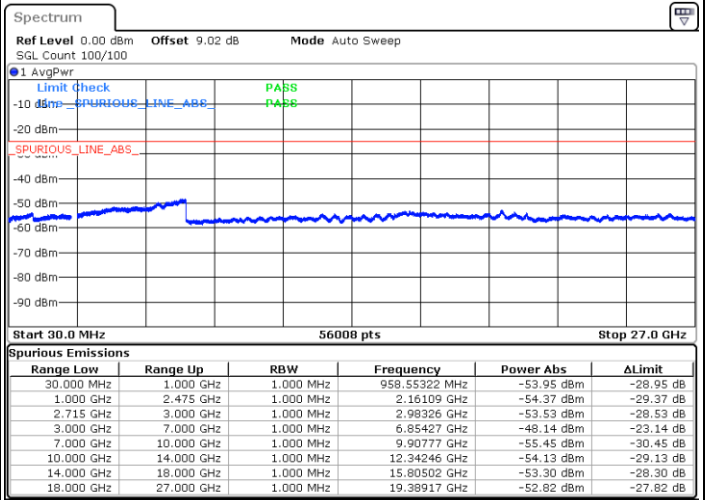
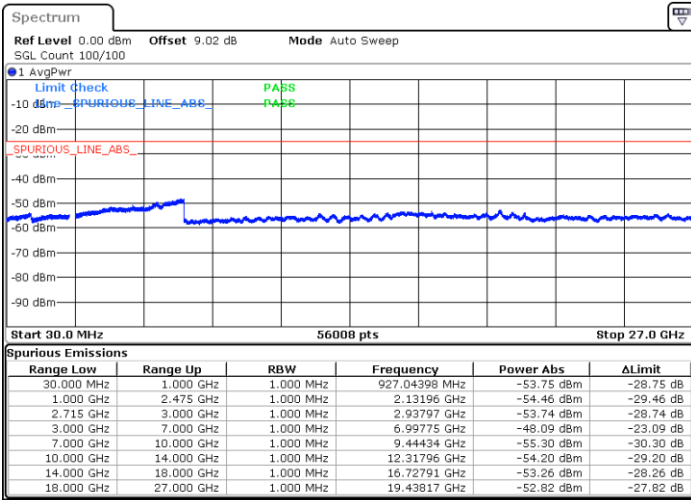




LTE Band 41 / 15MHz

Lowest Channel / QPSK

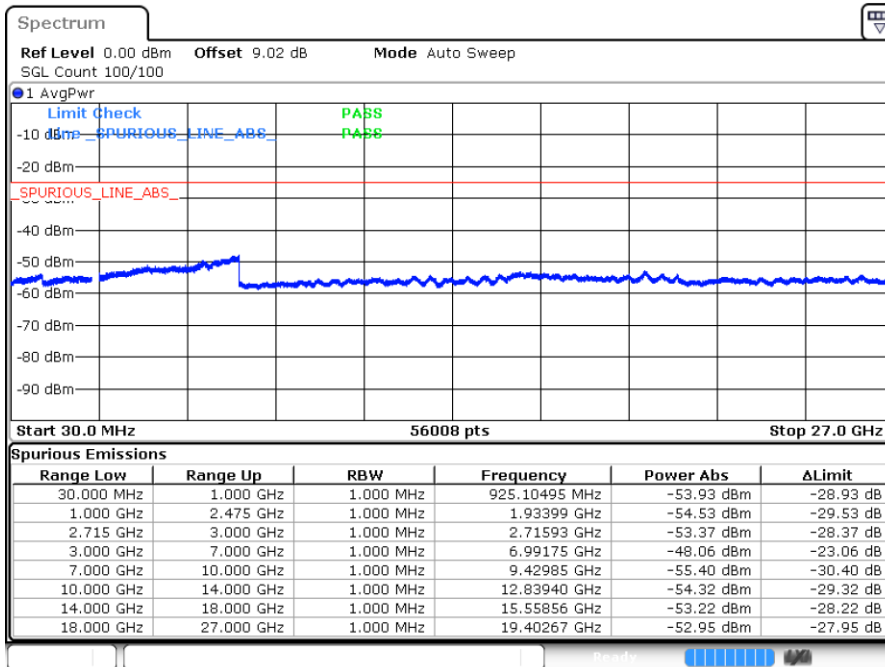
Middle Channel / QPSK



Date: 31 JUL 2023 15:46:32

Date: 31 JUL 2023 15:53:56

Highest Channel / QPSK



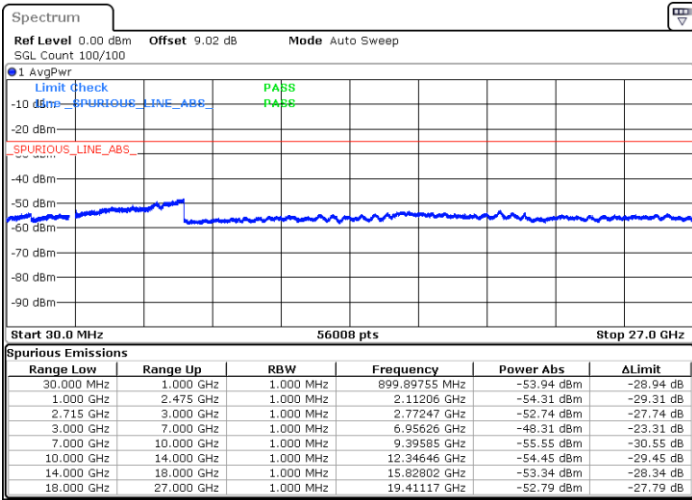
Date: 31 JUL 2023 15:55:16



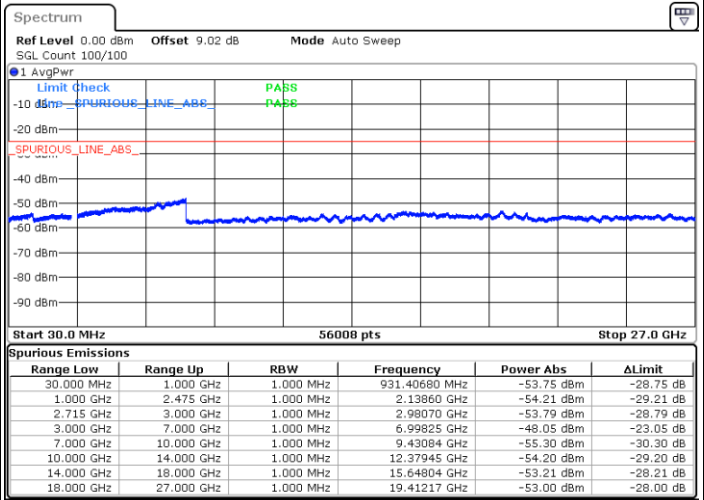
LTE Band 41 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

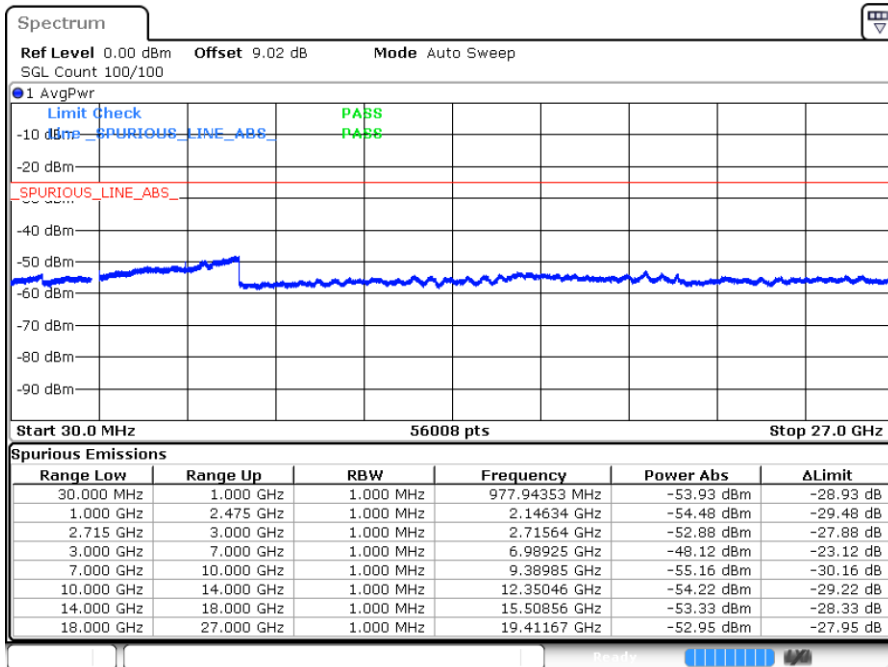


Date: 31 JUL 2023 16:02:53



Date: 31 JUL 2023 16:14:33

Highest Channel / QPSK



Date: 31 JUL 2023 16:15:53



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	0.0022	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0048	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0054	
-10	Normal Voltage	0.0049	
-20	Normal Voltage	0.0026	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0029	
20	Minimum Voltage	0.0016	

Note:

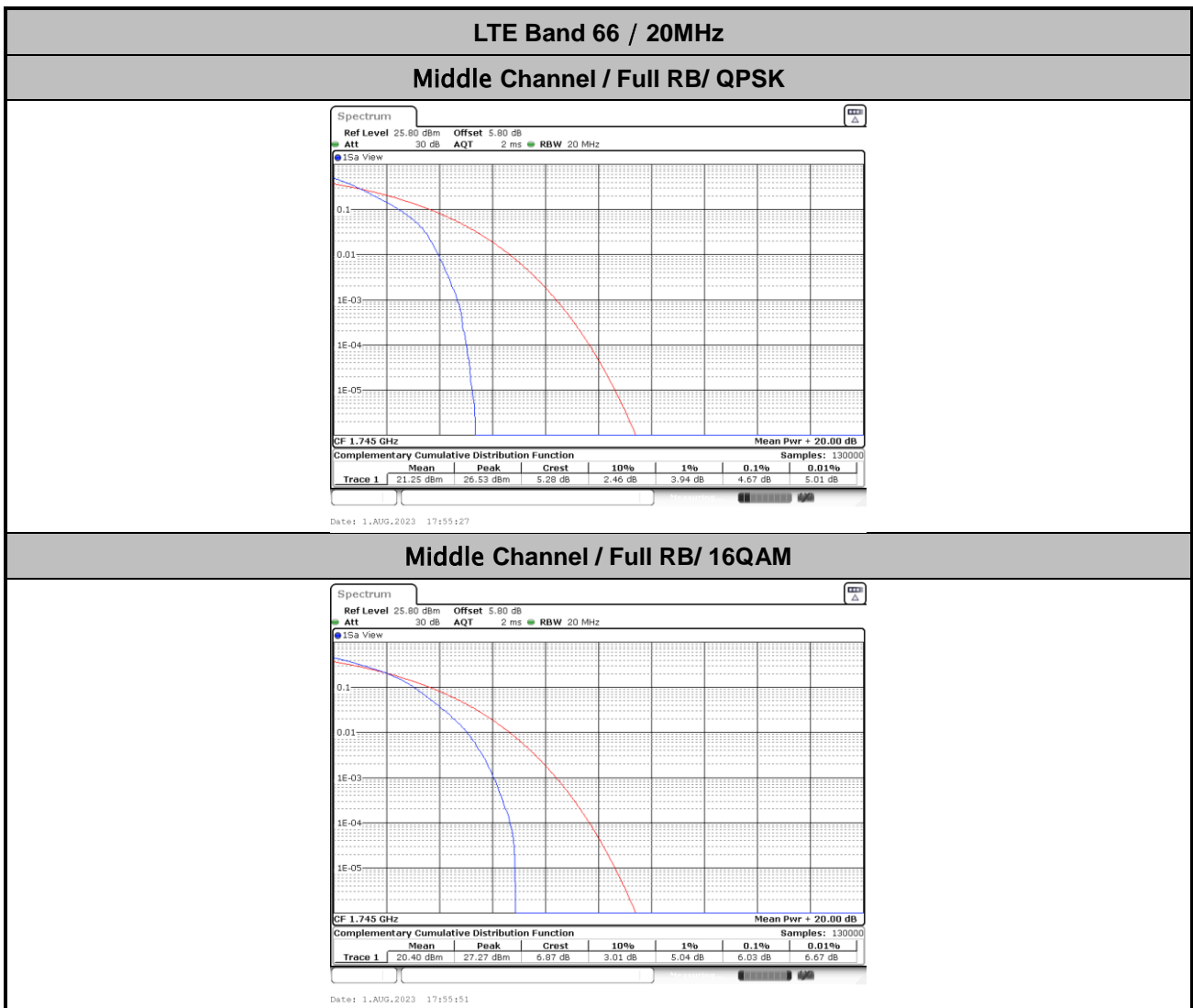
1. Normal Voltage =3.8 V. ; Minimum Voltage =3.5 V. ; Maximum Voltage =4.35V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 66

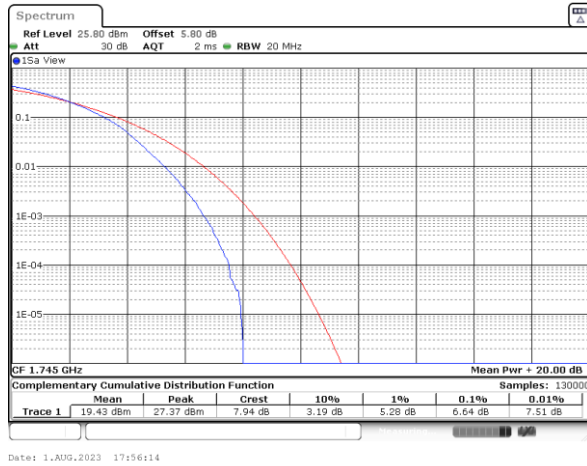
## Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK	16QAM	64QAM	256QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Full RB	Result
Middle CH	4.67	6.03	6.64	6.67	PASS

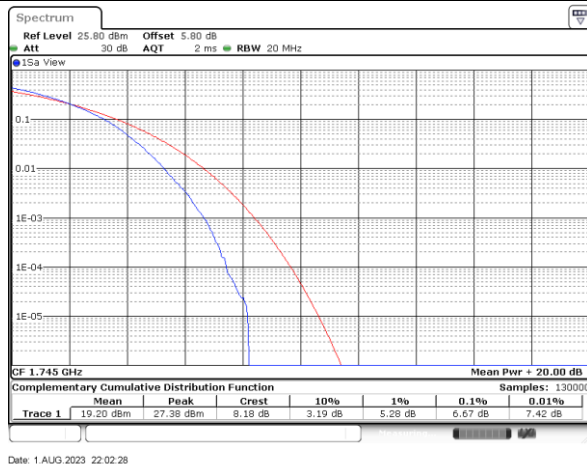




Middle Channel / Full RB/ 64QAM



Middle Channel / Full RB/ 256QAM





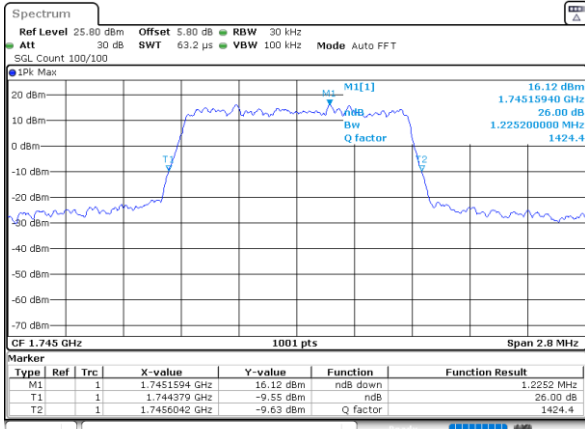
**26dB Bandwidth**

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>	1.23	1.21
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	3.04	2.99
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.91	4.92
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.81	9.85
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.42	14.33
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	19.14	18.90



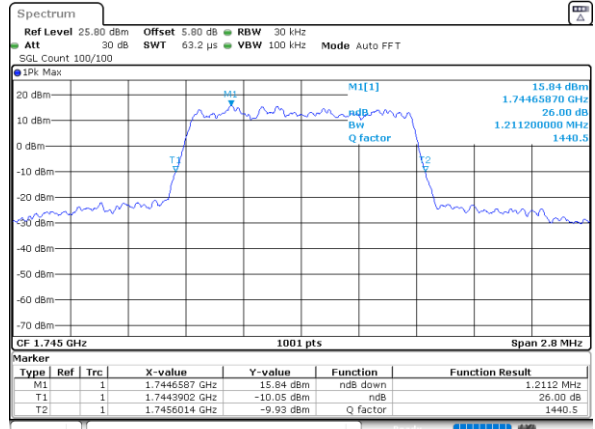
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 1.AUG.2023 13:41:00

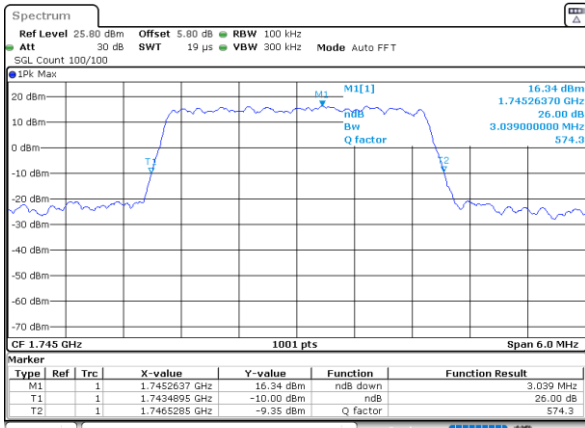
Middle Channel / 1.4MHz / 16QAM



Date: 1.AUG.2023 13:41:21

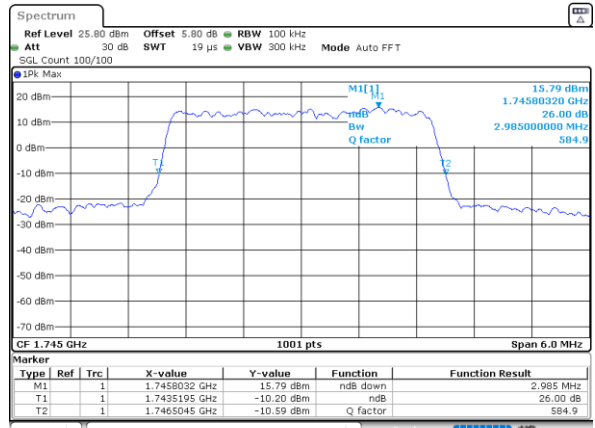
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 1.AUG.2023 14:33:09

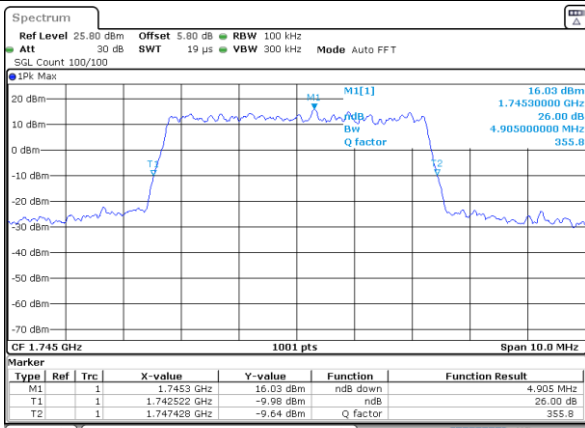
Middle Channel / 3MHz / 16QAM



Date: 1.AUG.2023 14:33:31

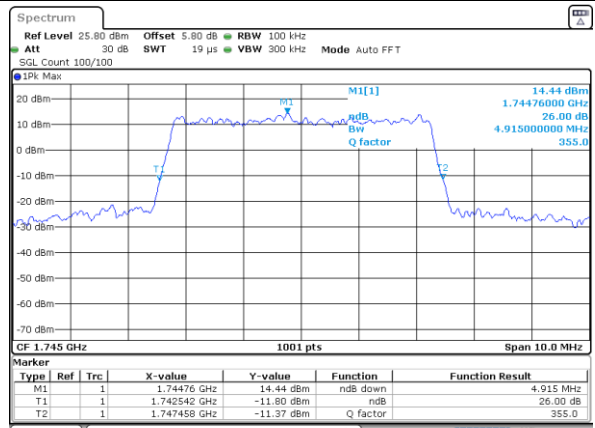
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 1.AUG.2023 16:05:47

Middle Channel / 5MHz / 16QAM

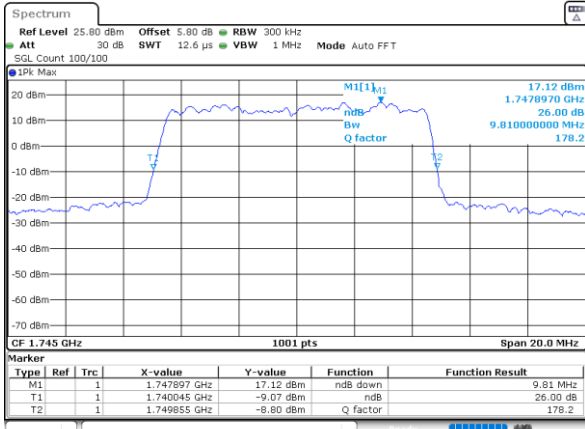


Date: 1.AUG.2023 16:06:09



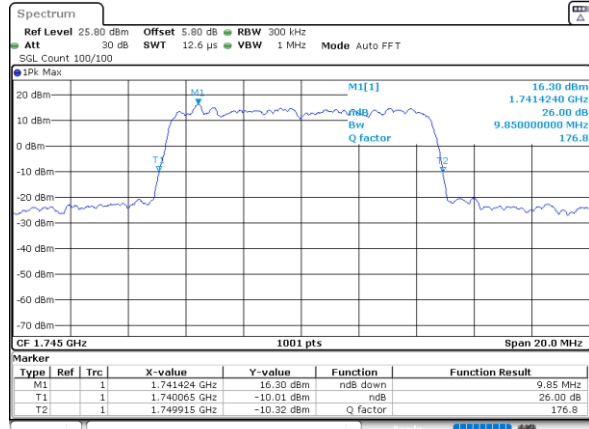
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 1.AUG.2023 16:33:43

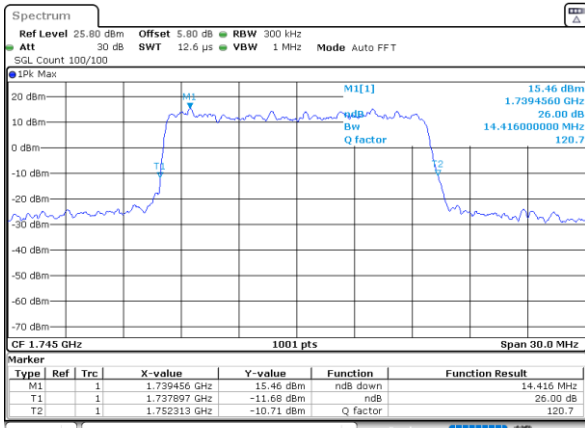
Middle Channel / 10MHz / 16QAM



Date: 1.AUG.2023 16:34:05

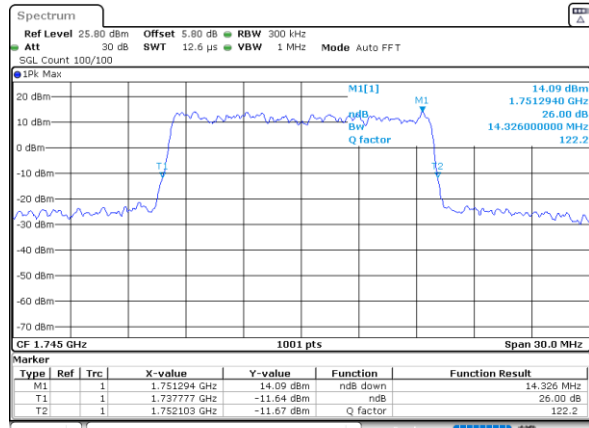
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 1.AUG.2023 17:00:42

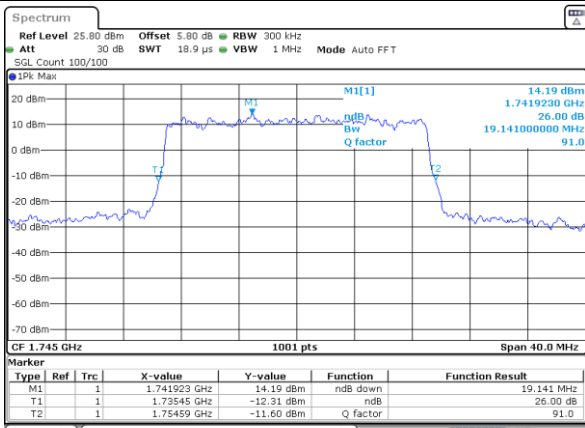
Middle Channel / 15MHz / 16QAM



Date: 1.AUG.2023 17:01:04

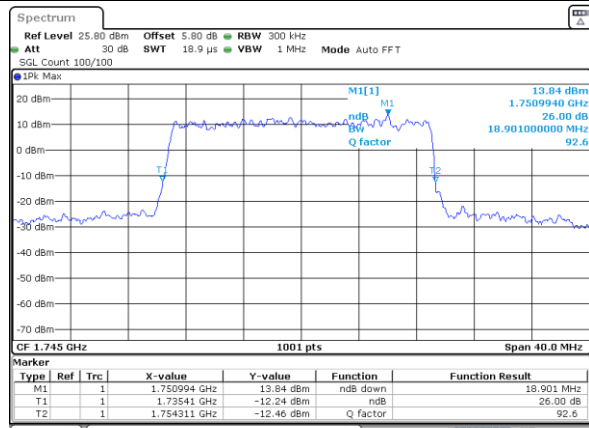
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 1.AUG.2023 17:54:43

Middle Channel / 20MHz / 16QAM



Date: 1.AUG.2023 17:55:05





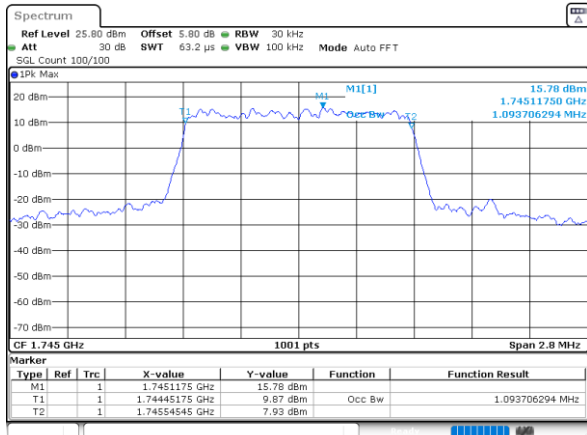
Occupied Bandwidth

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	1.09
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.71	2.73
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.52	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	9.01
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.49	13.43
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.94	17.86



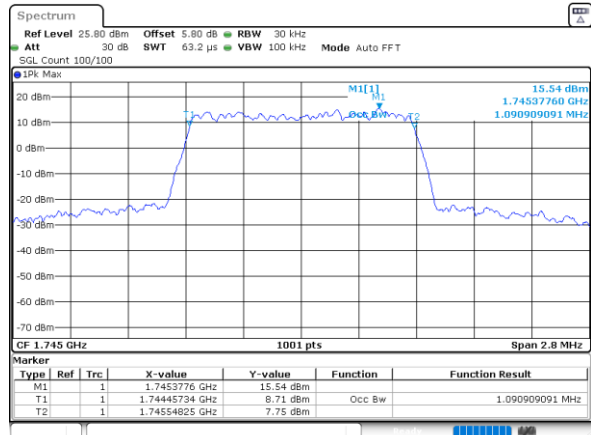
LTE Band 66

Middle Channel / 1.4MHz / QPSK



Date: 1.AUG.2023 13:40:16

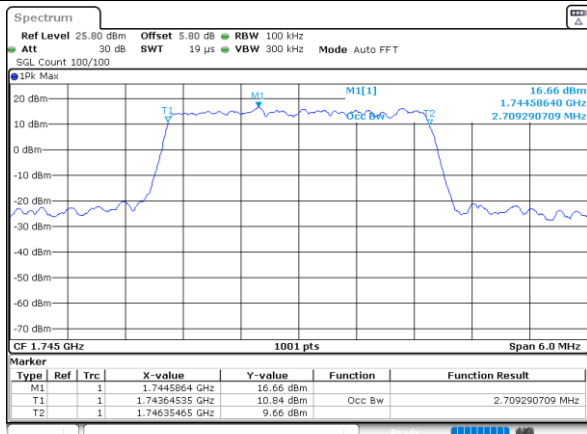
Middle Channel / 1.4MHz / 16QAM



Date: 1.AUG.2023 13:40:38

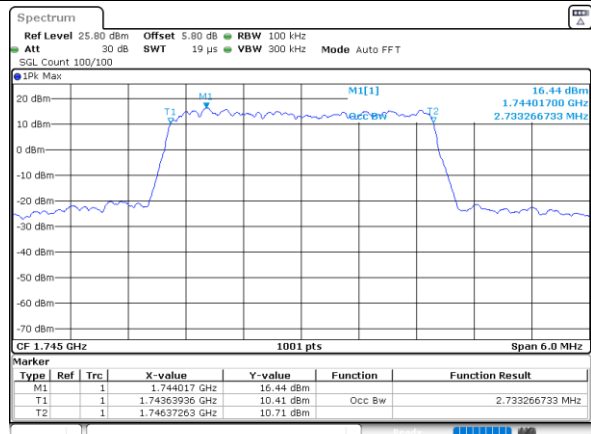
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 1.AUG.2023 14:32:25

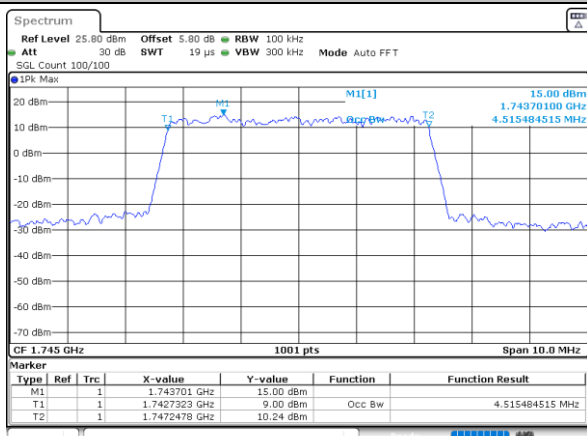
Middle Channel / 3MHz / 16QAM



Date: 1.AUG.2023 14:32:47

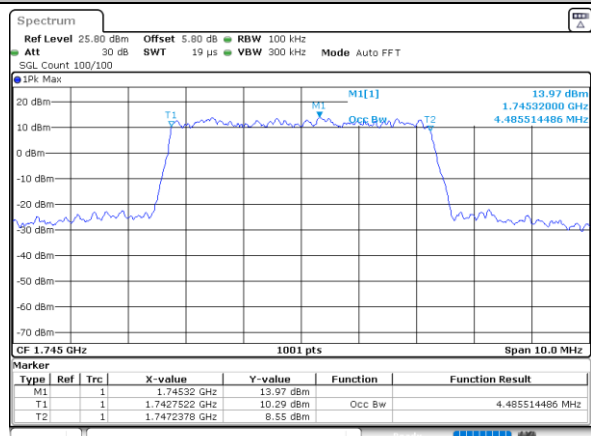
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 1.AUG.2023 16:05:03

Middle Channel / 5MHz / 16QAM

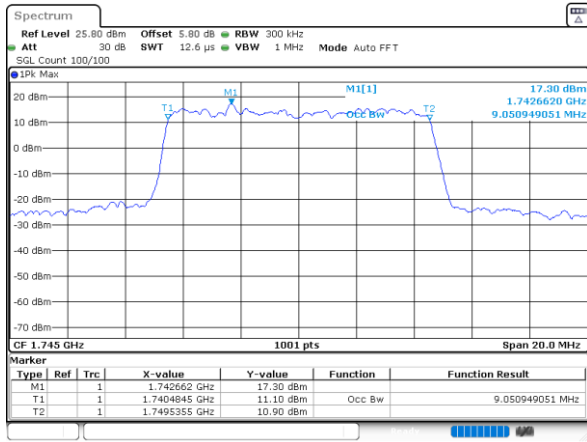


Date: 1.AUG.2023 16:05:25



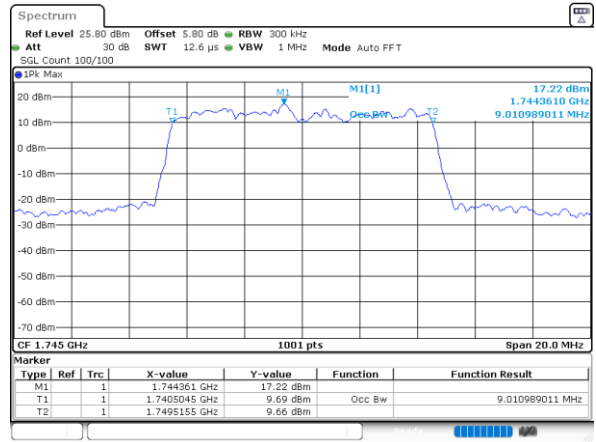
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 1.AUG.2023 16:32:59

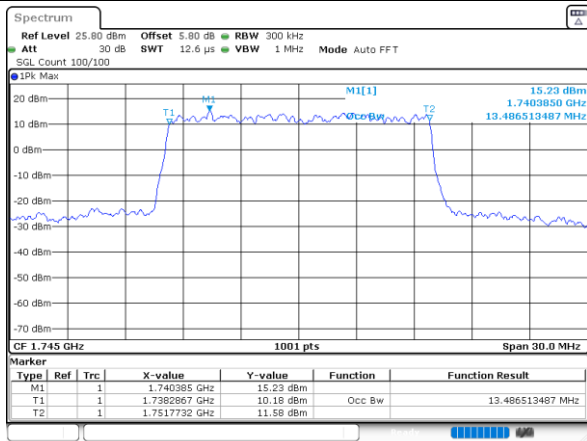
Middle Channel / 10MHz / 16QAM



Date: 1.AUG.2023 16:33:21

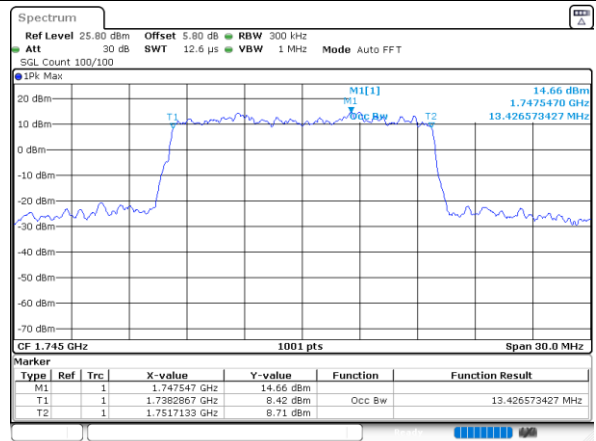
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 1.AUG.2023 16:59:58

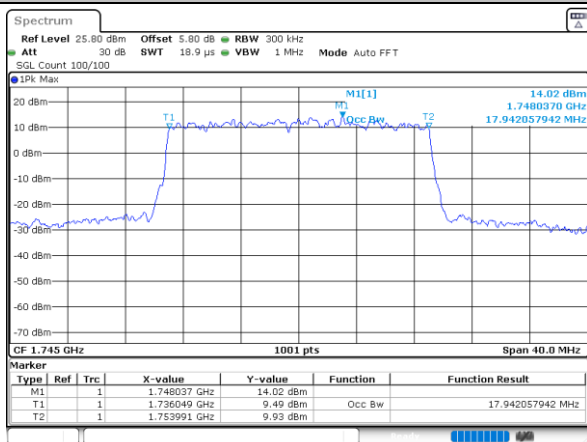
Middle Channel / 15MHz / 16QAM



Date: 1.AUG.2023 17:00:20

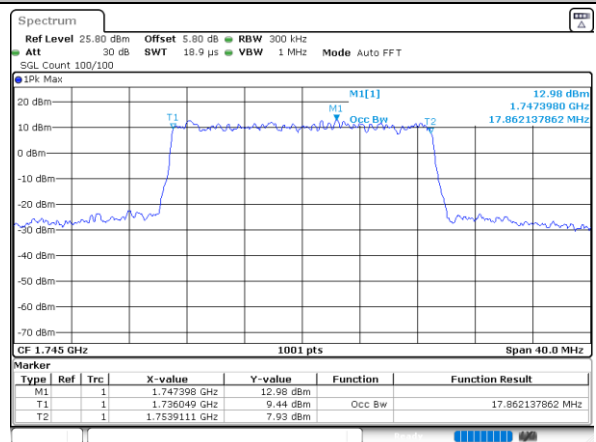
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 1.AUG.2023 17:53:59

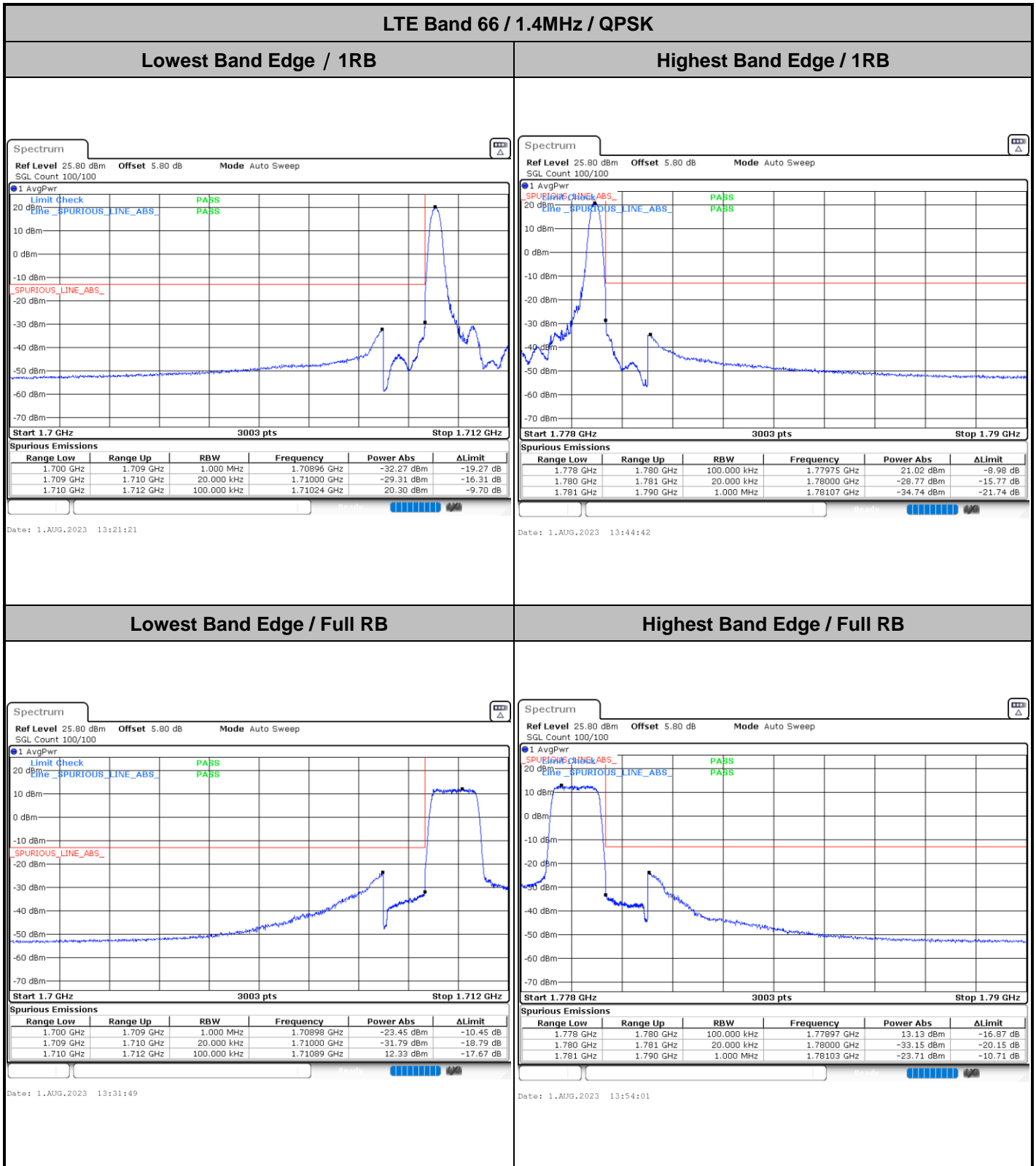
Middle Channel / 20MHz / 16QAM



Date: 1.AUG.2023 17:54:21



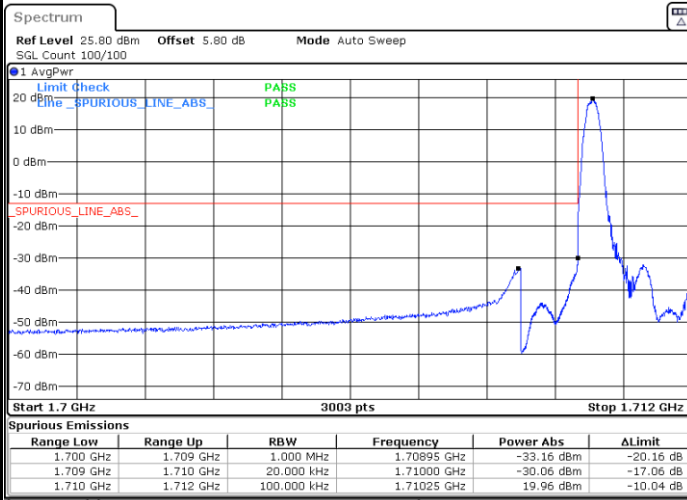
# Conducted Band Edge





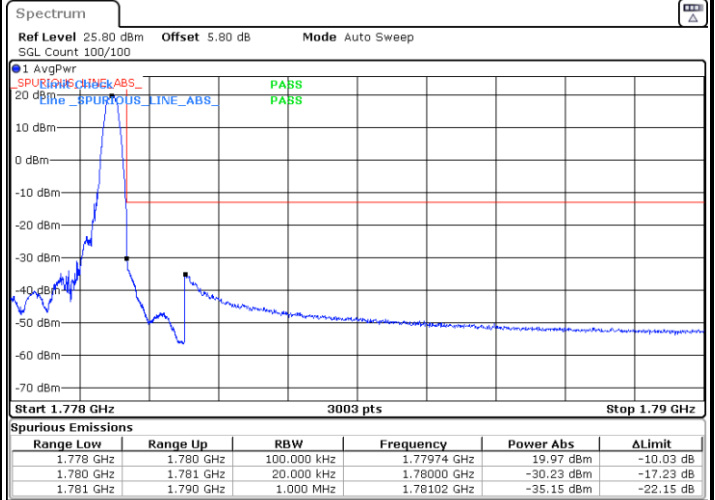
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



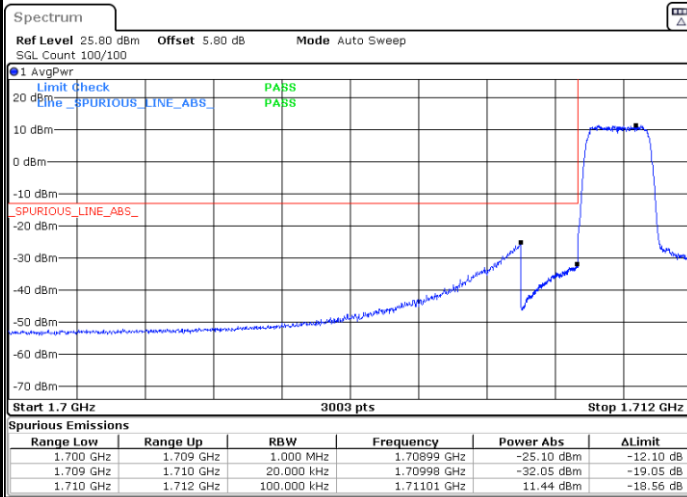
Date: 1.AUG.2023 13:23:21

Highest Band Edge / 1 RB



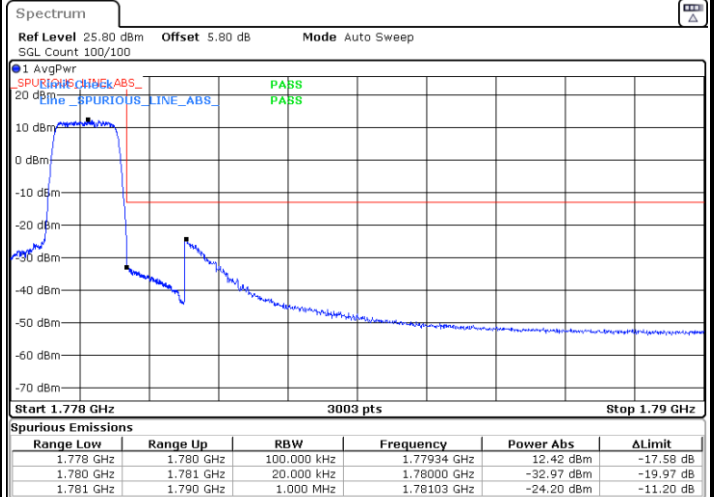
Date: 1.AUG.2023 13:46:42

Lowest Band Edge / Full RB



Date: 1.AUG.2023 13:33:49

Highest Band Edge / Full RB

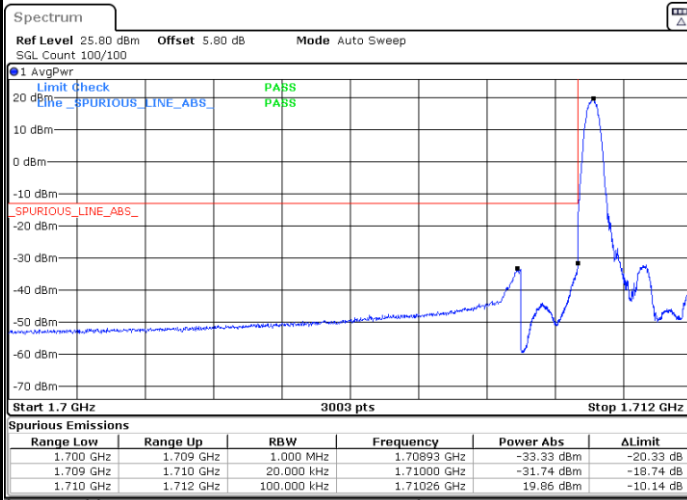


Date: 1.AUG.2023 13:56:00



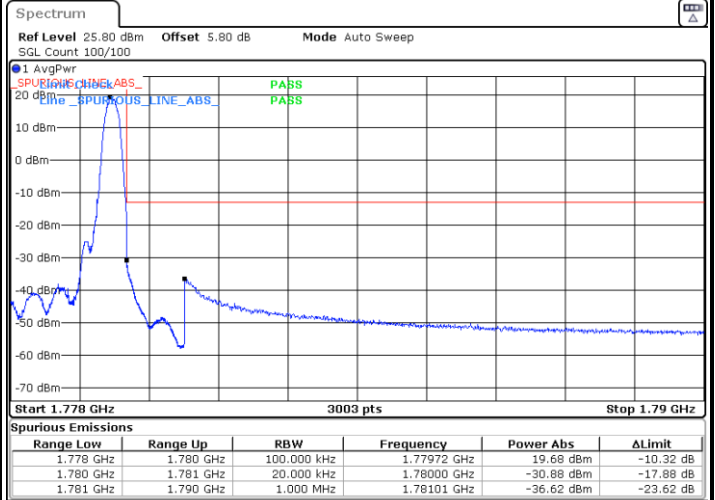
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



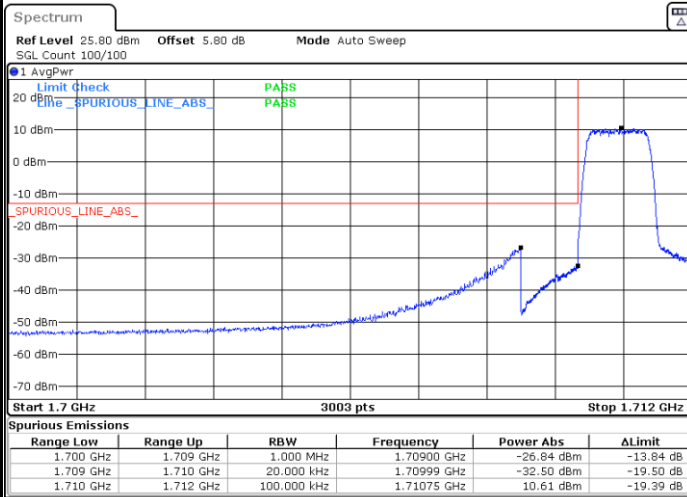
Date: 1.AUG.2023 13:25:21

Highest Band Edge / 1 RB



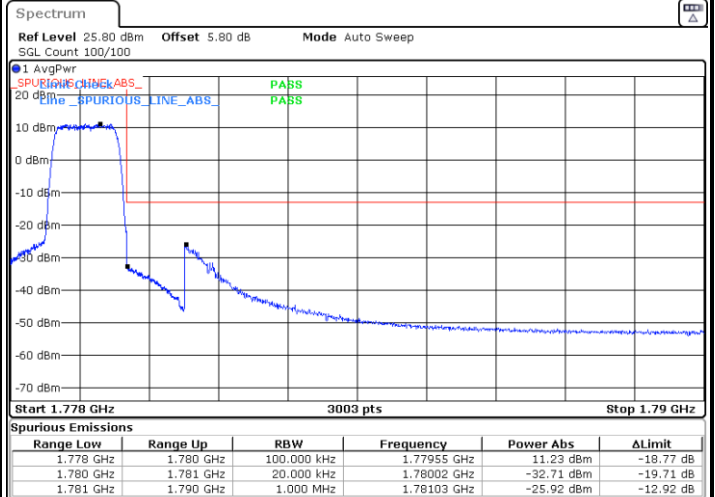
Date: 1.AUG.2023 13:48:42

Lowest Band Edge / Full RB



Date: 1.AUG.2023 13:35:49

Highest Band Edge / Full RB



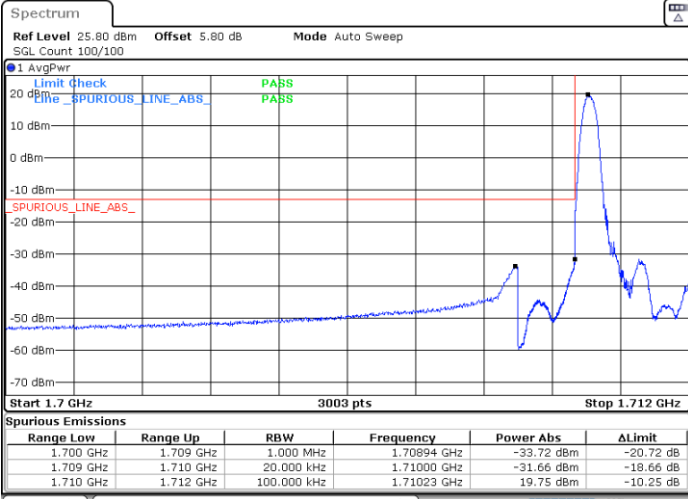
Date: 1.AUG.2023 13:58:00



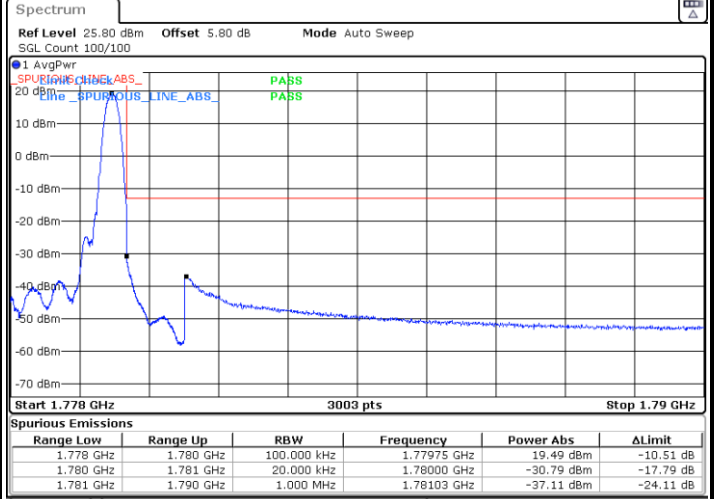
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



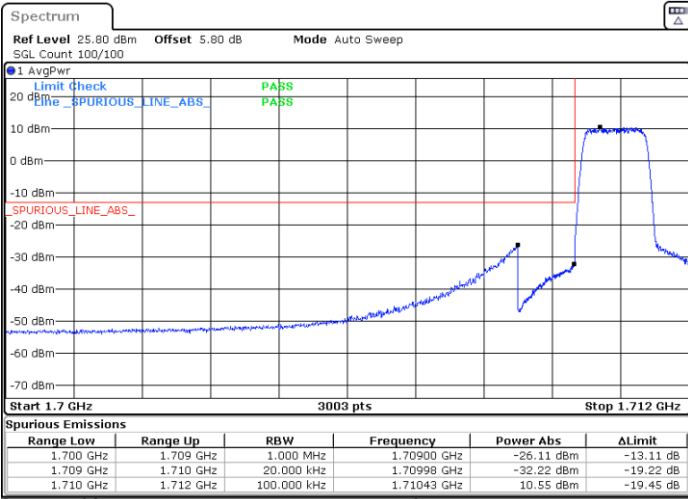
Date: 1.AUG.2023 13:27:21



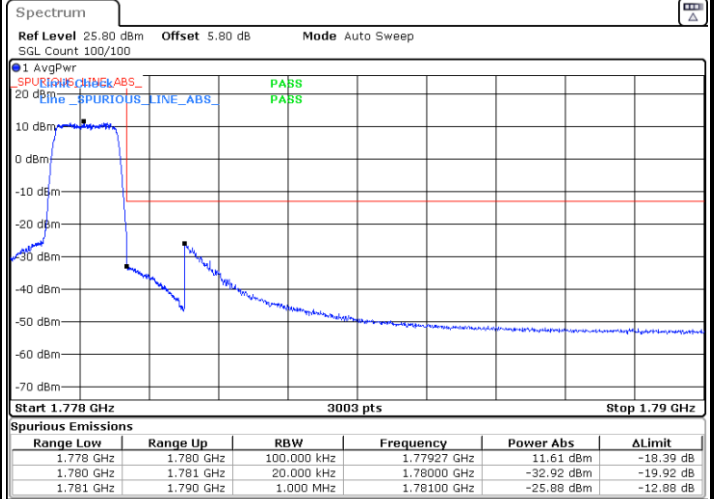
Date: 1.AUG.2023 13:50:42

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 1.AUG.2023 13:37:49

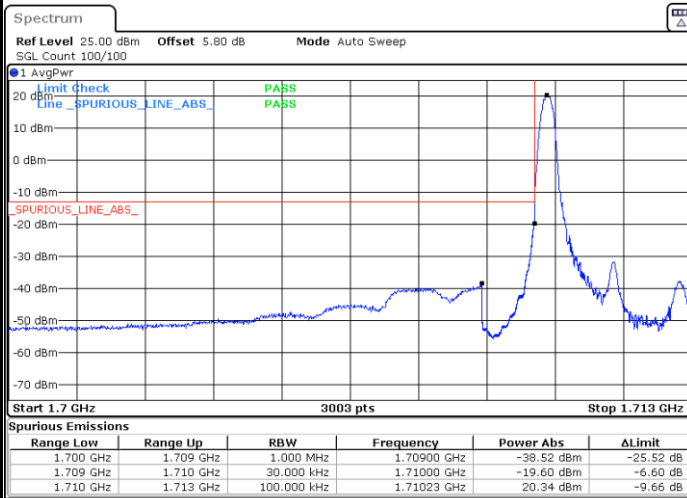


Date: 1.AUG.2023 14:05:19

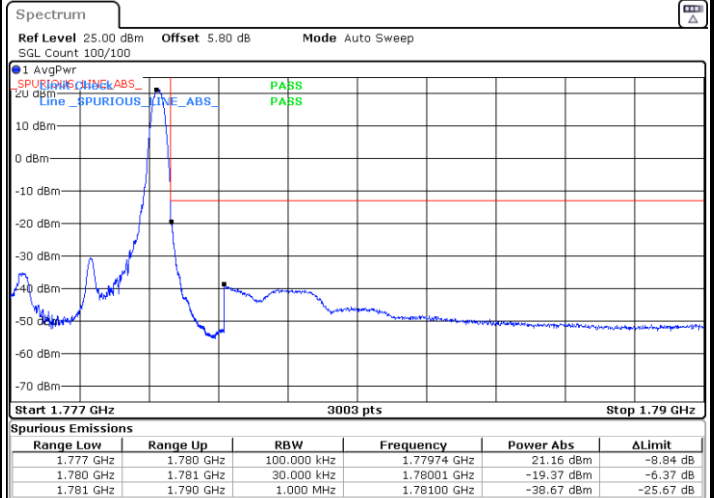


LTE Band 66 / 3MHz / QPSK

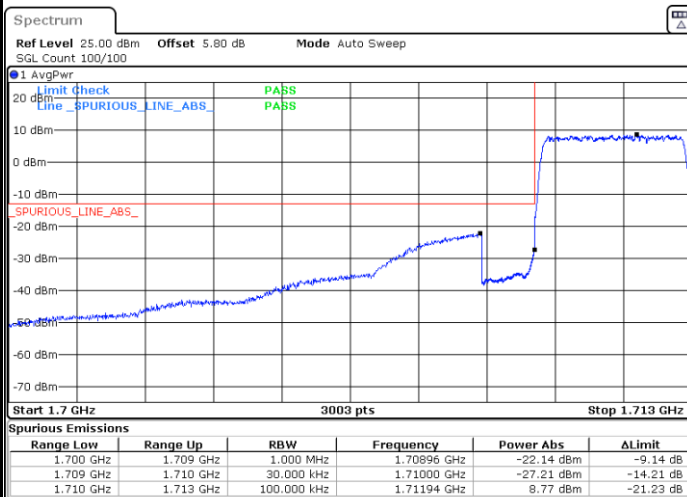
Lowest Band Edge / 1RB



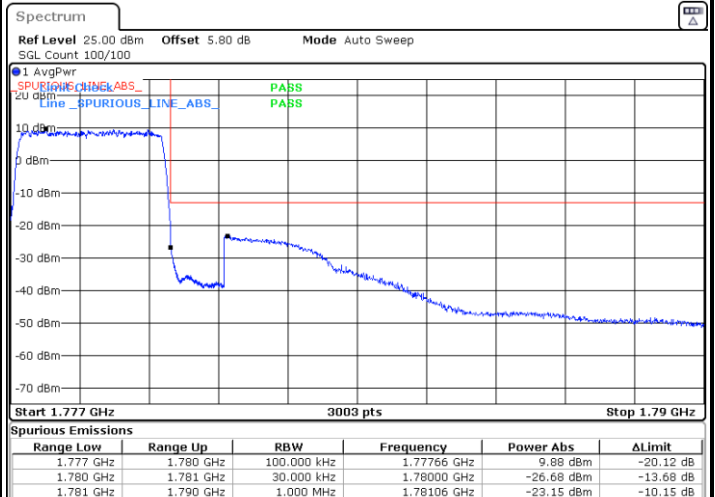
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

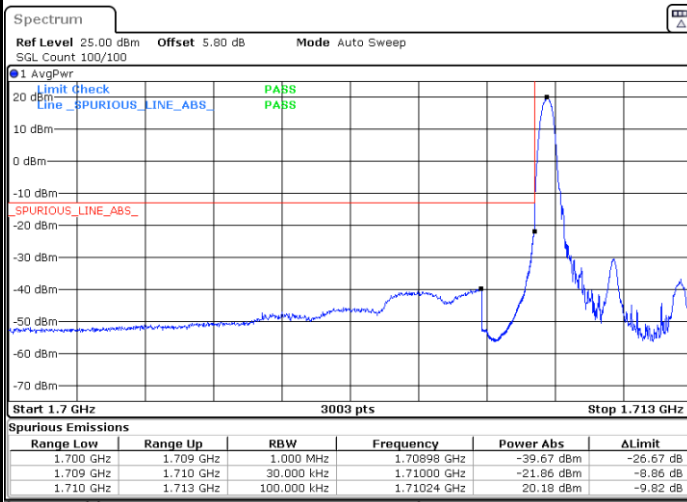




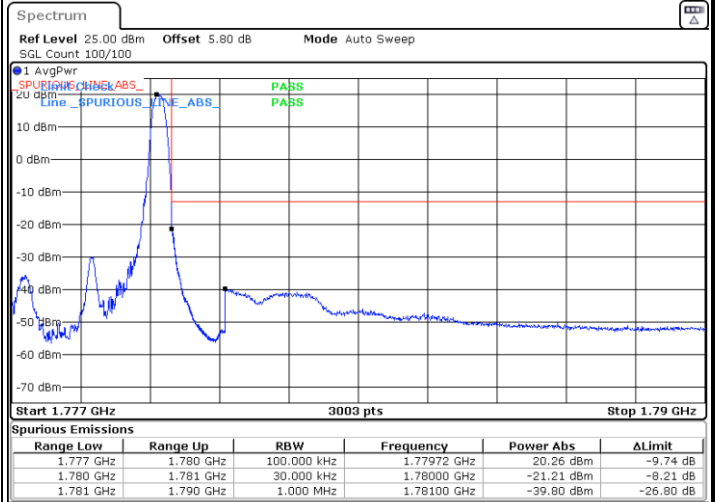


LTE Band 66 / 3MHz / 16QAM

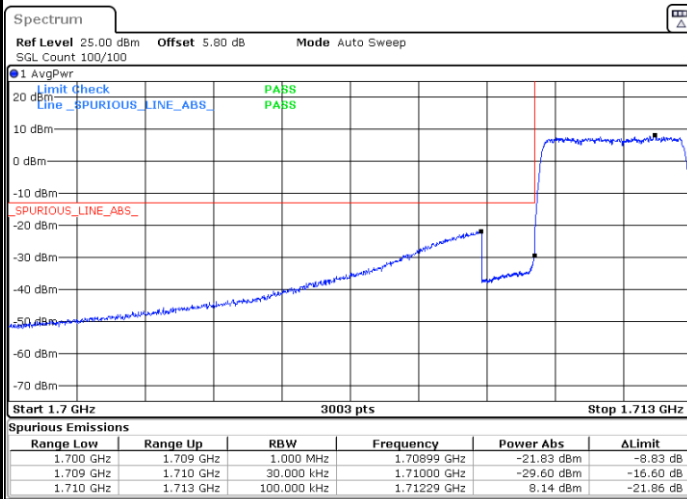
Lowest Band Edge / 1 RB



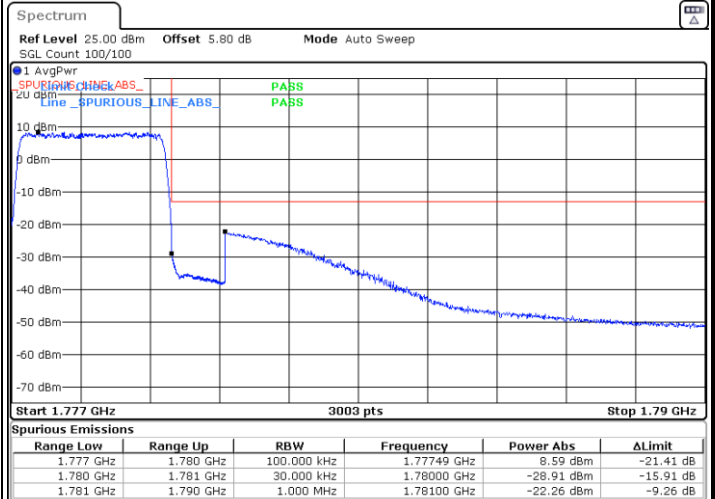
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



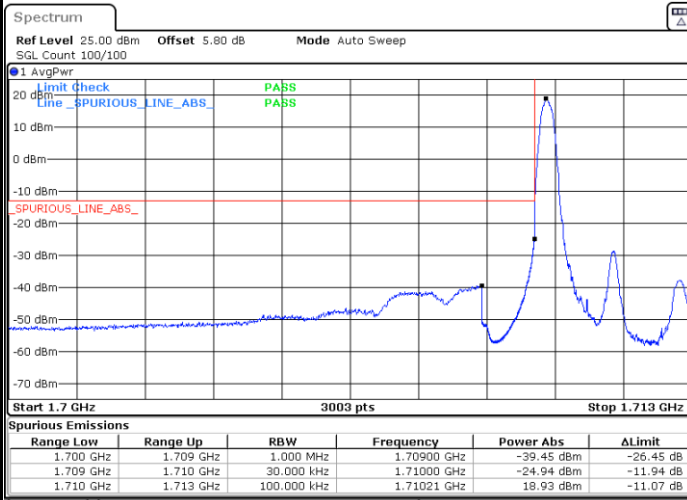
Highest Band Edge / Full RB





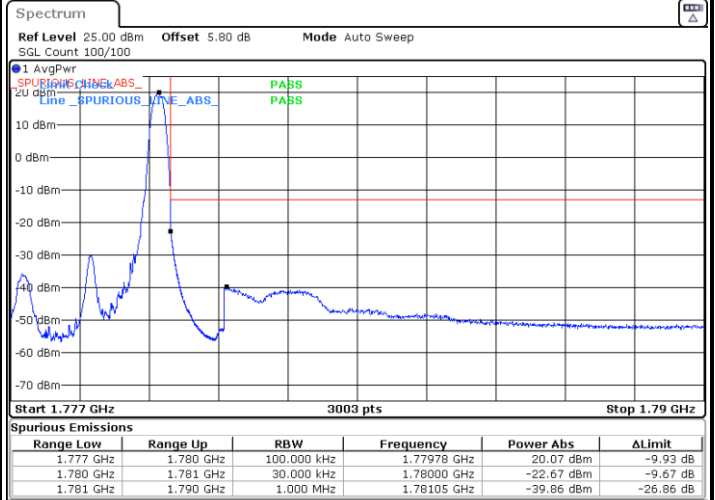
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



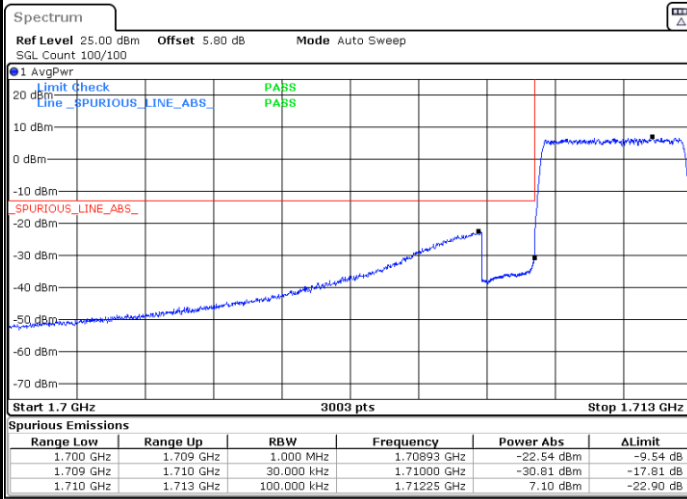
Date: 1.AUG.2023 14:13:07

Highest Band Edge / 1 RB



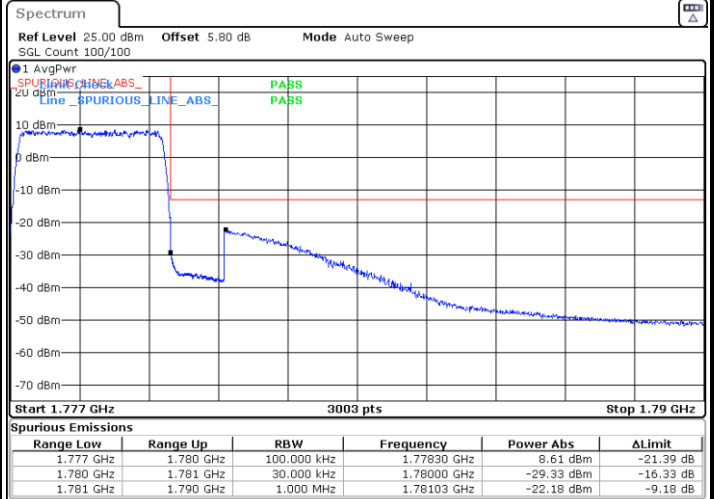
Date: 1.AUG.2023 15:40:19

Lowest Band Edge / Full RB



Date: 1.AUG.2023 14:21:51

Highest Band Edge / Full RB

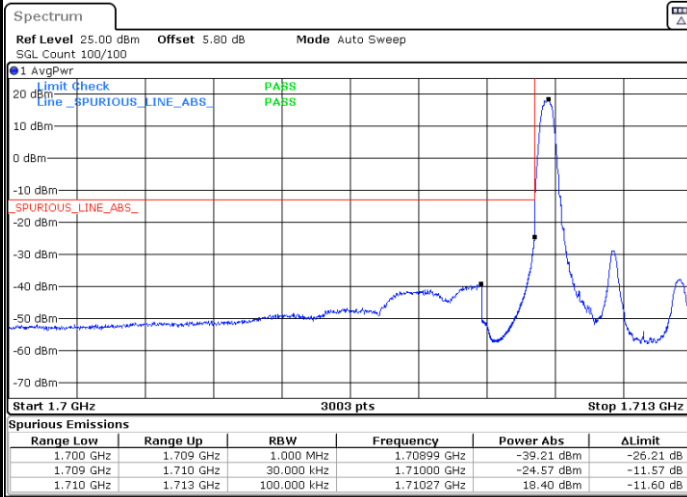


Date: 1.AUG.2023 15:50:01



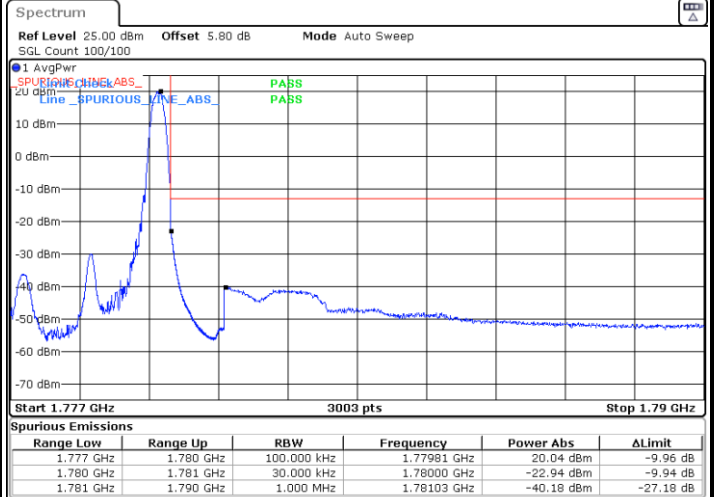
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



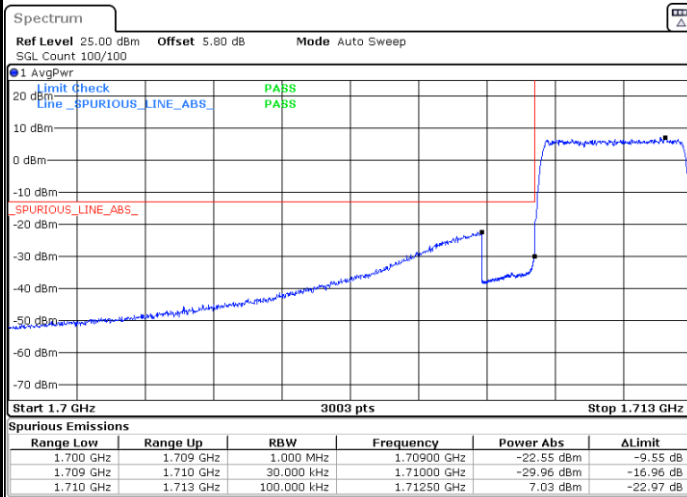
Date: 1.AUG.2023 14:15:08

Highest Band Edge / 1 RB



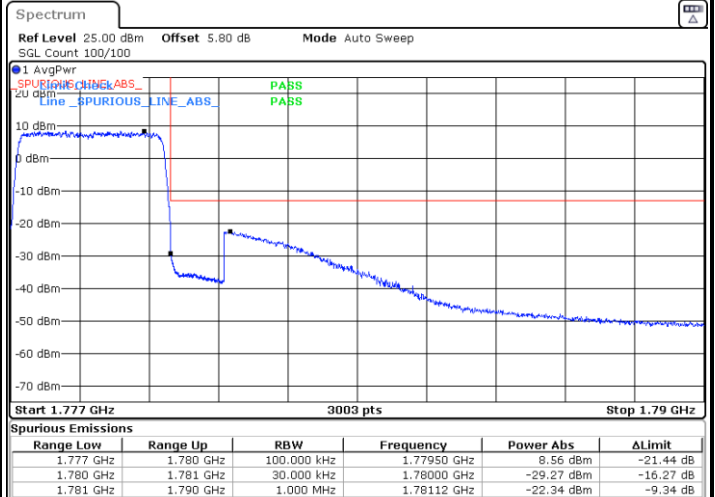
Date: 1.AUG.2023 15:41:39

Lowest Band Edge / Full RB



Date: 1.AUG.2023 14:23:52

Highest Band Edge / Full RB

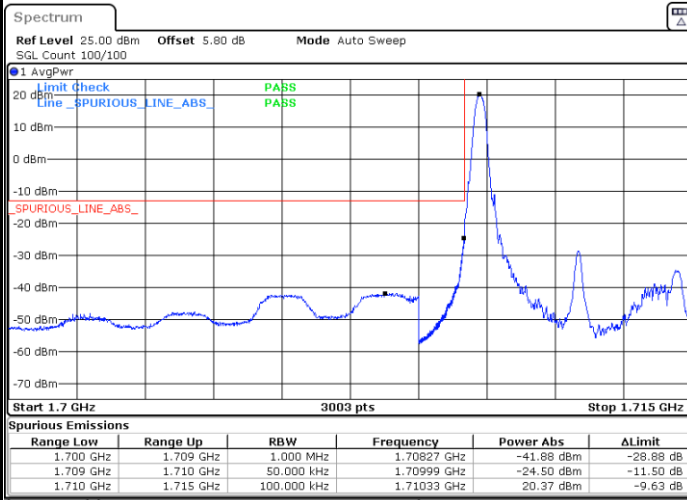


Date: 1.AUG.2023 15:51:22



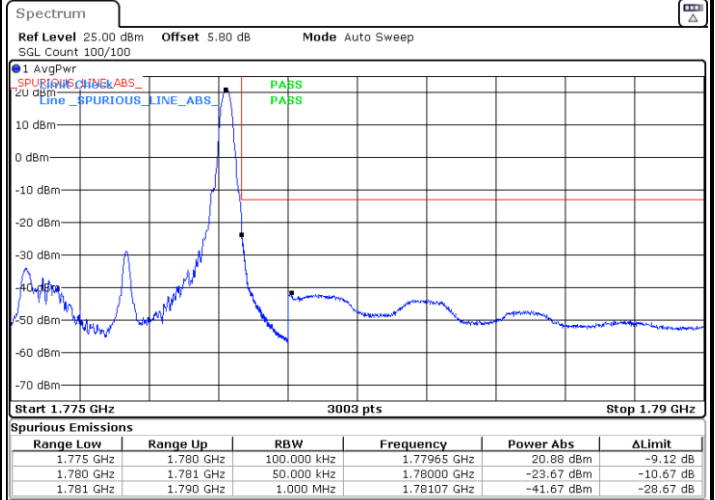
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



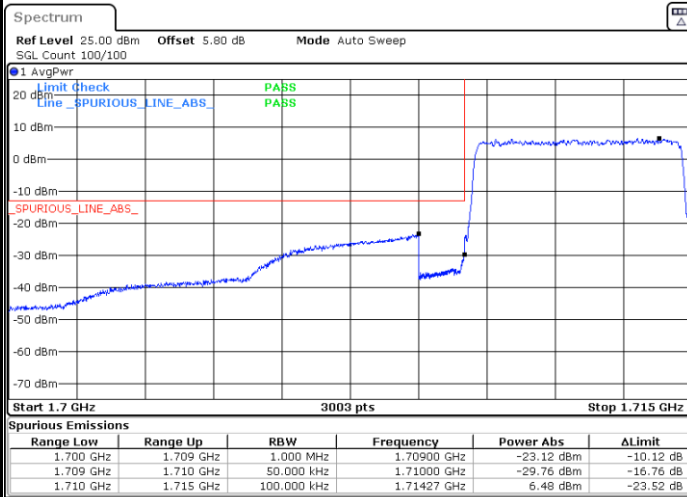
Date: 1.AUG.2023 15:54:02

Highest Band Edge / 1 RB



Date: 1.AUG.2023 16:08:49

Lowest Band Edge / Full RB



Date: 1.AUG.2023 15:59:22

Highest Band Edge / Full RB

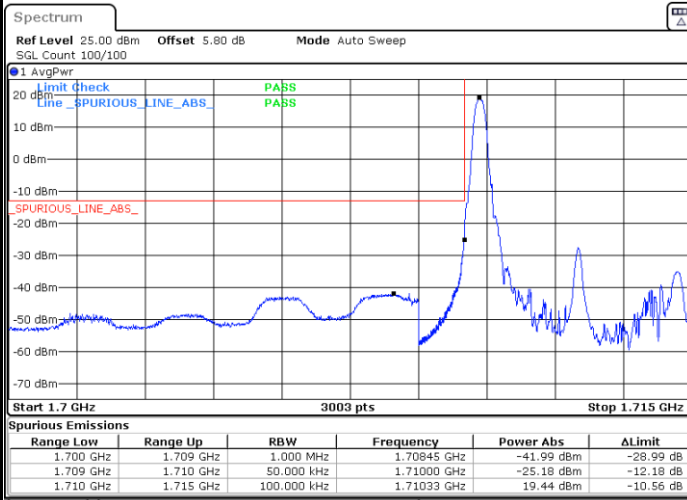


Date: 1.AUG.2023 16:14:10



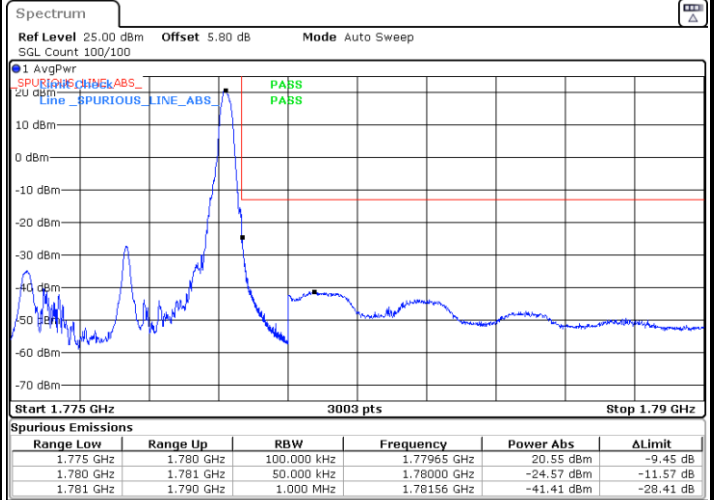
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1RB



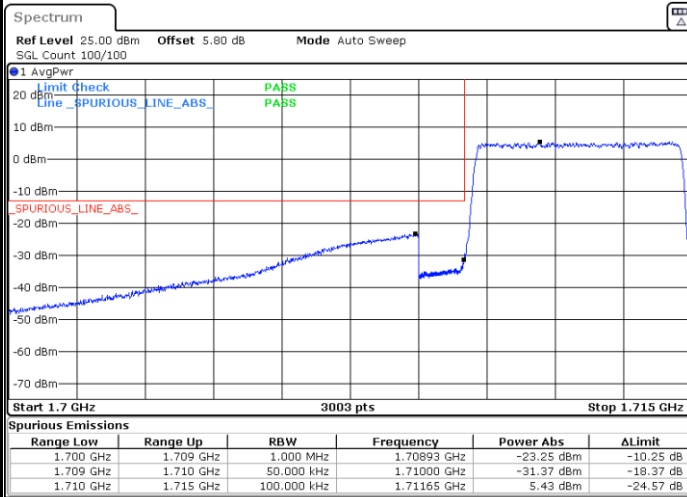
Date: 1.AUG.2023 15:55:22

Highest Band Edge / 1 RB



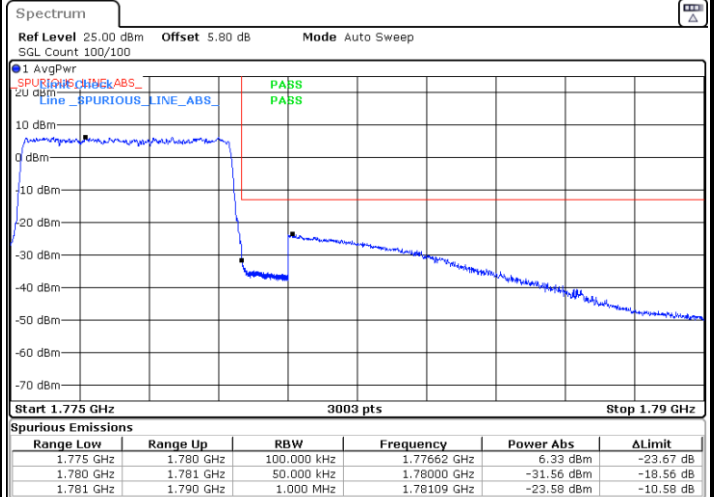
Date: 1.AUG.2023 16:10:10

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:00:42

Highest Band Edge / Full RB

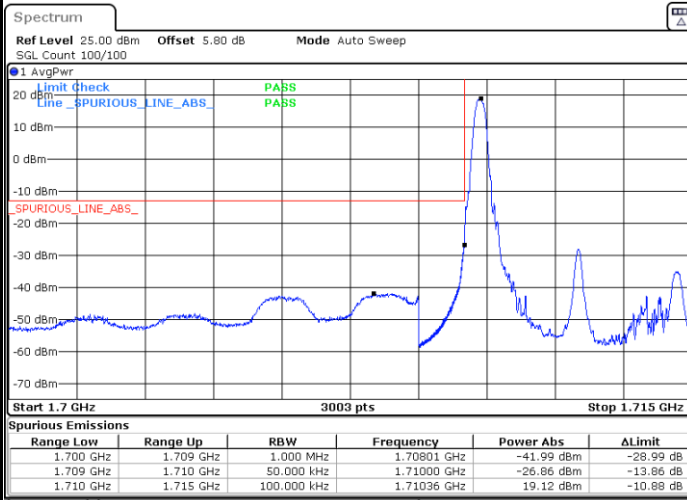


Date: 1.AUG.2023 16:15:30



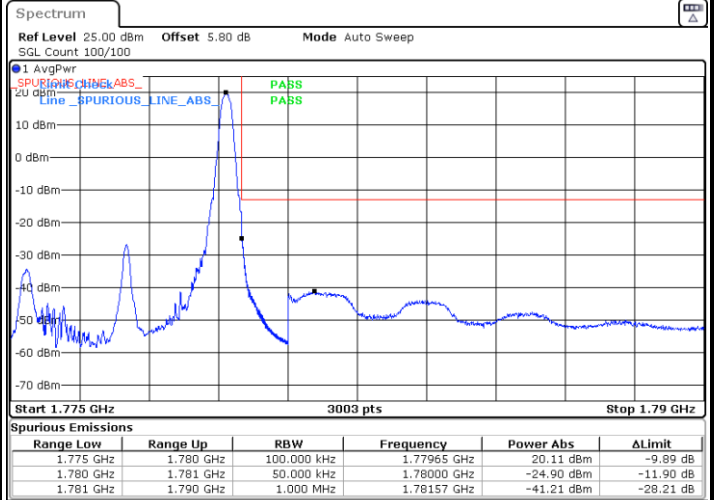
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1RB



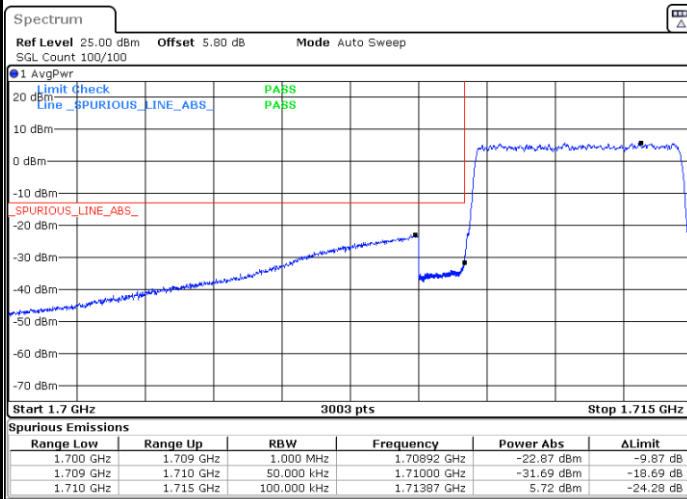
Date: 1.AUG.2023 15:56:42

Highest Band Edge / 1 RB



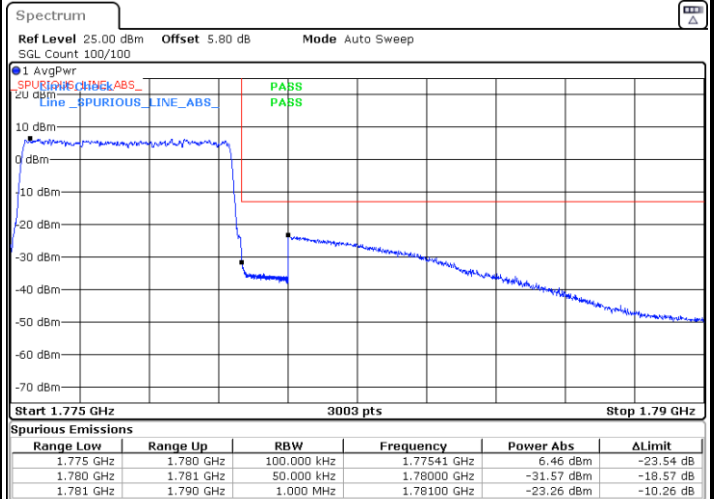
Date: 1.AUG.2023 16:11:30

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:02:01

Highest Band Edge / Full RB

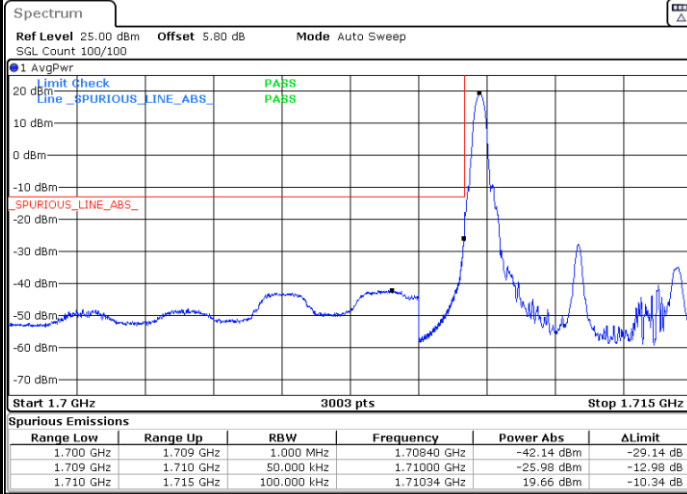


Date: 1.AUG.2023 16:16:49



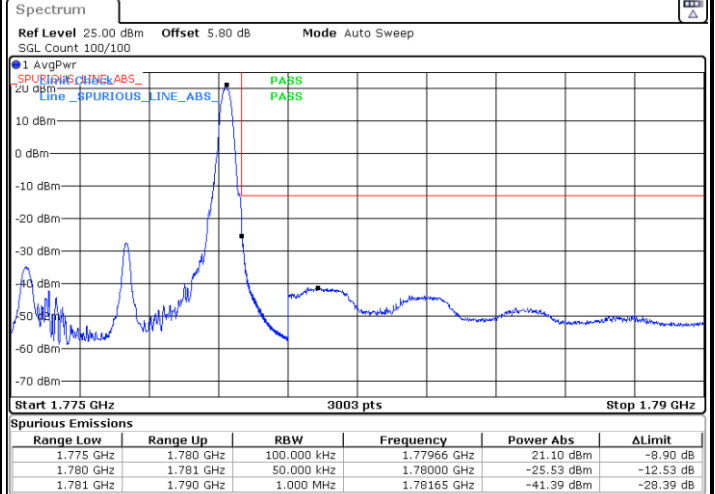
LTE Band 66 / 5MHz / 256QAM

Lowest Band Edge / 1RB



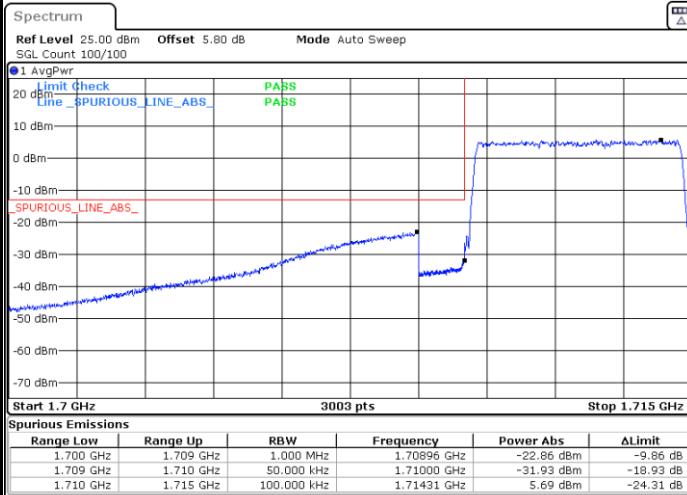
Date: 1.AUG.2023 15:58:02

Highest Band Edge / 1 RB



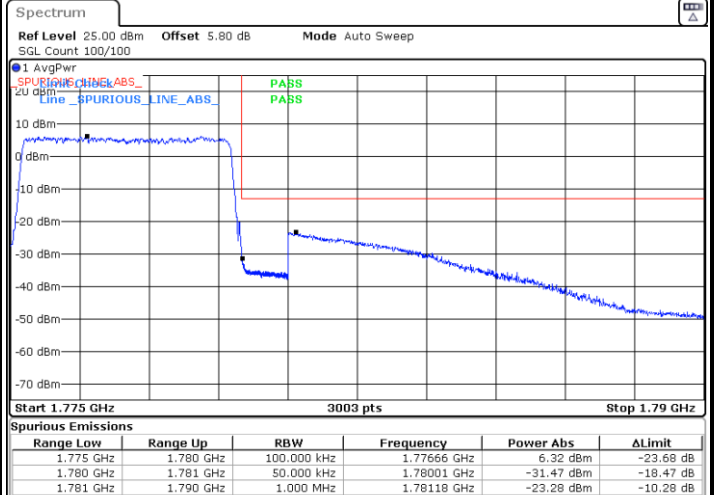
Date: 1.AUG.2023 16:12:50

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:03:22

Highest Band Edge / Full RB

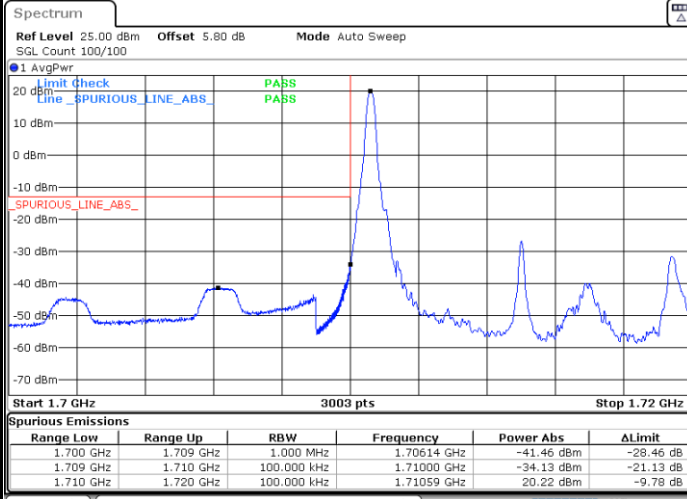


Date: 1.AUG.2023 16:18:10



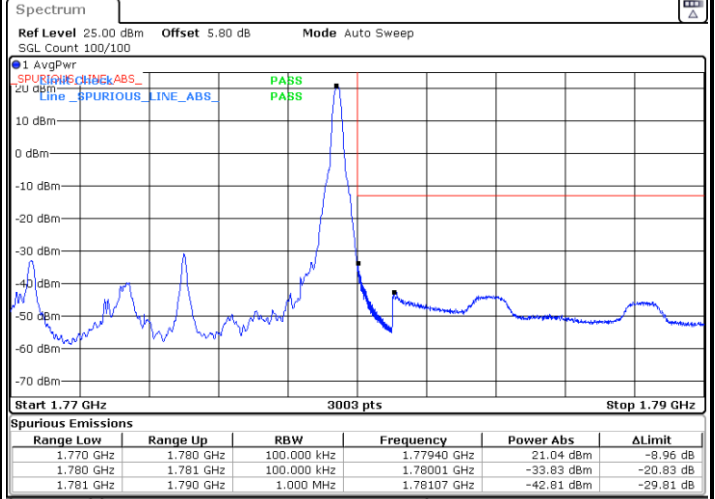
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1 RB



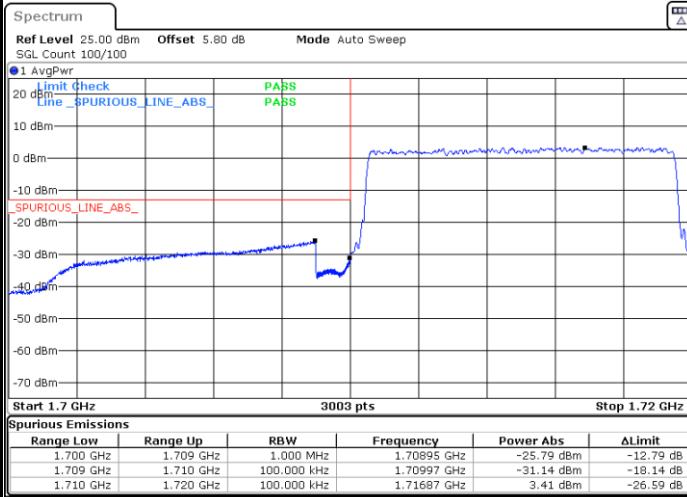
Date: 1.AUG.2023 16:20:50

Highest Band Edge / 1 RB



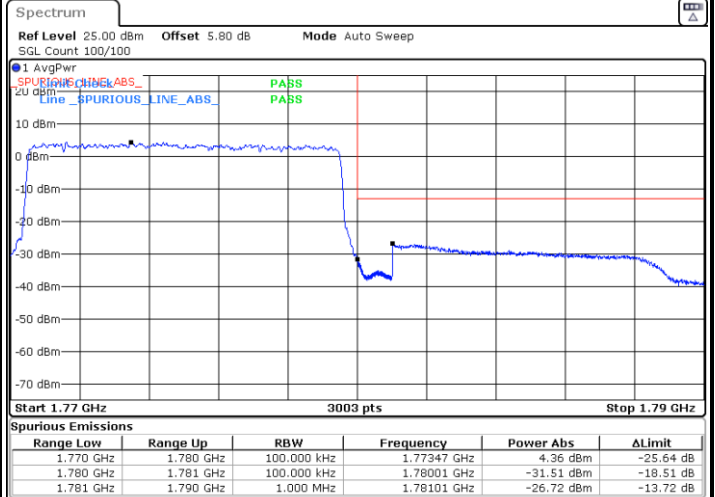
Date: 1.AUG.2023 16:36:45

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:27:17

Highest Band Edge / Full RB



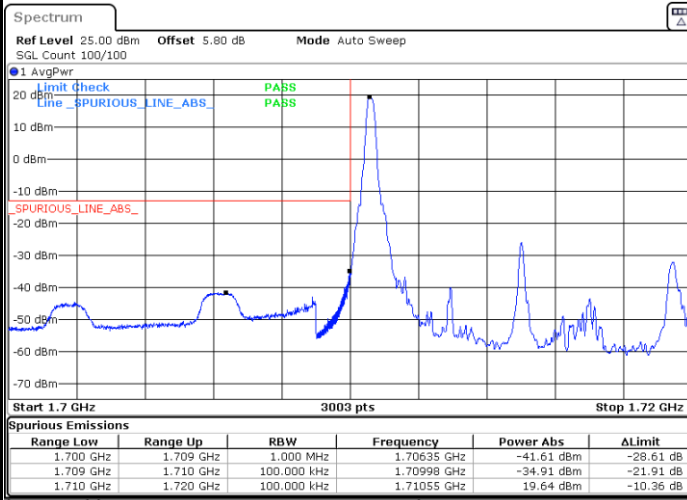
Date: 1.AUG.2023 16:42:06





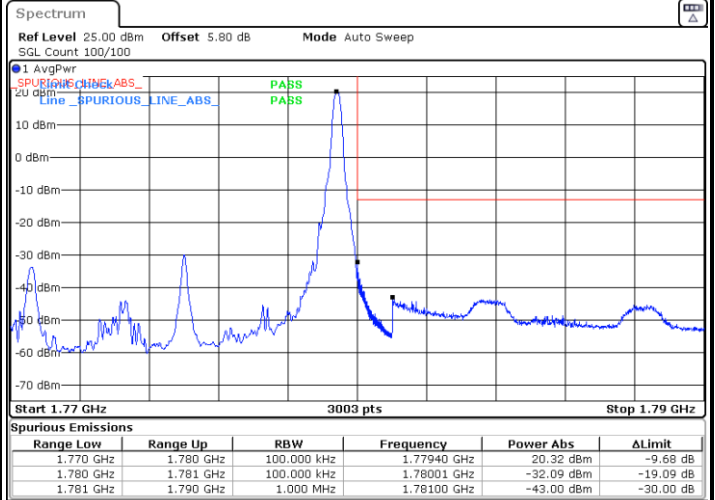
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



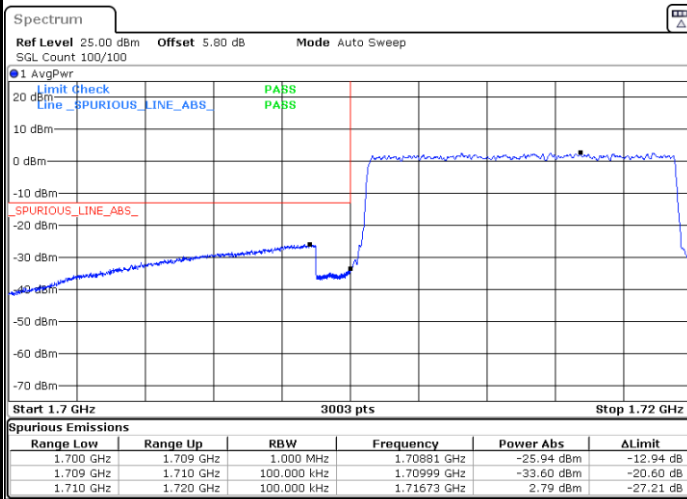
Date: 1.AUG.2023 16:22:10

Highest Band Edge / 1 RB



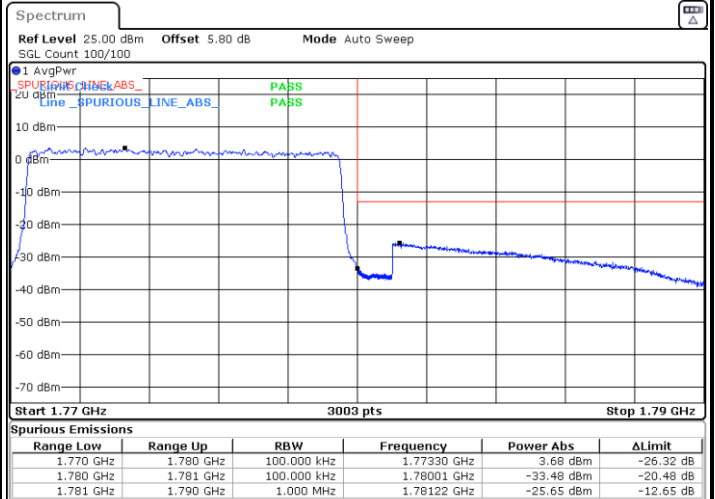
Date: 1.AUG.2023 16:38:05

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:28:37

Highest Band Edge / Full RB

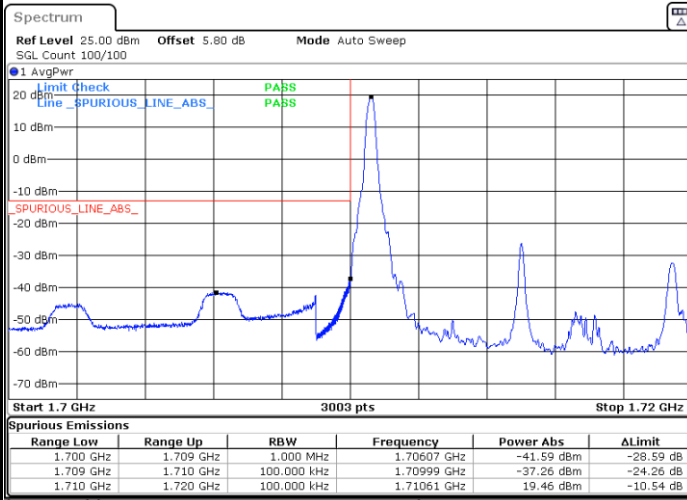


Date: 1.AUG.2023 16:43:27



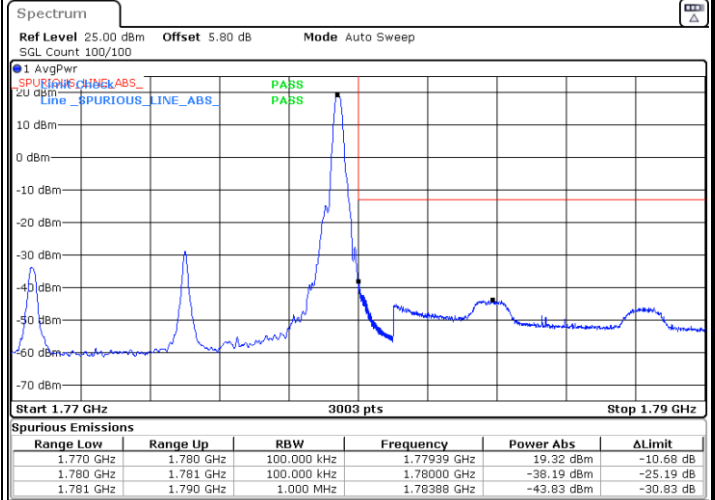
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



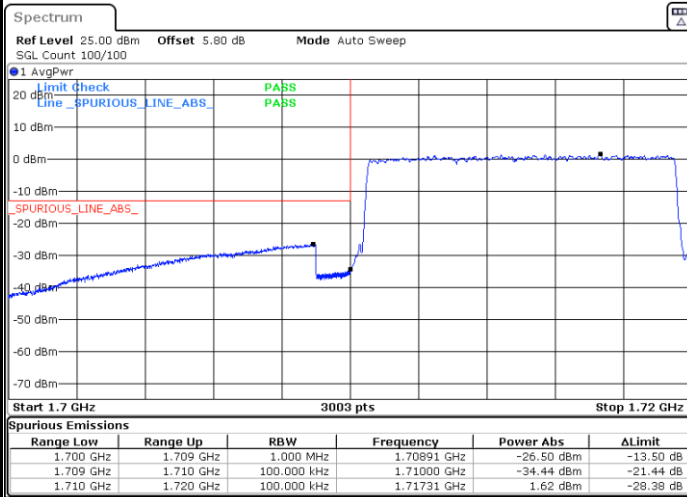
Date: 1.AUG.2023 16:23:30

Highest Band Edge / 1 RB



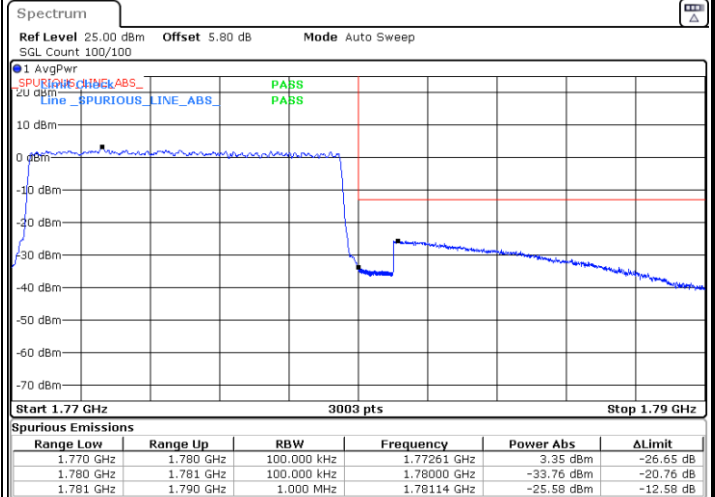
Date: 1.AUG.2023 16:39:26

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:29:57

Highest Band Edge / Full RB

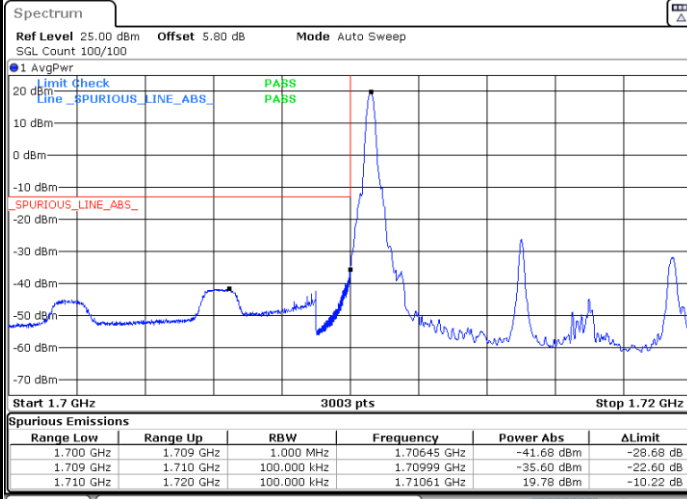


Date: 1.AUG.2023 16:44:47



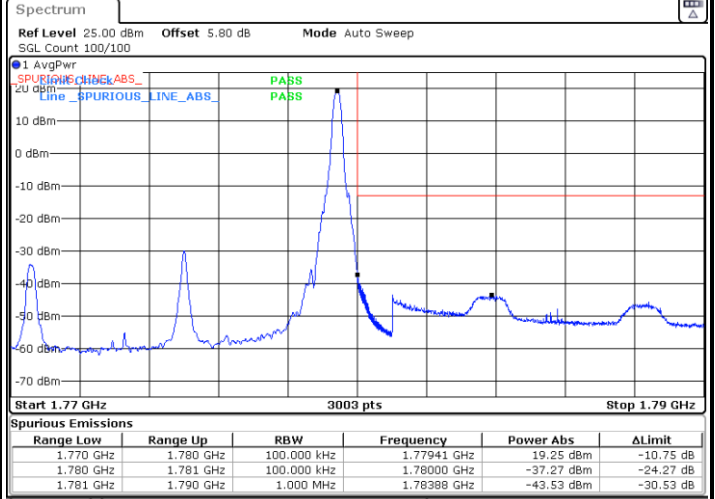
LTE Band 66 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



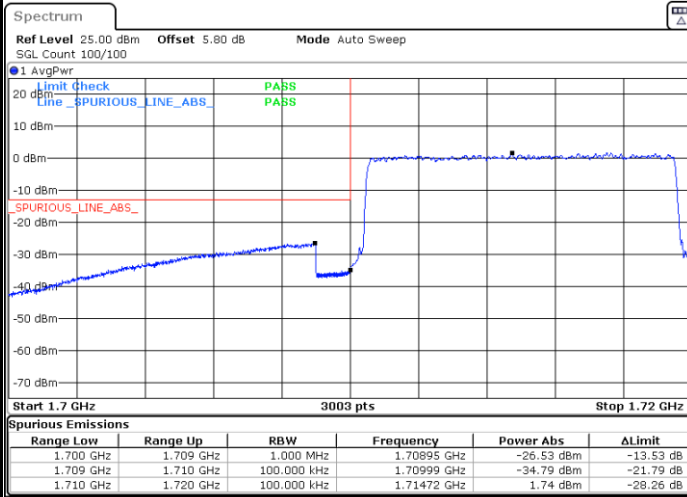
Date: 1.AUG.2023 16:24:51

Highest Band Edge / 1 RB



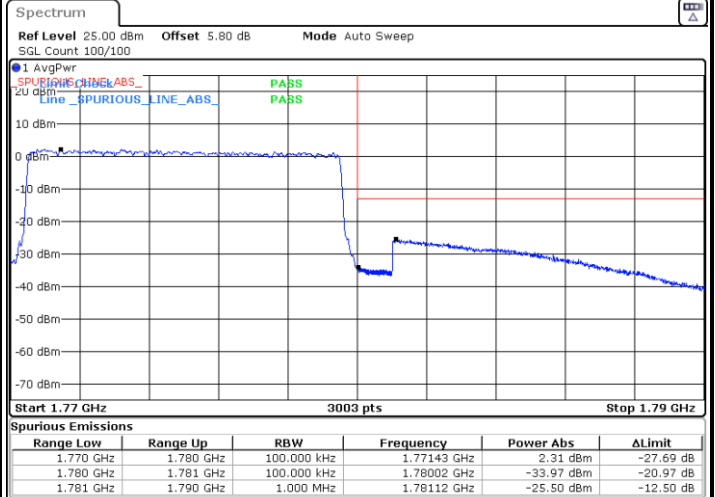
Date: 1.AUG.2023 16:40:46

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:31:18

Highest Band Edge / Full RB

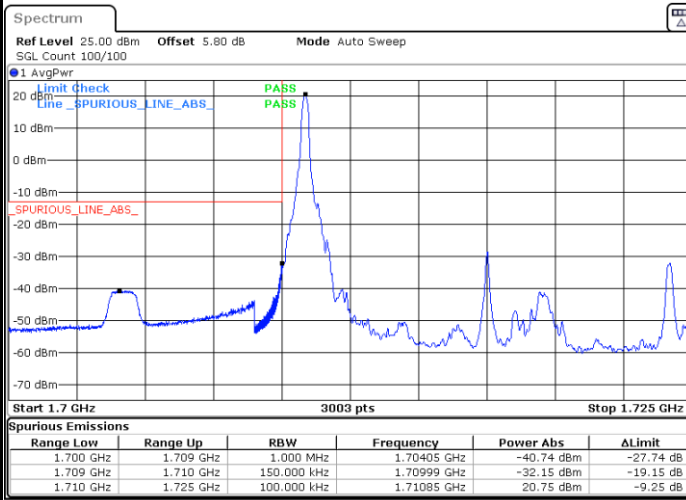


Date: 1.AUG.2023 16:46:07



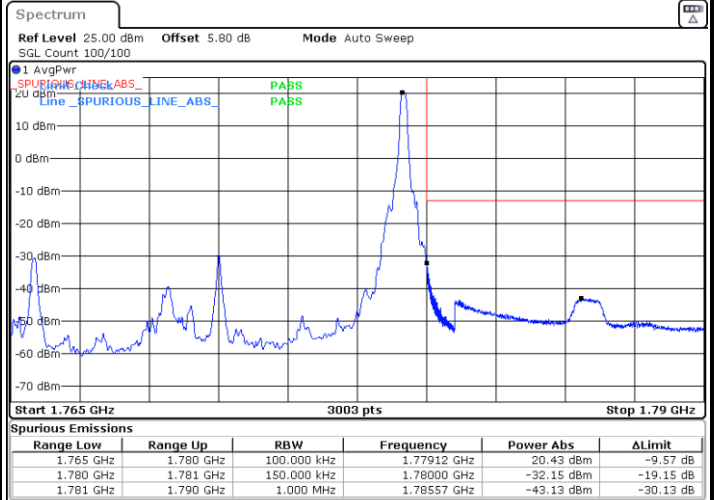
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1 RB



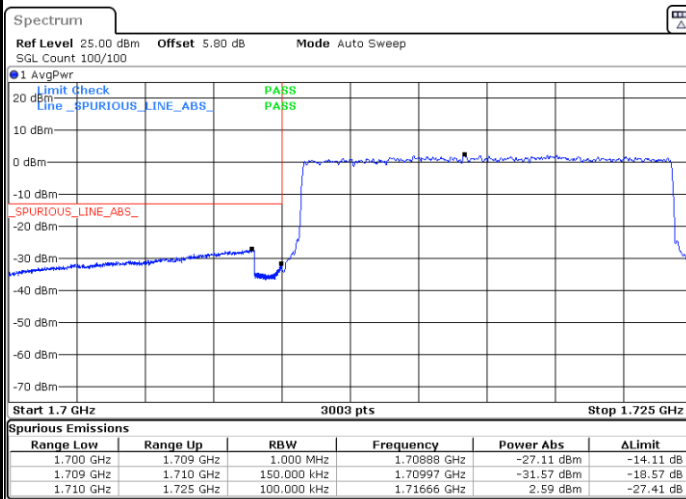
Date: 1.AUG.2023 16:48:48

Highest Band Edge / 1 RB



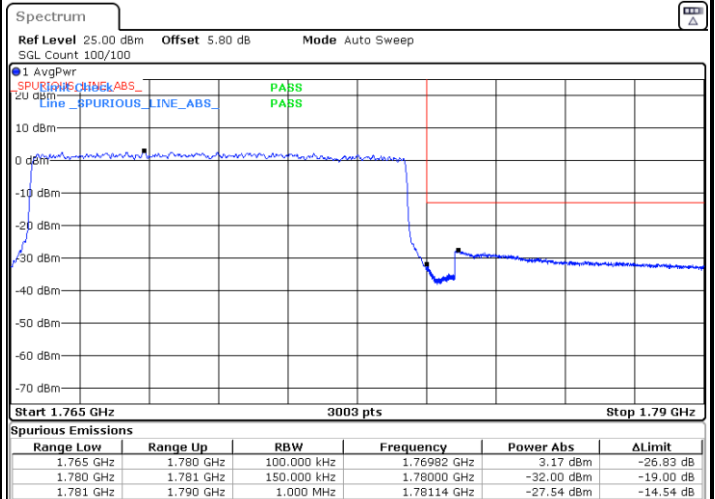
Date: 1.AUG.2023 17:03:44

Lowest Band Edge / Full RB



Date: 1.AUG.2023 16:54:15

Highest Band Edge / Full RB



Date: 1.AUG.2023 17:09:04