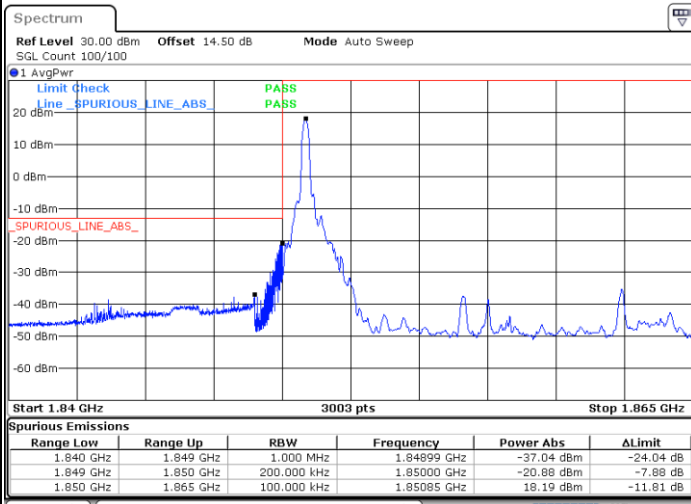


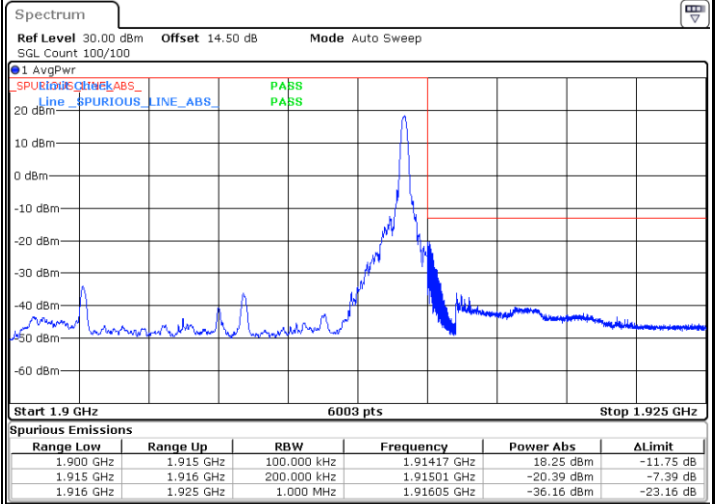


LTE Band 25 / 15MHz / 16QAM

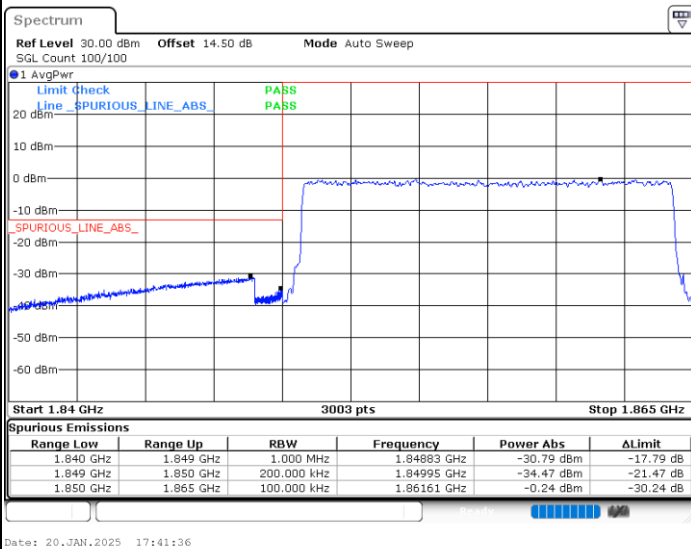
Lowest Band Edge / 1 RB



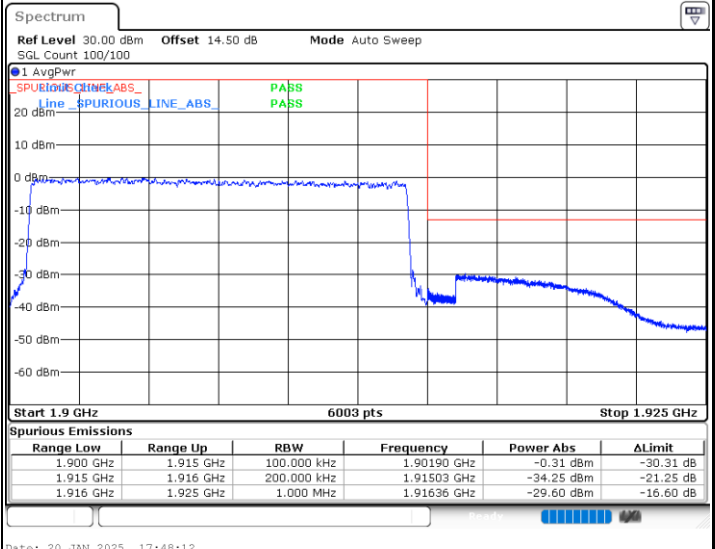
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



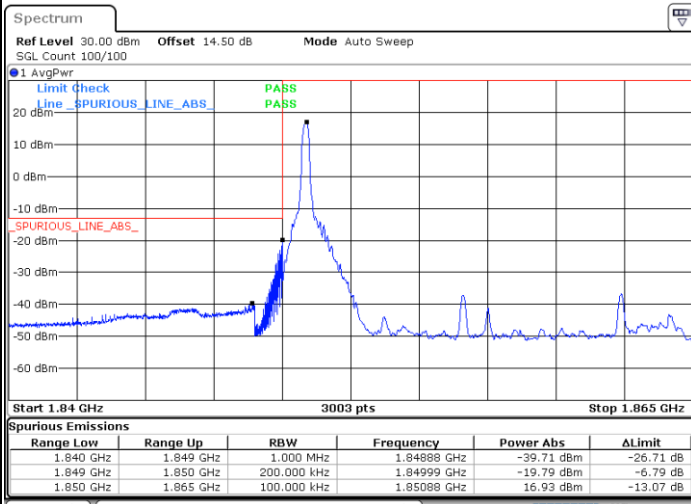
Highest Band Edge / Full RB





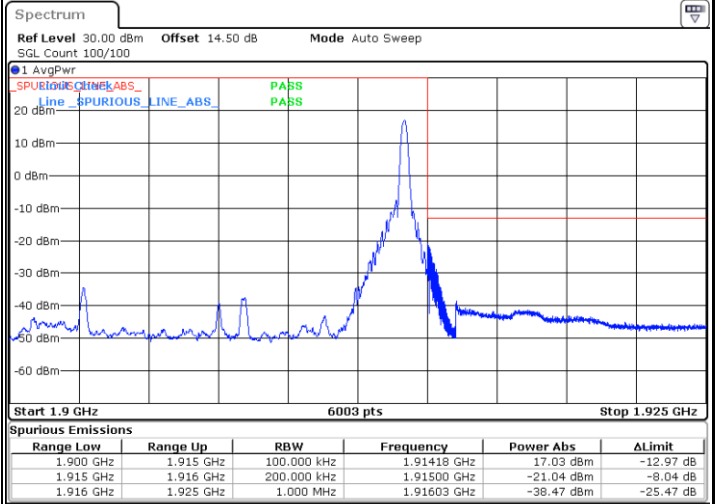
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



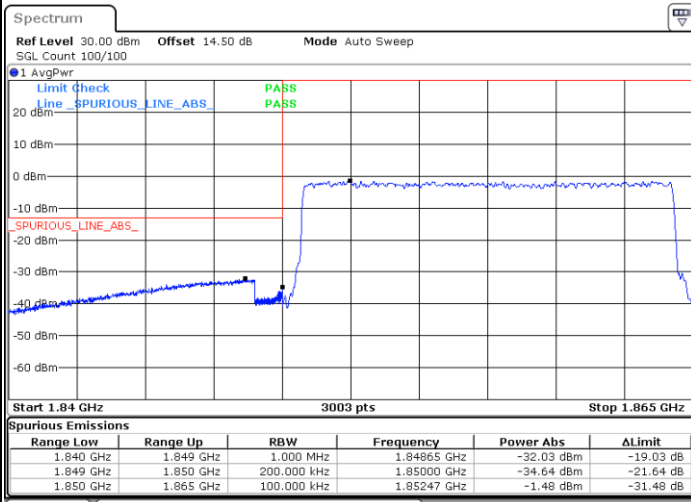
Date: 20. JAN. 2025 17:40:30

Highest Band Edge / 1 RB



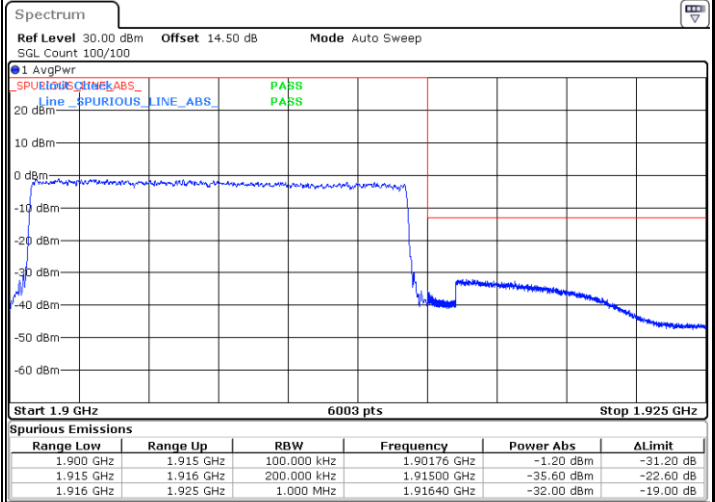
Date: 20. JAN. 2025 17:47:07

Lowest Band Edge / Full RB



Date: 20. JAN. 2025 17:41:03

Highest Band Edge / Full RB

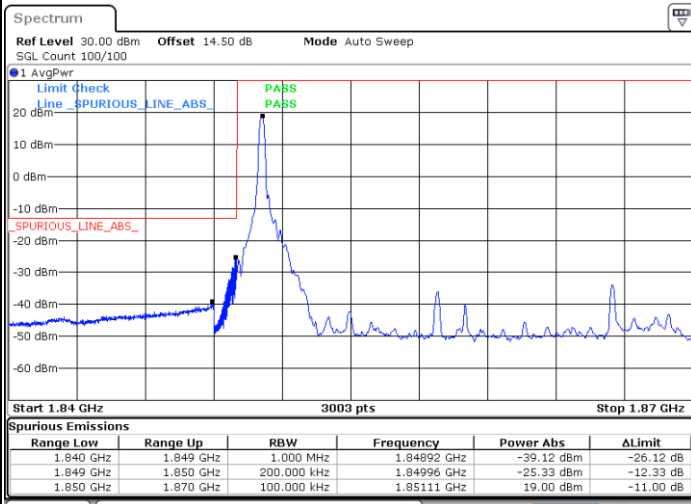


Date: 20. JAN. 2025 17:47:39



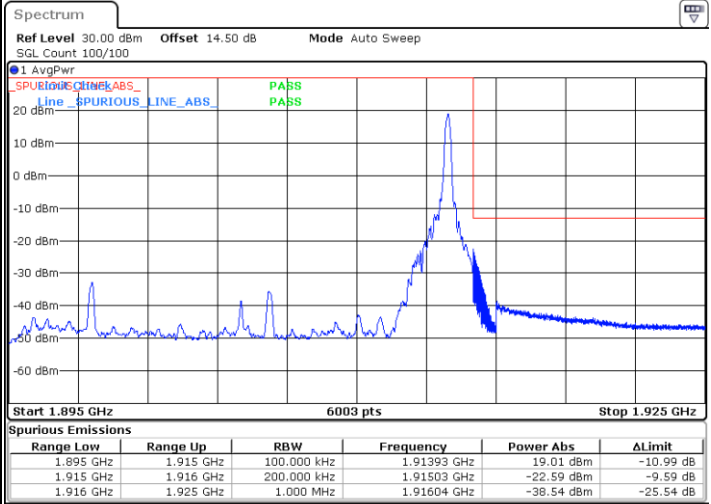
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1RB



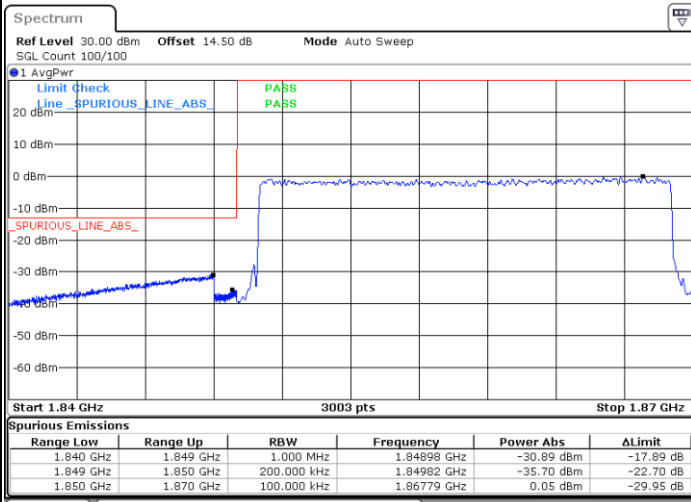
Date: 20.JAN.2025 17:51:00

Highest Band Edge / 1RB



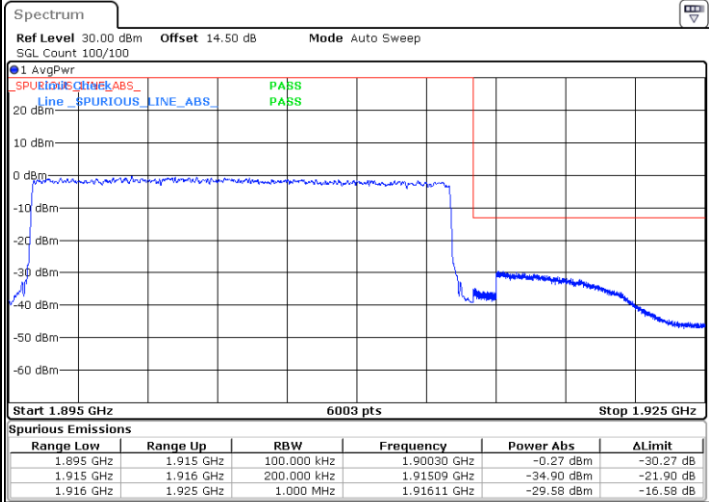
Date: 20.JAN.2025 17:58:59

Lowest Band Edge / Full RB



Date: 20.JAN.2025 17:53:44

Highest Band Edge / Full RB

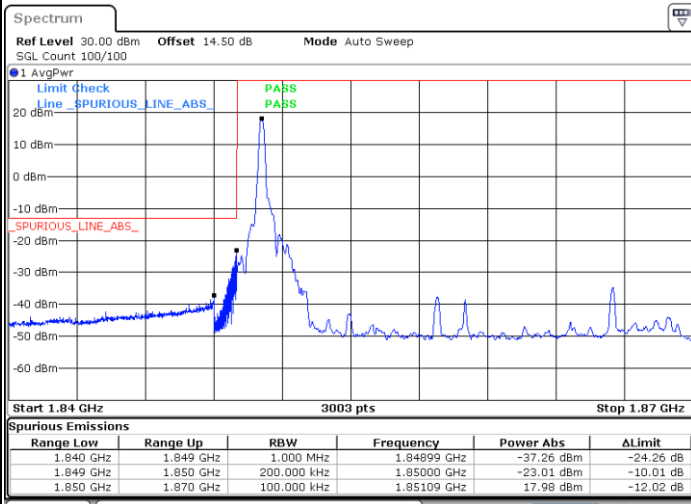


Date: 20.JAN.2025 18:01:46



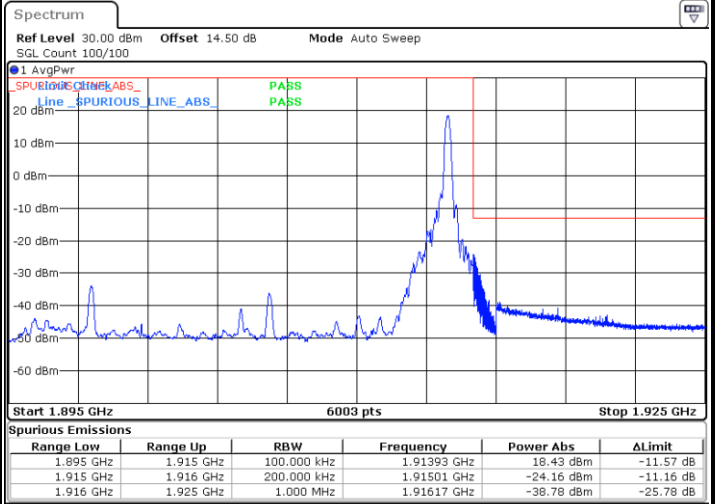
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



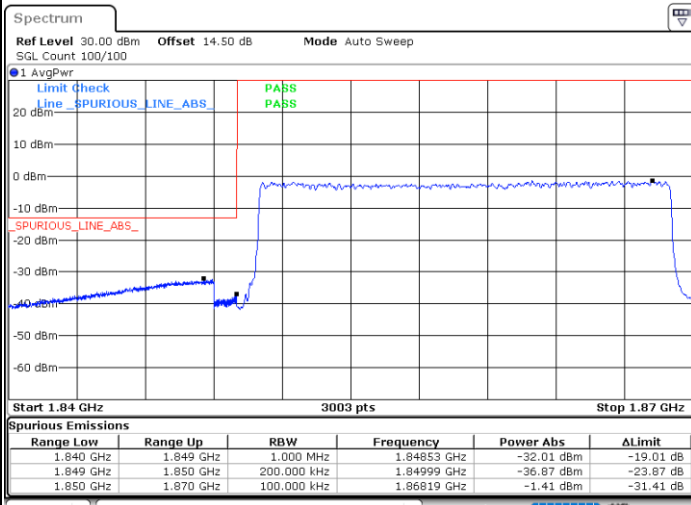
Date: 20.JAN.2025 17:51:33

Highest Band Edge / 1 RB



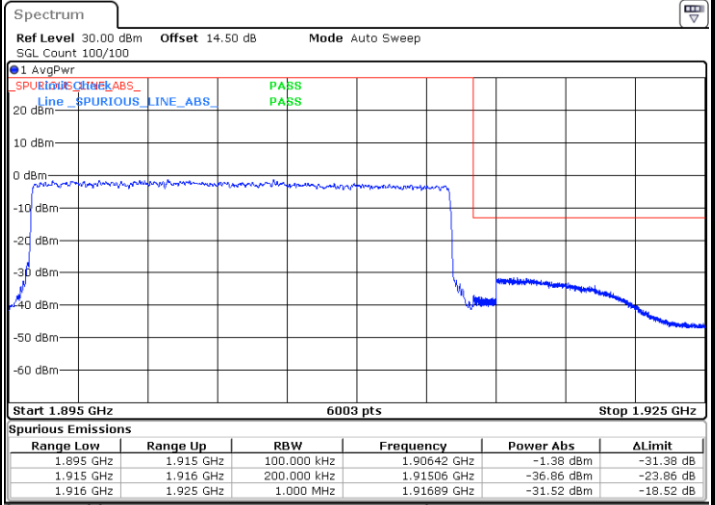
Date: 20.JAN.2025 17:59:31

Lowest Band Edge / Full RB



Date: 20.JAN.2025 17:53:11

Highest Band Edge / Full RB

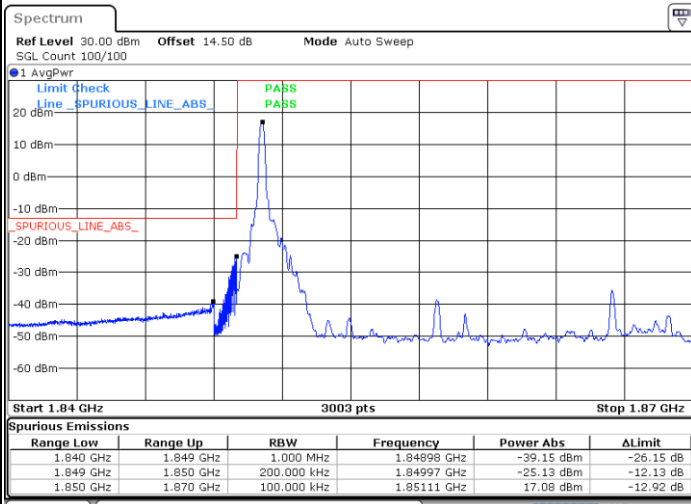


Date: 20.JAN.2025 18:01:13

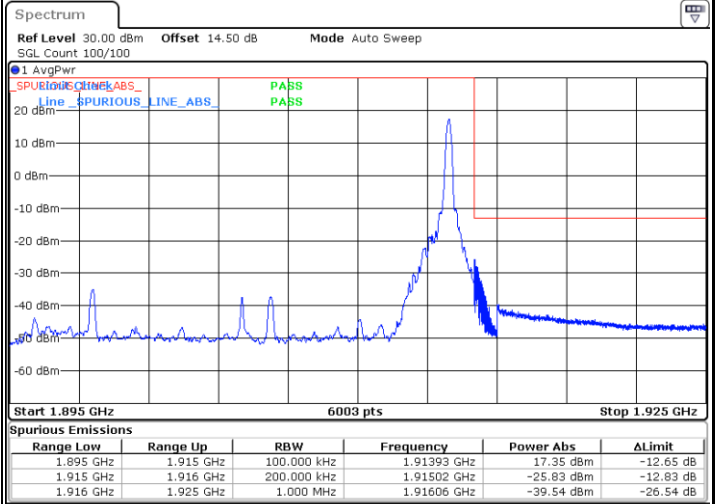


LTE Band 25 / 20MHz / 64QAM

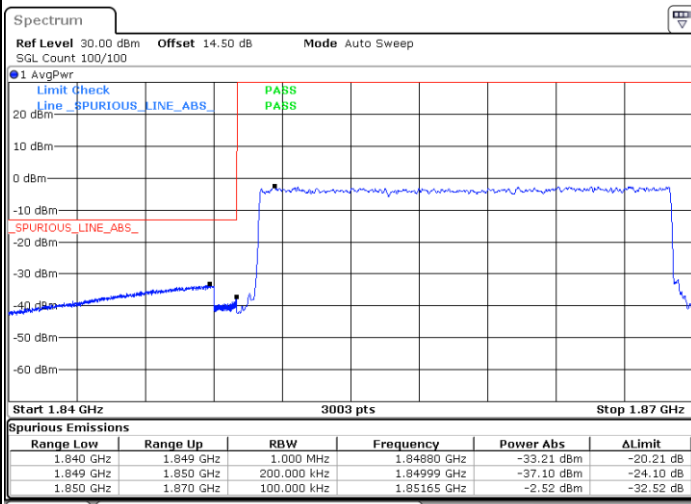
Lowest Band Edge / 1 RB



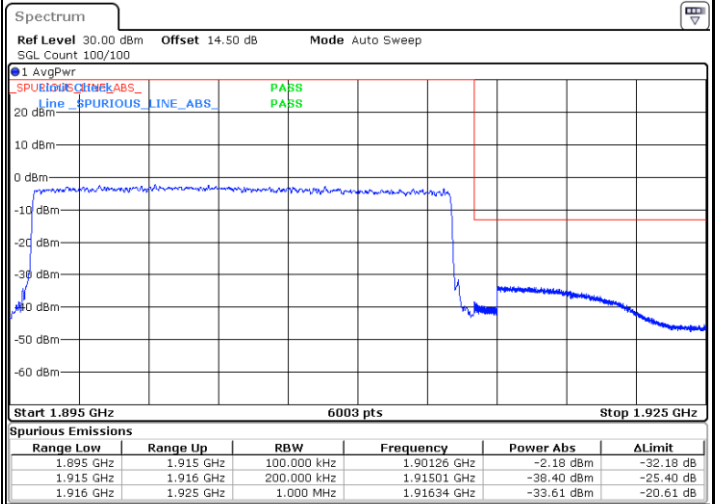
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

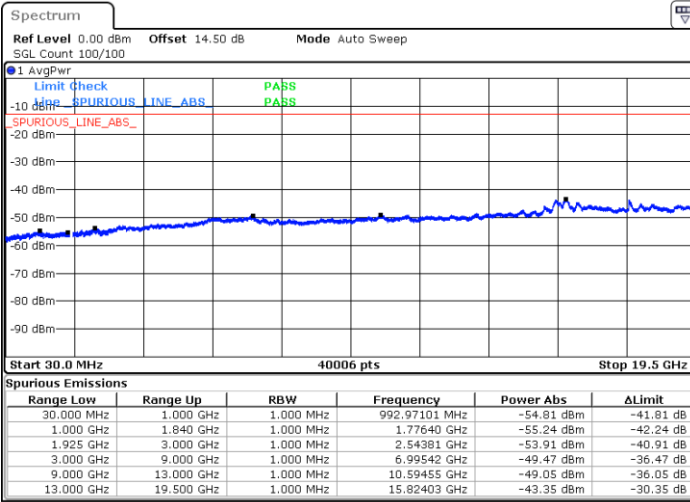




# Conducted Spurious Emission

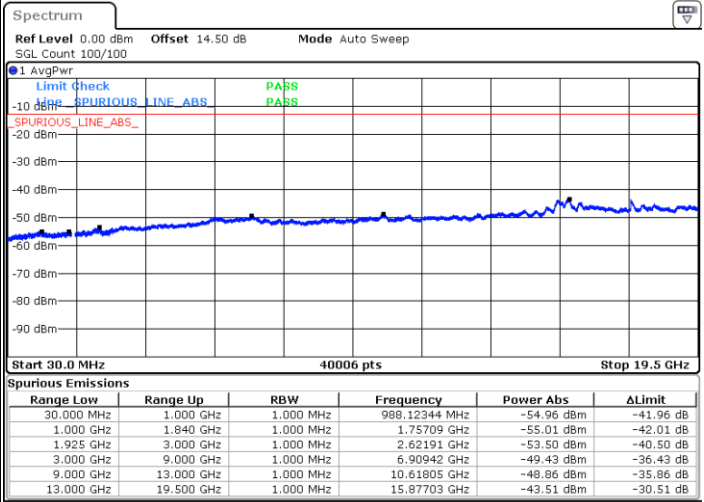
## LTE Band 25 / 1.4MHz

### Lowest Channel / QPSK



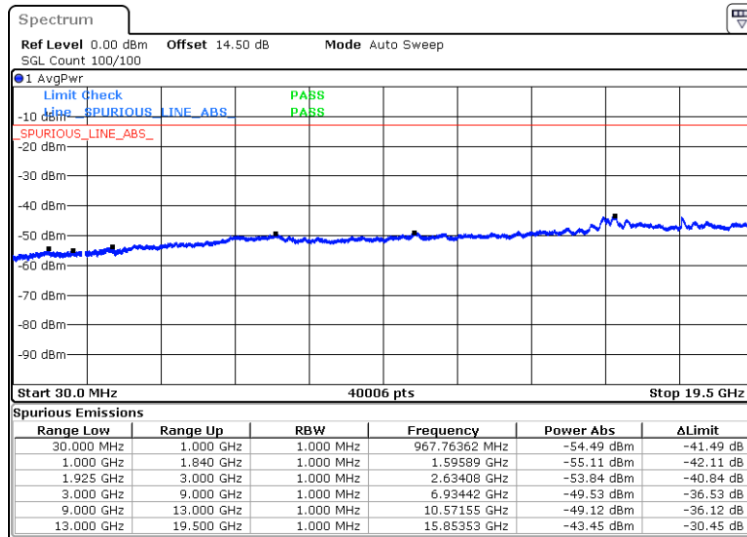
Date: 20.JAN.2025 16:55:49

### Middle Channel / QPSK



Date: 20.JAN.2025 16:56:49

### Highest Channel / QPSK

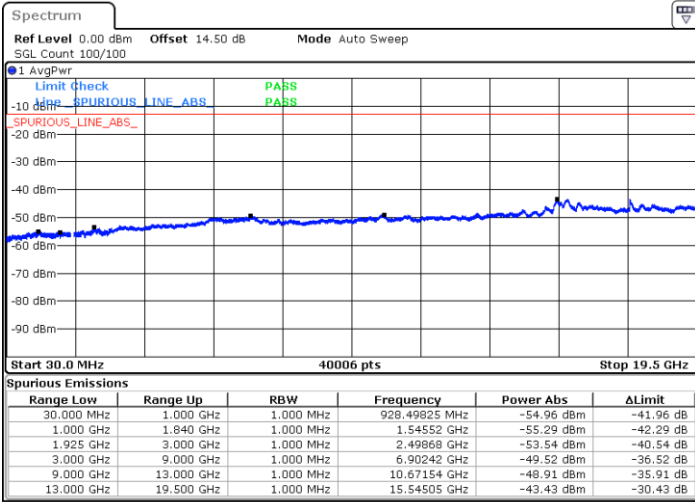


Date: 20.JAN.2025 17:03:13



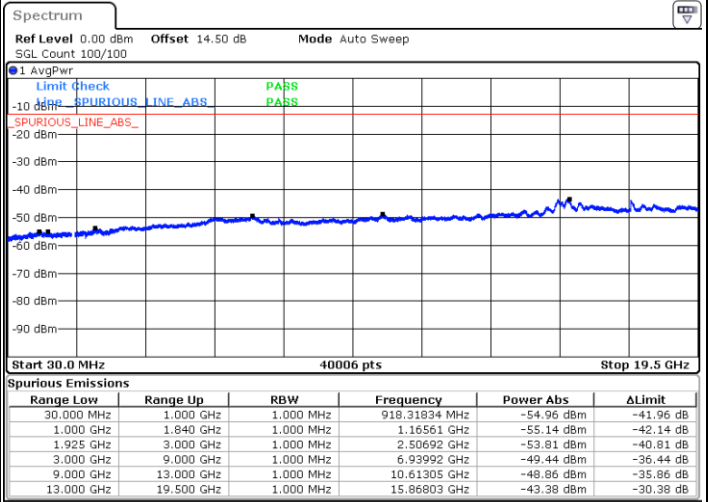
LTE Band 25 / 3MHz

Lowest Channel / QPSK



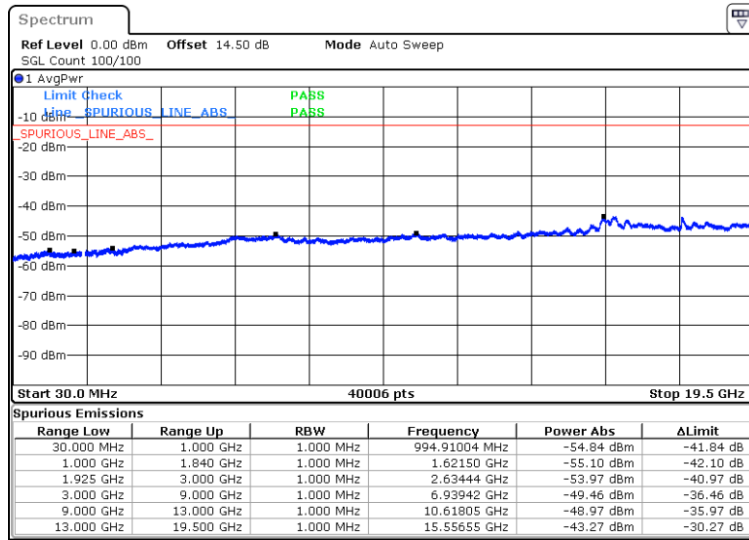
Date: 20.JAN.2025 17:08:13

Middle Channel / QPSK



Date: 20.JAN.2025 17:09:12

Highest Channel / QPSK

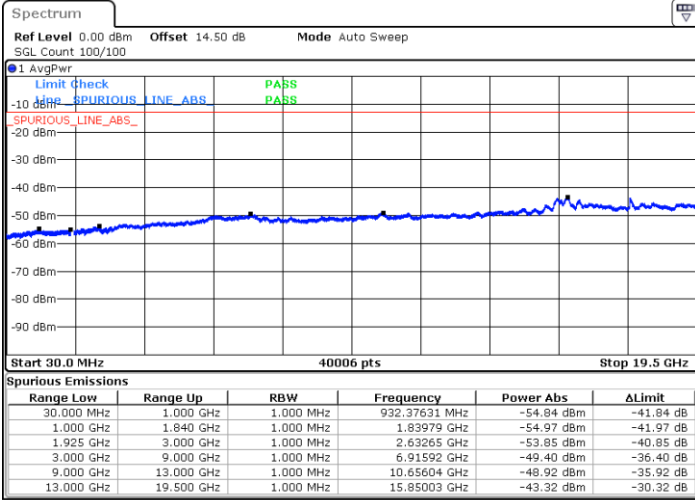


Date: 20.JAN.2025 17:14:49



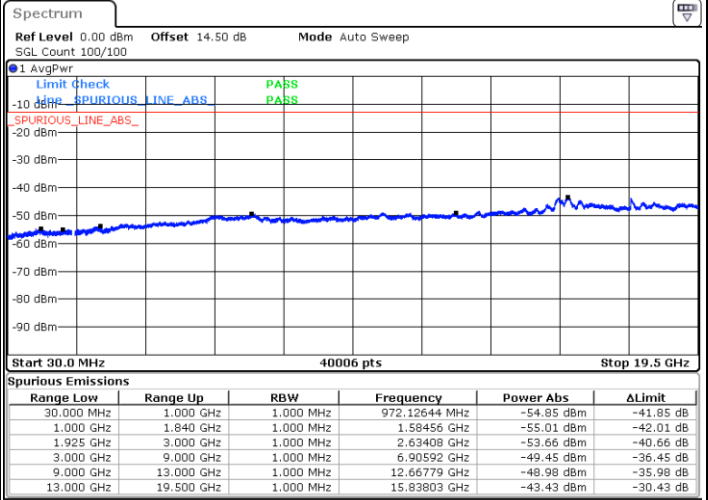
LTE Band 25 / 5MHz

Lowest Channel / QPSK



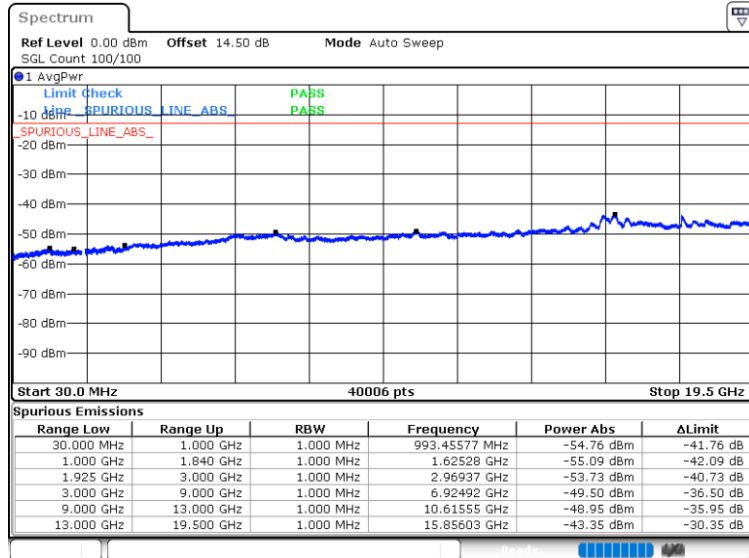
Date: 20.JAN.2025 17:19:52

Middle Channel / QPSK



Date: 20.JAN.2025 17:20:52

Highest Channel / QPSK

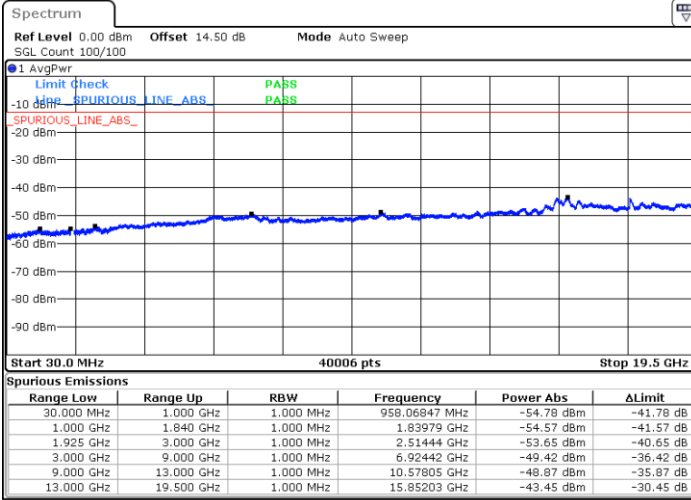


Date: 20.JAN.2025 17:26:29



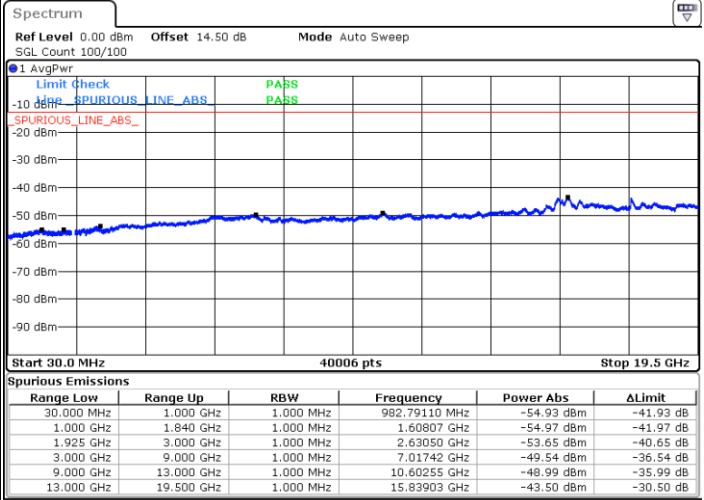
LTE Band 25 / 10MHz

Lowest Channel / QPSK



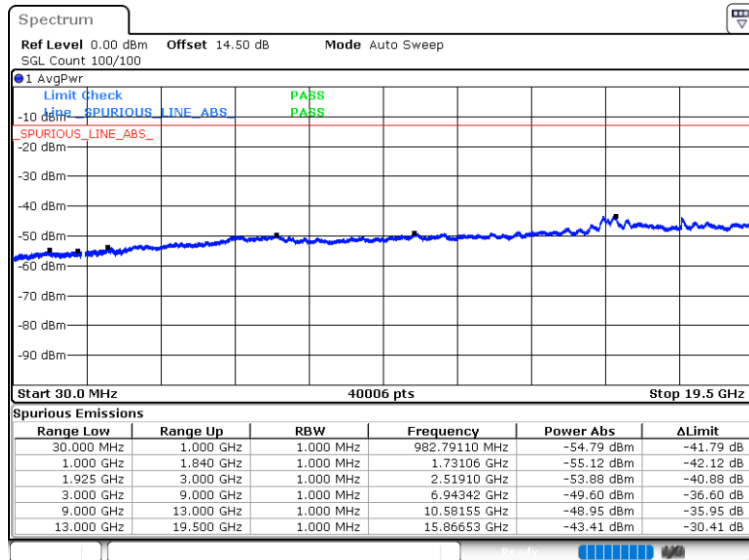
Date: 20.JAN.2025 17:31:32

Middle Channel / QPSK



Date: 20.JAN.2025 17:32:32

Highest Channel / QPSK

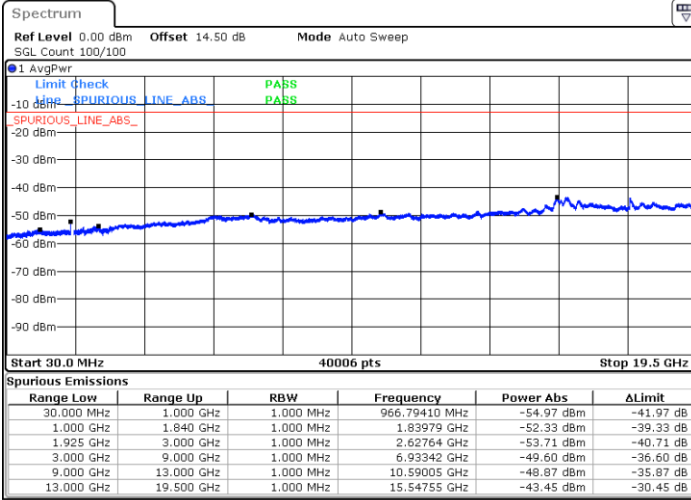


Date: 20.JAN.2025 17:38:09



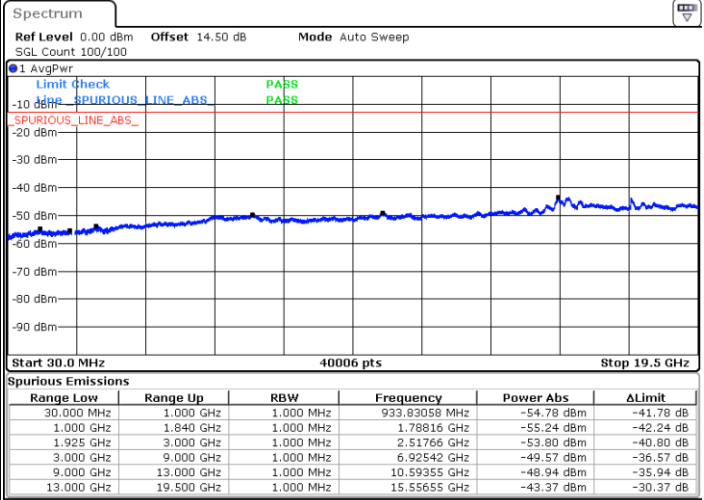
LTE Band 25 / 15MHz

Lowest Channel / QPSK



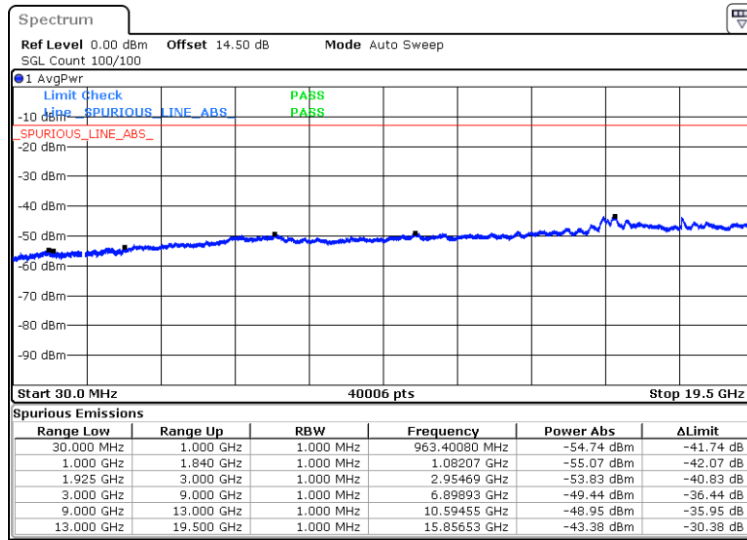
Date: 20.JAN.2025 17:43:09

Middle Channel / QPSK



Date: 20.JAN.2025 17:44:09

Highest Channel / QPSK

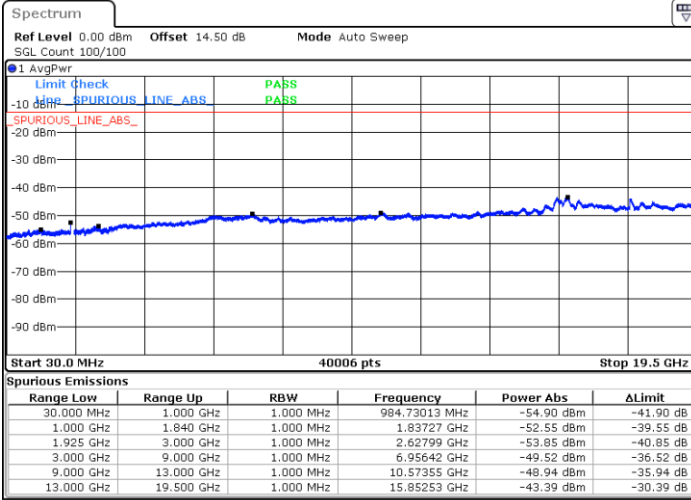


Date: 20.JAN.2025 17:49:45



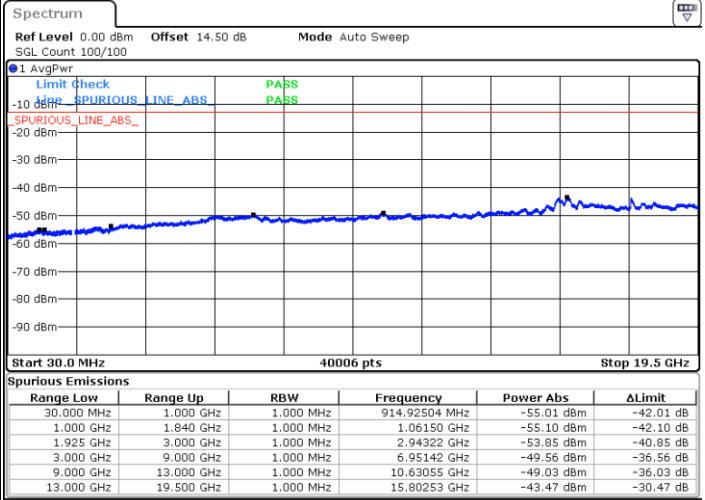
LTE Band 25 / 20MHz

Lowest Channel / QPSK



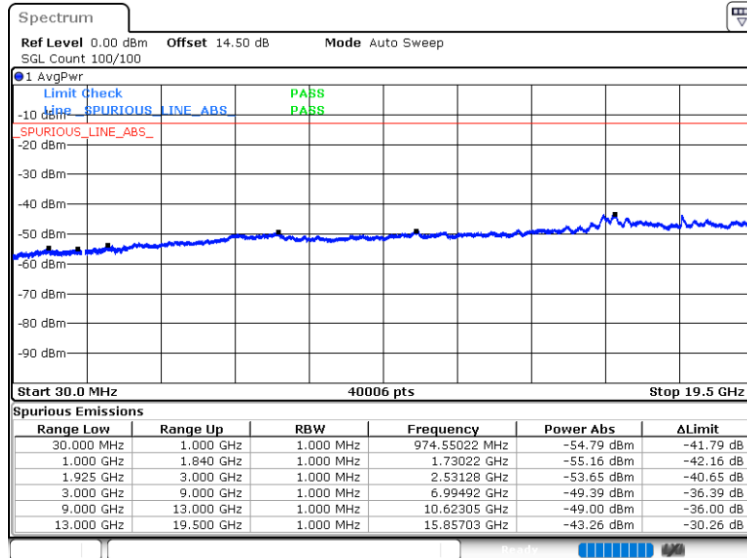
Date: 20.JAN.2025 17:54:44

Middle Channel / QPSK



Date: 20.JAN.2025 17:55:44

Highest Channel / QPSK



Date: 20.JAN.2025 18:02:46



### Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 1.4MHz	Note 2.
		Frequency Offset ( $\Delta f$ ) (Hz)	Result
50	Normal Voltage	4.8	PASS
40	Normal Voltage	3.5	
30	Normal Voltage	2	
20(Ref.)	Normal Voltage	2.7	
10	Normal Voltage	2.6	
0	Normal Voltage	1.4	
-10	Normal Voltage	5.3	
-20	Normal Voltage	4.8	
-30	Normal Voltage	5.2	
20	Maximum Voltage	-1.3	
20	Normal Voltage	2.7	
20	Battery End Point	4.9	

**Note:**

1. Normal Voltage = 3.91 V.; Battery End Point (BEP) = 3.6 V.; Maximum Voltage = 4.5 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

$|\text{MAX}(\Delta f)| = 5.3\text{Hz}$

Frequency Stability	Frequency (MHz)	Limit Line	Result
$f_L -  \text{MAX}(\Delta f) $	1850.146145	$\geq 1850 \text{ MHz}$	PASS
$f_H +  \text{MAX}(\Delta f) $	1914.851055	$\leq 1915 \text{ MHz}$	



## LTE Band 66 (Main PA)

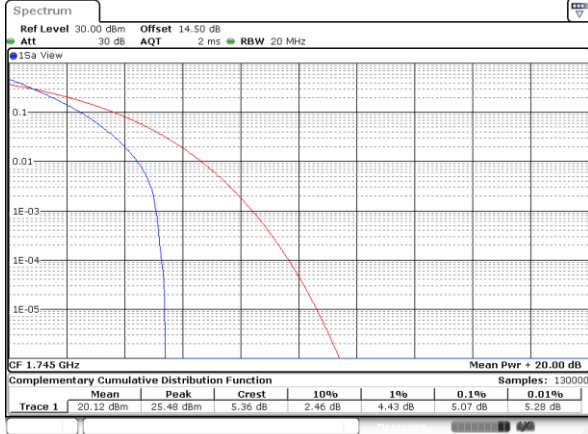
### Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.07	6.03	6.46	<b>PASS</b>



LTE Band 66 / 20MHz / QPSK

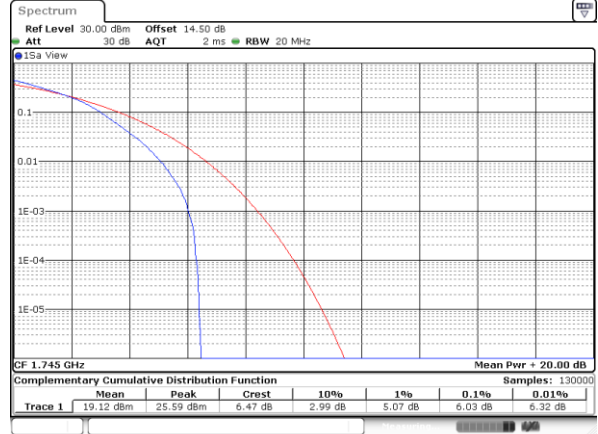
Middle Channel / Full RB



Date: 22, JAN, 2025 13:22:05

LTE Band 66 / 20MHz / 16QAM

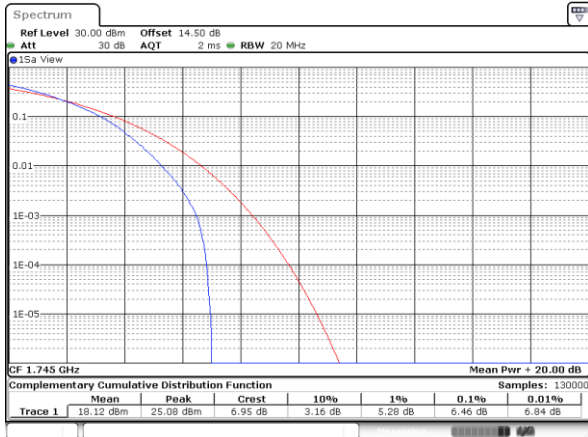
Middle Channel / Full RB



Date: 22, JAN, 2025 13:22:32

LTE Band 66 / 20MHz / 64QAM

Middle Channel / Full RB



Date: 22, JAN, 2025 13:22:59



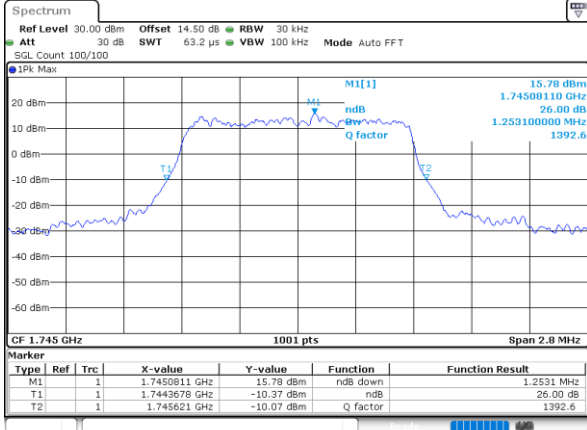
## 26dB Bandwidth

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	2.98	2.98	4.94	4.89	9.81	9.83	14.15	14.54	19.18	18.98



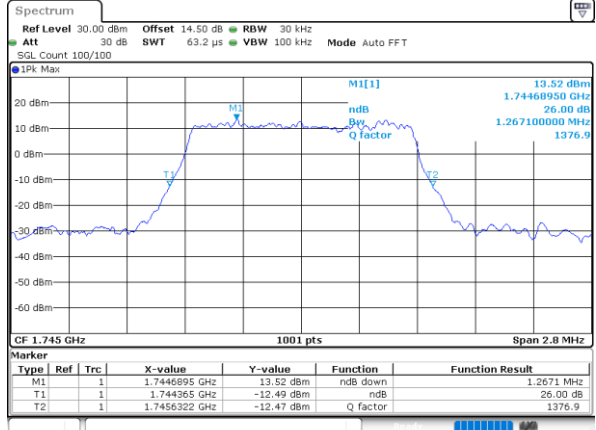
LTE Band 66

Middle Channel / 1.4MHz / QPSK



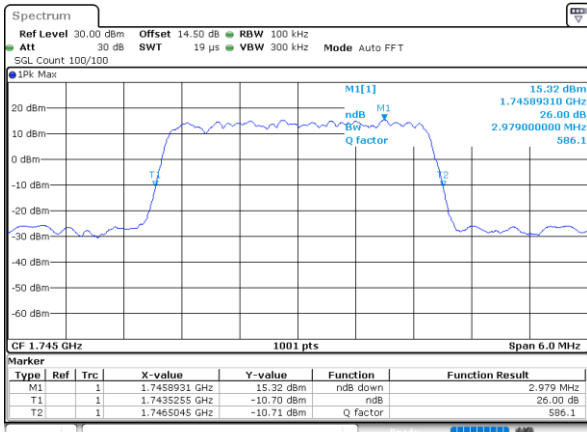
Date: 22-JAN-2025 12:19:30

Middle Channel / 1.4MHz / 16QAM



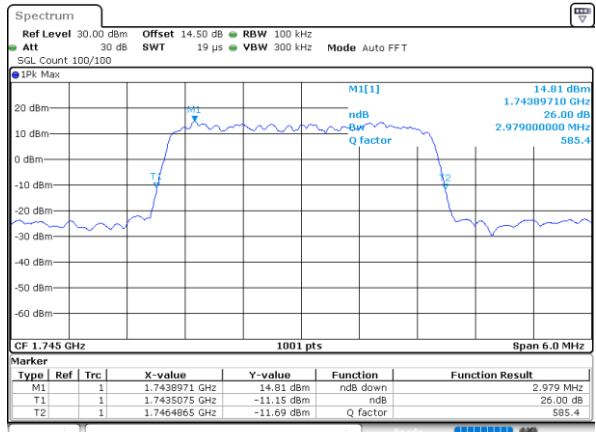
Date: 22-JAN-2025 12:20:10

Middle Channel / 3MHz / QPSK



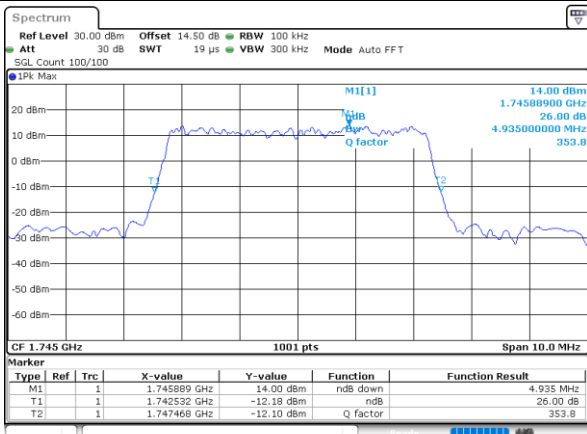
Date: 22-JAN-2025 12:31:44

Middle Channel / 3MHz / 16QAM



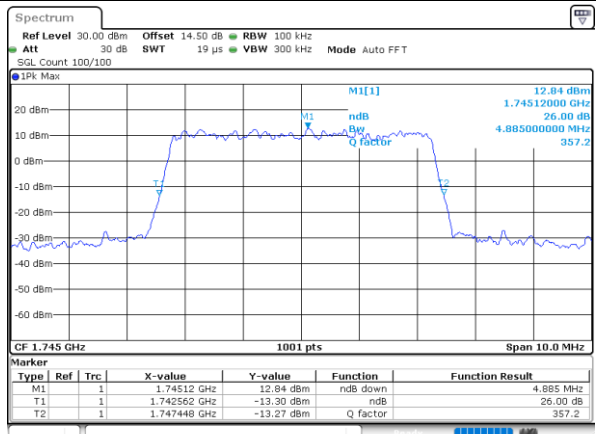
Date: 22-JAN-2025 12:32:24

Middle Channel / 5MHz / QPSK



Date: 22-JAN-2025 12:44:05

Middle Channel / 5MHz / 16QAM

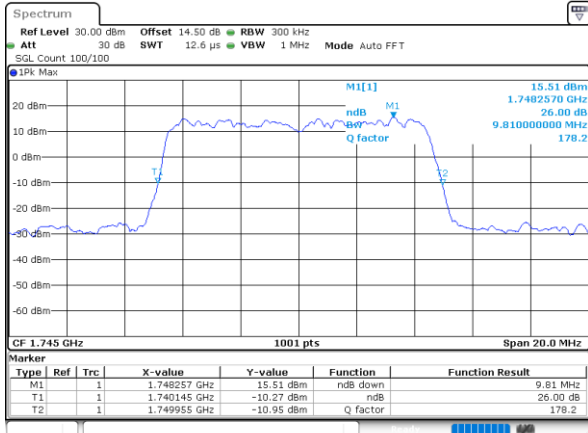


Date: 22-JAN-2025 12:44:45



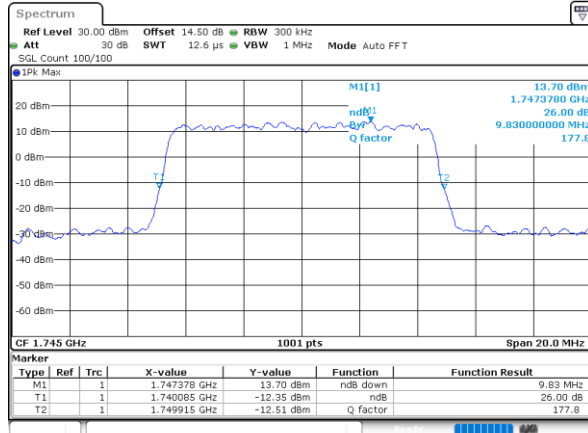
LTE Band 66

Middle Channel / 10MHz / QPSK



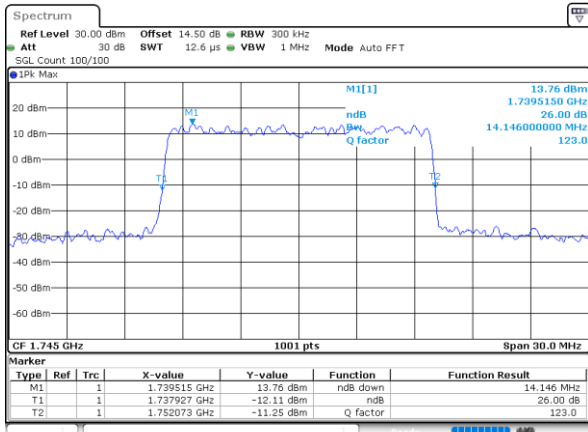
Date: 22, JAN, 2025 12:15:23

Middle Channel / 10MHz / 16QAM



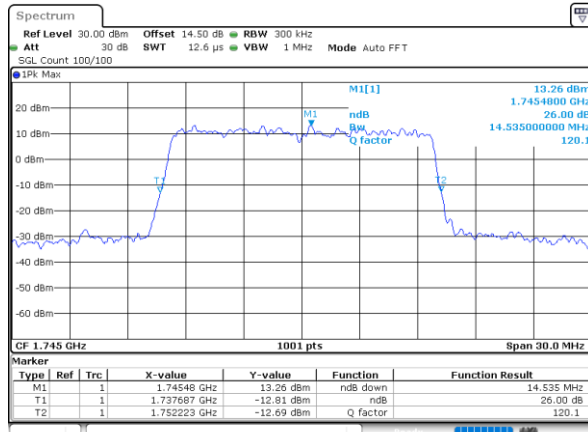
Date: 22, JAN, 2025 12:15:103

Middle Channel / 15MHz / QPSK



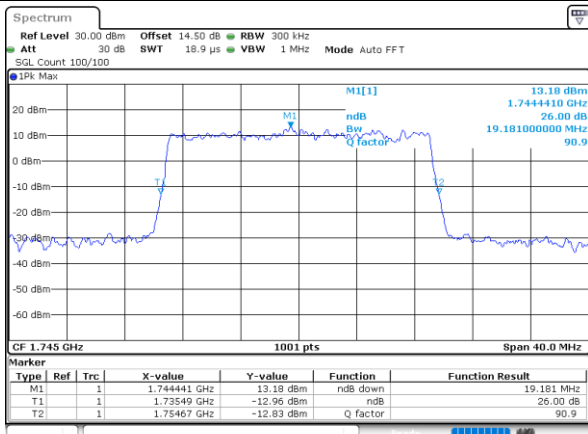
Date: 22, JAN, 2025 13:08:43

Middle Channel / 15MHz / 16QAM



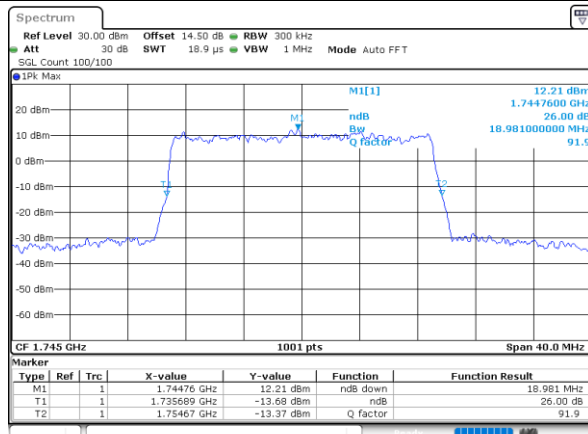
Date: 22, JAN, 2025 13:09:23

Middle Channel / 20MHz / QPSK



Date: 22, JAN, 2025 13:12:158

Middle Channel / 20MHz / 16QAM



Date: 22, JAN, 2025 13:12:137



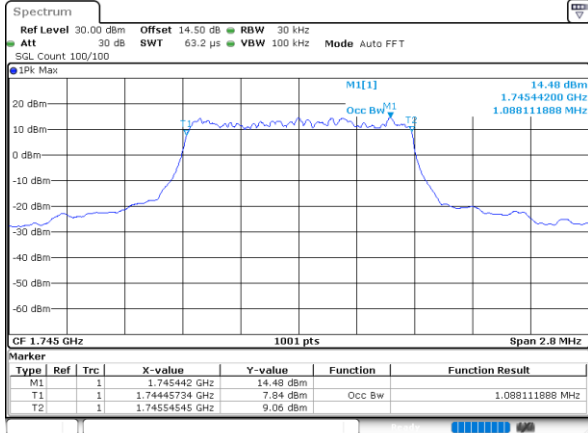
### Occupied Bandwidth

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	1.09	2.72	2.70	4.49	4.50	9.03	8.97	13.43	13.43	17.94	17.82



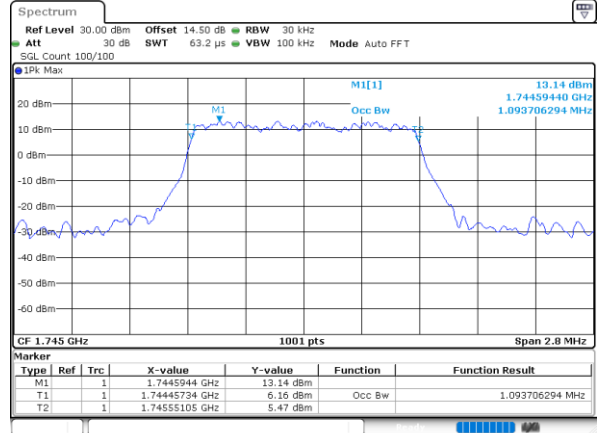
LTE Band 66

Middle Channel / 1.4MHz / QPSK



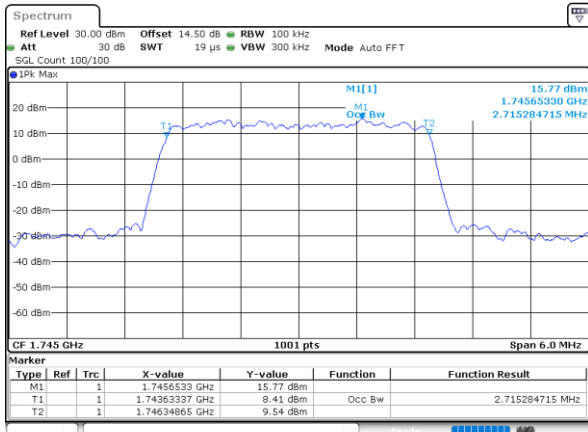
Date: 22.JAN.2025 12:19:16

Middle Channel / 1.4MHz / 16QAM



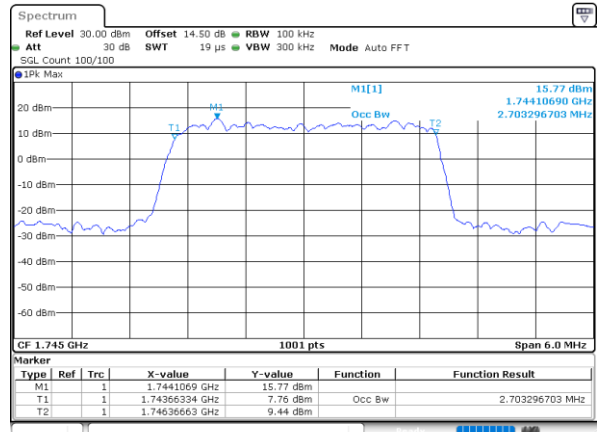
Date: 22.JAN.2025 12:19:56

Middle Channel / 3MHz / QPSK



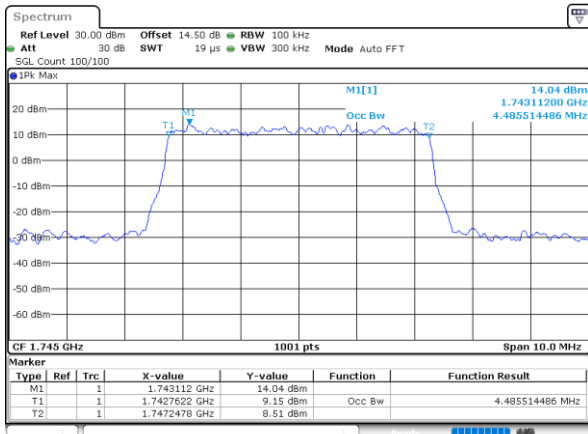
Date: 22.JAN.2025 12:31:30

Middle Channel / 3MHz / 16QAM



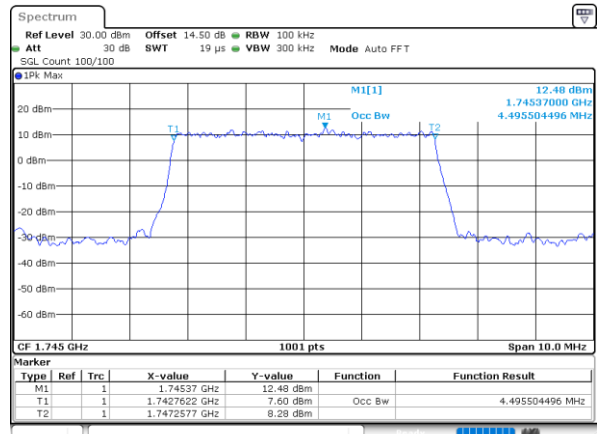
Date: 22.JAN.2025 12:32:10

Middle Channel / 5MHz / QPSK



Date: 22.JAN.2025 12:43:51

Middle Channel / 5MHz / 16QAM

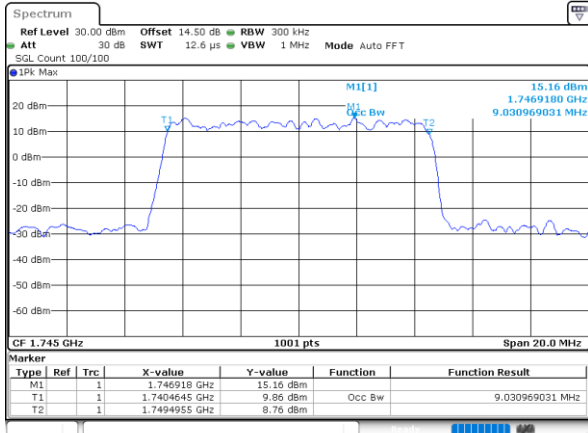


Date: 22.JAN.2025 12:44:31



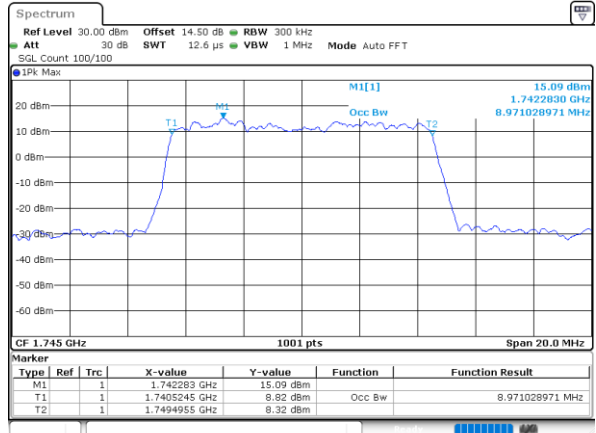
LTE Band 66

Middle Channel / 10MHz / QPSK



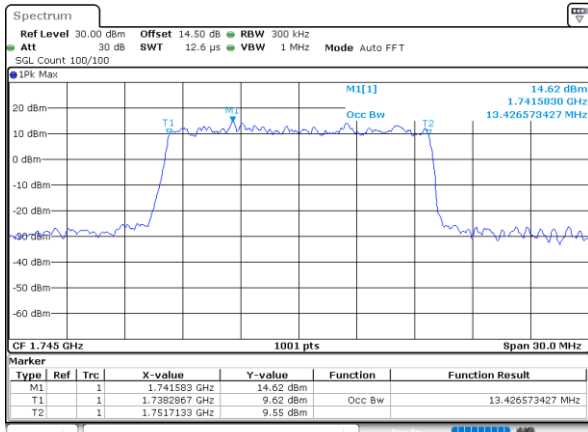
Date: 22, JAN, 2025 12:15:09

Middle Channel / 10MHz / 16QAM



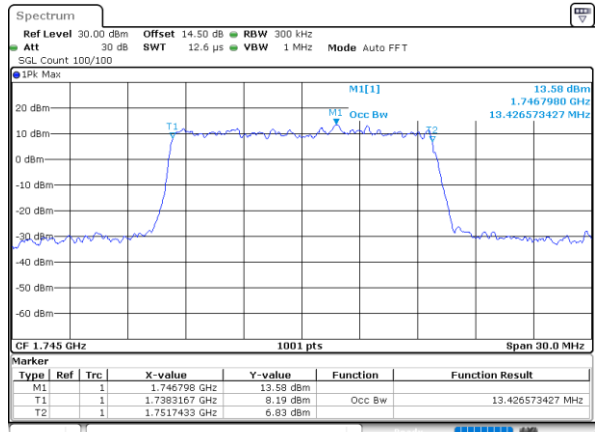
Date: 22, JAN, 2025 12:15:49

Middle Channel / 15MHz / QPSK



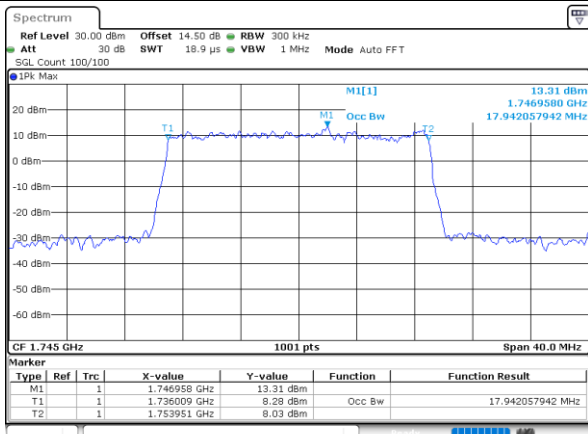
Date: 22, JAN, 2025 13:08:29

Middle Channel / 15MHz / 16QAM



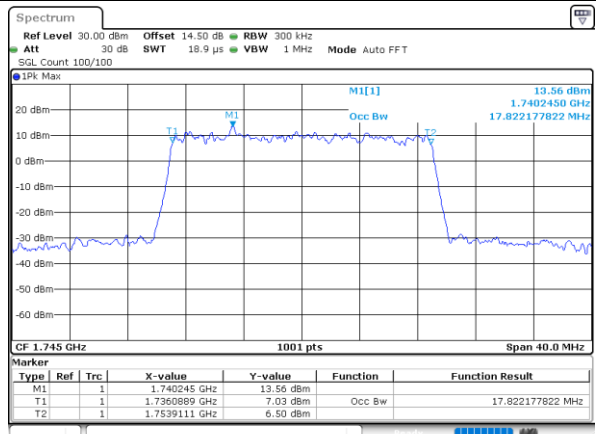
Date: 22, JAN, 2025 13:09:09

Middle Channel / 20MHz / QPSK



Date: 22, JAN, 2025 13:20:44

Middle Channel / 20MHz / 16QAM



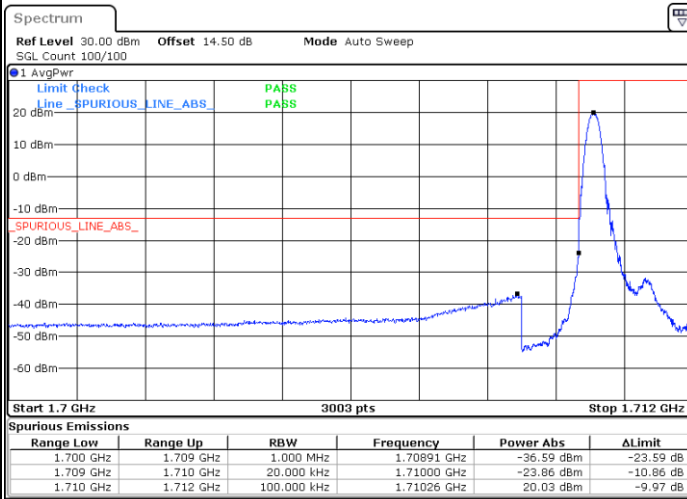
Date: 22, JAN, 2025 13:21:24



# Conducted Band Edge

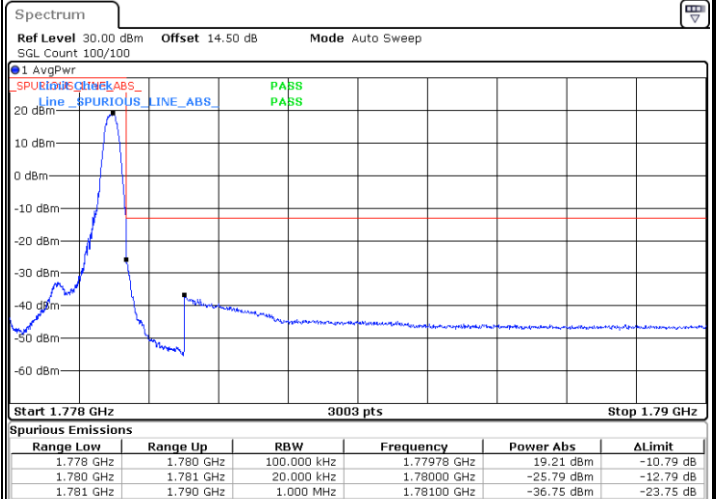
## LTE Band 66 / 1.4MHz / QPSK

### Lowest Band Edge / 1RB



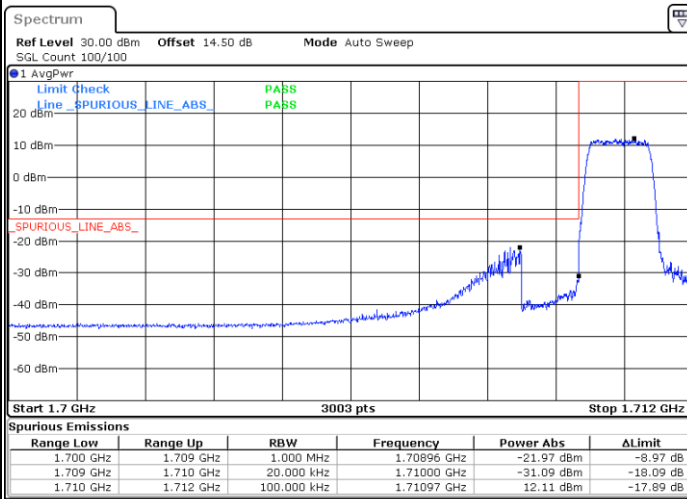
Date: 22.JAN.2025 12:13:51

### Highest Band Edge / 1RB



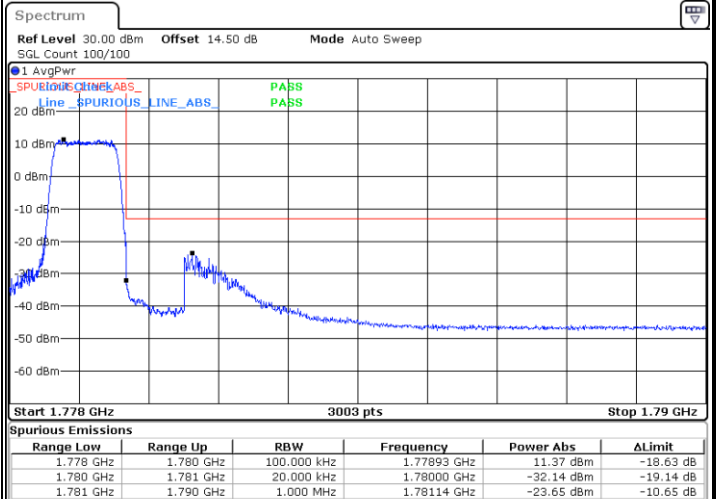
Date: 22.JAN.2025 12:20:45

### Lowest Band Edge / Full RB



Date: 22.JAN.2025 12:16:38

### Highest Band Edge / Full RB

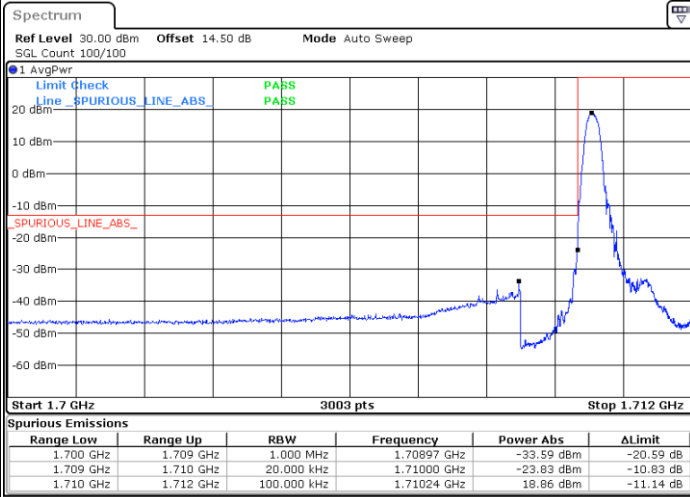


Date: 22.JAN.2025 12:23:32



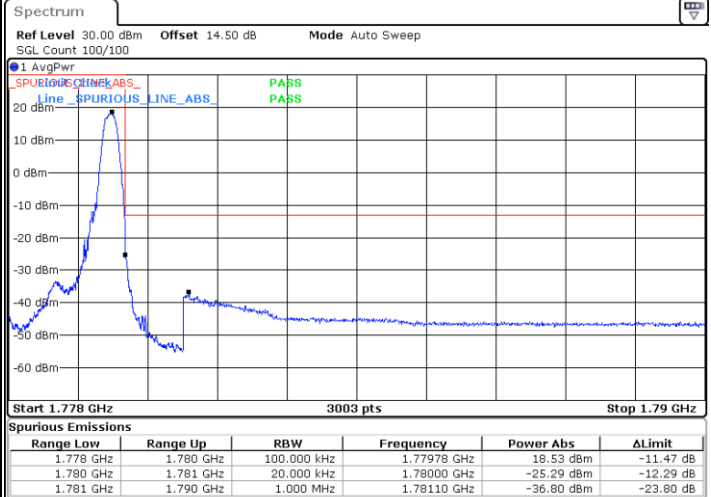
LTE Band 66 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



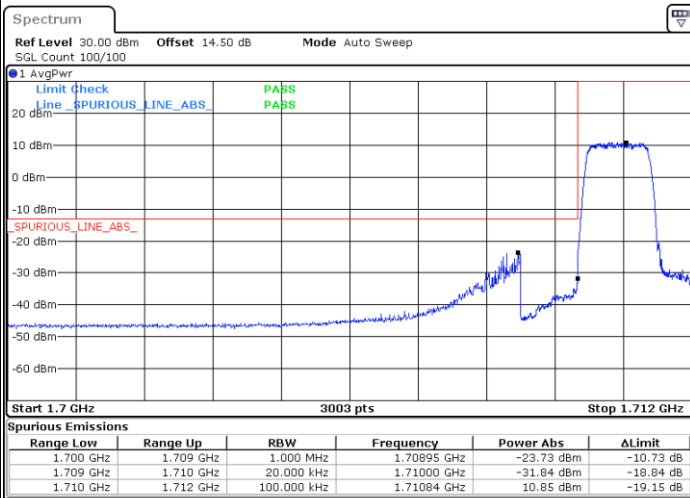
Date: 22.JAN.2025 12:14:26

Highest Band Edge / 1 RB



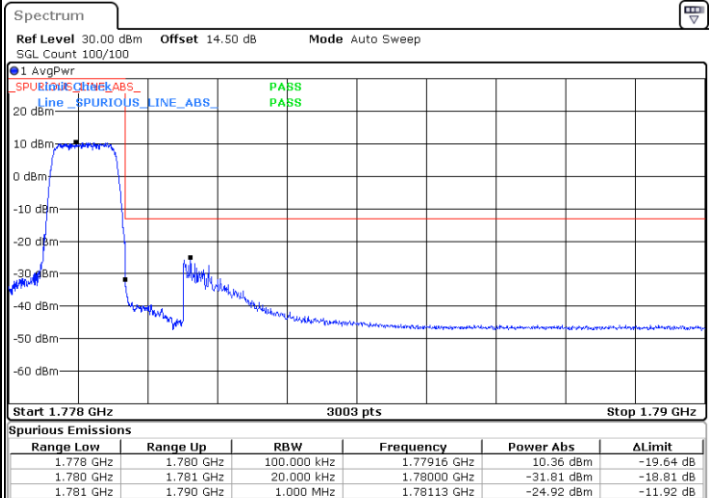
Date: 22.JAN.2025 12:21:20

Lowest Band Edge / Full RB



Date: 22.JAN.2025 12:17:13

Highest Band Edge / Full RB

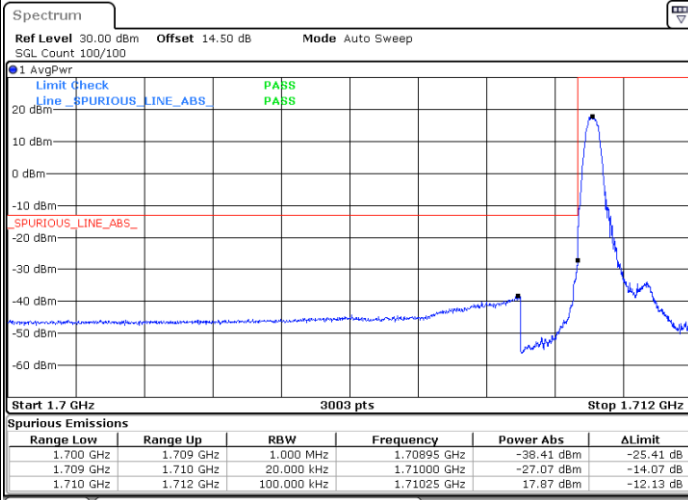


Date: 22.JAN.2025 12:24:07

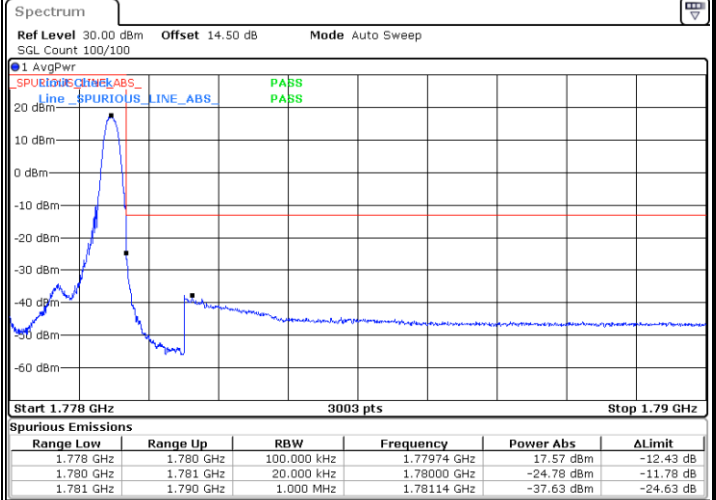


LTE Band 66 / 1.4MHz / 64QAM

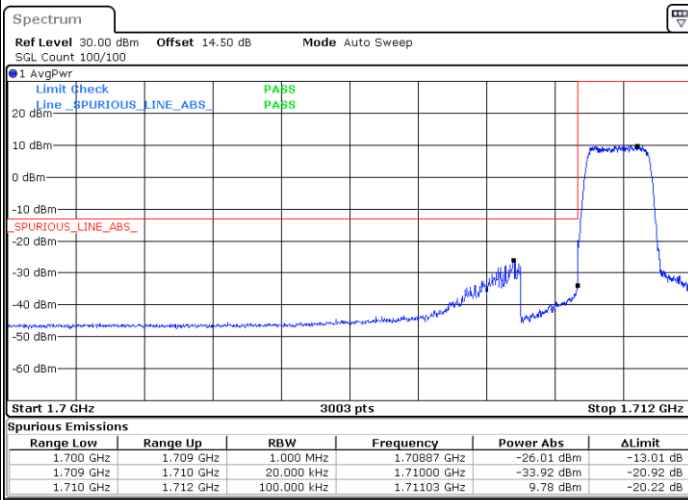
Lowest Band Edge / 1 RB



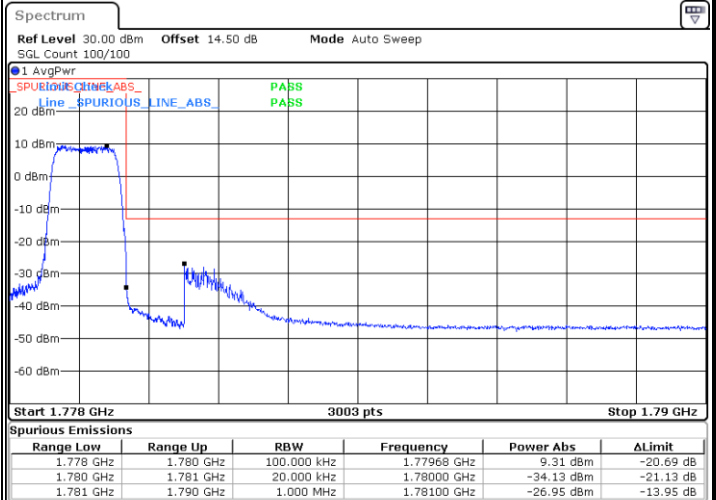
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



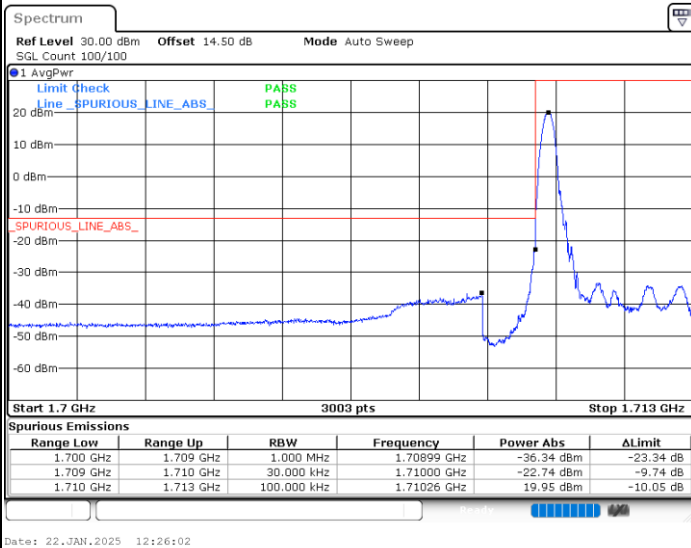
Highest Band Edge / Full RB



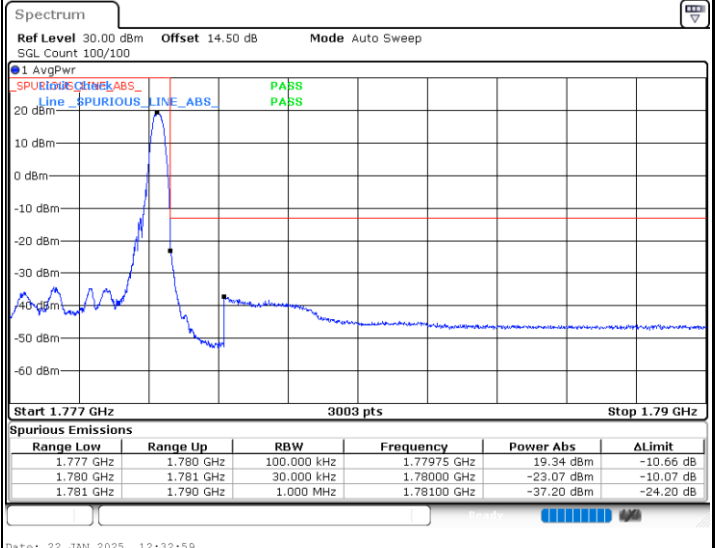


LTE Band 66 / 3MHz / QPSK

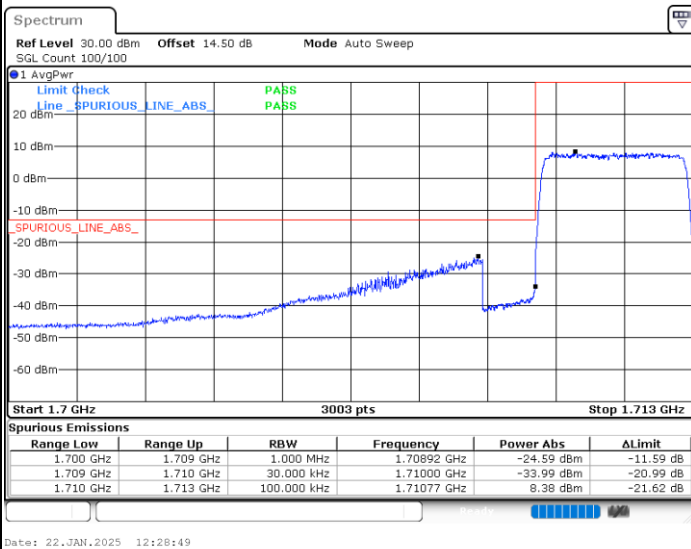
Lowest Band Edge / 1RB



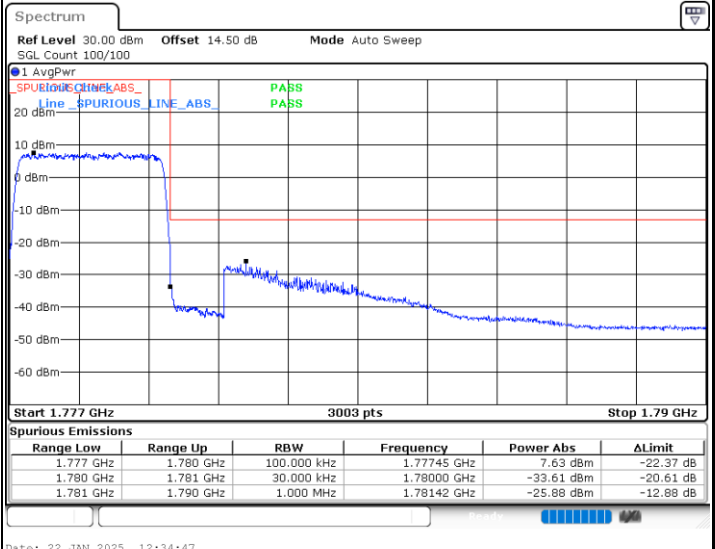
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



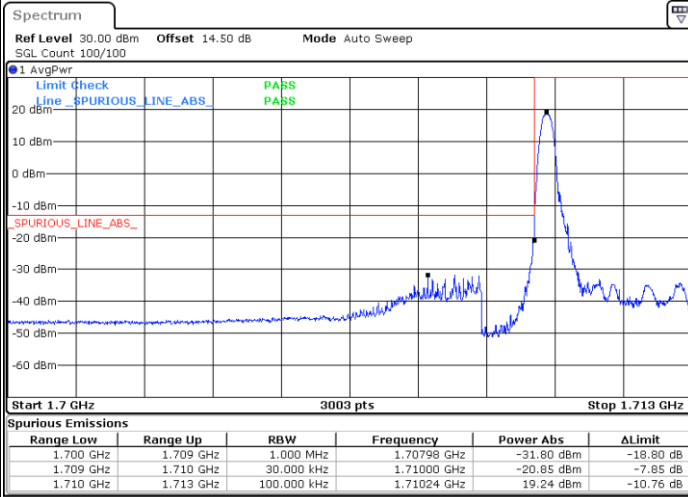
Highest Band Edge / Full RB





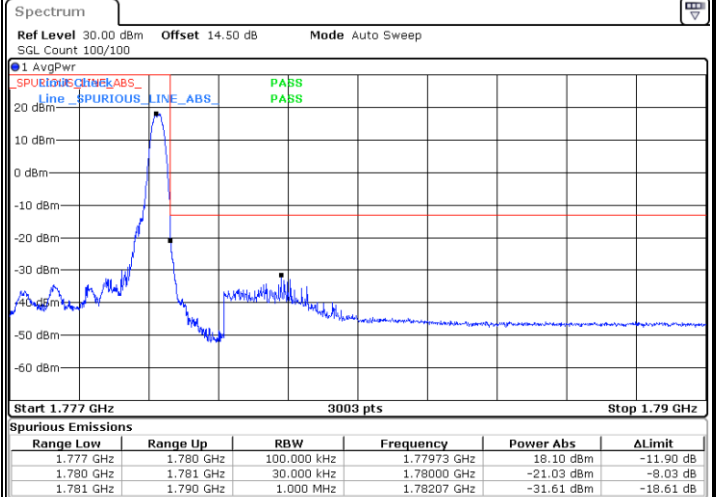
LTE Band 66 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



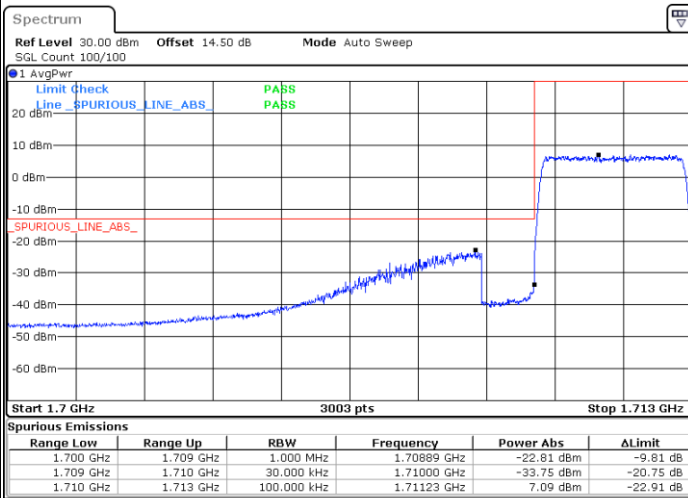
Date: 22.JAN.2025 12:26:37

Highest Band Edge / 1 RB



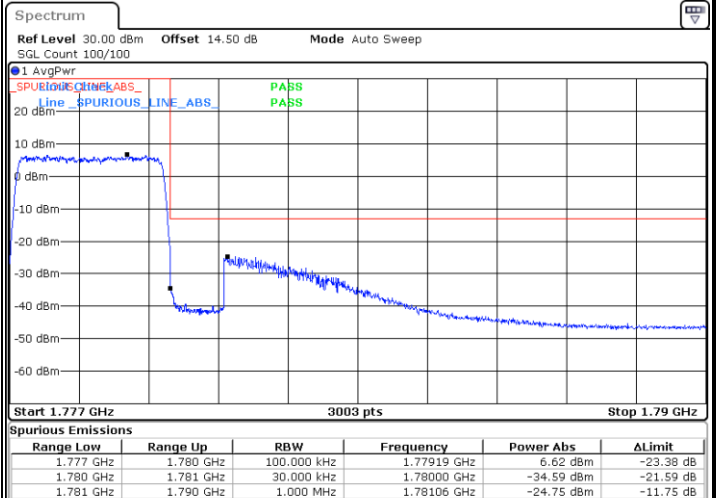
Date: 22.JAN.2025 12:33:35

Lowest Band Edge / Full RB



Date: 22.JAN.2025 12:29:24

Highest Band Edge / Full RB

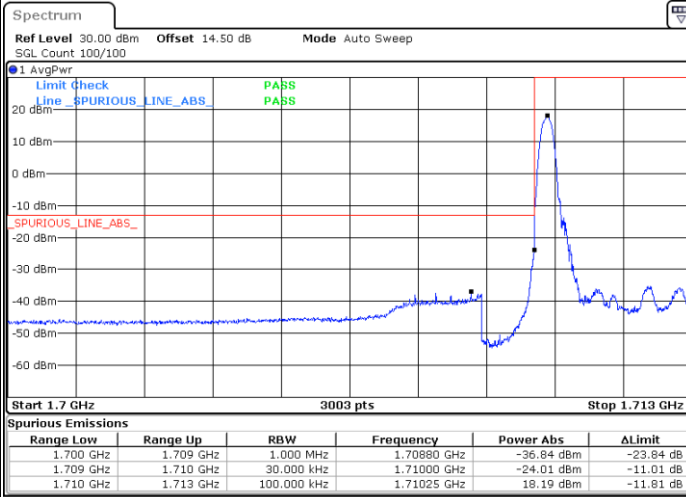


Date: 22.JAN.2025 12:35:22



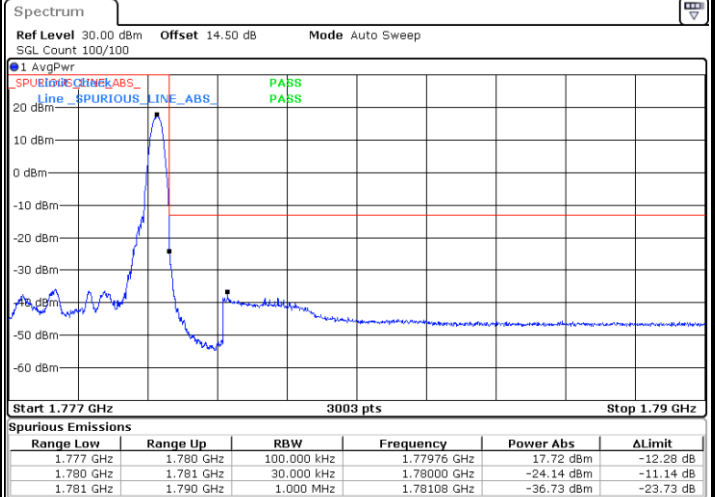
LTE Band 66 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



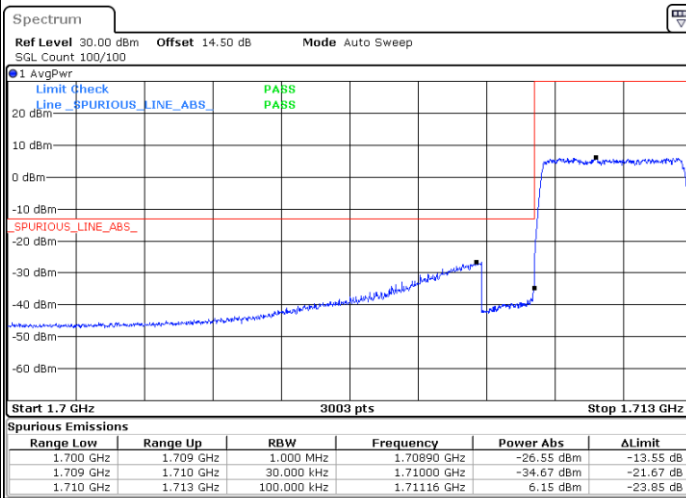
Date: 22. JAN. 2025 12:27:13

Highest Band Edge / 1 RB



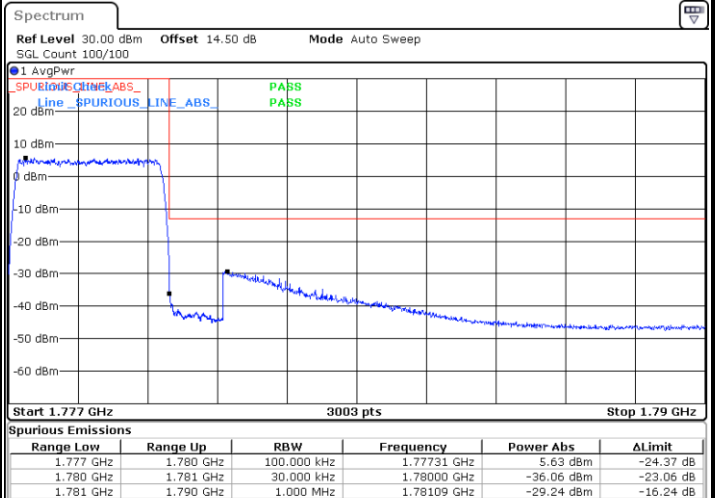
Date: 22. JAN. 2025 12:34:11

Lowest Band Edge / Full RB



Date: 22. JAN. 2025 12:30:00

Highest Band Edge / Full RB

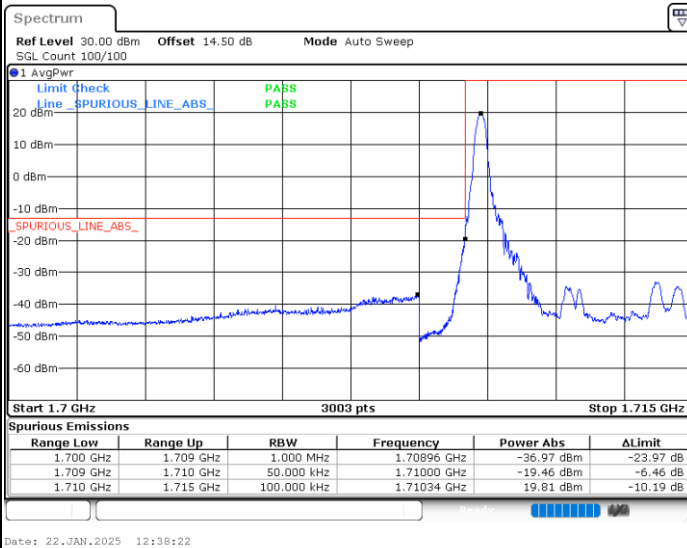


Date: 22. JAN. 2025 12:35:58

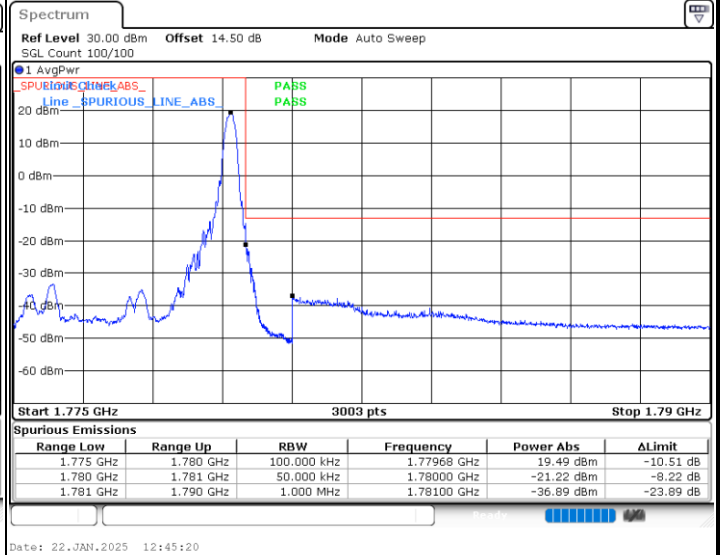


LTE Band 66 / 5MHz / QPSK

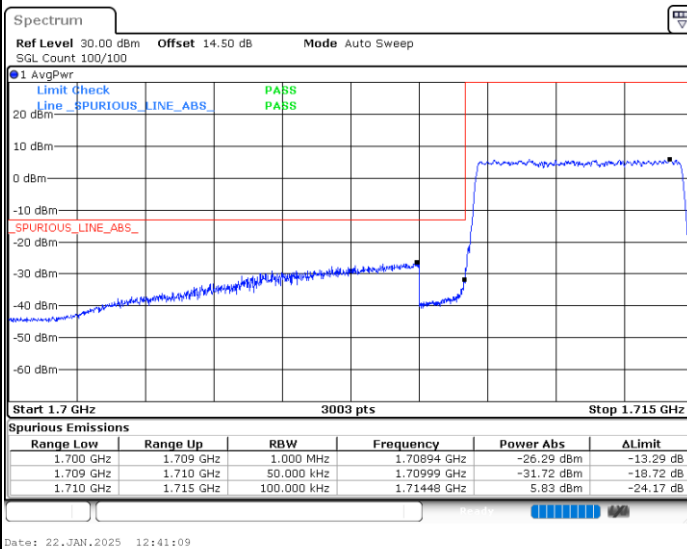
Lowest Band Edge / 1RB



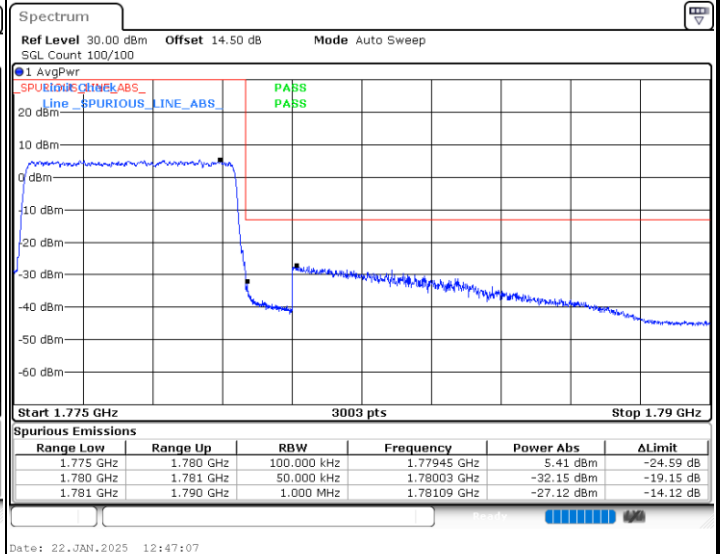
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



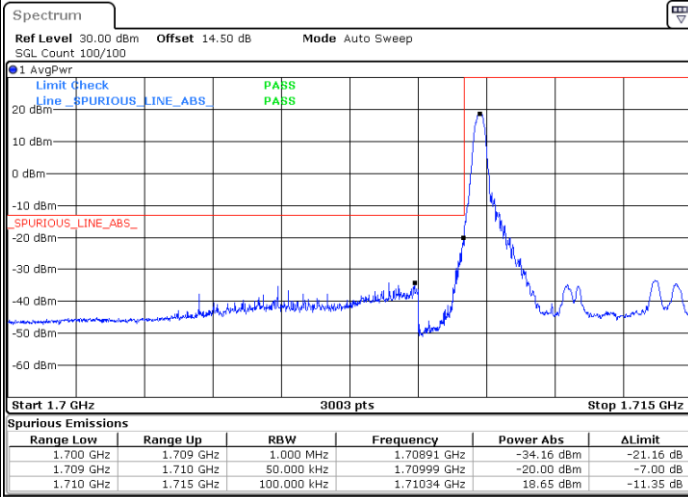
Highest Band Edge / Full RB





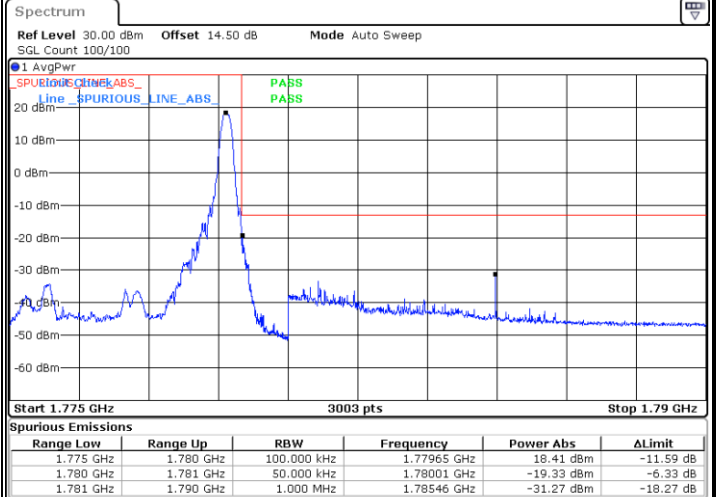
LTE Band 66 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



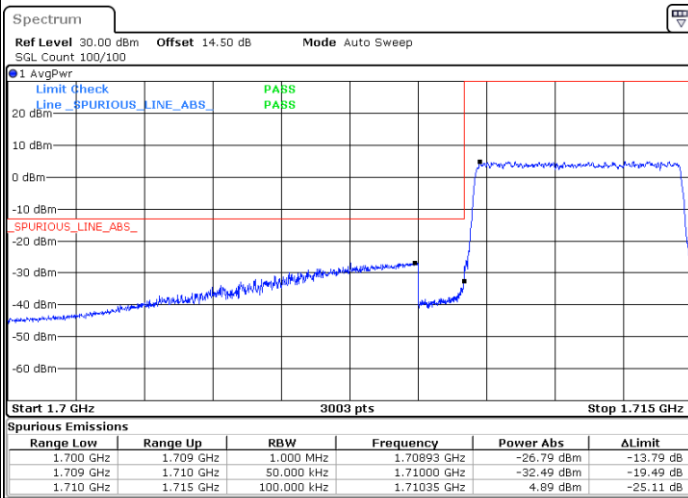
Date: 22. JAN. 2025 12:38:58

Highest Band Edge / 1 RB



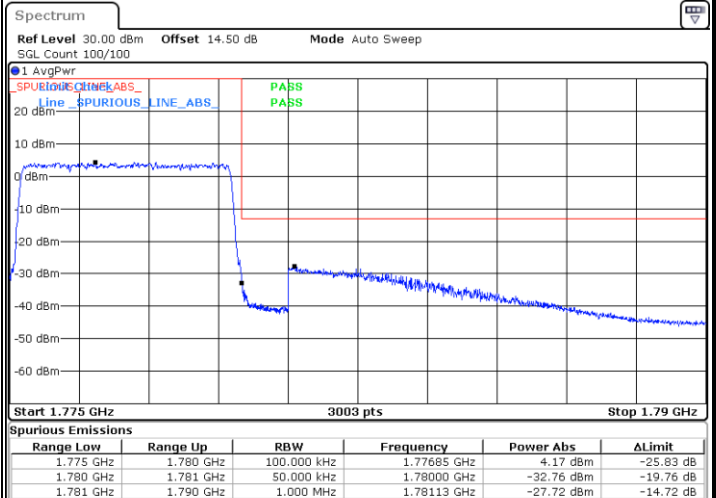
Date: 22. JAN. 2025 12:45:56

Lowest Band Edge / Full RB



Date: 22. JAN. 2025 12:41:45

Highest Band Edge / Full RB

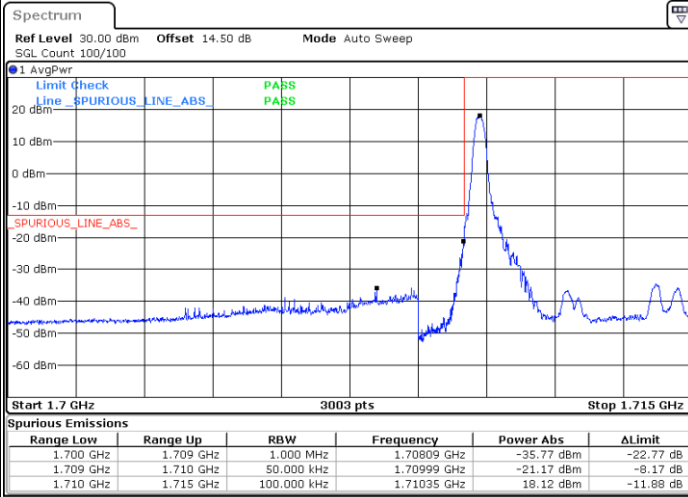


Date: 22. JAN. 2025 12:47:43



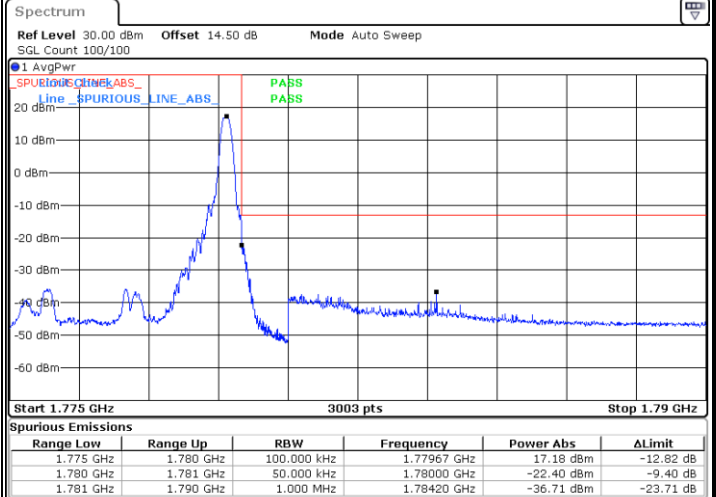
LTE Band 66 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



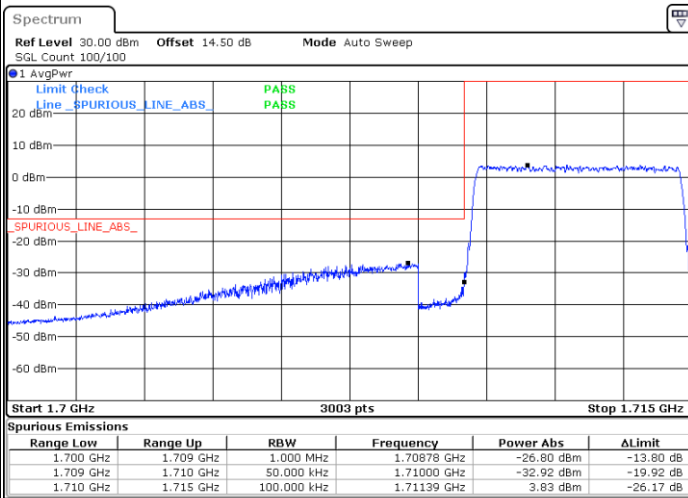
Date: 22.JAN.2025 12:39:34

Highest Band Edge / 1 RB



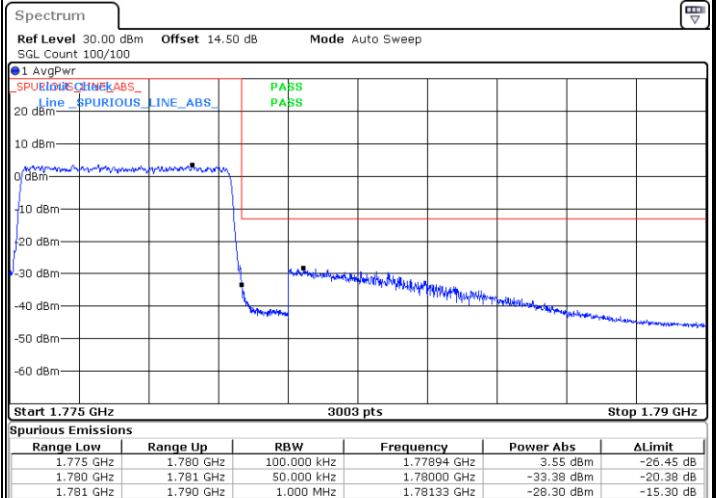
Date: 22.JAN.2025 12:46:31

Lowest Band Edge / Full RB



Date: 22.JAN.2025 12:42:21

Highest Band Edge / Full RB

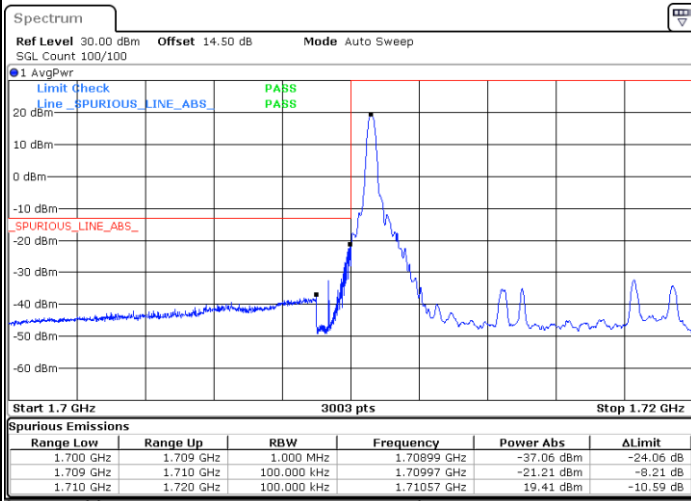


Date: 22.JAN.2025 12:48:19

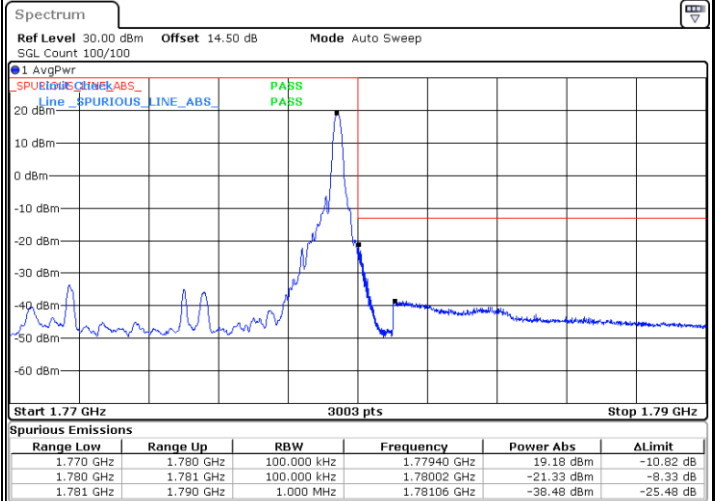


LTE Band 66 / 10MHz / QPSK

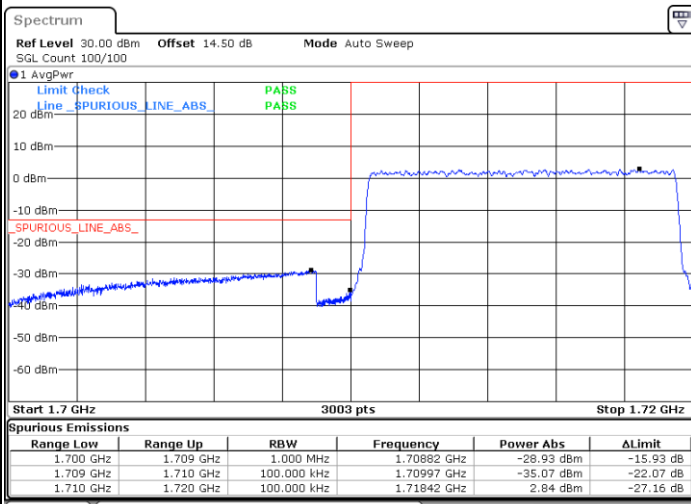
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

