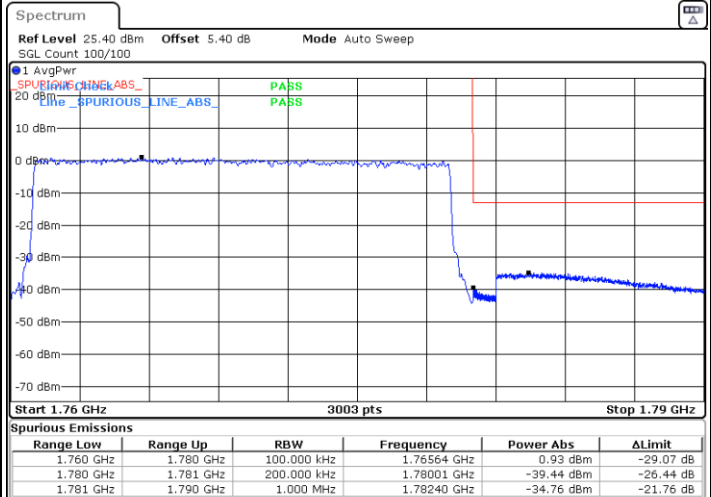
Date: 22 JUN. 2023 01:44:48

Lowest Band Edge / Full RB



Date: 22 JUN. 2023 01:39:58

Highest Band Edge / Full RB

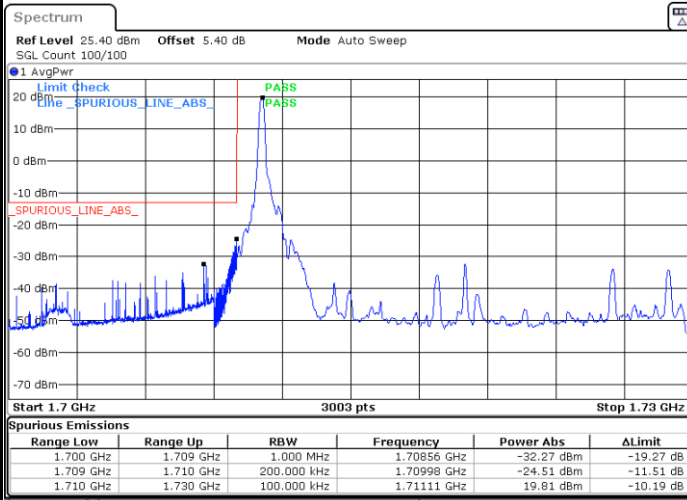


Date: 22 JUN. 2023 01:48:57



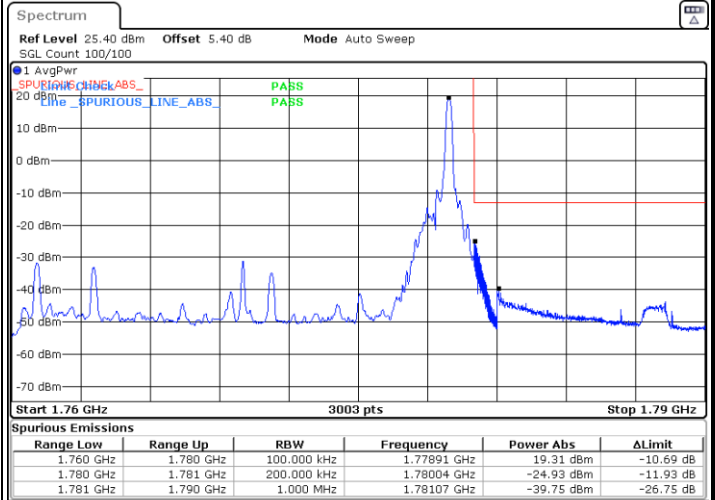
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



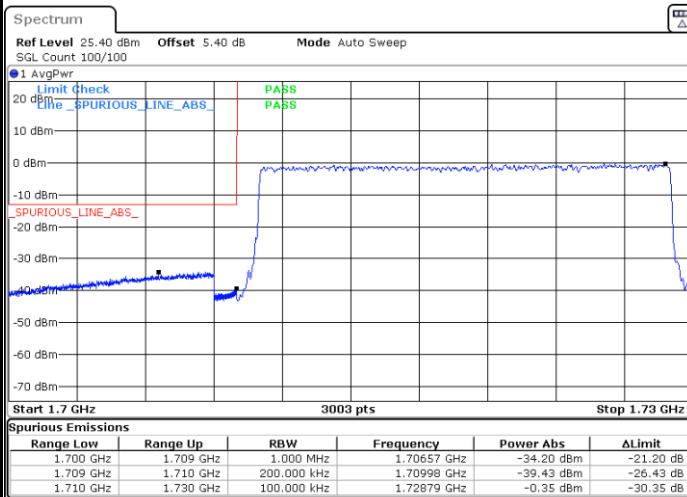
Date: 22 JUN 2023 01:36:40

Highest Band Edge / 1 RB



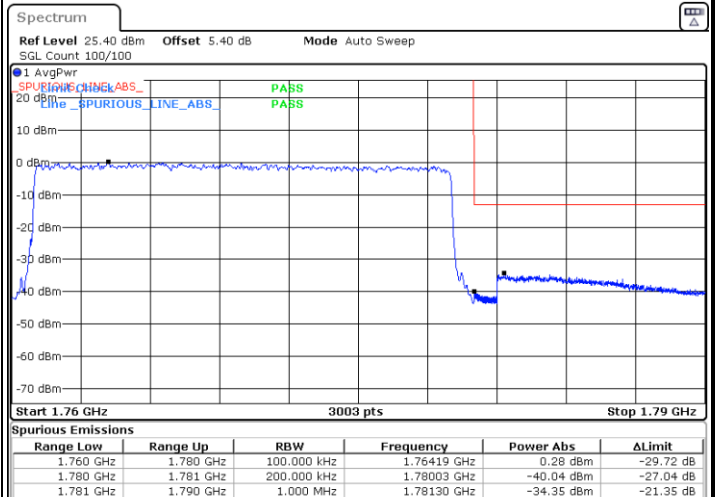
Date: 22 JUN 2023 01:45:38

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:39:09

Highest Band Edge / Full RB



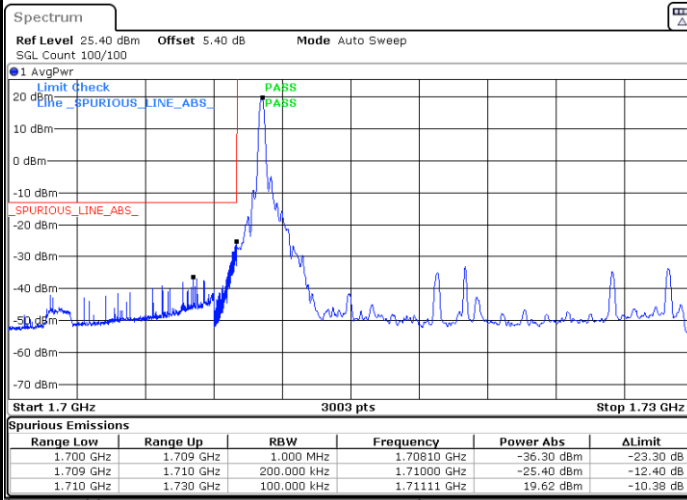
Date: 22 JUN 2023 01:48:06





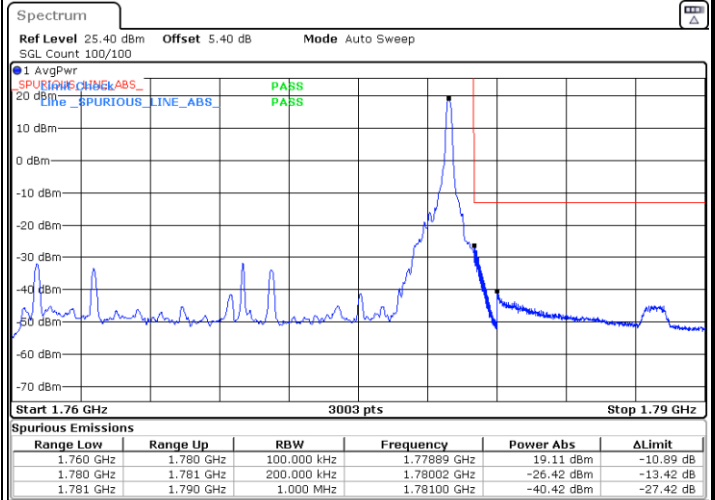
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



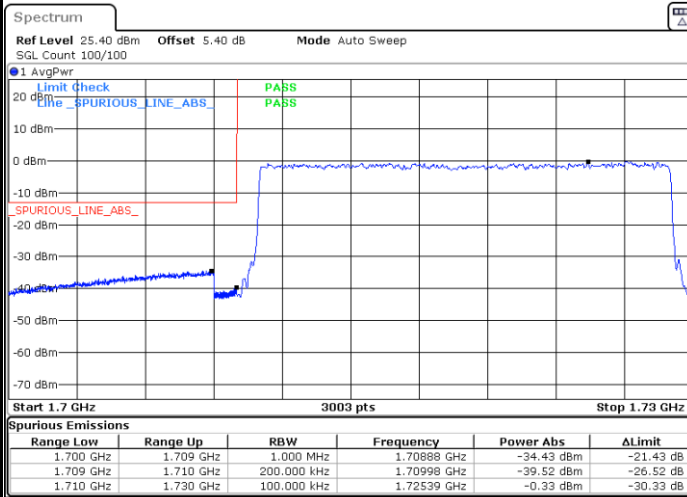
Date: 22 JUN 2023 01:37:29

Highest Band Edge / 1 RB



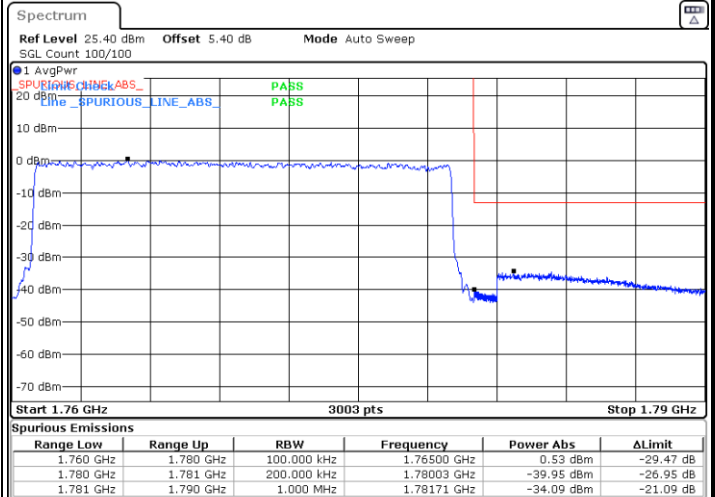
Date: 22 JUN 2023 01:46:27

Lowest Band Edge / Full RB



Date: 22 JUN 2023 01:38:19

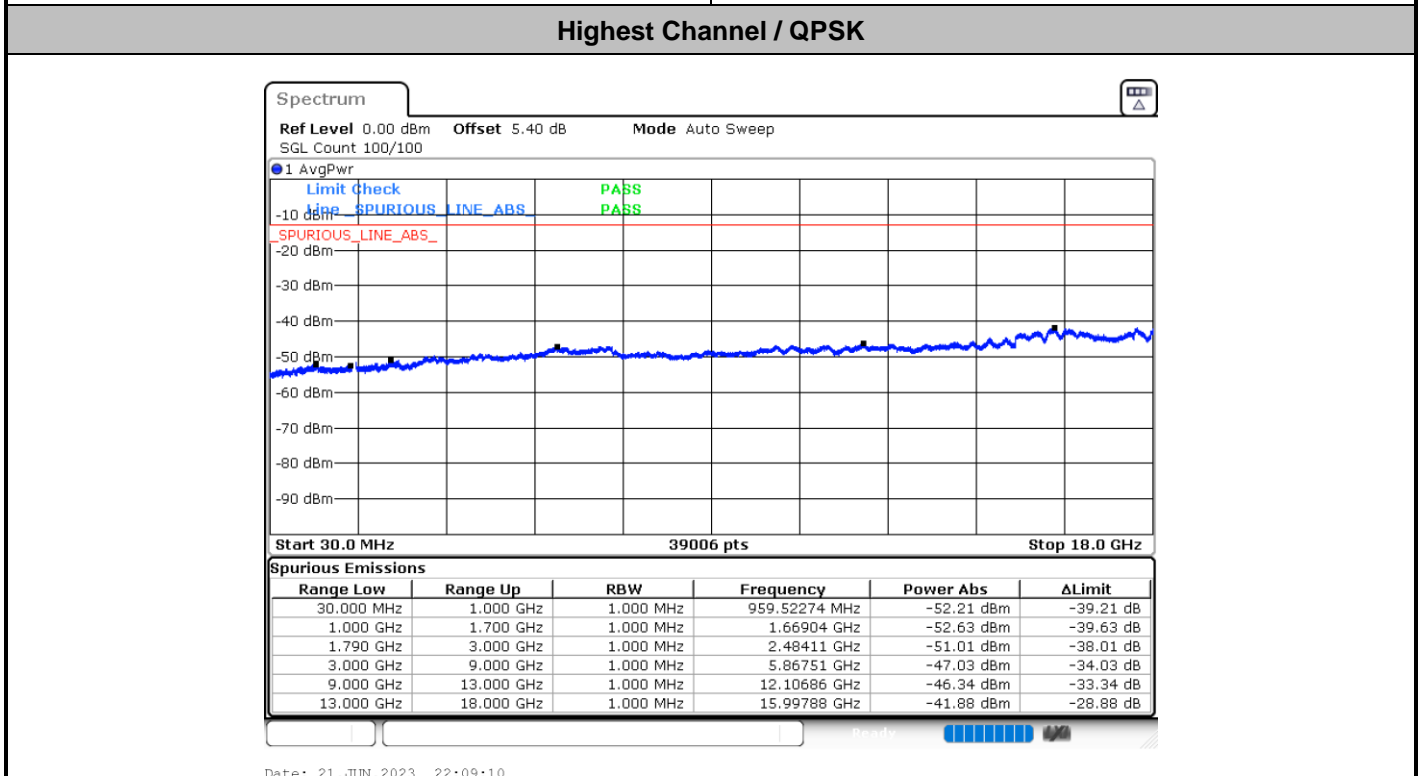
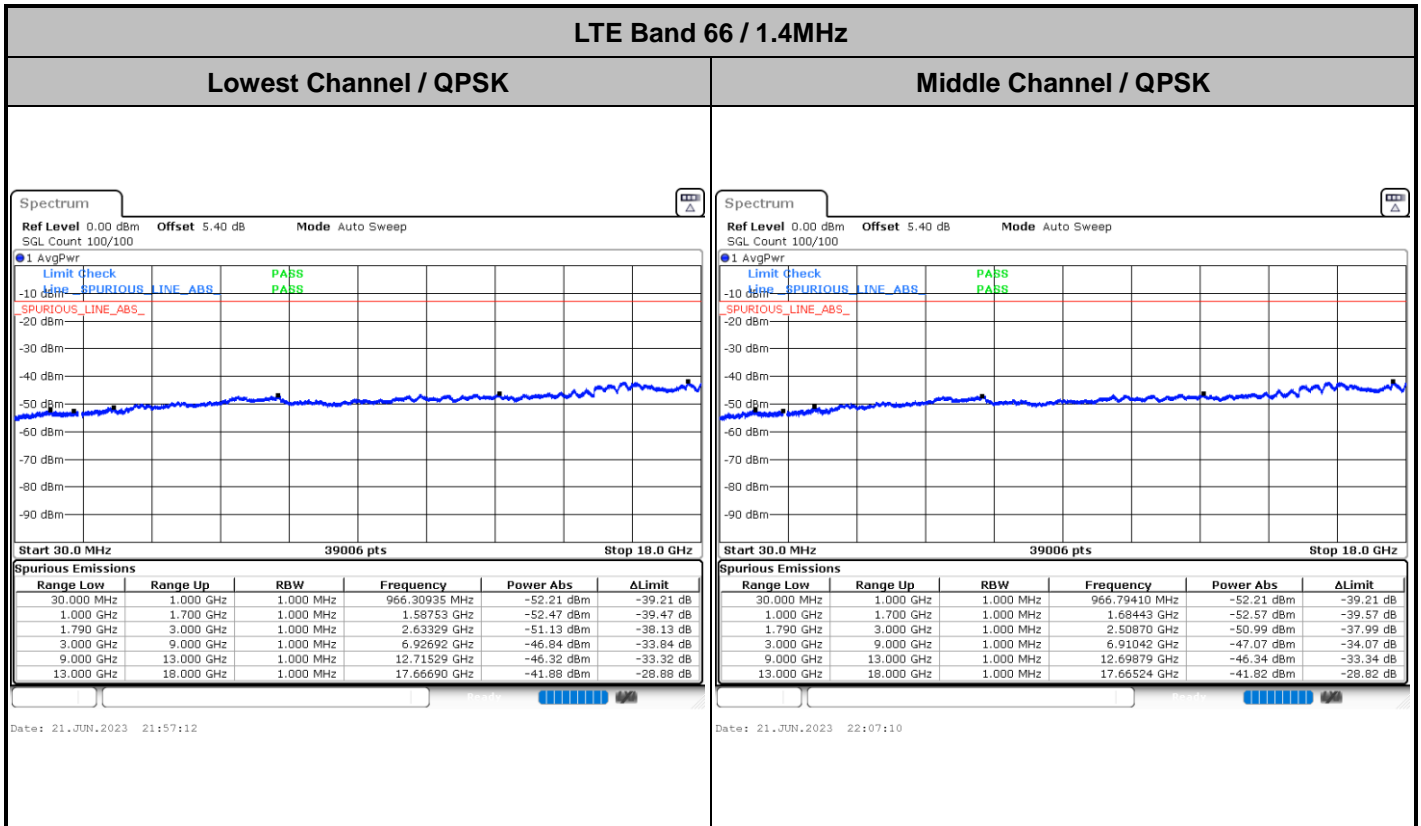
Highest Band Edge / Full RB



Date: 22 JUN 2023 01:47:17



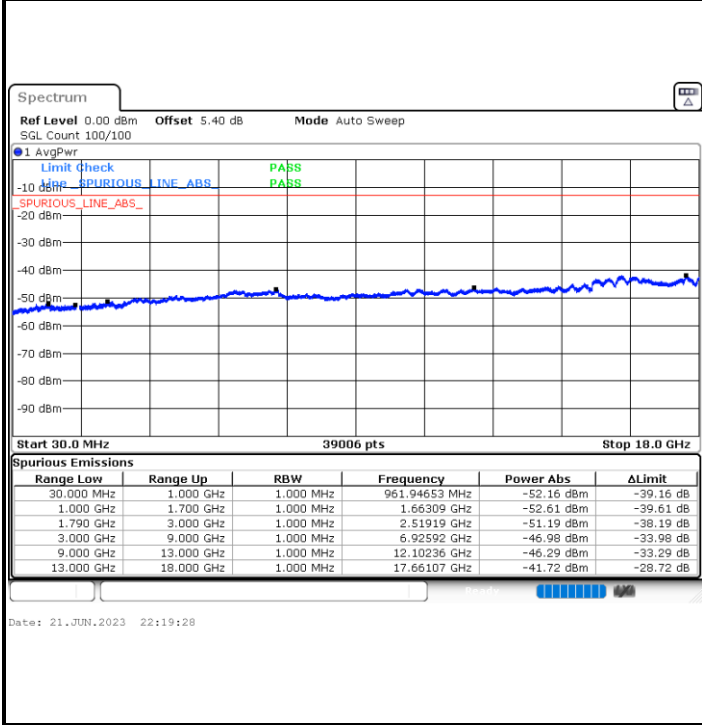
# Conducted Spurious Emission



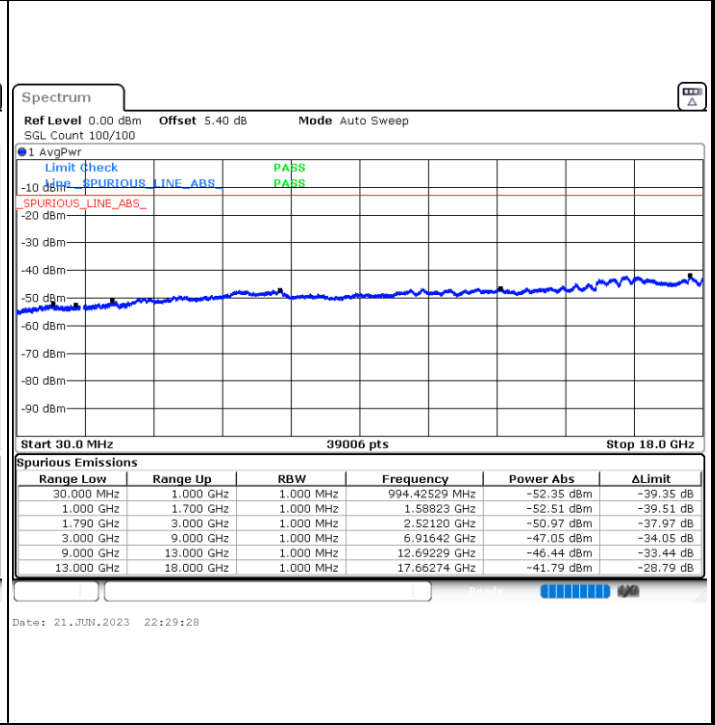


**LTE Band 66 / 3MHz**

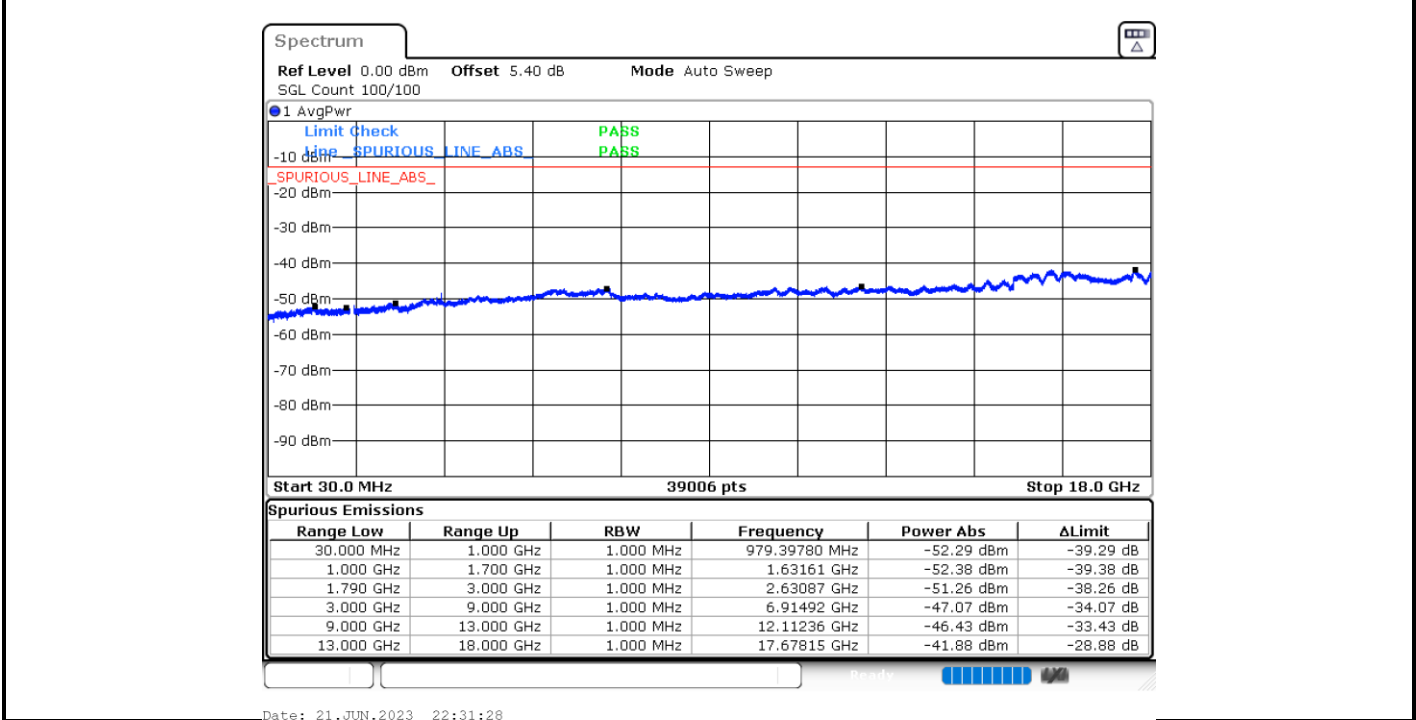
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



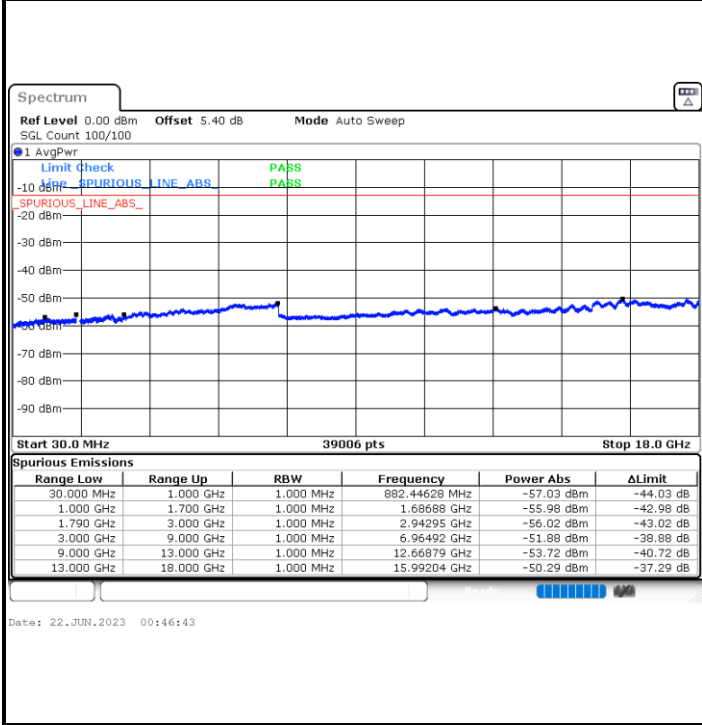
**Highest Channel / QPSK**



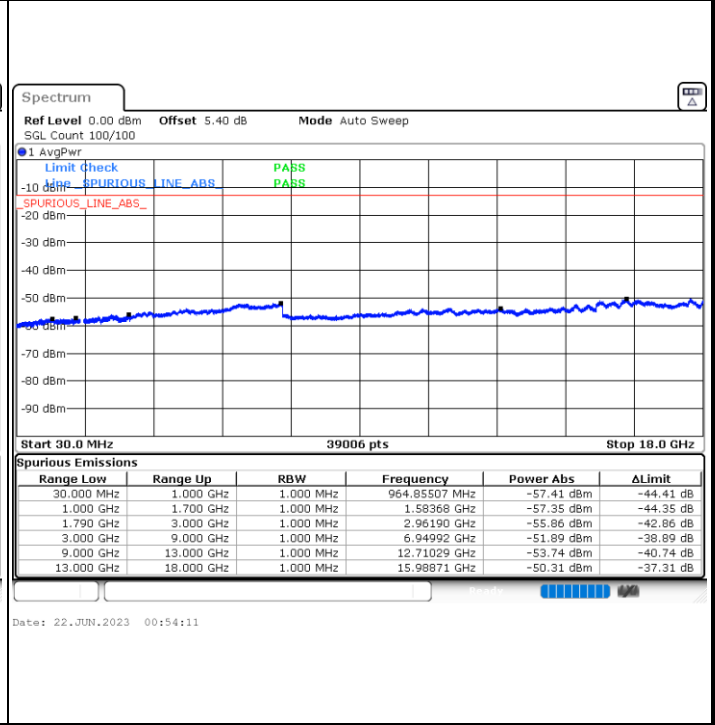


**LTE Band 66 / 5MHz**

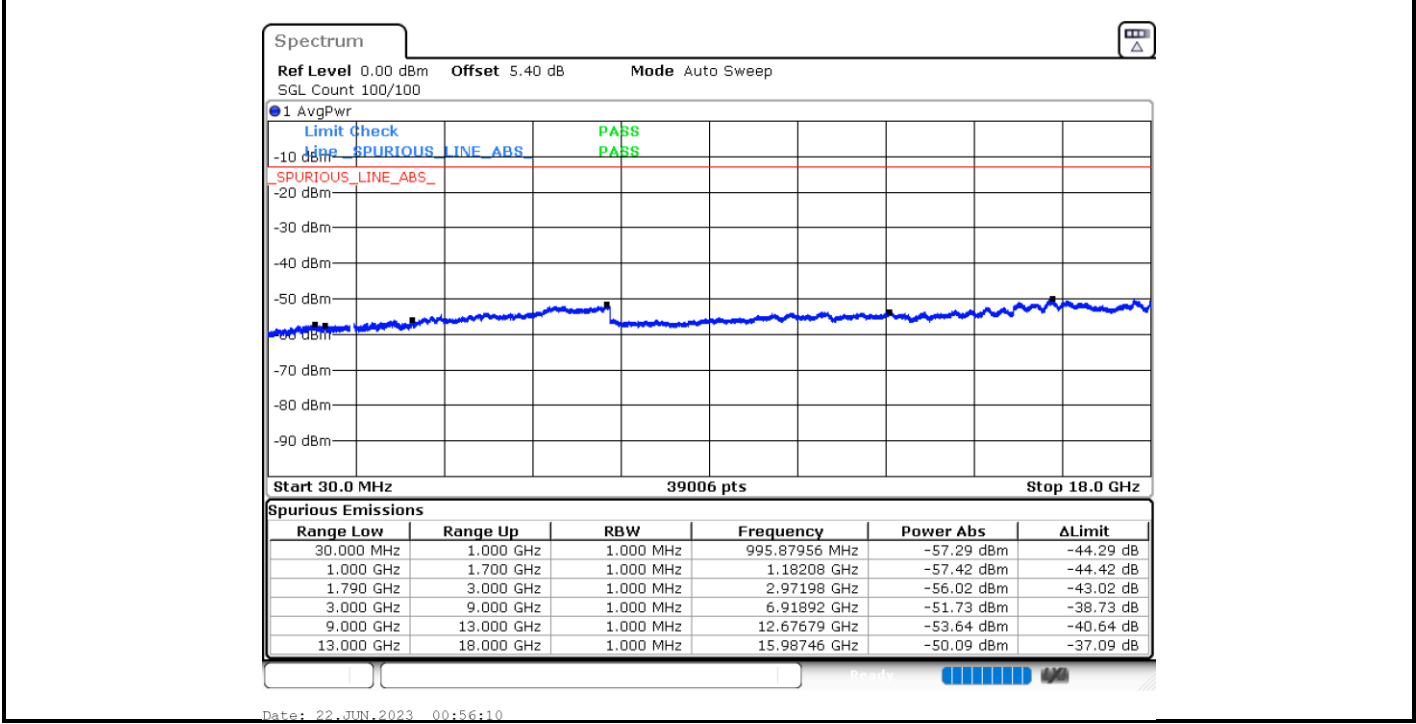
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**

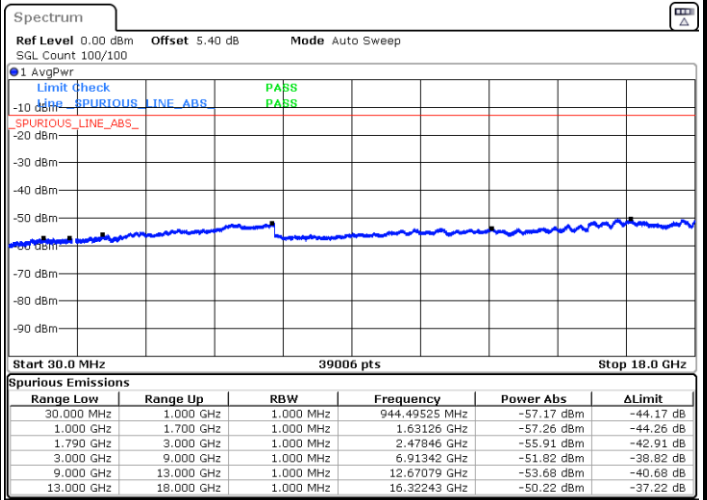
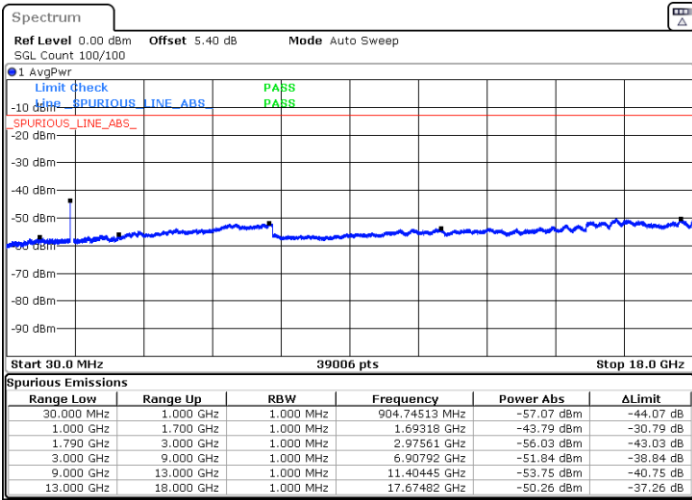




LTE Band 66 / 10MHz

Lowest Channel / QPSK

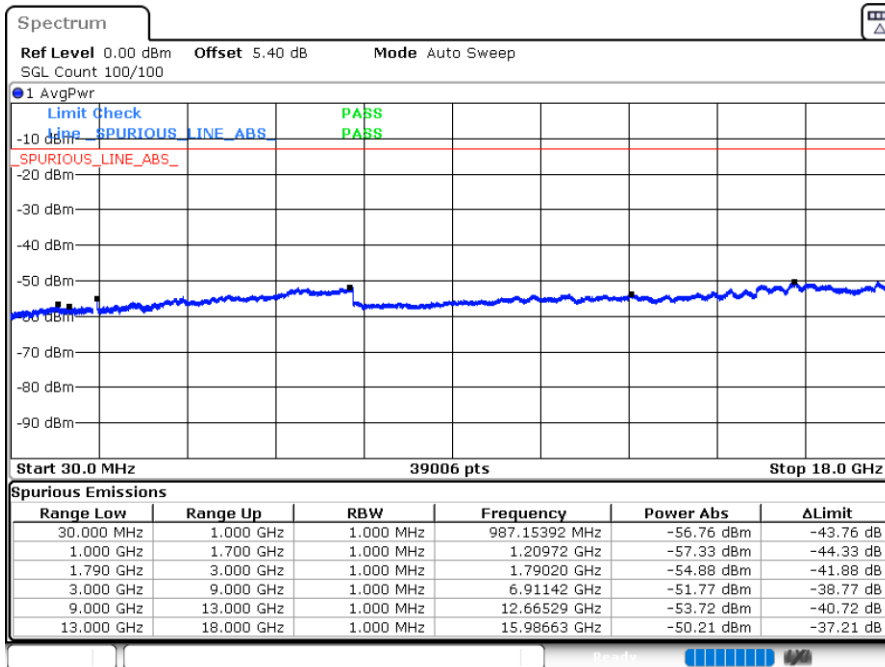
Middle Channel / QPSK



Date: 22 JUN 2023 01:03:09

Date: 22 JUN 2023 01:10:06

Highest Channel / QPSK



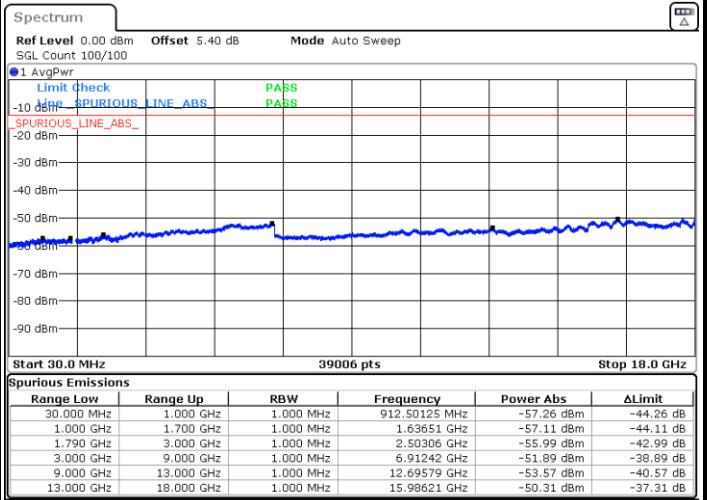
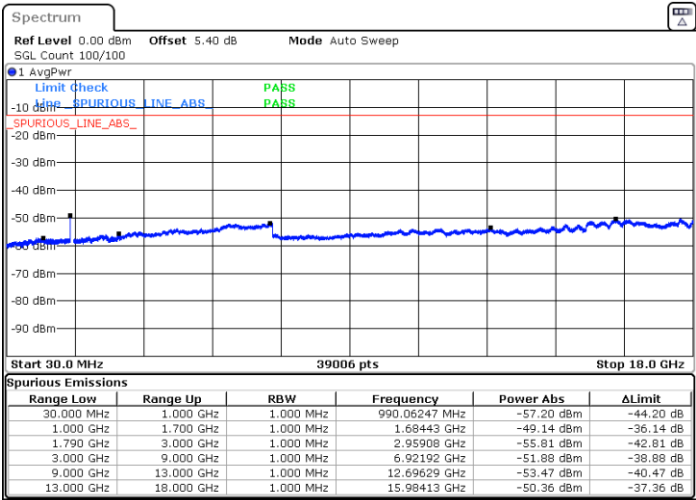
Date: 22 JUN 2023 01:12:06



LTE Band 66 / 15MHz

Lowest Channel / QPSK

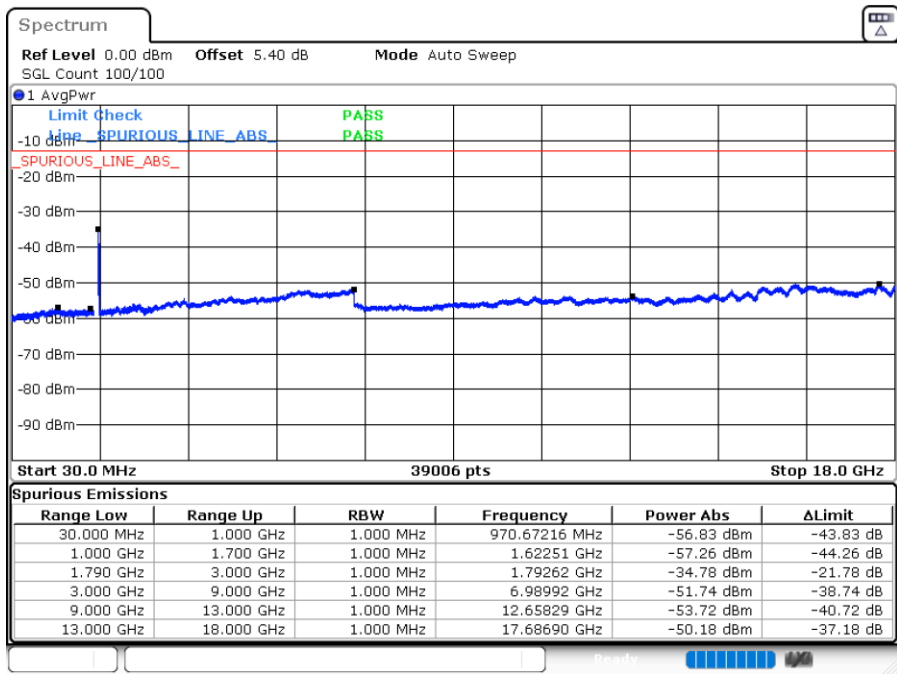
Middle Channel / QPSK



Date: 22 JUN 2023 01:19:04

Date: 22 JUN 2023 01:26:02

Highest Channel / QPSK

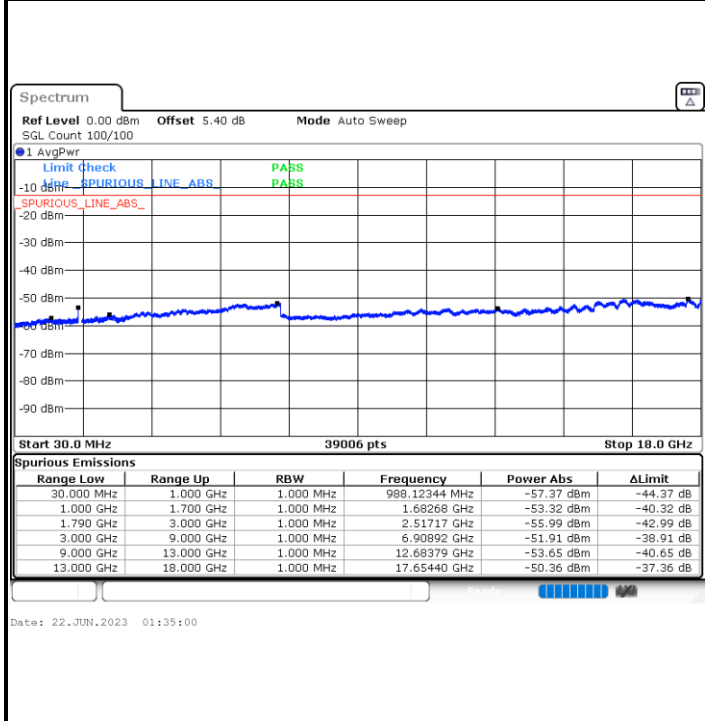


Date: 22 JUN 2023 01:28:02

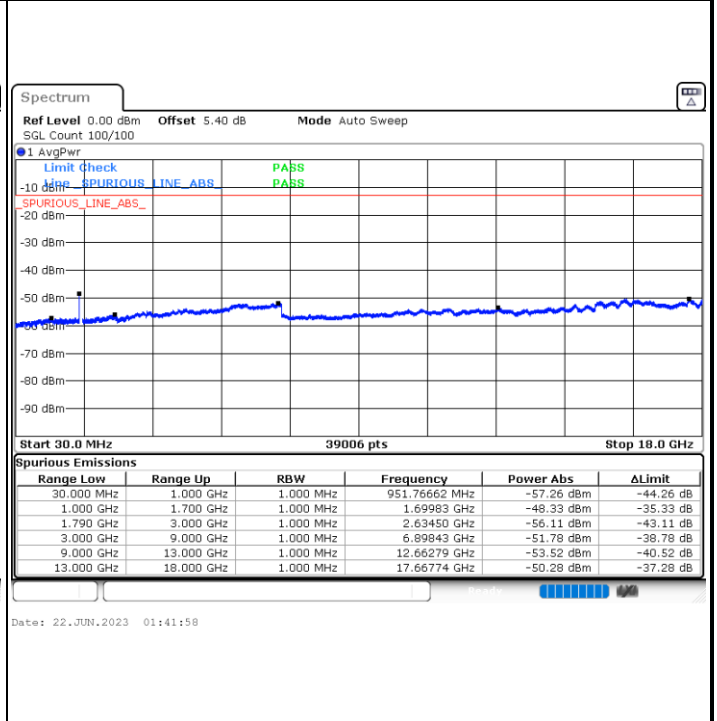


**LTE Band 66 / 20MHz**

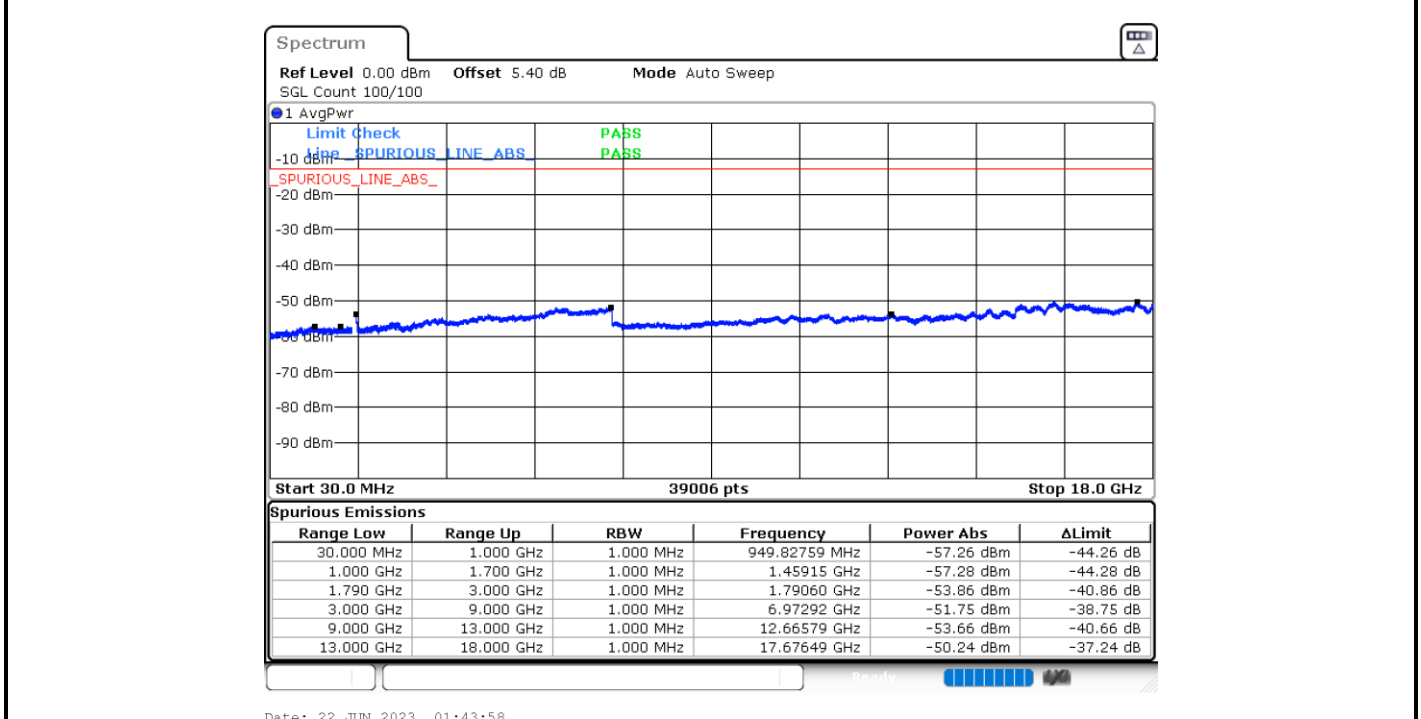
**Lowest Channel / QPSK**



**Middle Channel / QPSK**



**Highest Channel / QPSK**





Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0022	PASS
40	Normal Voltage	0.0019	
30	Normal Voltage	0.0045	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0016	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0006	
20	Maximum Voltage	0.0027	
20	Normal Voltage	0.0042	
20	Battery End Point	0.0033	

Note:

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

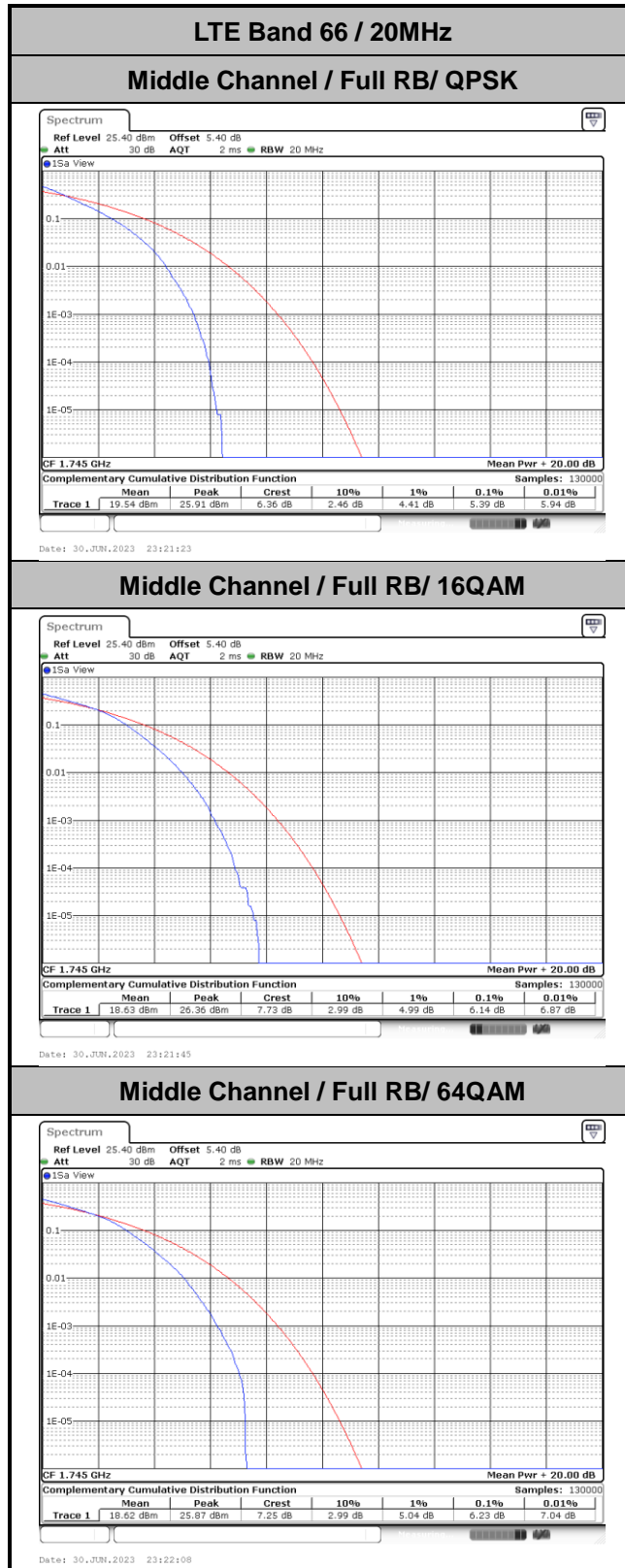




## LTE Band 66\_Other PA

### 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	5.39	6.14	6.23	<b>PASS</b>





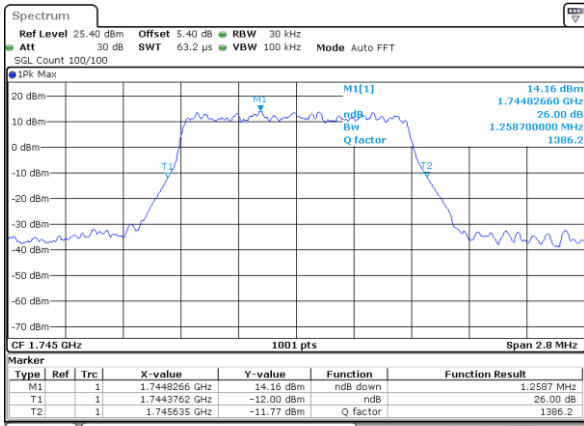
26dB Bandwidth

Mode	LTE Band 66 : 26dB BW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.26	1.29
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.97	3.00
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.93	4.88
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.83	9.91
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.33	14.24
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.90	18.94



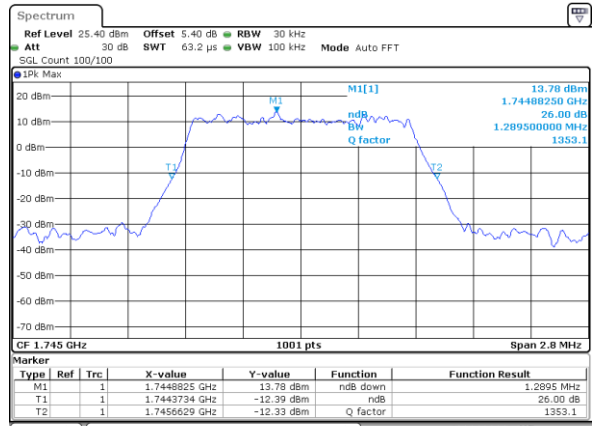
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 30 JUN 2023 23:49:06

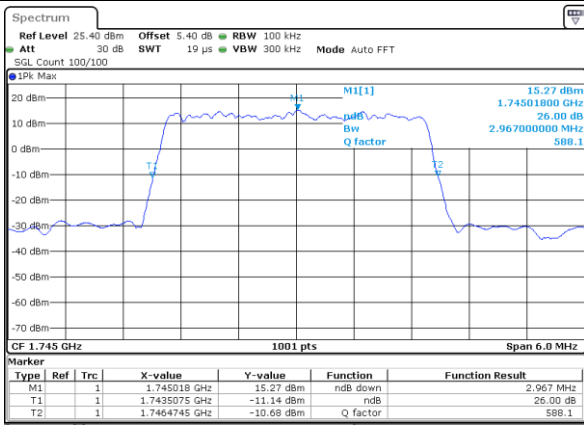
Middle Channel / 1.4MHz / 16QAM



Date: 30 JUN 2023 23:49:28

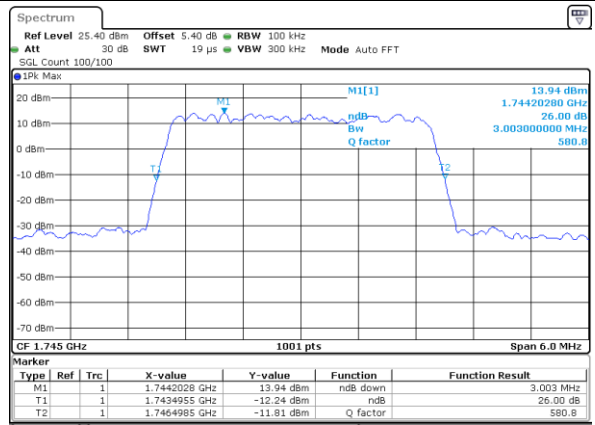
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 30 JUN 2023 23:50:53

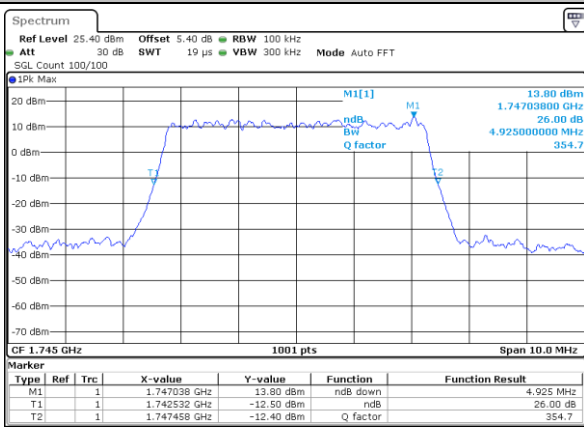
Middle Channel / 3MHz / 16QAM



Date: 30 JUN 2023 23:50:32

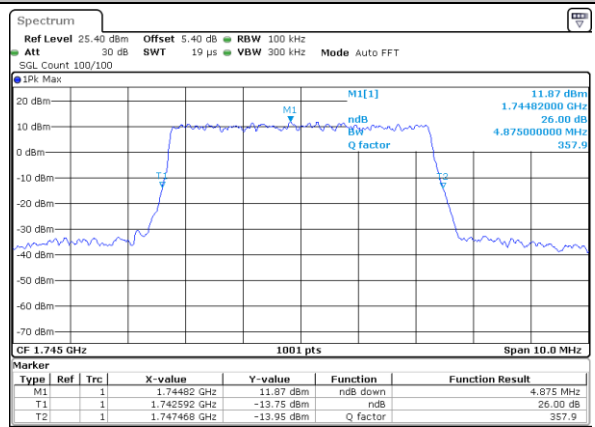
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 30 JUN 2023 23:51:58

Middle Channel / 5MHz / 16QAM

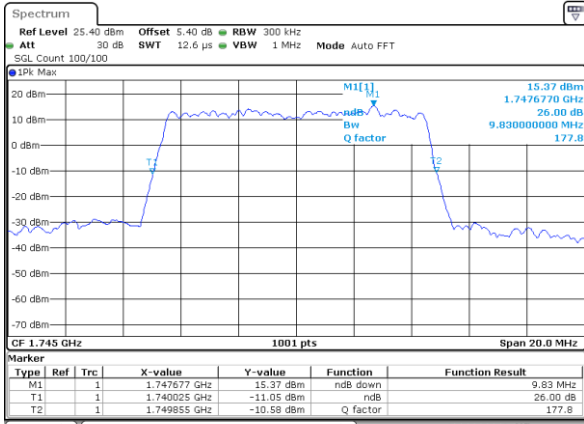


Date: 30 JUN 2023 23:52:20



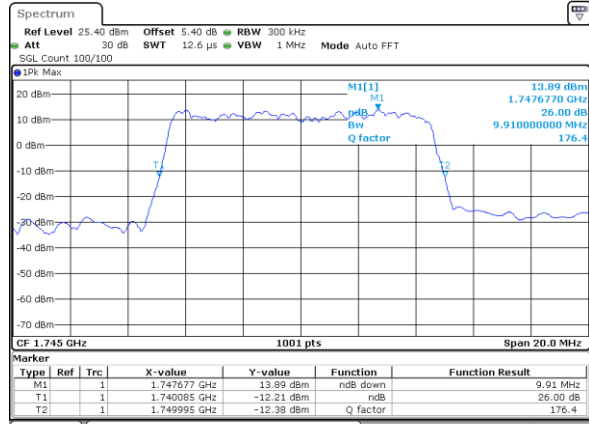
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 30 JUN 2023 23:53:45

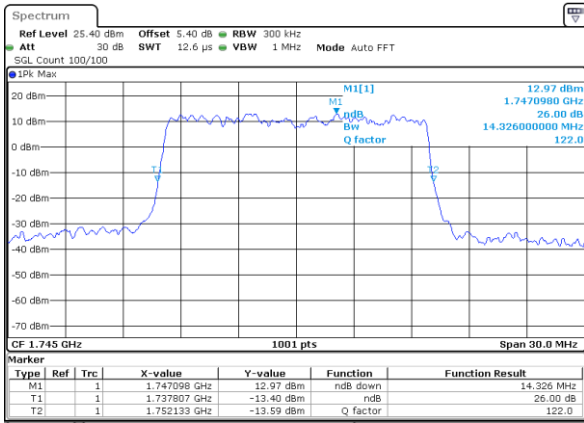
Middle Channel / 10MHz / 16QAM



Date: 30 JUN 2023 23:53:24

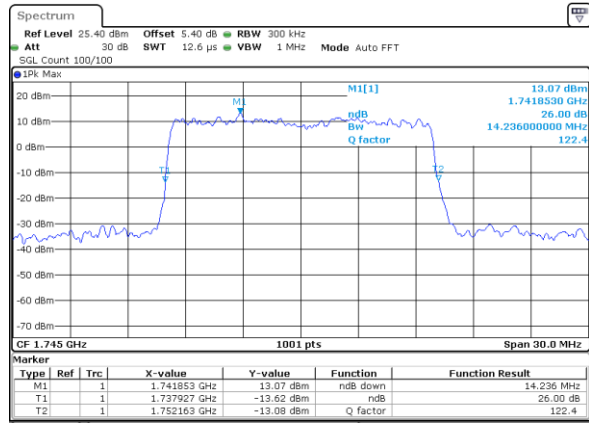
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 30 JUN 2023 23:54:50

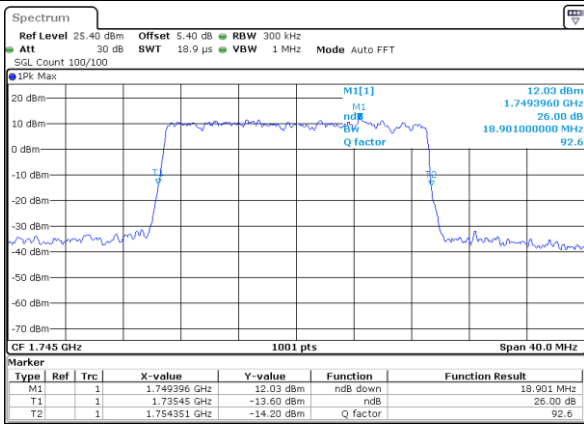
Middle Channel / 15MHz / 16QAM



Date: 30 JUN 2023 23:55:11

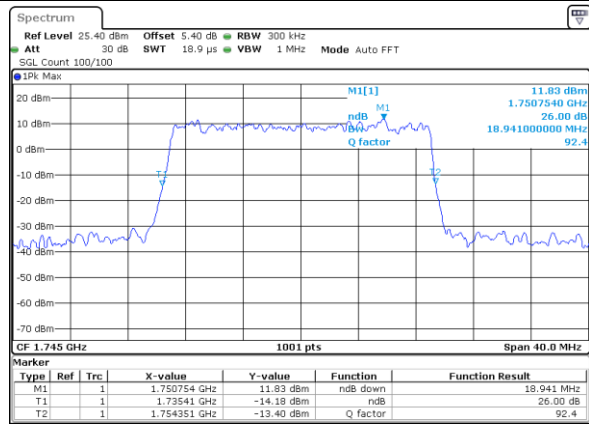
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 30 JUN 2023 23:20:39

Middle Channel / 20MHz / 16QAM



Date: 30 JUN 2023 23:21:00



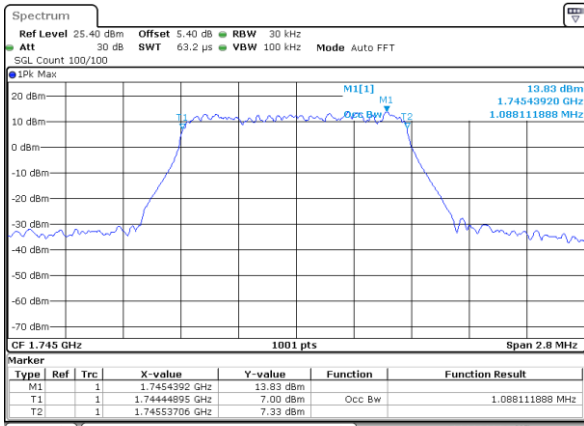
### Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.09	1.10
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.72	2.70
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.09	9.07
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.43	13.43
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.86	17.94



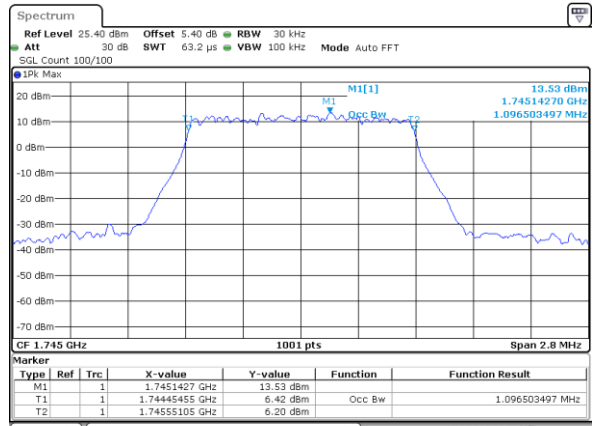
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 30 JUN 2023 23:48:45

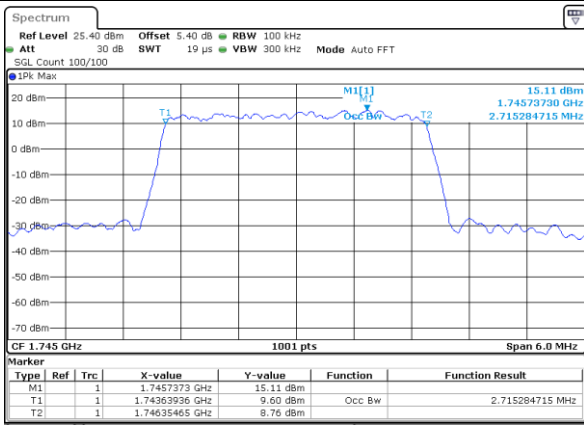
Middle Channel / 1.4MHz / 16QAM



Date: 30 JUN 2023 23:49:49

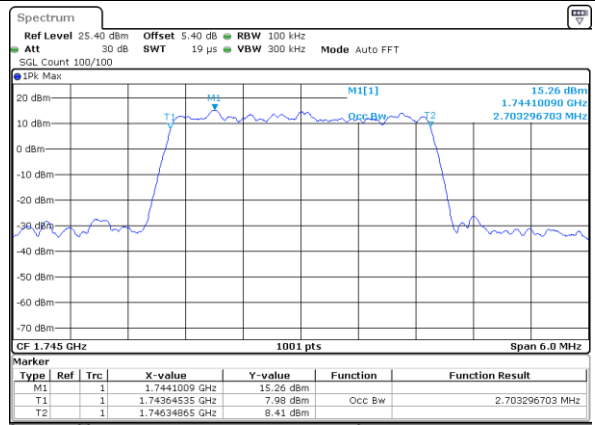
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 30 JUN 2023 23:51:15

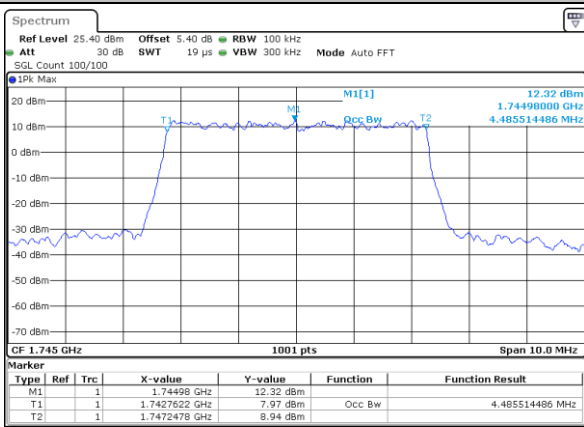
Middle Channel / 3MHz / 16QAM



Date: 30 JUN 2023 23:50:11

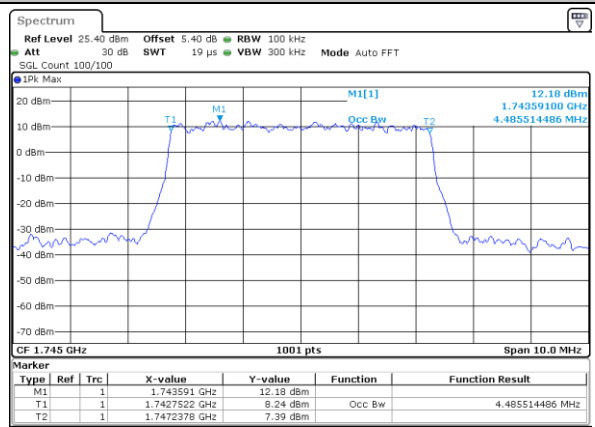
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 30 JUN 2023 23:51:37

Middle Channel / 5MHz / 16QAM

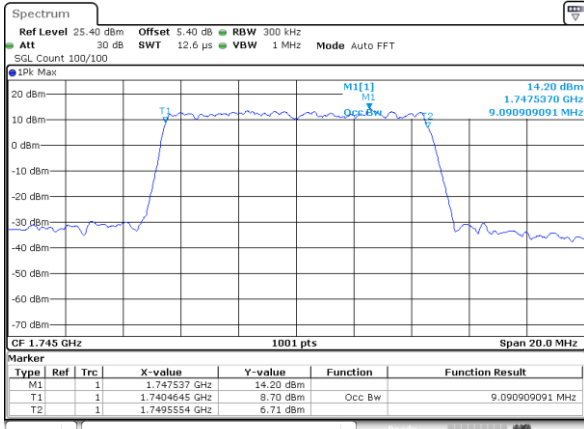


Date: 30 JUN 2023 23:52:41



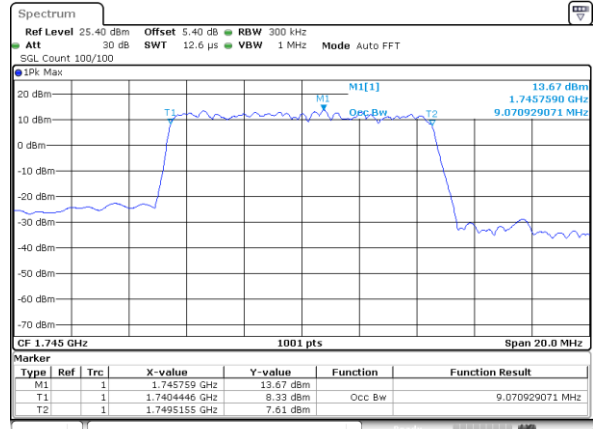
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 30 JUN 2023 23:54:07

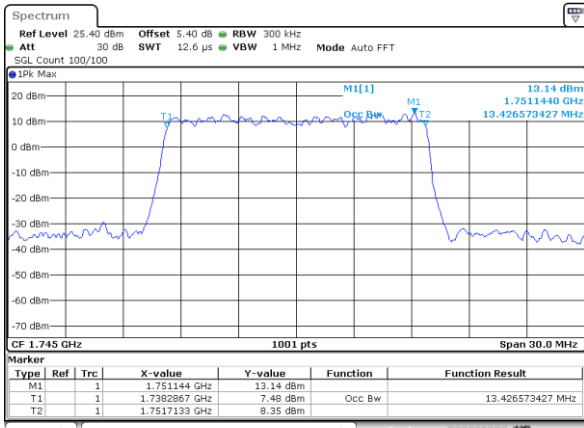
Middle Channel / 10MHz / 16QAM



Date: 30 JUN 2023 23:53:03

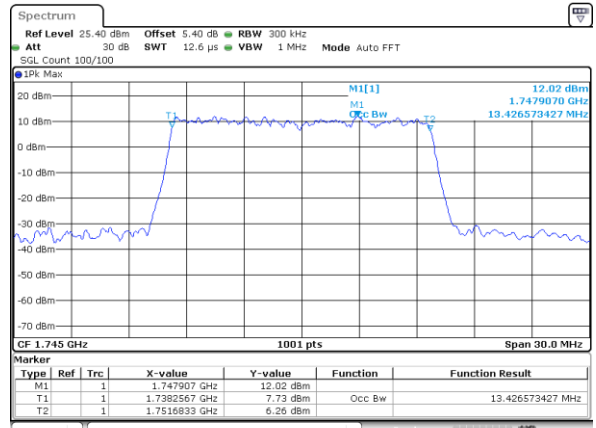
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 30 JUN 2023 23:54:29

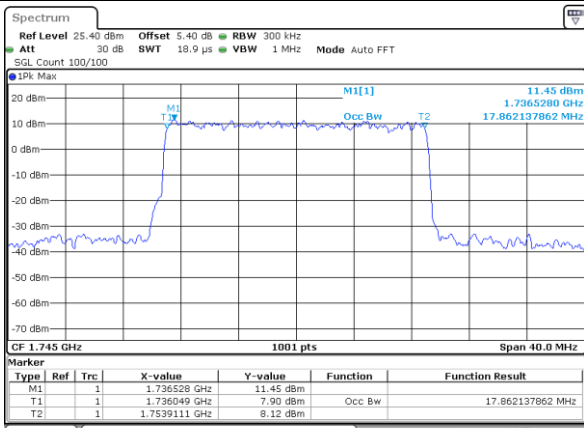
Middle Channel / 15MHz / 16QAM



Date: 30 JUN 2023 23:53:33

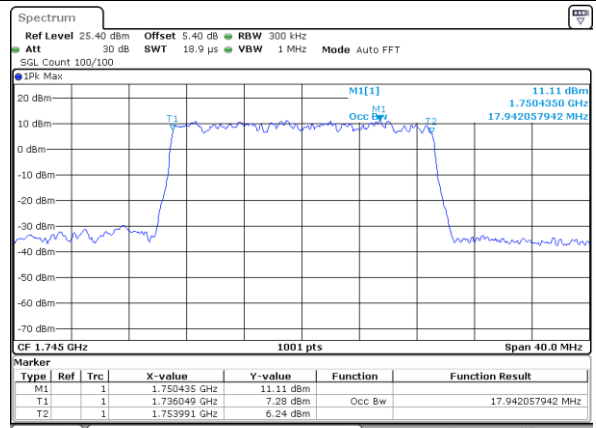
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 30 JUN 2023 23:19:56

Middle Channel / 20MHz / 16QAM

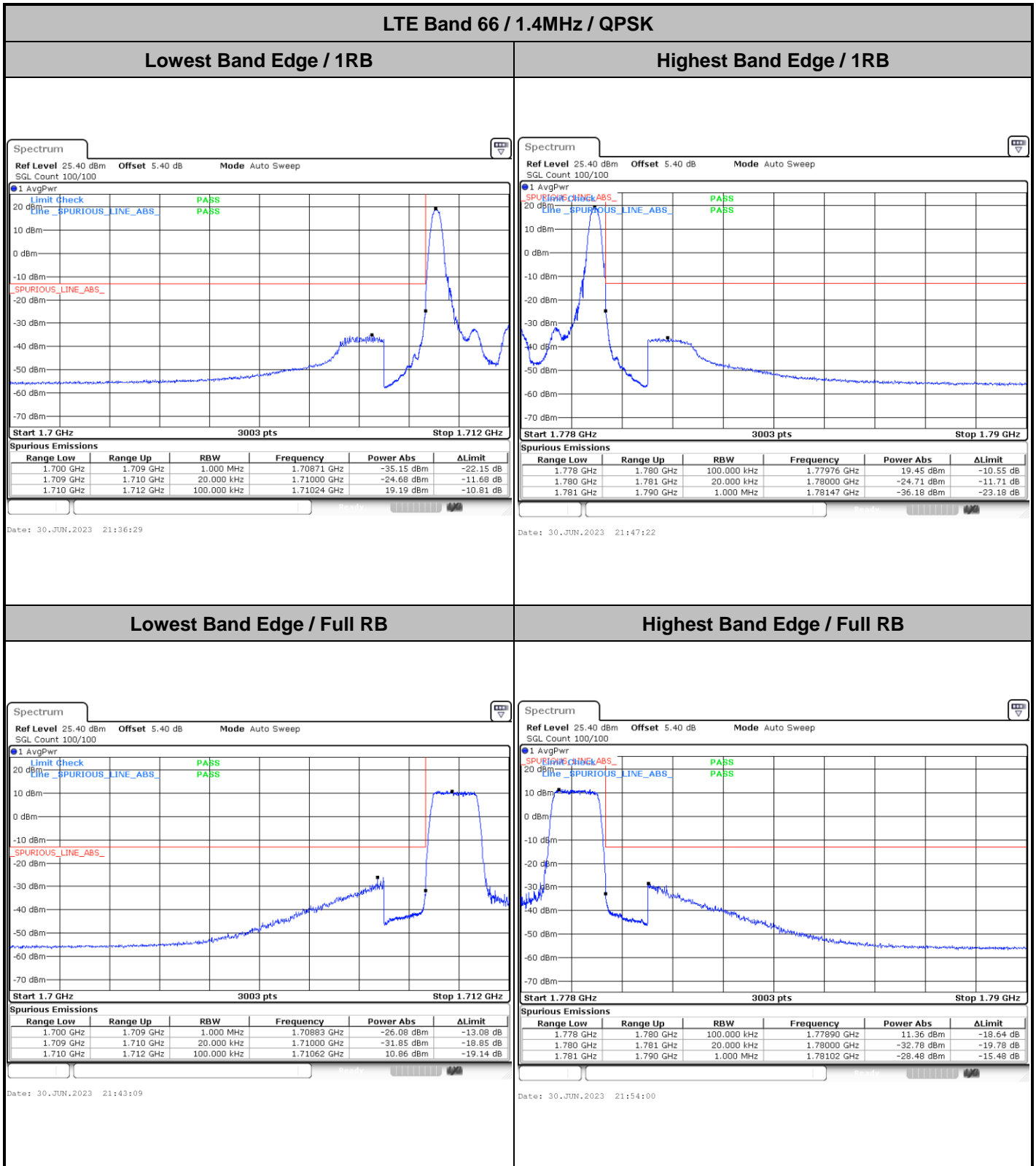


Date: 30 JUN 2023 23:20:17





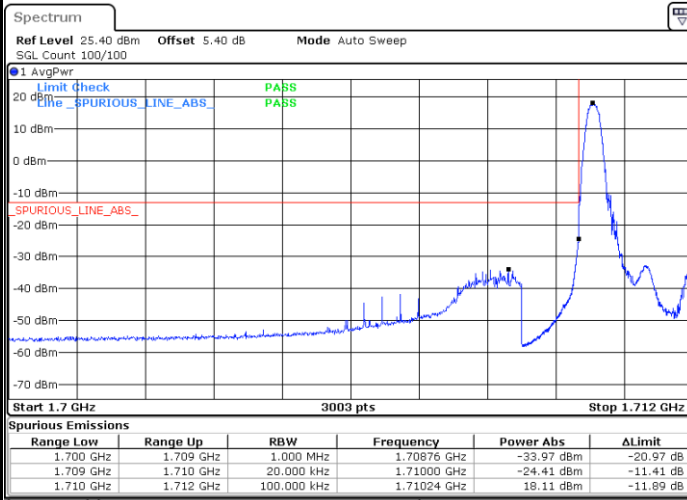
# Conducted Band Edge





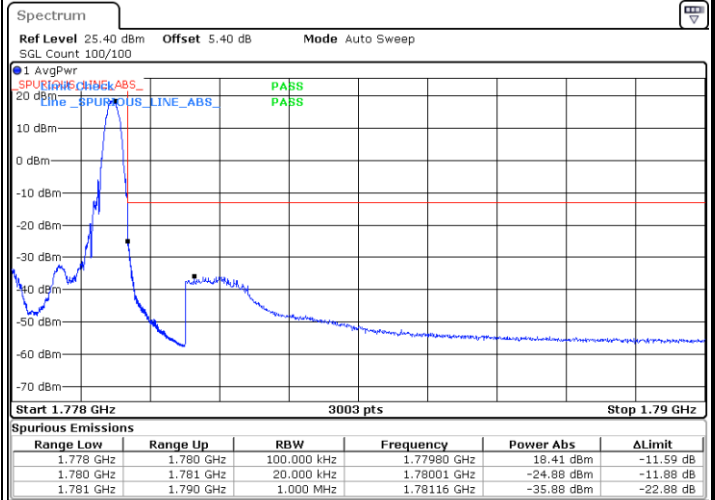
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



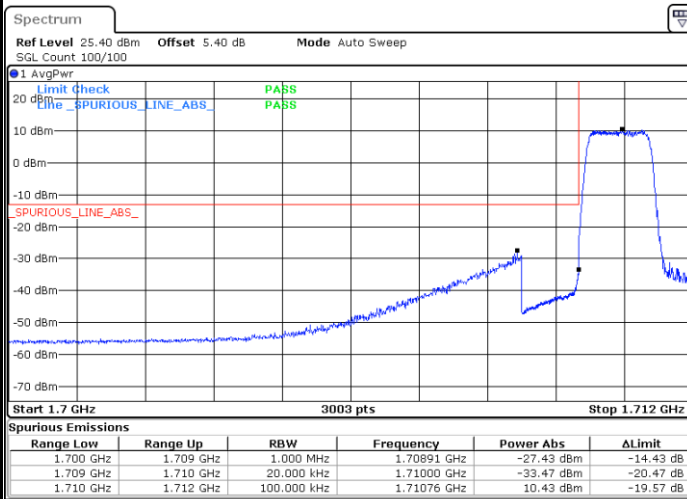
Date: 30 JUN.2023 21:37:49

Highest Band Edge / 1 RB



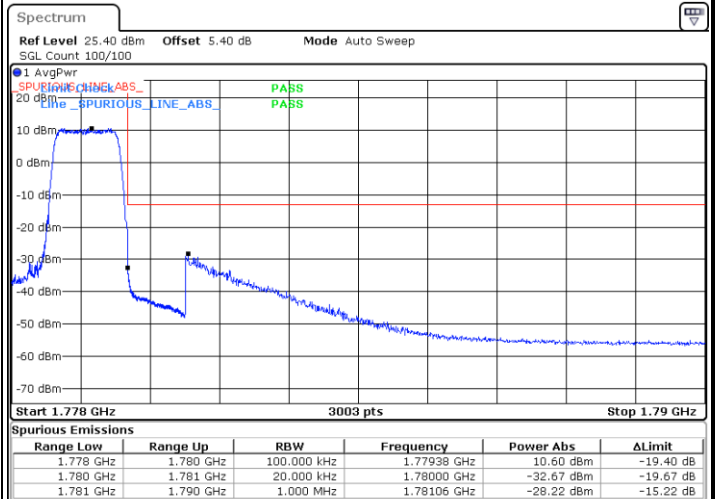
Date: 30 JUN.2023 21:48:41

Lowest Band Edge / Full RB



Date: 30 JUN.2023 21:41:49

Highest Band Edge / Full RB

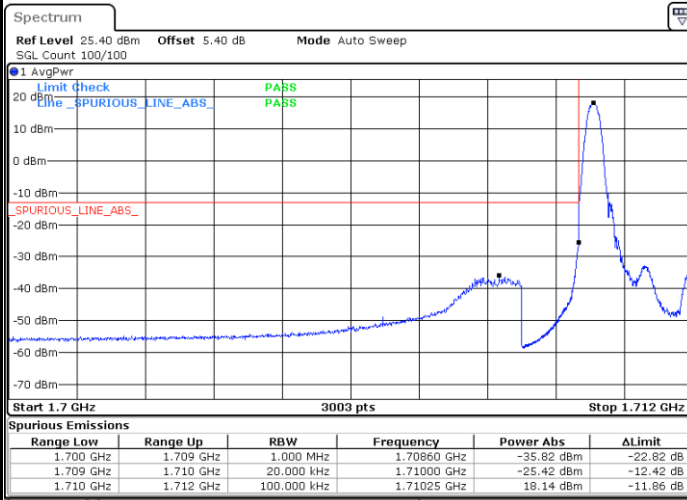


Date: 30 JUN.2023 21:52:41



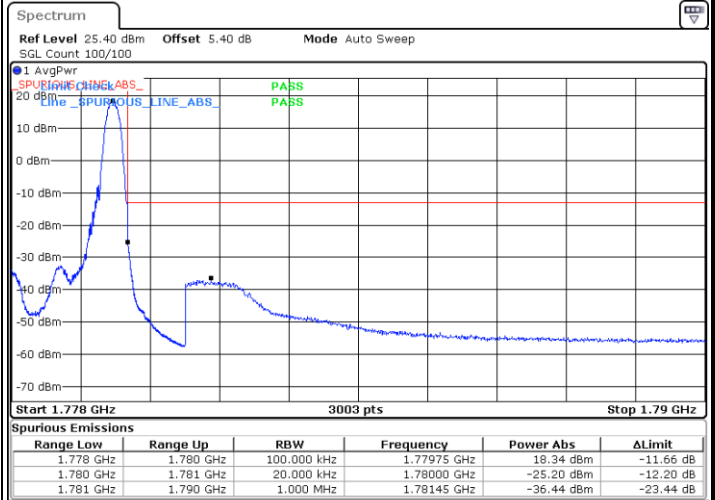
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



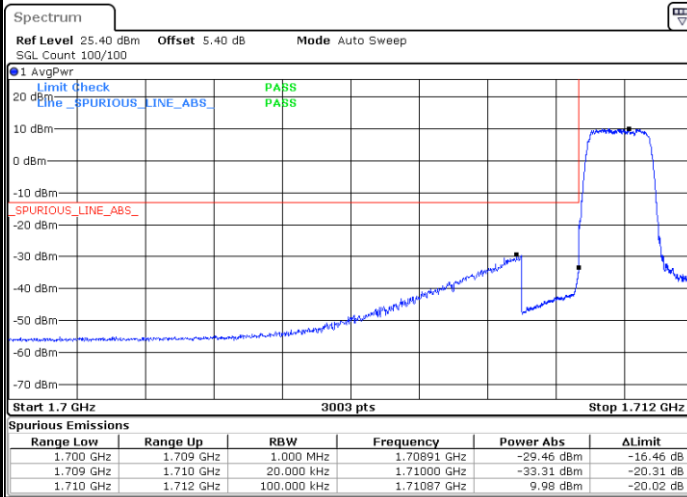
Date: 30 JUN.2023 21:39:09

Highest Band Edge / 1 RB



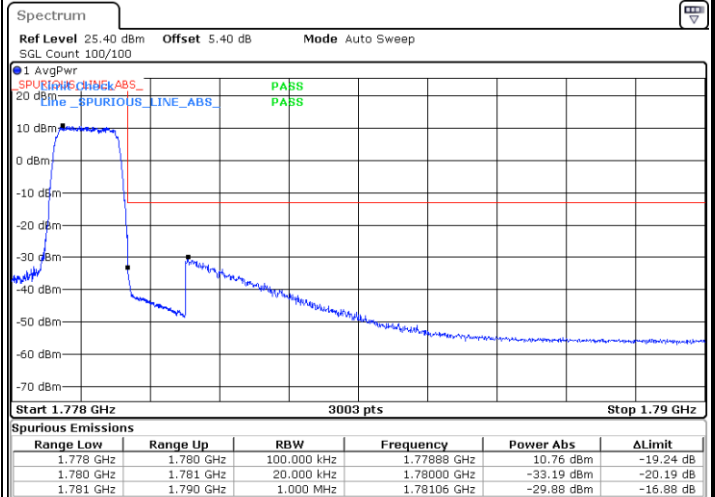
Date: 30 JUN.2023 21:50:01

Lowest Band Edge / Full RB



Date: 30 JUN.2023 21:40:29

Highest Band Edge / Full RB

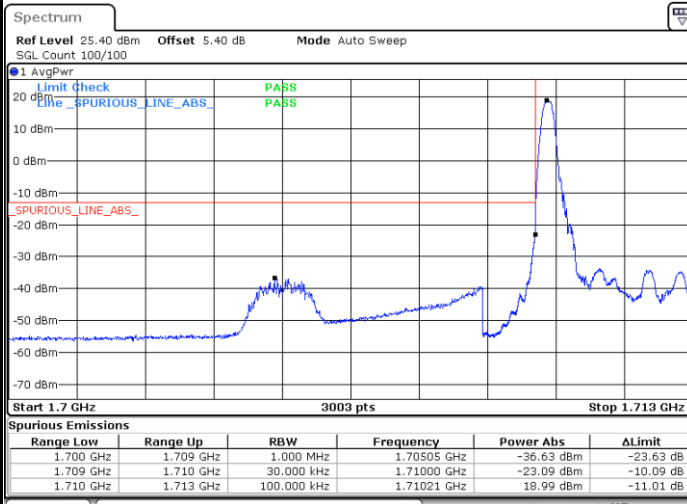


Date: 30 JUN.2023 21:51:21



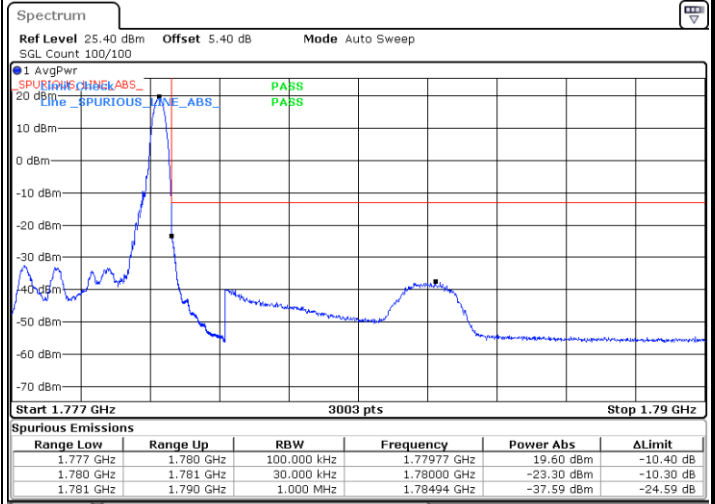
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



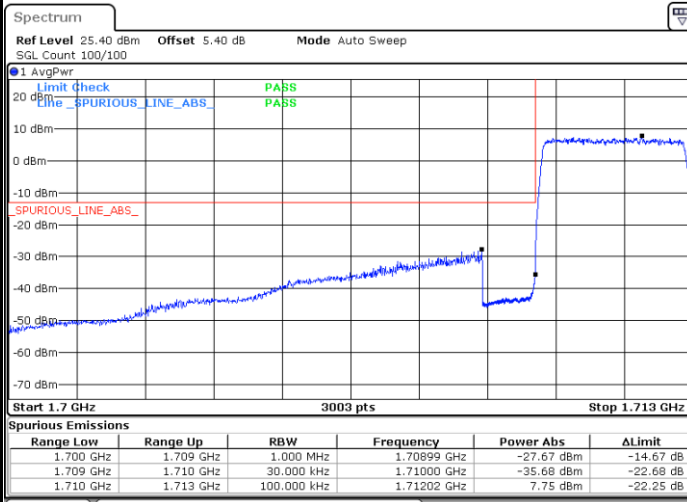
Date: 30 JUN.2023 21:56:47

Highest Band Edge / 1 RB



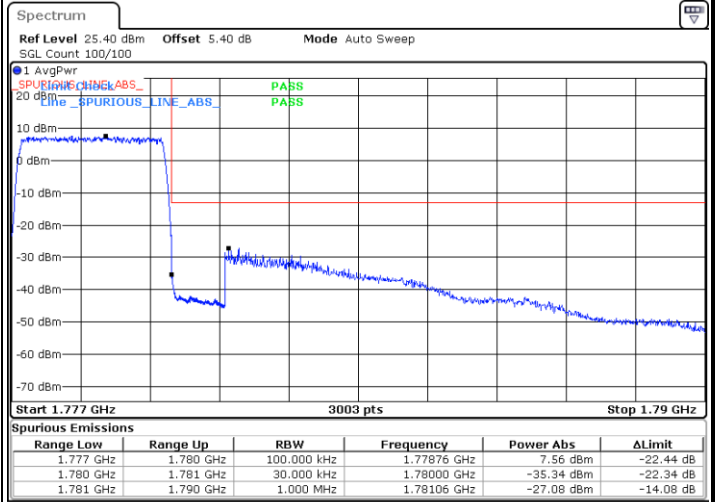
Date: 30 JUN.2023 22:07:38

Lowest Band Edge / Full RB



Date: 30 JUN.2023 22:03:25

Highest Band Edge / Full RB

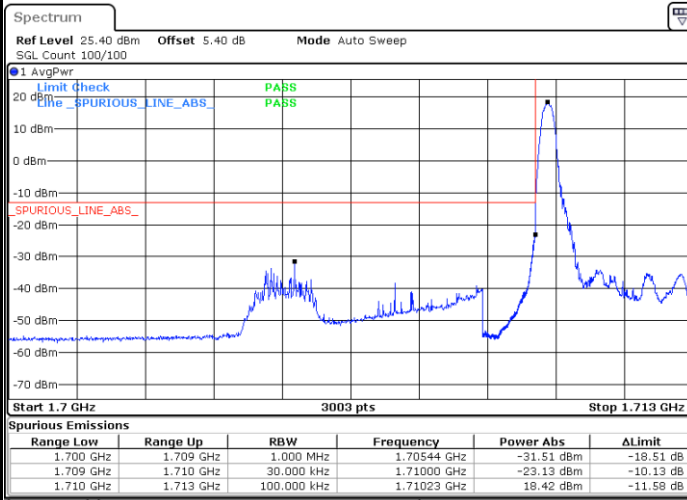


Date: 30 JUN.2023 22:14:16



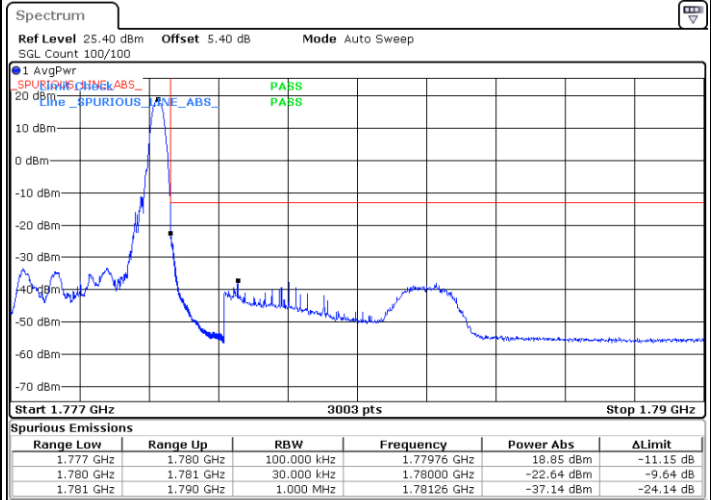
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



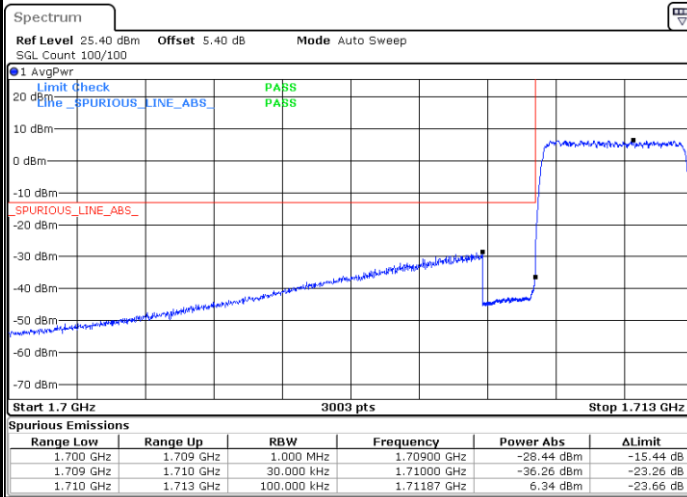
Date: 30 JUN.2023 21:58:07

Highest Band Edge / 1 RB



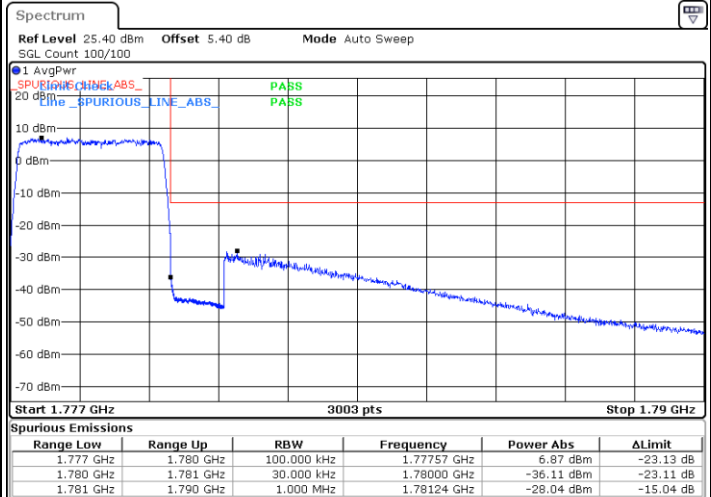
Date: 30 JUN.2023 22:08:58

Lowest Band Edge / Full RB



Date: 30 JUN.2023 22:02:06

Highest Band Edge / Full RB

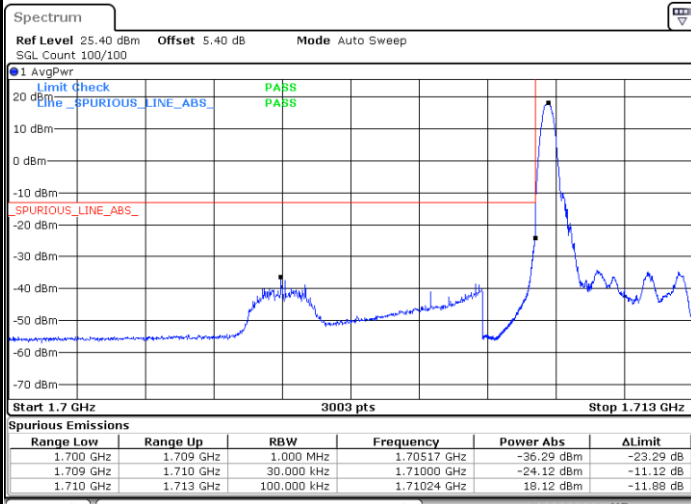


Date: 30 JUN.2023 22:12:56



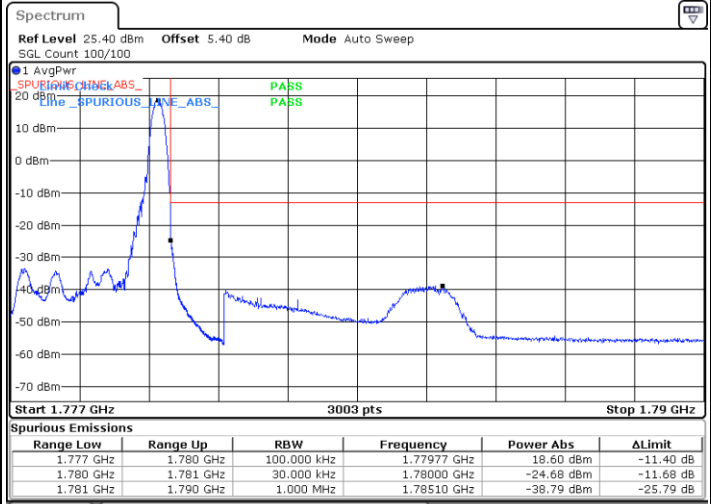
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



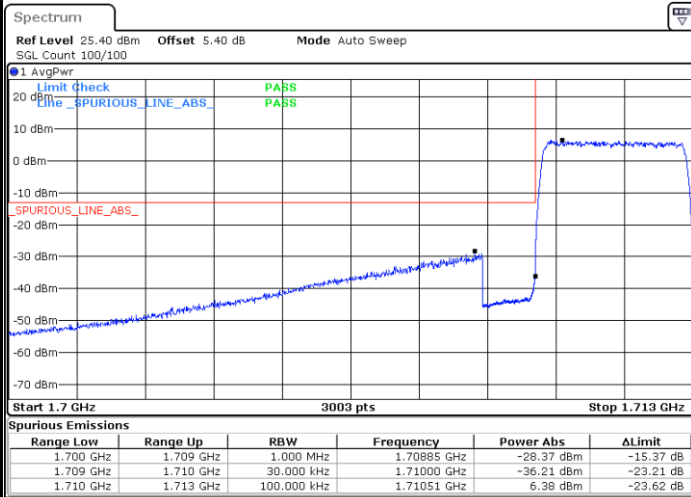
Date: 30 JUN.2023 21:59:26

Highest Band Edge / 1 RB



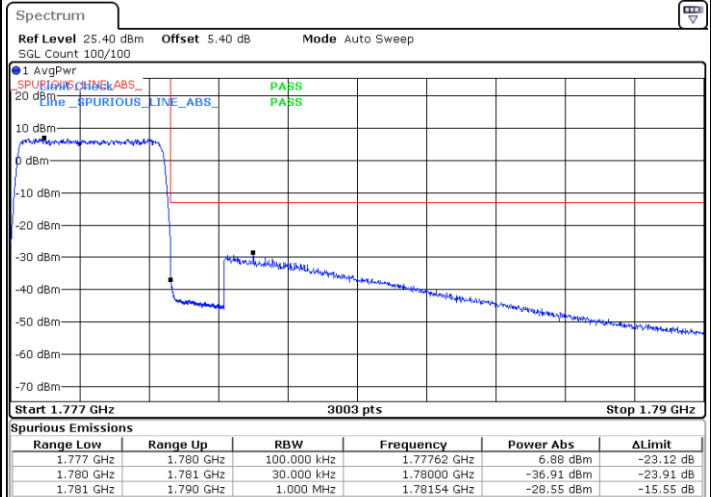
Date: 30 JUN.2023 22:10:17

Lowest Band Edge / Full RB



Date: 30 JUN.2023 22:00:46

Highest Band Edge / Full RB



Date: 30 JUN.2023 22:11:37