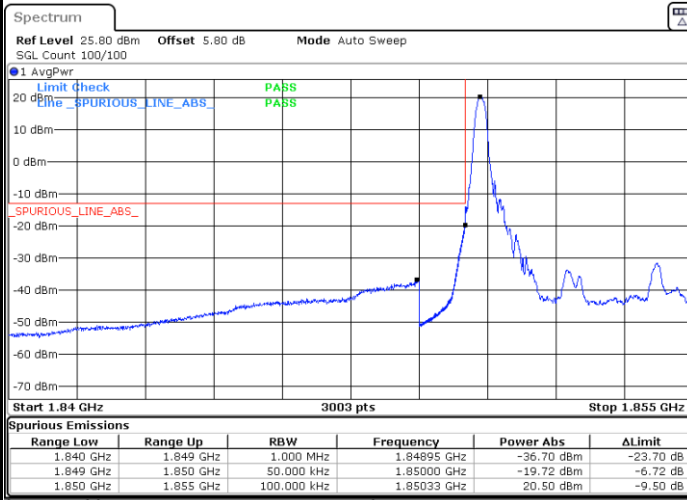




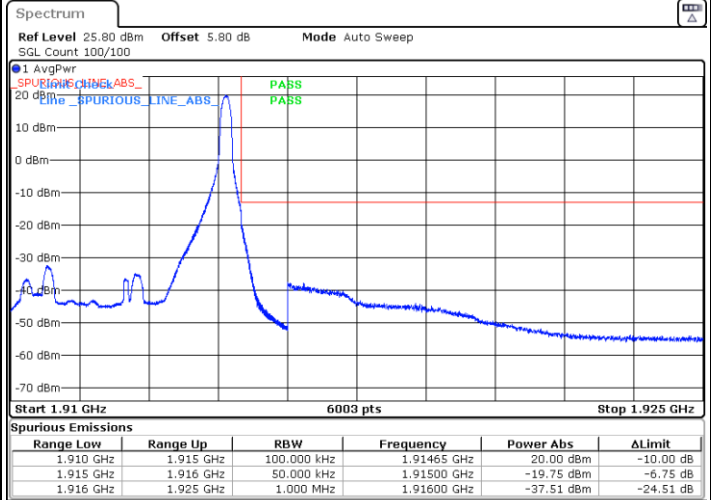
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



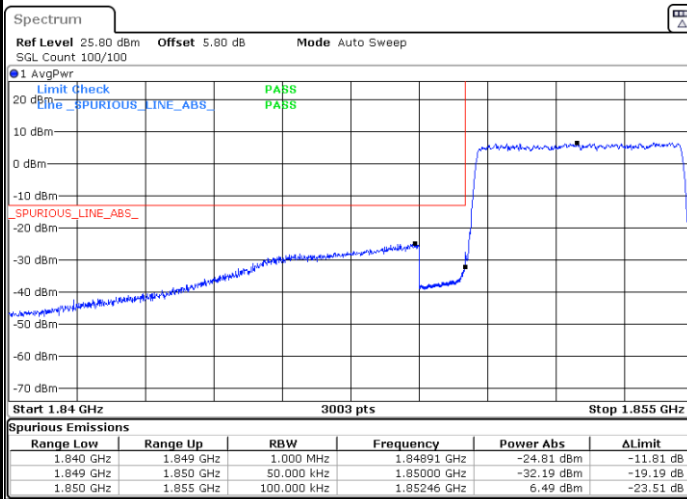
Date: 11.FEB.2025 02:32:51

Highest Band Edge / 1 RB



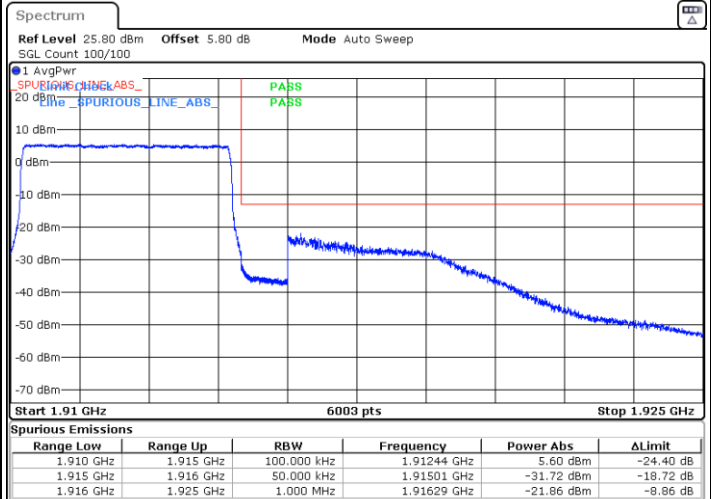
Date: 11.FEB.2025 05:00:02

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:37:20

Highest Band Edge / Full RB

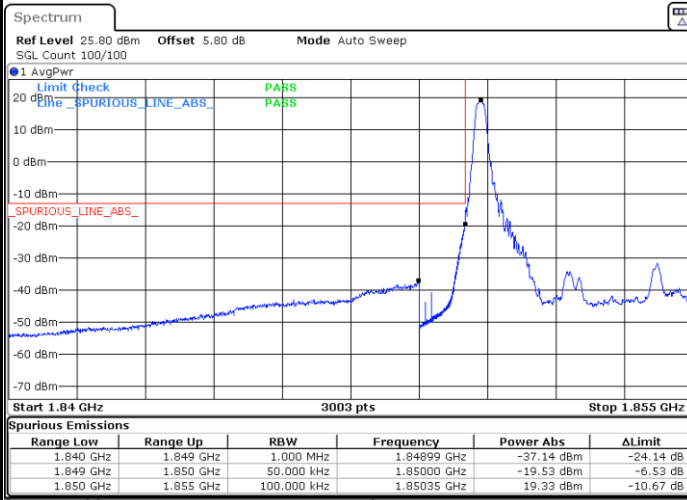


Date: 11.FEB.2025 02:41:48



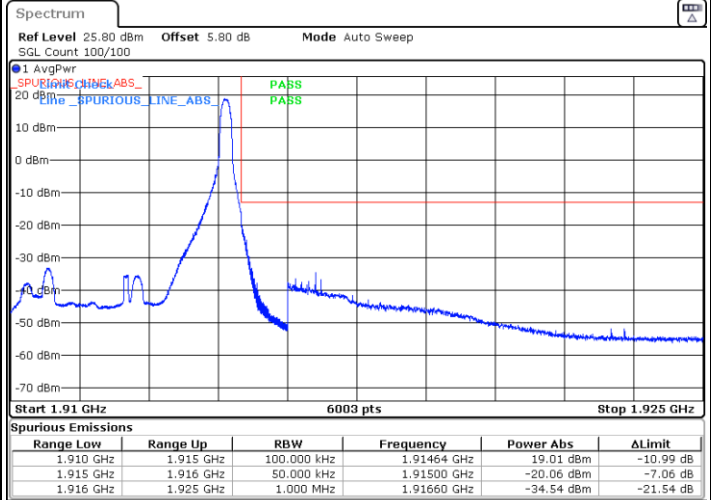
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



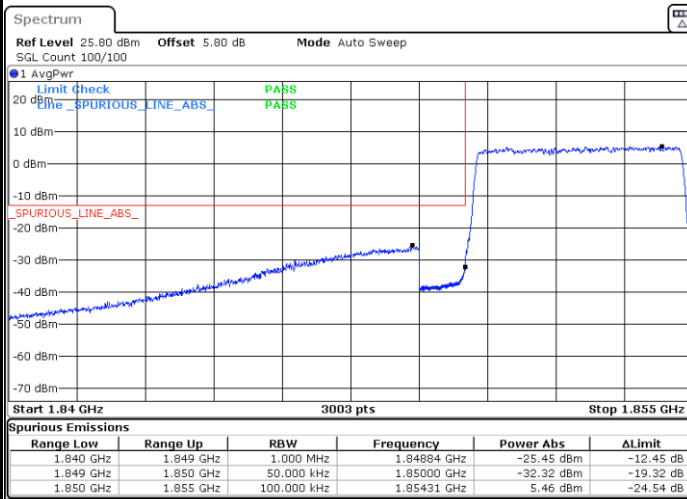
Date: 11.FEB.2025 02:34:21

Highest Band Edge / 1 RB



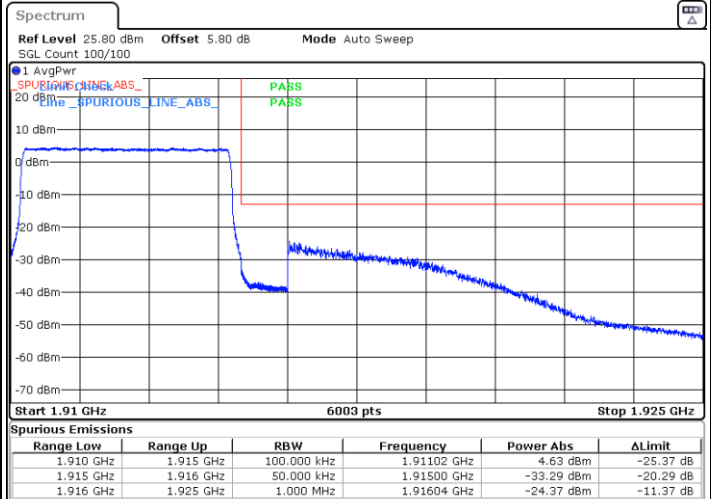
Date: 11.FEB.2025 05:00:53

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:38:49

Highest Band Edge / Full RB

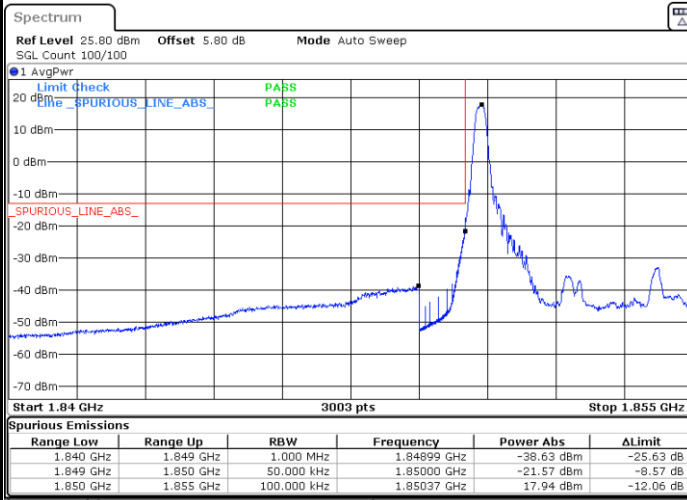


Date: 11.FEB.2025 02:43:18



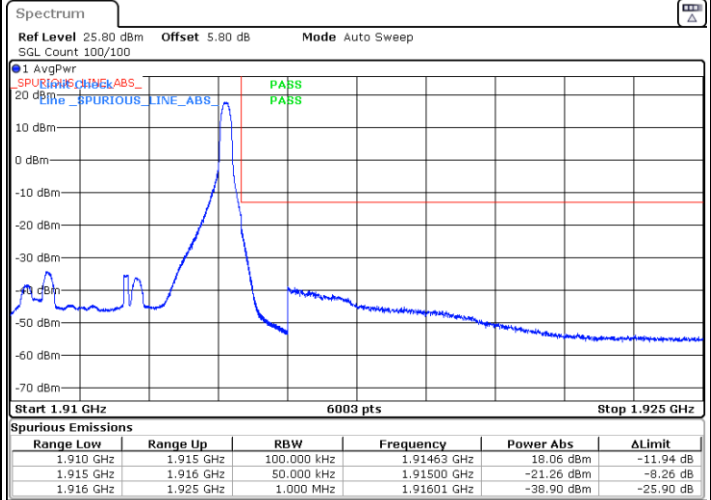
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



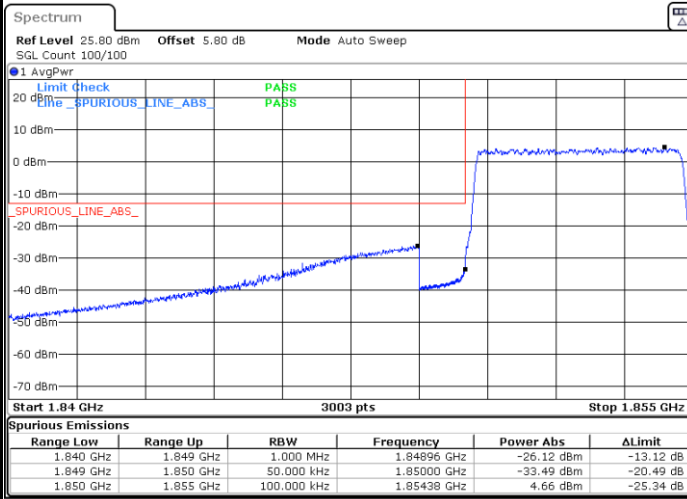
Date: 11.FEB.2025 02:35:50

Highest Band Edge / 1 RB



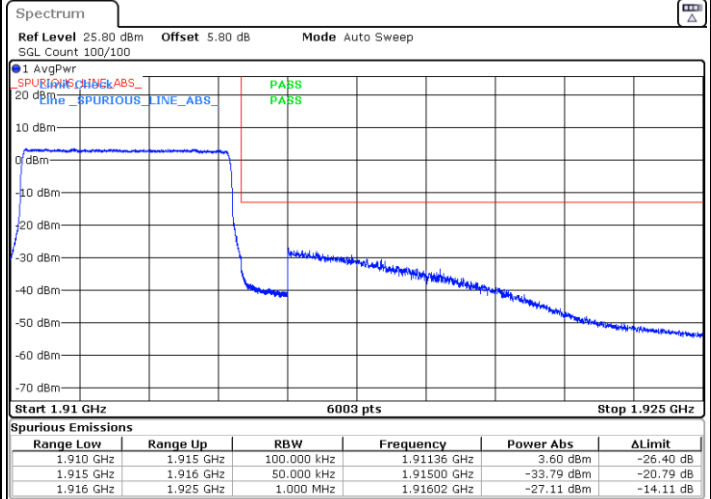
Date: 11.FEB.2025 05:01:45

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:40:19

Highest Band Edge / Full RB

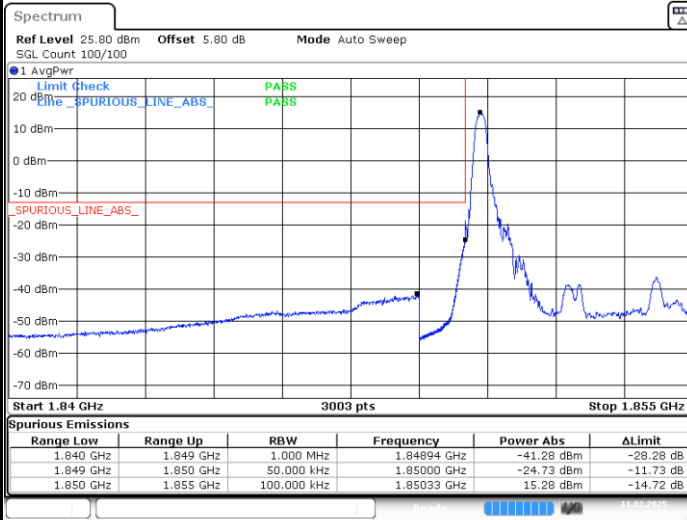


Date: 11.FEB.2025 02:44:48



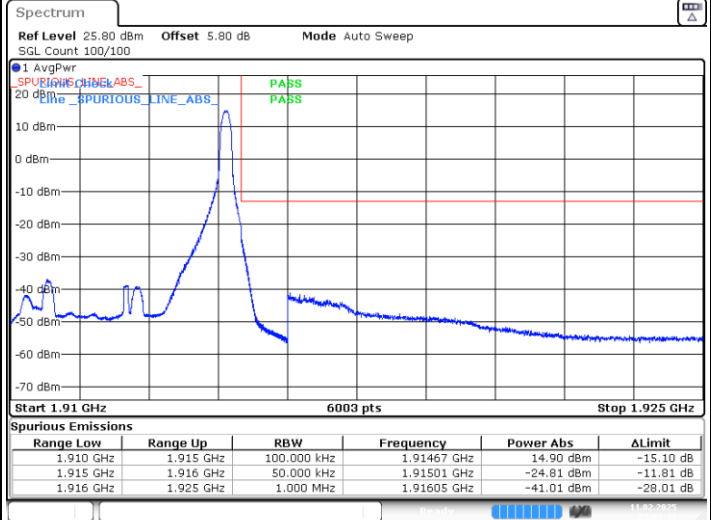
LTE Band 25 / 5MHz / 256QAM

Lowest Band Edge / 1RB



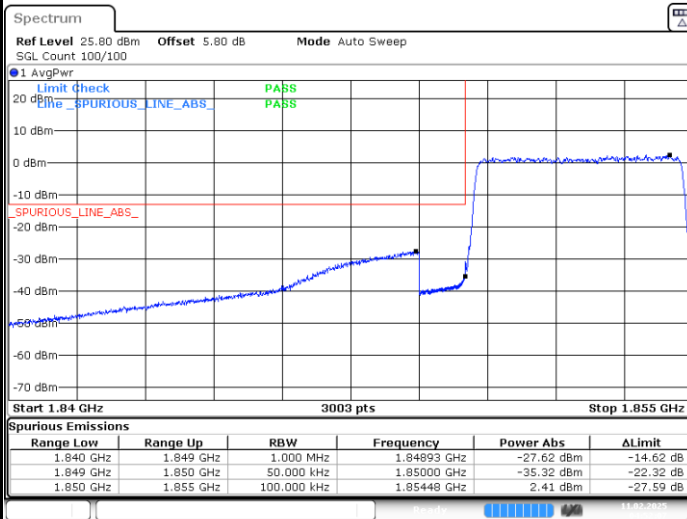
Date: 11.FEB.2025 04:49:16

Highest Band Edge / 1 RB



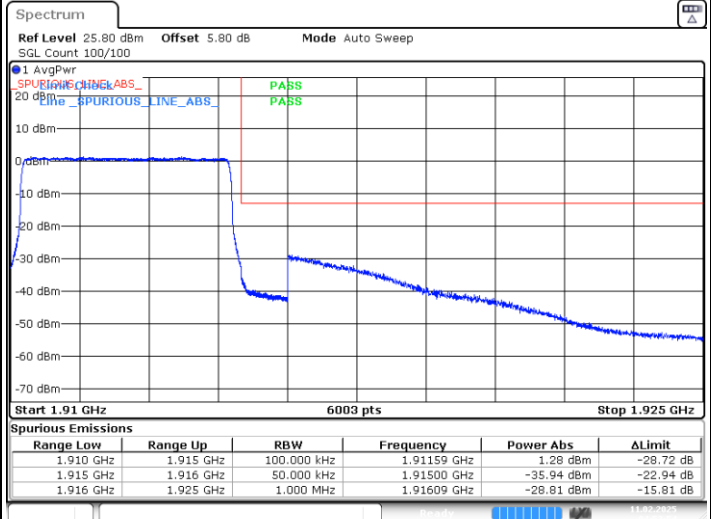
Date: 11.FEB.2025 05:02:32

Lowest Band Edge / Full RB



Date: 11.FEB.2025 04:52:08

Highest Band Edge / Full RB

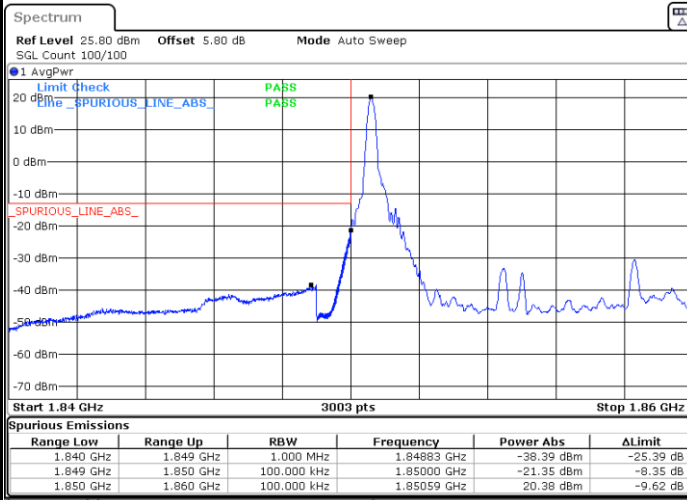


Date: 11.FEB.2025 04:53:54



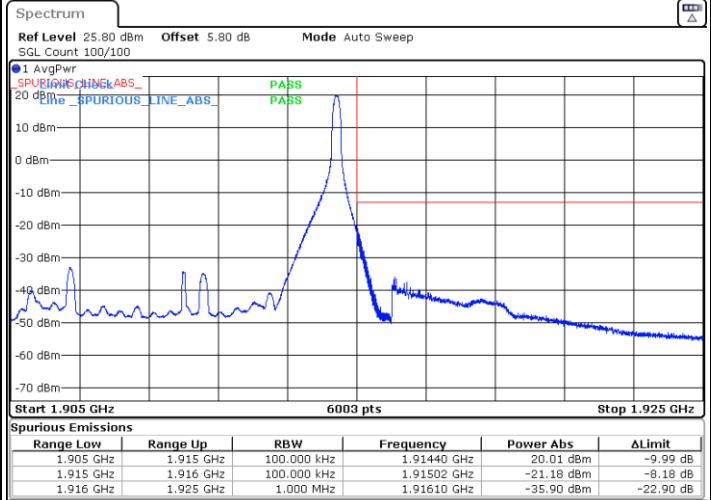
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



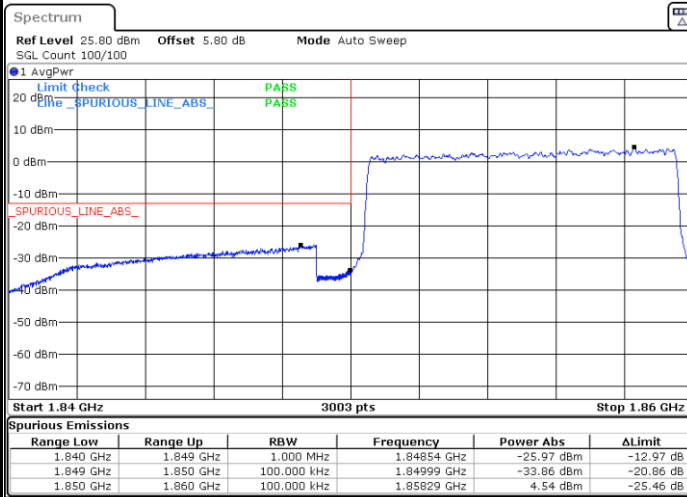
Date: 11.FEB.2025 02:58:31

Highest Band Edge / 1 RB



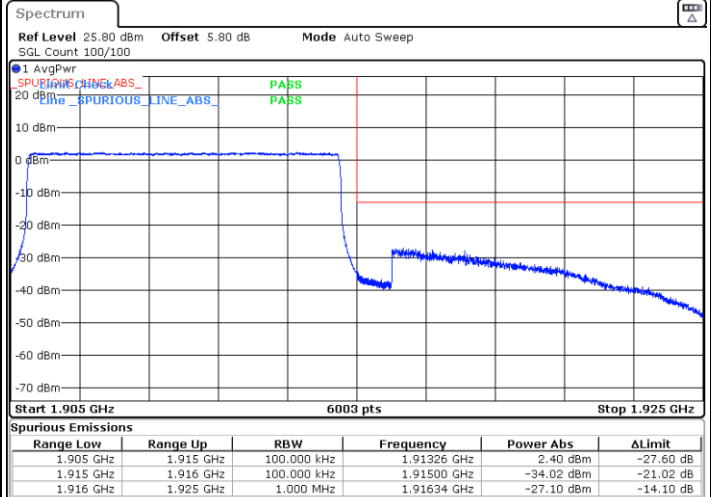
Date: 11.FEB.2025 03:06:29

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:46:18

Highest Band Edge / Full RB

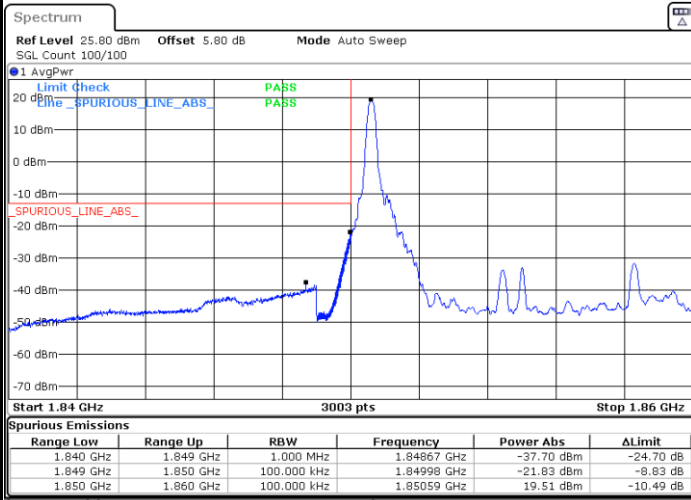


Date: 11.FEB.2025 03:02:30



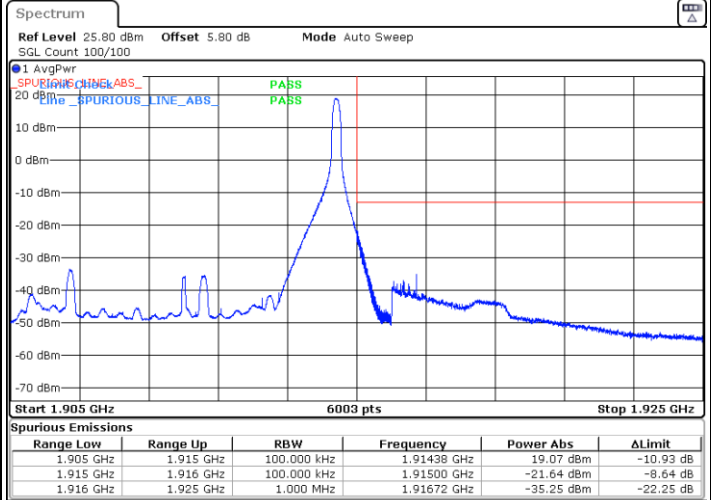
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



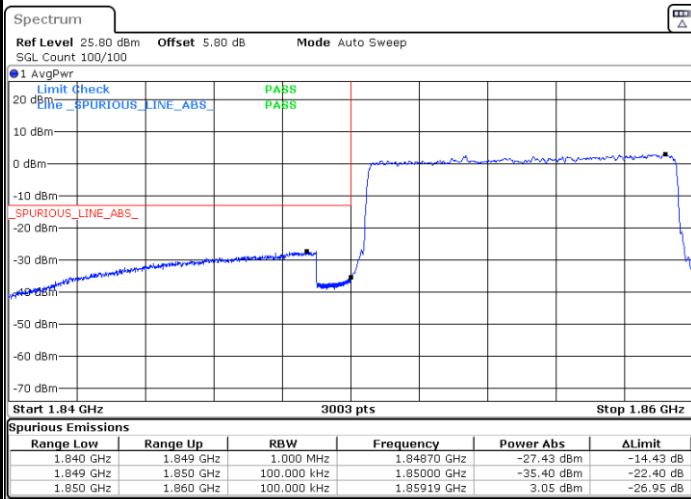
Date: 11.FEB.2025 02:59:51

Highest Band Edge / 1 RB



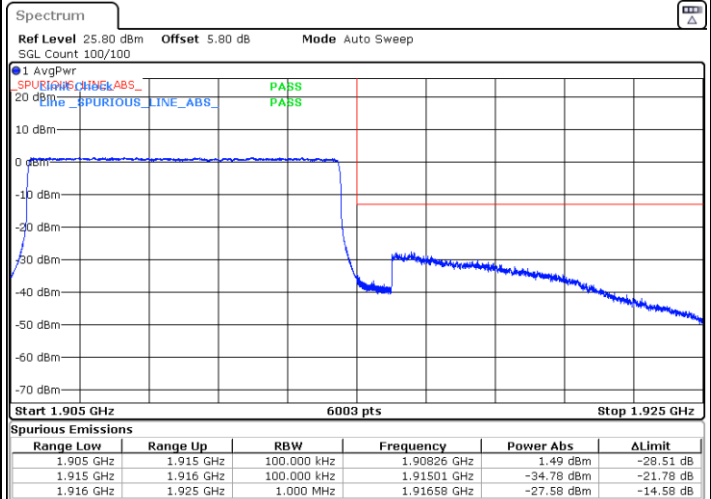
Date: 11.FEB.2025 03:07:48

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:47:48

Highest Band Edge / Full RB

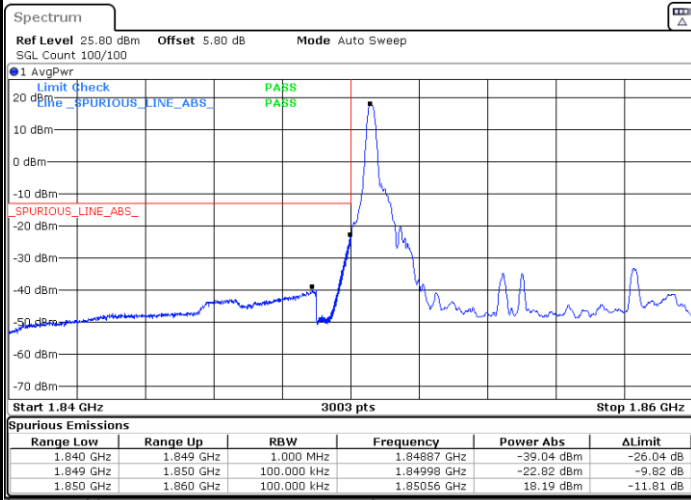


Date: 11.FEB.2025 03:03:49



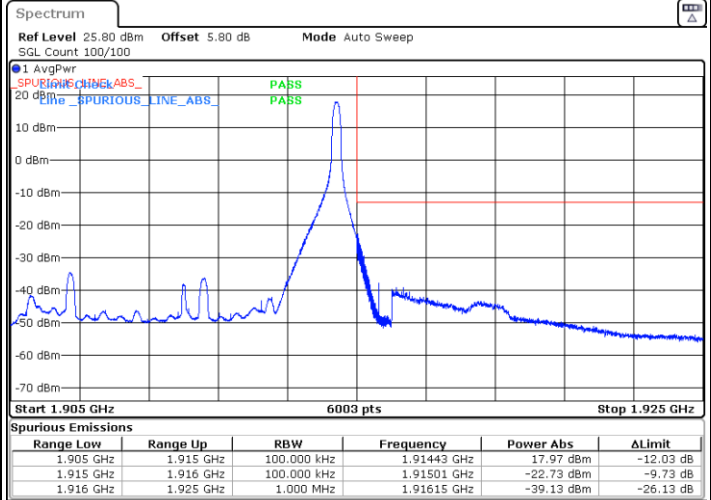
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



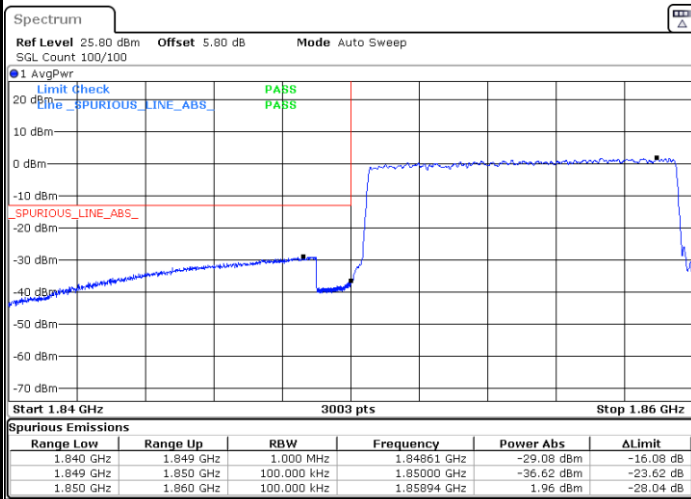
Date: 11.FEB.2025 03:01:10

Highest Band Edge / 1 RB



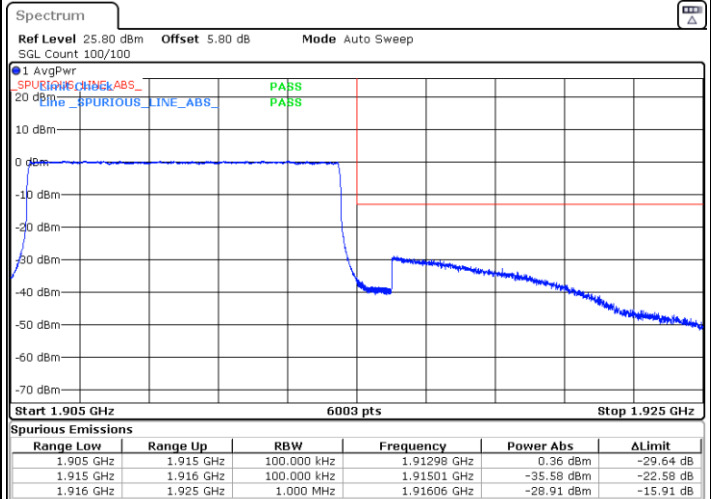
Date: 11.FEB.2025 03:09:08

Lowest Band Edge / Full RB



Date: 11.FEB.2025 02:49:17

Highest Band Edge / Full RB



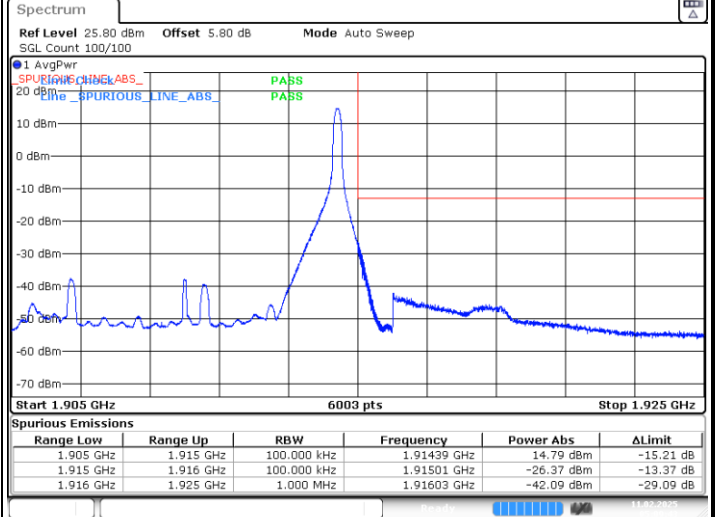
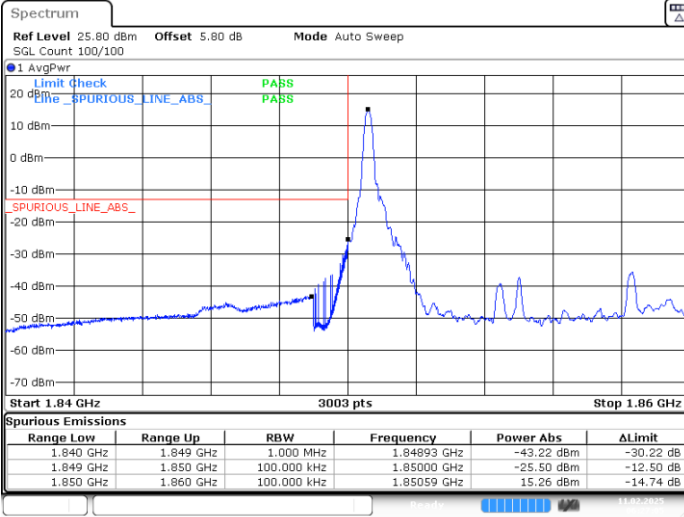
Date: 11.FEB.2025 03:05:09



LTE Band 25 / 10MHz / 256QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB

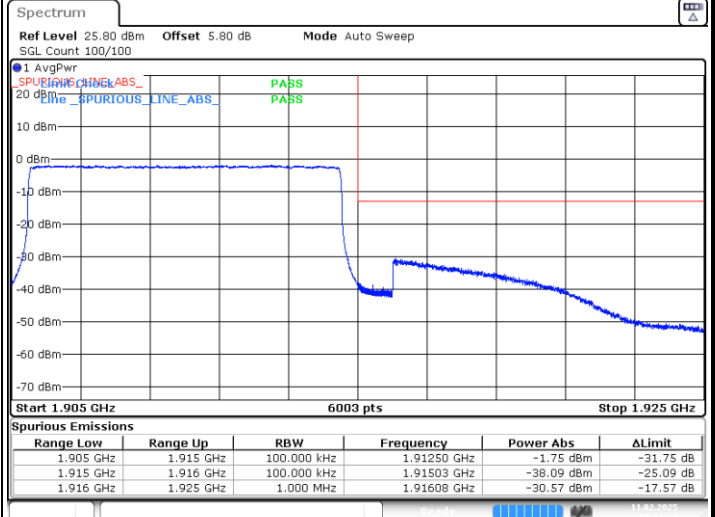
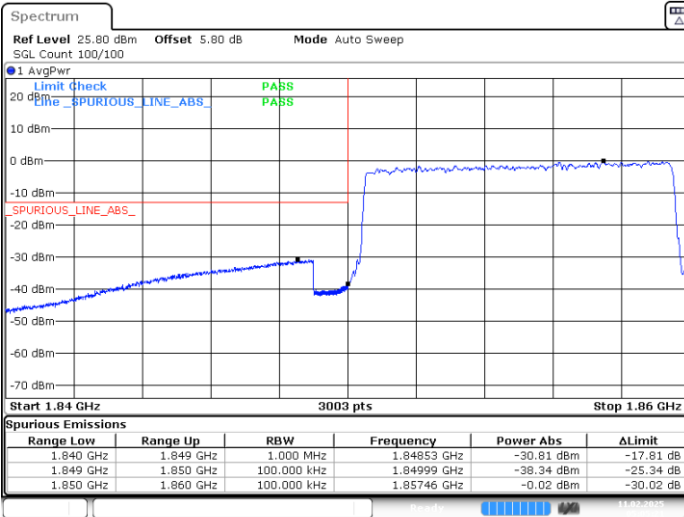


Date: 11.FEB.2025 06:27:06

Date: 11.FEB.2025 05:09:44

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



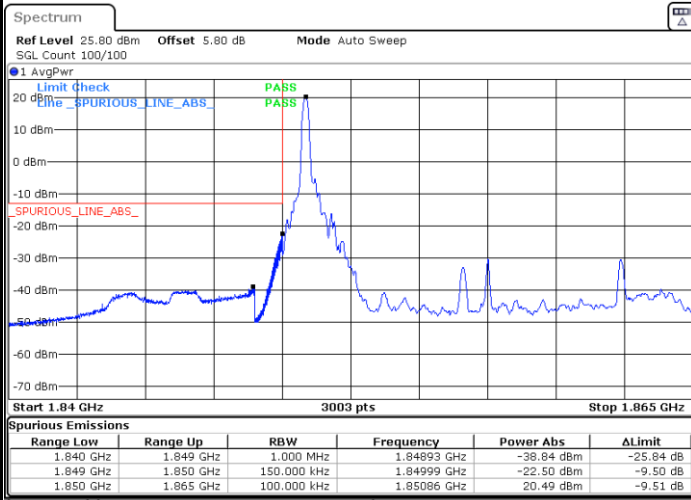
Date: 11.FEB.2025 05:05:21

Date: 11.FEB.2025 05:08:22



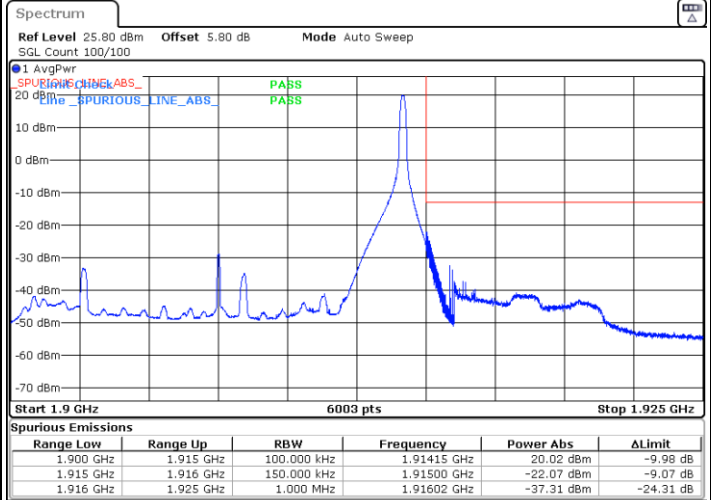
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



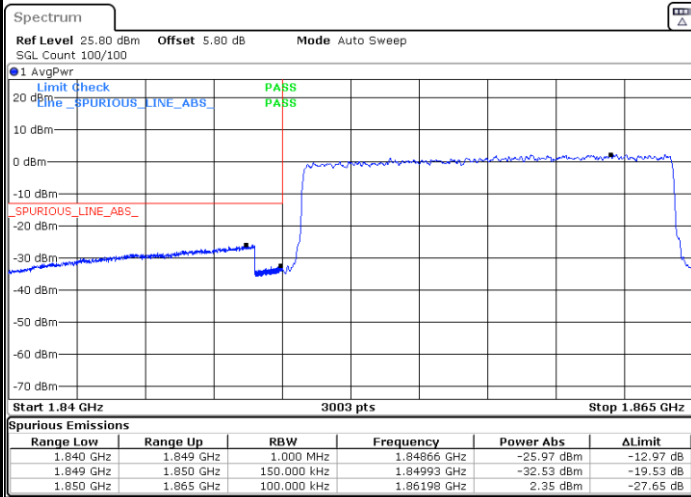
Date: 11.FEB.2025 03:10:28

Highest Band Edge / 1 RB



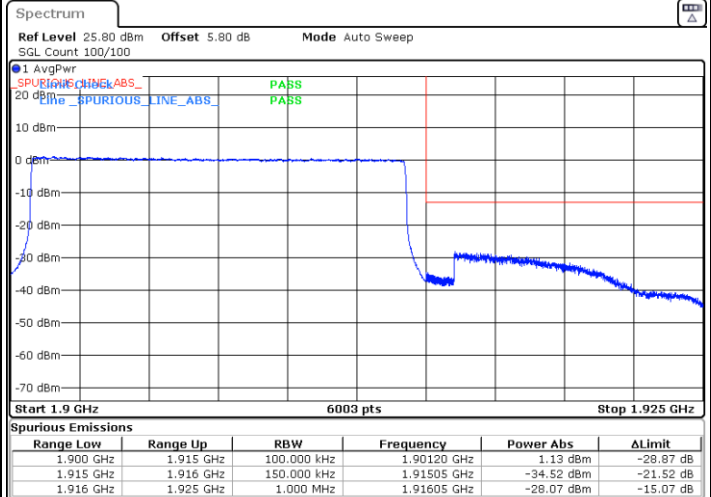
Date: 11.FEB.2025 03:25:04

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:14:27

Highest Band Edge / Full RB

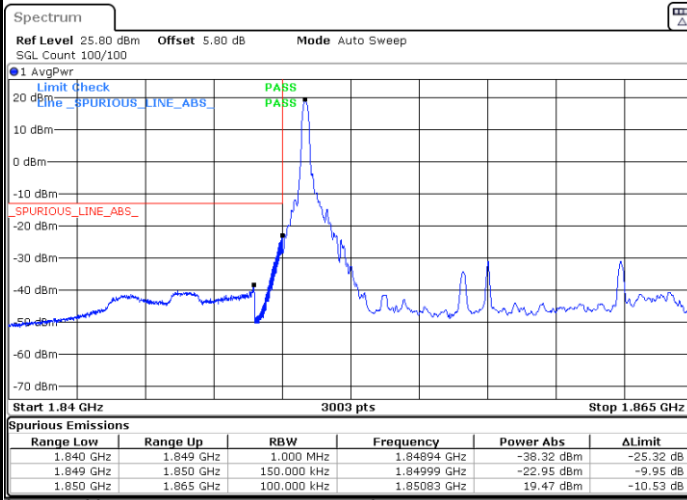


Date: 11.FEB.2025 03:18:26



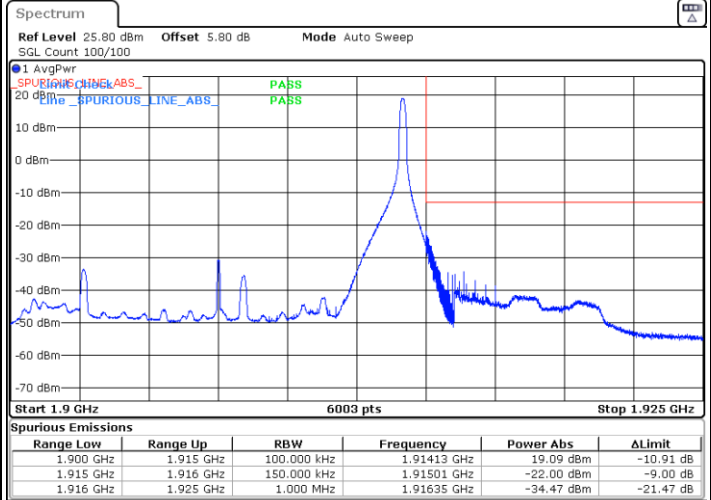
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



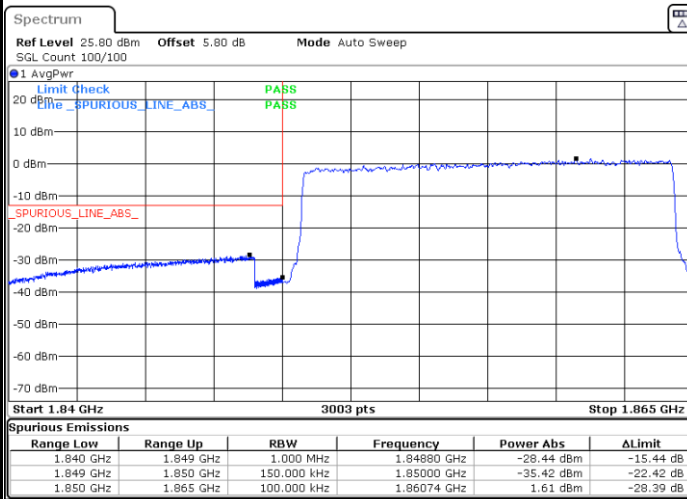
Date: 11.FEB.2025 03:11:47

Highest Band Edge / 1 RB



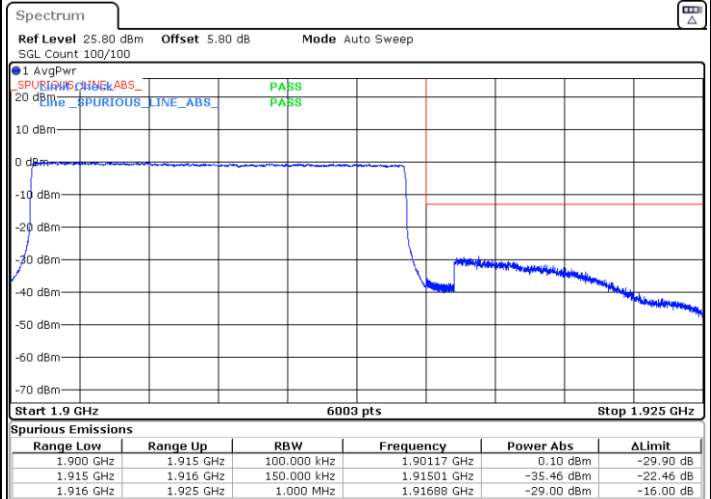
Date: 11.FEB.2025 03:23:44

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:15:46

Highest Band Edge / Full RB

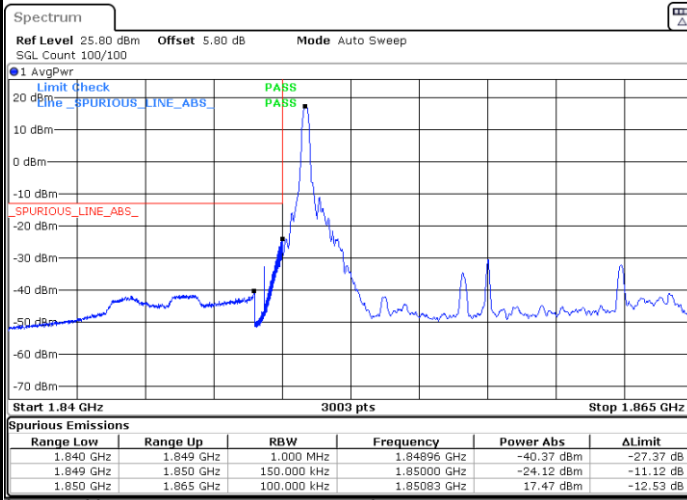


Date: 11.FEB.2025 03:19:46



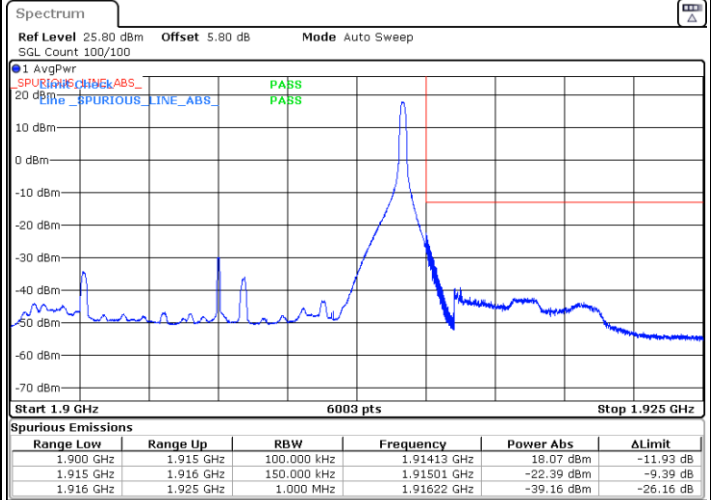
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



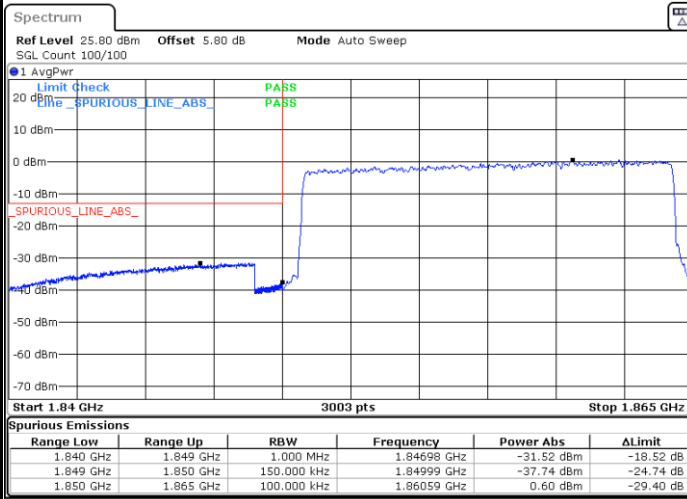
Date: 11.FEB.2025 03:13:07

Highest Band Edge / 1 RB



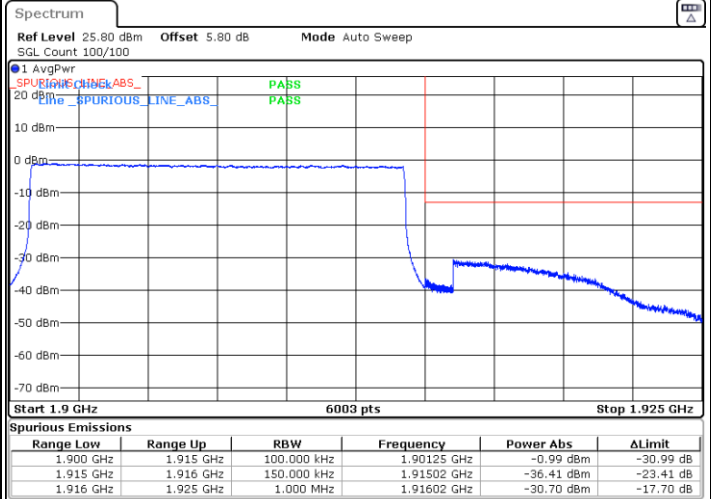
Date: 11.FEB.2025 03:22:25

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:17:06

Highest Band Edge / Full RB

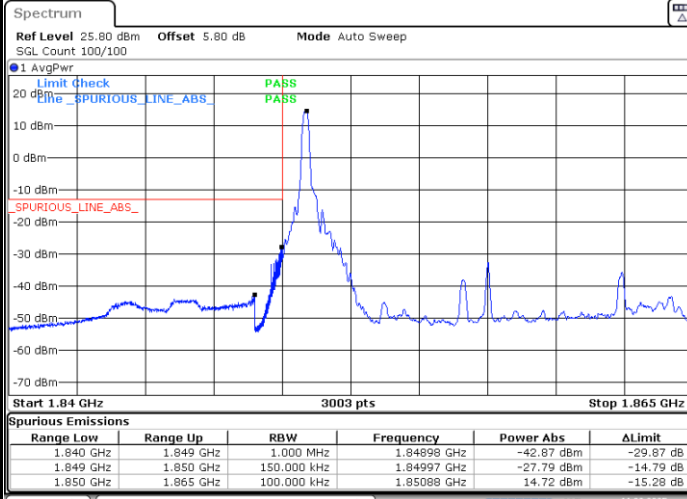


Date: 11.FEB.2025 03:21:05



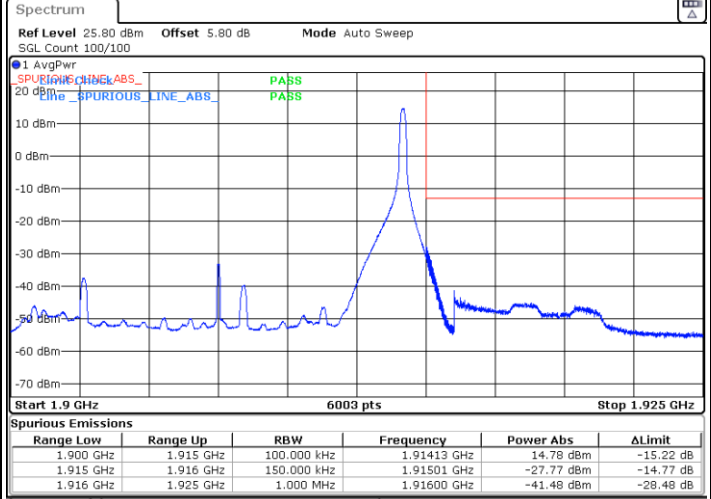
LTE Band 25 / 15MHz /256QAM

Lowest Band Edge / 1 RB



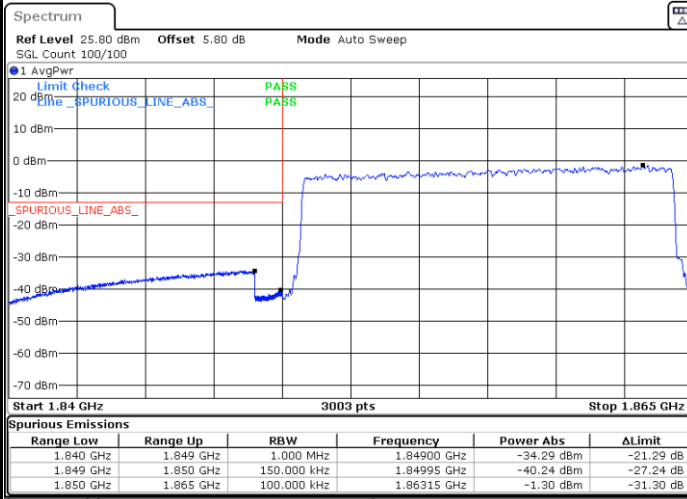
Date: 11.FEB.2025 05:11:04

Highest Band Edge / 1 RB



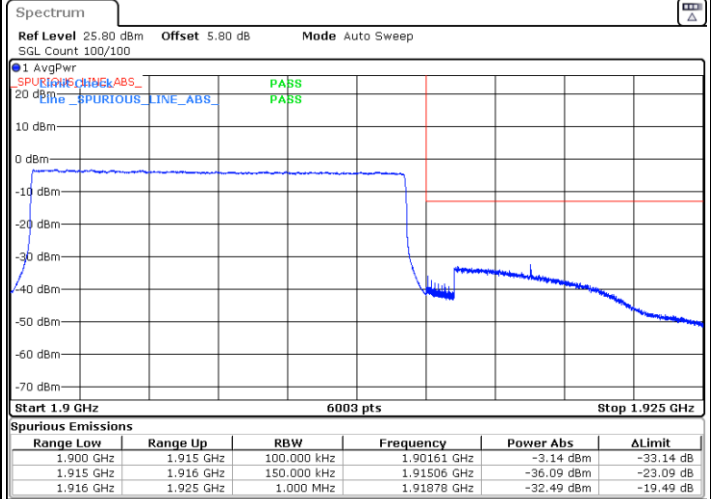
Date: 11.FEB.2025 05:15:12

Lowest Band Edge / Full RB



Date: 11.FEB.2025 05:12:10

Highest Band Edge / Full RB

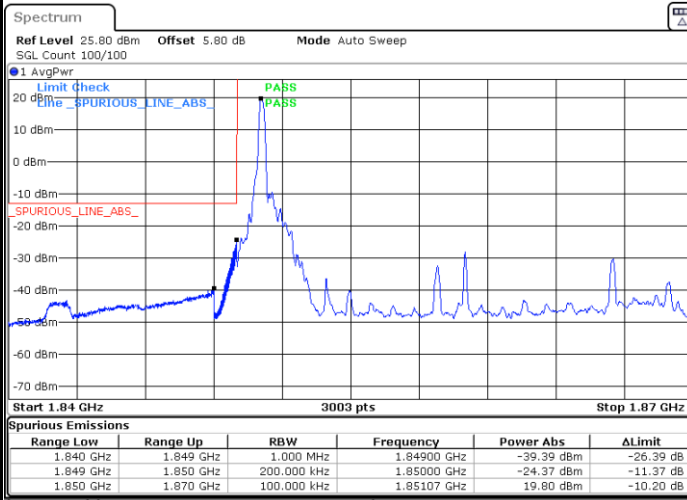


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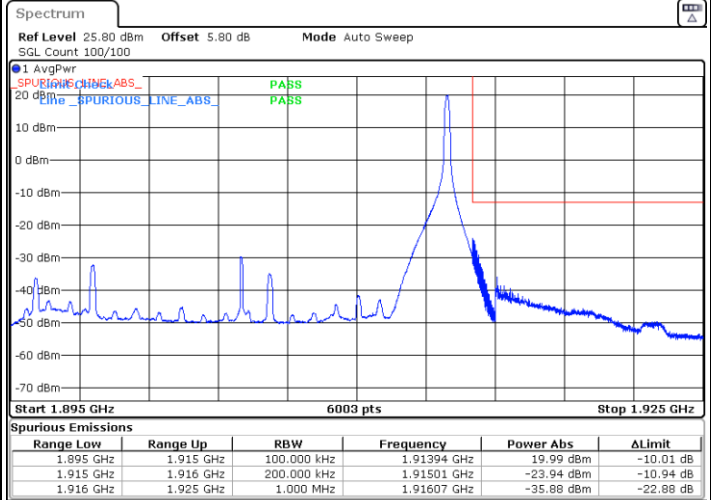
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



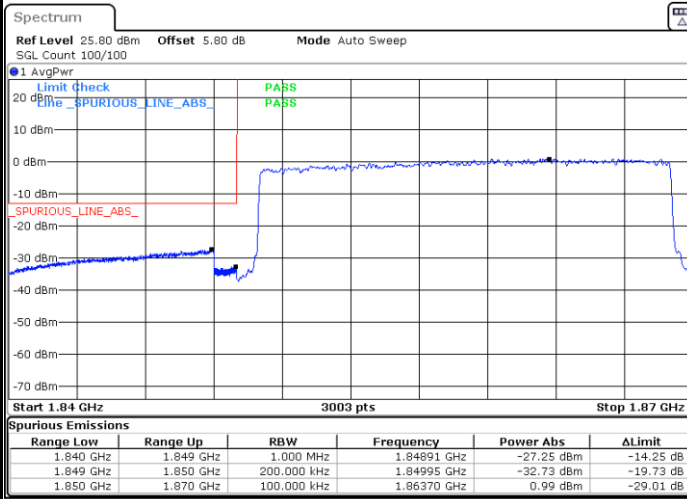
Date: 11.FEB.2025 03:26:24

Highest Band Edge / 1 RB



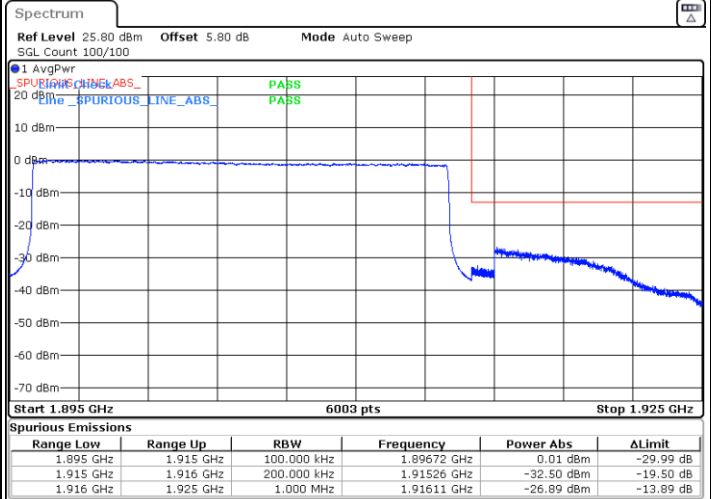
Date: 11.FEB.2025 03:38:23

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:30:23

Highest Band Edge / Full RB

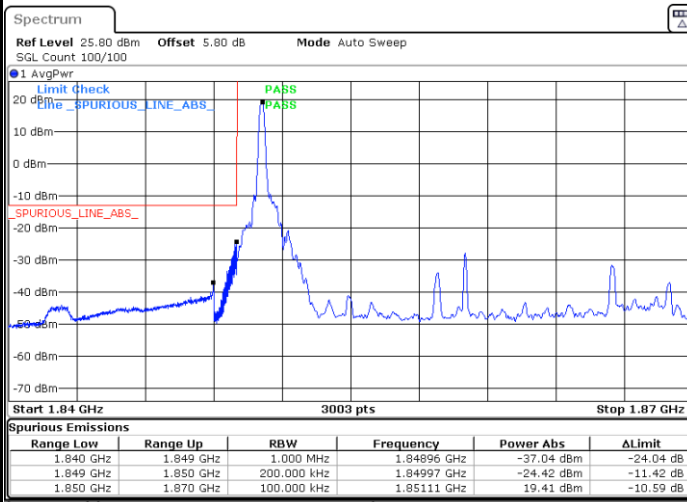


Date: 11.FEB.2025 03:34:22



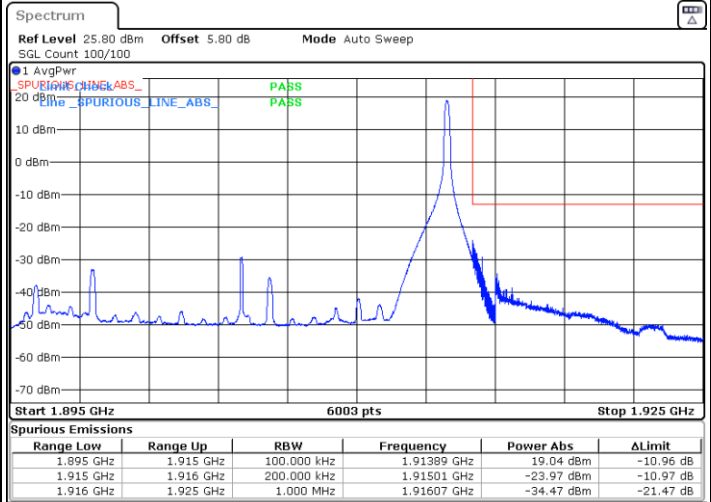
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



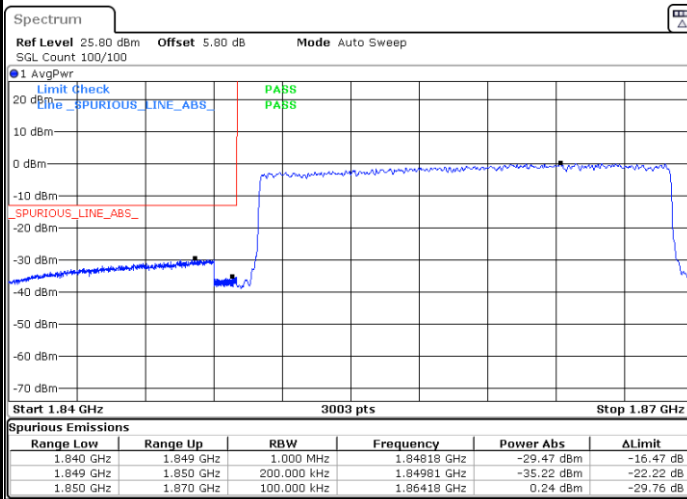
Date: 11.FEB.2025 03:27:44

Highest Band Edge / 1 RB



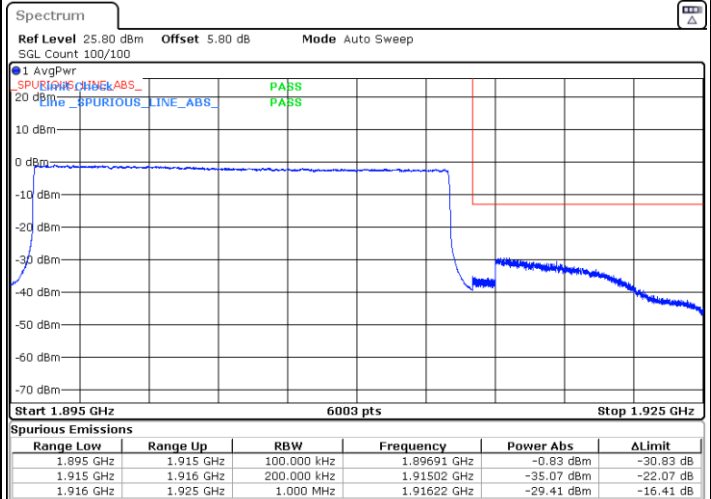
Date: 11.FEB.2025 03:39:42

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:31:42

Highest Band Edge / Full RB

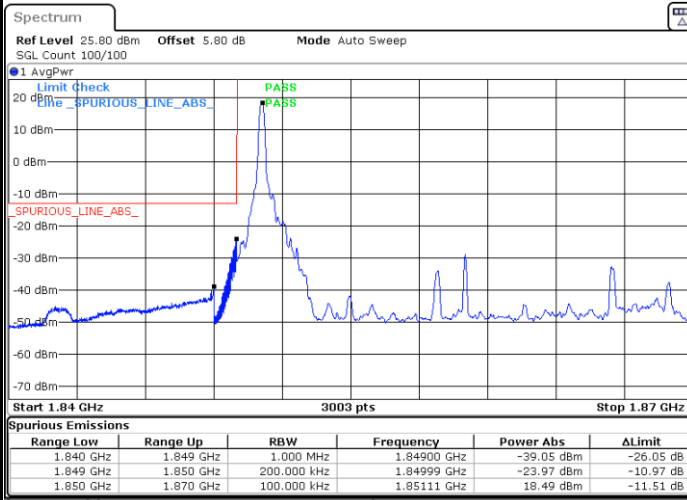


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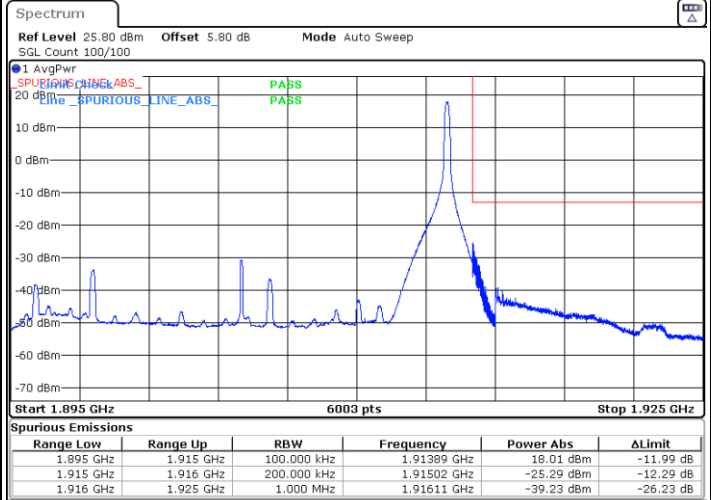
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



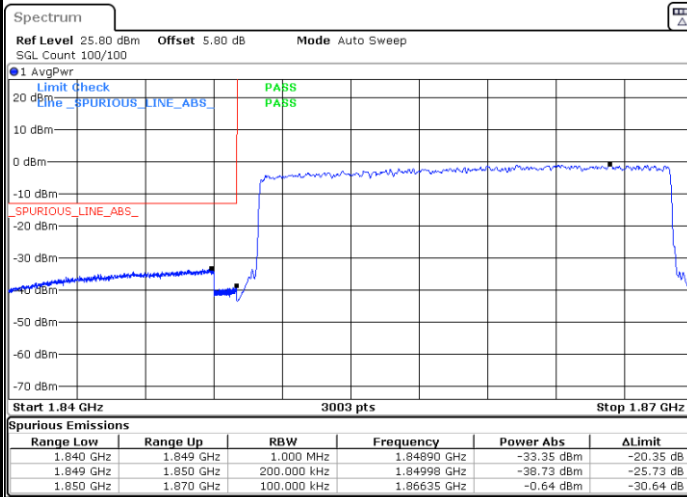
Date: 11.FEB.2025 03:29:03

Highest Band Edge / 1 RB



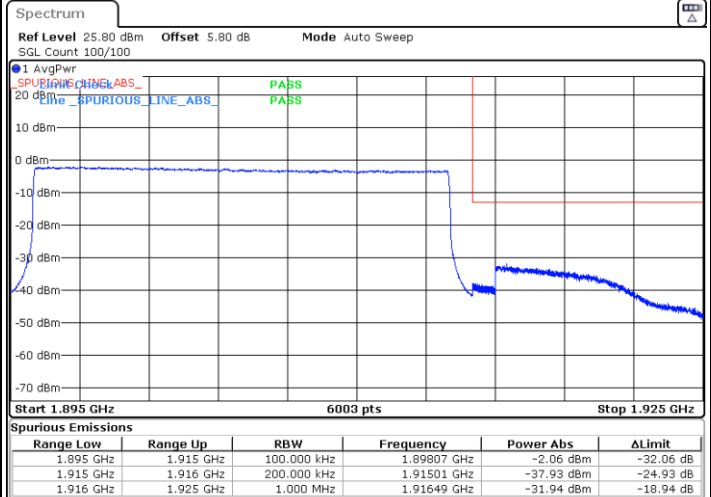
Date: 11.FEB.2025 03:41:02

Lowest Band Edge / Full RB



Date: 11.FEB.2025 03:33:02

Highest Band Edge / Full RB

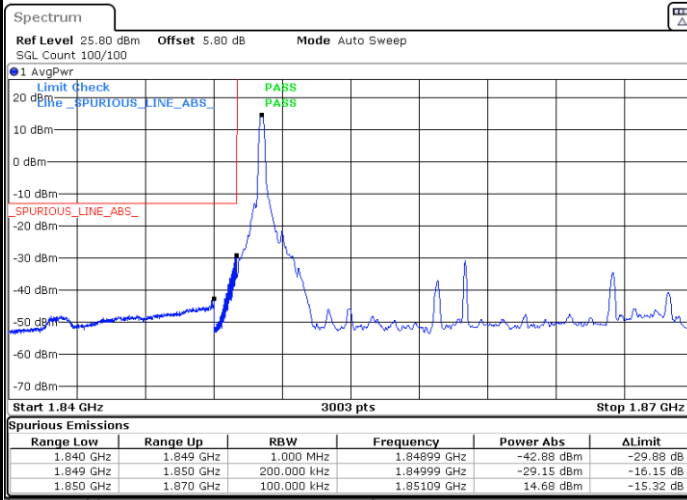


Date: 11.FEB.2025 03:37:03



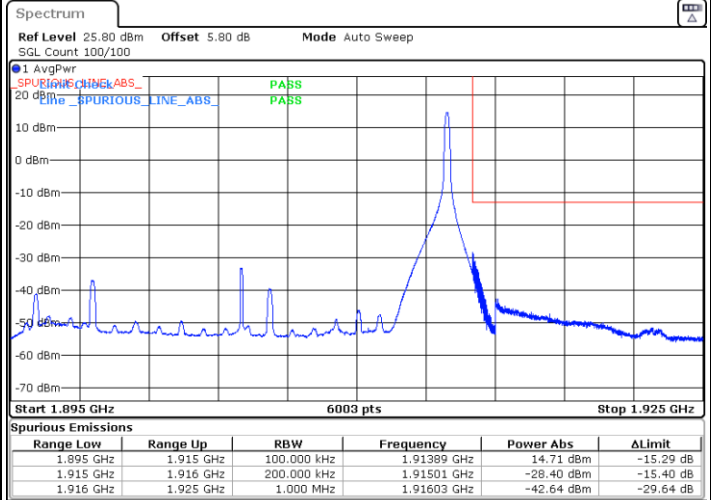
LTE Band 25 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



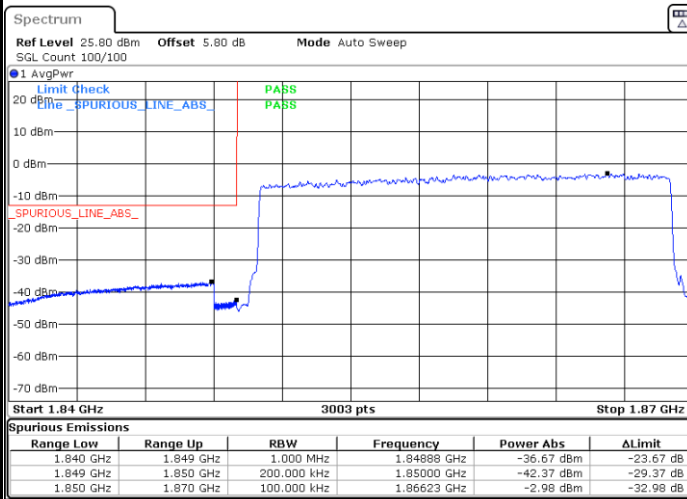
Date: 11.FEB.2025 05:17:12

Highest Band Edge / 1 RB



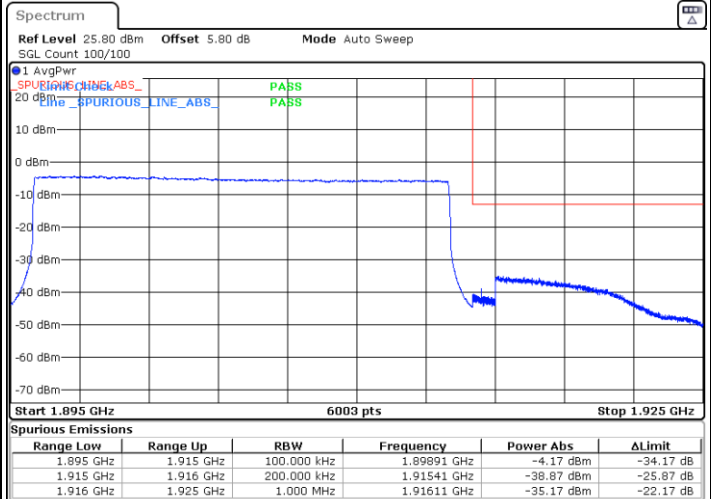
Date: 11.FEB.2025 05:22:42

Lowest Band Edge / Full RB



Date: 11.FEB.2025 05:19:21

Highest Band Edge / Full RB



Date: 11.FEB.2025 05:21:02



# Conducted Spurious Emission

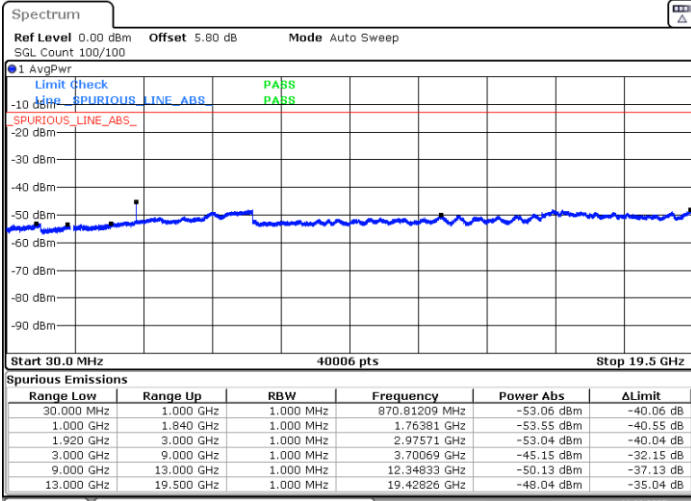




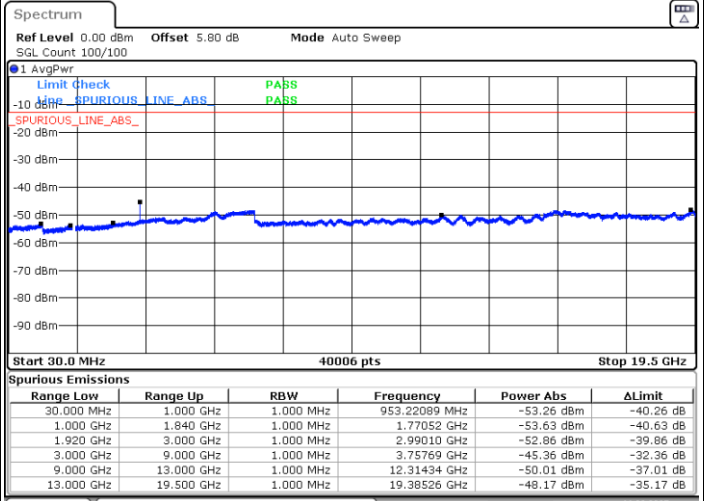
LTE Band 25 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

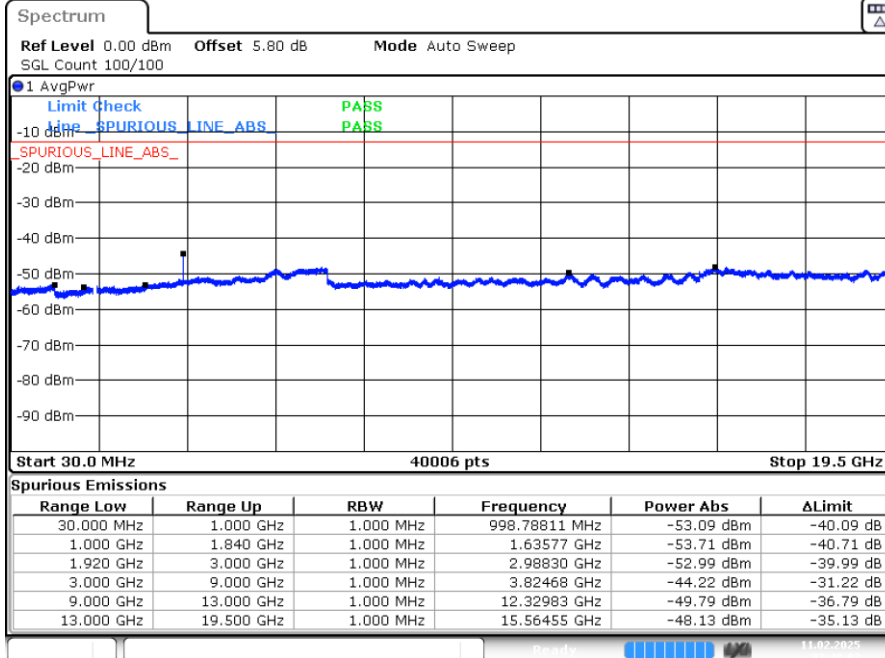


Date: 11.FEB.2025 03:46:22



Date: 11.FEB.2025 03:47:42

Highest Channel / QPSK



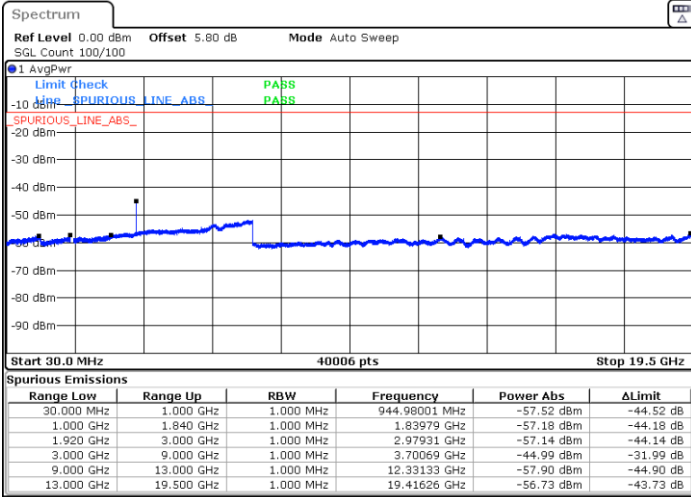
Date: 11.FEB.2025 03:49:02



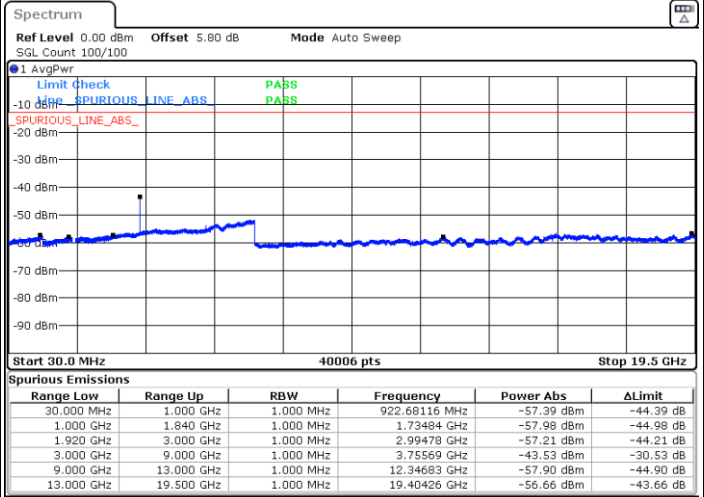
LTE Band 25 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

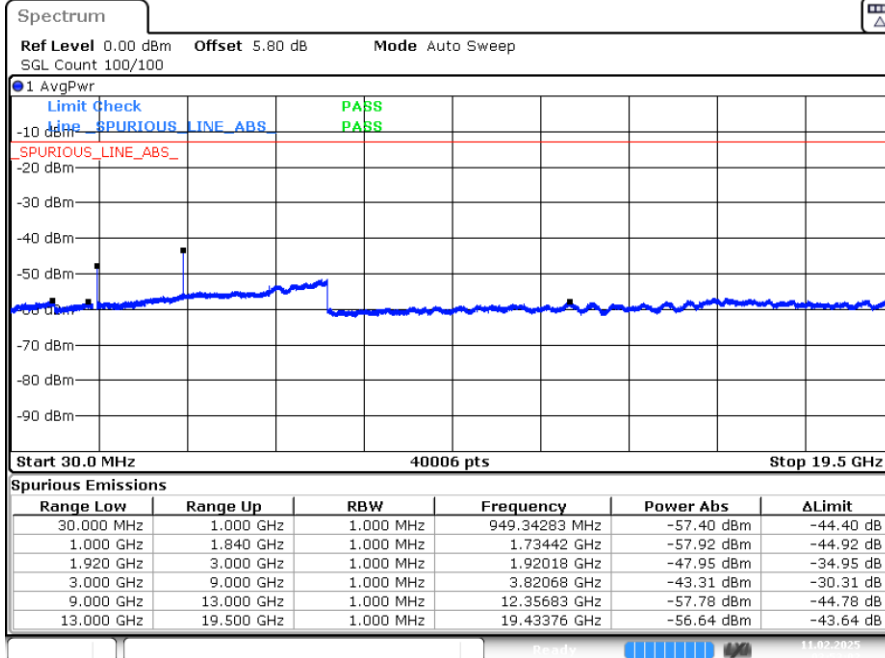


Date: 11.FEB.2025 03:50:23



Date: 11.FEB.2025 03:51:43

Highest Channel / QPSK



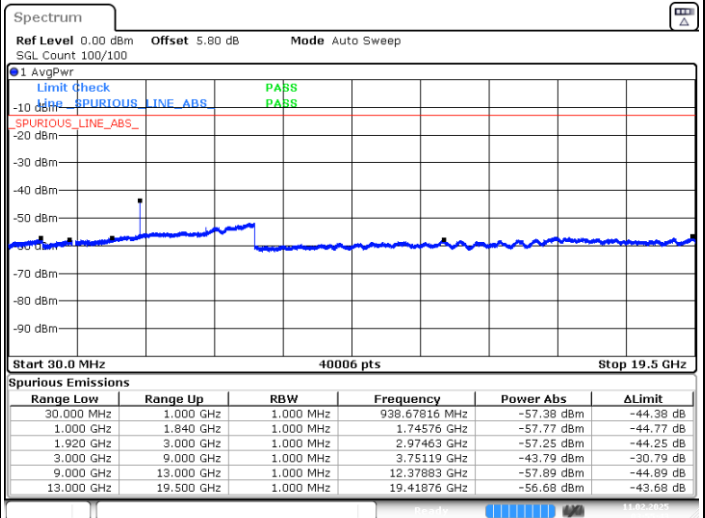
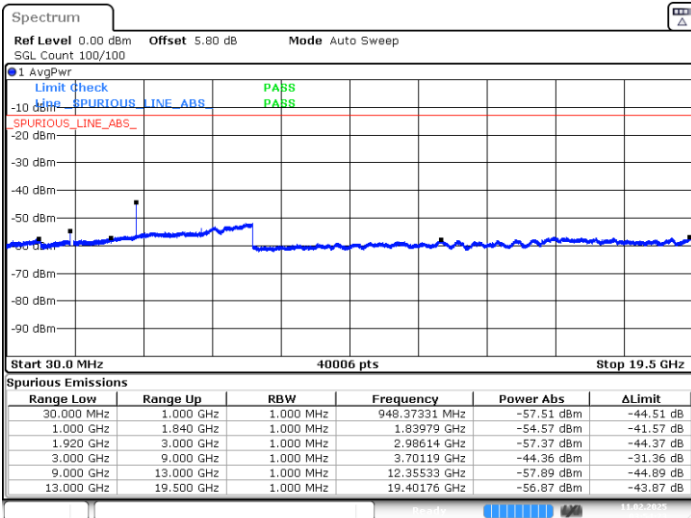
Date: 11.FEB.2025 03:53:03



LTE Band 25 / 10MHz

Lowest Channel / QPSK

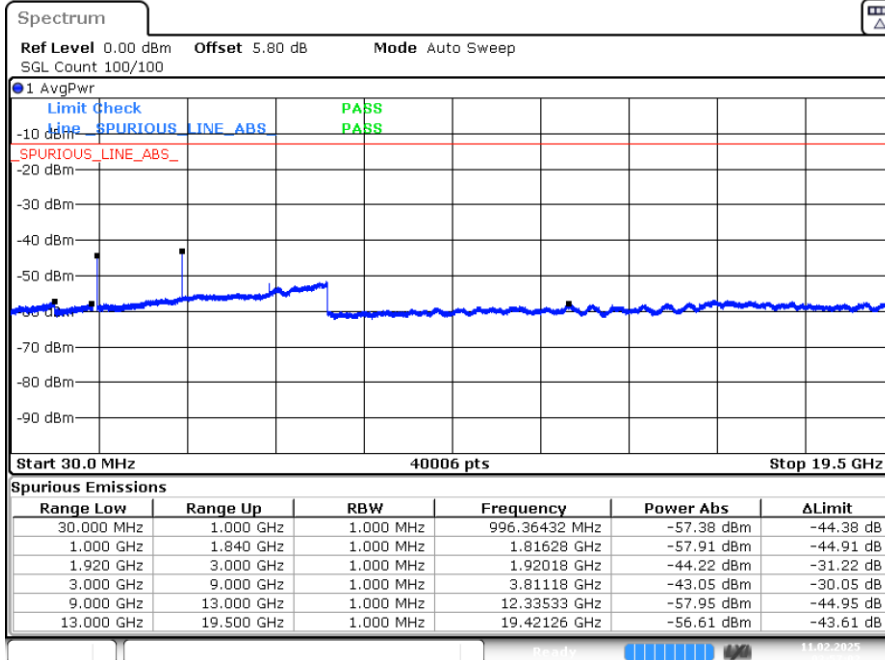
Middle Channel / QPSK



Date: 11.FEB.2025 03:54:23

Date: 11.FEB.2025 03:55:43

Highest Channel / QPSK



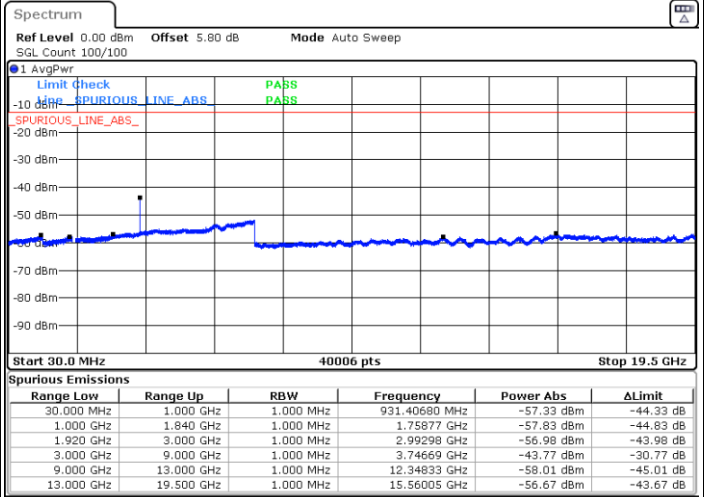
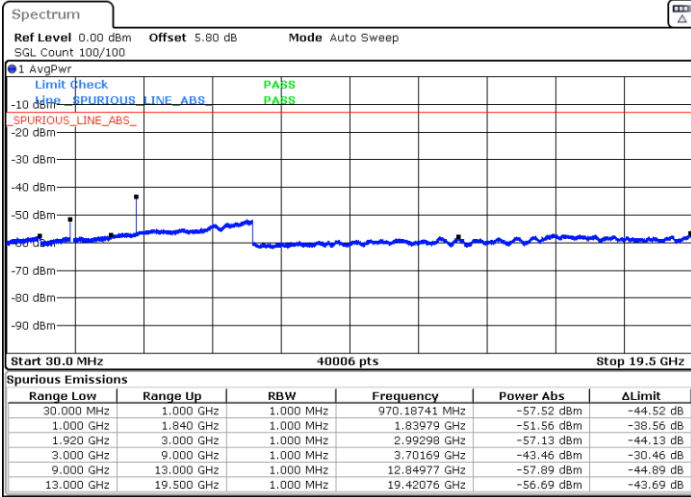
Date: 11.FEB.2025 03:57:02



LTE Band 25 / 15MHz

Lowest Channel / QPSK

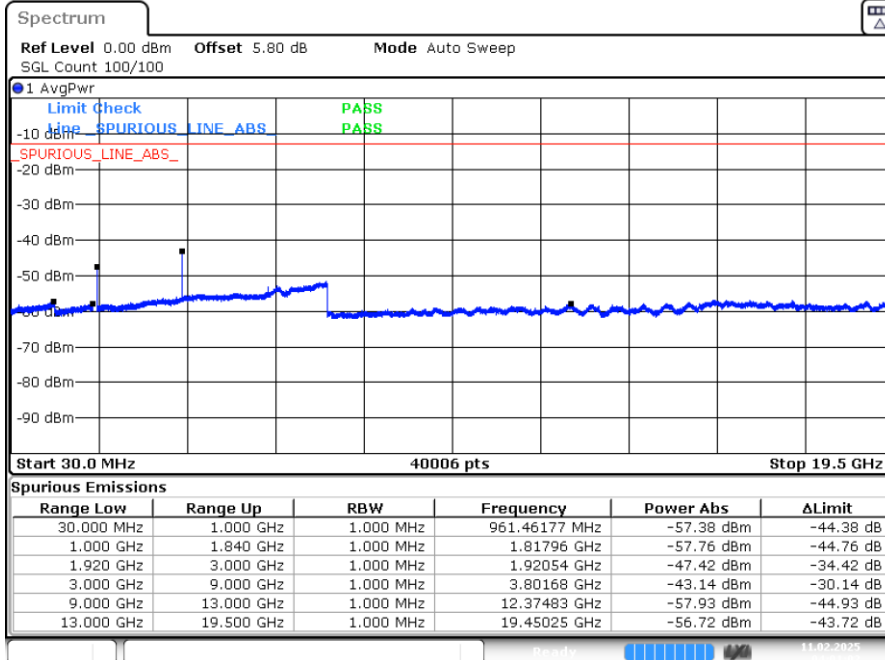
Middle Channel / QPSK



Date: 11.FEB.2025 03:58:23

Date: 11.FEB.2025 03:59:43

Highest Channel / QPSK



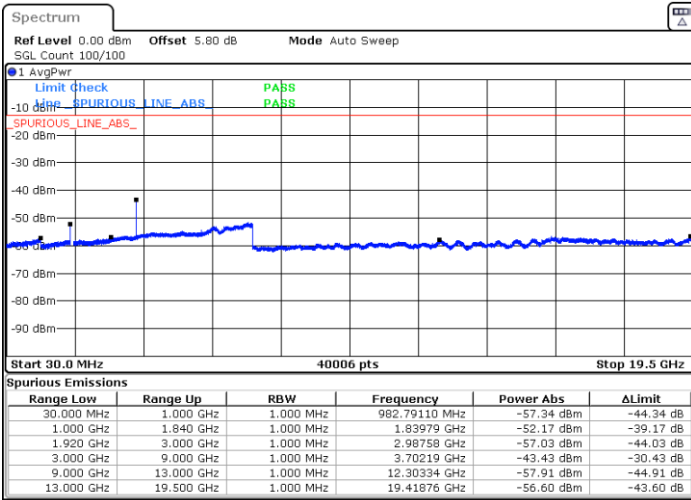
Date: 11.FEB.2025 04:01:02



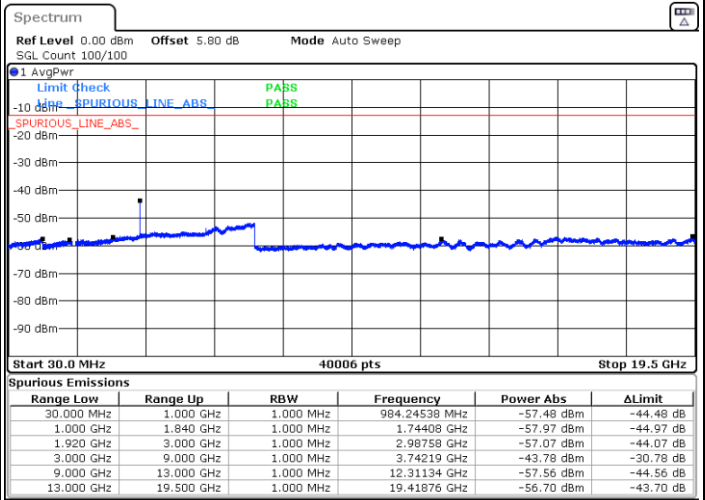
LTE Band 25 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK

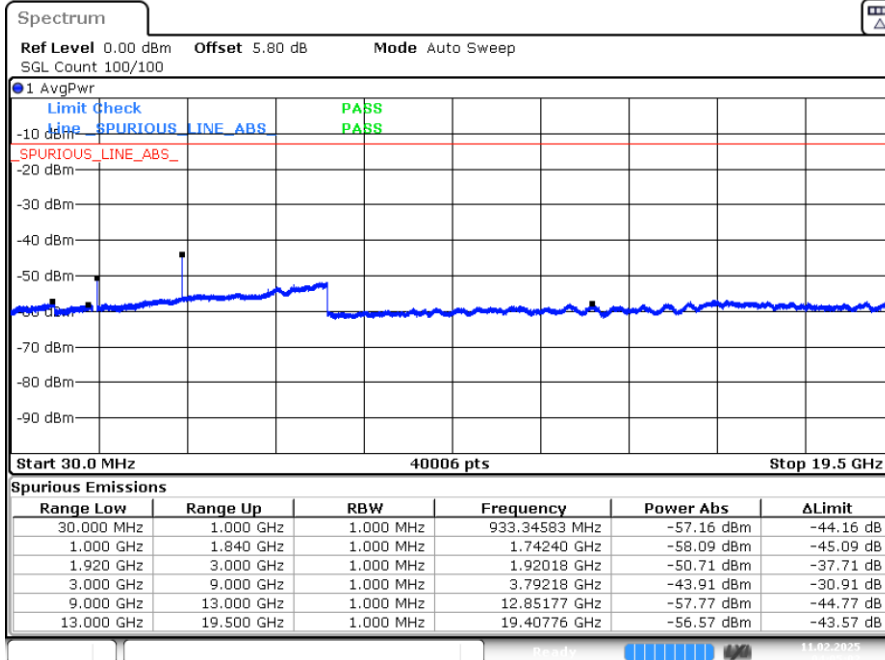


Date: 11.FEB.2025 04:02:23



Date: 11.FEB.2025 04:03:43

Highest Channel / QPSK



Date: 11.FEB.2025 04:05:03



### 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	0.0014	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0023	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0026	
0	Normal Voltage	0.0014	
-10	Normal Voltage	0.0014	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0033	
20	Maximum Voltage	0.0025	
20	Normal Voltage	0.0015	
20	Battery End Point	0.0011	

**Note:**

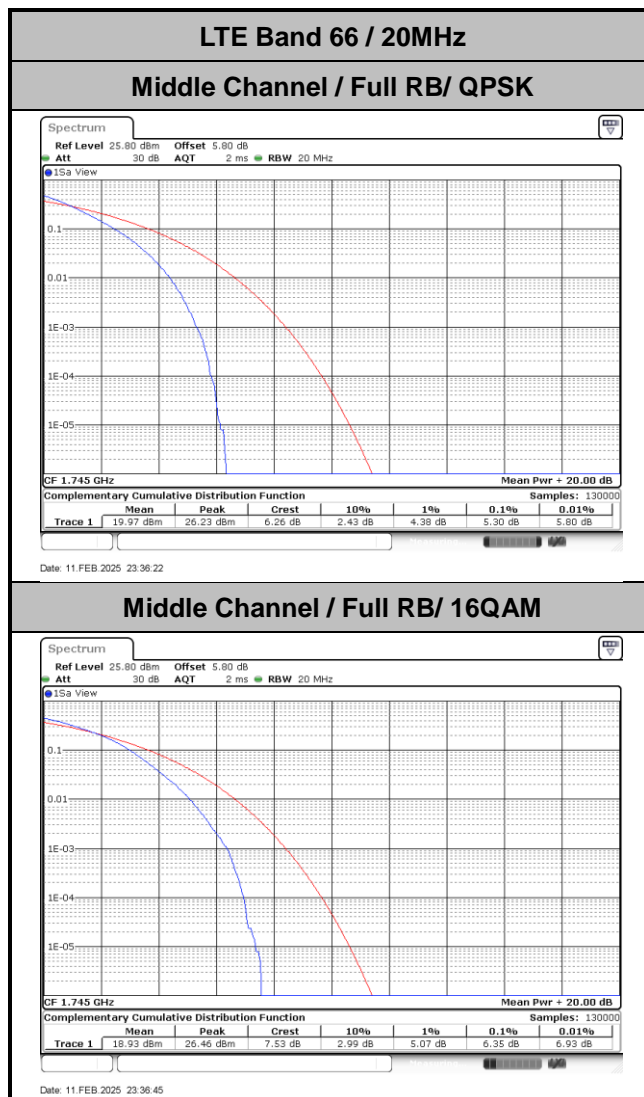
1. Normal Voltage =3.88V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.53 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

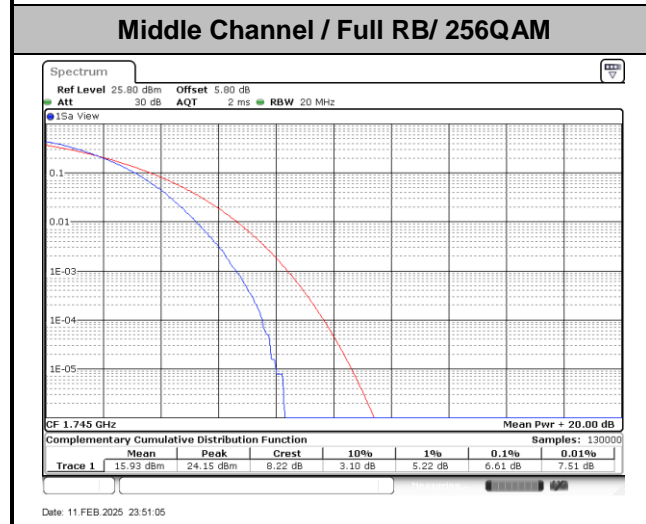
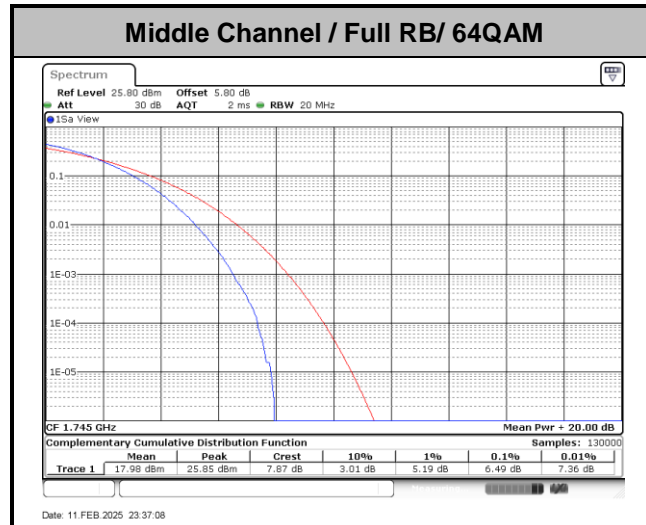


# LTE Band 66 for Main PA

## 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	5.3	6.35	6.49	6.61	PASS

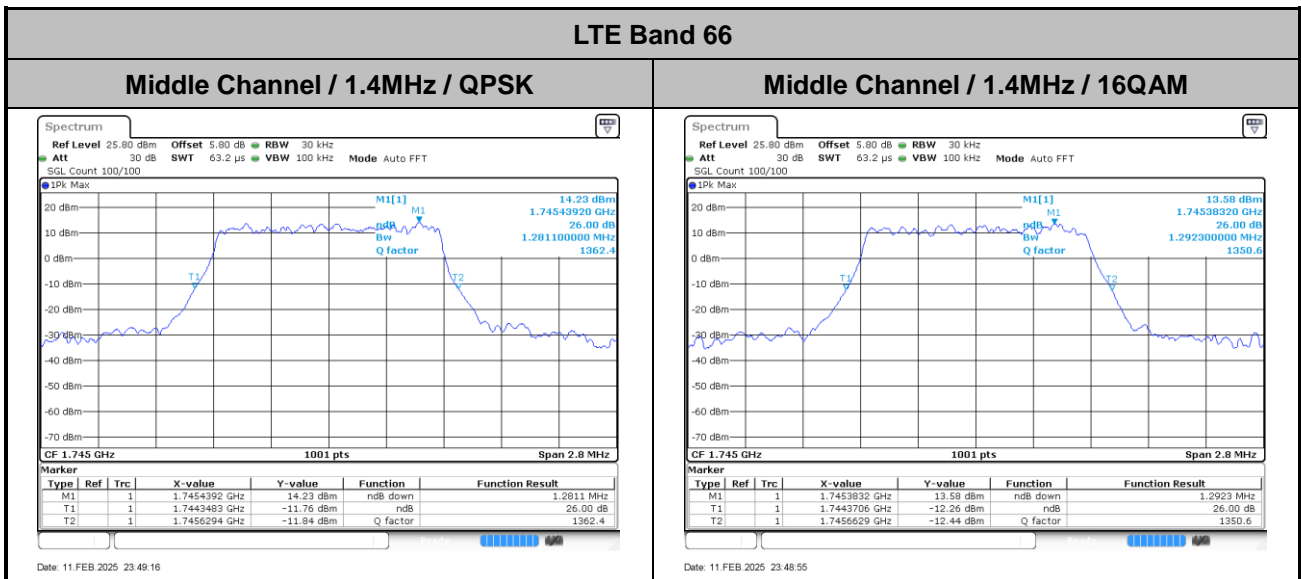






**26dB Bandwidth**

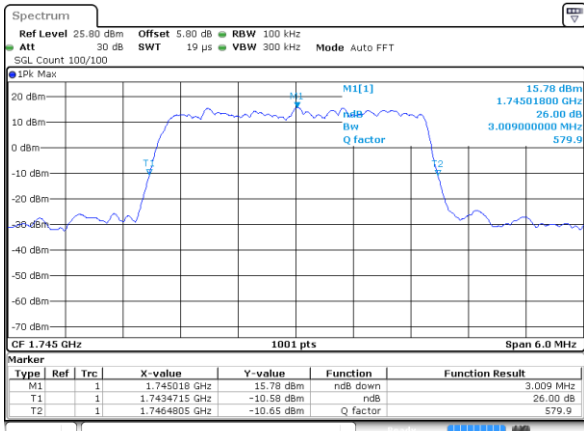
Mode	LTE Band 66 : 26dB BW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.28	1.29
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	3.01	2.99
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.89	4.79
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.81	9.75
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	14.36	14.24
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	18.70	19.02





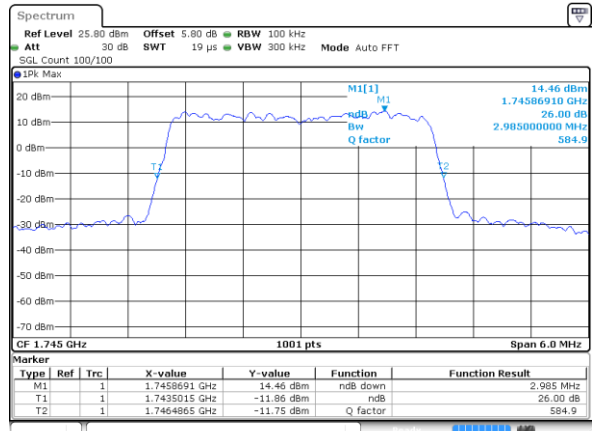
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 11.FEB.2025 23:47:29

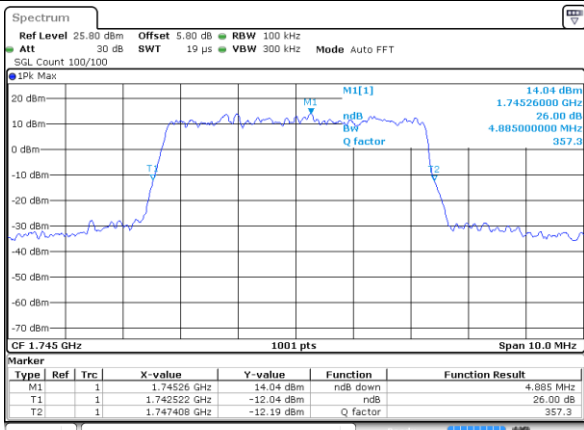
Middle Channel / 3MHz / 16QAM



Date: 11.FEB.2025 23:47:50

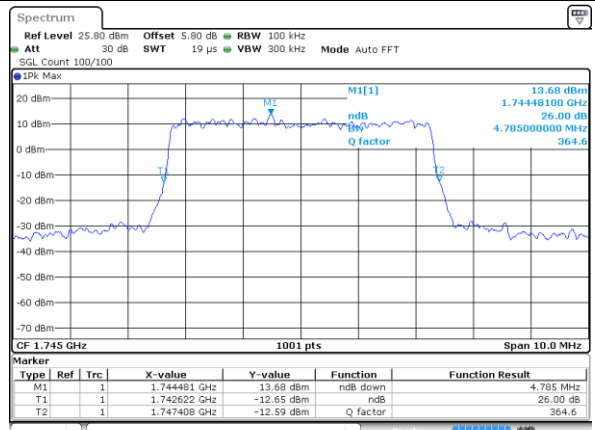
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 11.FEB.2025 23:46:25

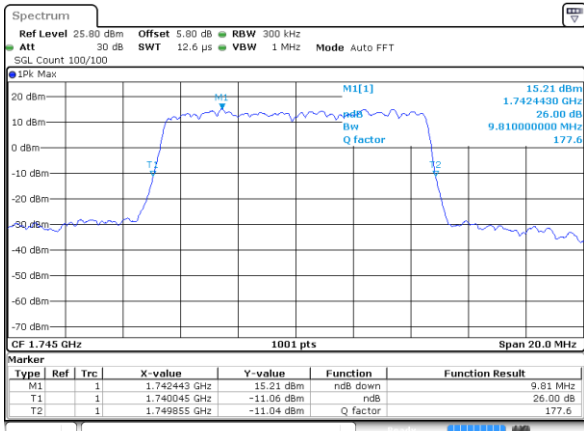
Middle Channel / 5MHz / 16QAM



Date: 11.FEB.2025 23:46:03

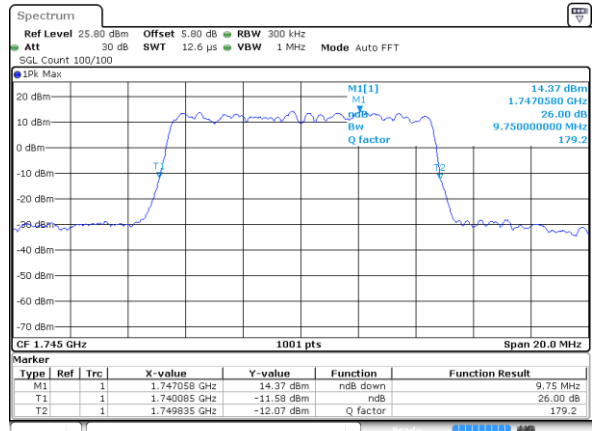
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 11.FEB.2025 23:44:38

Middle Channel / 10MHz / 16QAM

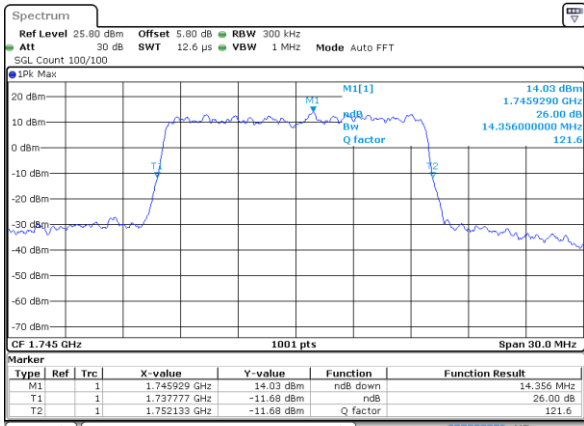


Date: 11.FEB.2025 23:44:59



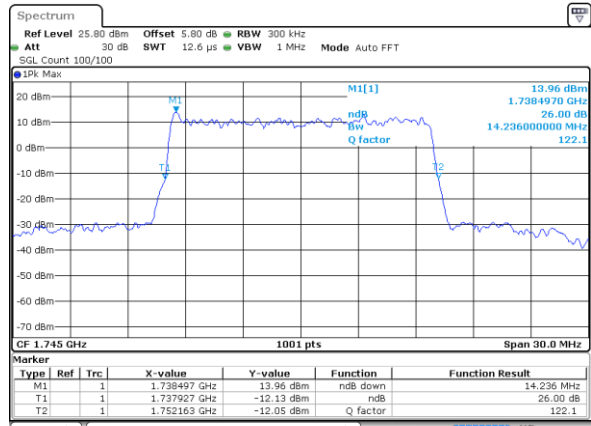
LTE Band 66

Middle Channel / 15MHz / QPSK



Date: 11.FEB.2025 23:43:34

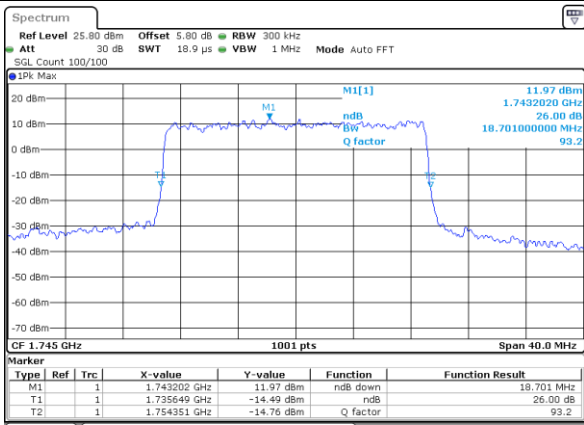
Middle Channel / 15MHz / 16QAM



Date: 11.FEB.2025 23:43:12

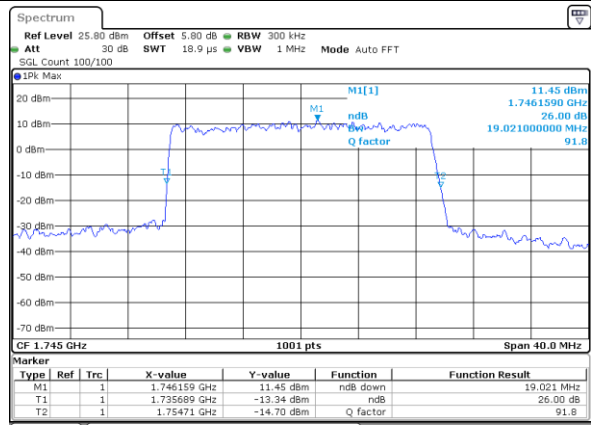
LTE Band 66

Middle Channel / 20MHz / QPSK



Date: 11.FEB.2025 23:41:47

Middle Channel / 20MHz / 16QAM

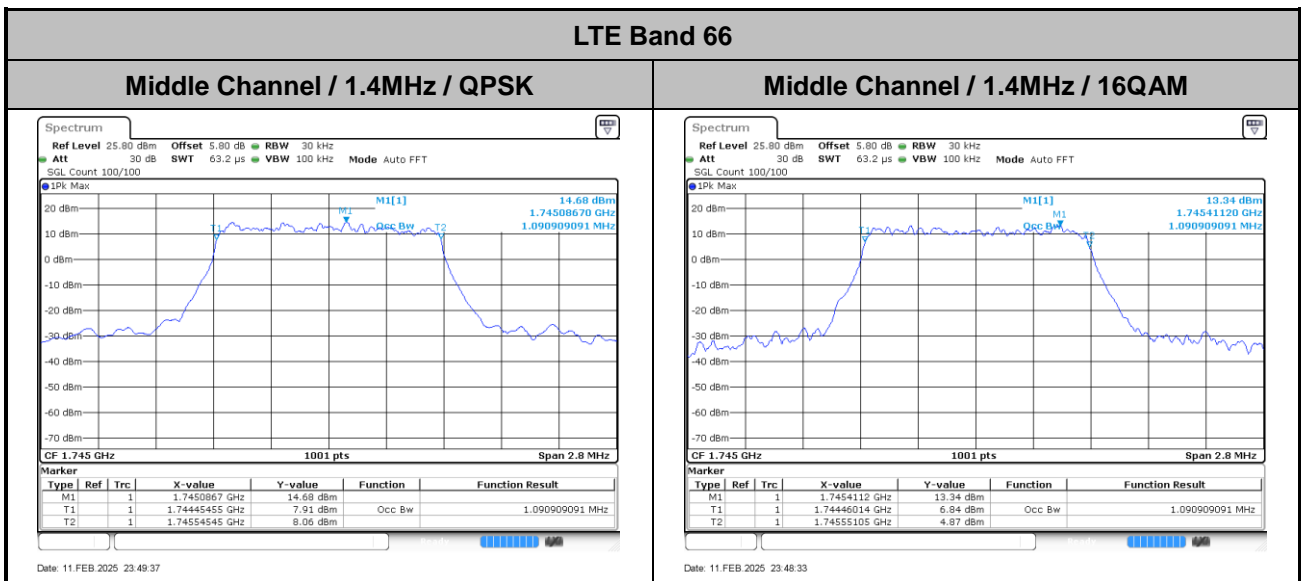


Date: 11.FEB.2025 23:42:08



## Occupied Bandwidth

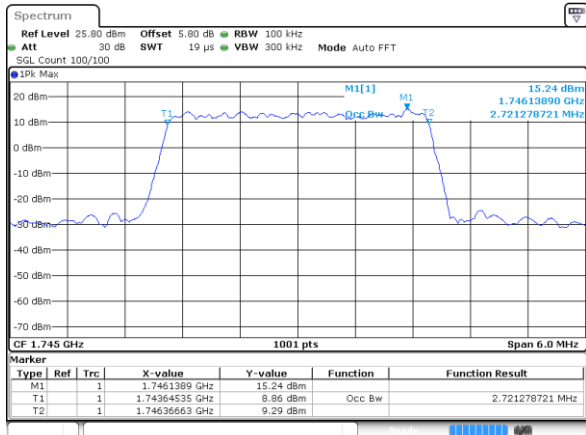
Mode	LTE Band 66 : 99%OBW(MHz)	
<b>BW</b>	<b>1.4MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	1.09	1.09
<b>BW</b>	<b>3MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	2.72	2.70
<b>BW</b>	<b>5MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	4.49	4.49
<b>BW</b>	<b>10MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	9.05	8.99
<b>BW</b>	<b>15MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	13.40	13.43
<b>BW</b>	<b>20MHz</b>	
<b>Mod.</b>	<b>QPSK</b>	<b>16QAM</b>
<b>Middle CH</b>	17.90	17.94





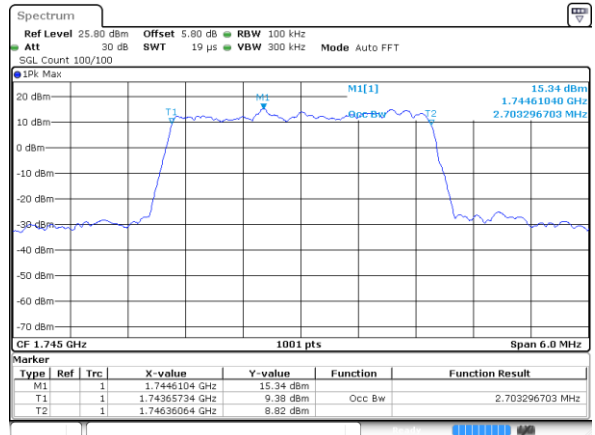
LTE Band 66

Middle Channel / 3MHz / QPSK



Date: 11.FEB.2025 23:47:08

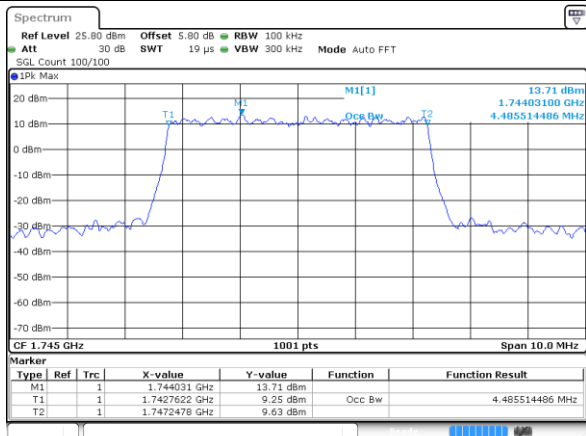
Middle Channel / 3MHz / 16QAM



Date: 11.FEB.2025 23:48:12

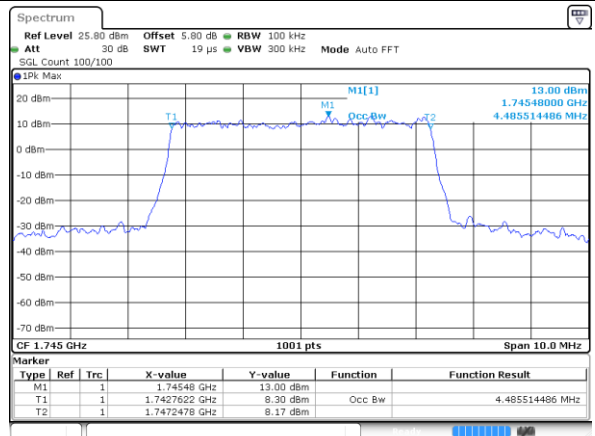
LTE Band 66

Middle Channel / 5MHz / QPSK



Date: 11.FEB.2025 23:46:46

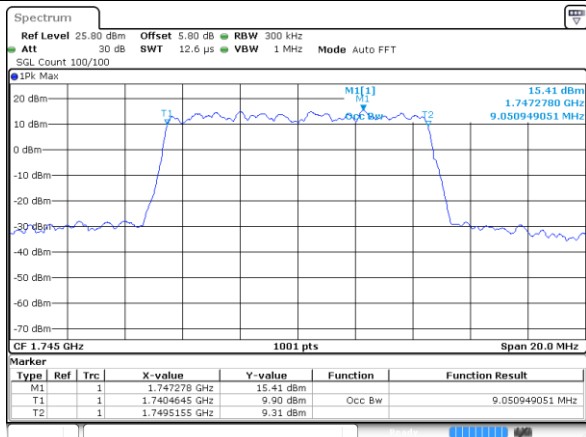
Middle Channel / 5MHz / 16QAM



Date: 11.FEB.2025 23:45:42

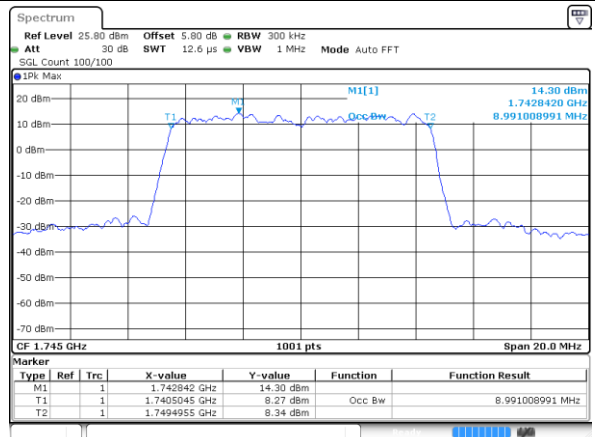
LTE Band 66

Middle Channel / 10MHz / QPSK



Date: 11.FEB.2025 23:44:17

Middle Channel / 10MHz / 16QAM



Date: 11.FEB.2025 23:45:20