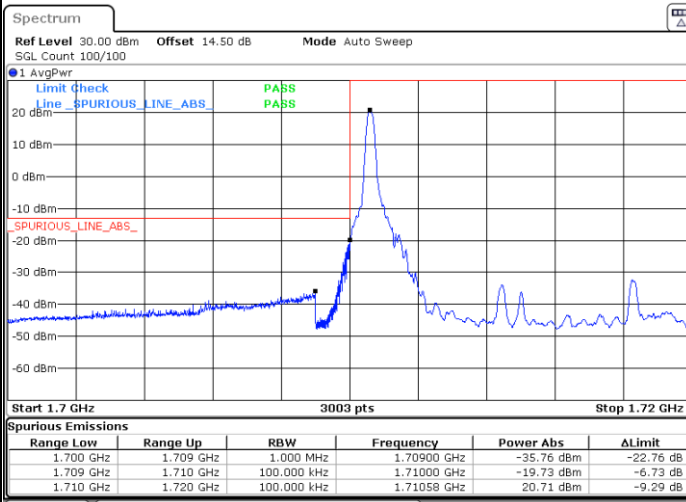




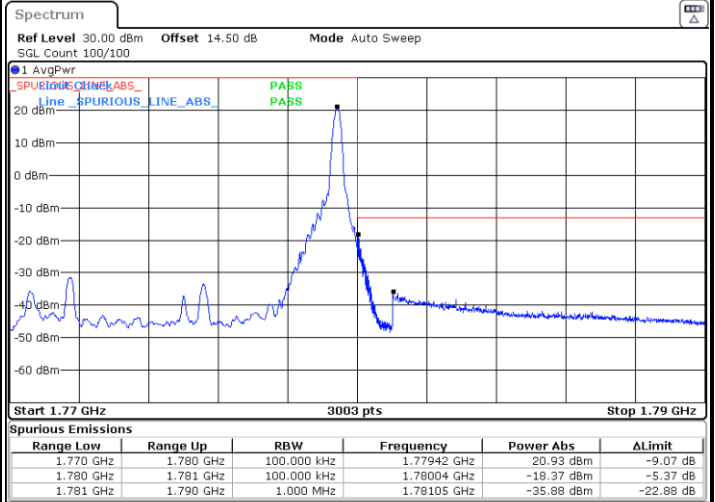
LTE Band 66 / 10MHz / QPSK

Lowest Band Edge / 1RB



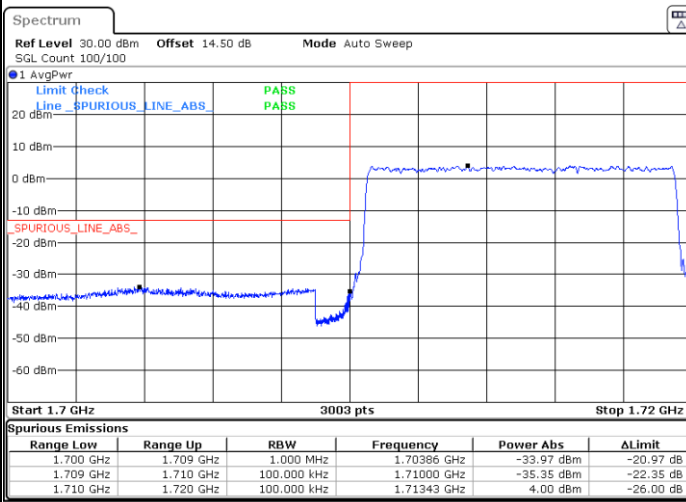
Date: 28 DEC.2024 19:53:54

Highest Band Edge / 1RB



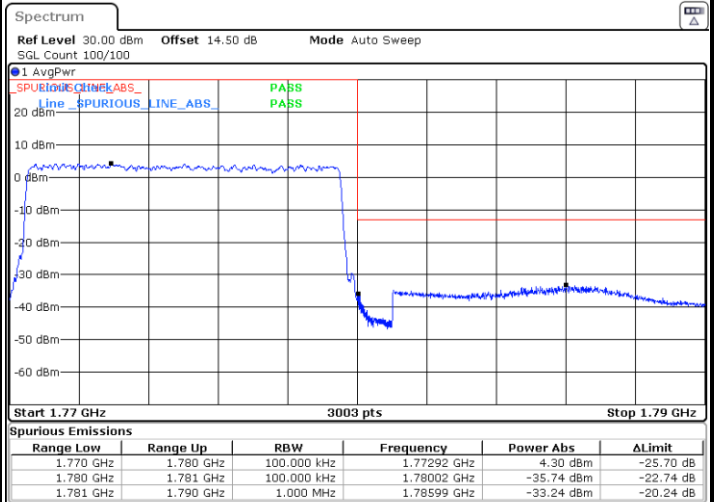
Date: 28 DEC.2024 20:01:56

Lowest Band Edge / Full RB



Date: 28 DEC.2024 19:56:11

Highest Band Edge / Full RB

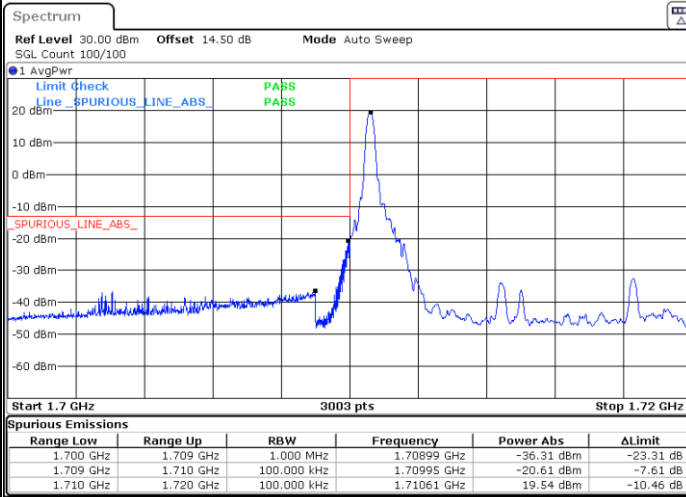


Date: 28 DEC.2024 20:04:13



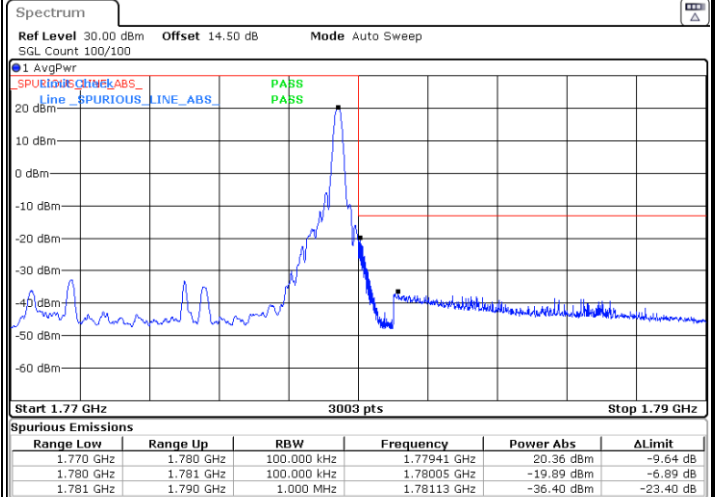
LTE Band 66 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



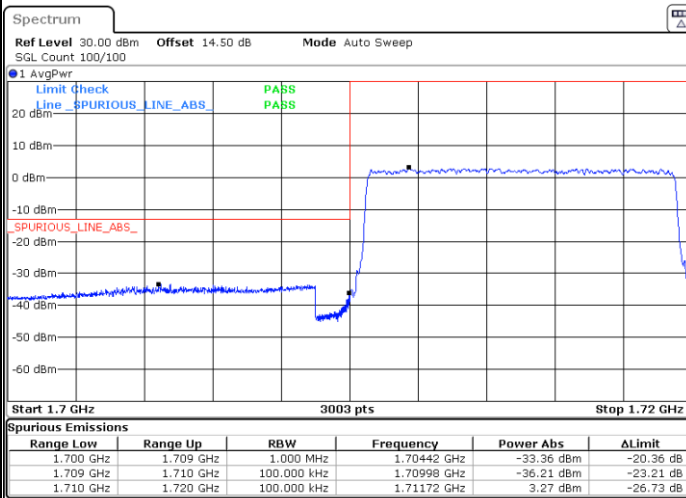
Date: 28 DEC 2024 19:54:40

Highest Band Edge / 1 RB



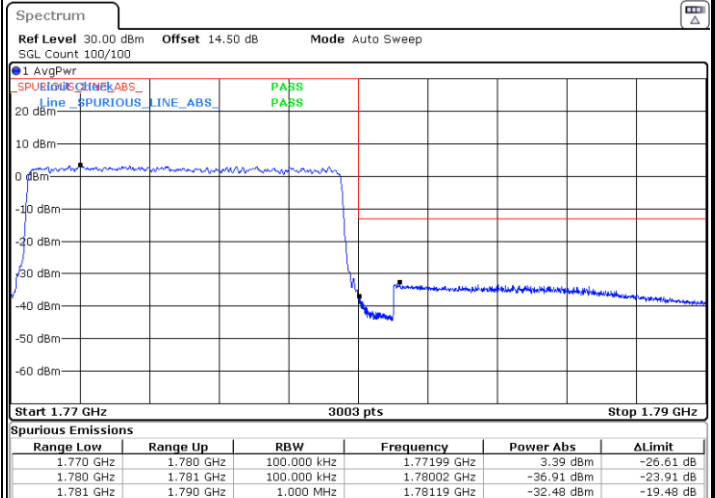
Date: 28 DEC 2024 20:02:42

Lowest Band Edge / Full RB



Date: 28 DEC 2024 19:56:56

Highest Band Edge / Full RB

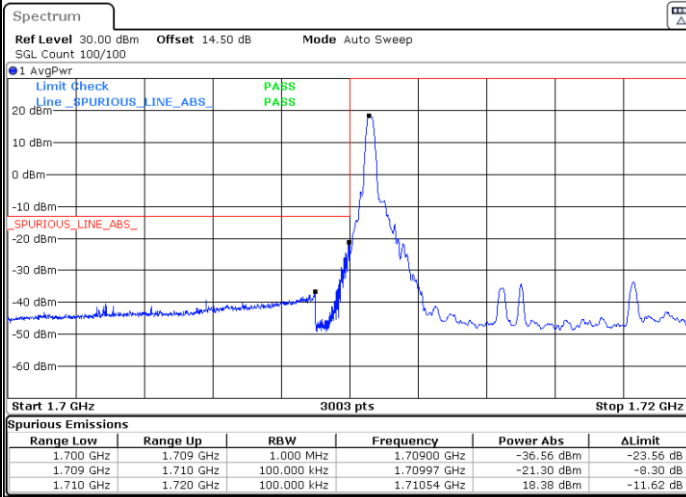


Date: 28 DEC 2024 20:04:59



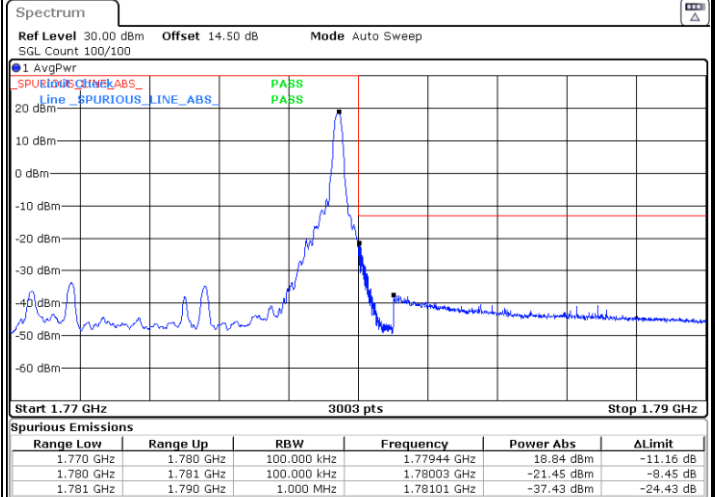
LTE Band 66 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



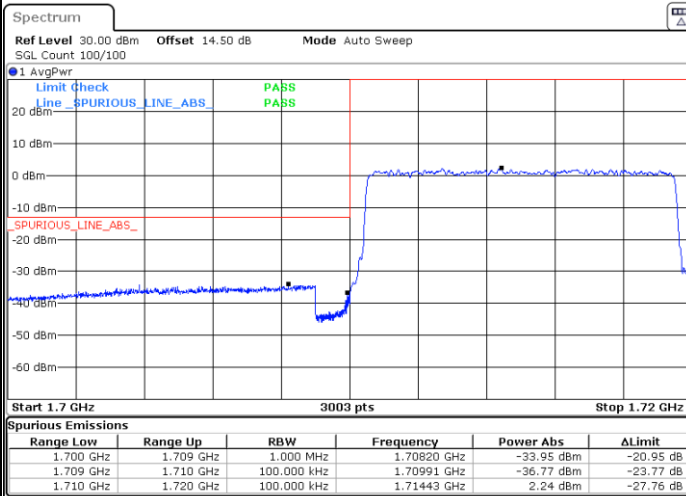
Date: 28 DEC 2024 19:55:25

Highest Band Edge / 1 RB



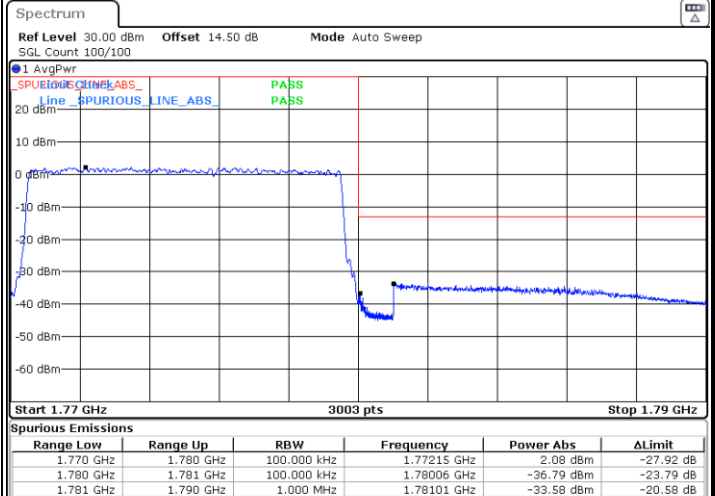
Date: 28 DEC 2024 20:03:27

Lowest Band Edge / Full RB



Date: 28 DEC 2024 19:57:42

Highest Band Edge / Full RB

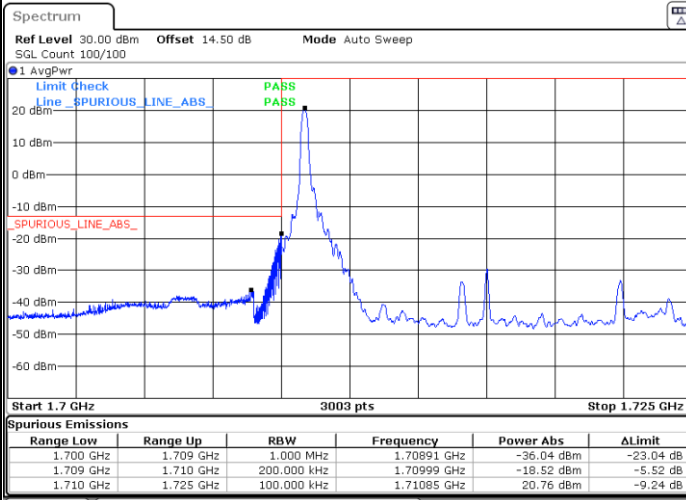


Date: 28 DEC 2024 20:05:44



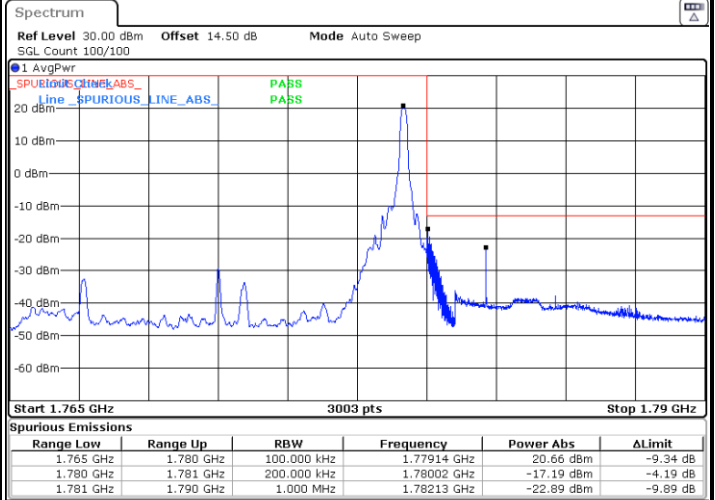
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1RB



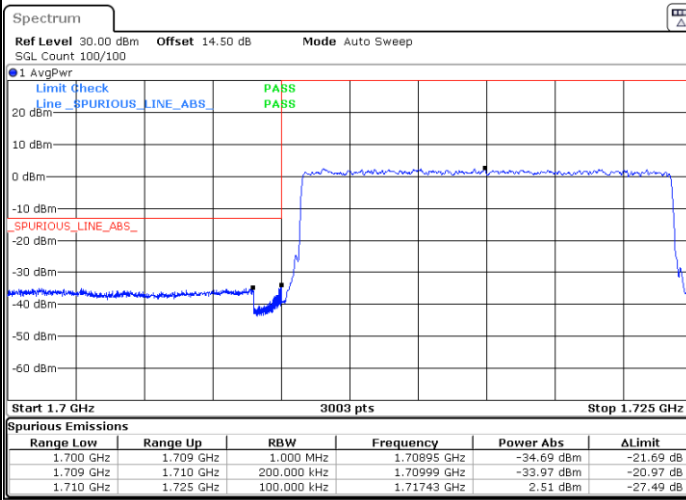
Date: 28 DEC.2024 20:08:17

Highest Band Edge / 1RB



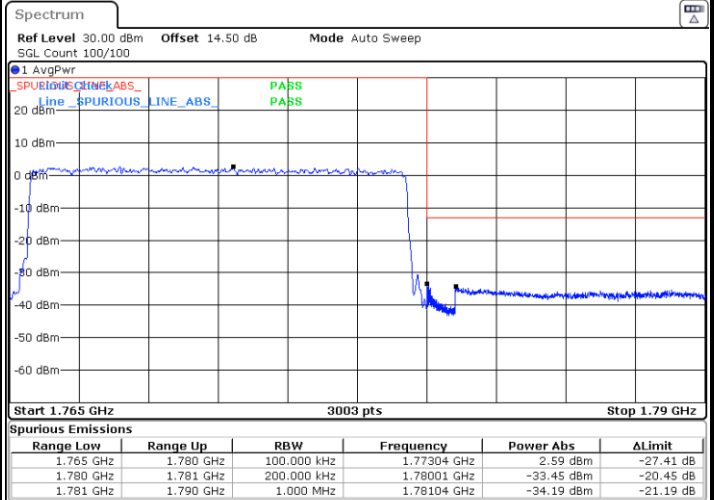
Date: 28 DEC.2024 20:16:20

Lowest Band Edge / Full RB



Date: 28 DEC.2024 20:10:34

Highest Band Edge / Full RB

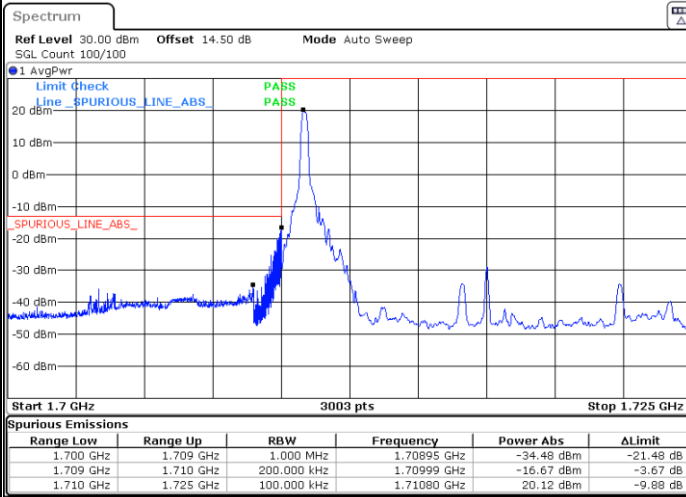


Date: 28 DEC.2024 20:18:37



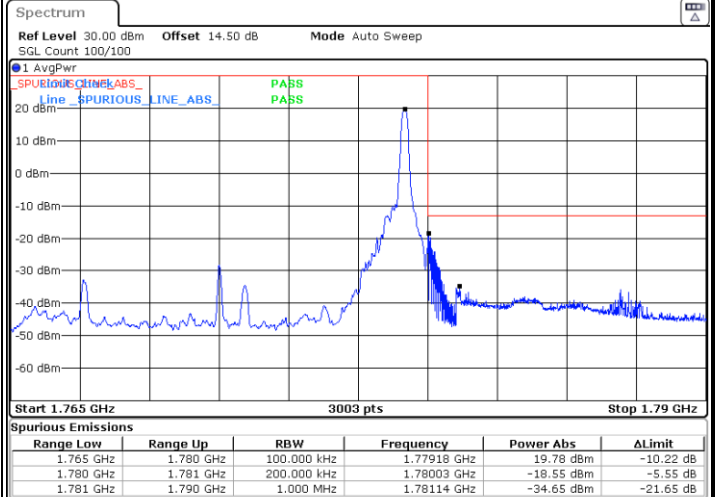
LTE Band 66 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



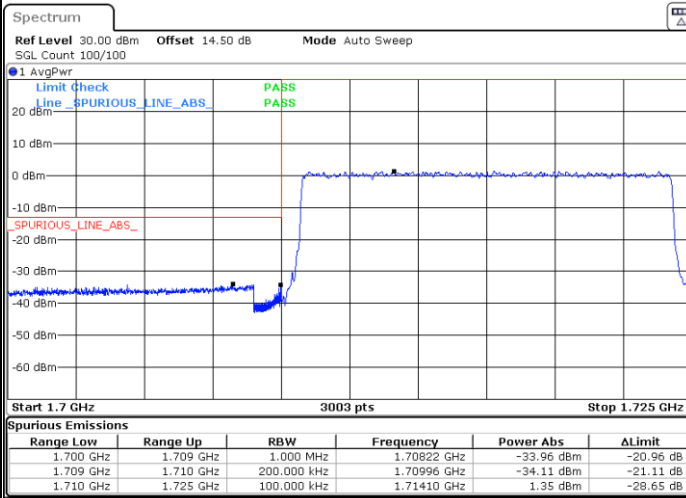
Date: 28 DEC 2024 20:09:03

Highest Band Edge / 1 RB



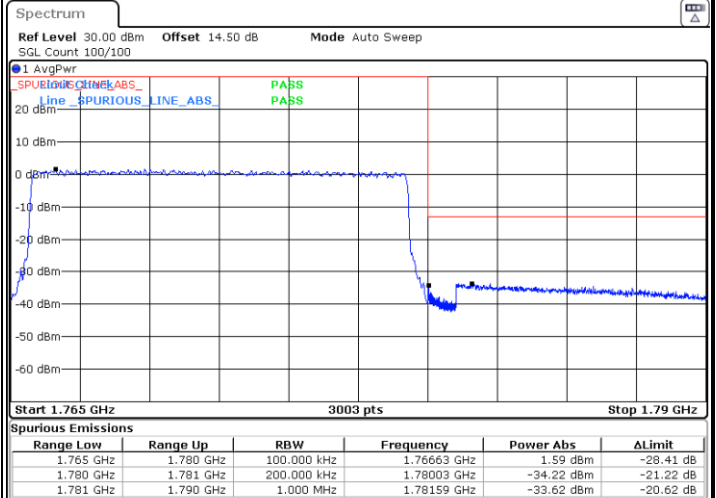
Date: 28 DEC 2024 20:17:06

Lowest Band Edge / Full RB



Date: 28 DEC 2024 20:11:20

Highest Band Edge / Full RB

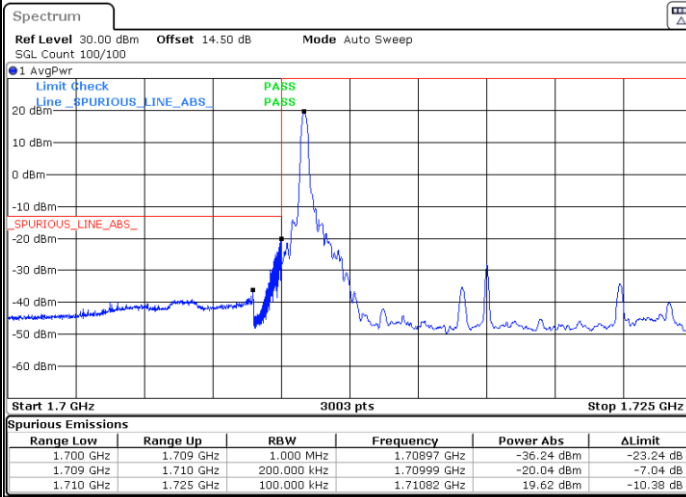


Date: 28 DEC 2024 20:19:23



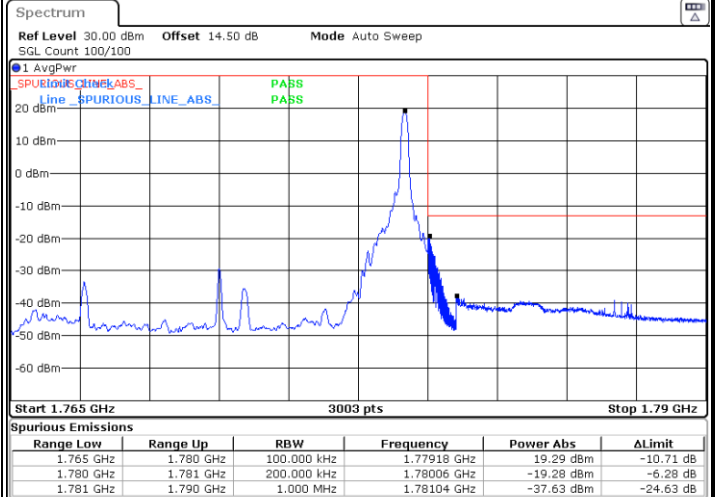
LTE Band 66 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



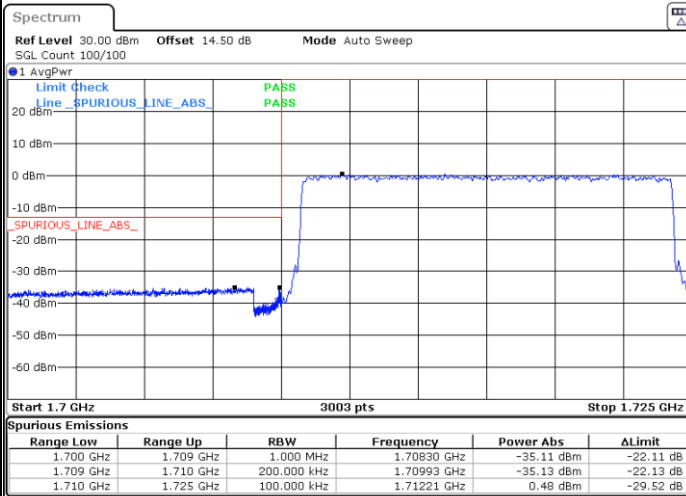
Date: 28 DEC 2024 20:09:49

Highest Band Edge / 1 RB



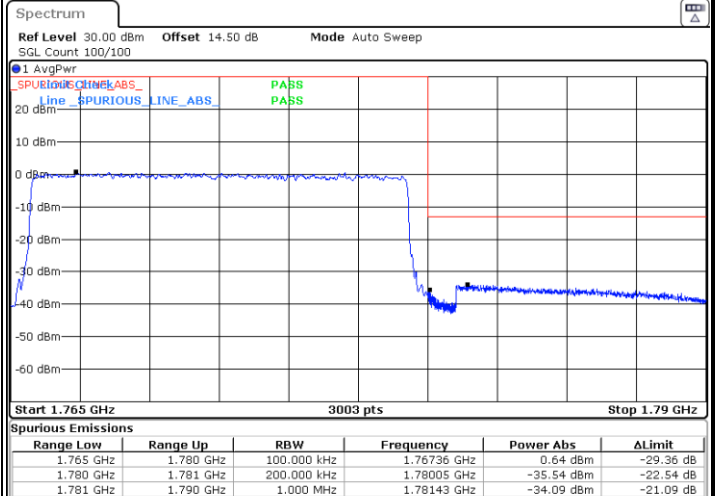
Date: 28 DEC 2024 20:17:51

Lowest Band Edge / Full RB



Date: 28 DEC 2024 20:12:05

Highest Band Edge / Full RB

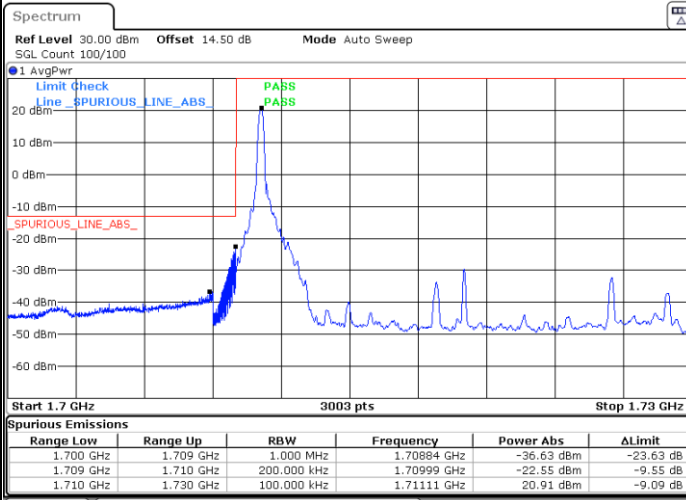


Date: 28 DEC 2024 20:20:08



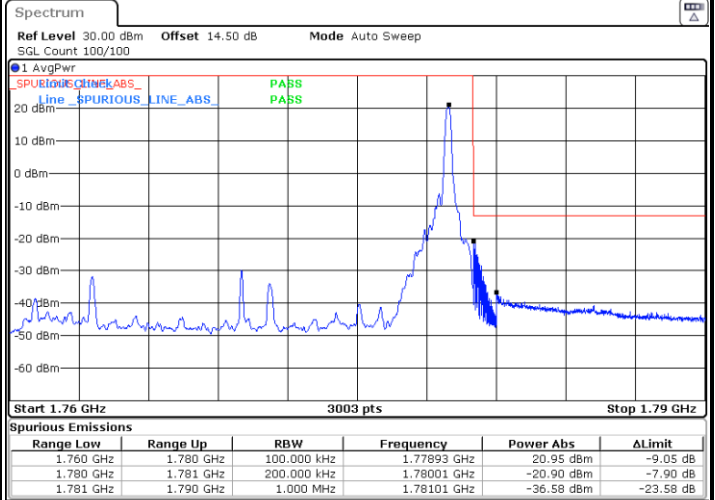
LTE Band 66 / 20MHz / QPSK

Lowest Band Edge / 1RB



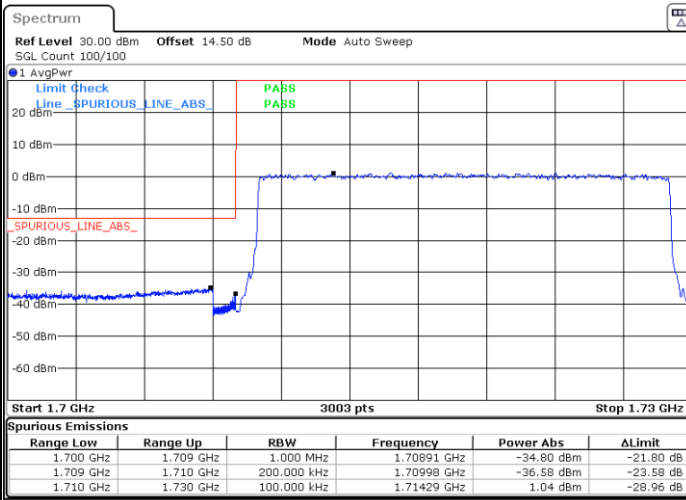
Date: 28 DEC.2024 20:22:42

Highest Band Edge / 1RB



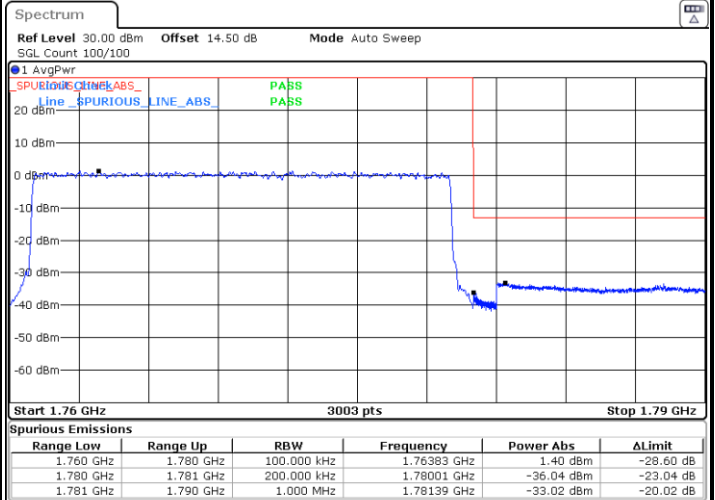
Date: 28 DEC.2024 20:32:05

Lowest Band Edge / Full RB



Date: 28 DEC.2024 20:24:59

Highest Band Edge / Full RB

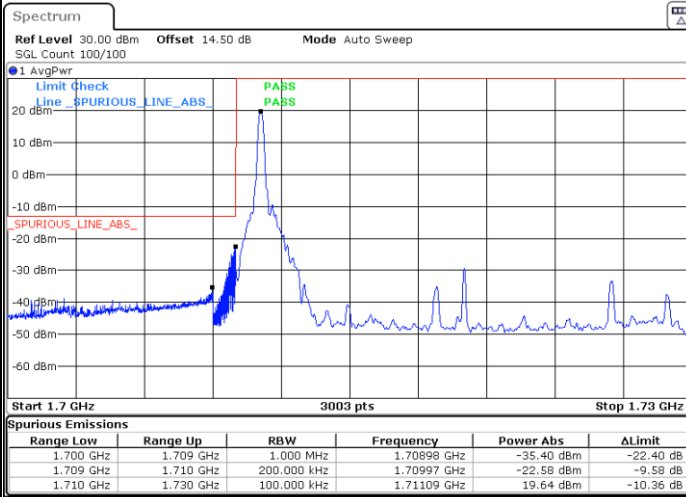


Date: 28 DEC.2024 20:34:22



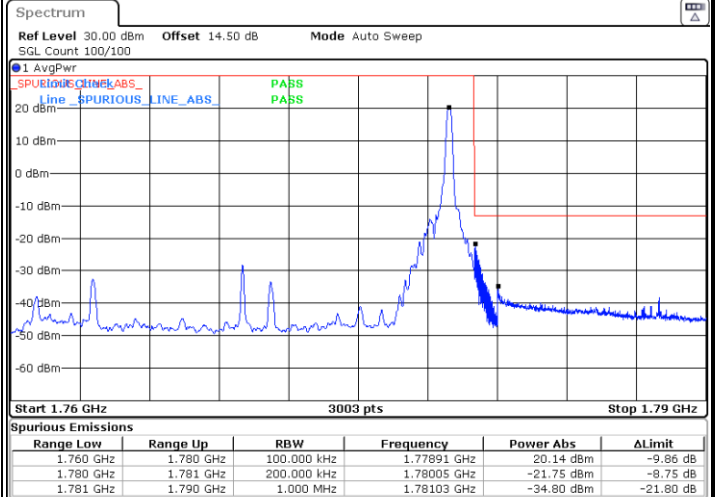
LTE Band 66 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



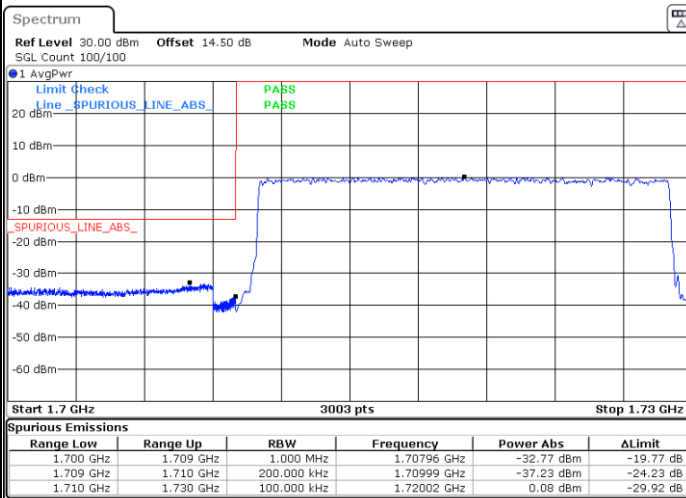
Date: 28 DEC 2024 20:23:27

Highest Band Edge / 1 RB



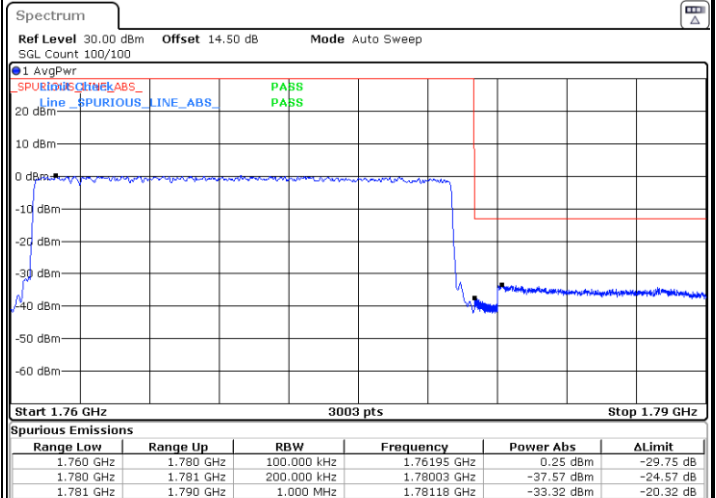
Date: 28 DEC 2024 20:32:51

Lowest Band Edge / Full RB



Date: 28 DEC 2024 20:25:44

Highest Band Edge / Full RB

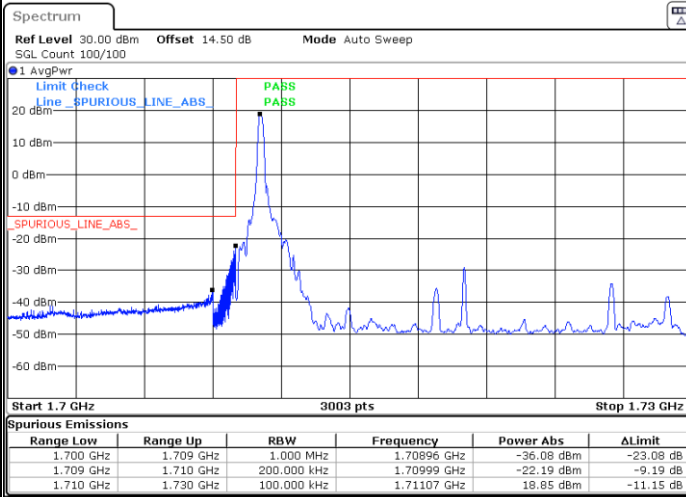


Date: 28 DEC 2024 20:35:08



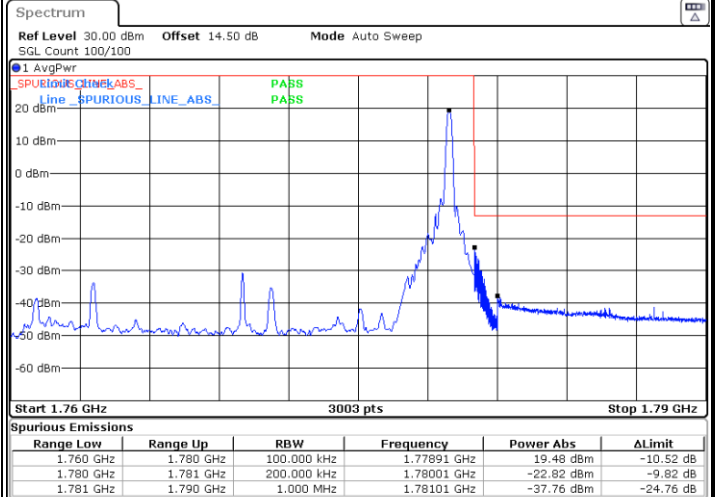
LTE Band 66 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



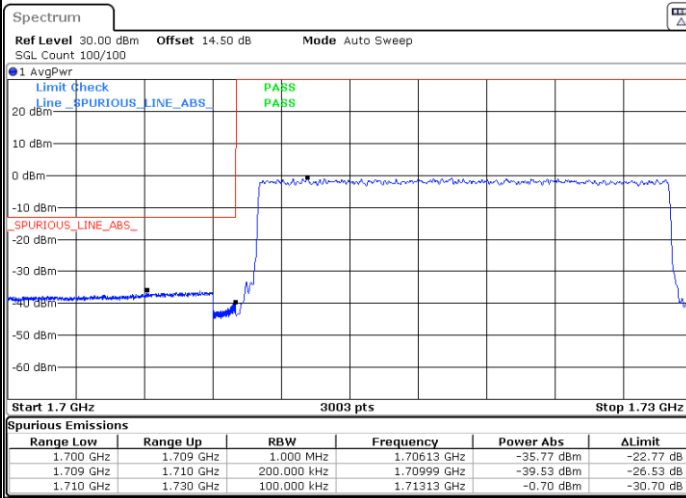
Date: 28 DEC 2024 20:24:13

Highest Band Edge / 1 RB



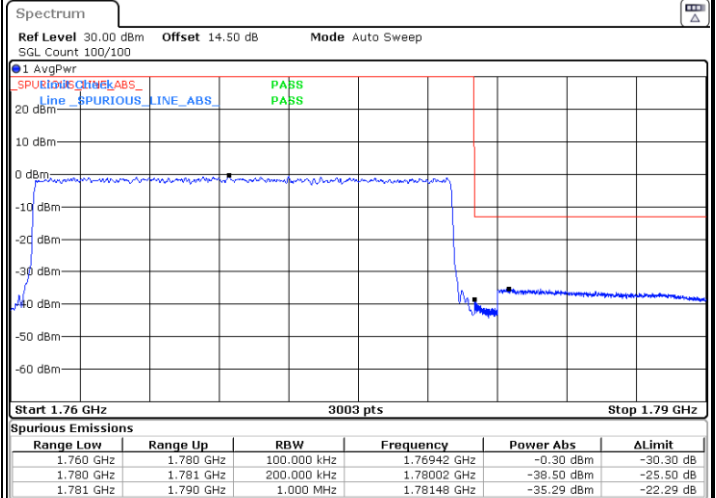
Date: 28 DEC 2024 20:33:36

Lowest Band Edge / Full RB



Date: 28 DEC 2024 20:26:30

Highest Band Edge / Full RB



Date: 28 DEC 2024 20:35:54

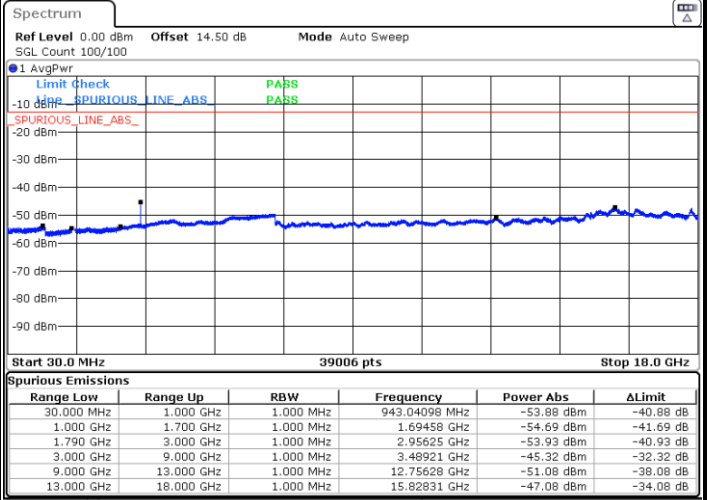
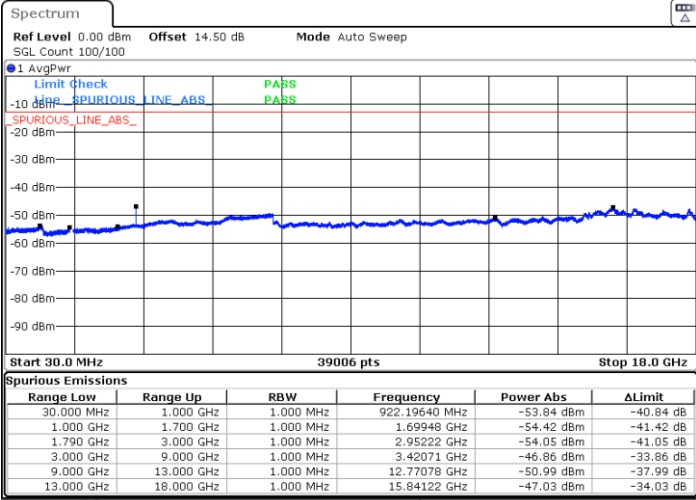


# Conducted Spurious Emission

## LTE Band 66 / 1.4MHz

### Lowest Channel / QPSK

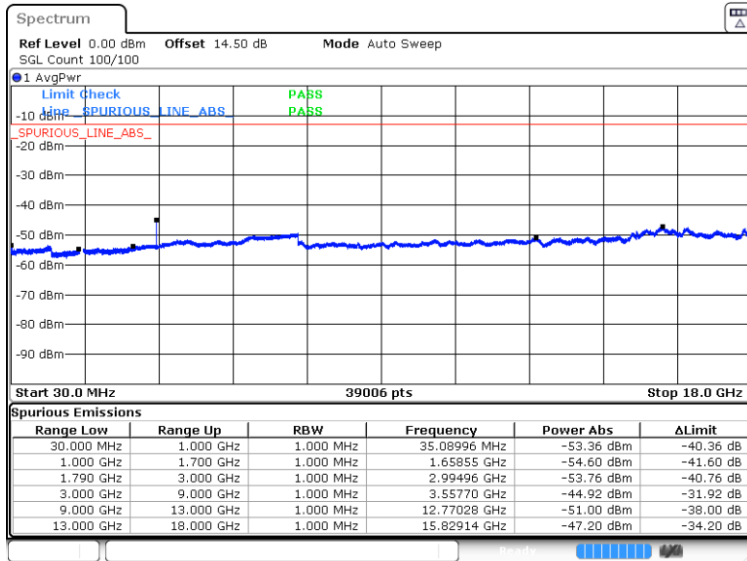
### Middle Channel / QPSK



Date: 28.DEC.2024 19:13:19

Date: 28.DEC.2024 19:16:41

### Highest Channel / QPSK



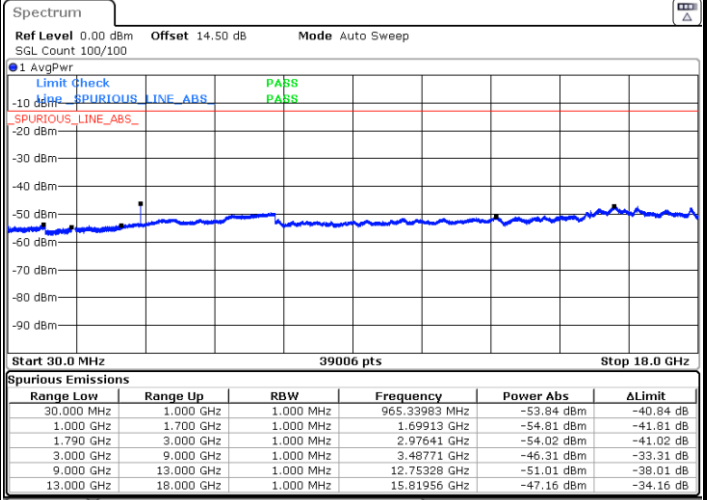
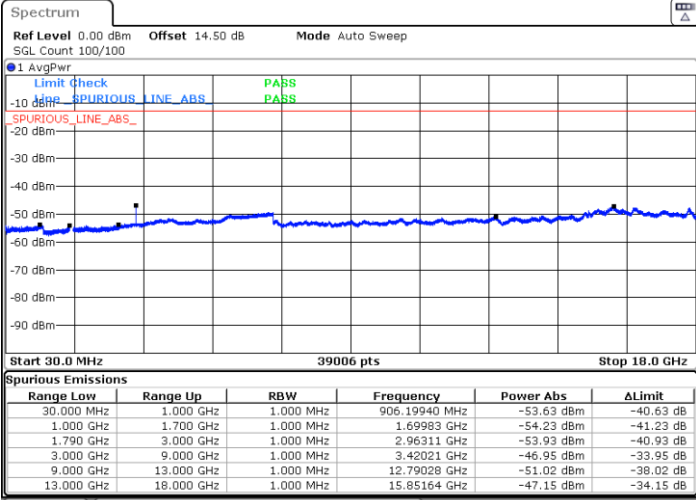
Date: 28.DEC.2024 19:21:22



LTE Band 66 / 3MHz

Lowest Channel / QPSK

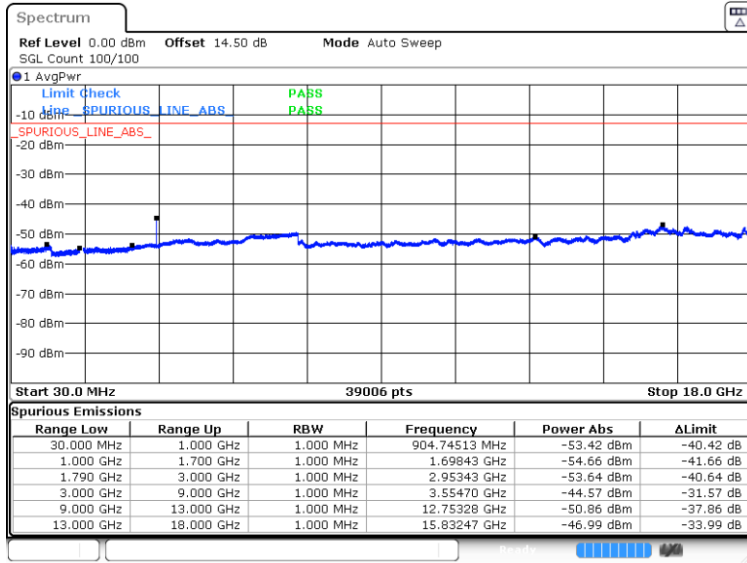
Middle Channel / QPSK



Date: 28.DEC.2024 19:27:43

Date: 28.DEC.2024 19:31:05

Highest Channel / QPSK



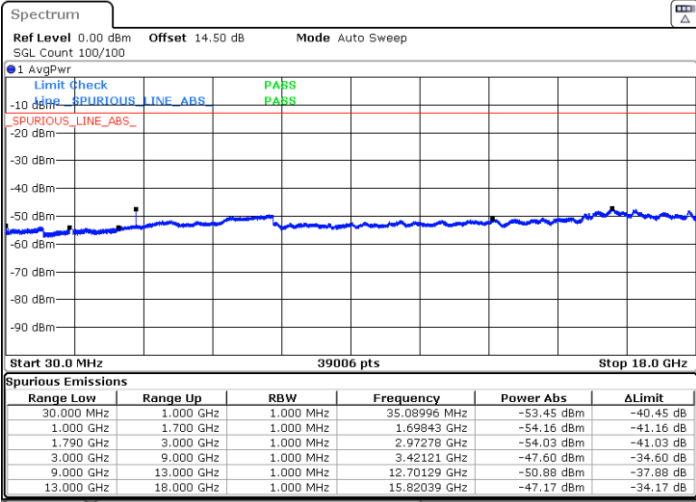
Date: 28.DEC.2024 19:38:03



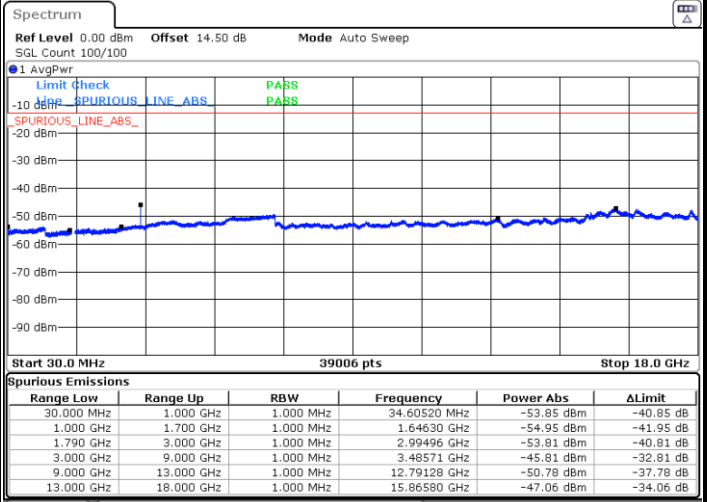
LTE Band 66 / 5MHz

Lowest Channel / QPSK

Middle Channel / QPSK

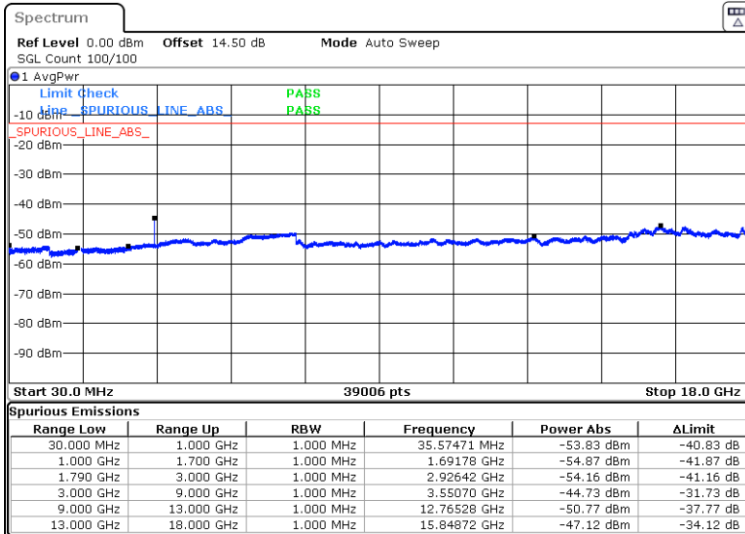


Date: 28.DEC.2024 19:42:07



Date: 28.DEC.2024 19:45:28

Highest Channel / QPSK



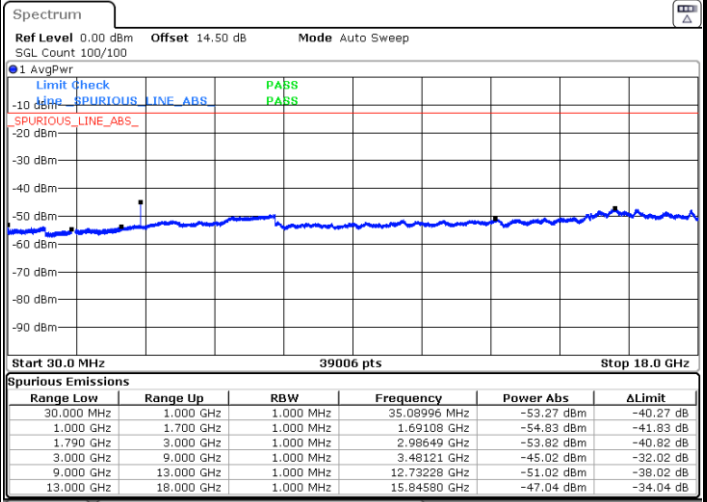
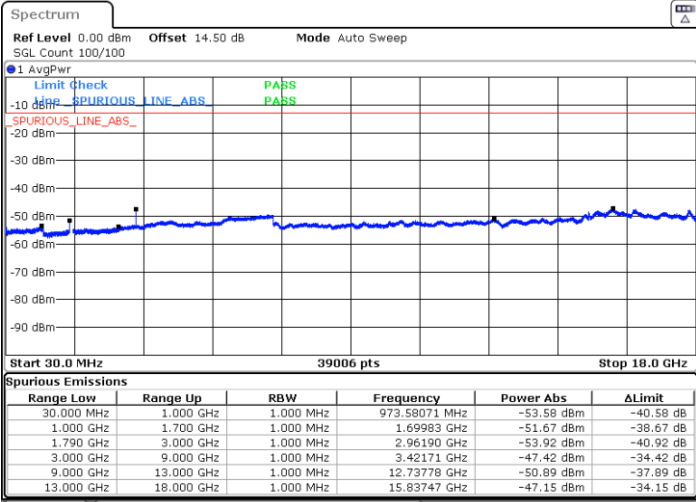
Date: 28.DEC.2024 19:52:26



LTE Band 66 / 10MHz

Lowest Channel / QPSK

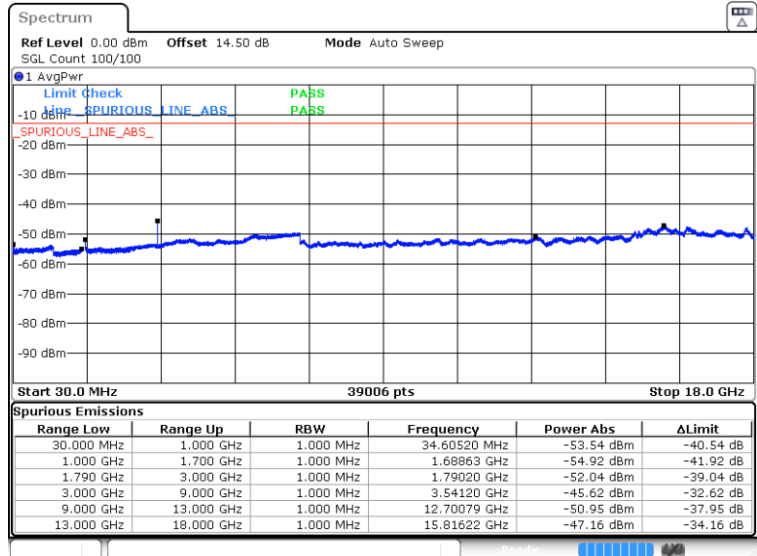
Middle Channel / QPSK



Date: 28.DEC.2024 19:58:47

Date: 28.DEC.2024 19:59:52

Highest Channel / QPSK

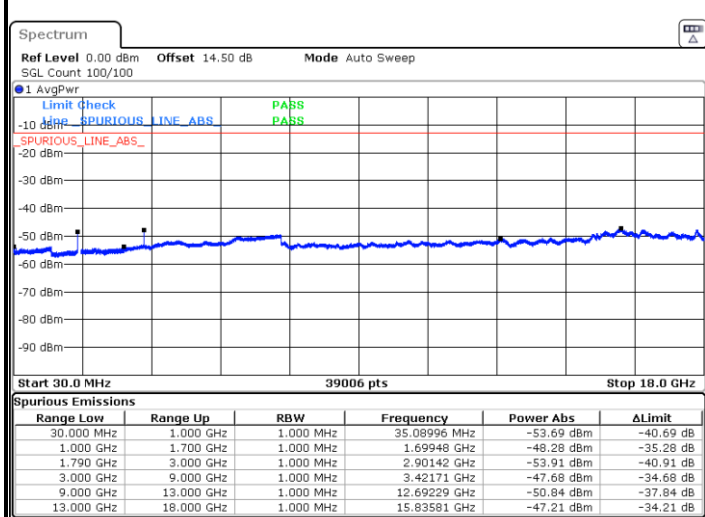


Date: 28.DEC.2024 20:06:50



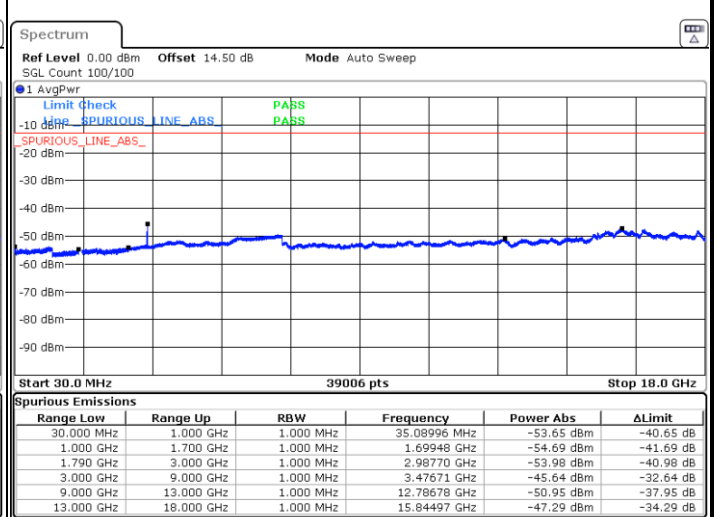
**LTE Band 66 / 15MHz**

**Lowest Channel / QPSK**



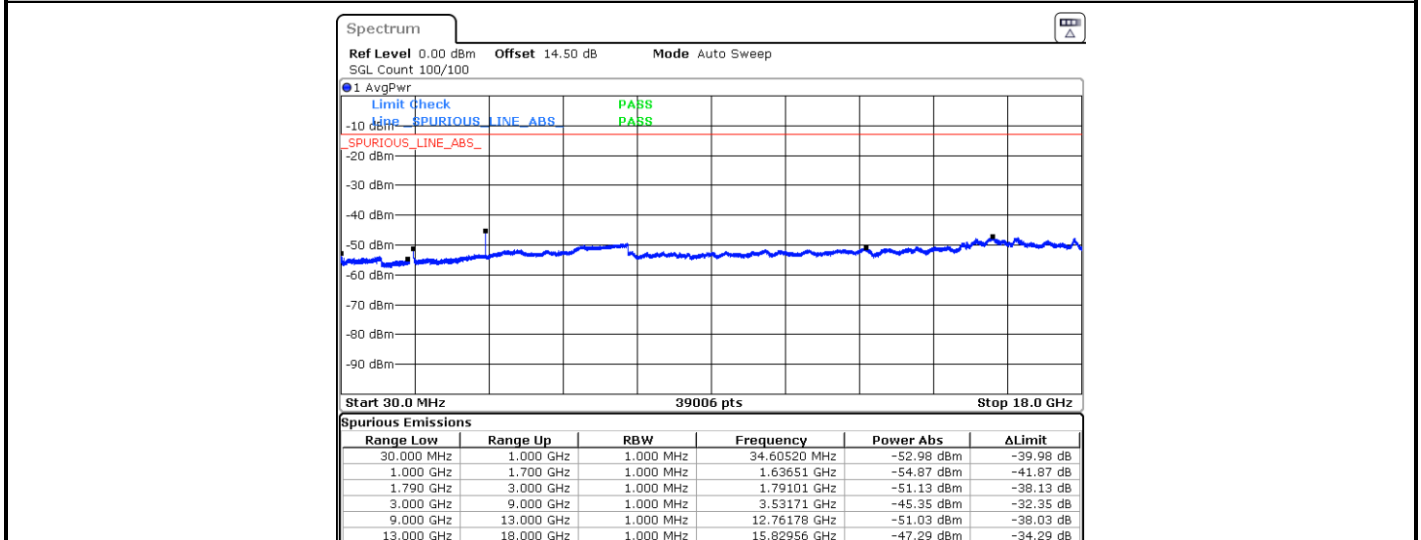
Date: 28.DEC.2024 20:13:11

**Middle Channel / QPSK**



Date: 28.DEC.2024 20:14:16

**Highest Channel / QPSK**

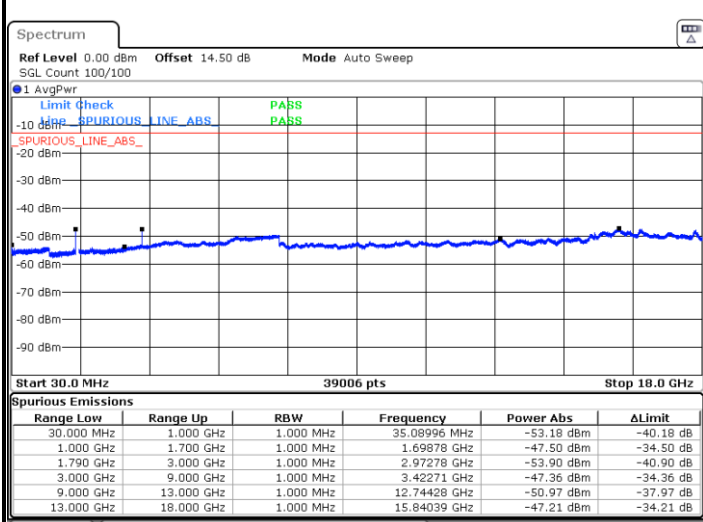


Date: 28.DEC.2024 20:21:14



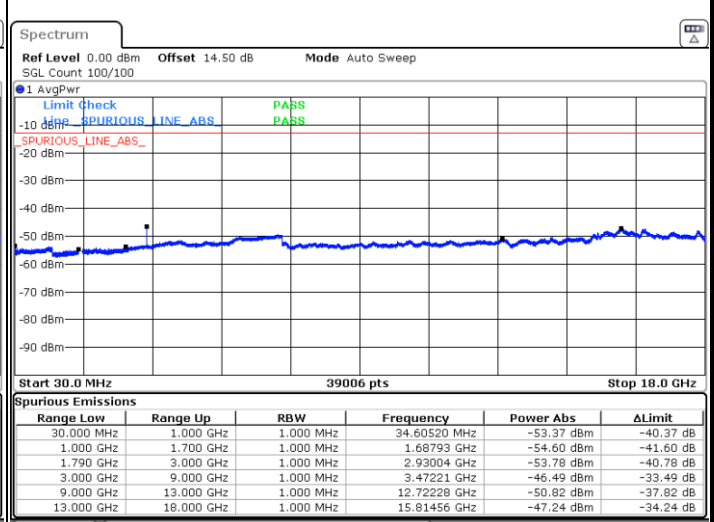
**LTE Band 66 / 20MHz**

**Lowest Channel / QPSK**



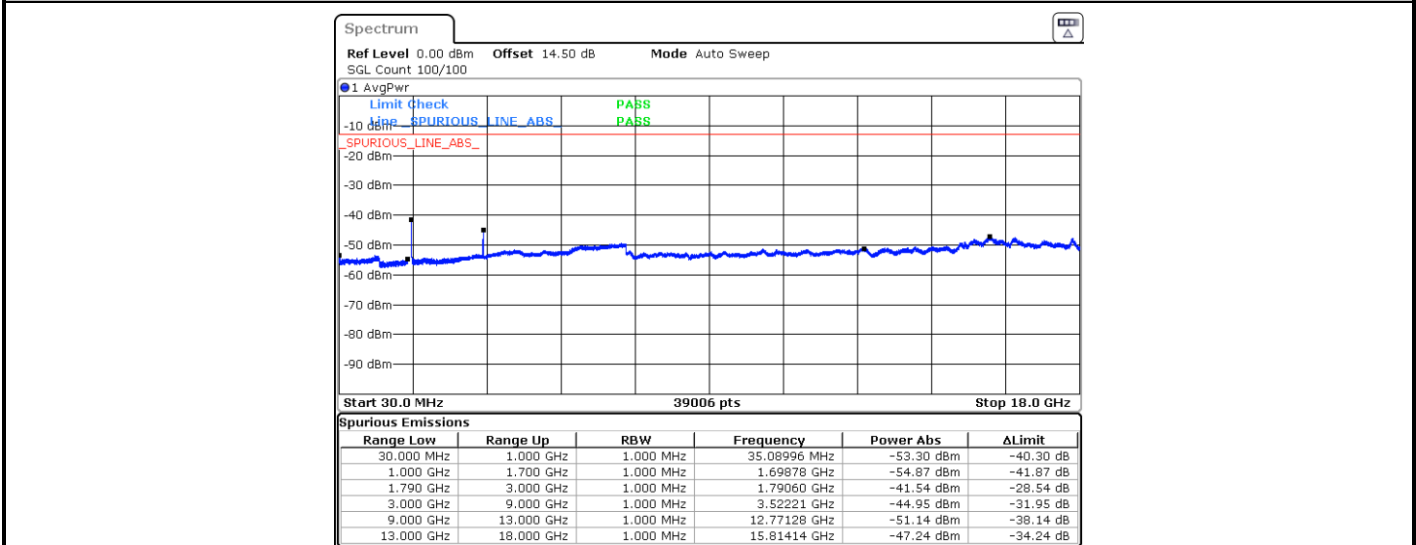
Date: 28.DEC.2024 20:27:35

**Middle Channel / QPSK**



Date: 28.DEC.2024 20:28:39

**Highest Channel / QPSK**



Date: 28.DEC.2024 20:36:59



### 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	0.0004	PASS
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0008	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0013	
0	Normal Voltage	0.0011	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0017	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0015	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0006	

**Note:**

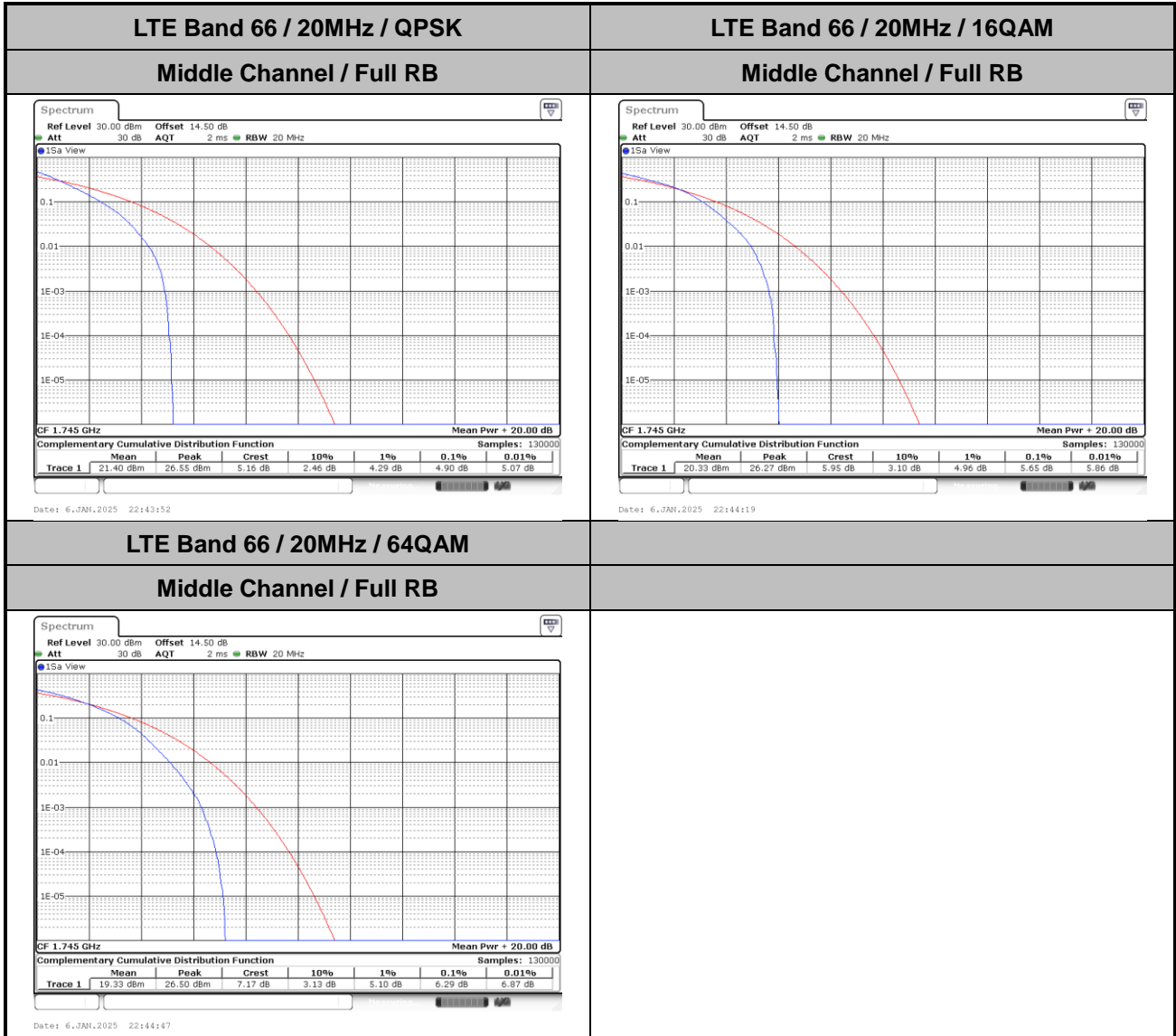
1. Normal Voltage = 3.91V ; Minimum Voltage = 3.6 V ; Maximum Voltage =4.5 V
2. The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 66 for 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	4.90	5.65	6.29	<b>PASS</b>





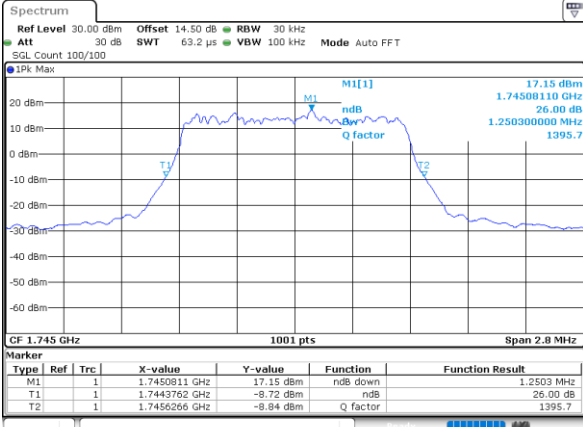
**26dB Bandwidth**

Mode	LTE Band 66 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.25	1.27	2.93	2.97	4.84	4.93	9.87	9.73	14.39	14.42	18.70	18.74



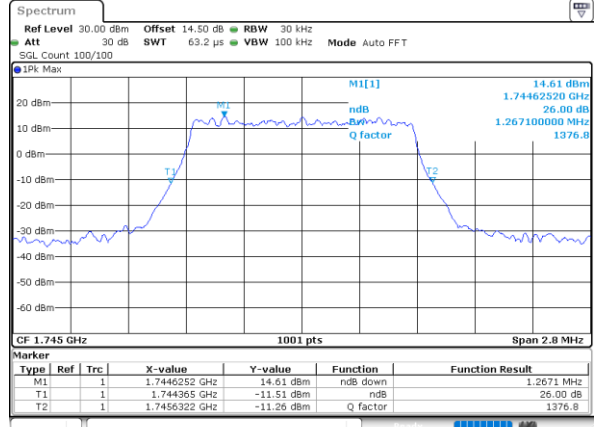
LTE Band 66

Middle Channel / 1.4MHz / QPSK



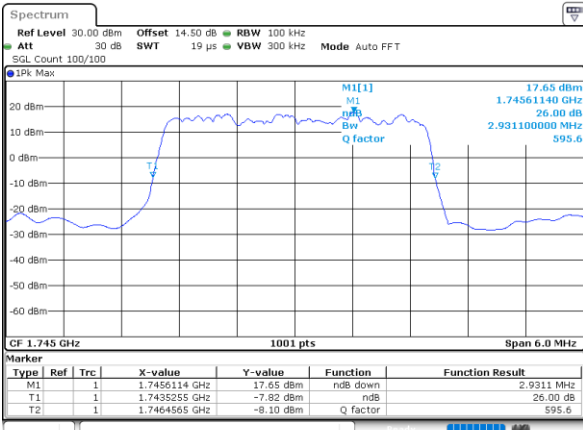
Date: 6, JAN, 2025 21:23:02

Middle Channel / 1.4MHz / 16QAM



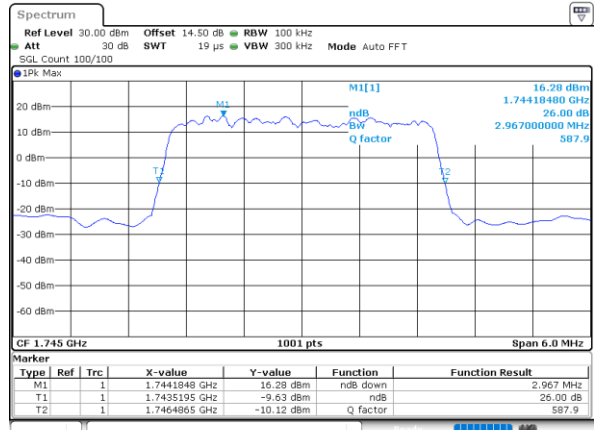
Date: 6, JAN, 2025 21:23:42

Middle Channel / 3MHz / QPSK



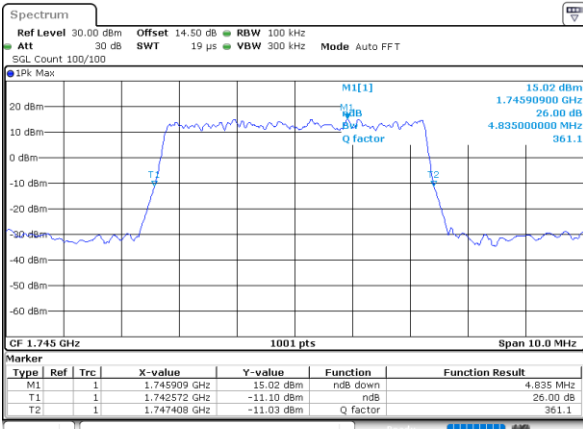
Date: 6, JAN, 2025 21:38:36

Middle Channel / 3MHz / 16QAM



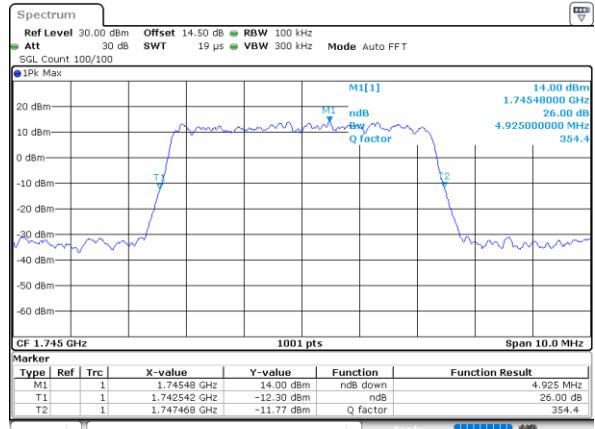
Date: 6, JAN, 2025 21:39:16

Middle Channel / 5MHz / QPSK



Date: 6, JAN, 2025 21:54:09

Middle Channel / 5MHz / 16QAM

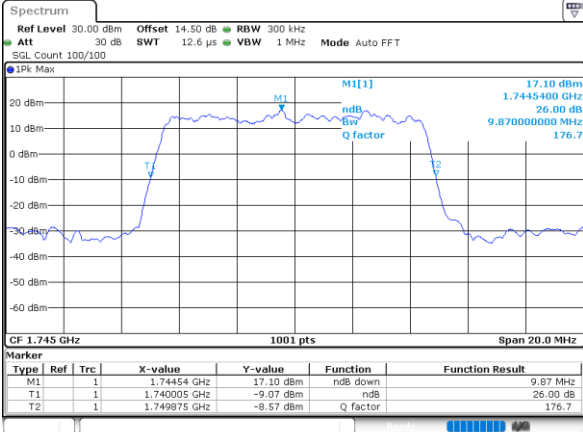


Date: 6, JAN, 2025 21:54:50



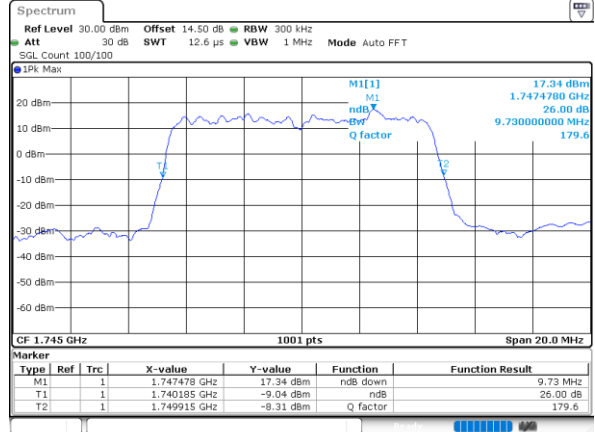
LTE Band 66

Middle Channel / 10MHz / QPSK



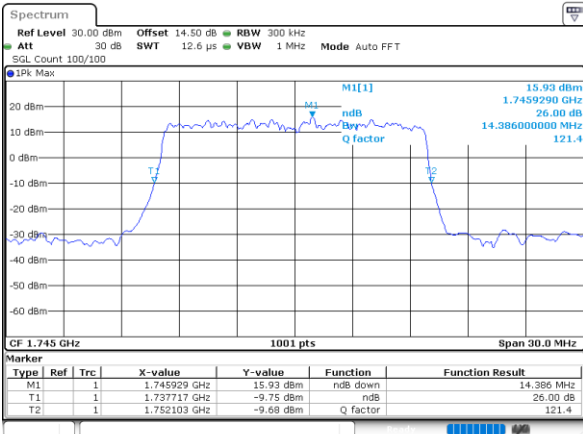
Date: 6, JAN, 2025 22:10:44

Middle Channel / 10MHz / 16QAM



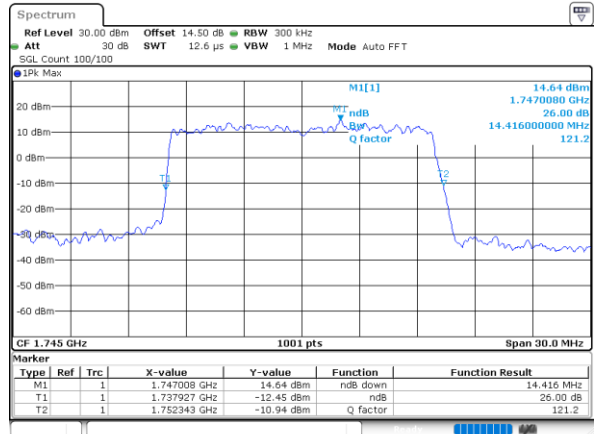
Date: 6, JAN, 2025 22:10:24

Middle Channel / 15MHz / QPSK



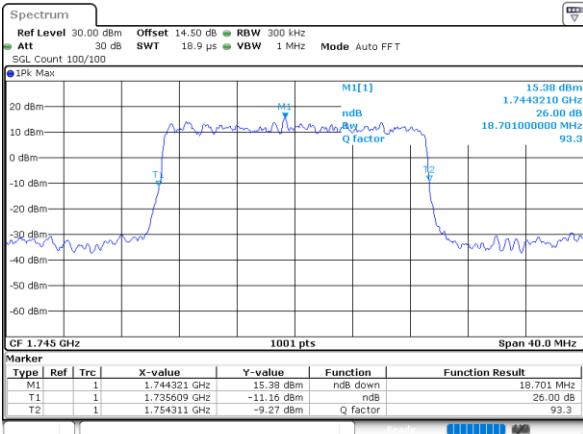
Date: 6, JAN, 2025 22:25:17

Middle Channel / 15MHz / 16QAM



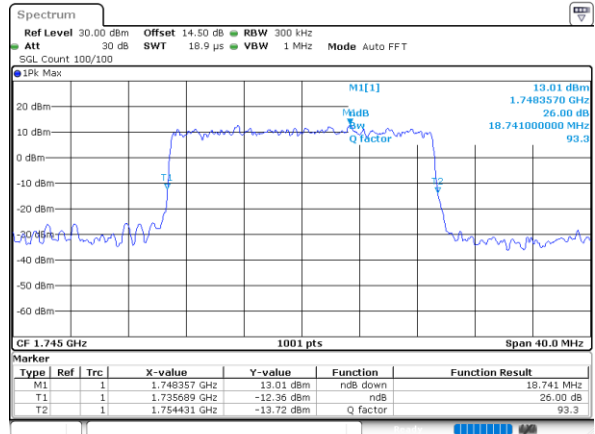
Date: 6, JAN, 2025 22:25:57

Middle Channel / 20MHz / QPSK



Date: 6, JAN, 2025 22:42:44

Middle Channel / 20MHz / 16QAM



Date: 6, JAN, 2025 22:43:24



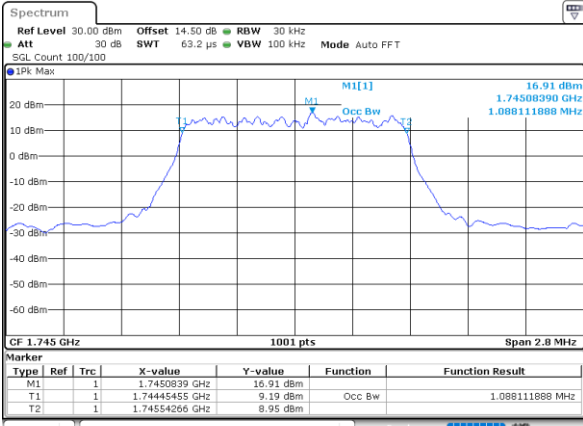
### Occupied Bandwidth

Mode	LTE Band 66 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.09	1.08	2.71	2.72	4.49	4.49	8.97	9.01	13.46	13.43	17.86	17.90



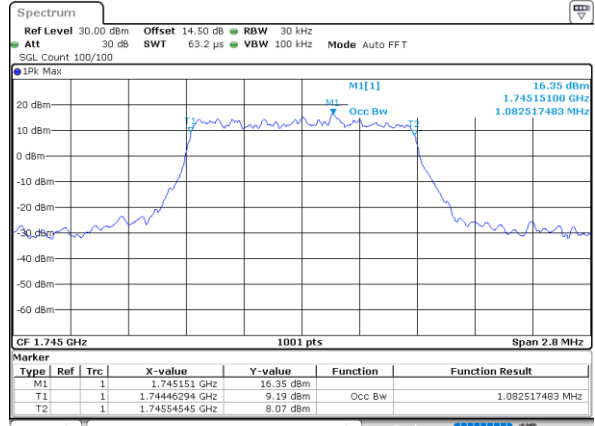
LTE Band 66

Middle Channel / 1.4MHz / QPSK



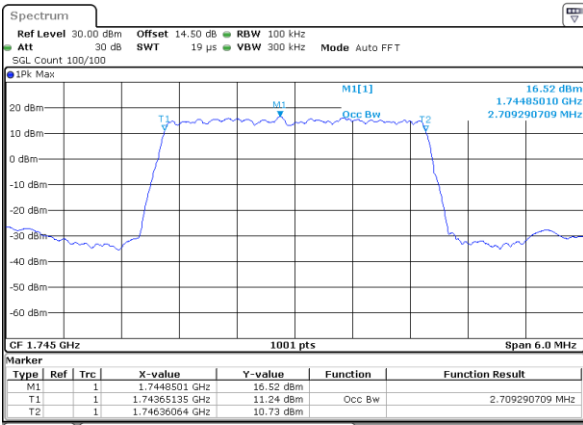
Date: 6 JAN 2025 21:22:48

Middle Channel / 1.4MHz / 16QAM



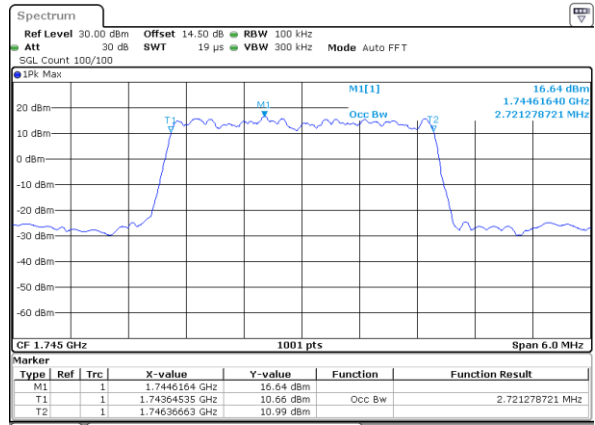
Date: 6 JAN 2025 21:23:28

Middle Channel / 3MHz / QPSK



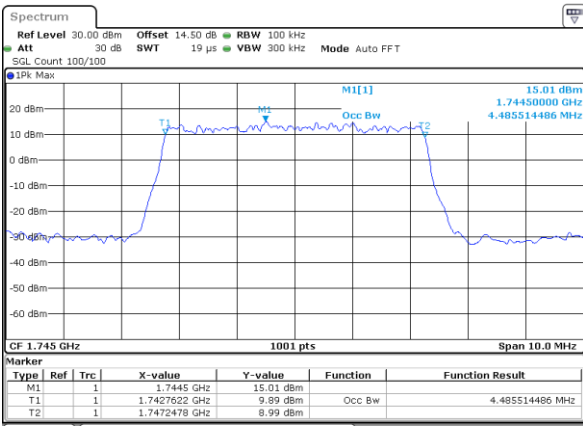
Date: 6 JAN 2025 21:18:21

Middle Channel / 3MHz / 16QAM



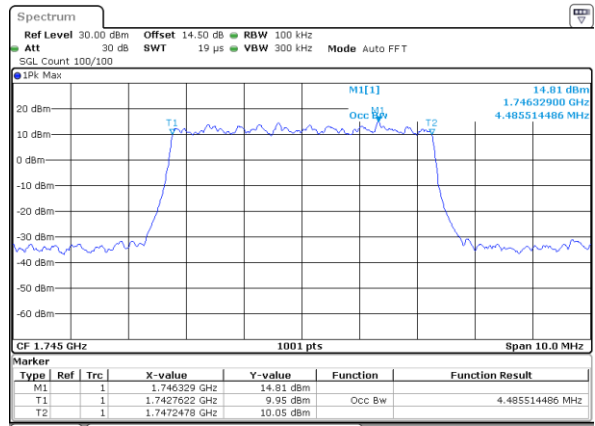
Date: 6 JAN 2025 21:39:02

Middle Channel / 5MHz / QPSK



Date: 6 JAN 2025 21:15:55

Middle Channel / 5MHz / 16QAM

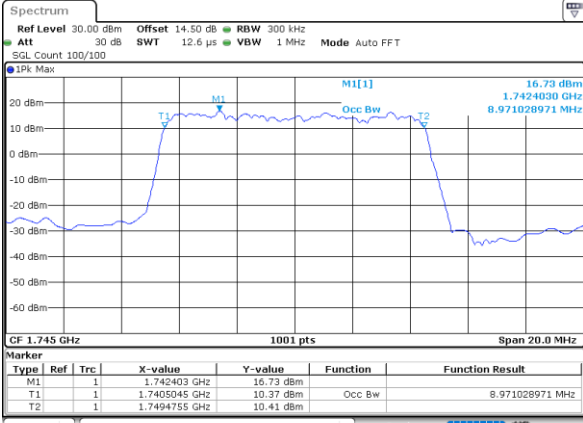


Date: 6 JAN 2025 21:54:36



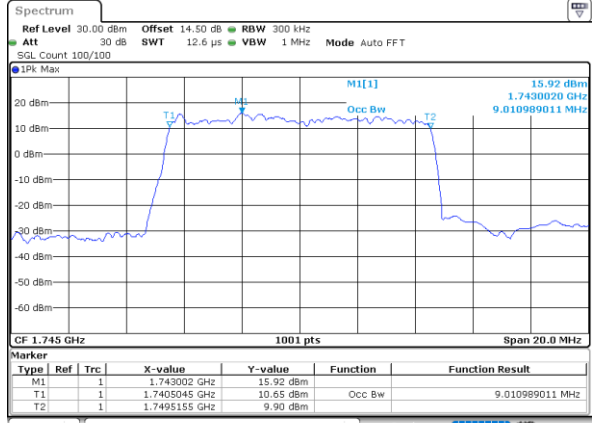
LTE Band 66

Middle Channel / 10MHz / QPSK



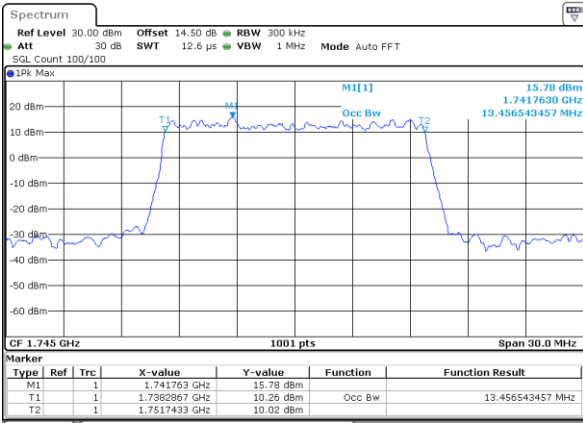
Date: 6, JAN, 2025 22:10:10

Middle Channel / 10MHz / 16QAM



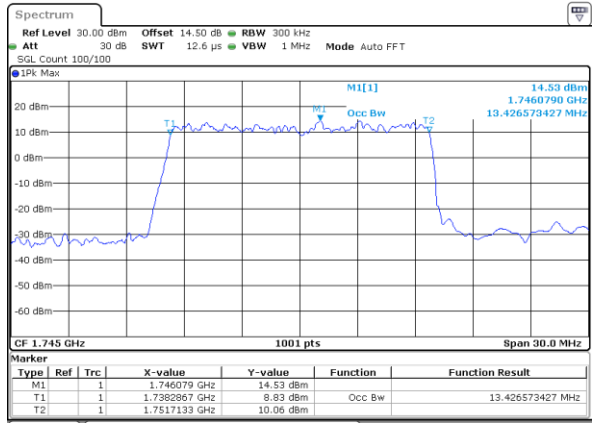
Date: 6, JAN, 2025 22:10:10

Middle Channel / 15MHz / QPSK



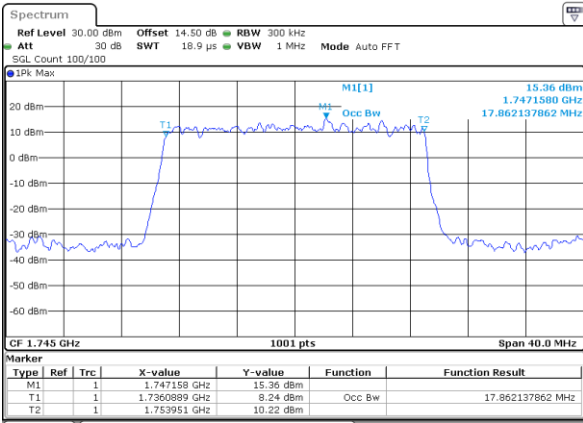
Date: 6, JAN, 2025 22:25:03

Middle Channel / 15MHz / 16QAM



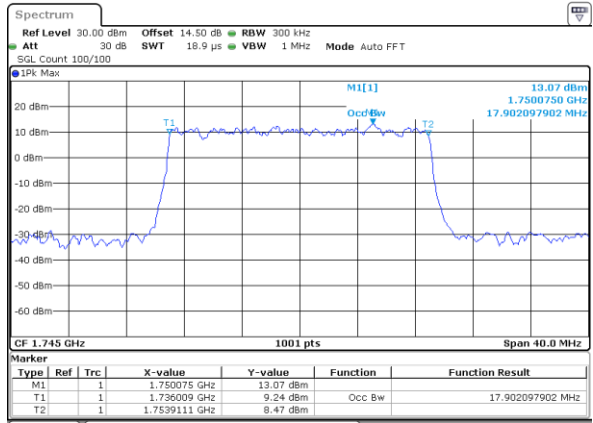
Date: 6, JAN, 2025 22:25:43

Middle Channel / 20MHz / QPSK



Date: 6, JAN, 2025 22:42:30

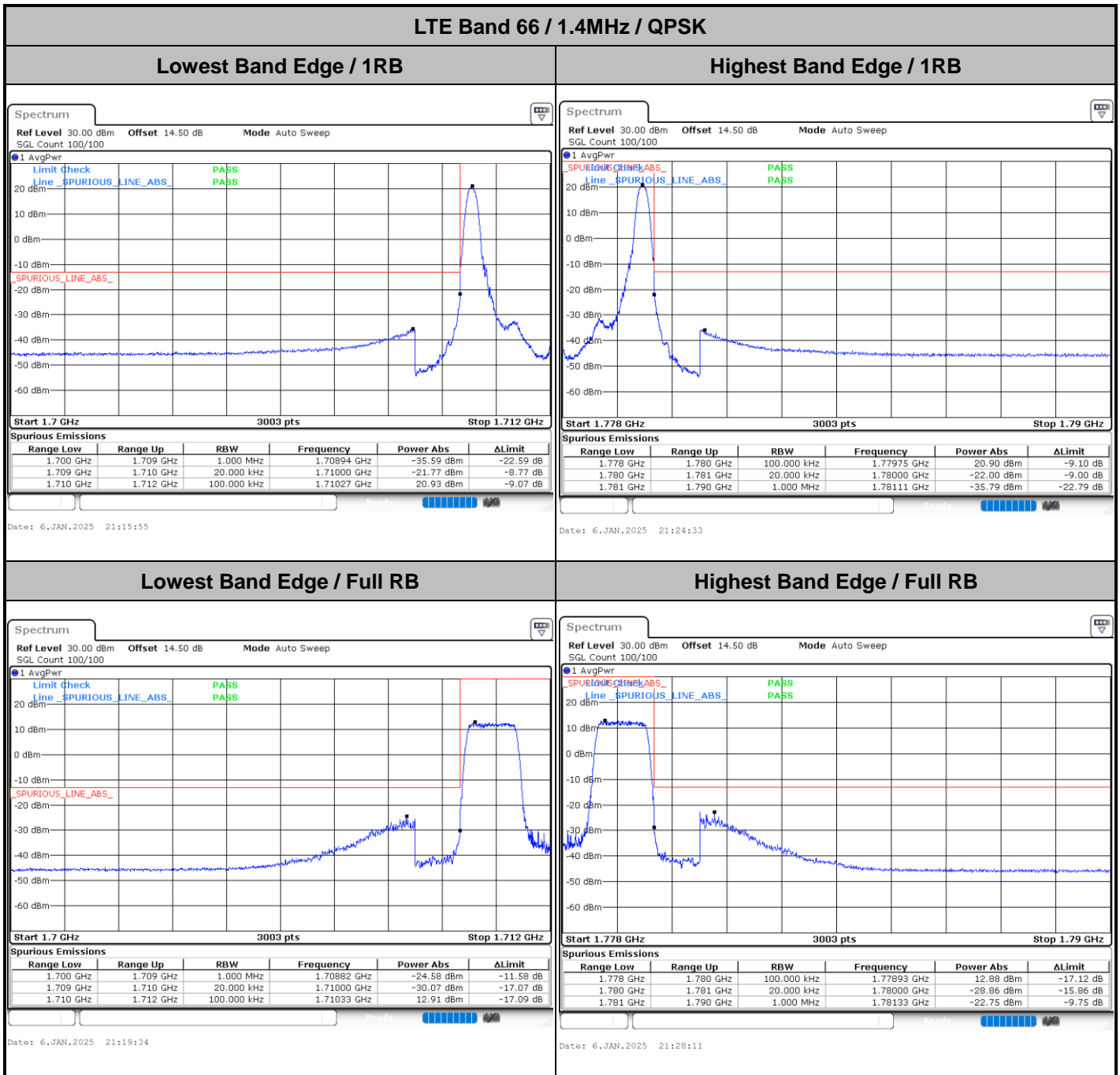
Middle Channel / 20MHz / 16QAM



Date: 6, JAN, 2025 22:43:10



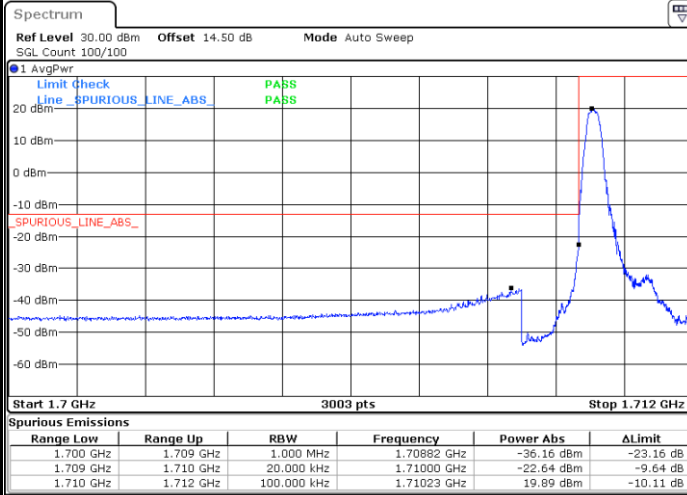
# Conducted Band Edge





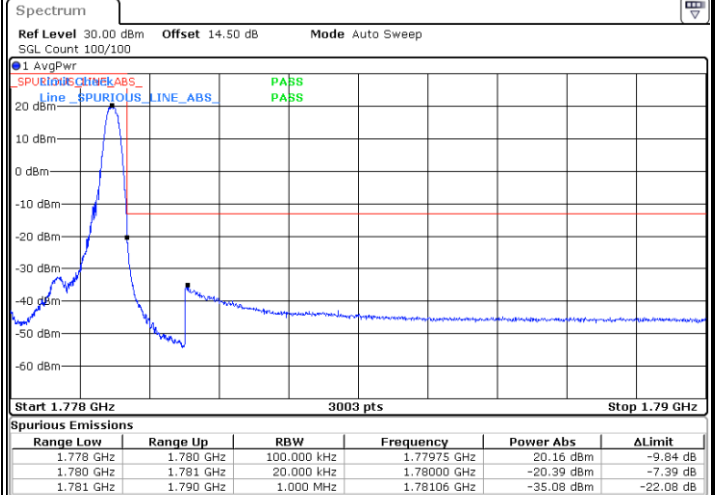
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



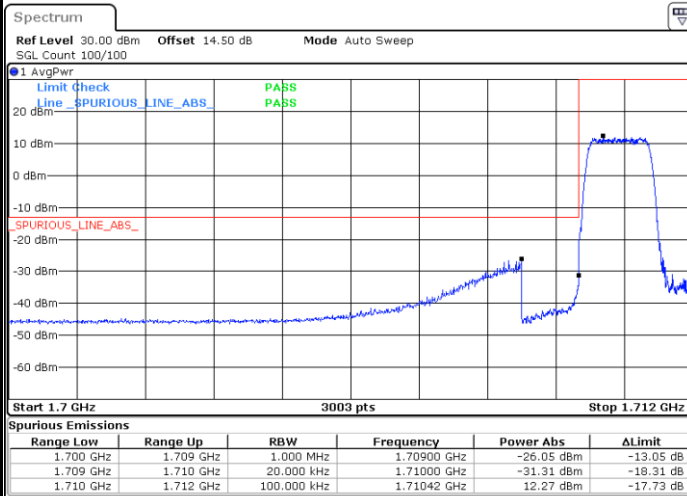
Date: 6.JAN.2025 21:16:46

Highest Band Edge / 1 RB



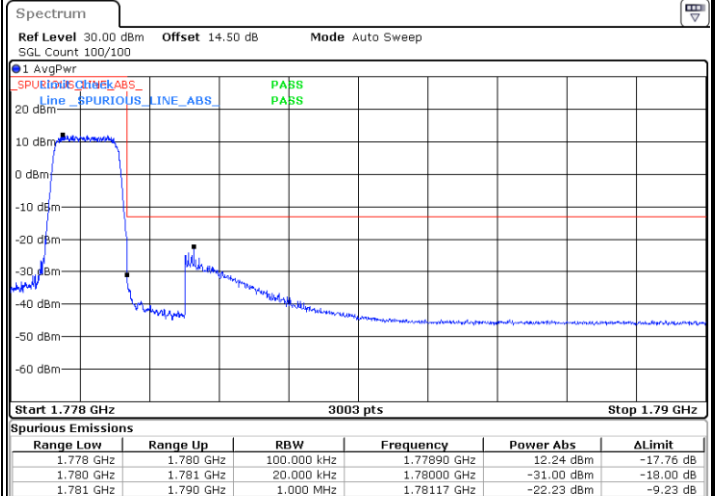
Date: 6.JAN.2025 21:25:24

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:20:25

Highest Band Edge / Full RB

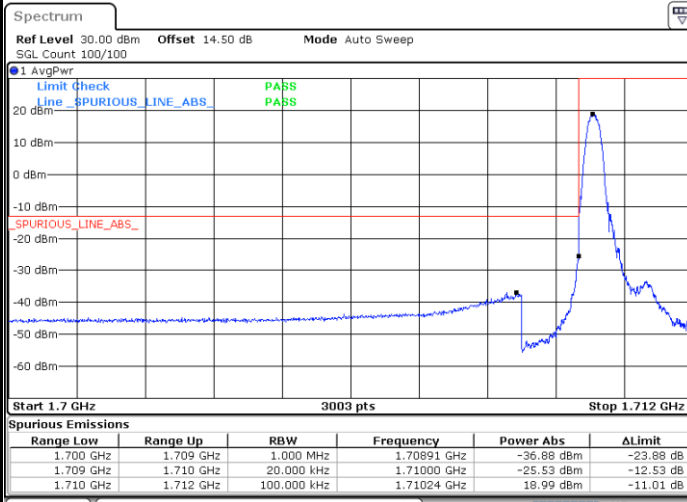


Date: 6.JAN.2025 21:29:03



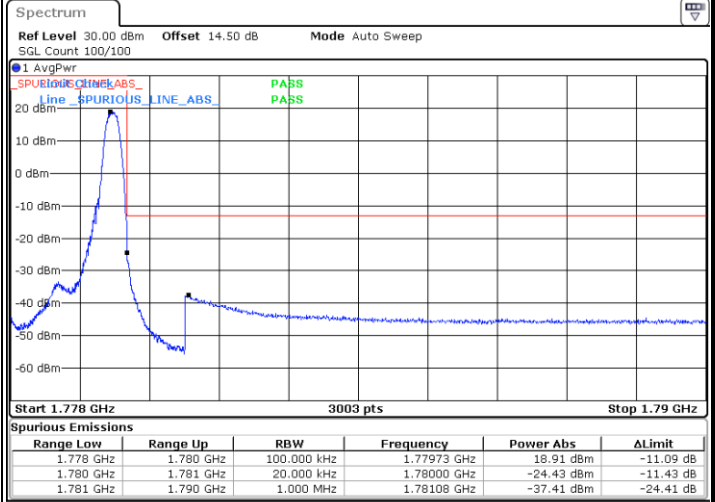
LTE Band 66 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



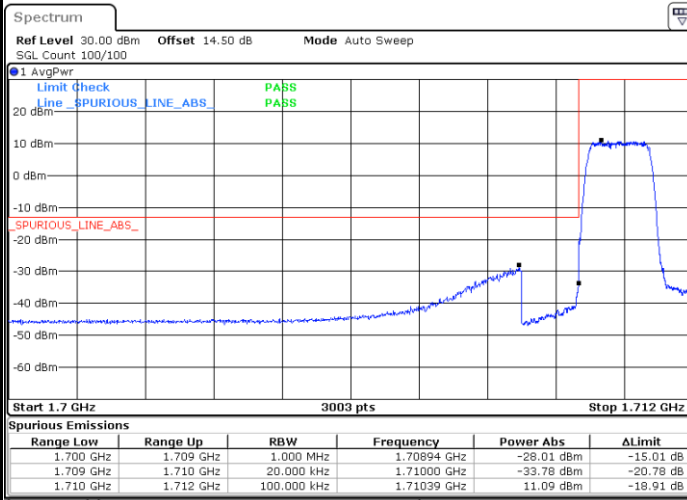
Date: 6.JAN.2025 21:17:37

Highest Band Edge / 1 RB



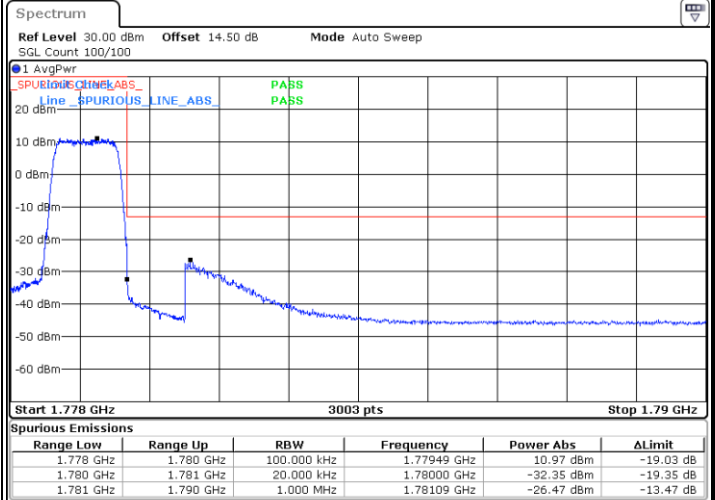
Date: 6.JAN.2025 21:26:15

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:21:16

Highest Band Edge / Full RB

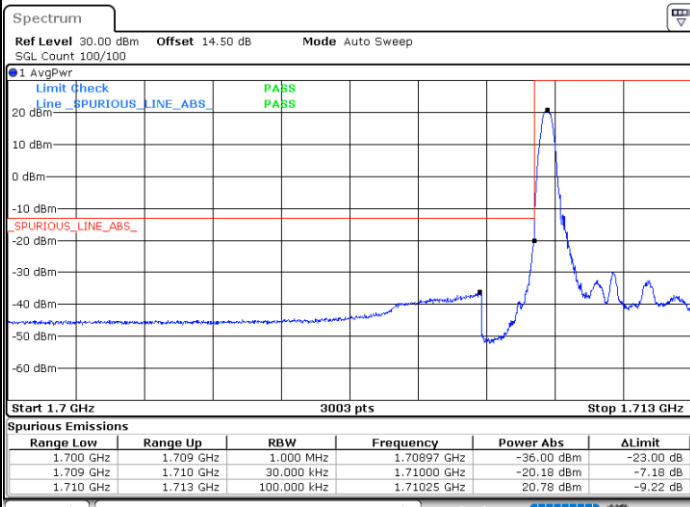


Date: 6.JAN.2025 21:29:54



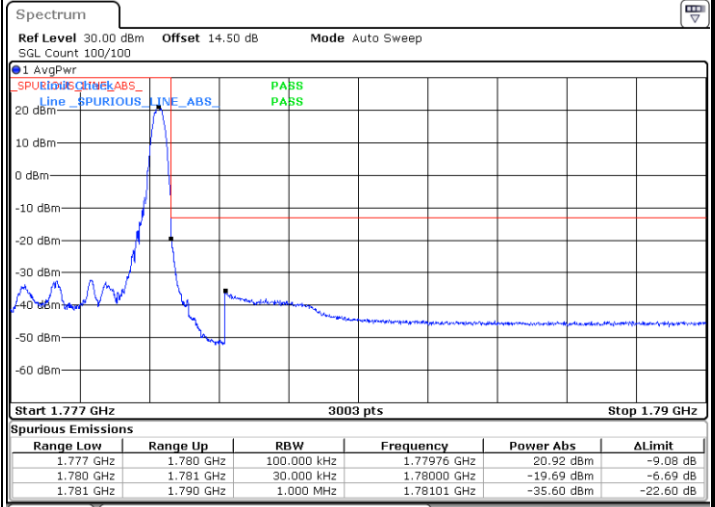
LTE Band 66 / 3MHz / QPSK

Lowest Band Edge / 1RB



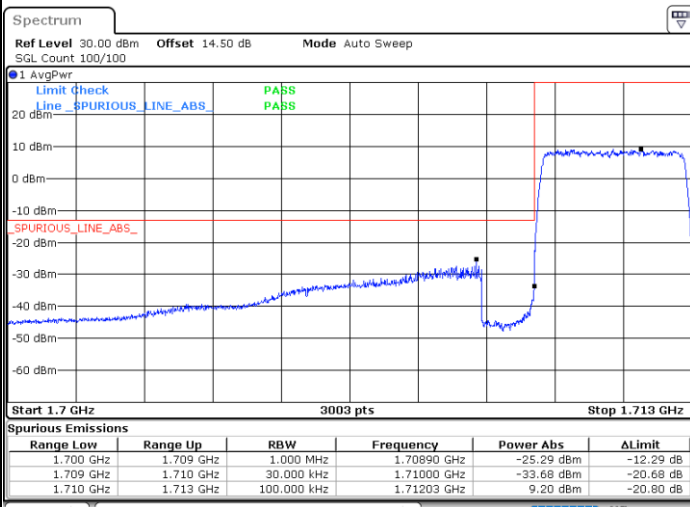
Date: 6.JAN.2025 21:31:28

Highest Band Edge / 1RB



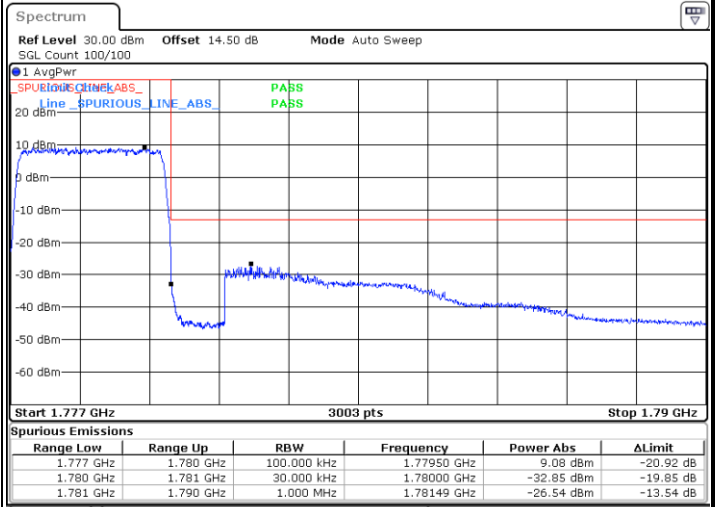
Date: 6.JAN.2025 21:40:06

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:35:07

Highest Band Edge / Full RB

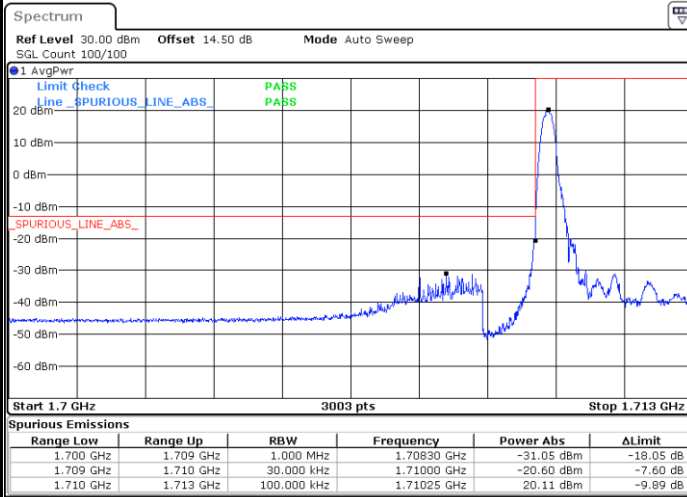


Date: 6.JAN.2025 21:42:40



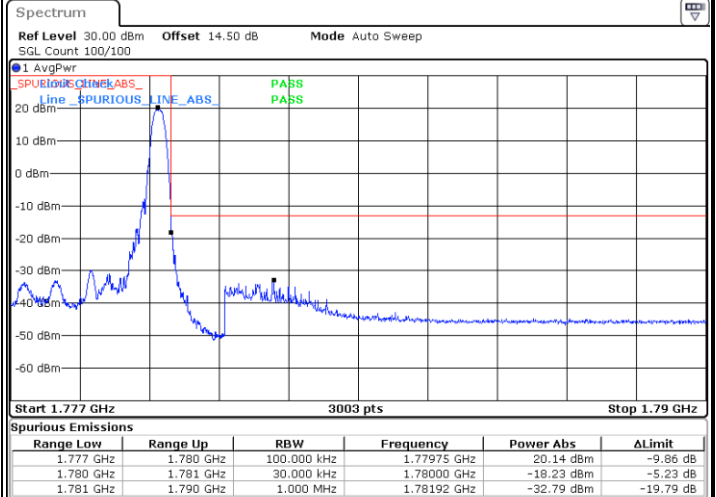
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



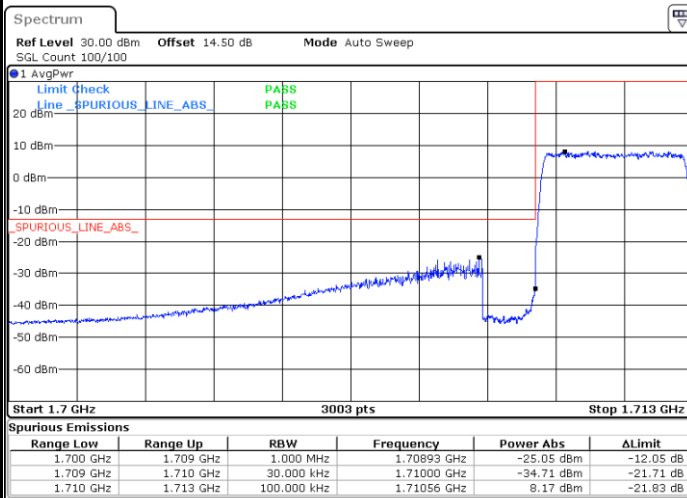
Date: 6.JAN.2025 21:32:19

Highest Band Edge / 1 RB



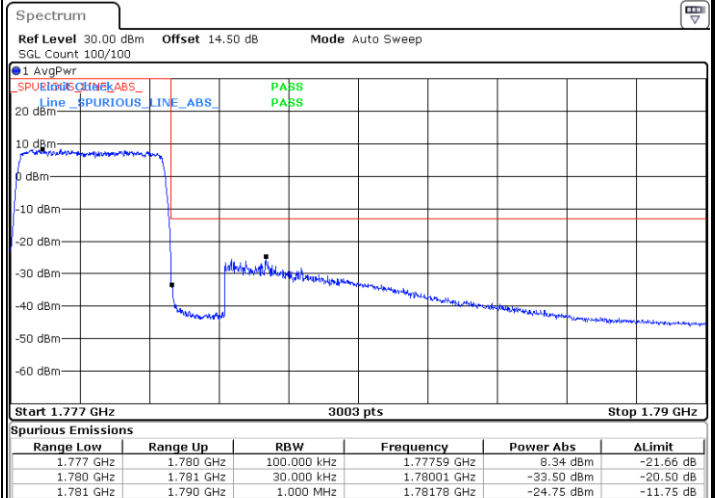
Date: 6.JAN.2025 21:40:57

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:35:58

Highest Band Edge / Full RB

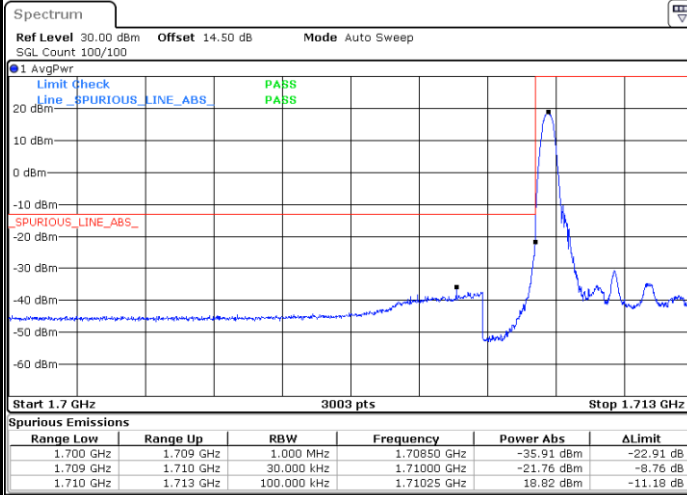


Date: 6.JAN.2025 21:43:31

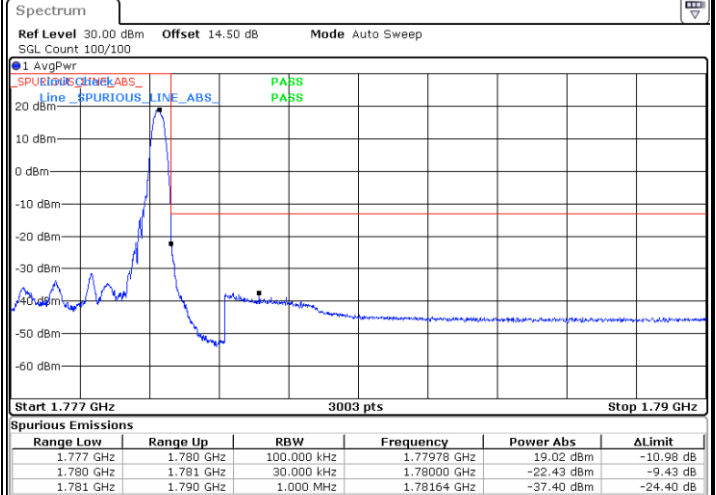


LTE Band 66 / 3MHz / 64QAM

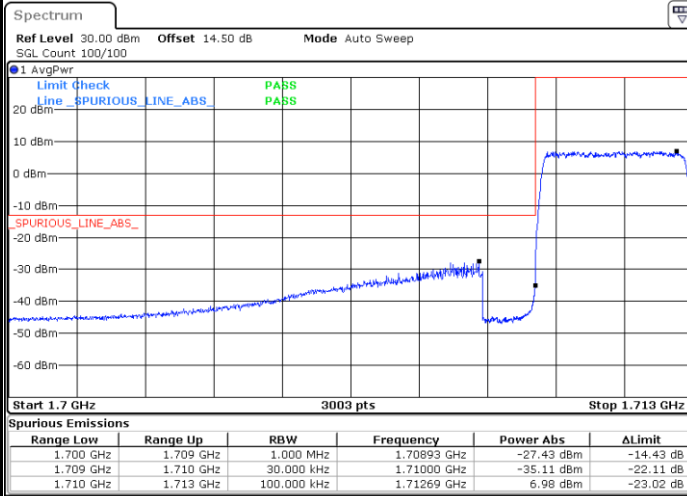
Lowest Band Edge / 1 RB



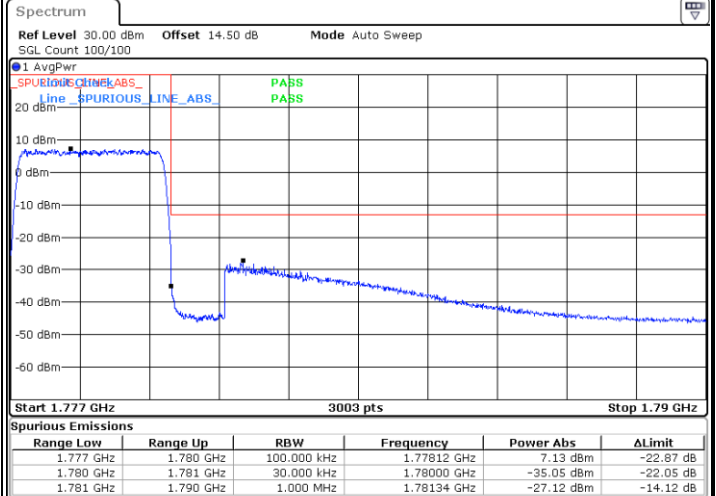
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



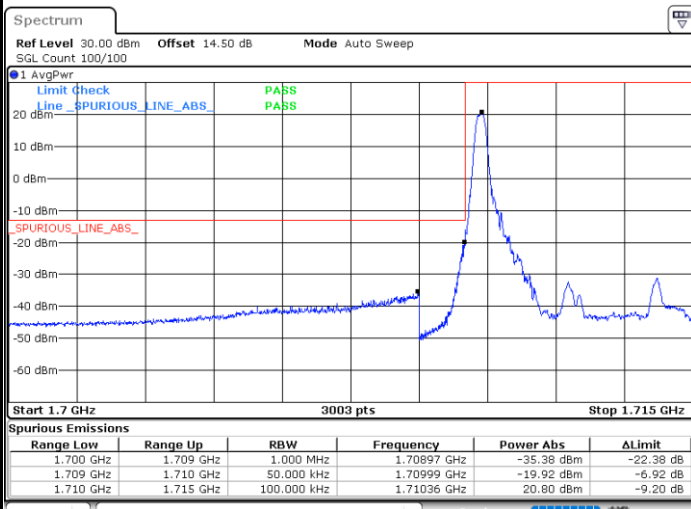
Highest Band Edge / Full RB





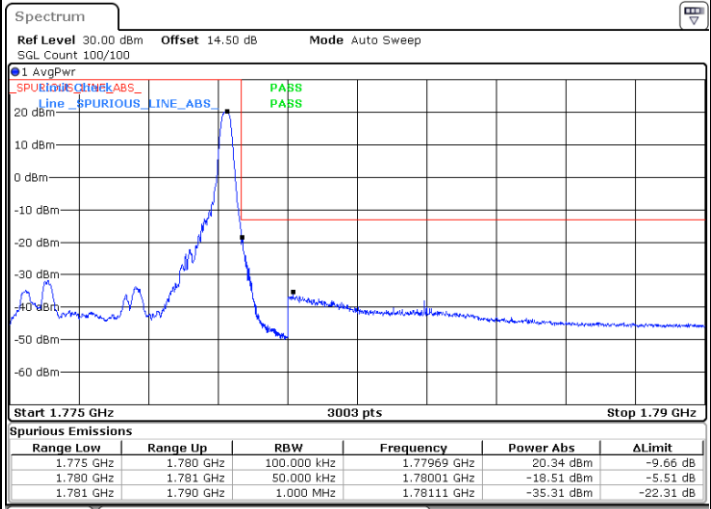
LTE Band 66 / 5MHz / QPSK

Lowest Band Edge / 1RB



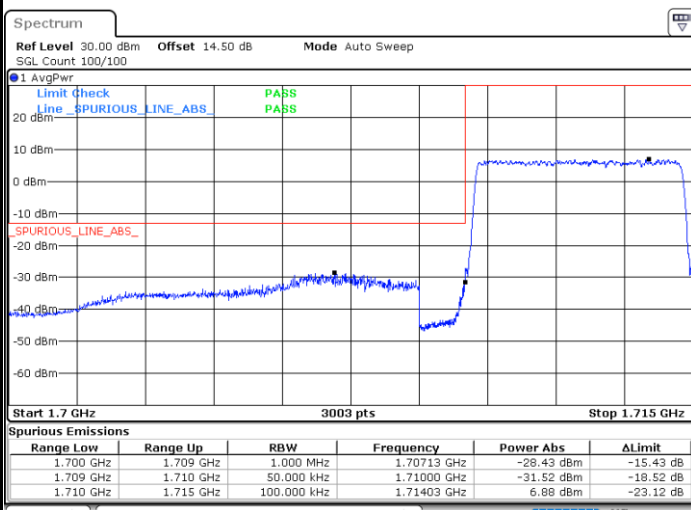
Date: 6.JAN.2025 21:47:01

Highest Band Edge / 1RB



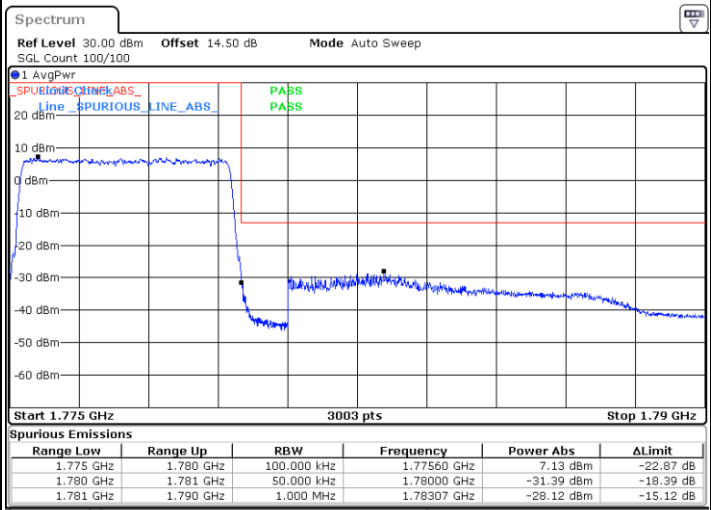
Date: 6.JAN.2025 21:55:40

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:50:40

Highest Band Edge / Full RB

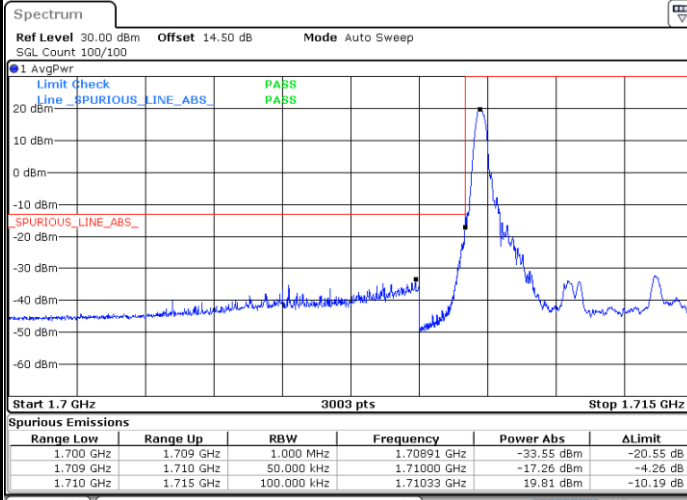


Date: 6.JAN.2025 21:58:14



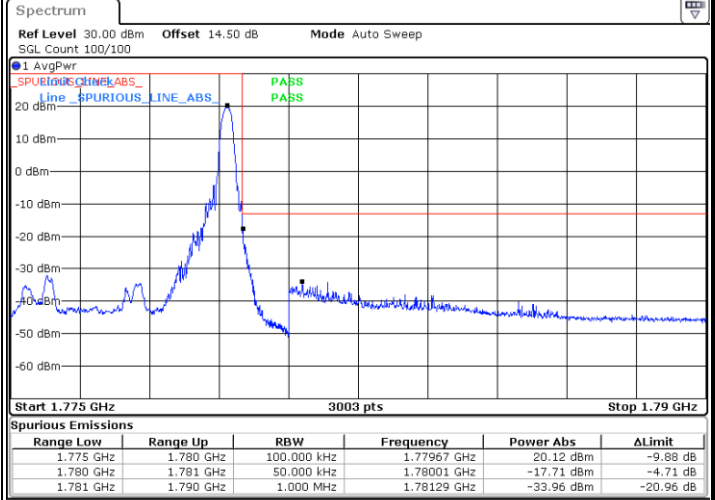
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



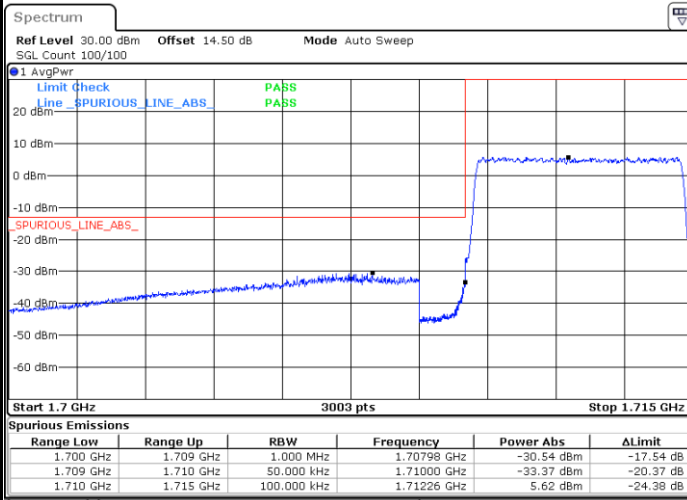
Date: 6.JAN.2025 21:47:52

Highest Band Edge / 1 RB



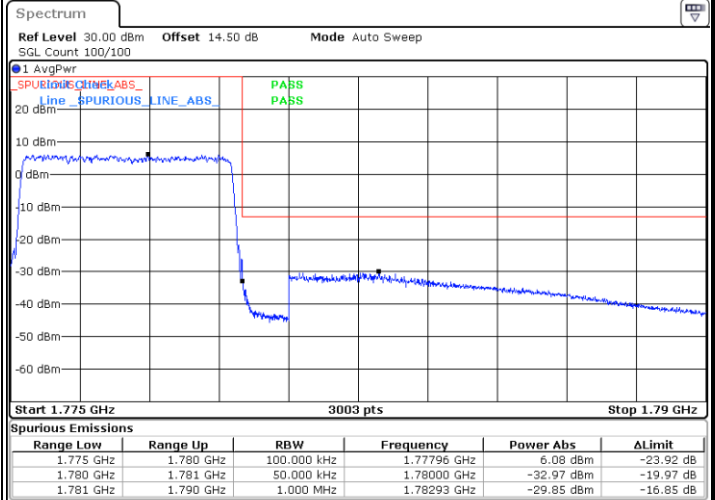
Date: 6.JAN.2025 21:56:31

Lowest Band Edge / Full RB



Date: 6.JAN.2025 21:51:32

Highest Band Edge / Full RB



Date: 6.JAN.2025 21:59:05