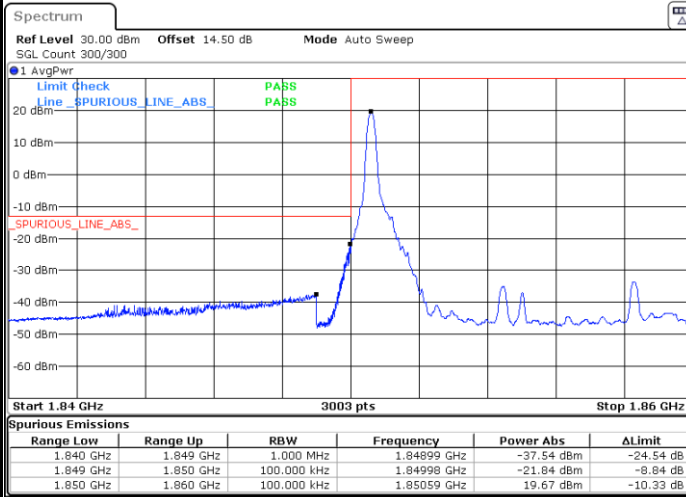


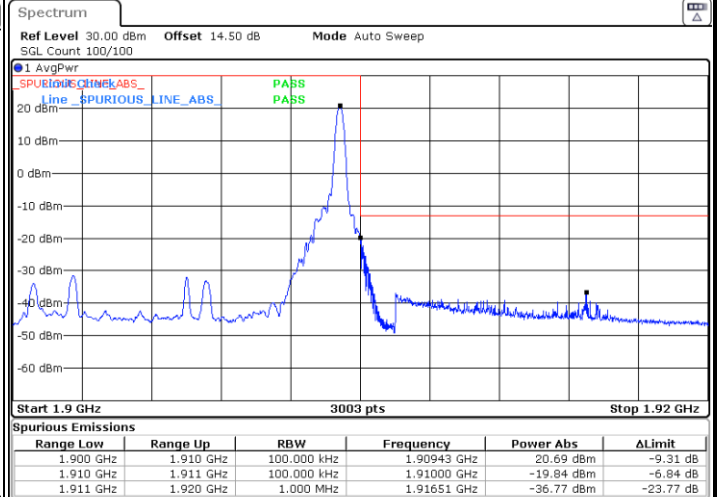


LTE Band 2 / 10MHz / 16QAM

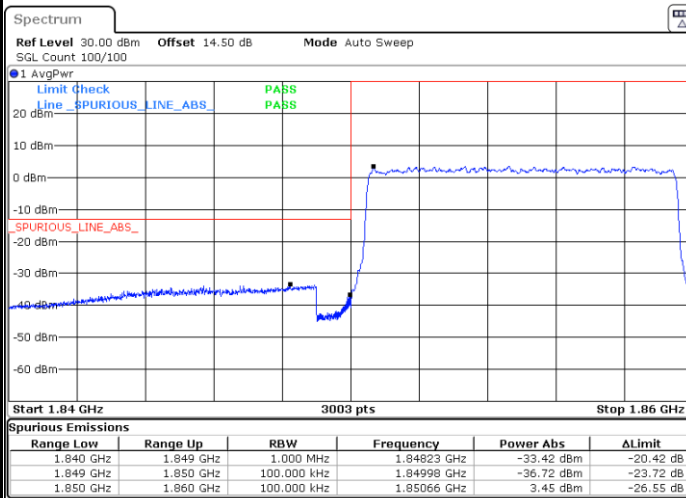
Lowest Band Edge / 1 RB



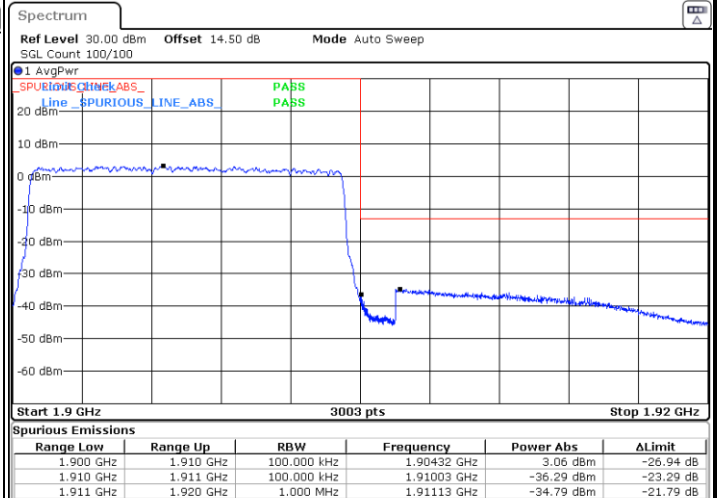
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



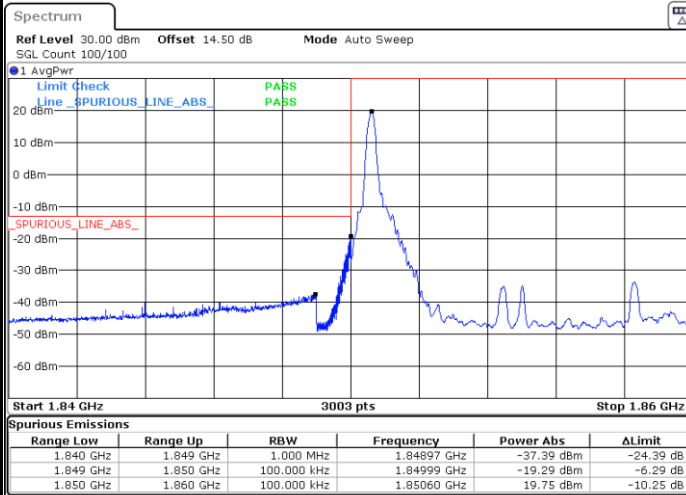
Highest Band Edge / Full RB



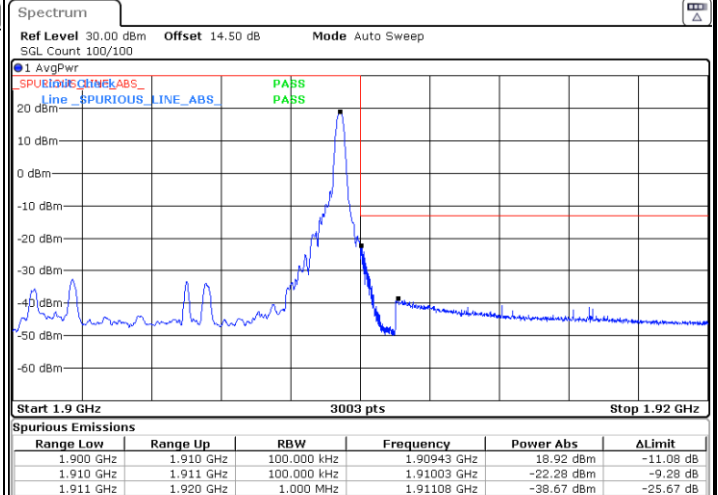


LTE Band 2 / 10MHz / 64QAM

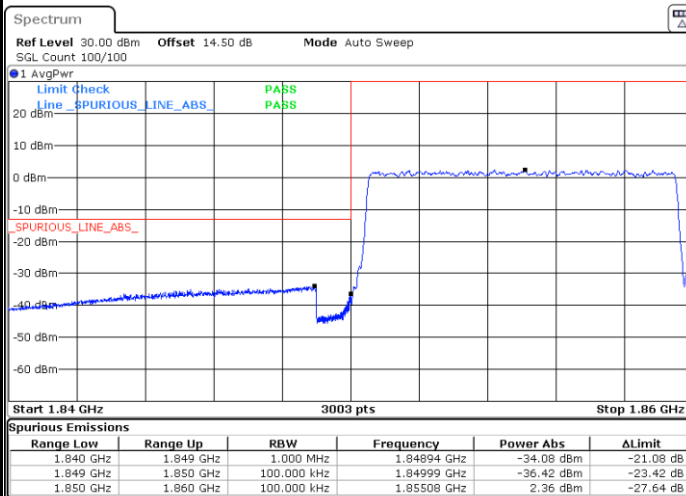
Lowest Band Edge / 1 RB



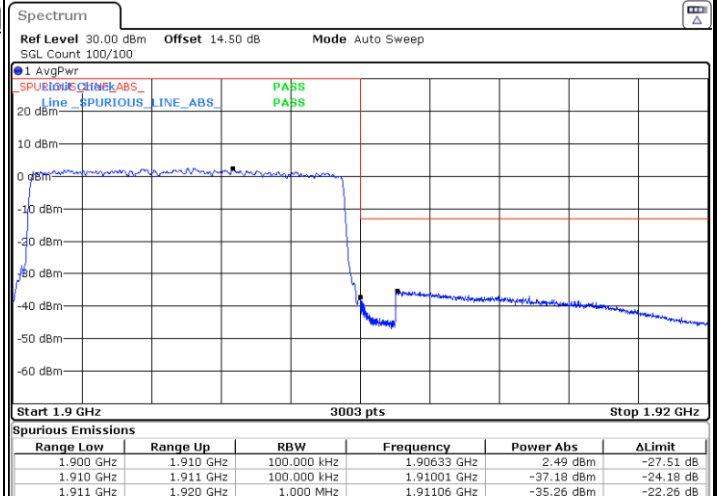
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



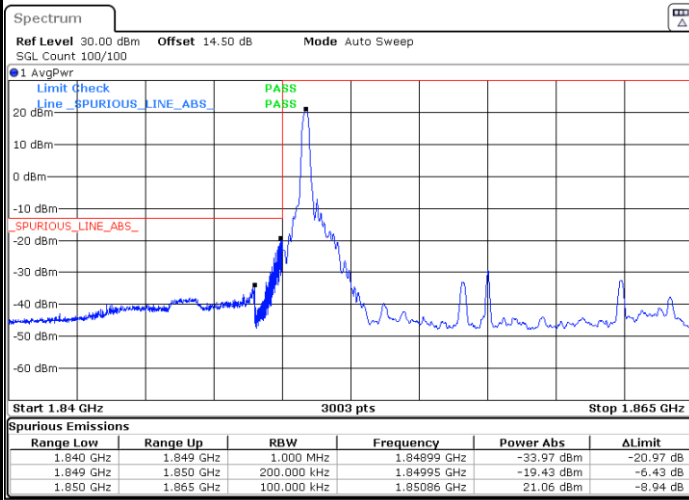
Highest Band Edge / Full RB





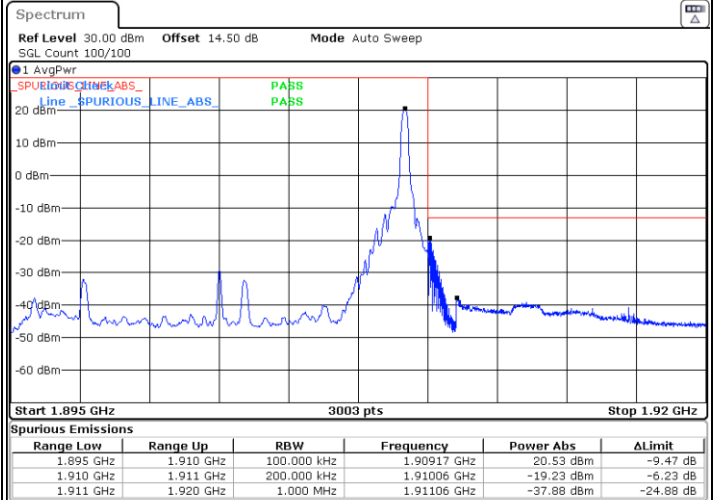
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1RB



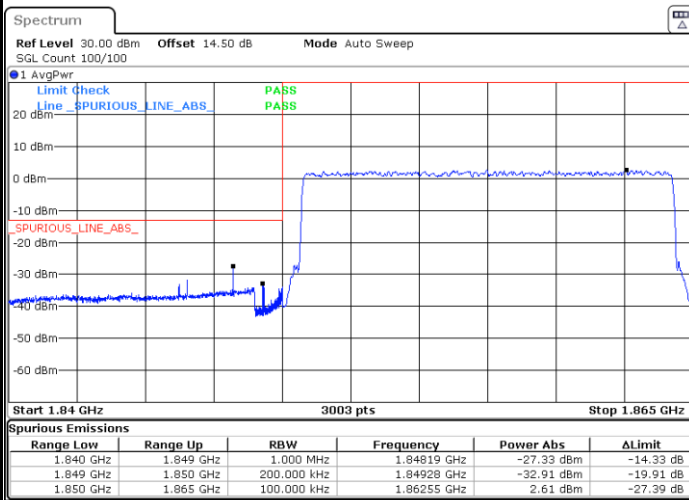
Date: 29 DEC 2024 23:04:16

Highest Band Edge / 1RB



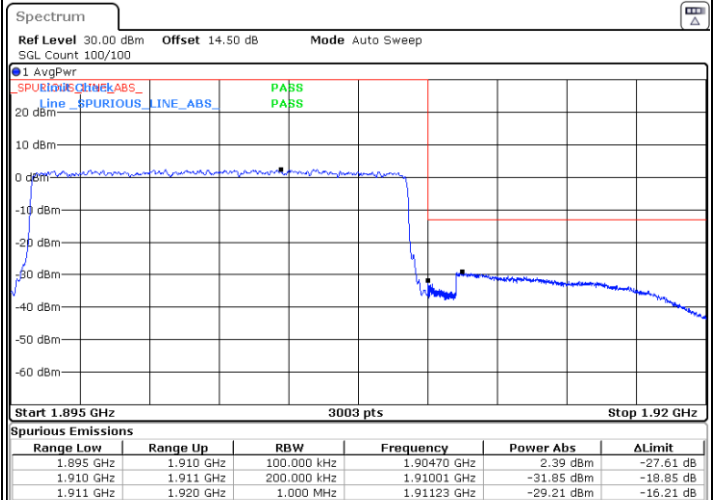
Date: 29 DEC 2024 23:13:43

Lowest Band Edge / Full RB



Date: 29 DEC 2024 23:07:05

Highest Band Edge / Full RB

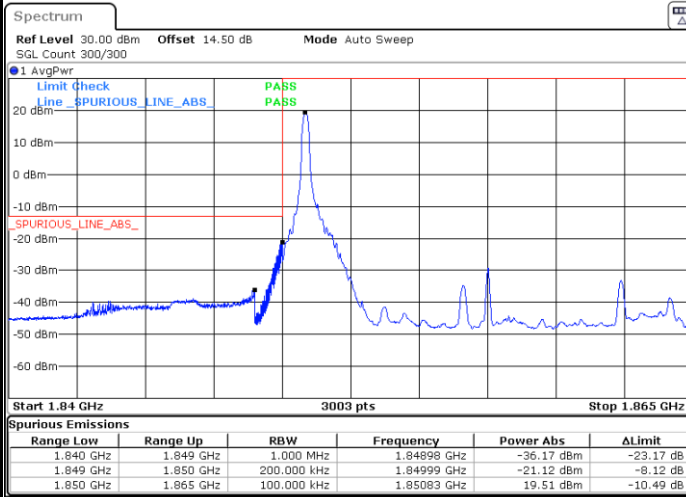


Date: 29 DEC 2024 23:16:33

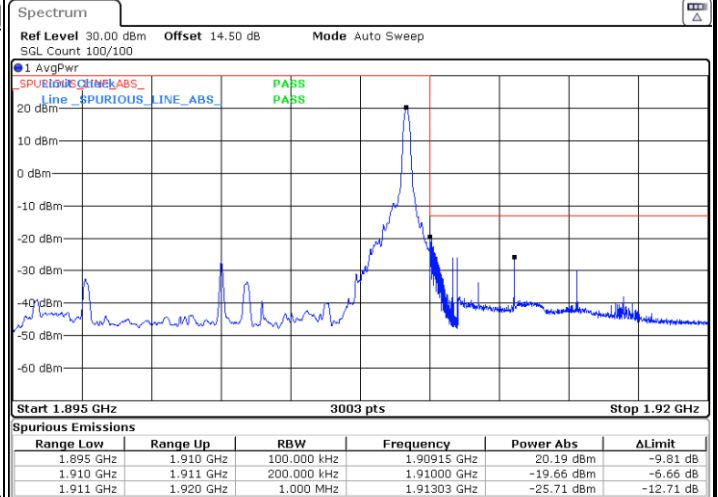


LTE Band 2 / 15MHz / 16QAM

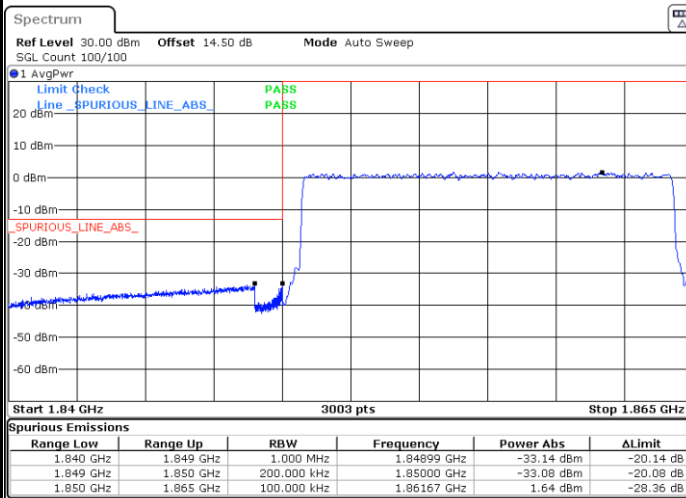
Lowest Band Edge / 1 RB



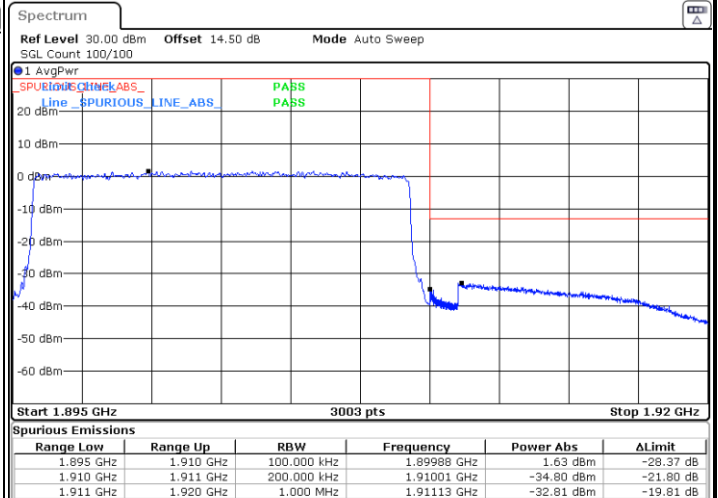
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



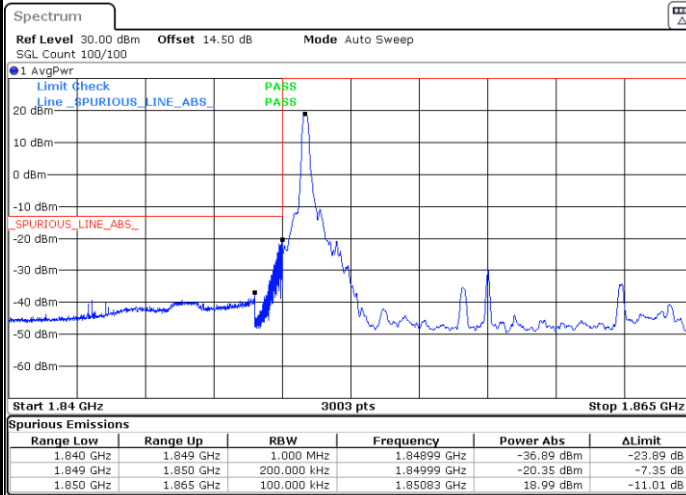
Highest Band Edge / Full RB



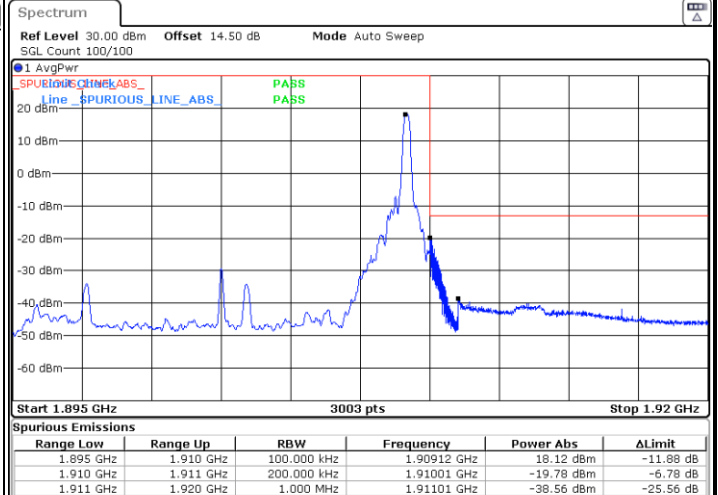


LTE Band 2 / 15MHz / 64QAM

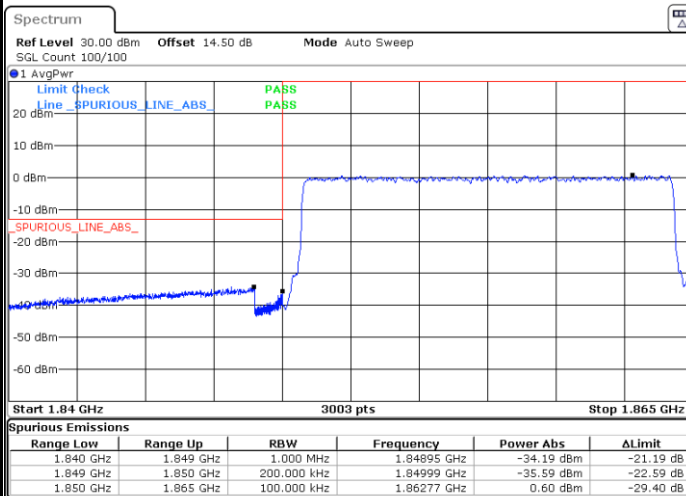
Lowest Band Edge / 1 RB



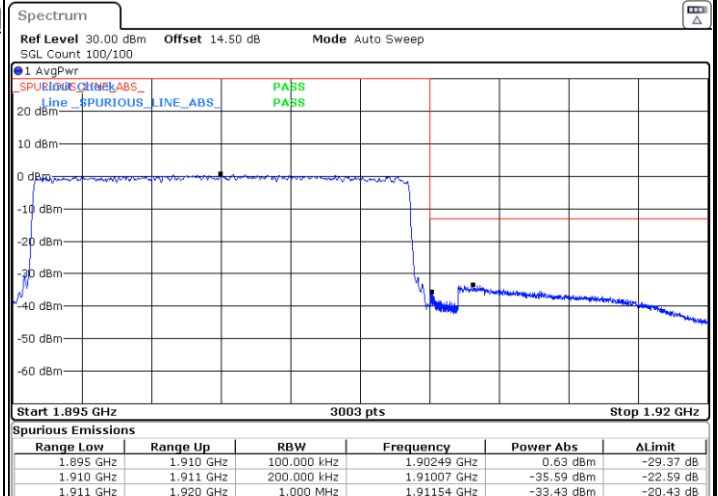
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



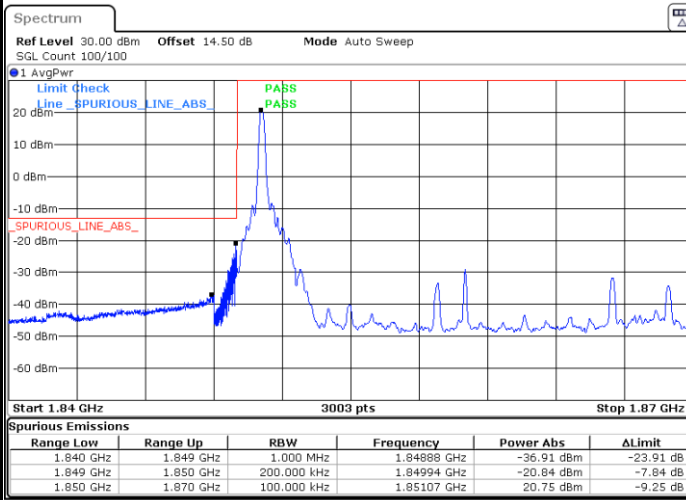
Highest Band Edge / Full RB



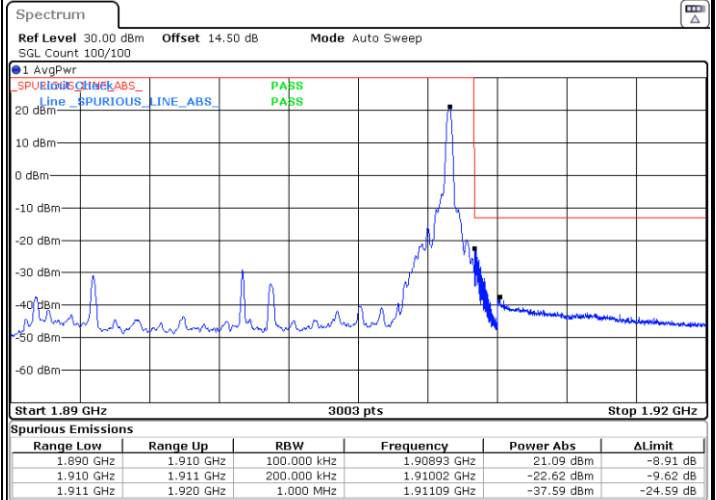


LTE Band 2 / 20MHz / QPSK

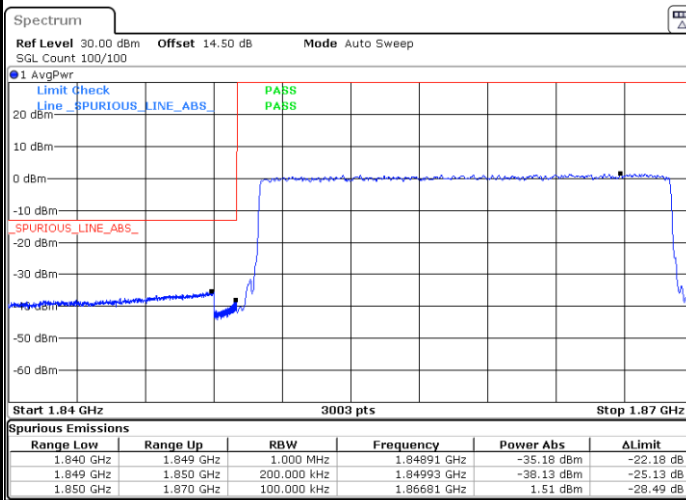
Lowest Band Edge / 1RB



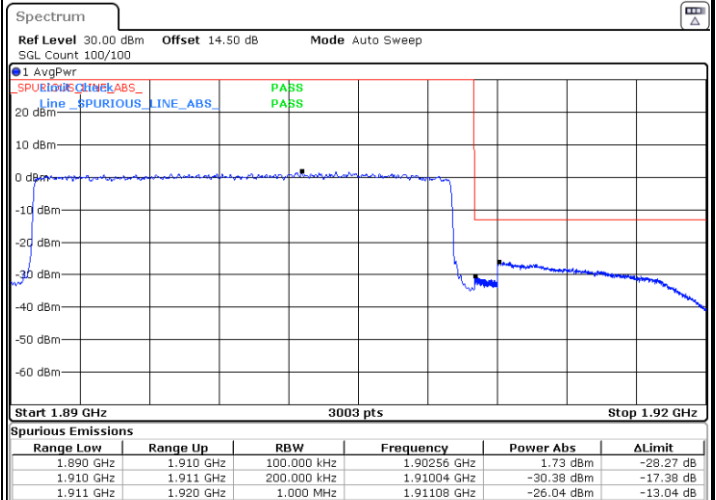
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



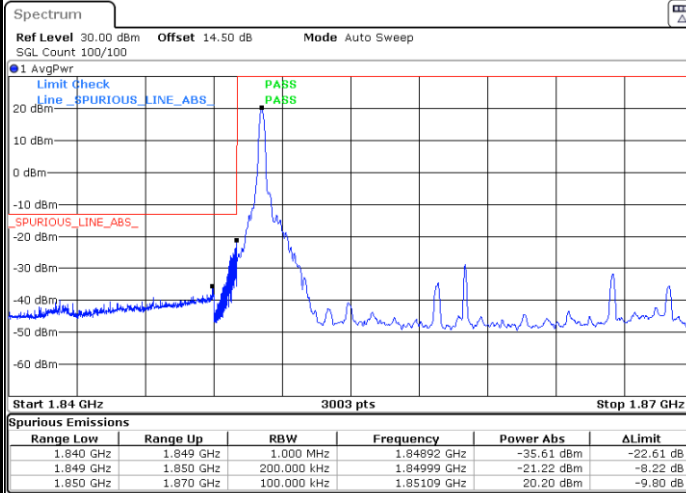
Highest Band Edge / Full RB



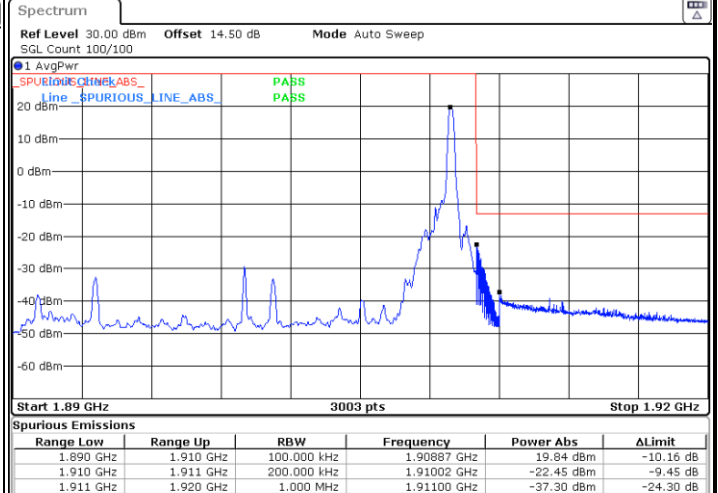


LTE Band 2 / 20MHz / 16QAM

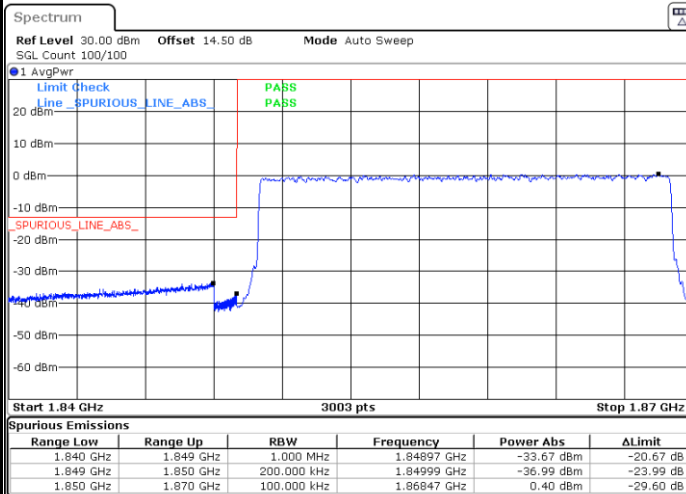
Lowest Band Edge / 1 RB



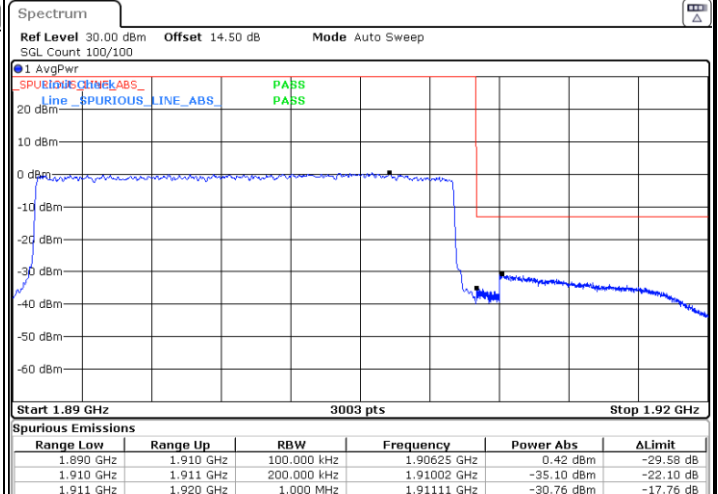
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



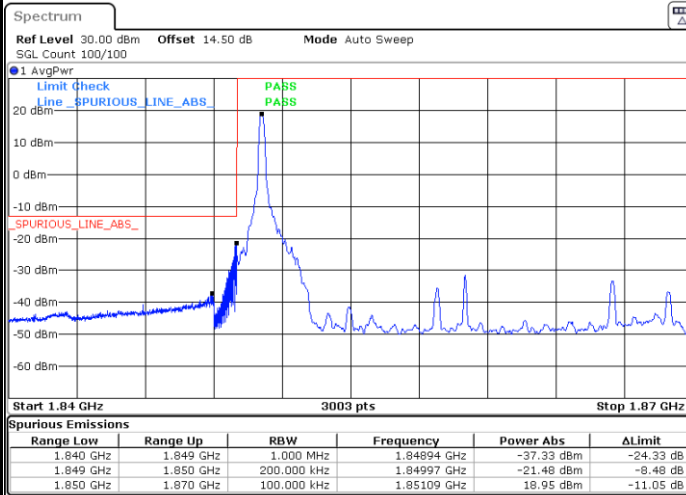
Highest Band Edge / Full RB



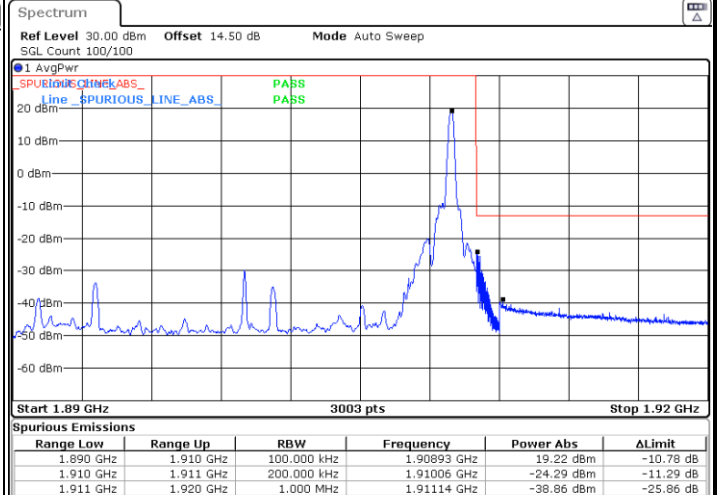


LTE Band 2 / 20MHz / 64QAM

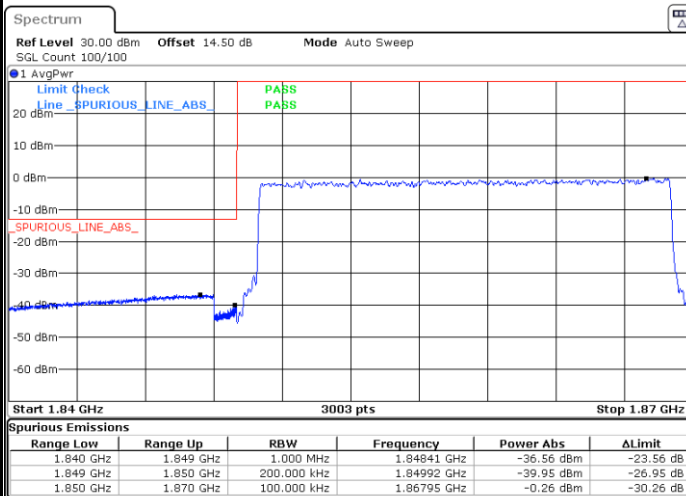
Lowest Band Edge / 1 RB



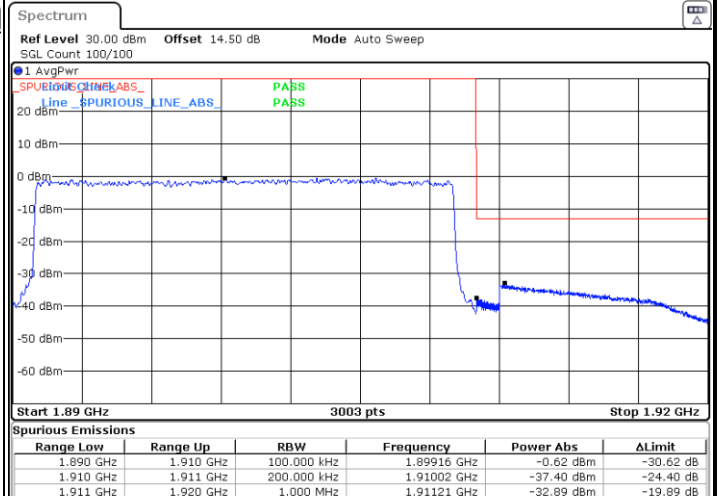
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

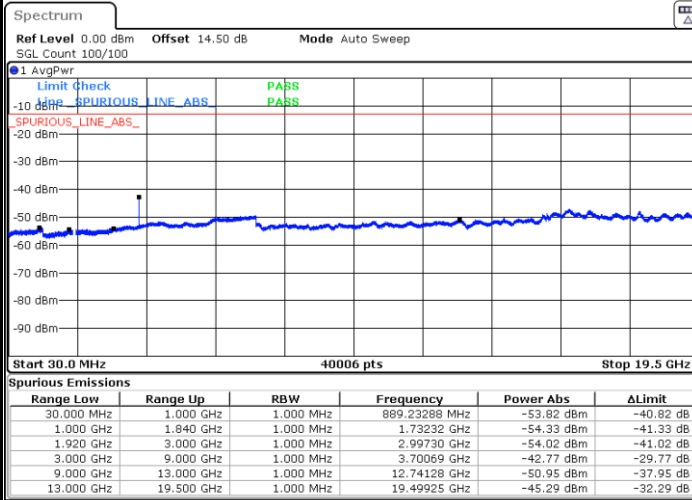




Conducted Spurious Emission

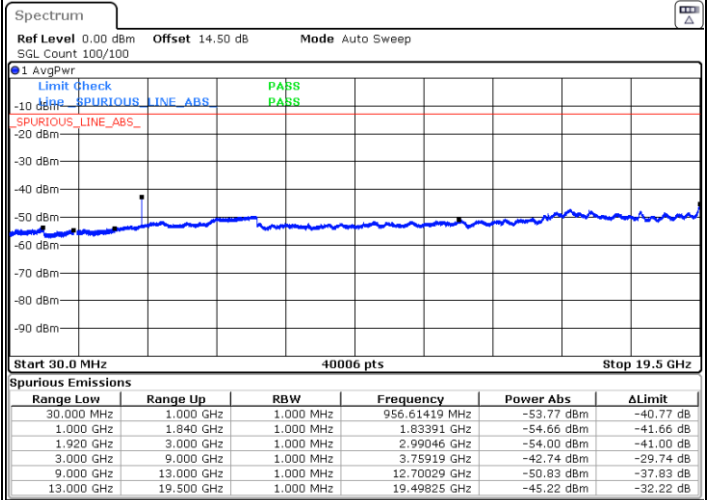
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



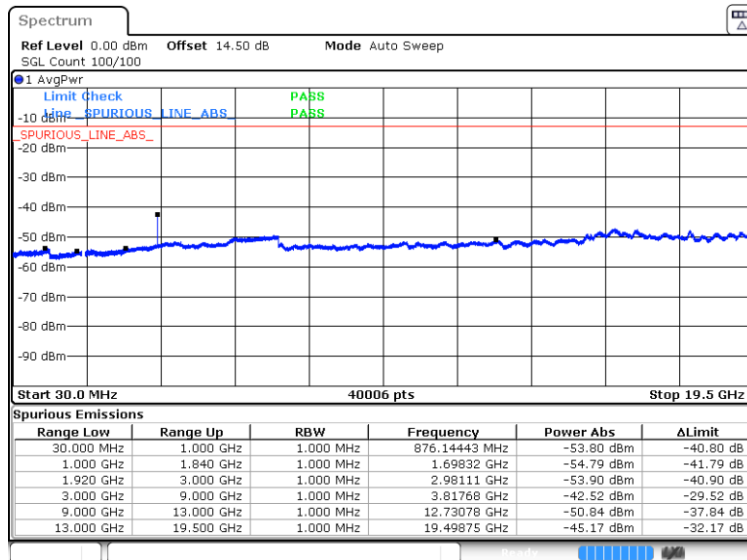
Date: 29 DEC 2024 21:58:47

Middle Channel / QPSK



Date: 29 DEC 2024 22:02:51

Highest Channel / QPSK

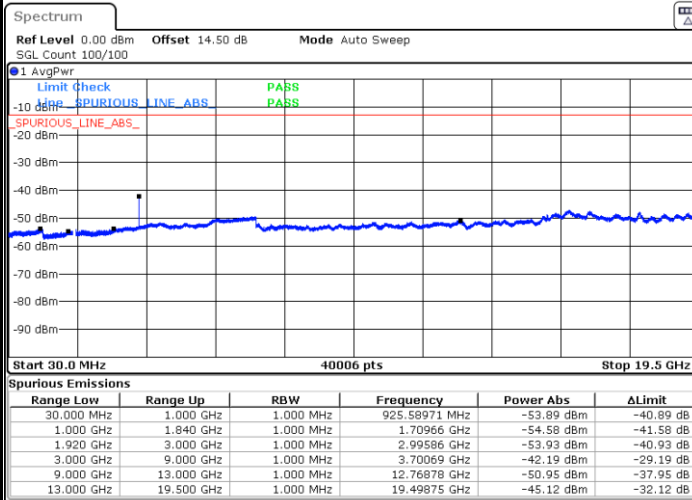


Date: 29 DEC 2024 22:08:14



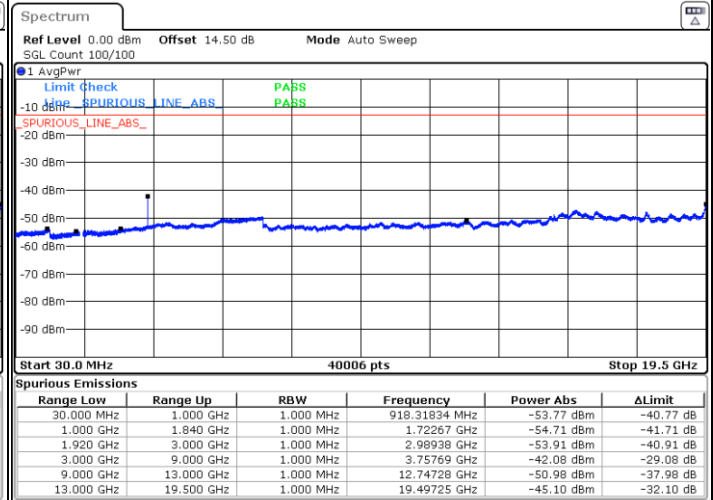
LTE Band 2 / 3MHz

Lowest Channel / QPSK



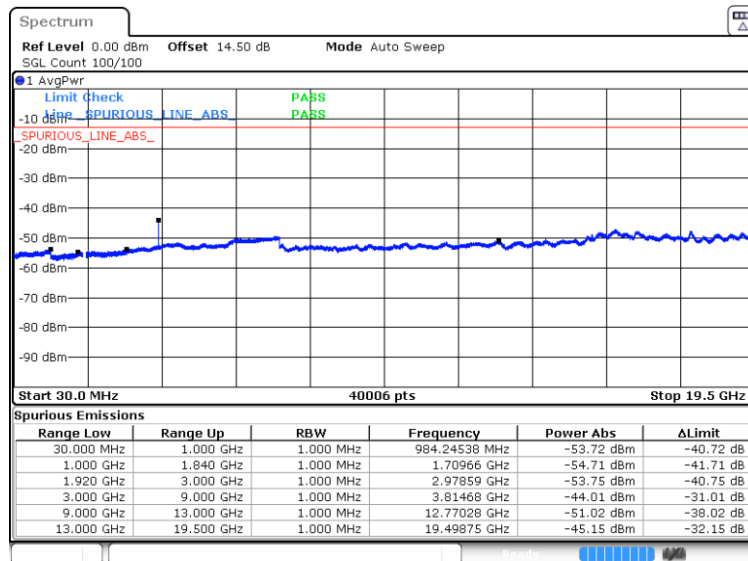
Date: 29 DEC 2024 22:15:52

Middle Channel / QPSK



Date: 29 DEC 2024 22:19:56

Highest Channel / QPSK

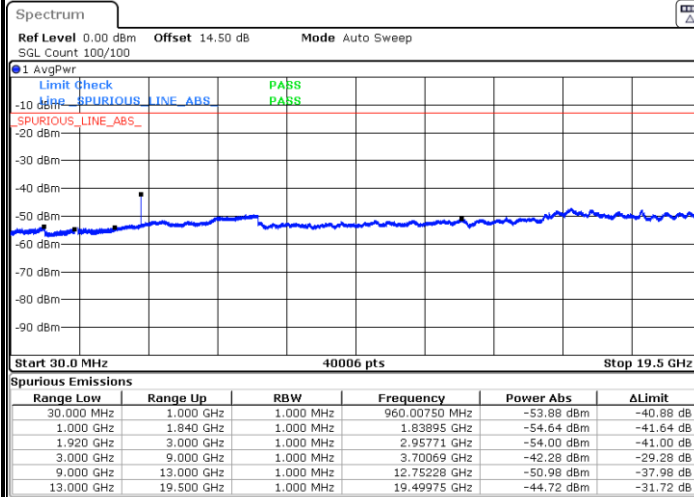


Date: 29 DEC 2024 22:28:08



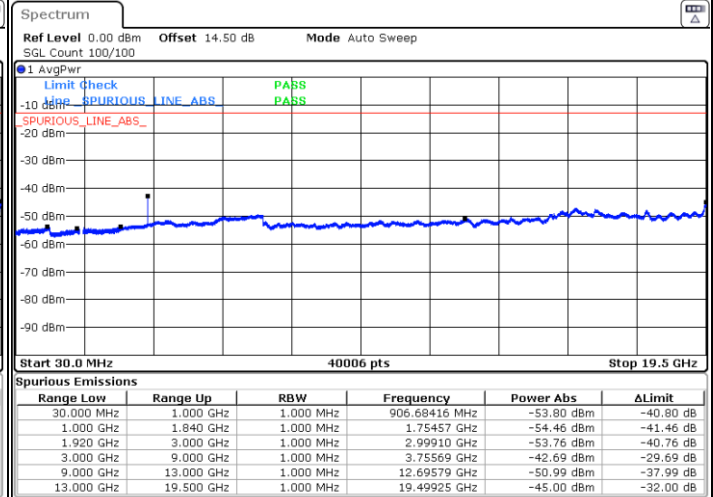
LTE Band 2 / 5MHz

Lowest Channel / QPSK



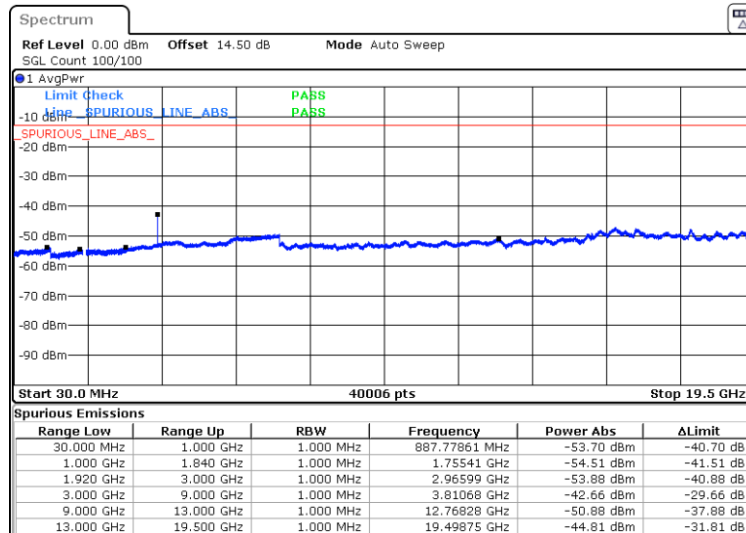
Date: 29 DEC 2024 22:32:54

Middle Channel / QPSK



Date: 29 DEC 2024 22:36:58

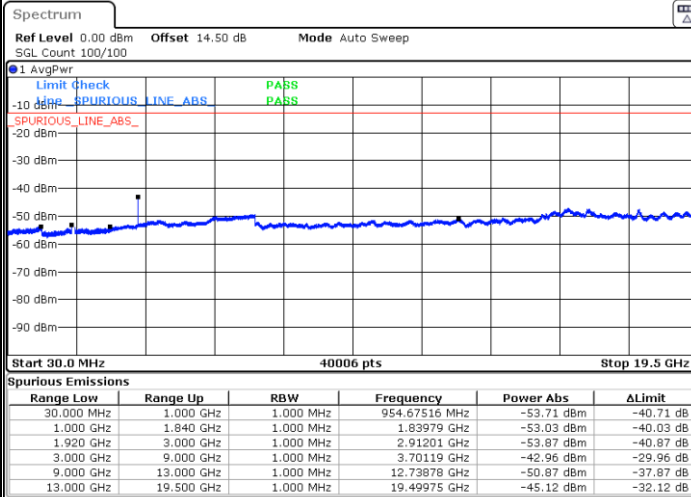
Highest Channel / QPSK



Date: 29 DEC 2024 22:45:10

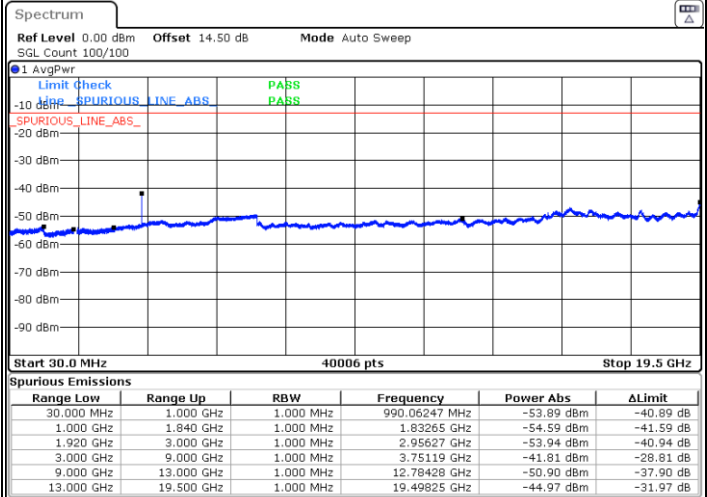
LTE Band 2 / 10MHz

Lowest Channel / QPSK



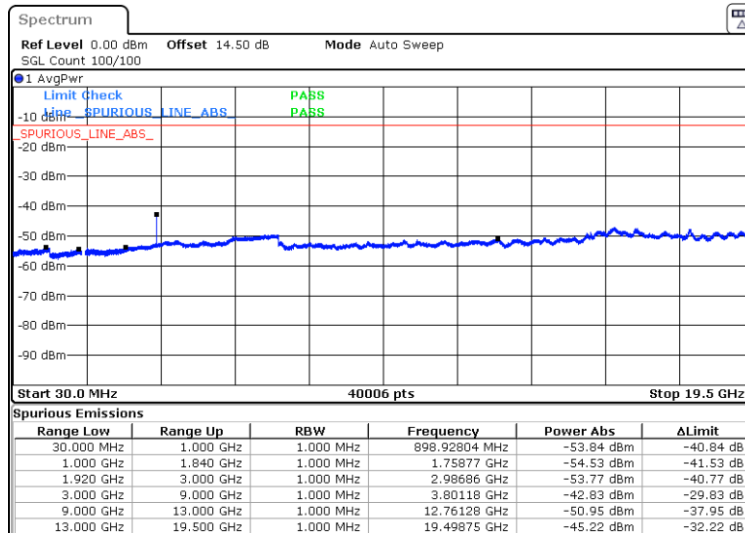
Date: 29.DEC.2024 22:52:46

Middle Channel / QPSK



Date: 29.DEC.2024 22:54:01

Highest Channel / QPSK

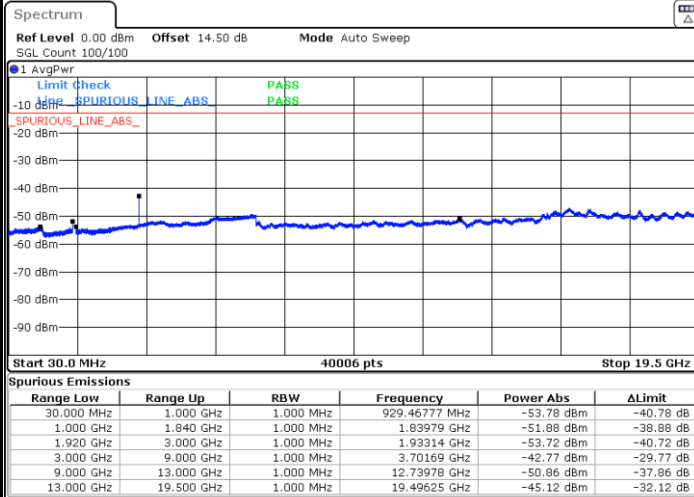


Date: 29.DEC.2024 23:02:12



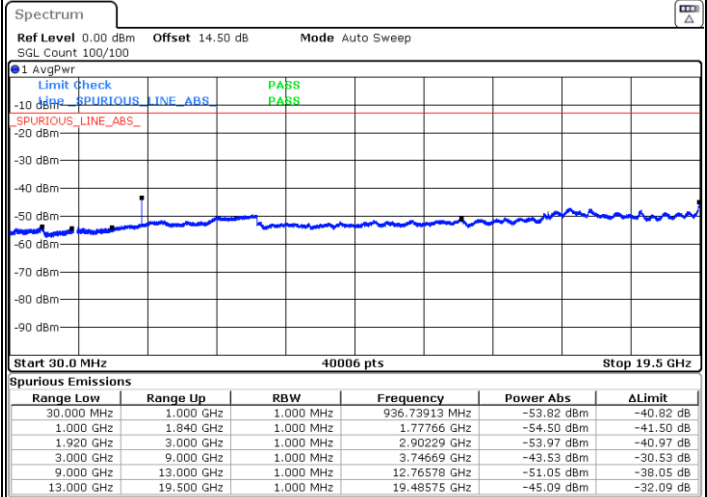
LTE Band 2 / 15MHz

Lowest Channel / QPSK



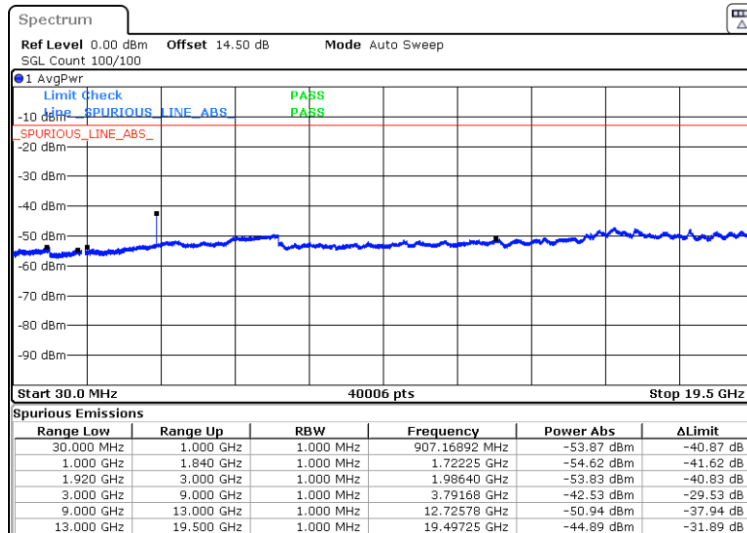
Date: 29 DEC 2024 23:10:15

Middle Channel / QPSK



Date: 29 DEC 2024 23:11:29

Highest Channel / QPSK

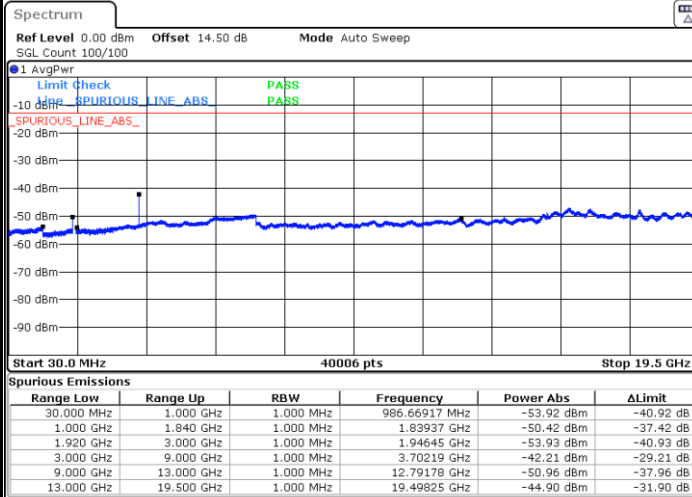


Date: 29 DEC 2024 23:19:42



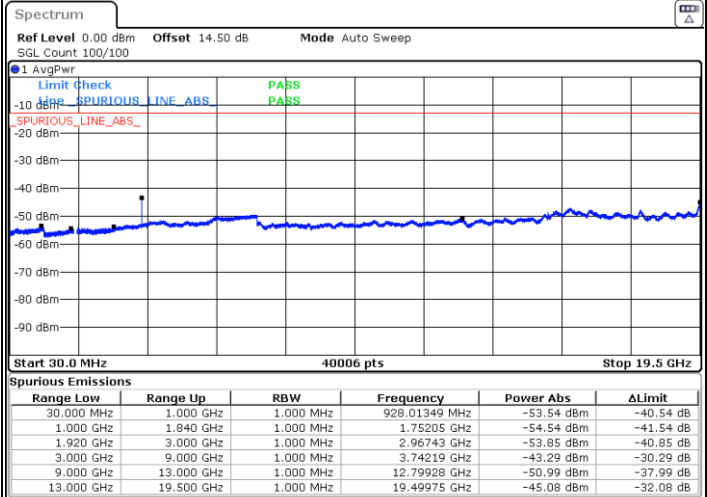
LTE Band 2 / 20MHz

Lowest Channel / QPSK



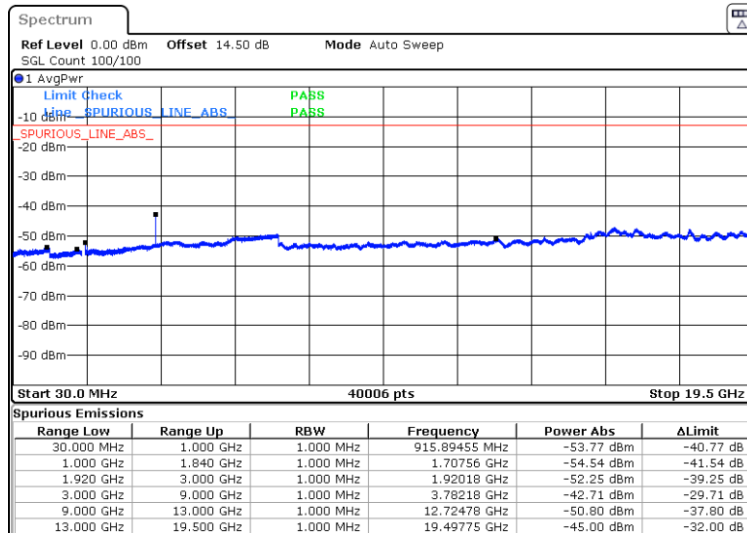
Date: 29 DEC 2024 23:27:21

Middle Channel / QPSK



Date: 29 DEC 2024 23:28:36

Highest Channel / QPSK



Date: 29 DEC 2024 23:38:12

**Frequency Stability**

Test Conditions		LTE Band 2 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0013	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0003	
0	Normal Voltage	0.0009	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0013	
-30	Normal Voltage	0.0002	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0004	

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 2 for Other PA

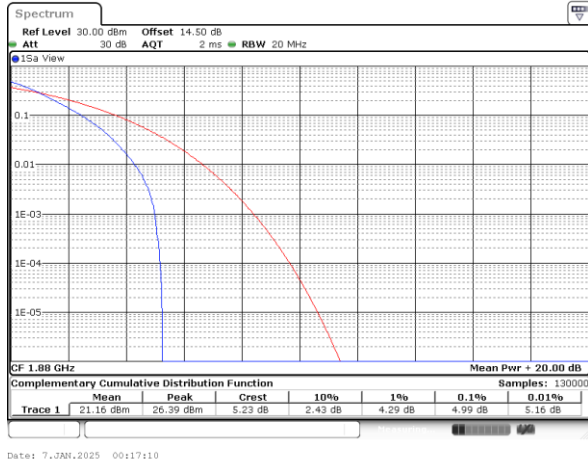
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.99	5.57	6.41	PASS



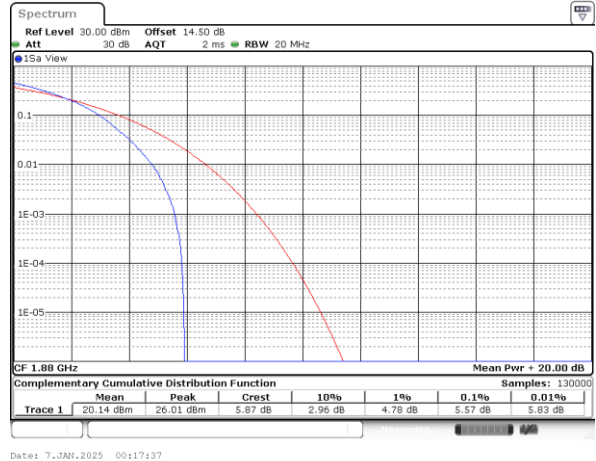
LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



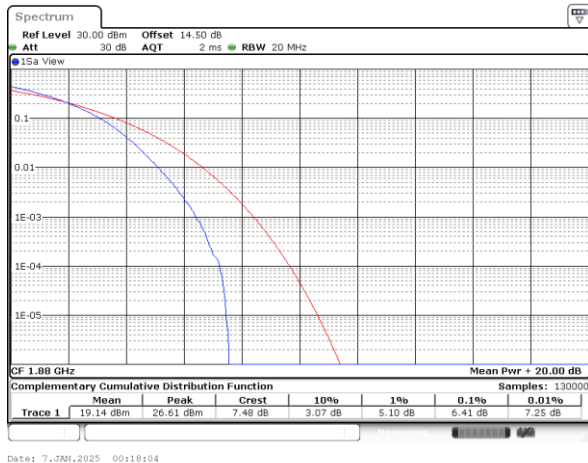
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB





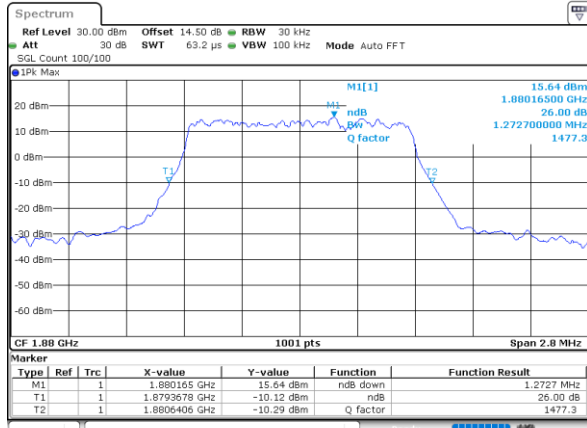
26dB Bandwidth

Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Middle CH	1.27	1.32	2.97	2.97	4.85	4.83	9.79	9.69	14.18	14.48	18.86	18.86



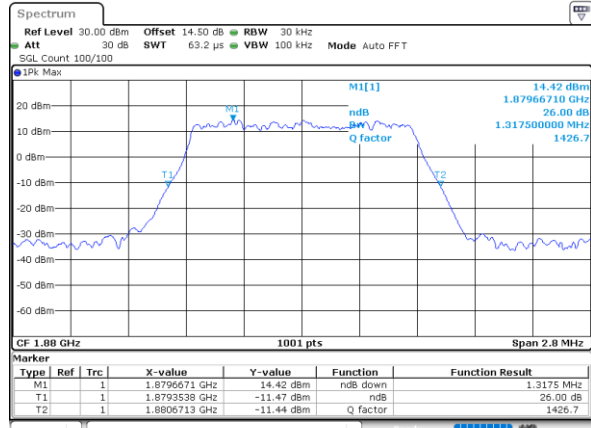
LTE Band 2

Middle Channel / 1.4MHz / QPSK



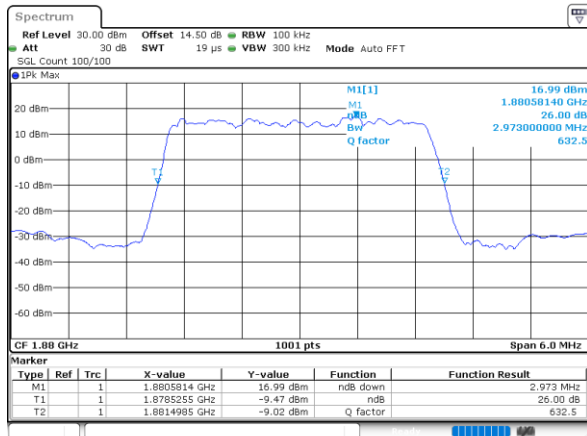
Date: 6.JAN.2025 22:59:37

Middle Channel / 1.4MHz / 16QAM



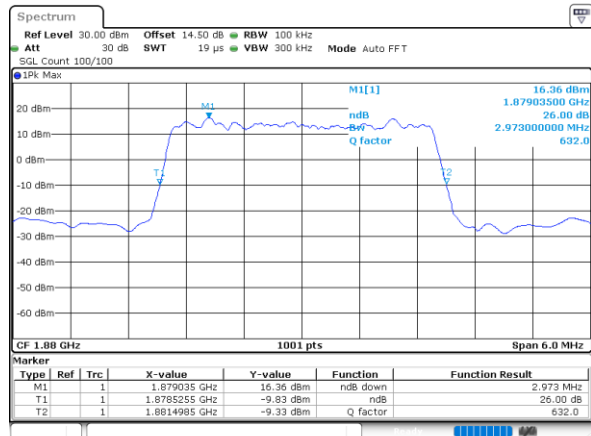
Date: 6.JAN.2025 23:00:17

Middle Channel / 3MHz / QPSK



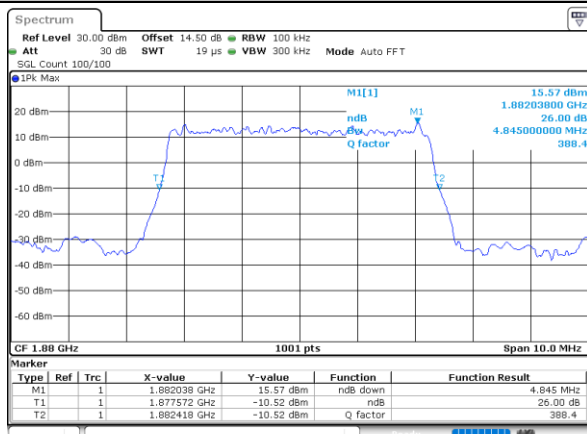
Date: 6.JAN.2025 23:15:06

Middle Channel / 3MHz / 16QAM



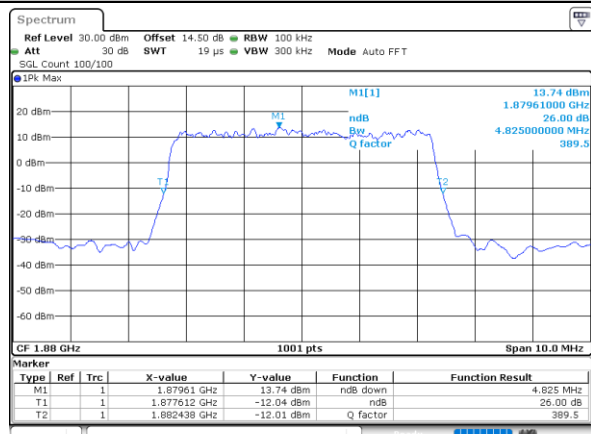
Date: 6.JAN.2025 23:15:45

Middle Channel / 5MHz / QPSK



Date: 6.JAN.2025 23:30:36

Middle Channel / 5MHz / 16QAM

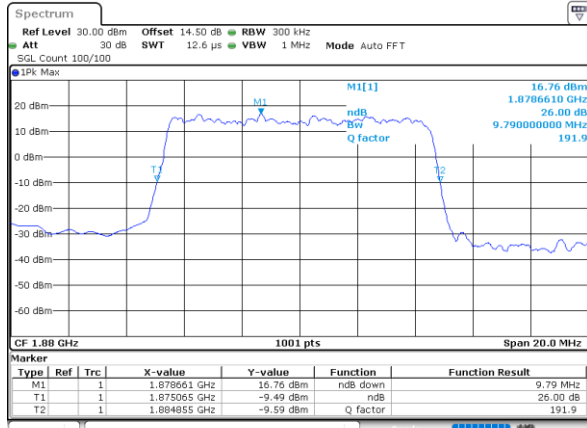


Date: 6.JAN.2025 23:31:16



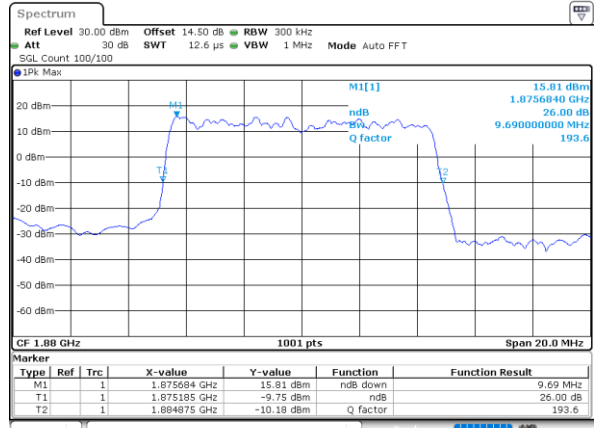
LTE Band 2

Middle Channel / 10MHz / QPSK



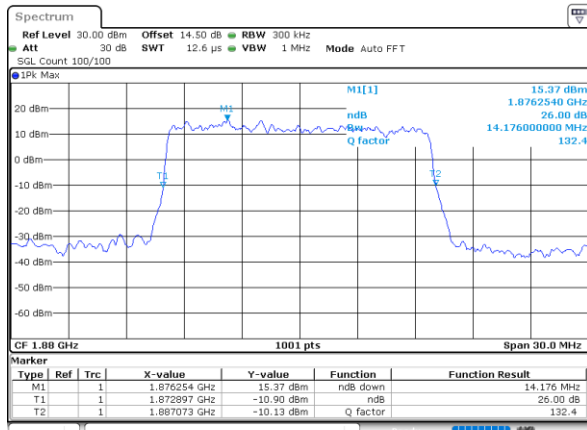
Date: 6.JAN.2025 23:46:06

Middle Channel / 10MHz / 16QAM



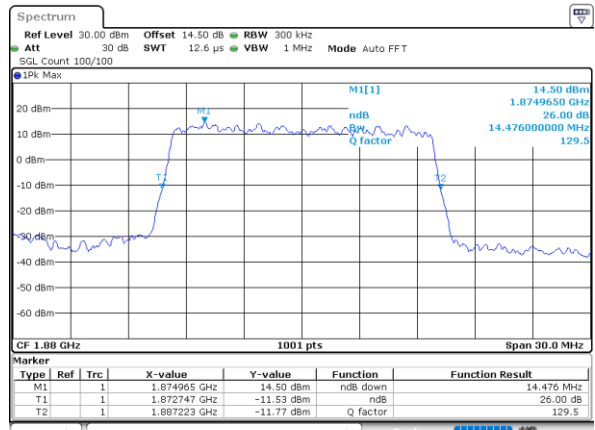
Date: 6.JAN.2025 23:46:46

Middle Channel / 15MHz / QPSK



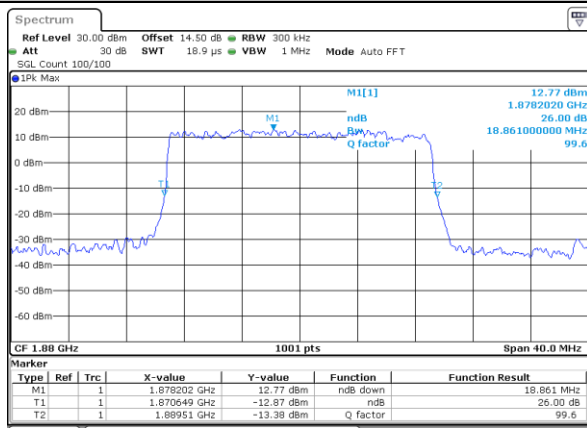
Date: 7.JAN.2025 00:02:25

Middle Channel / 15MHz / 16QAM



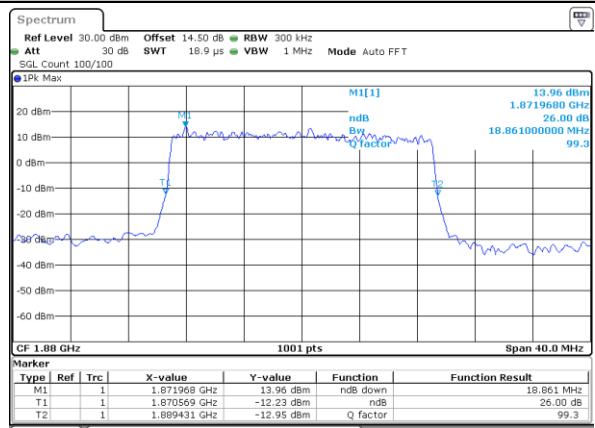
Date: 7.JAN.2025 00:03:05

Middle Channel / 20MHz / QPSK



Date: 7.JAN.2025 00:16:04

Middle Channel / 20MHz / 16QAM



Date: 7.JAN.2025 00:16:44



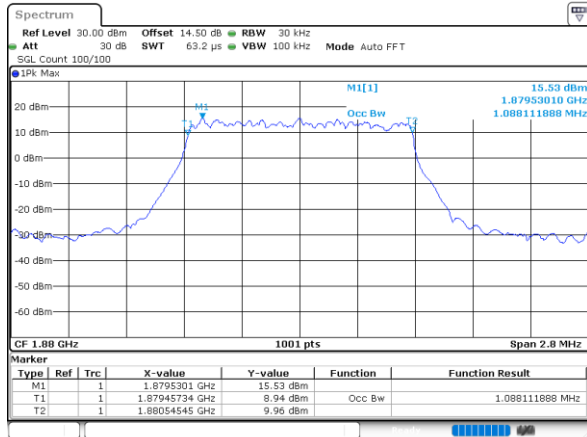
Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	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	2.70	2.72	4.50	4.47	9.05	9.01	13.40	13.55	17.86	17.94

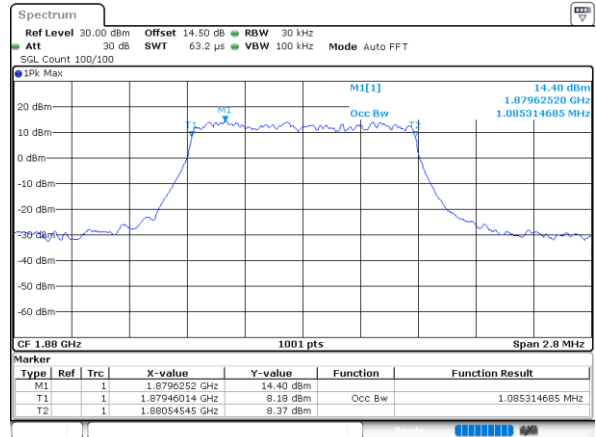


LTE Band 2

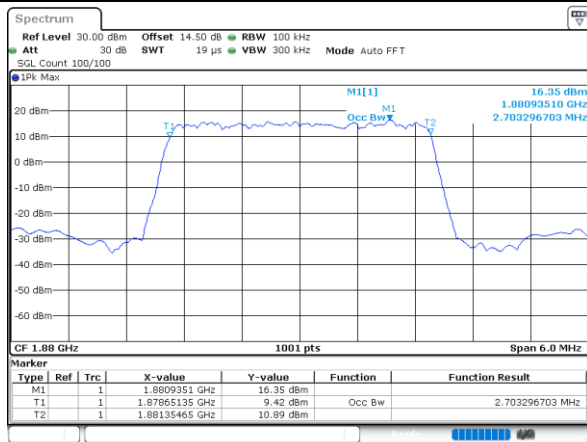
Middle Channel / 1.4MHz / QPSK



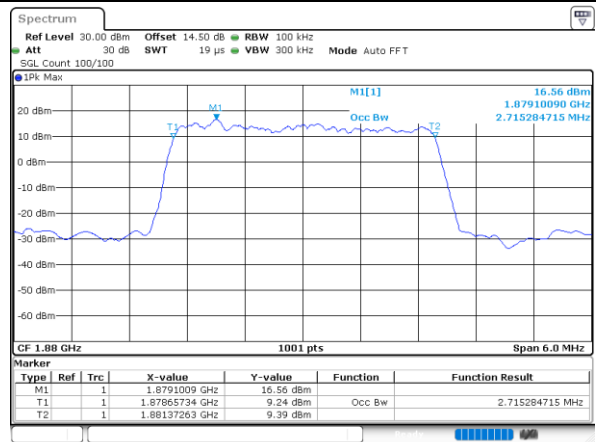
Middle Channel / 1.4MHz / 16QAM



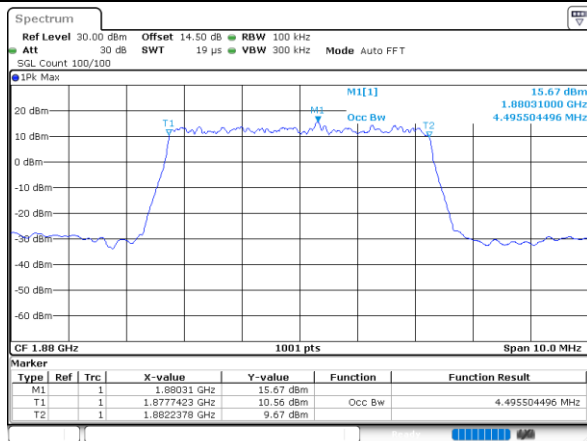
Middle Channel / 3MHz / QPSK



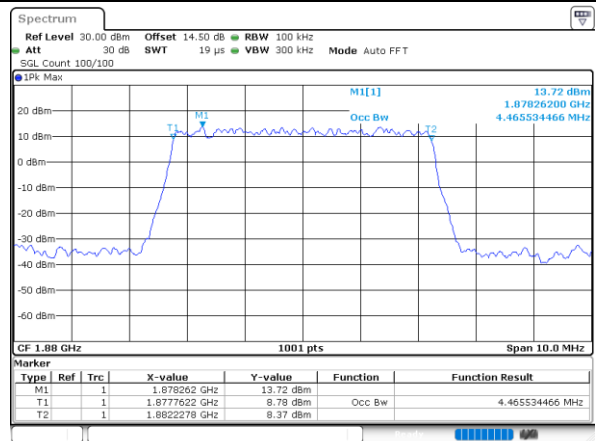
Middle Channel / 3MHz / 16QAM



Middle Channel / 5MHz / QPSK



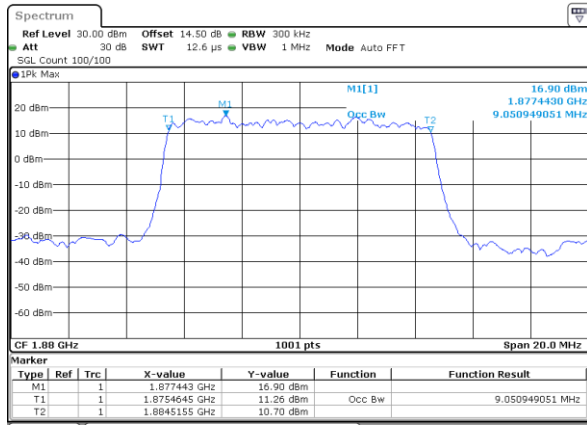
Middle Channel / 5MHz / 16QAM





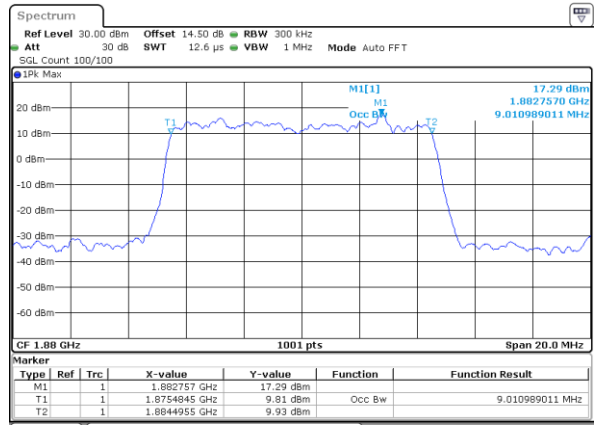
LTE Band 2

Middle Channel / 10MHz / QPSK



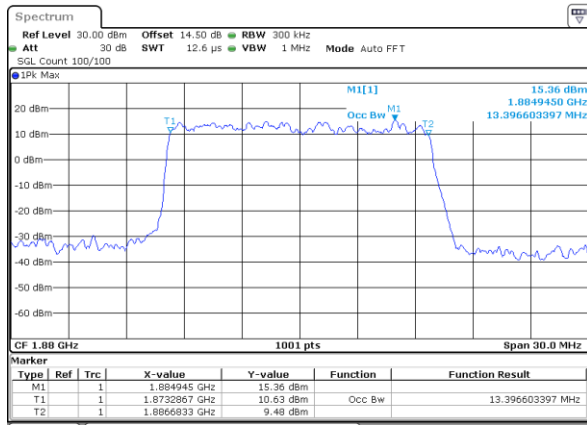
Date: 6,JAN,2025 23:45:52

Middle Channel / 10MHz / 16QAM



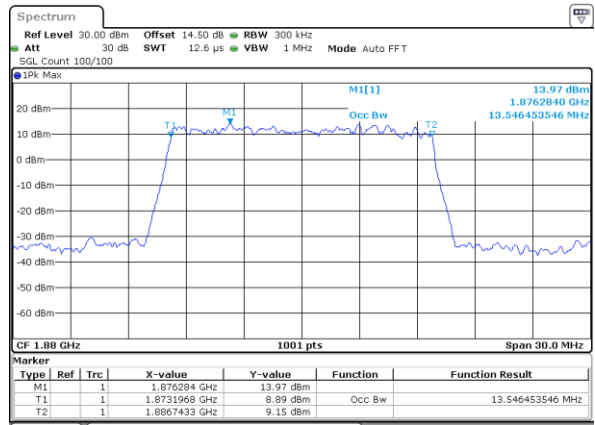
Date: 6,JAN,2025 23:46:32

Middle Channel / 15MHz / QPSK



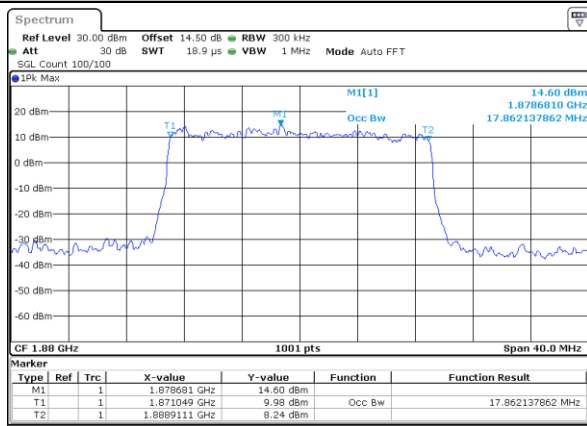
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Middle Channel / 15MHz / 16QAM



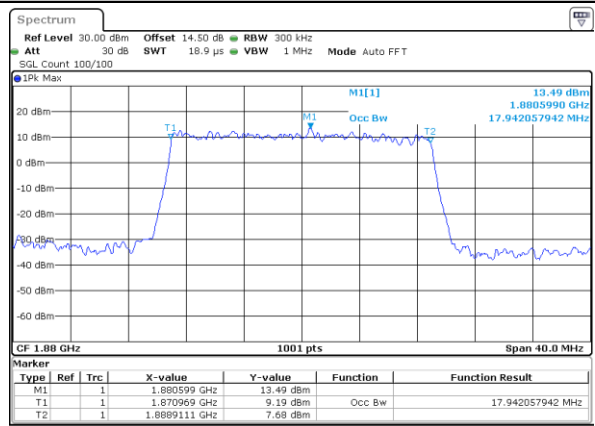
Date: 7,JAN,2025 00:02:51

Middle Channel / 20MHz / QPSK



Date: 7,JAN,2025 00:15:50

Middle Channel / 20MHz / 16QAM



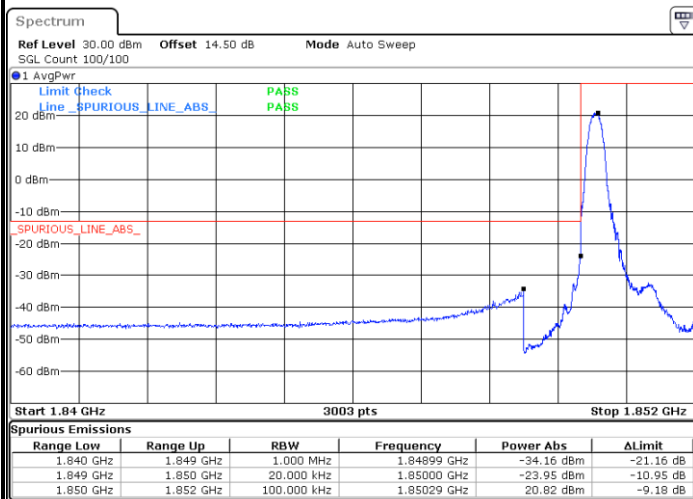
Date: 7,JAN,2025 00:16:30



Conducted Band Edge

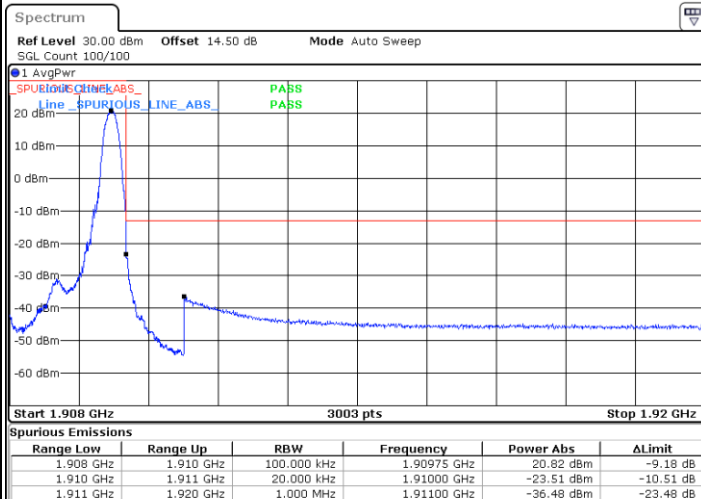
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



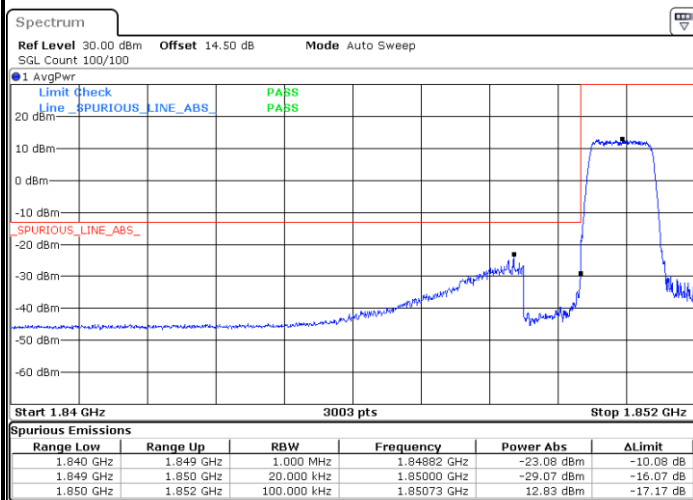
Date: 6.JAN.2025 22:52:32

Highest Band Edge / 1RB



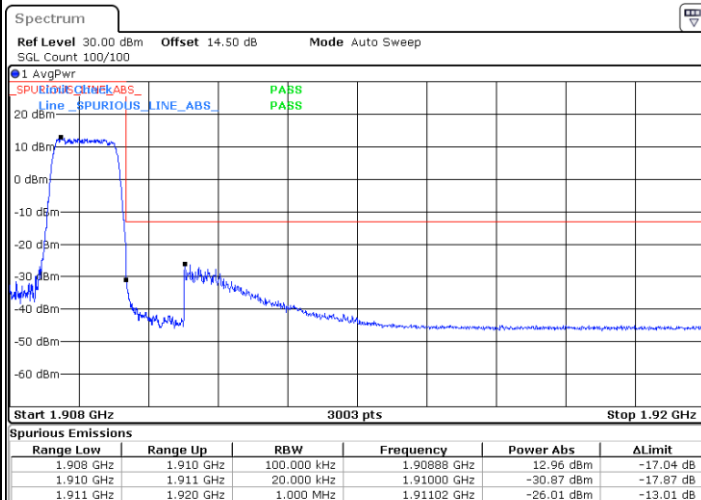
Date: 6.JAN.2025 23:01:07

Lowest Band Edge / Full RB



Date: 6.JAN.2025 22:56:09

Highest Band Edge / Full RB

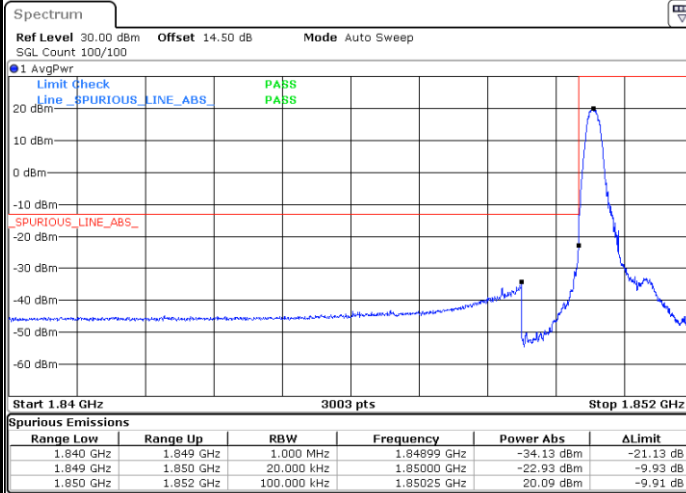


Date: 6.JAN.2025 23:04:45

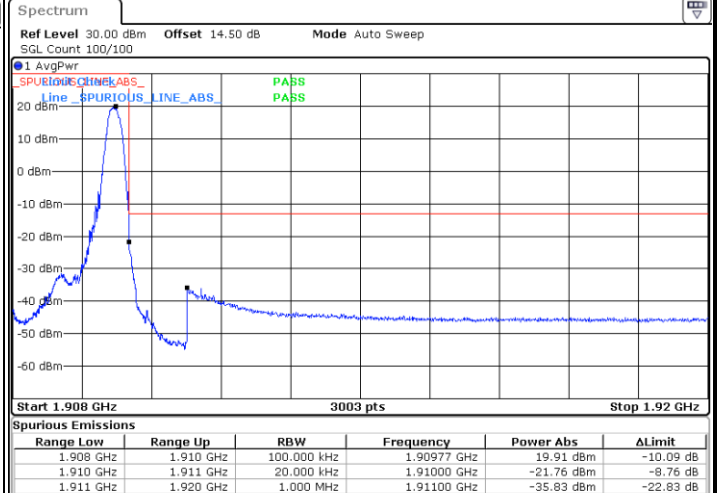


LTE Band 2 / 1.4MHz / 16QAM

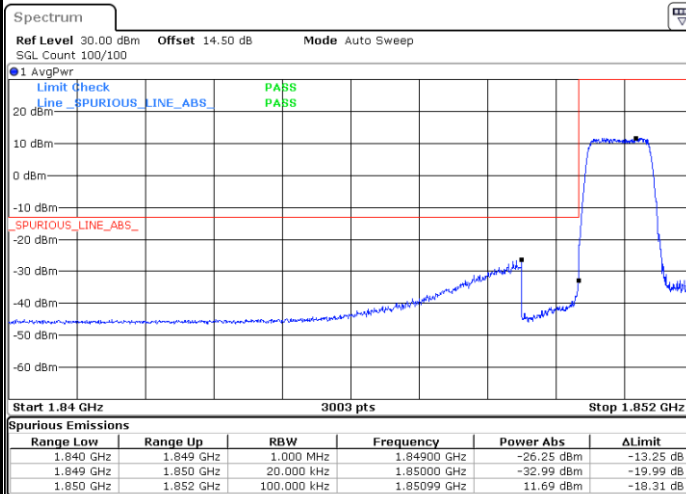
Lowest Band Edge / 1 RB



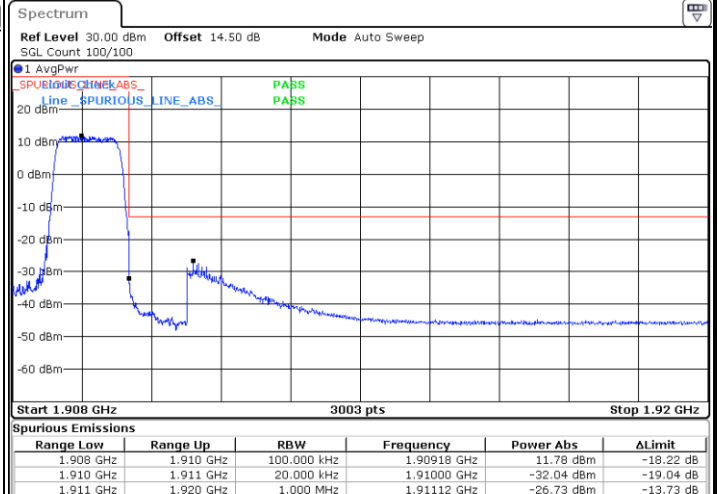
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



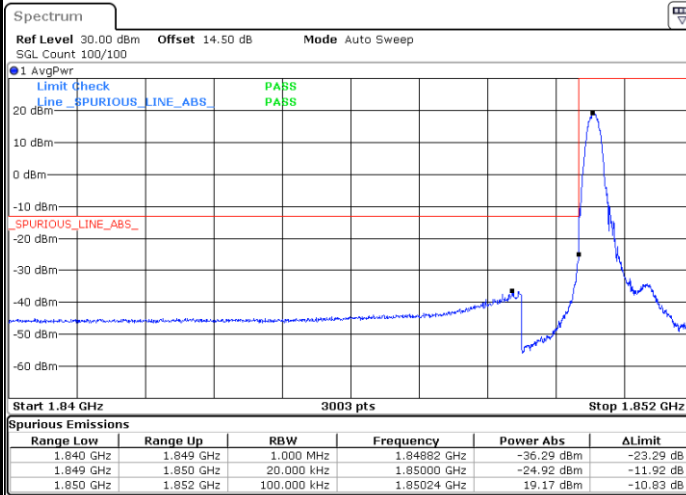
Highest Band Edge / Full RB



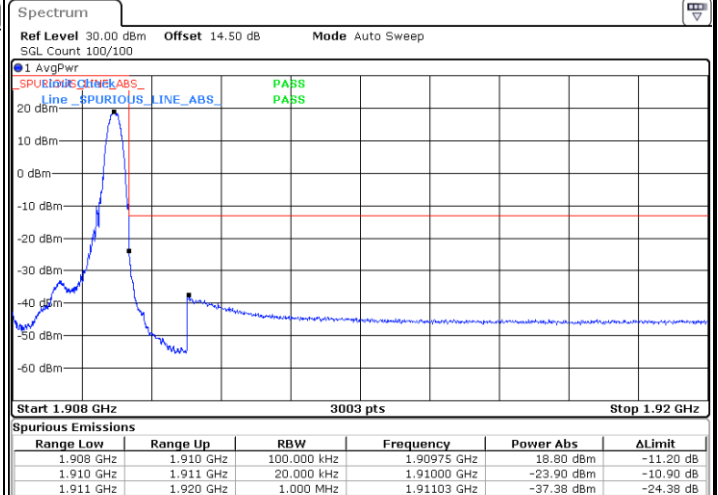


LTE Band 2 / 1.4MHz / 64QAM

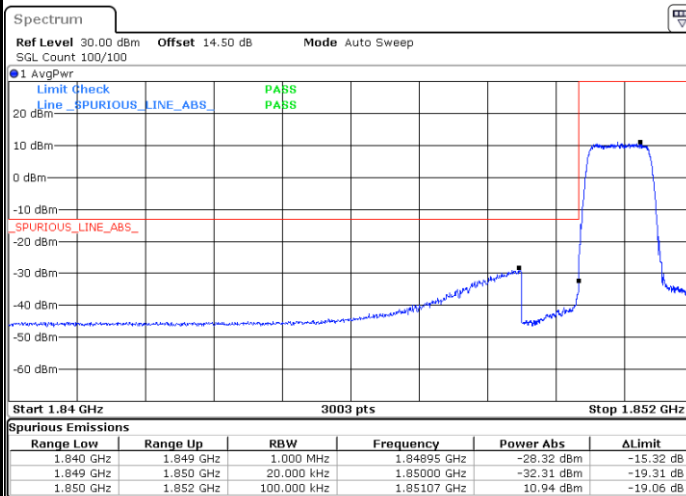
Lowest Band Edge / 1 RB



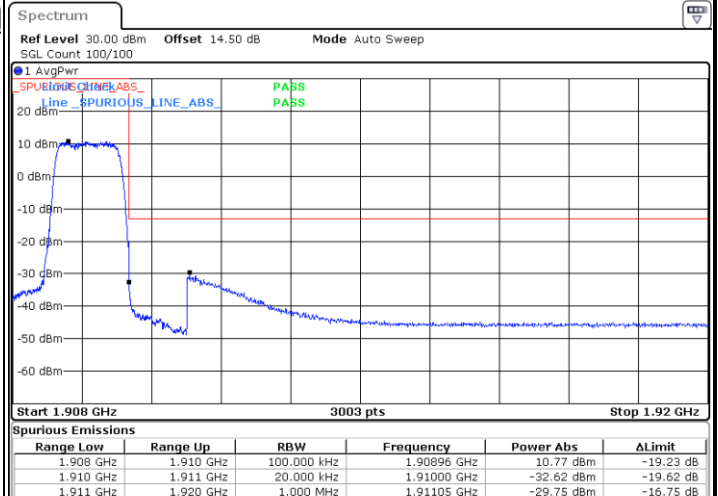
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



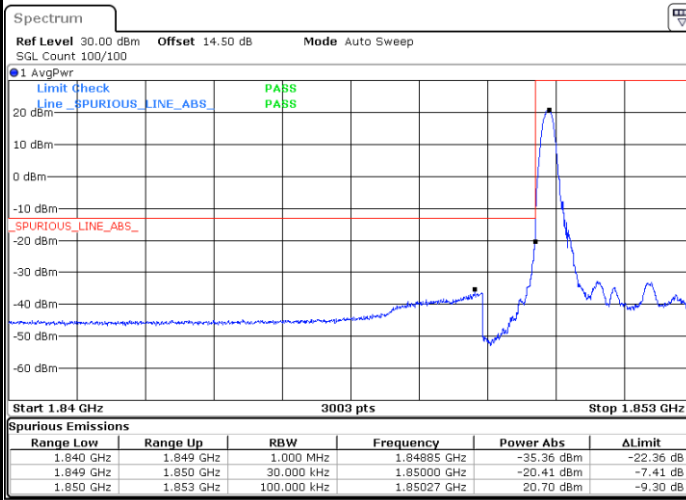
Highest Band Edge / Full RB



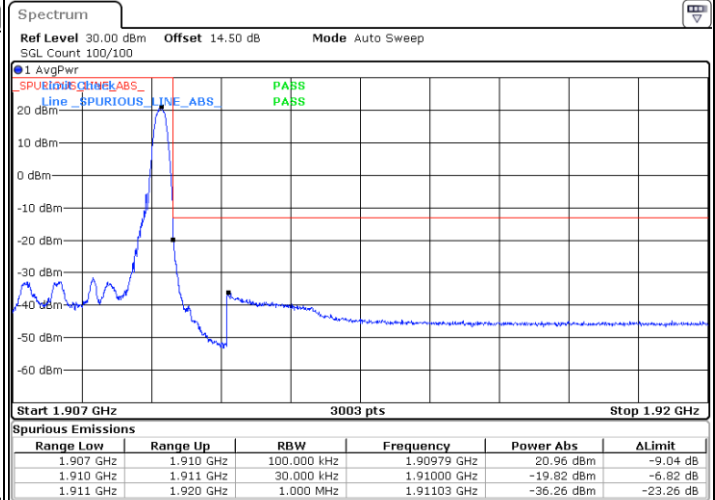


LTE Band 2 / 3MHz / QPSK

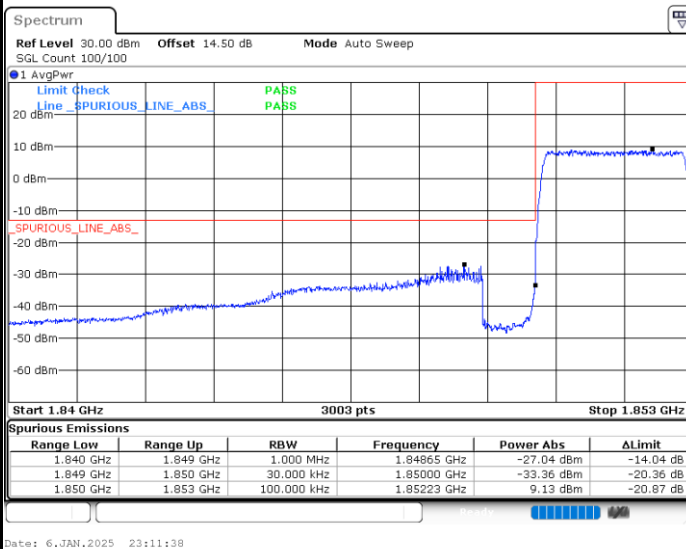
Lowest Band Edge / 1RB



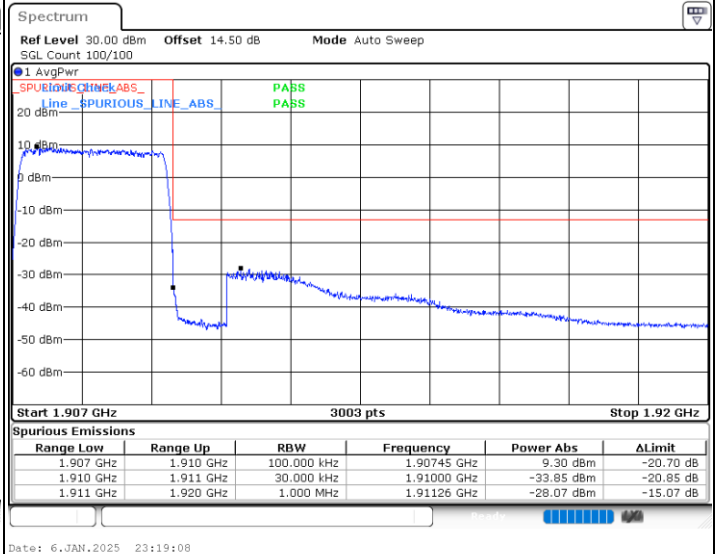
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



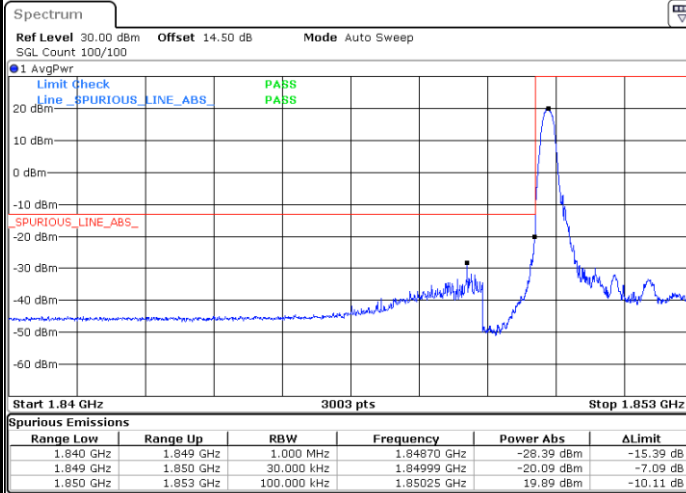
Highest Band Edge / Full RB



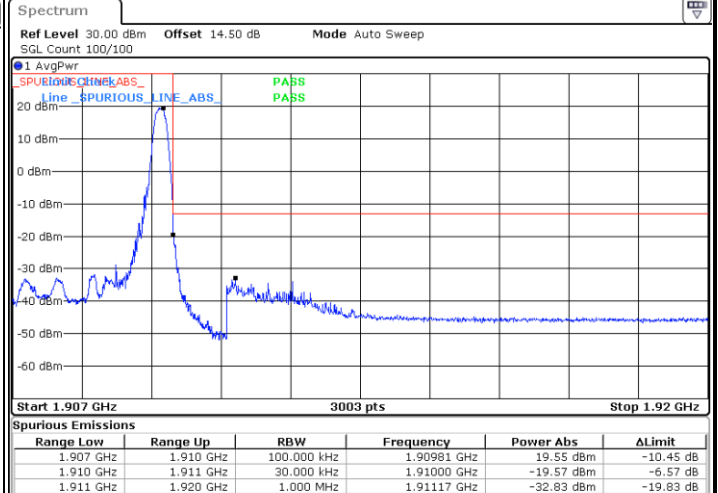


LTE Band 2 / 3MHz / 16QAM

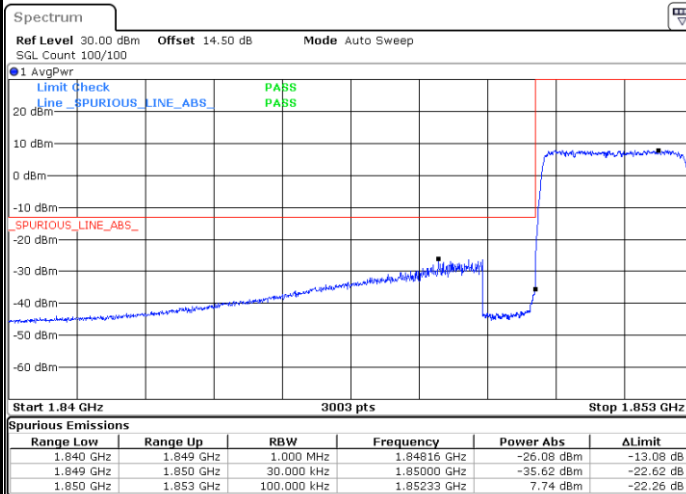
Lowest Band Edge / 1 RB



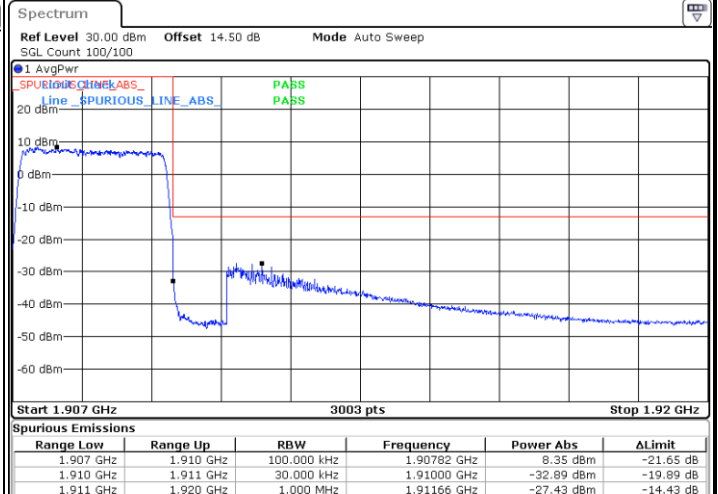
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



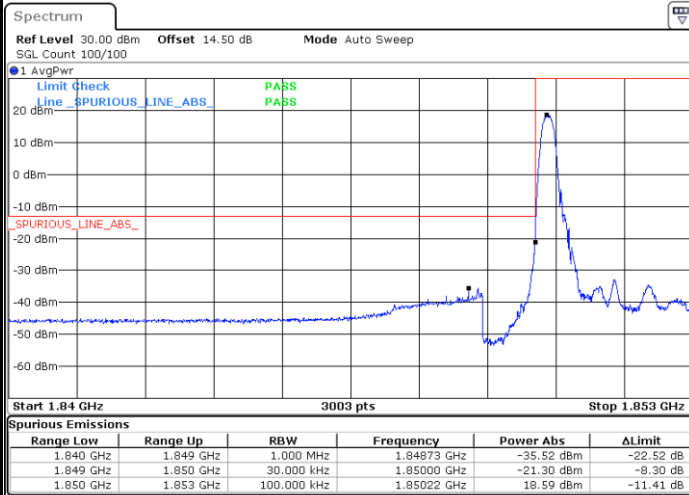
Highest Band Edge / Full RB



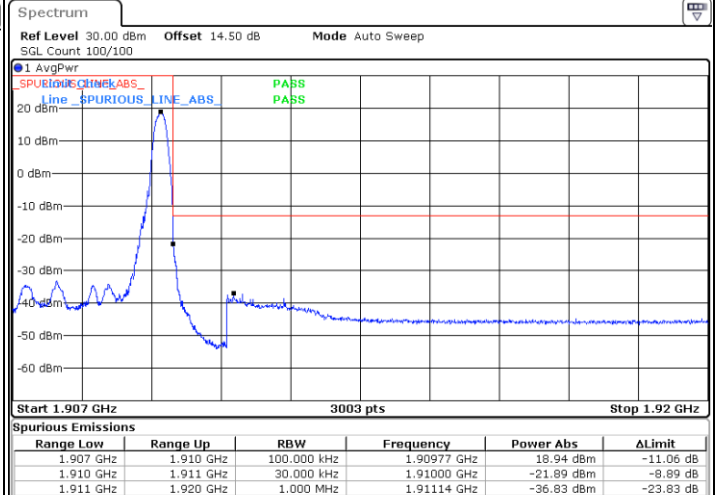


LTE Band 2 / 3MHz / 64QAM

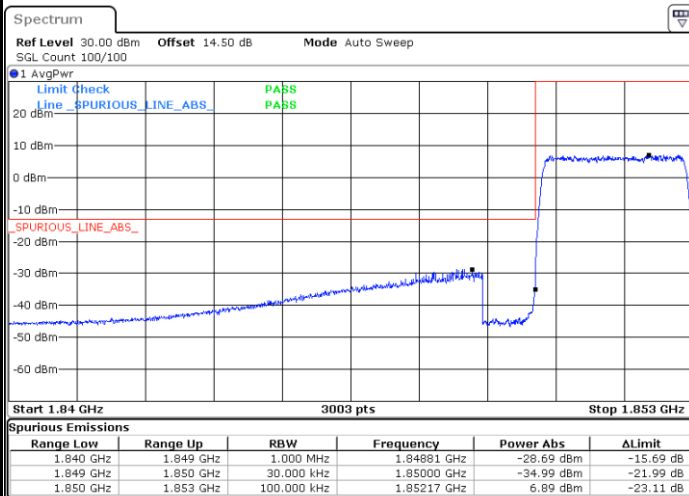
Lowest Band Edge / 1 RB



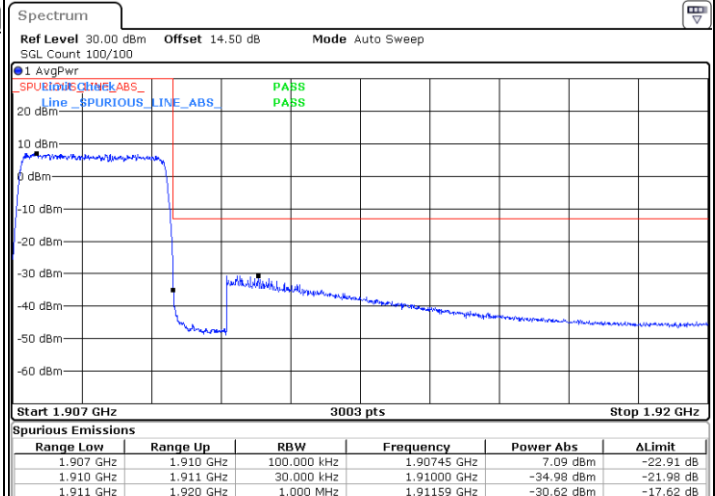
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



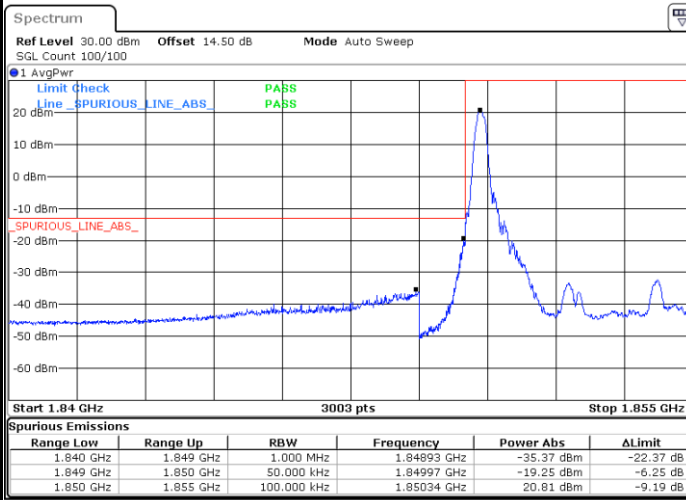
Highest Band Edge / Full RB



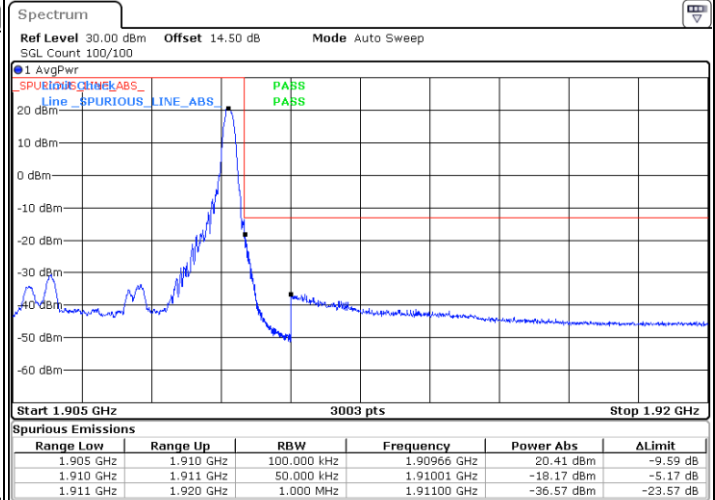


LTE Band 2 / 5MHz / QPSK

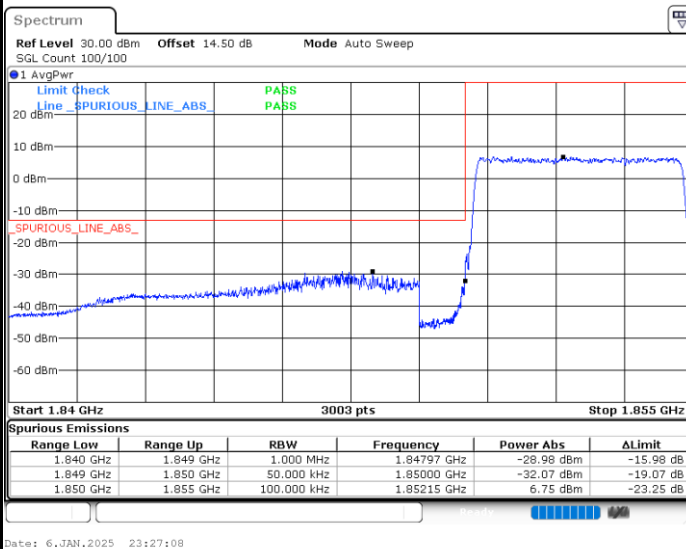
Lowest Band Edge / 1RB



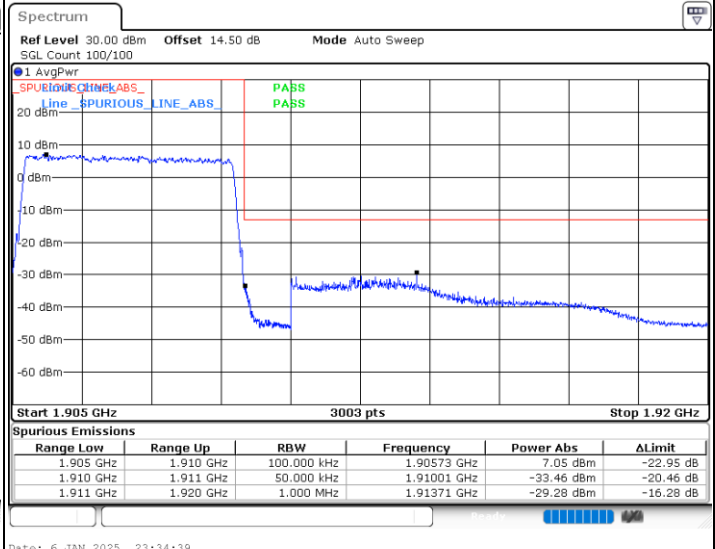
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



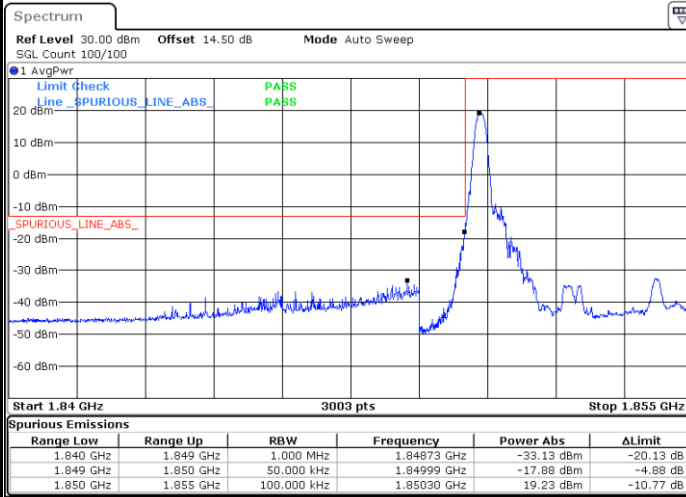
Highest Band Edge / Full RB



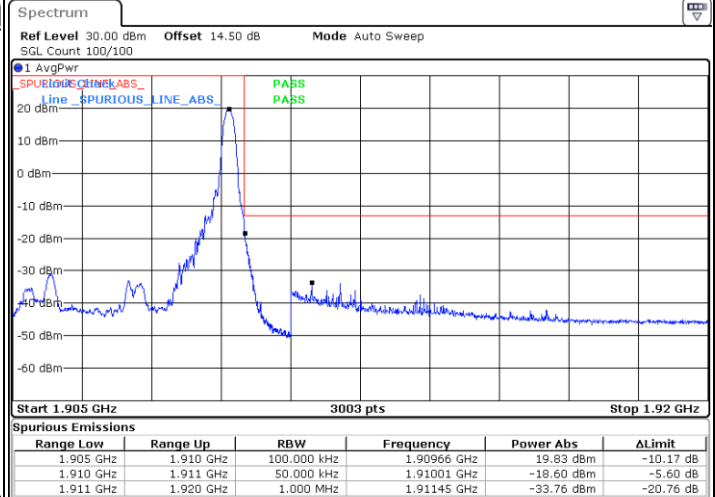


LTE Band 2 / 5MHz / 16QAM

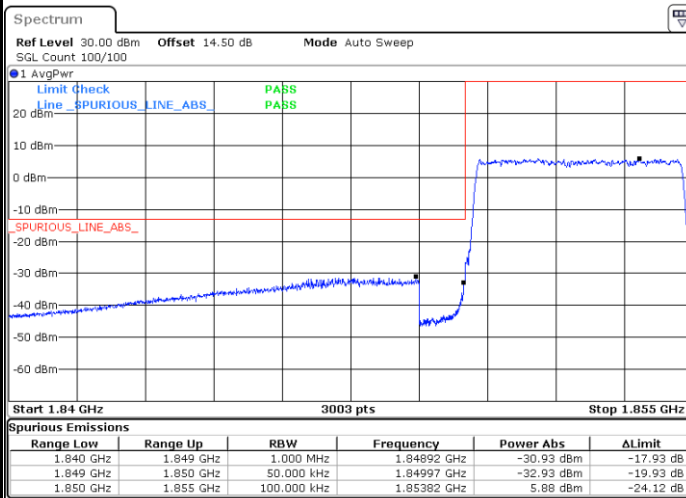
Lowest Band Edge / 1 RB



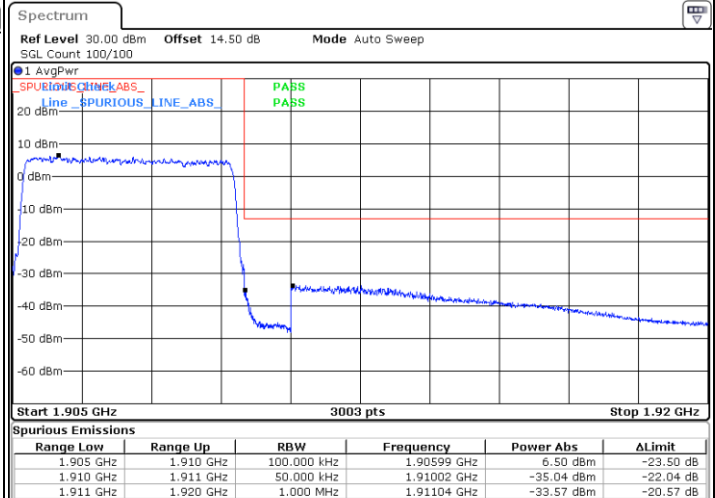
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



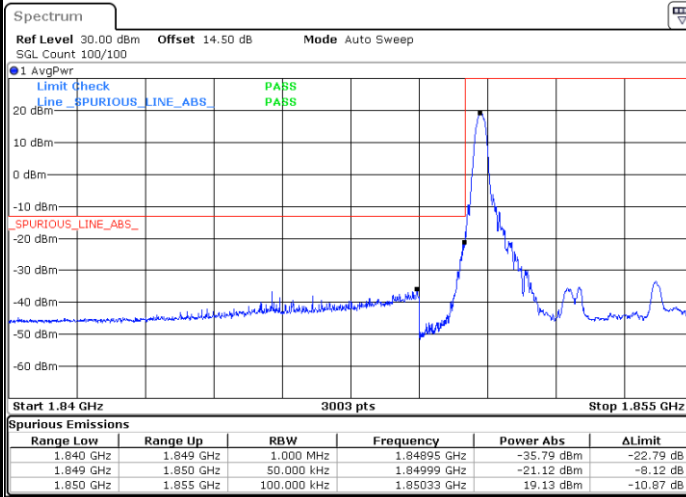
Highest Band Edge / Full RB



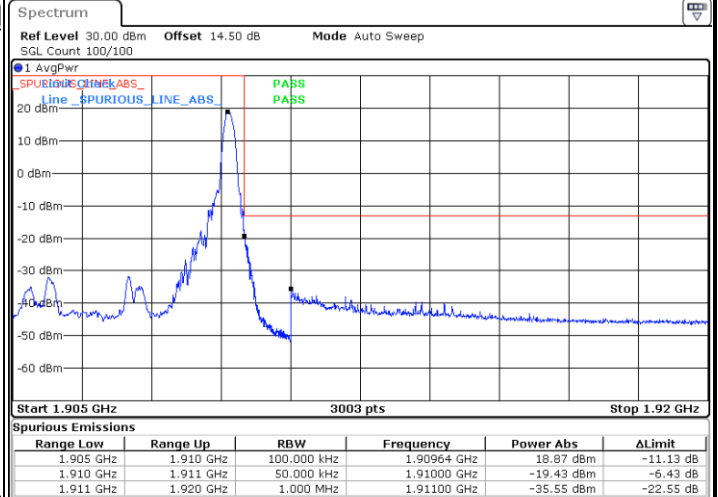


LTE Band 2 / 5MHz / 64QAM

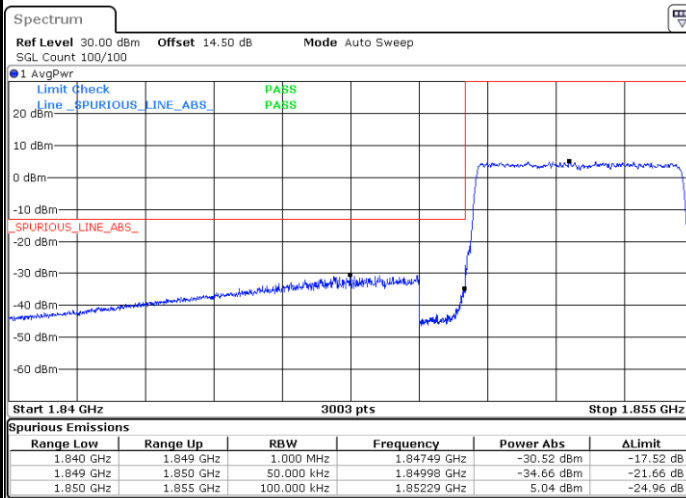
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

