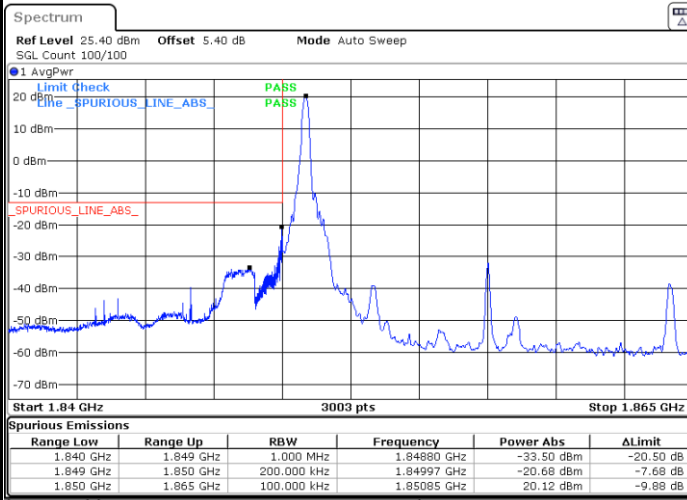




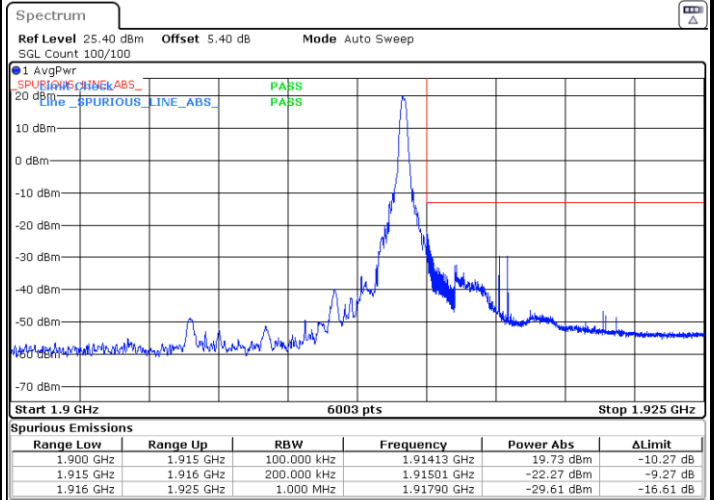
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



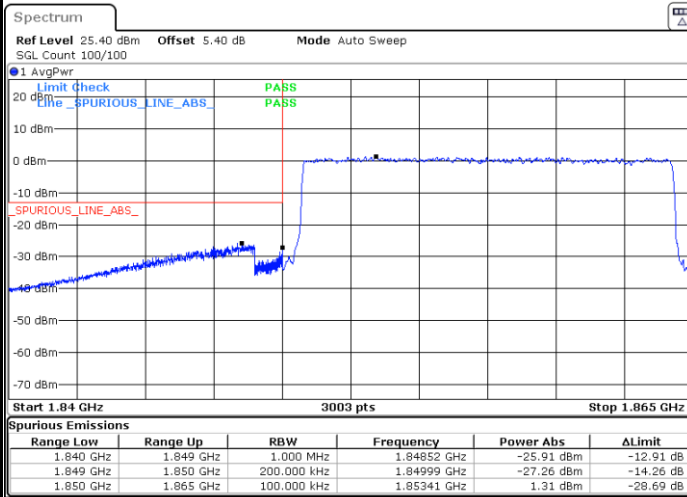
Date: 3.DEC.2024 06:19:27

Highest Band Edge / 1 RB



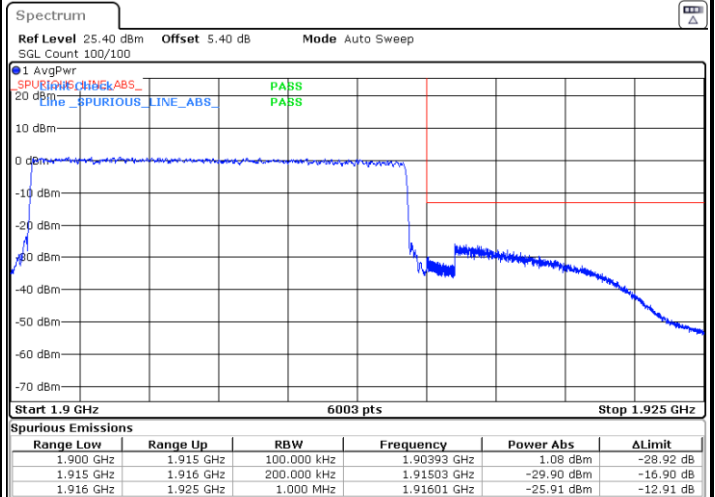
Date: 3.DEC.2024 06:30:04

Lowest Band Edge / Full RB



Date: 3.DEC.2024 05:35:47

Highest Band Edge / Full RB

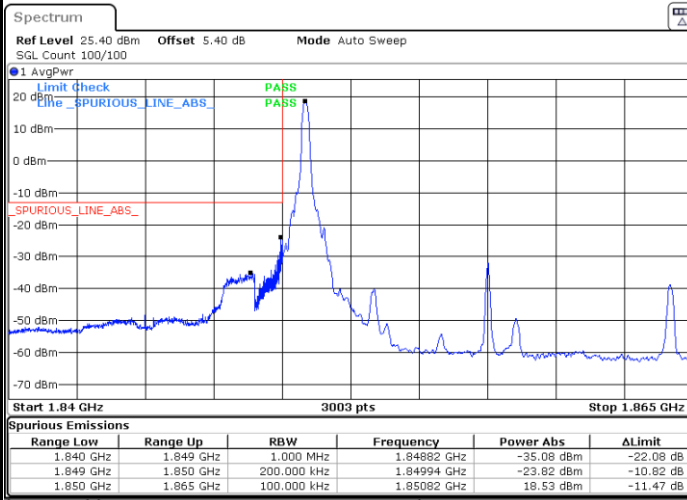


Date: 3.DEC.2024 06:23:43



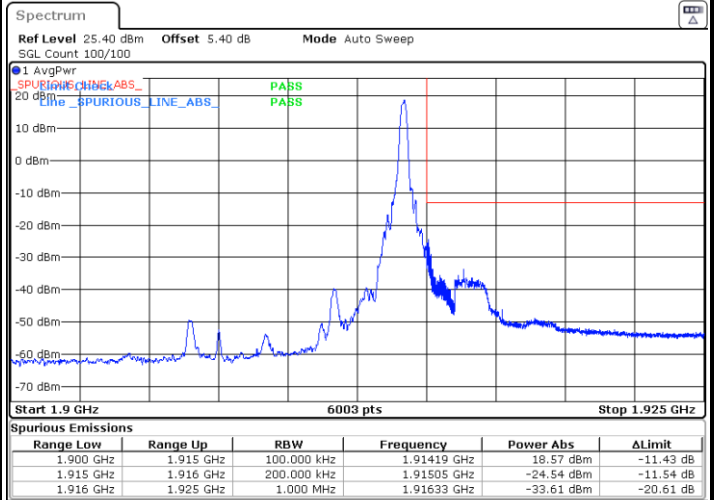
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



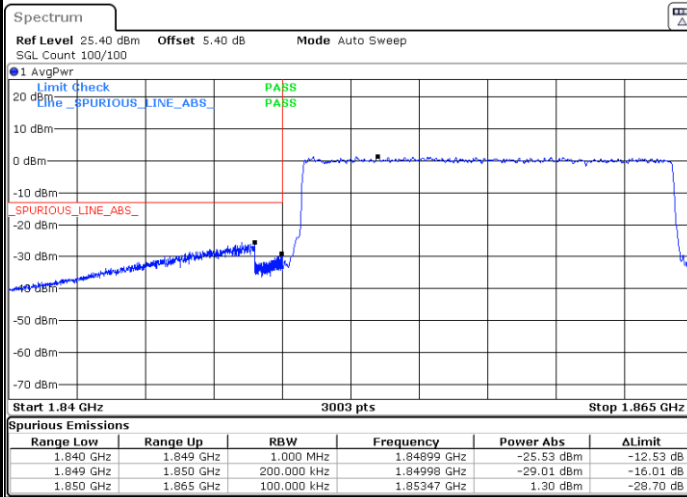
Date: 3.DEC.2024 06:20:01

Highest Band Edge / 1 RB



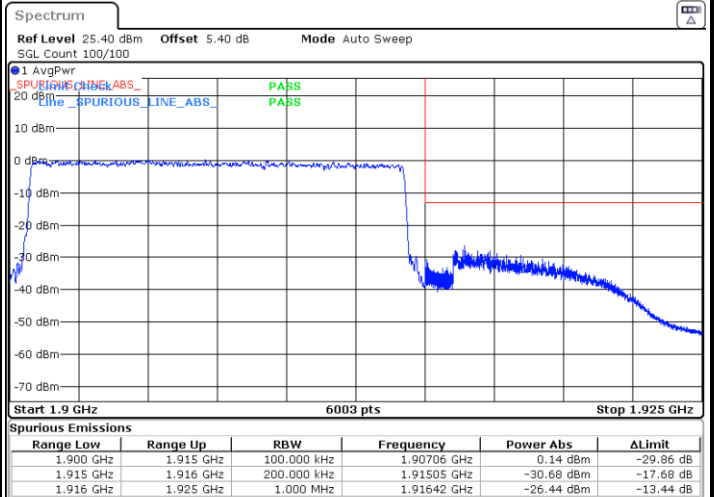
Date: 3.DEC.2024 06:30:39

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:16:15

Highest Band Edge / Full RB

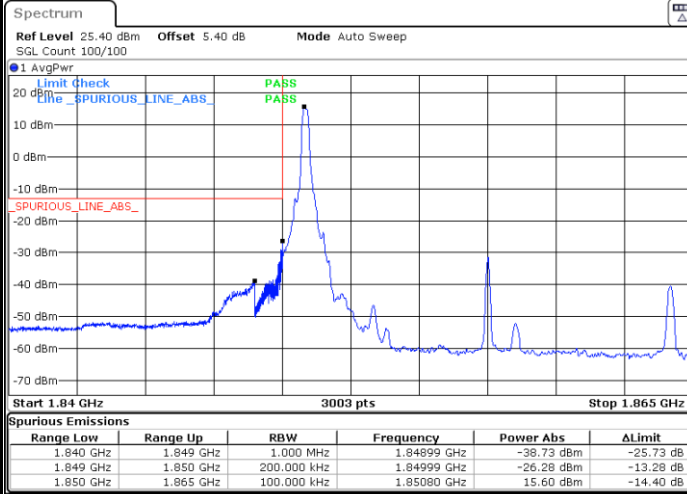


Date: 3.DEC.2024 06:24:18



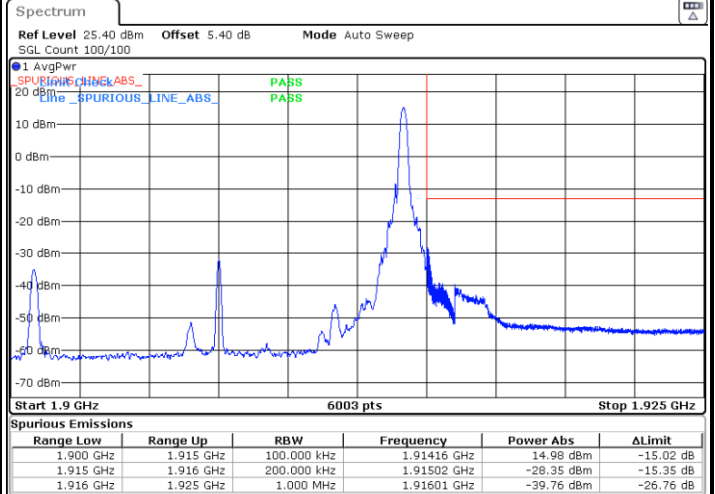
LTE Band 25 / 15MHz /256QAM

Lowest Band Edge / 1 RB



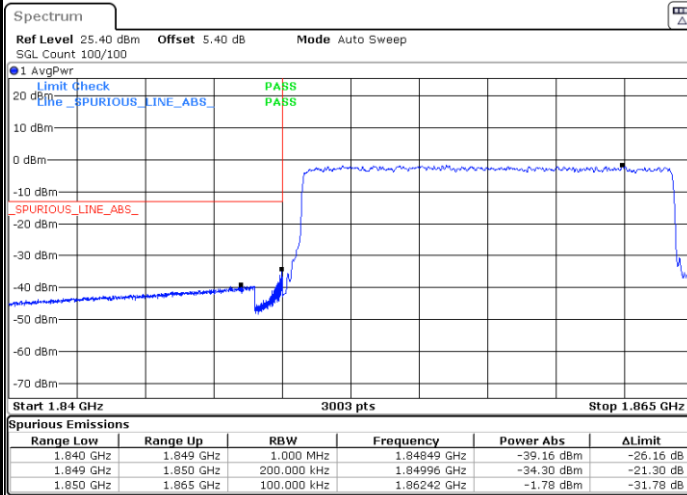
Date: 3.DEC.2024 06:20:36

Highest Band Edge / 1 RB



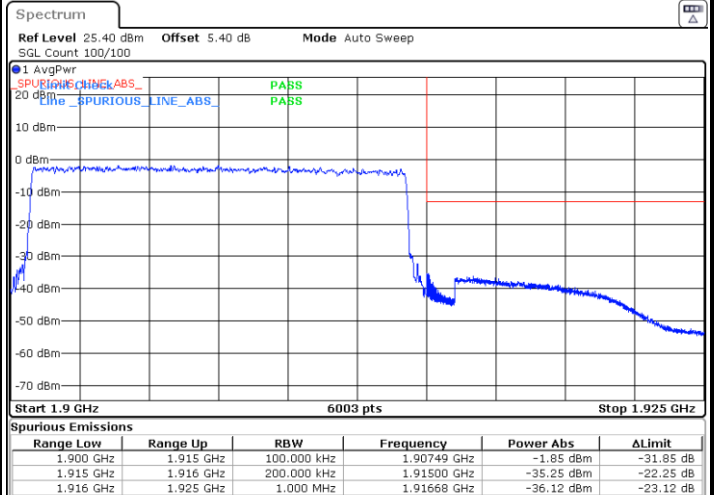
Date: 3.DEC.2024 06:31:14

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:17:18

Highest Band Edge / Full RB

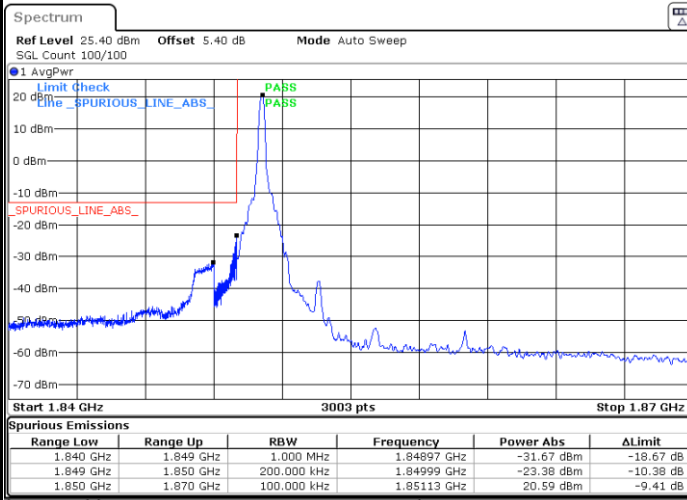


Date: 3.DEC.2024 06:24:53



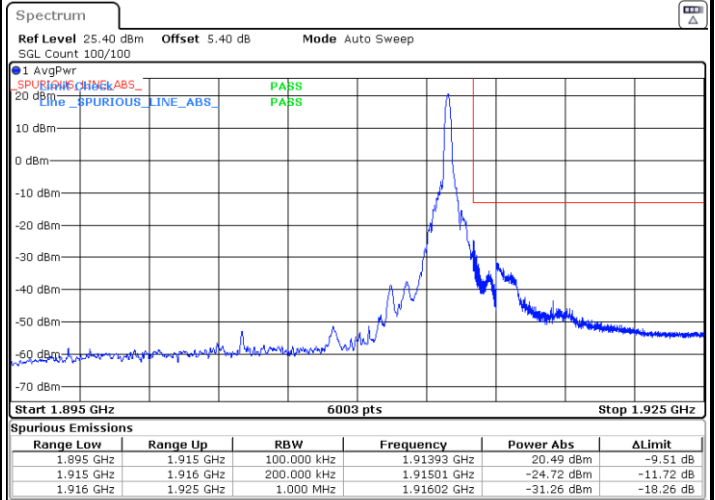
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



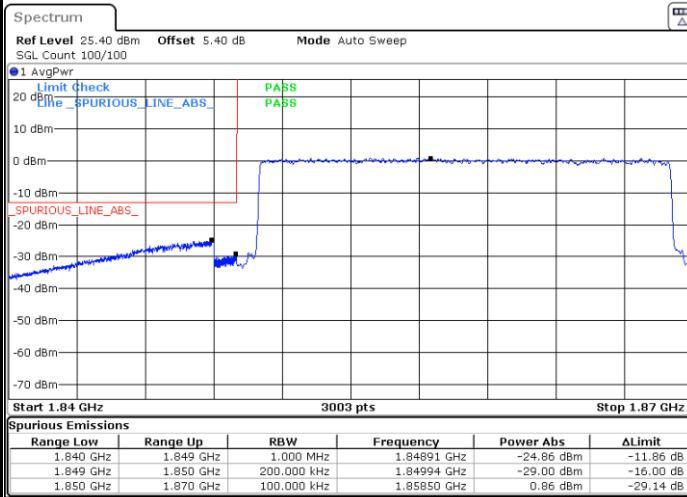
Date: 3.DEC.2024 06:35:07

Highest Band Edge / 1 RB



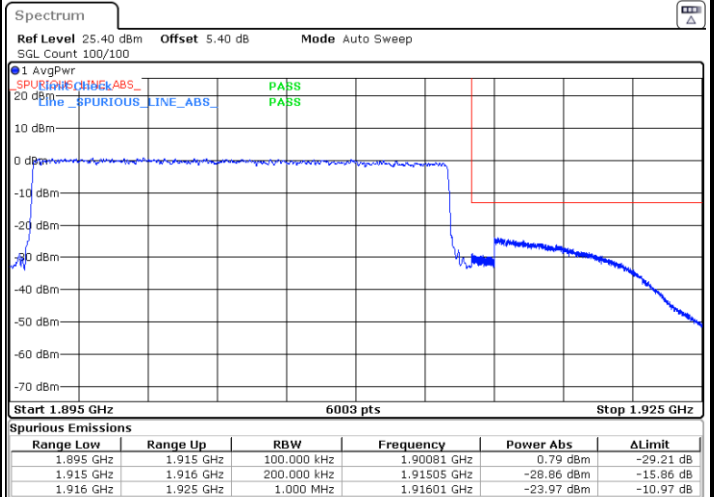
Date: 3.DEC.2024 07:11:16

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:31:49

Highest Band Edge / Full RB

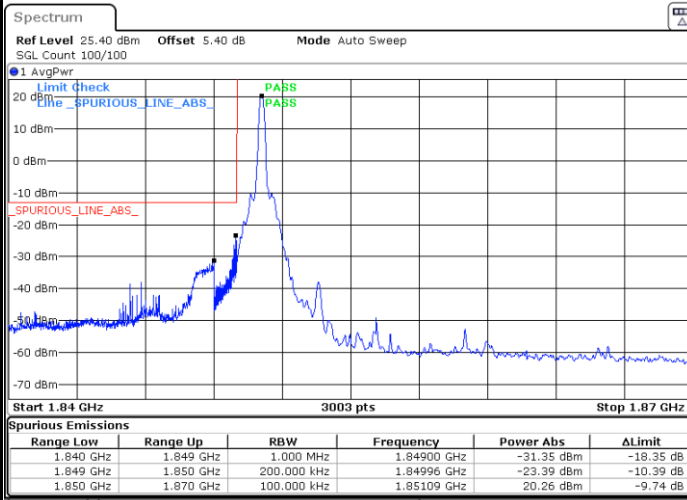


Date: 3.DEC.2024 07:08:58



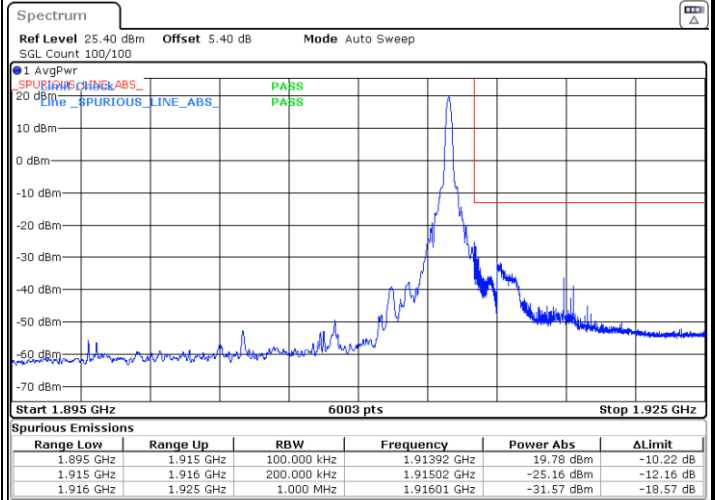
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



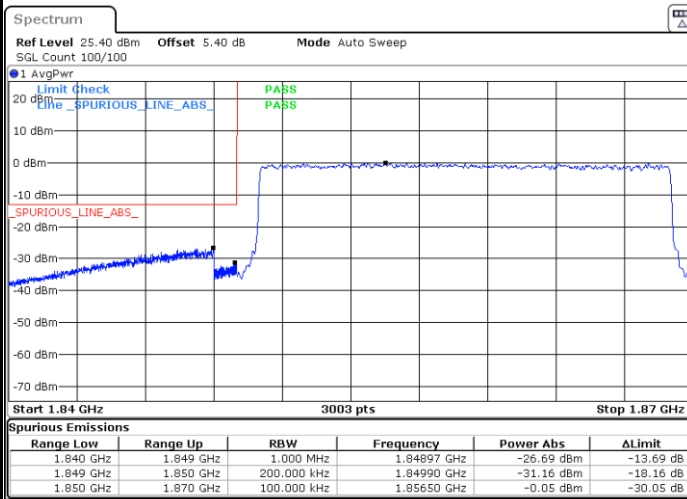
Date: 3.DEC.2024 06:35:42

Highest Band Edge / 1 RB



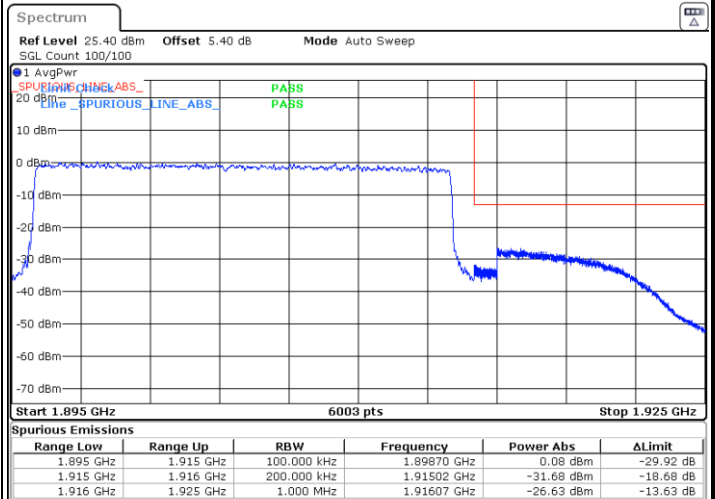
Date: 3.DEC.2024 07:11:50

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:32:24

Highest Band Edge / Full RB

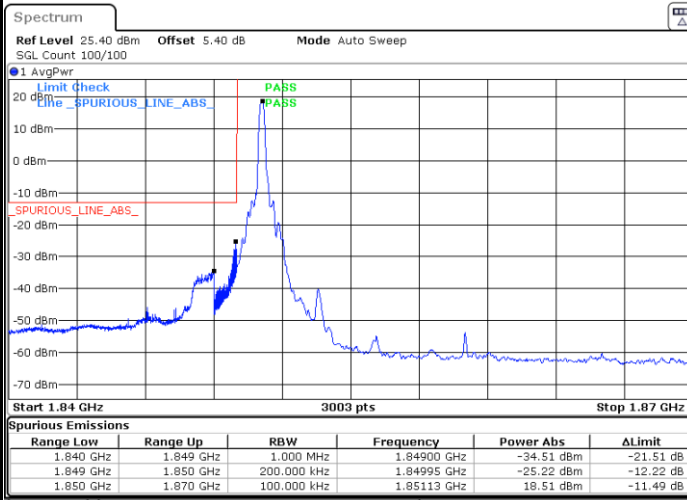


Date: 3.DEC.2024 07:09:32



LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



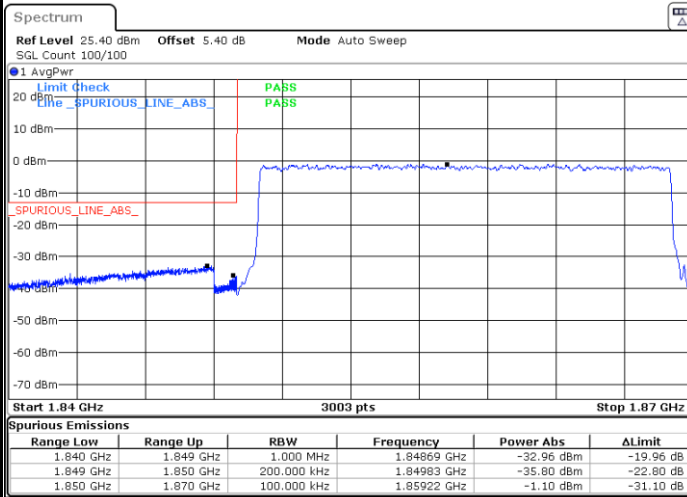
Date: 3.DEC.2024 06:36:16

Highest Band Edge / 1 RB



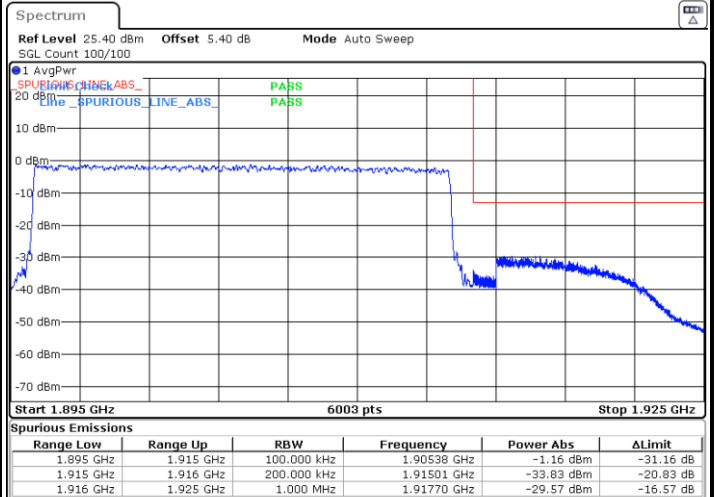
Date: 3.DEC.2024 07:12:24

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:32:58

Highest Band Edge / Full RB

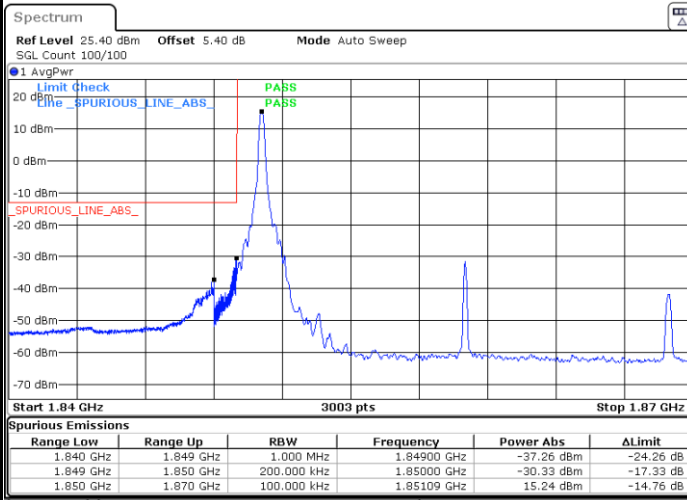


Date: 3.DEC.2024 07:10:06



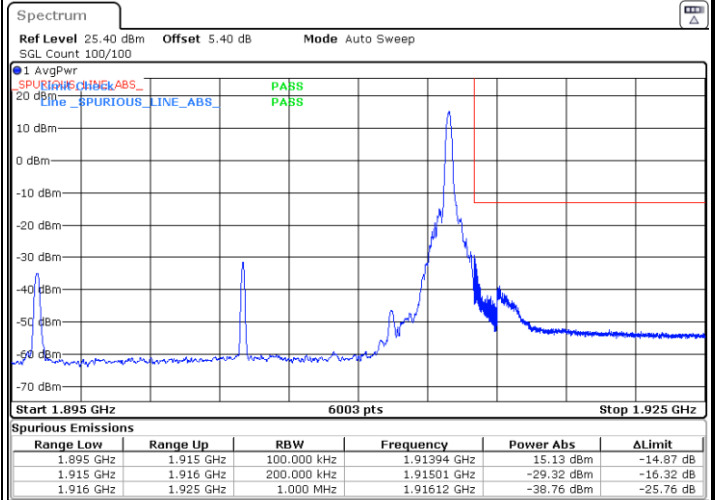
LTE Band 25 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



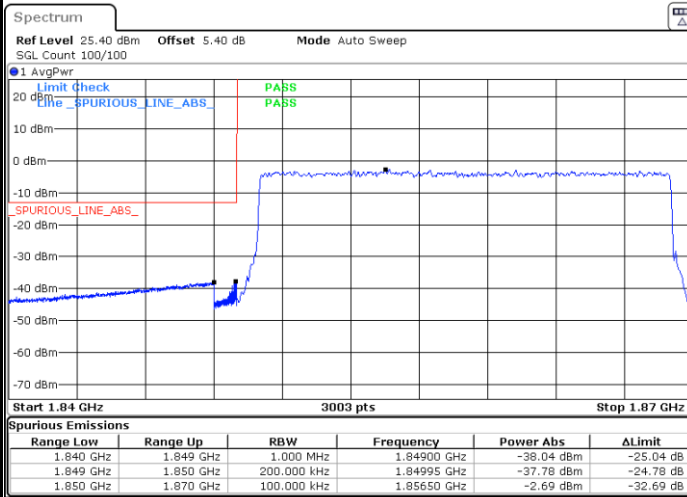
Date: 3.DEC.2024 06:36:51

Highest Band Edge / 1 RB



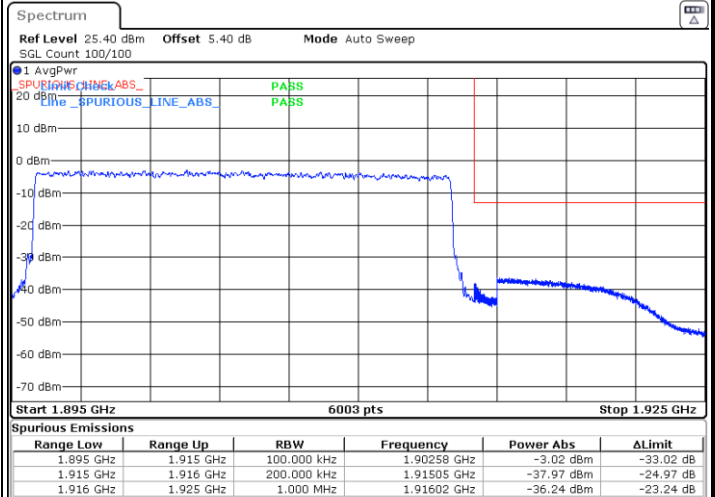
Date: 3.DEC.2024 07:12:59

Lowest Band Edge / Full RB



Date: 3.DEC.2024 06:33:33

Highest Band Edge / Full RB



Date: 3.DEC.2024 07:10:41

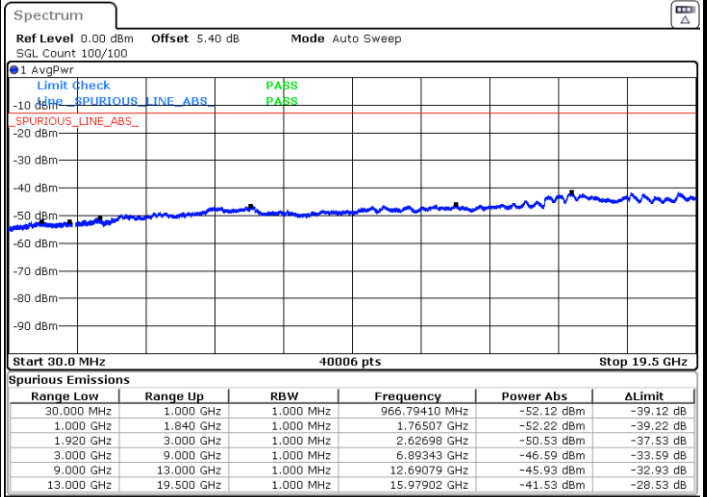
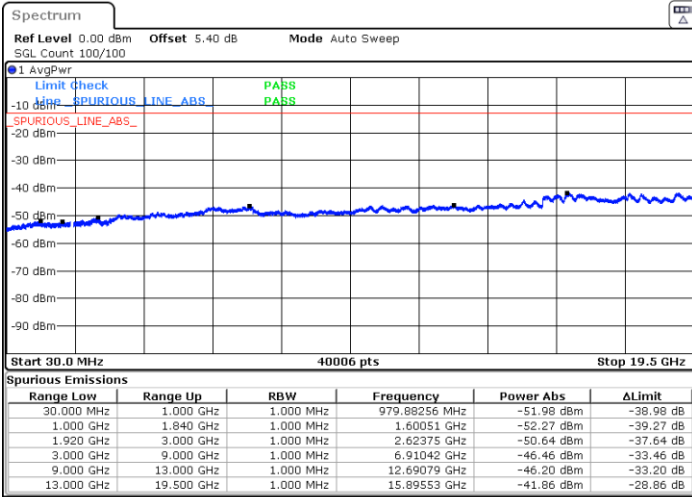


# Conducted Spurious Emission

## LTE Band 25 / 1.4MHz

### Lowest Channel / QPSK

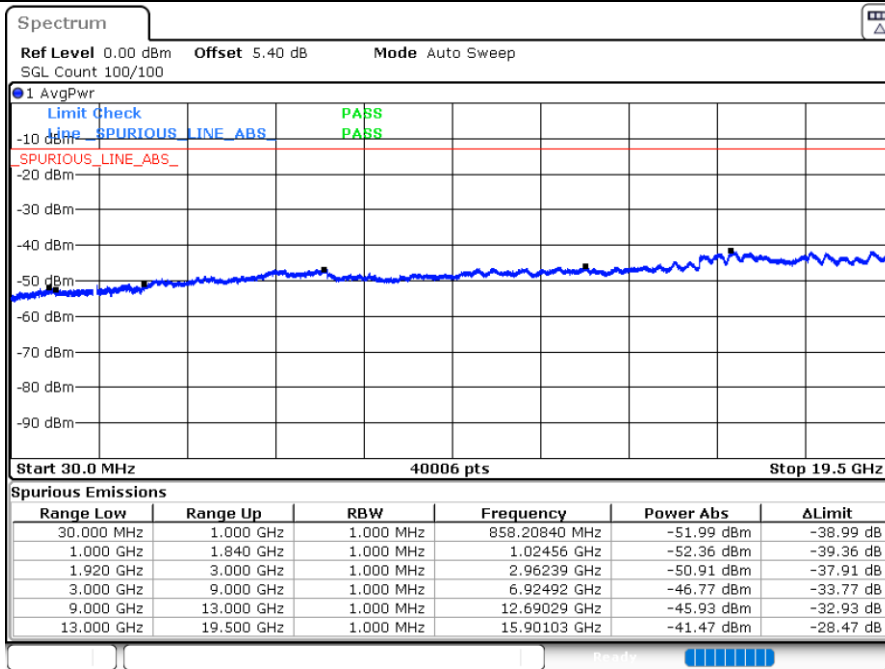
### Middle Channel / QPSK



Date: 3.DEC.2024 03:38:04

Date: 3.DEC.2024 04:24:07

### Highest Channel / QPSK



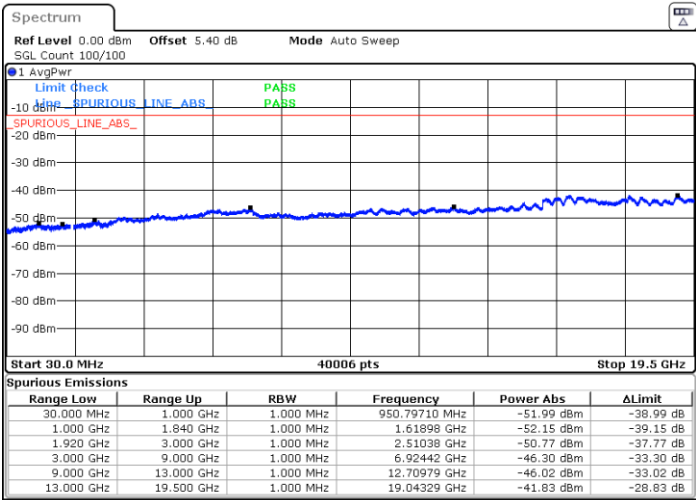
Date: 3.DEC.2024 04:25:31



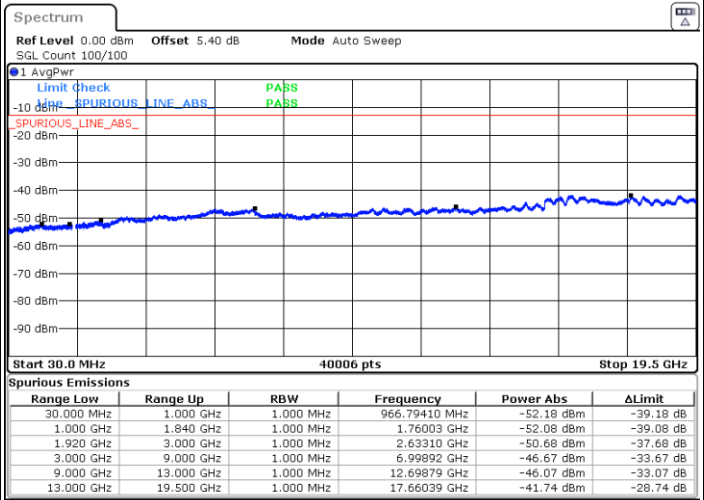
LTE Band 25 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

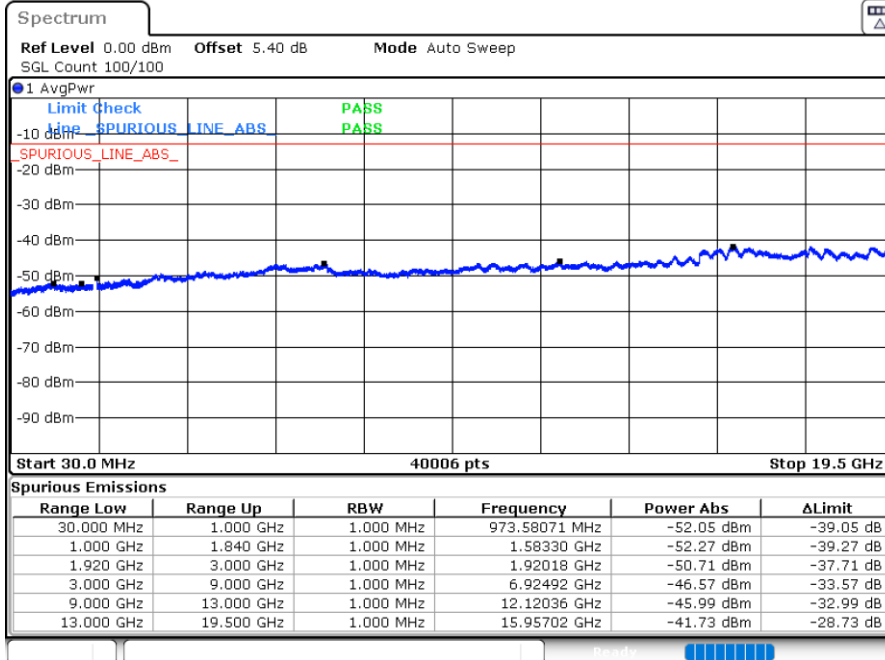


Date: 3.DEC.2024 04:38:39



Date: 3.DEC.2024 04:42:22

Highest Channel / QPSK



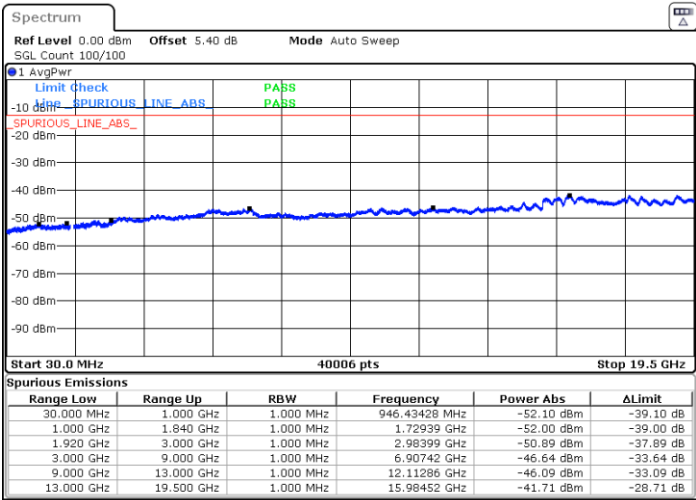
Date: 3.DEC.2024 04:43:46



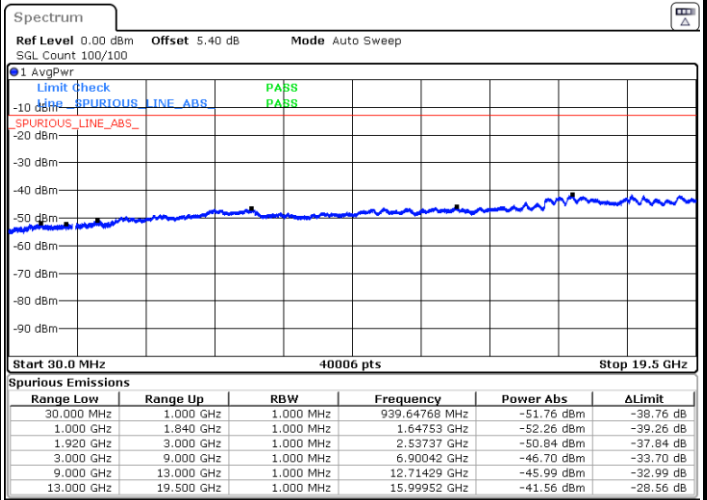
LTE Band 25 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

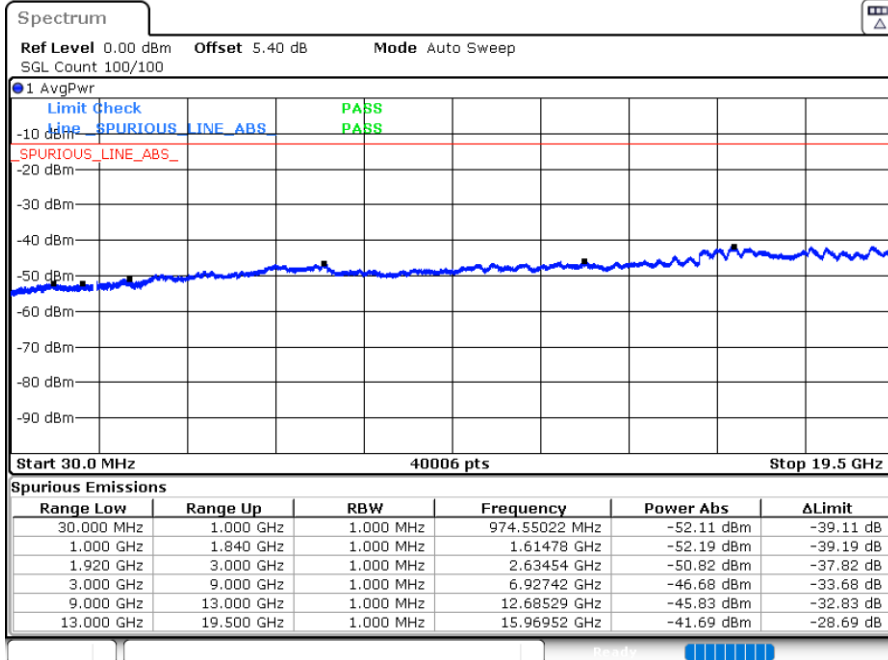


Date: 3.DEC.2024 05:01:23



Date: 3.DEC.2024 05:09:05

Highest Channel / QPSK



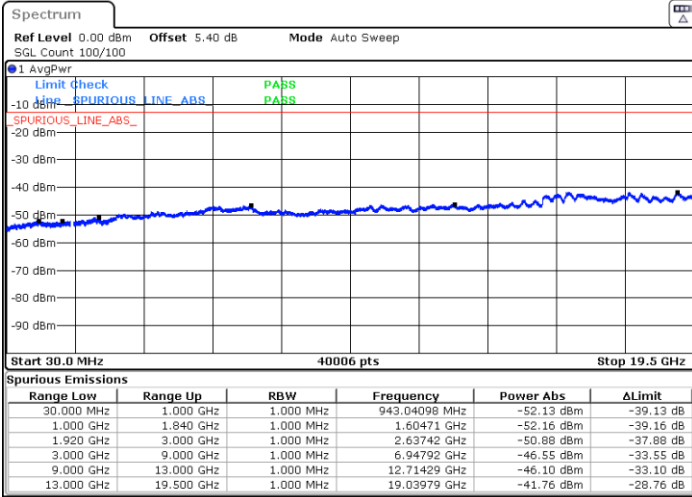
Date: 3.DEC.2024 05:10:04



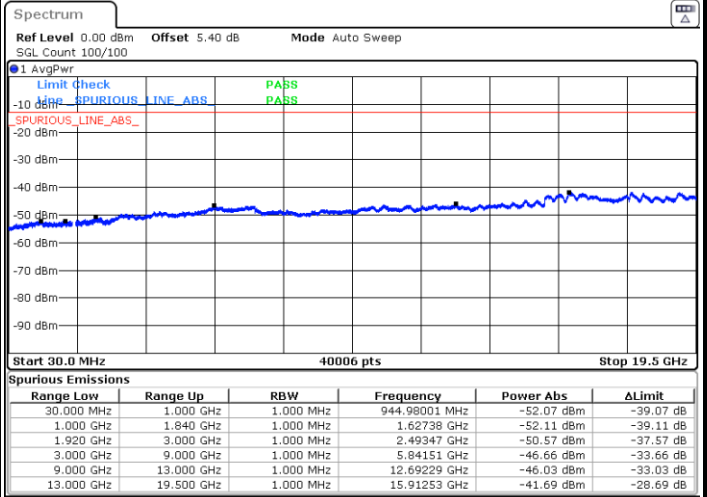
LTE Band 25 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK

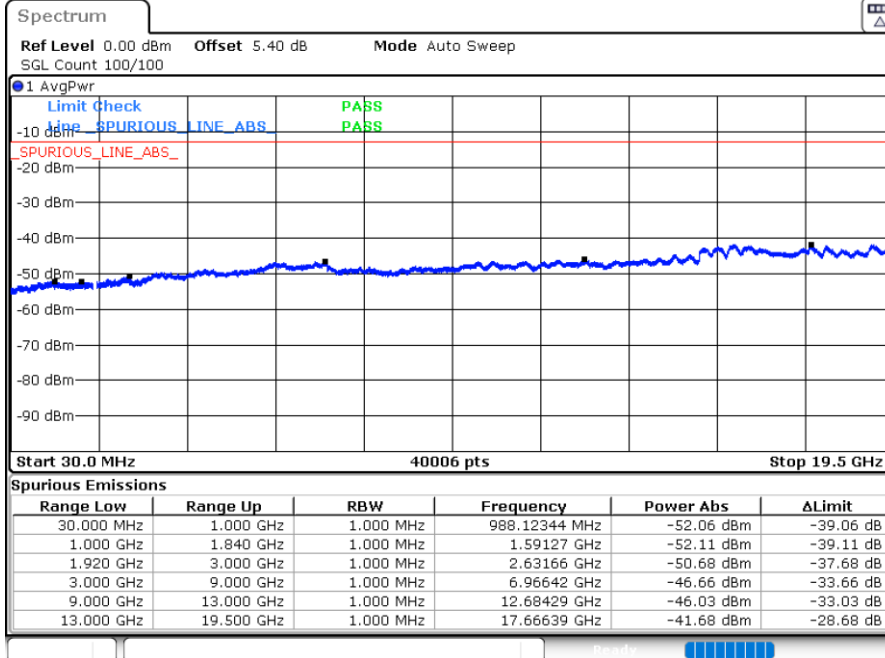


Date: 3.DEC.2024 05:26:18



Date: 3.DEC.2024 05:29:00

Highest Channel / QPSK



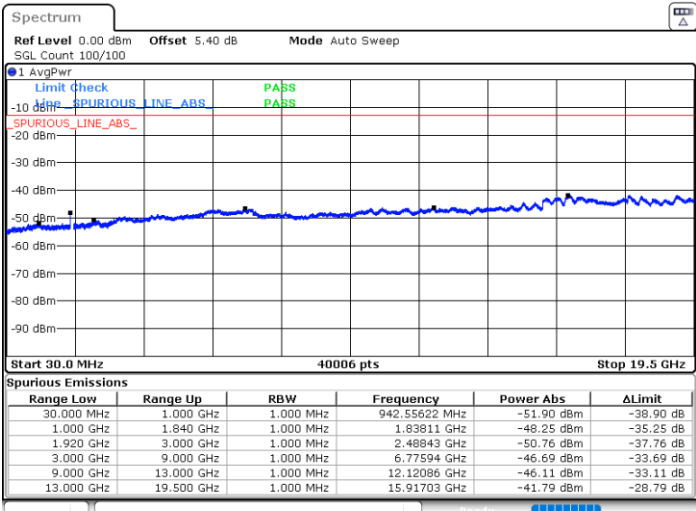
Date: 3.DEC.2024 05:30:00



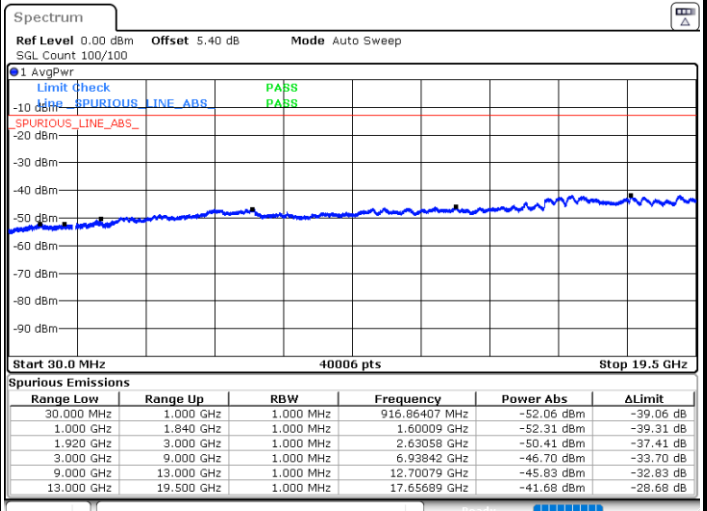
LTE Band 25 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK

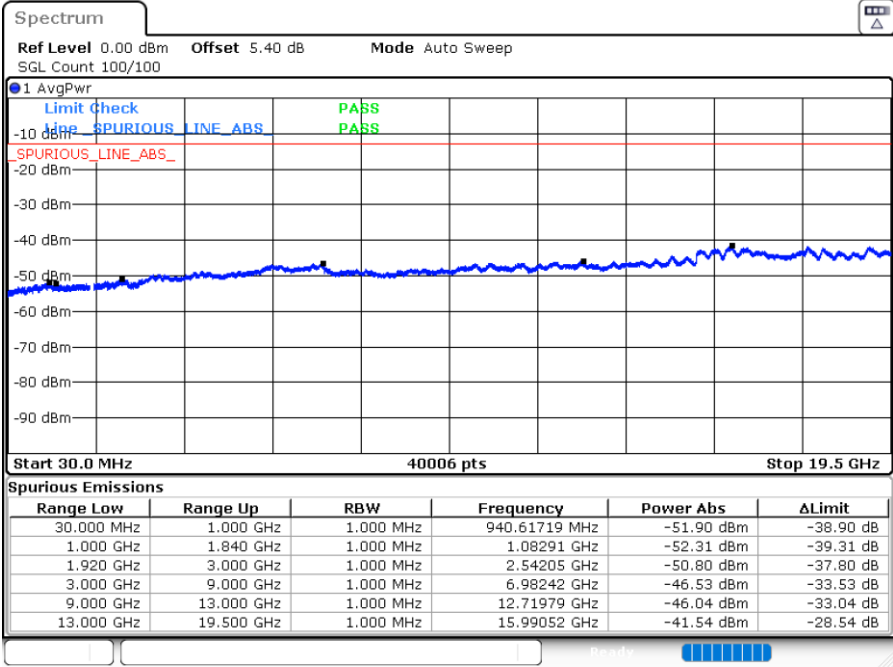


Date: 3.DEC.2024 06:18:18



Date: 3.DEC.2024 06:21:35

Highest Channel / QPSK



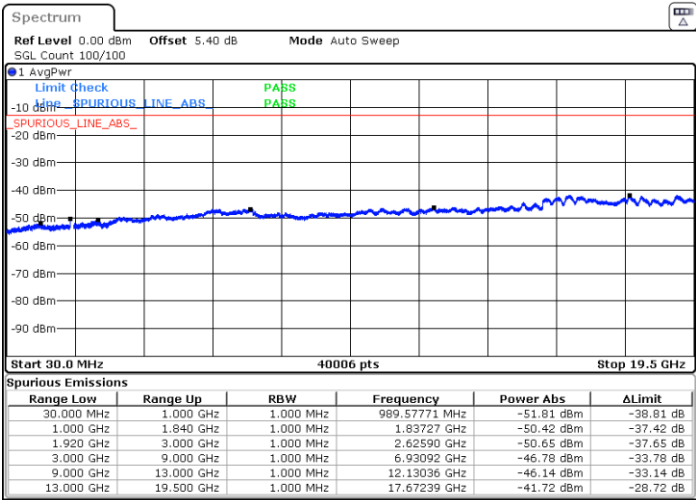
Date: 3.DEC.2024 06:22:34



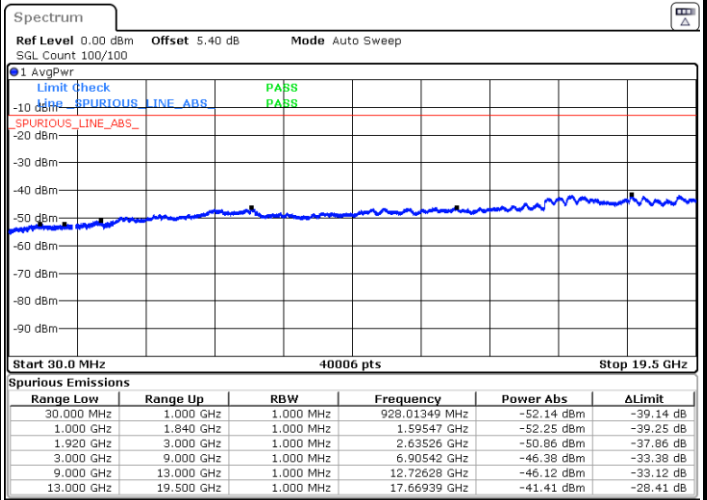
LTE Band 25 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

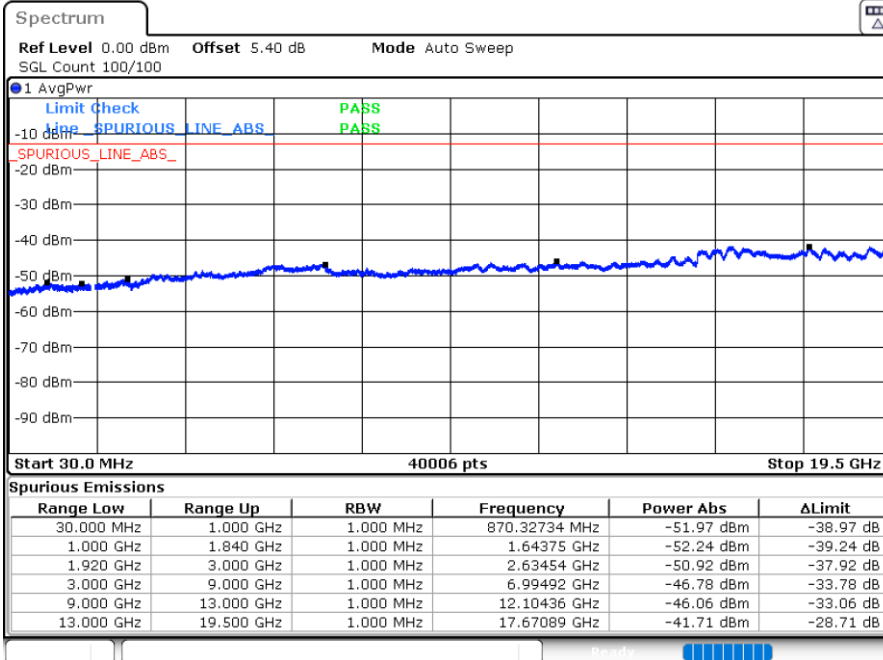


Date: 3.DEC.2024 06:34:32



Date: 3.DEC.2024 06:37:51

Highest Channel / QPSK



Date: 3.DEC.2024 07:08:23



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0032	PASS
40	Normal Voltage	0.0033	
30	Normal Voltage	0.0015	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0035	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0025	
-20	Normal Voltage	0.0029	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0018	

Note:

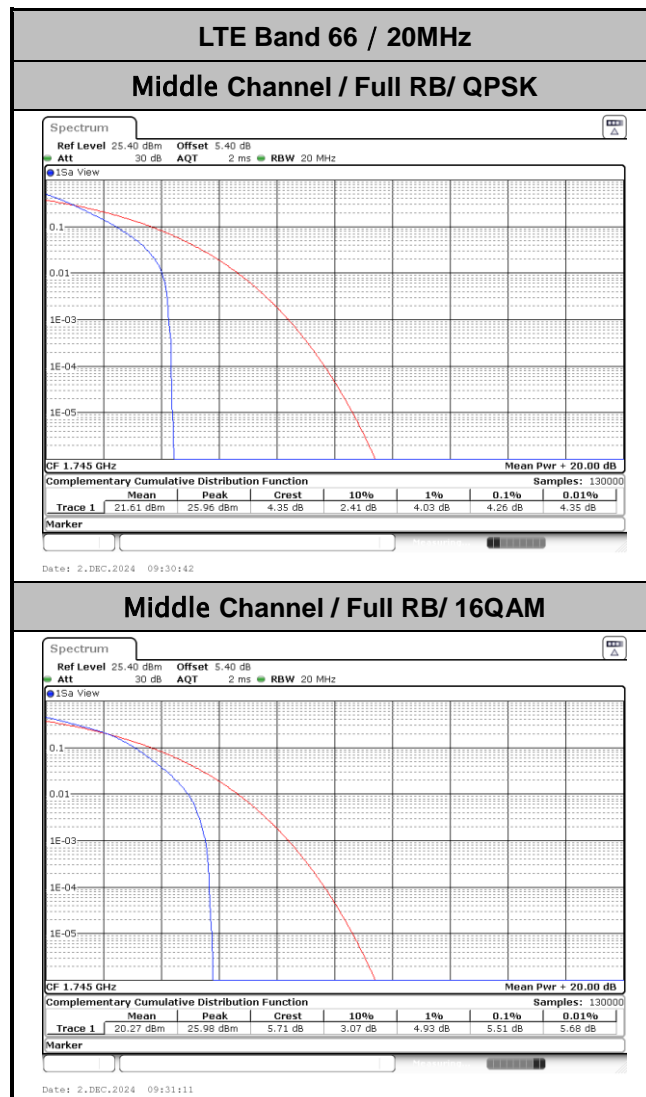
1. Normal Voltage =3.86 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

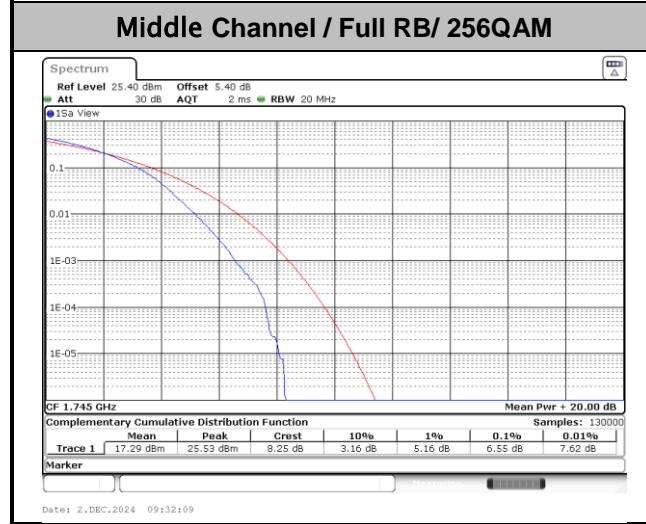
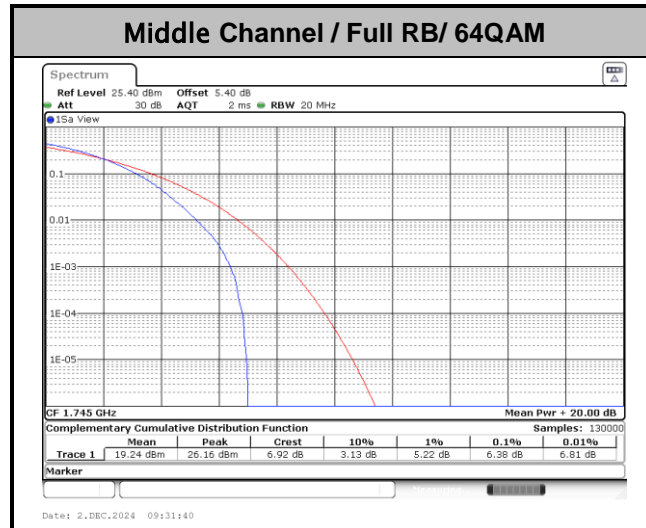


# LTE Band 66(Main PA)

## 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	4.26	5.51	6.38	6.55	PASS

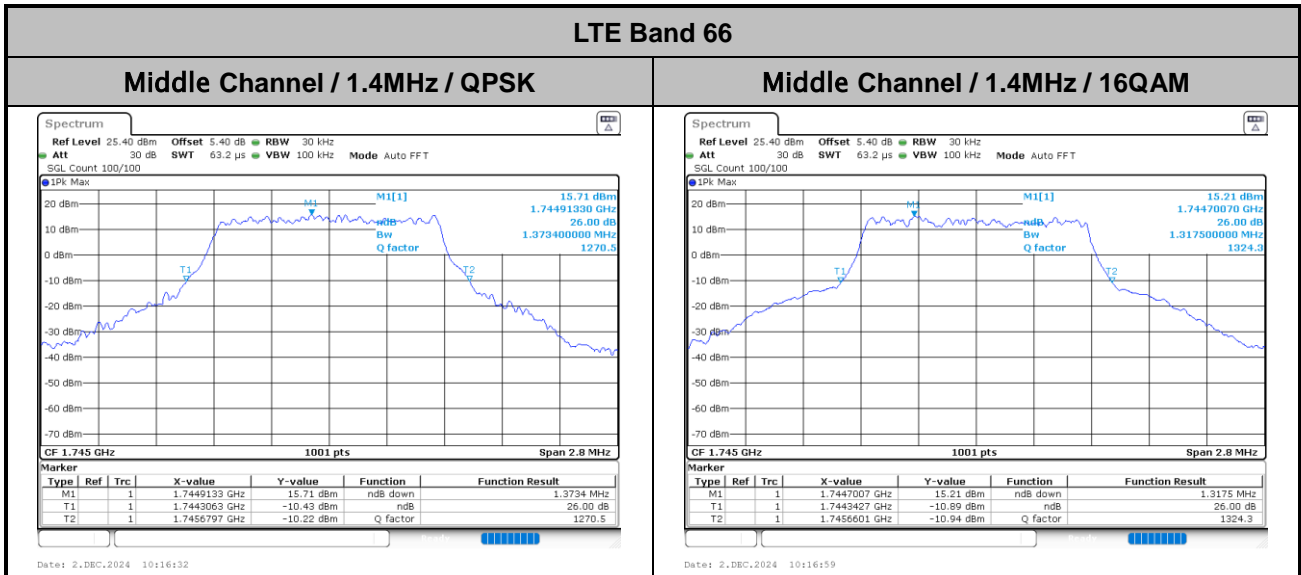






**26dB Bandwidth**

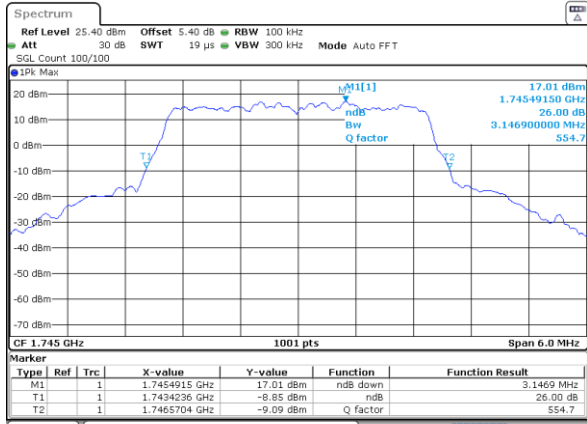
Mode	LTE Band 66 : 26dB BW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.37	1.32
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	3.15	3.17
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	5.05	5.10
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.87	9.75
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.36	14.51
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	19.02	19.5





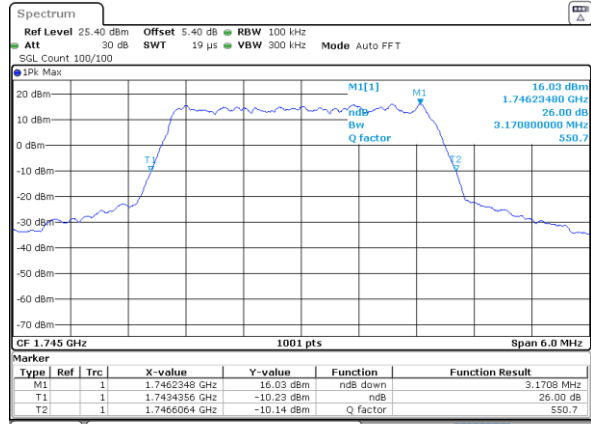
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 2.DEC.2024 10:14:25

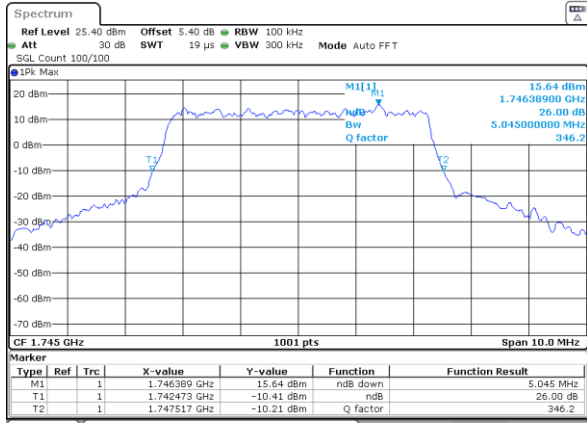
Middle Channel / 3MHz / 16QAM



Date: 2.DEC.2024 10:14:52

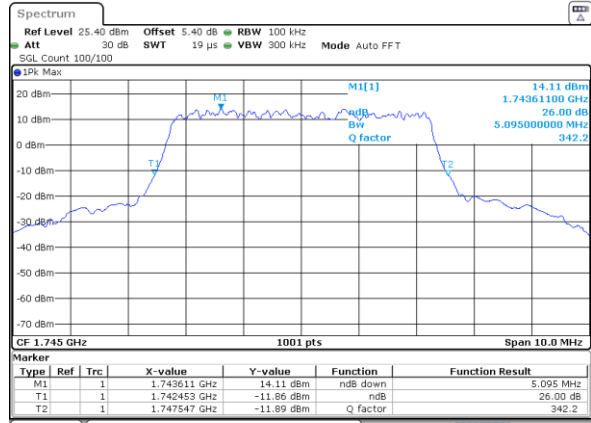
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 2.DEC.2024 10:06:23

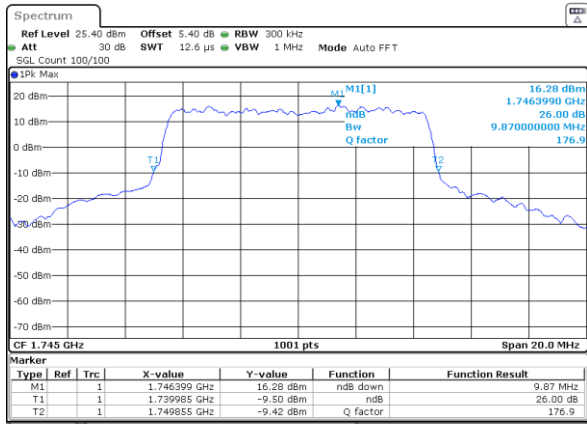
Middle Channel / 5MHz / 16QAM



Date: 2.DEC.2024 10:06:50

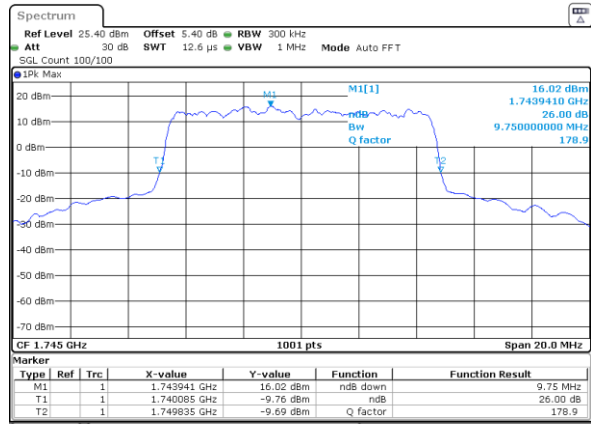
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 2.DEC.2024 09:39:36

Middle Channel / 10MHz / 16QAM

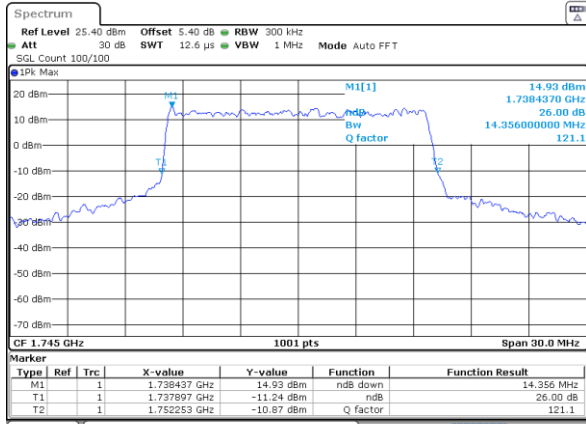


Date: 2.DEC.2024 09:40:03



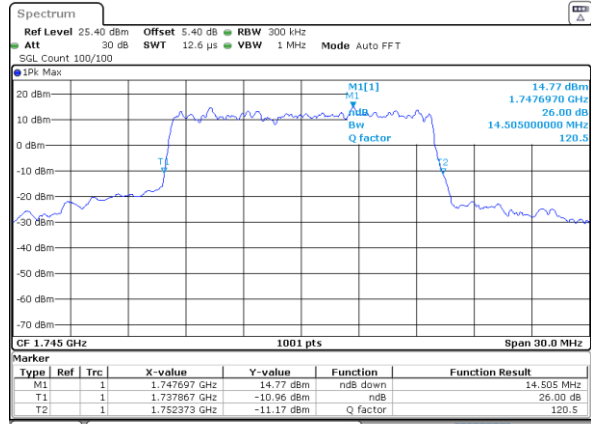
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 2.DEC.2024 09:13:47

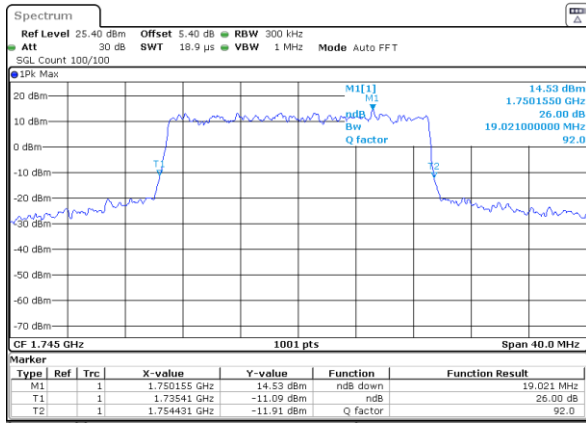
Middle Channel / 15MHz / 16QAM



Date: 2.DEC.2024 09:16:14

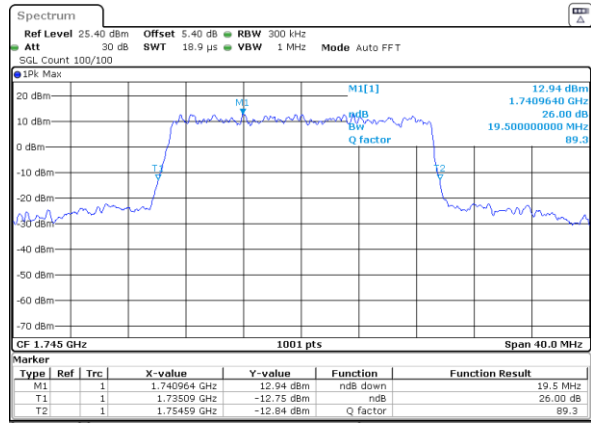
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 2.DEC.2024 09:29:47

Middle Channel / 20MHz / 16QAM

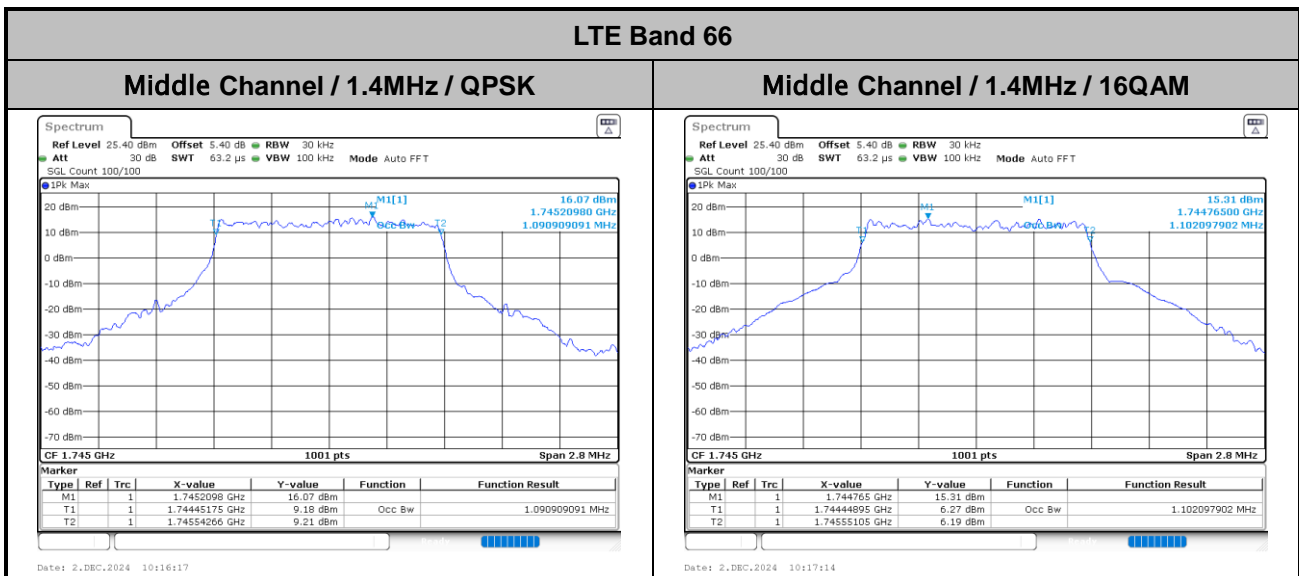


Date: 2.DEC.2024 09:30:14



## Occupied Bandwidth

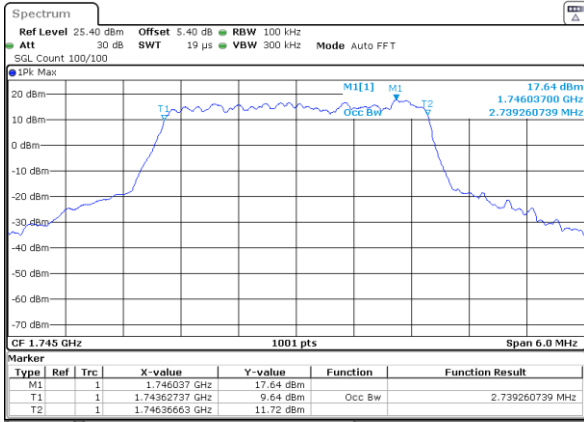
Mode	LTE Band 66 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.0	1.10
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.73	2.73
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.52
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.01
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.49	13.46
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.86	17.90





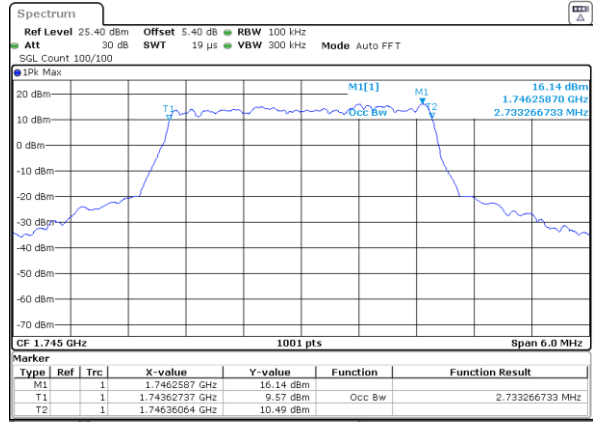
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 2.DEC.2024 10:14:10

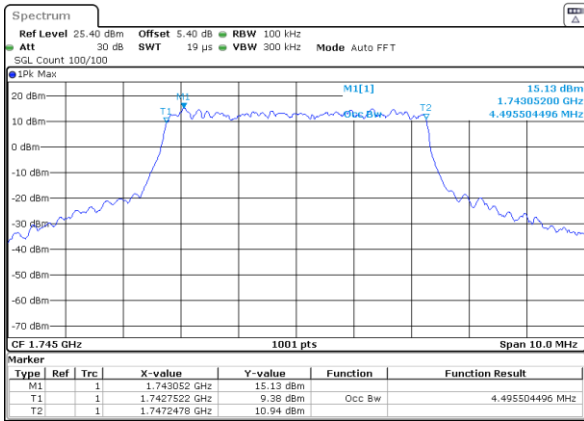
Middle Channel / 3MHz / 16QAM



Date: 2.DEC.2024 10:15:07

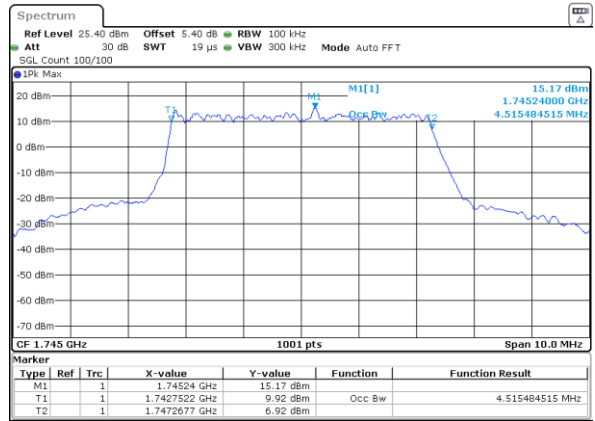
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 2.DEC.2024 10:06:08

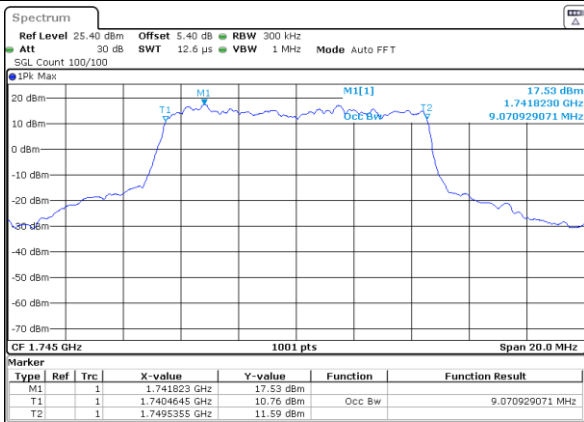
Middle Channel / 5MHz / 16QAM



Date: 2.DEC.2024 10:07:05

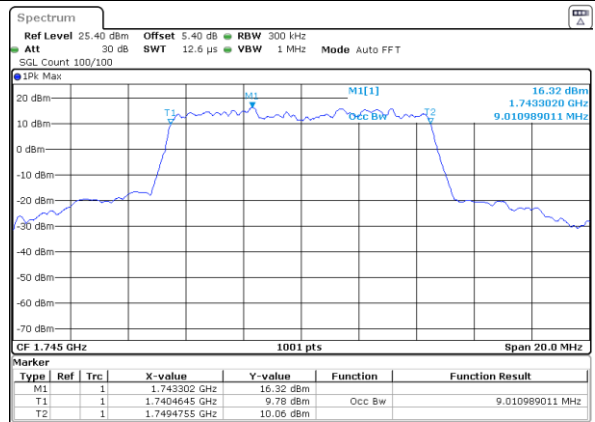
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 2.DEC.2024 09:39:21

Middle Channel / 10MHz / 16QAM

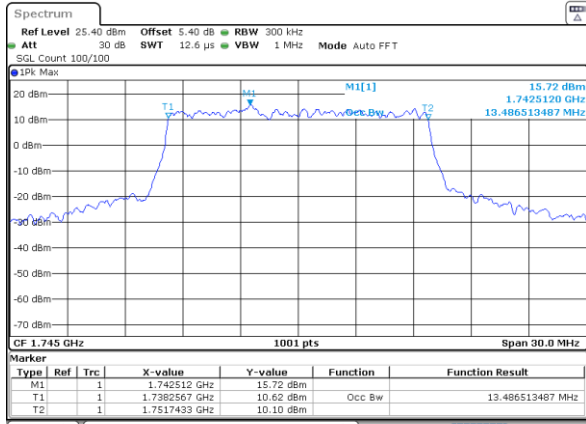


Date: 2.DEC.2024 10:25:25



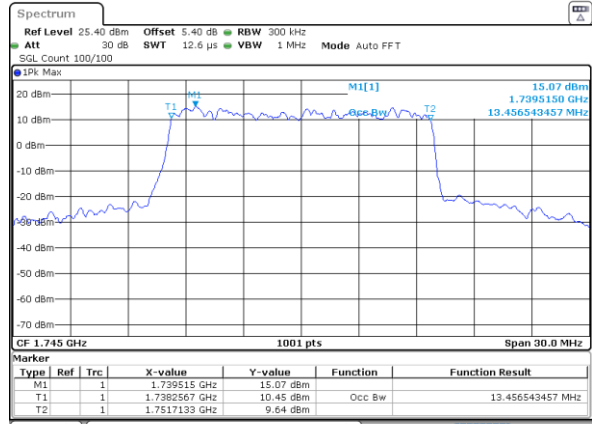
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 2.DEC.2024 09:13:132

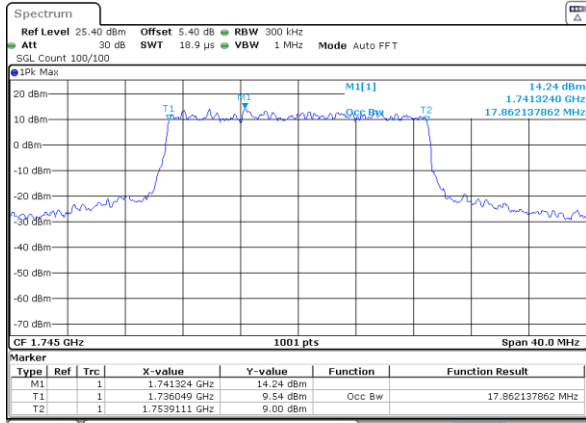
Middle Channel / 15MHz / 16QAM



Date: 2.DEC.2024 09:13:129

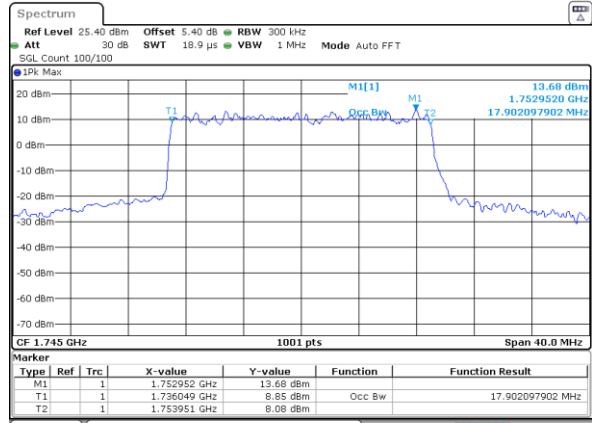
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 2.DEC.2024 09:12:553

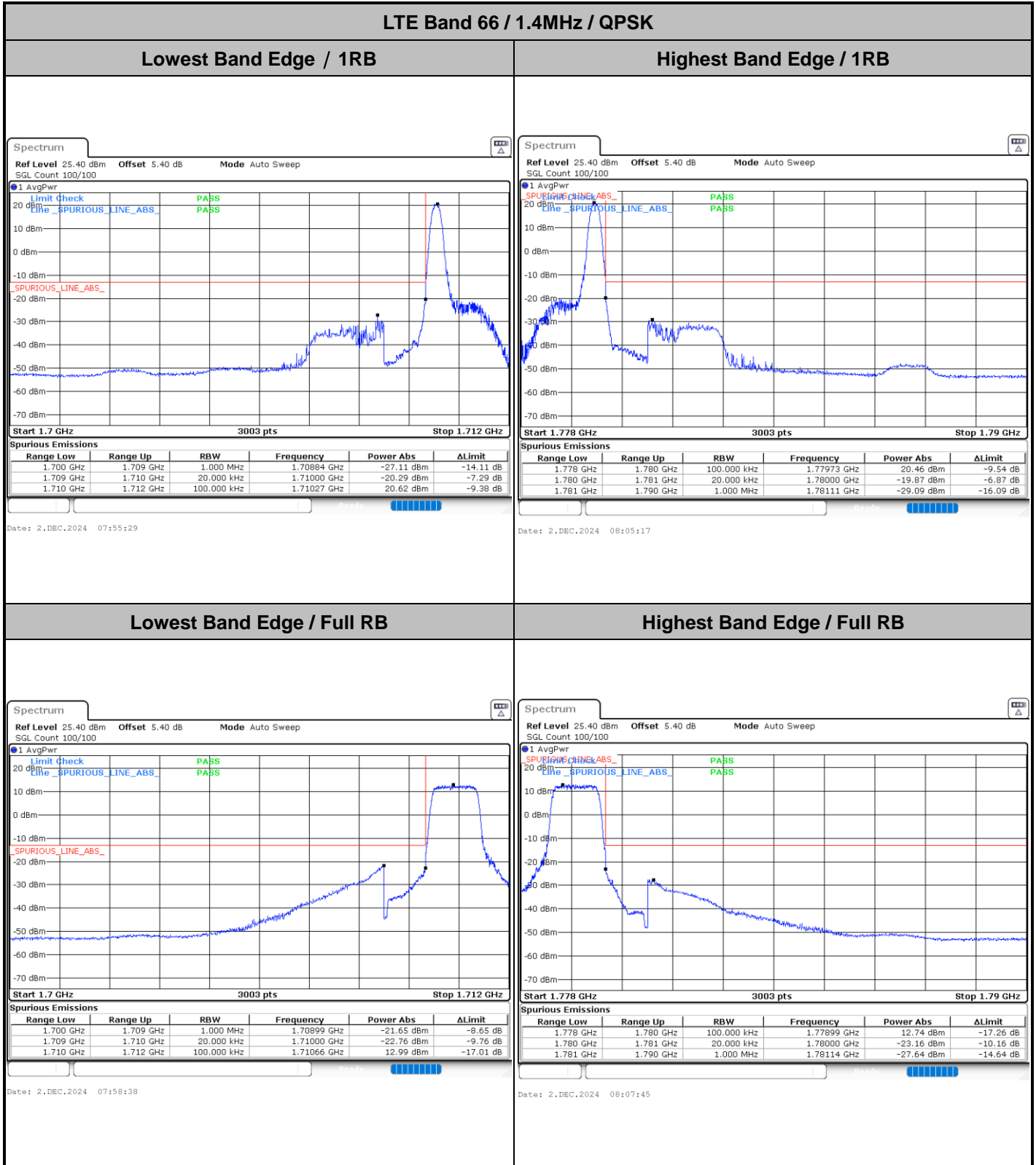
Middle Channel / 20MHz / 16QAM



Date: 2.DEC.2024 09:12:520



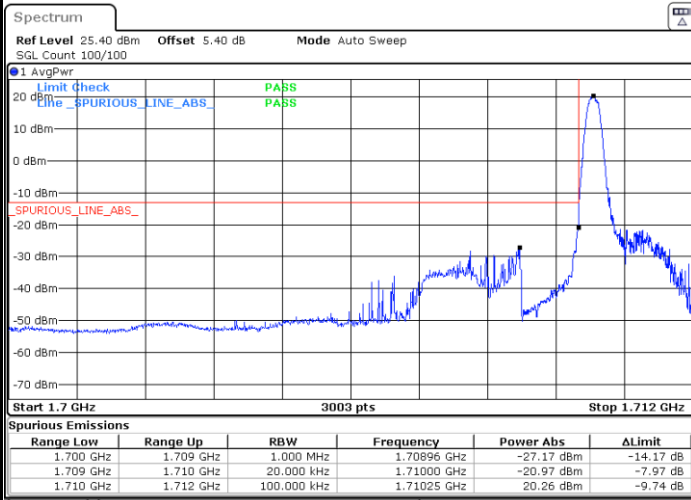
# Conducted Band Edge





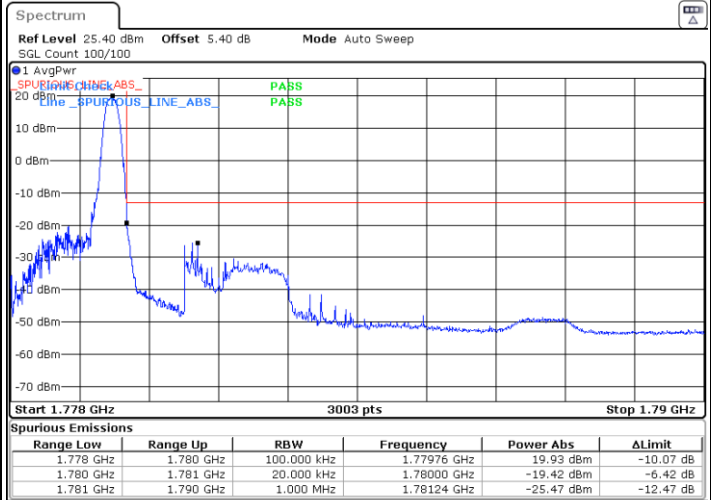
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



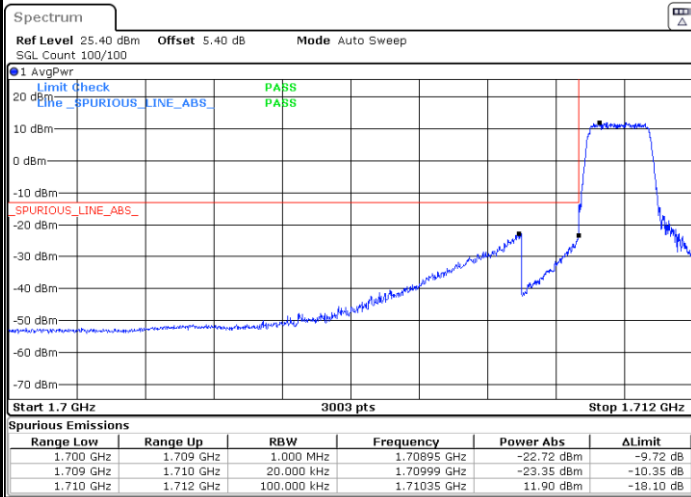
Date: 2.DEC.2024 07:56:06

Highest Band Edge / 1 RB



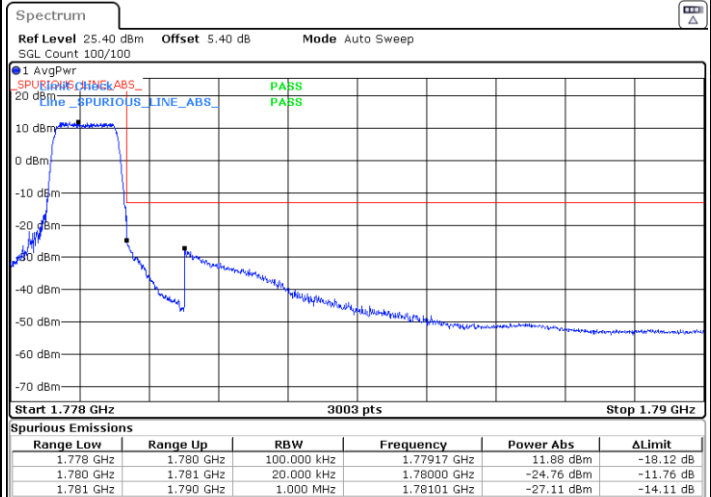
Date: 2.DEC.2024 08:05:54

Lowest Band Edge / Full RB



Date: 2.DEC.2024 07:59:15

Highest Band Edge / Full RB

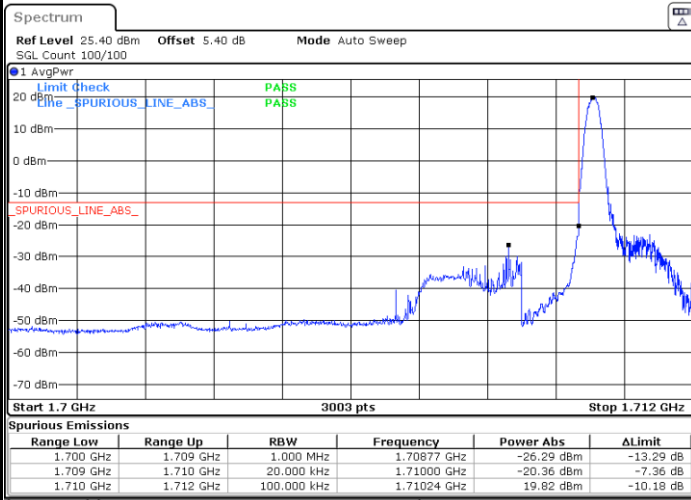


Date: 2.DEC.2024 08:08:22



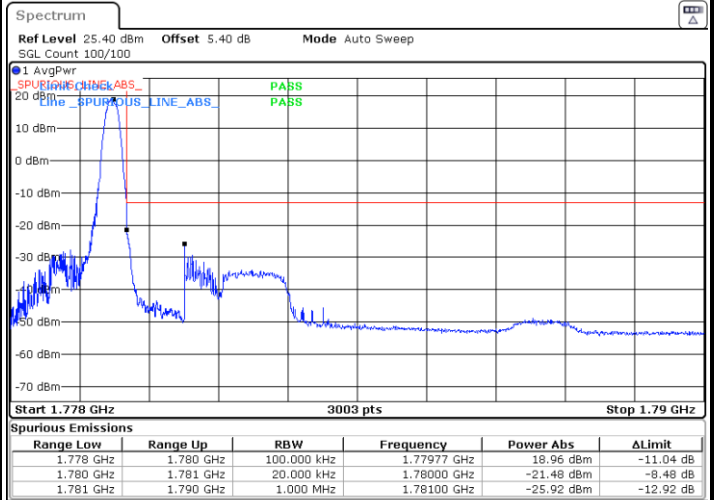
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



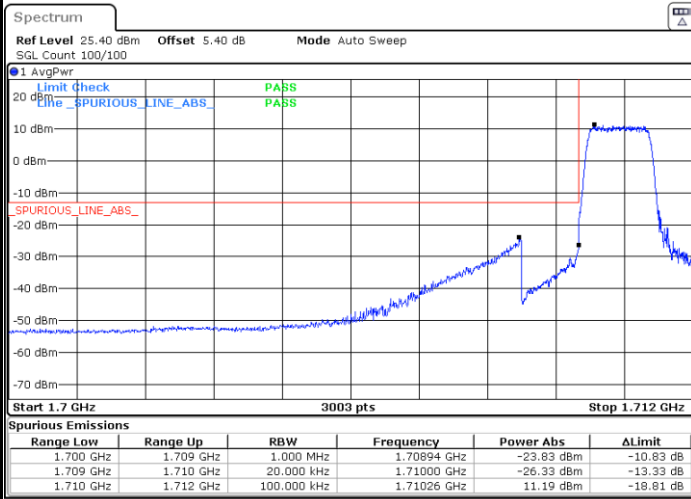
Date: 2.DEC.2024 07:57:24

Highest Band Edge / 1 RB



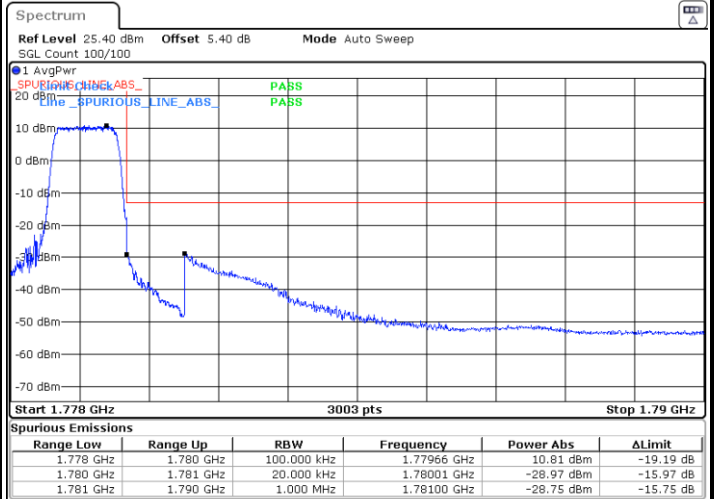
Date: 2.DEC.2024 08:06:31

Lowest Band Edge / Full RB



Date: 2.DEC.2024 07:59:52

Highest Band Edge / Full RB

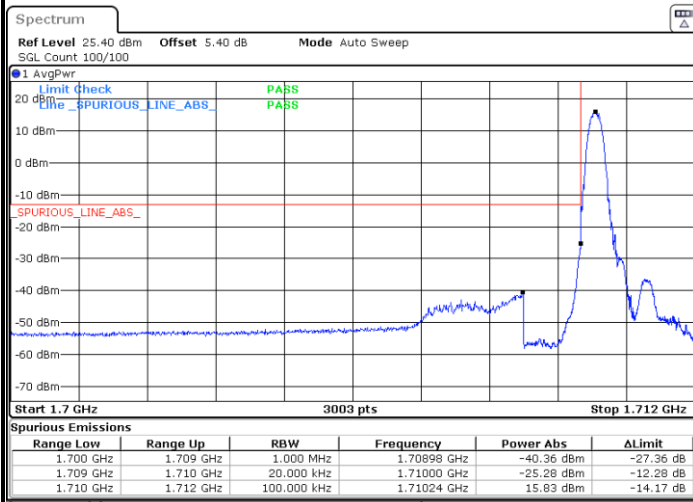


Date: 2.DEC.2024 08:08:59



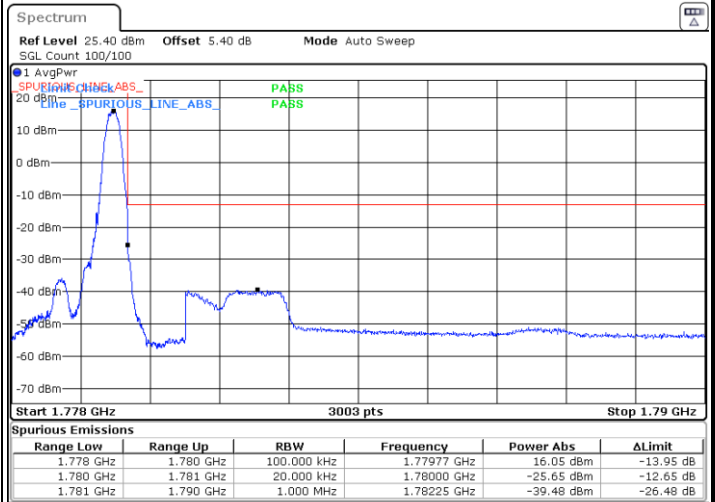
LTE Band 66 / 1.4MHz / 256QAM

Lowest Band Edge / 1 RB



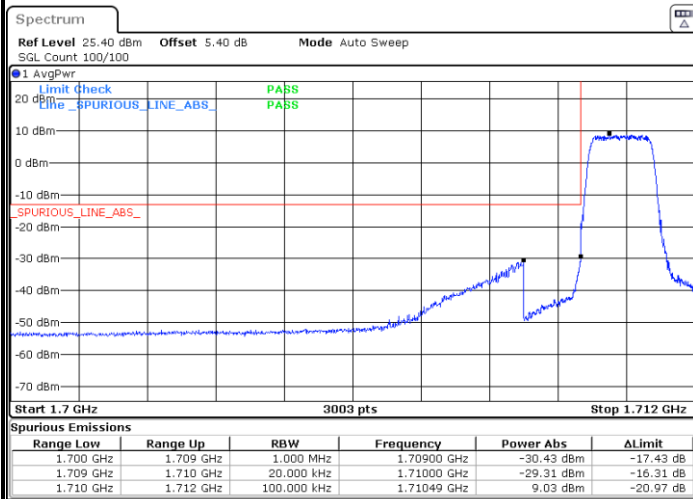
Date: 2.DEC.2024 07:58:01

Highest Band Edge / 1 RB



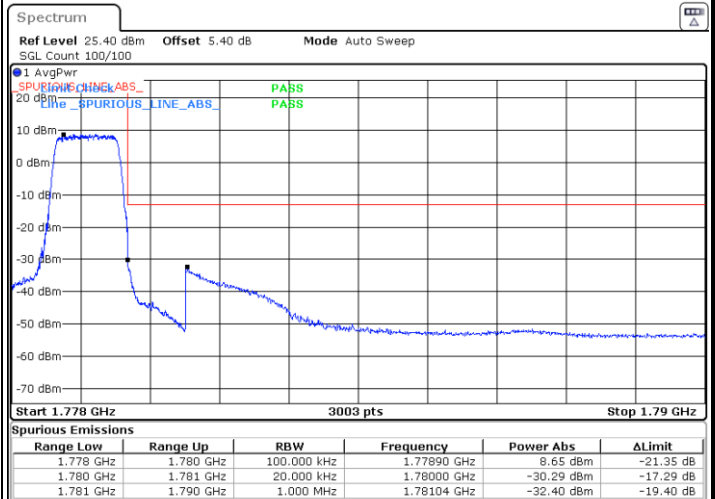
Date: 2.DEC.2024 08:07:08

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:00:29

Highest Band Edge / Full RB

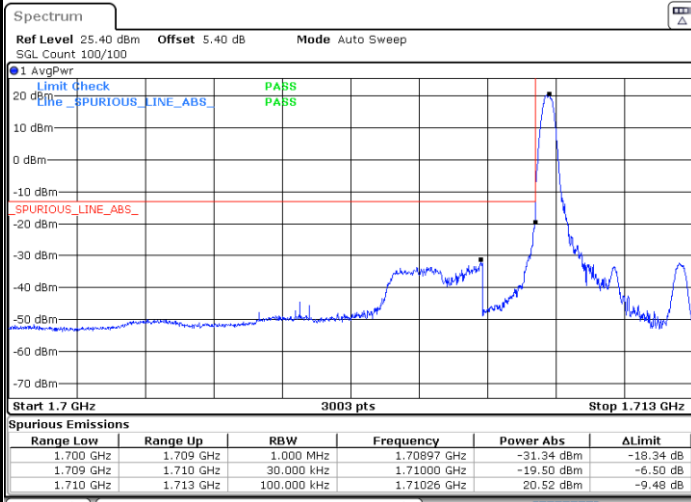


Date: 2.DEC.2024 08:09:35



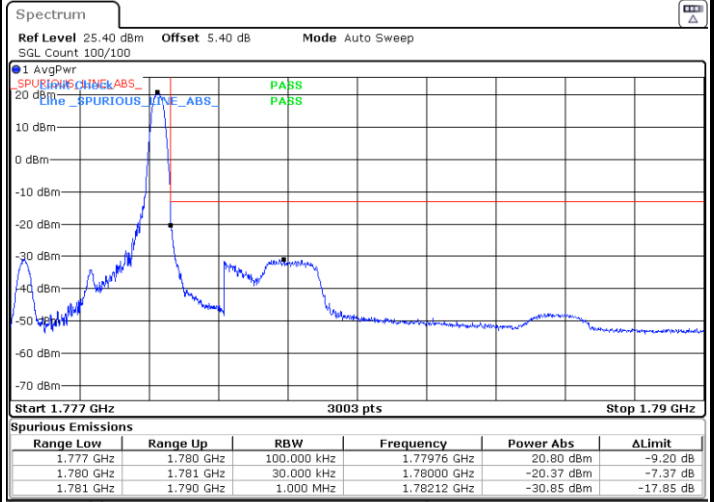
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



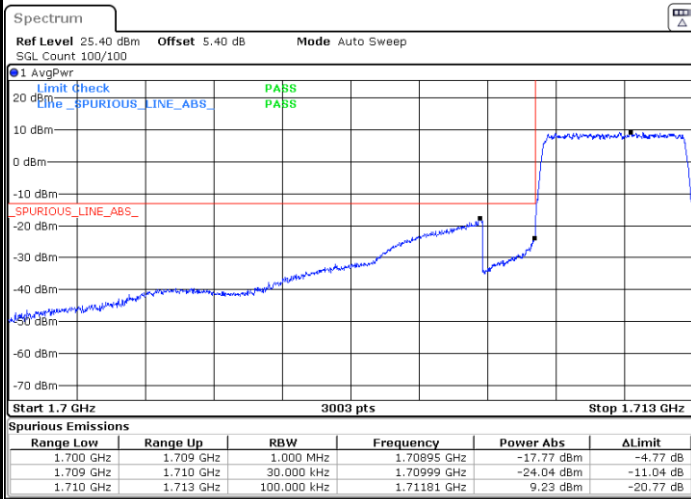
Date: 2.DEC.2024 08:12:00

Highest Band Edge / 1 RB



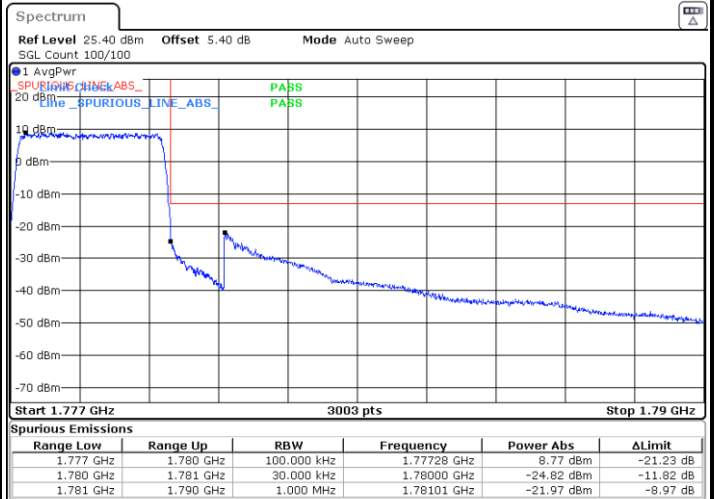
Date: 2.DEC.2024 08:20:12

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:14:27

Highest Band Edge / Full RB

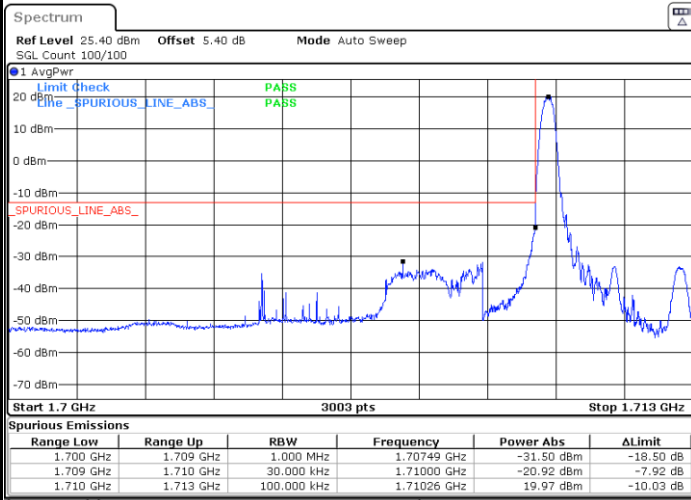


Date: 2.DEC.2024 08:22:41



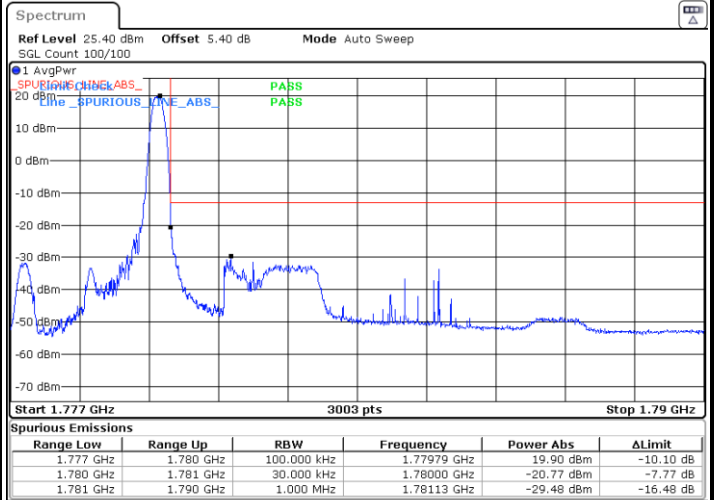
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



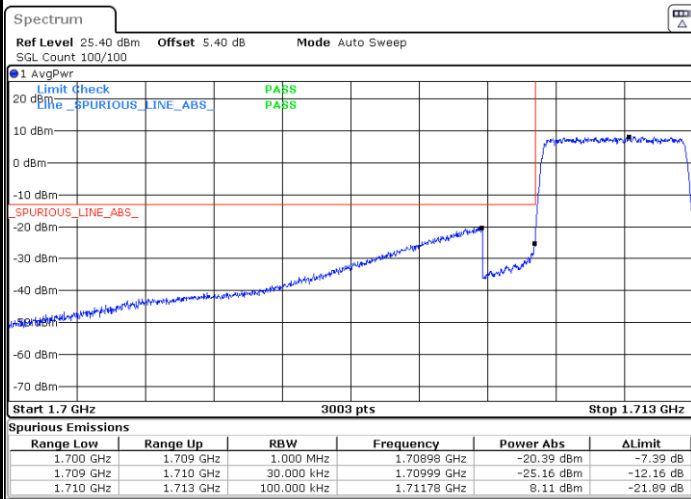
Date: 2.DEC.2024 08:12:37

Highest Band Edge / 1 RB



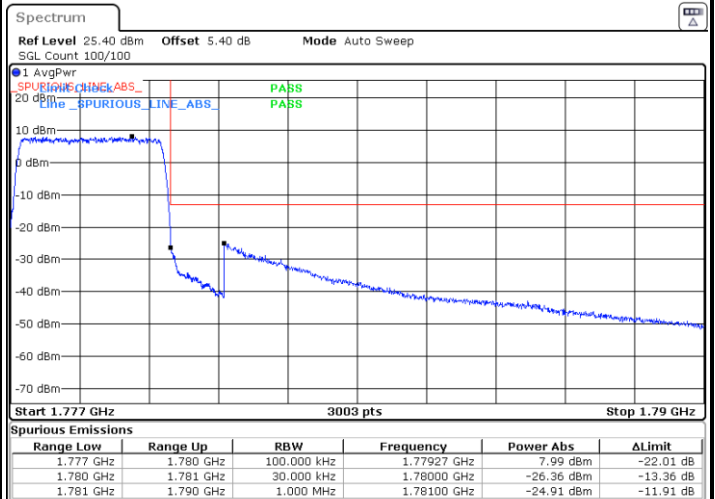
Date: 2.DEC.2024 08:20:49

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:15:48

Highest Band Edge / Full RB

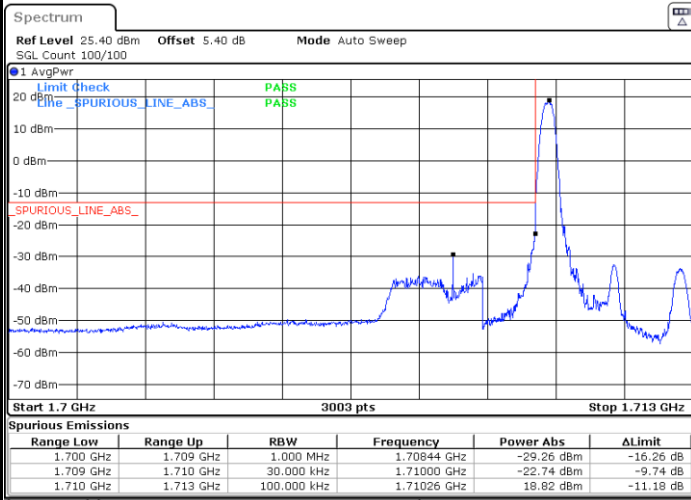


Date: 2.DEC.2024 08:23:18



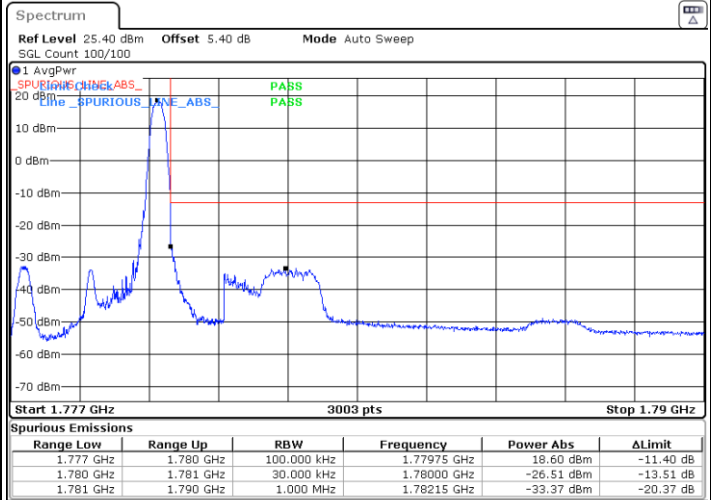
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



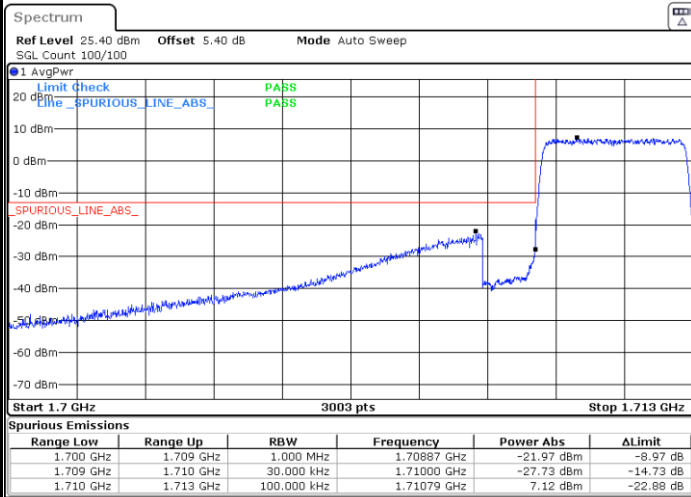
Date: 2.DEC.2024 08:13:14

Highest Band Edge / 1 RB



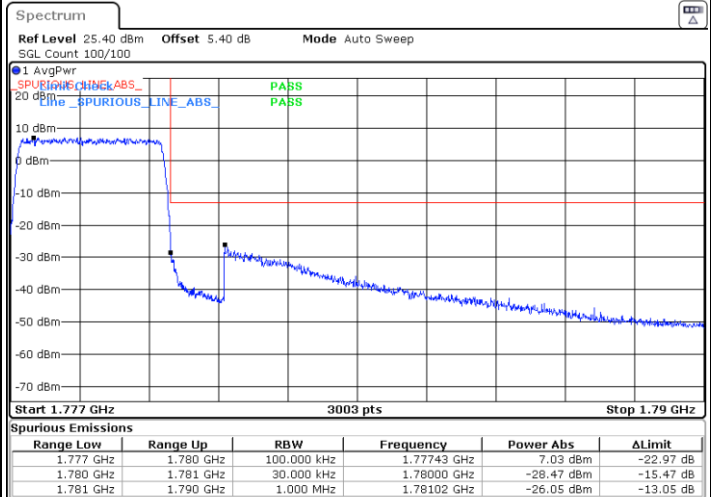
Date: 2.DEC.2024 08:21:27

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:16:25

Highest Band Edge / Full RB

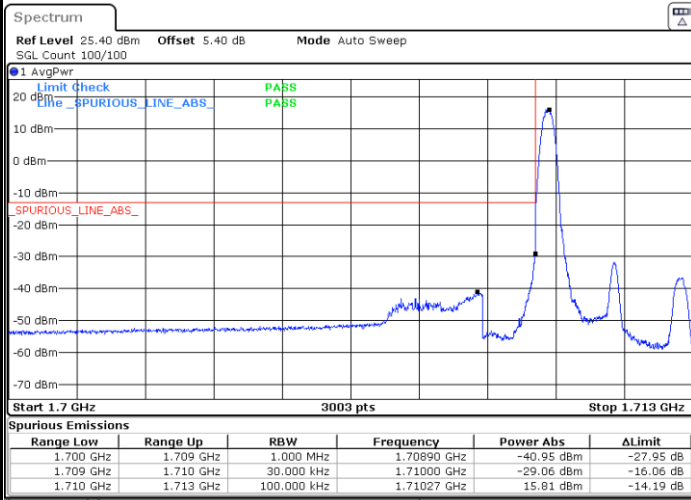


Date: 2.DEC.2024 08:23:55



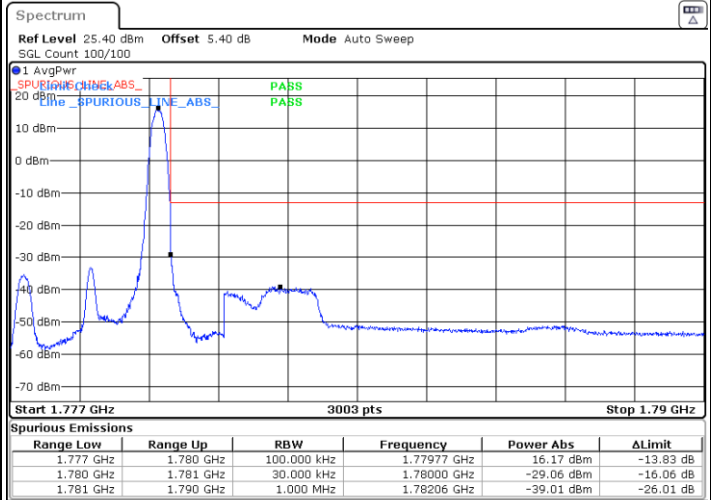
LTE Band 66 / 3MHz / 256QAM

Lowest Band Edge / 1 RB



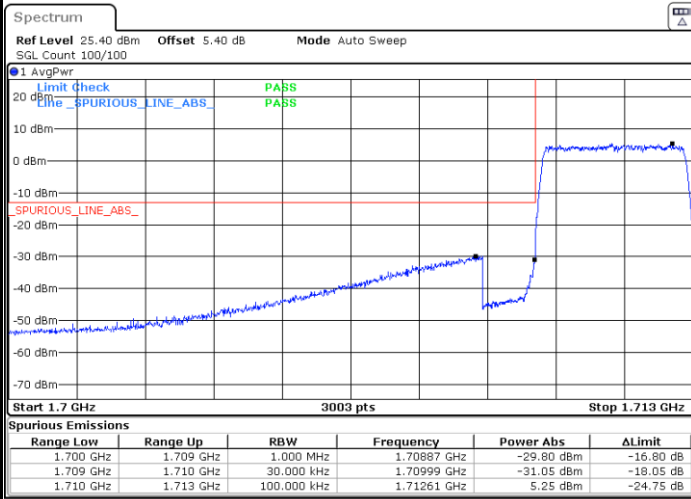
Date: 2.DEC.2024 08:13:50

Highest Band Edge / 1 RB



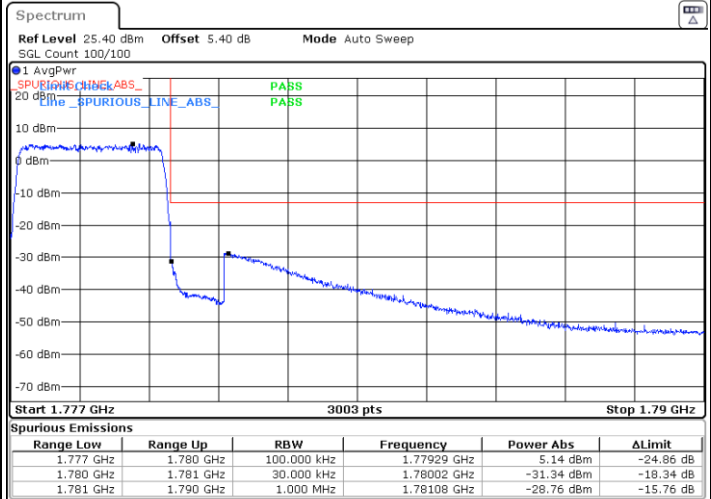
Date: 2.DEC.2024 08:22:04

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:17:02

Highest Band Edge / Full RB

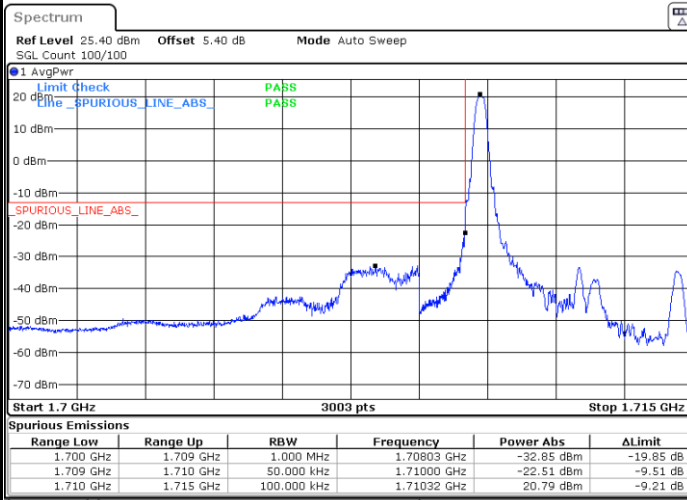


Date: 2.DEC.2024 08:24:32



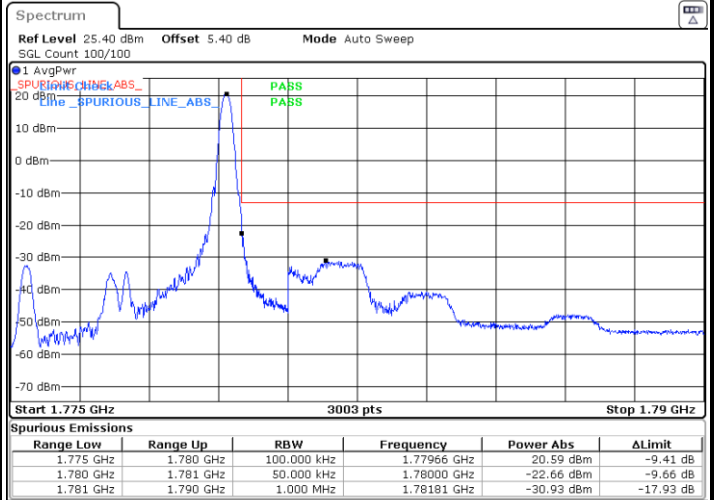
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1 RB



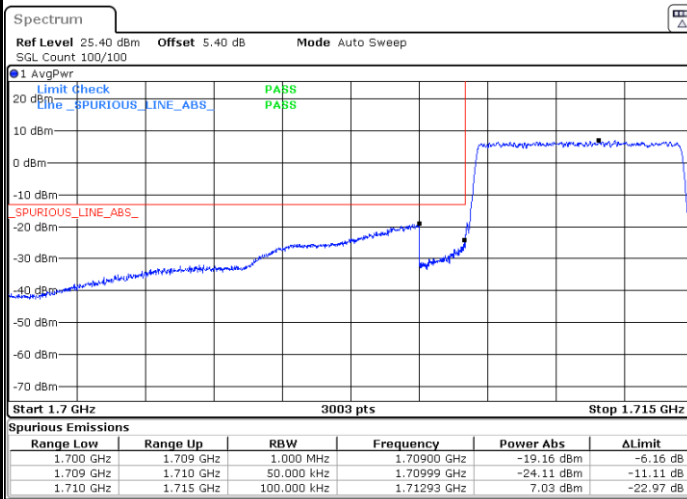
Date: 2.DEC.2024 08:28:35

Highest Band Edge / 1 RB



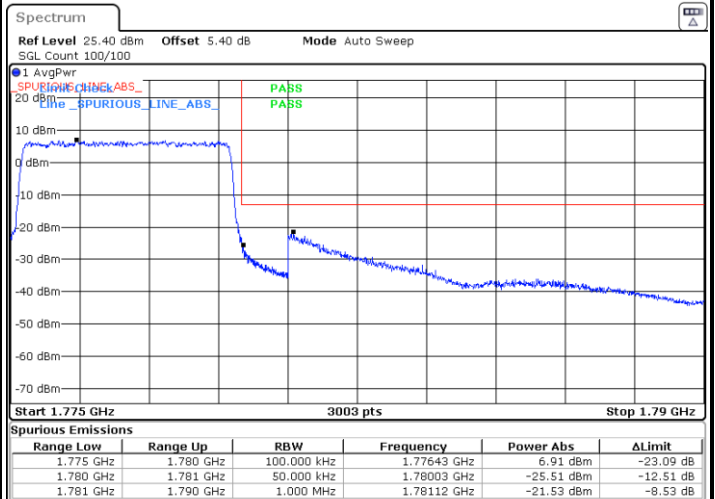
Date: 2.DEC.2024 08:36:04

Lowest Band Edge / Full RB



Date: 2.DEC.2024 08:31:03

Highest Band Edge / Full RB



Date: 2.DEC.2024 08:39:32