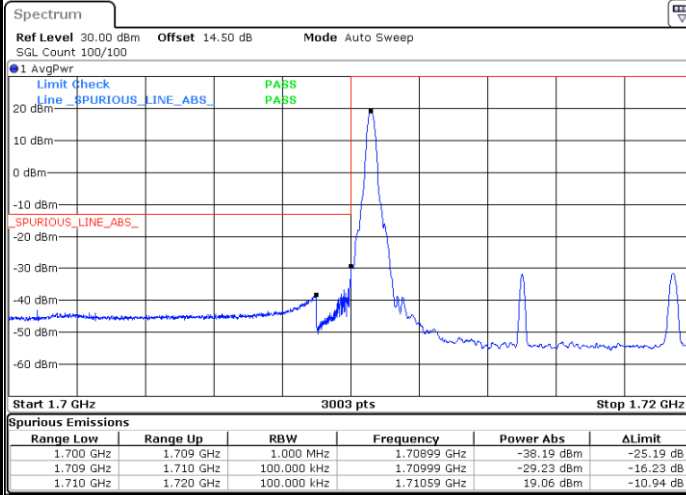


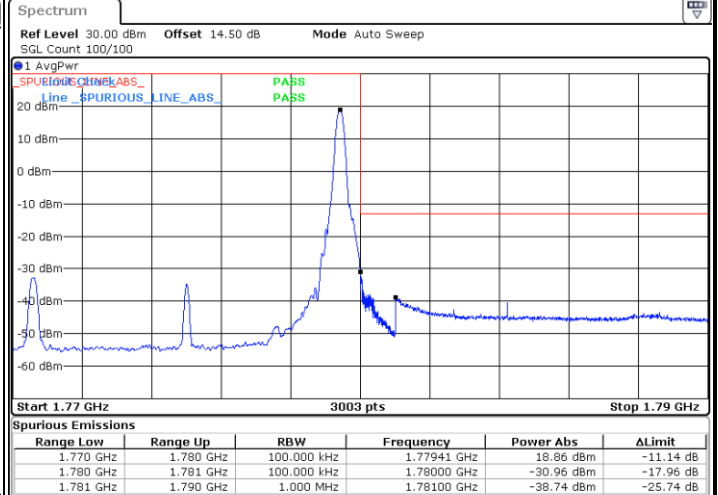


LTE Band 66 / 10MHz / 64QAM

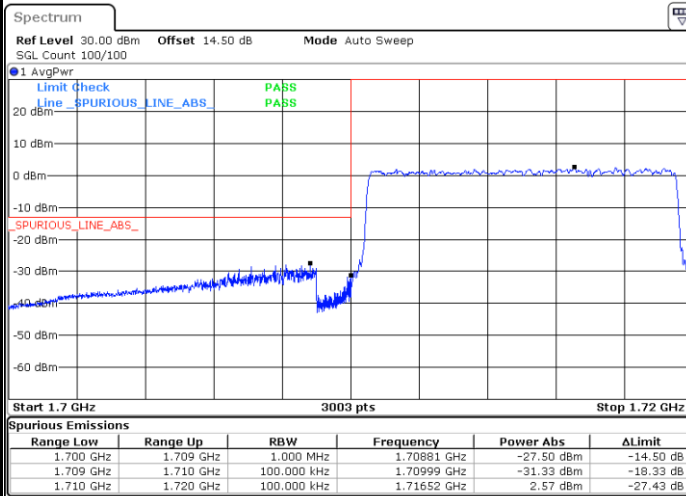
Lowest Band Edge / 1 RB



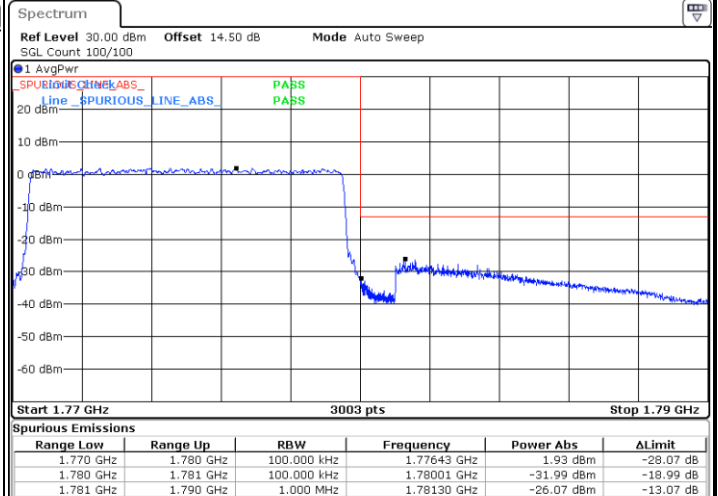
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



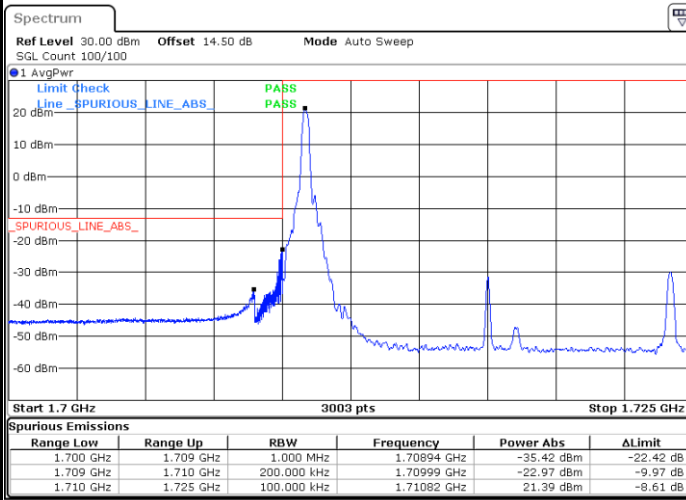
Highest Band Edge / Full RB





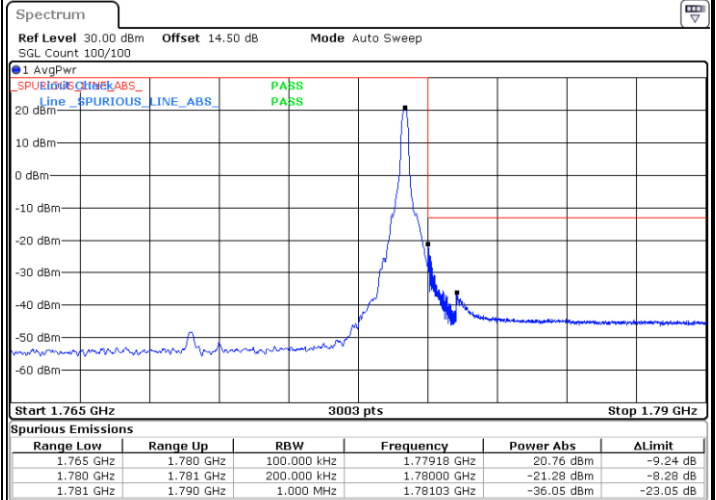
LTE Band 66 / 15MHz / QPSK

Lowest Band Edge / 1RB



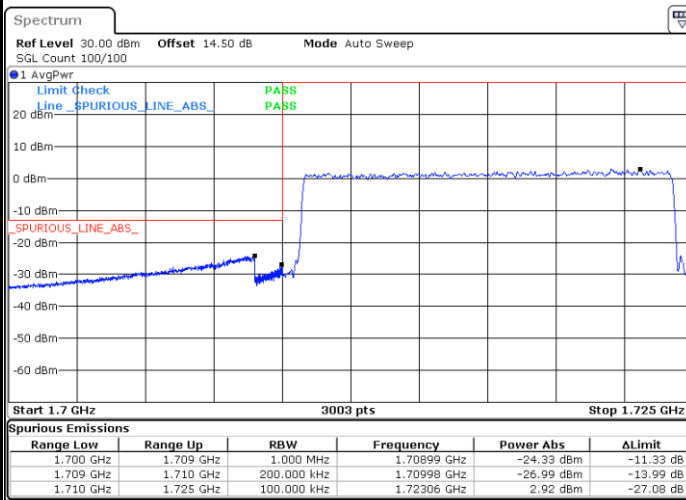
Date: 17.AUG.2024 12:53:35

Highest Band Edge / 1RB



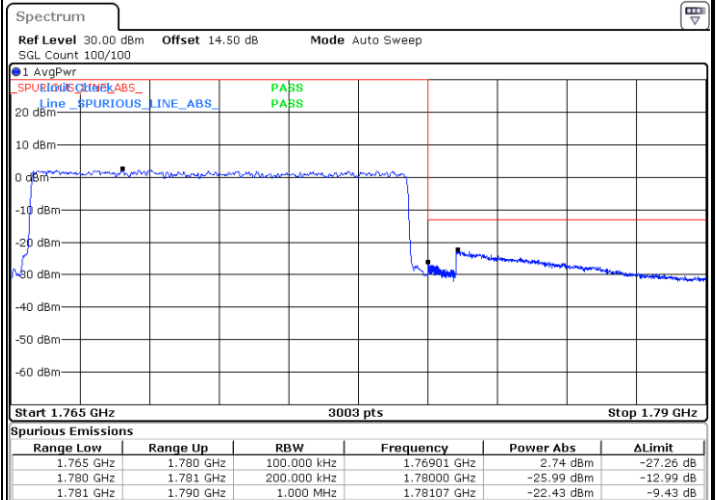
Date: 17.AUG.2024 13:05:24

Lowest Band Edge / Full RB



Date: 17.AUG.2024 12:57:30

Highest Band Edge / Full RB

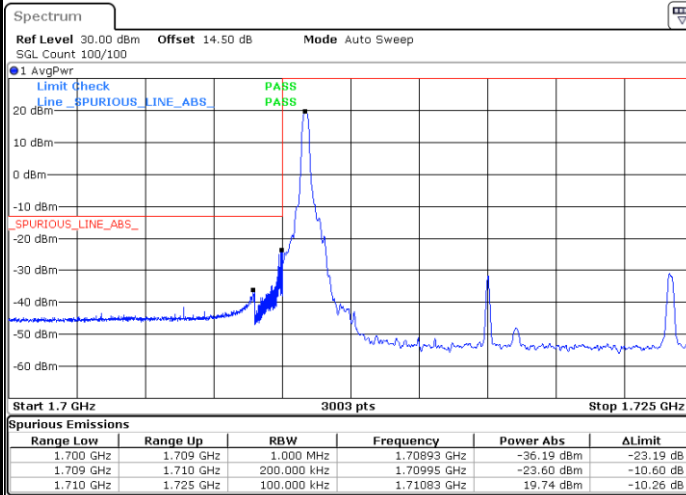


Date: 17.AUG.2024 13:09:19

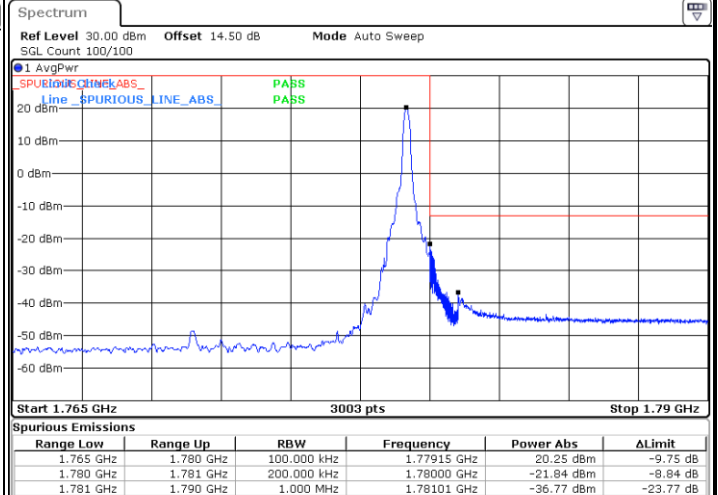


LTE Band 66 / 15MHz / 16QAM

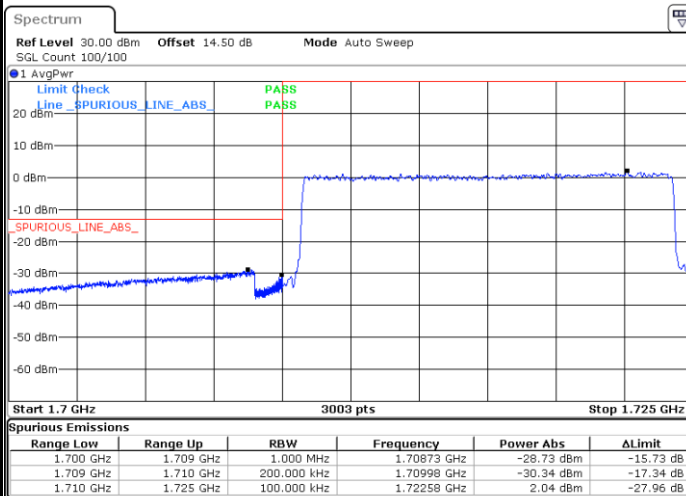
Lowest Band Edge / 1 RB



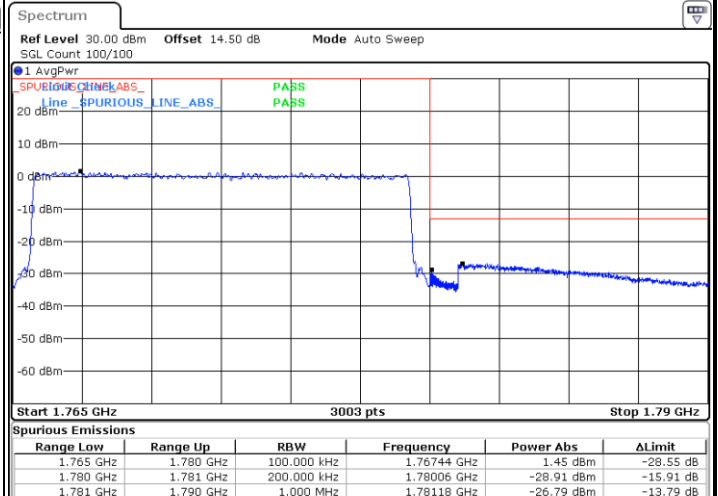
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



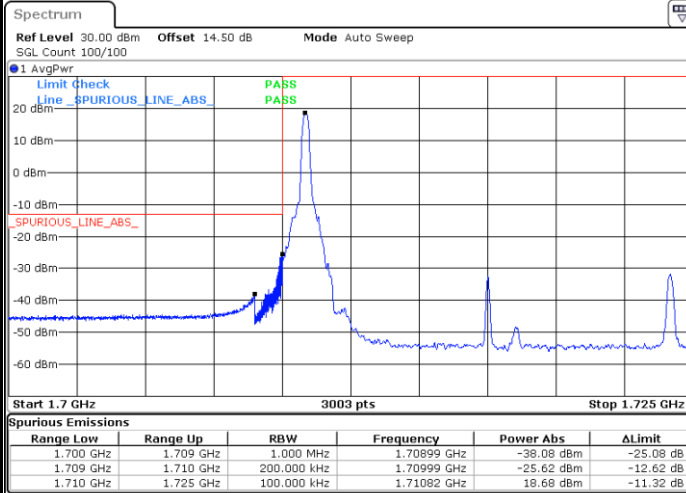
Highest Band Edge / Full RB



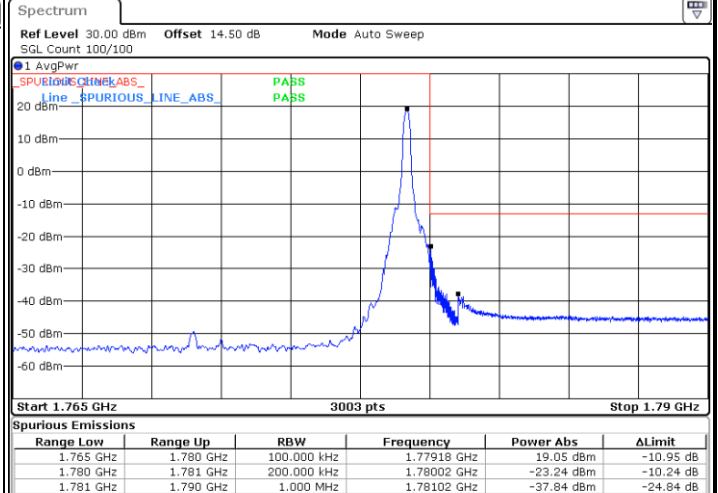


LTE Band 66 / 15MHz / 64QAM

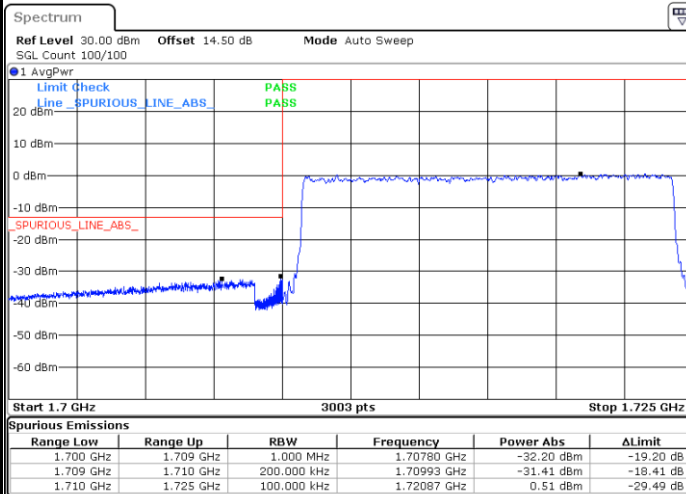
Lowest Band Edge / 1 RB



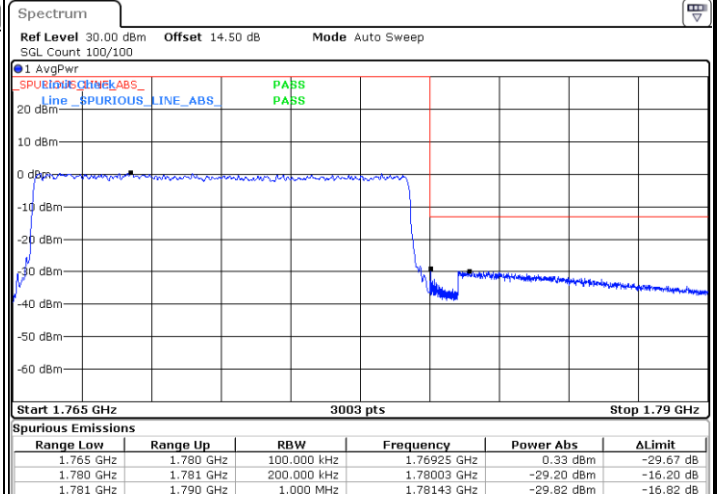
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



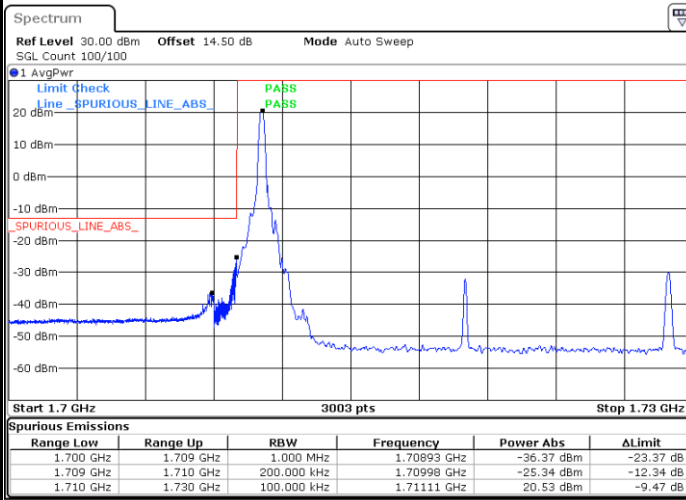
Highest Band Edge / Full RB



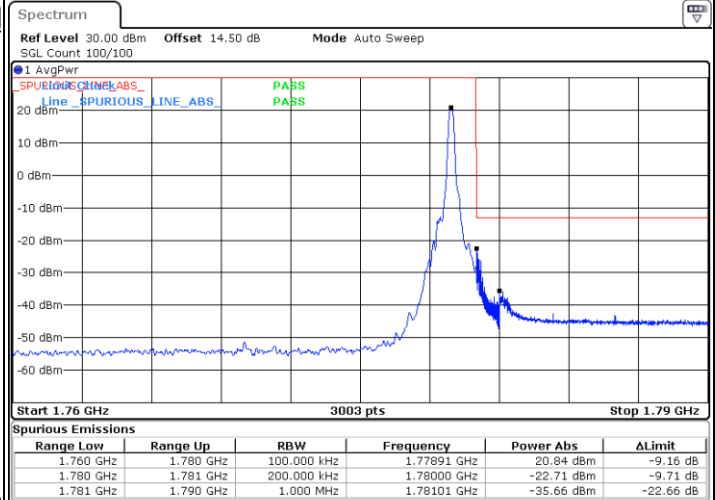


LTE Band 66 / 20MHz / QPSK

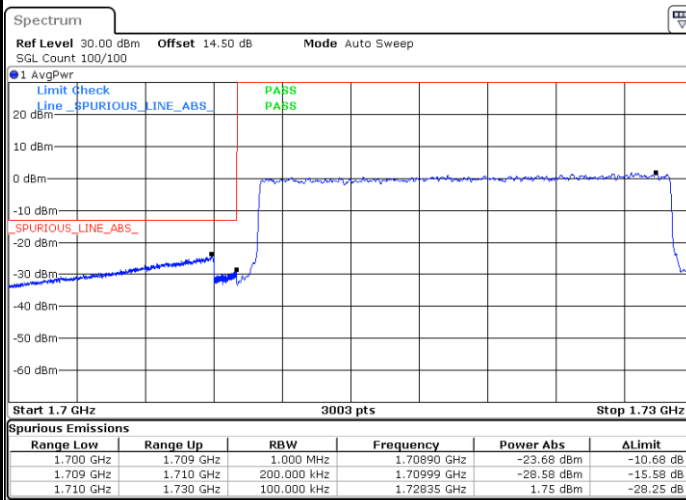
Lowest Band Edge / 1RB



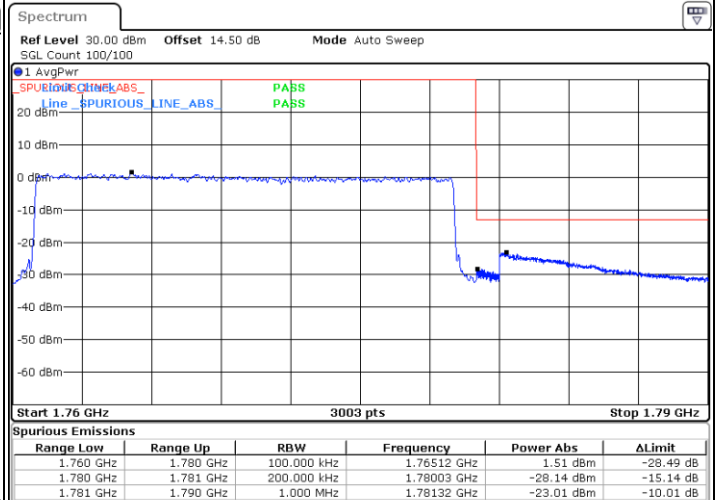
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



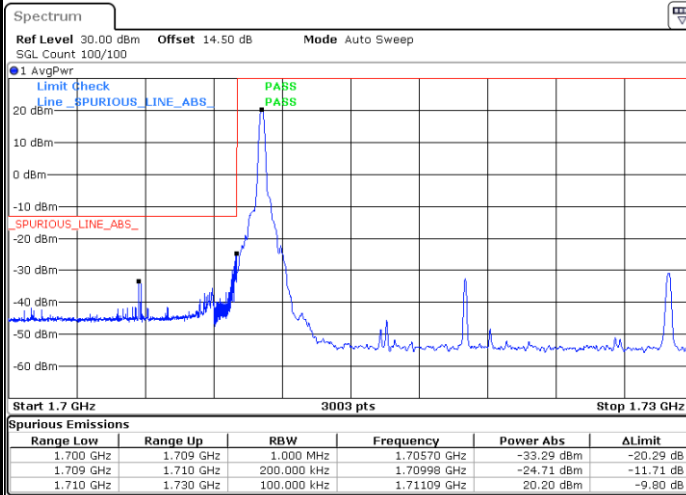
Highest Band Edge / Full RB



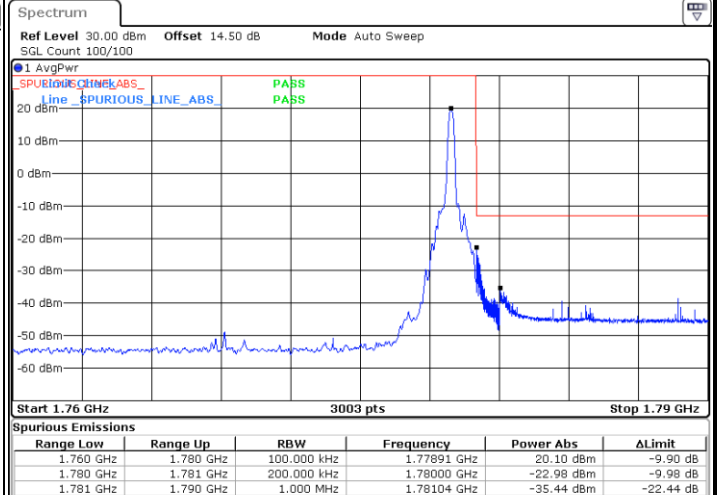


LTE Band 66 / 20MHz / 16QAM

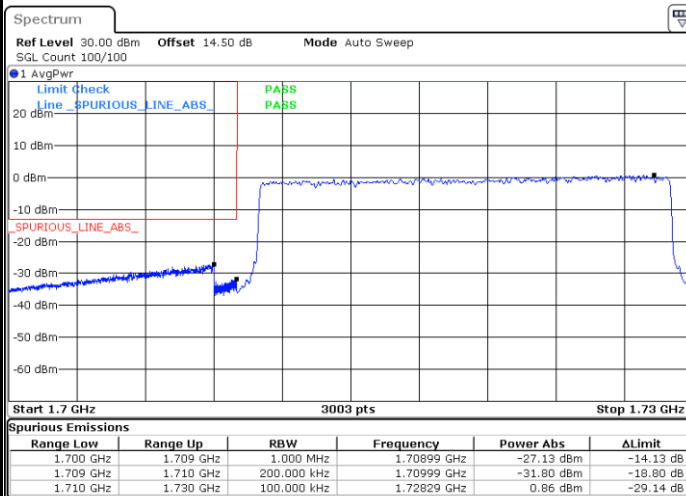
Lowest Band Edge / 1 RB



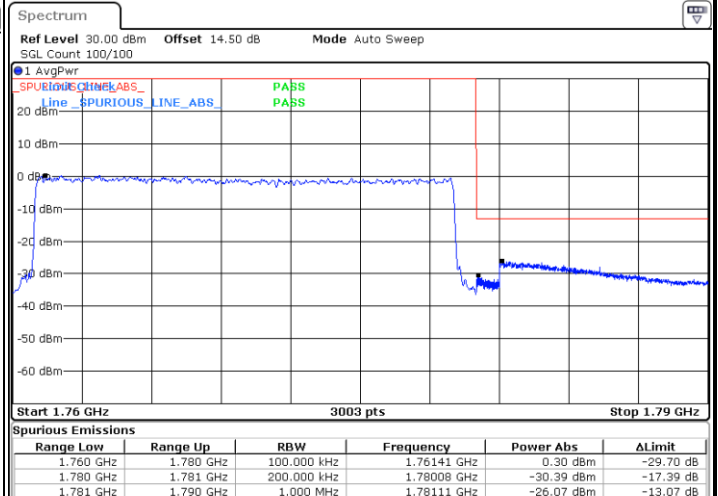
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



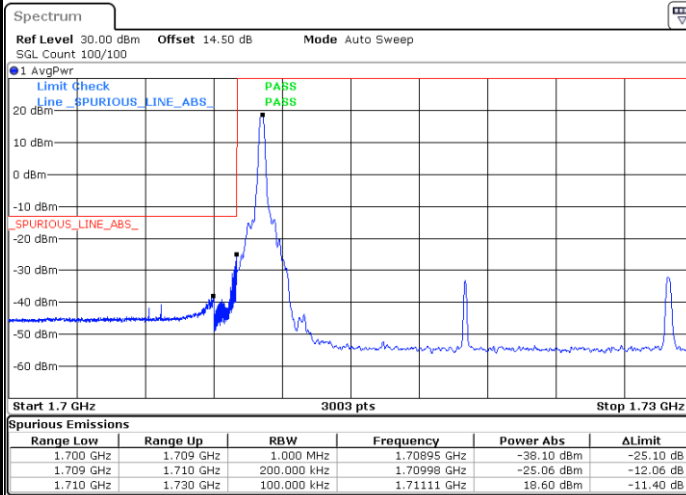
Highest Band Edge / Full RB



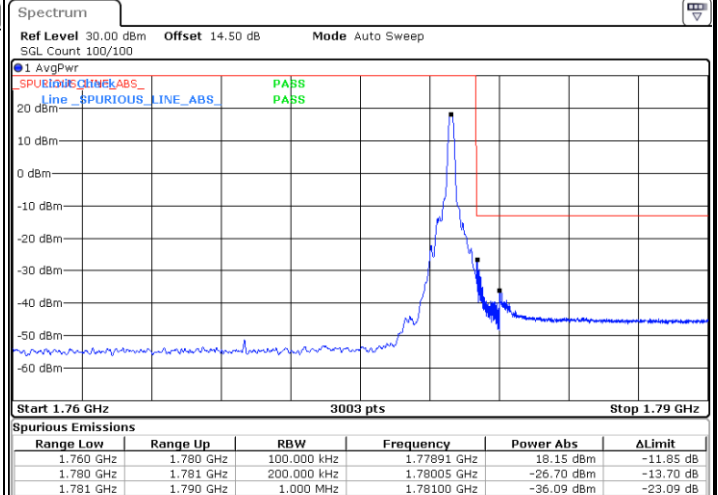


LTE Band 66 / 20MHz / 64QAM

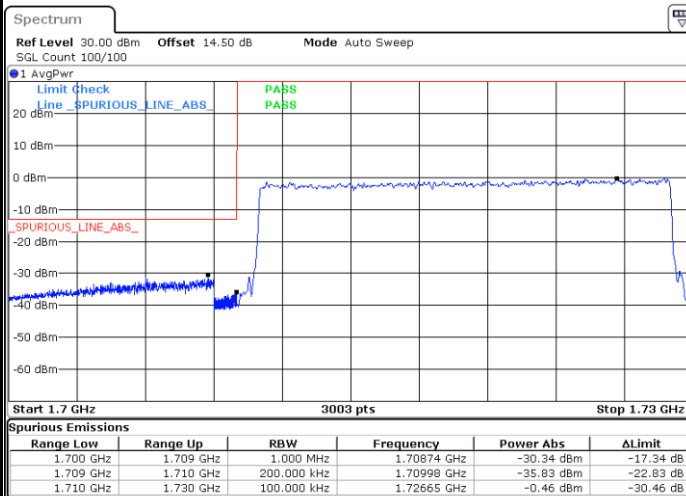
Lowest Band Edge / 1 RB



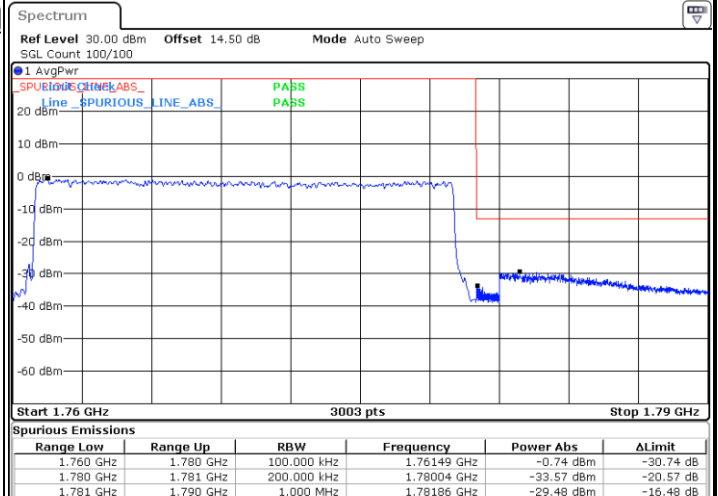
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

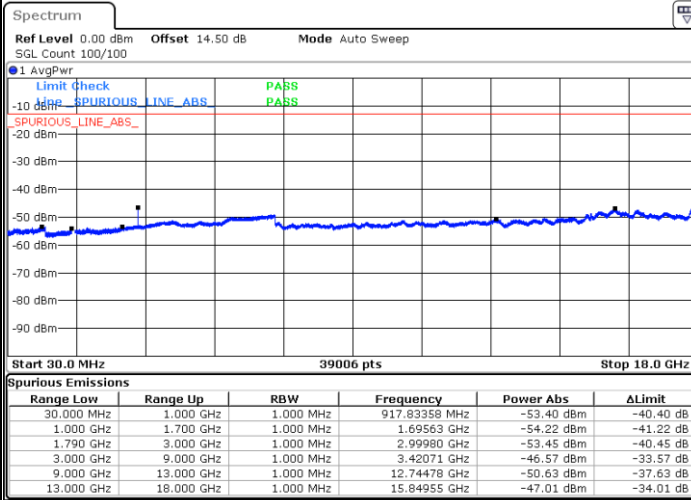




Conducted Spurious Emission

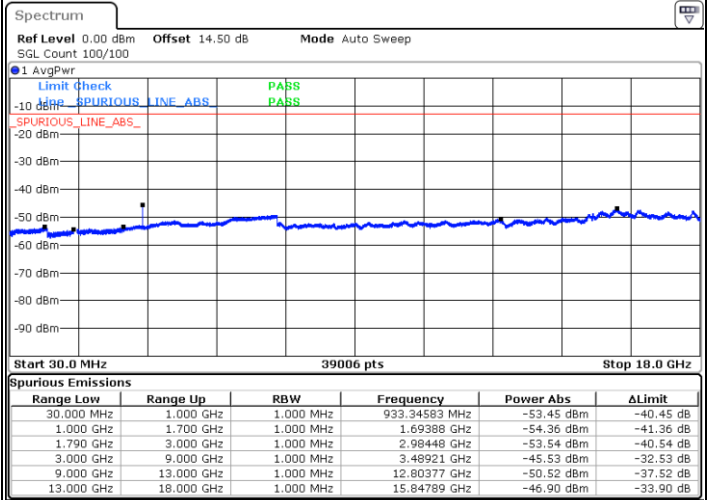
LTE Band 66 / 1.4MHz

Lowest Channel / QPSK



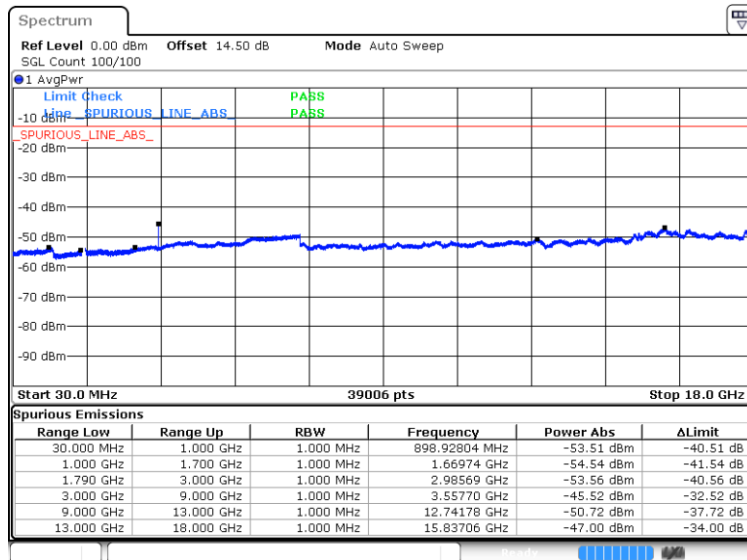
Date: 17 AUG 2024 11:31:15

Middle Channel / QPSK



Date: 17 AUG 2024 11:36:31

Highest Channel / QPSK

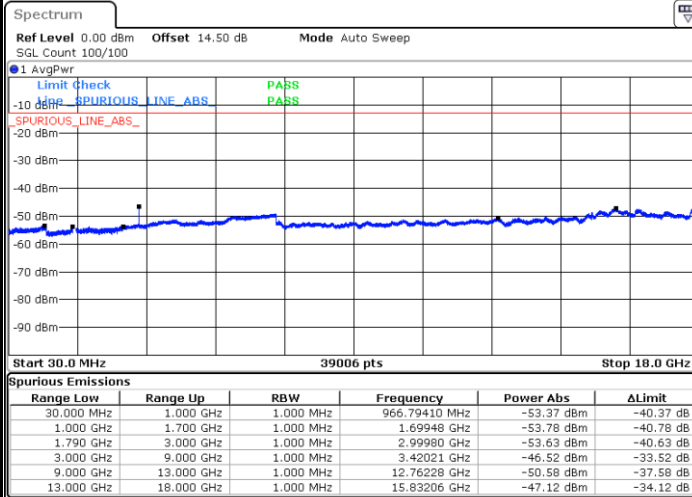


Date: 17 AUG 2024 11:43:08



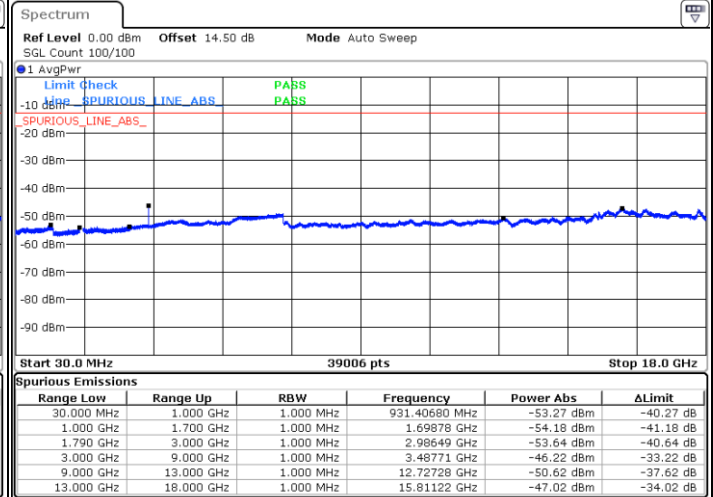
LTE Band 66 / 3MHz

Lowest Channel / QPSK



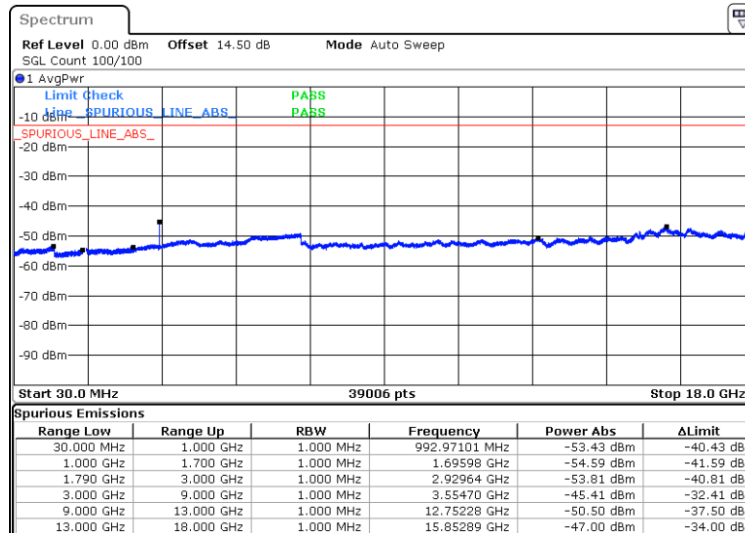
Date: 17 AUG 2024 11:53:03

Middle Channel / QPSK



Date: 17 AUG 2024 11:58:17

Highest Channel / QPSK

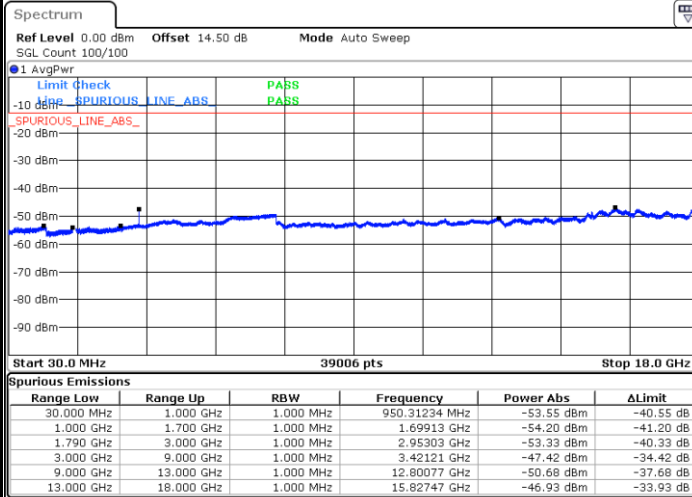


Date: 17 AUG 2024 12:08:48



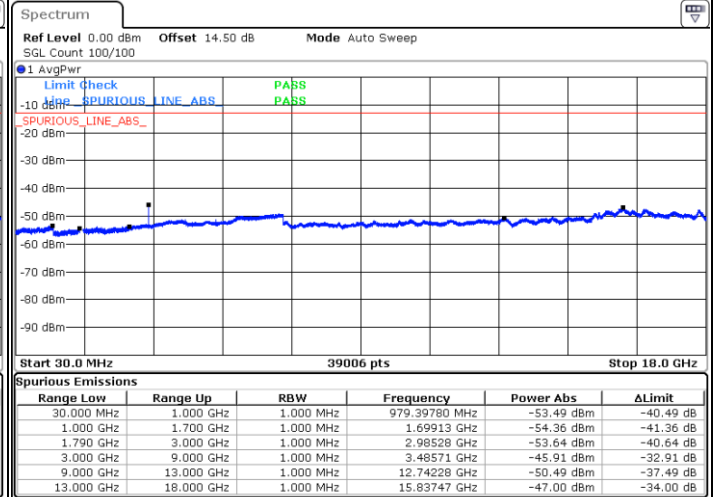
LTE Band 66 / 5MHz

Lowest Channel / QPSK



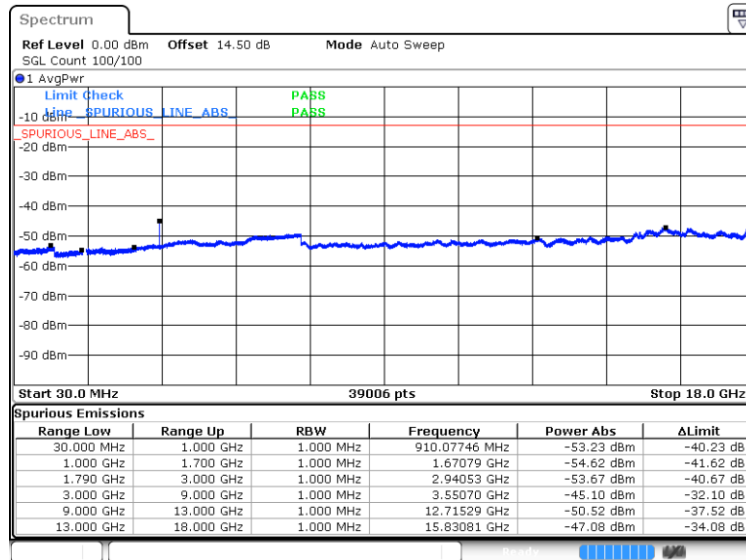
Date: 17 AUG 2024 12:14:48

Middle Channel / QPSK



Date: 17 AUG 2024 12:20:01

Highest Channel / QPSK

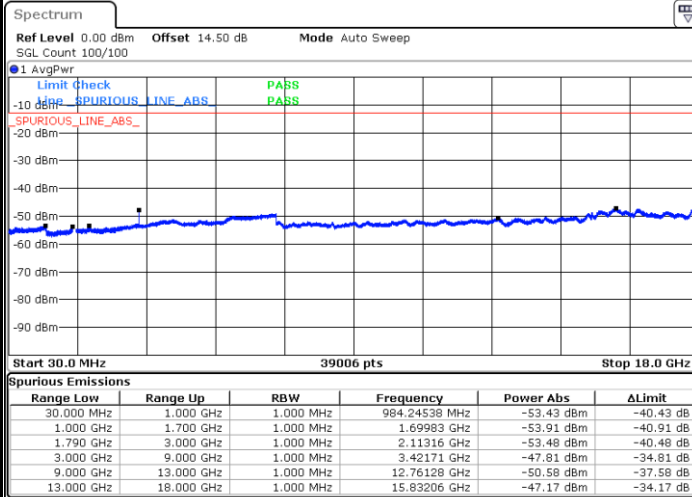


Date: 17 AUG 2024 12:30:31



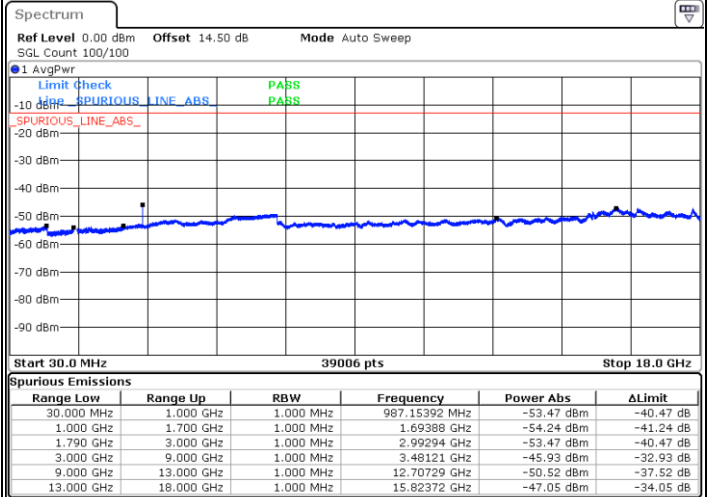
LTE Band 66 / 10MHz

Lowest Channel / QPSK



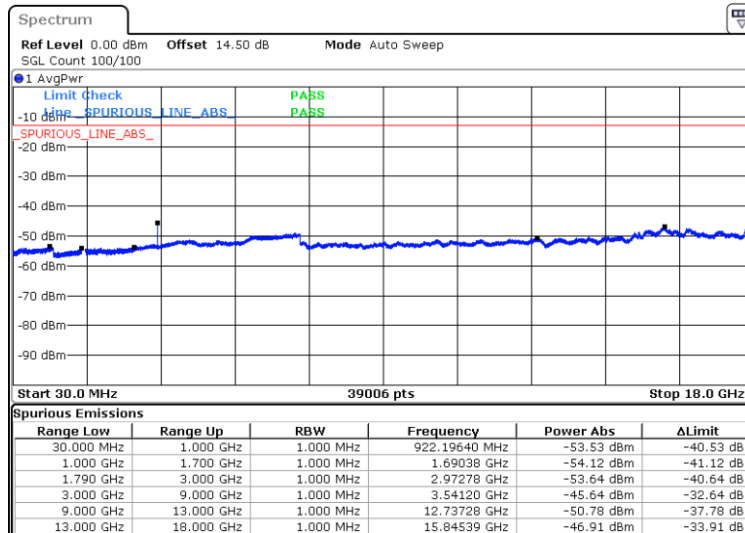
Date: 17 AUG 2024 12:39:40

Middle Channel / QPSK



Date: 17 AUG 2024 12:40:58

Highest Channel / QPSK

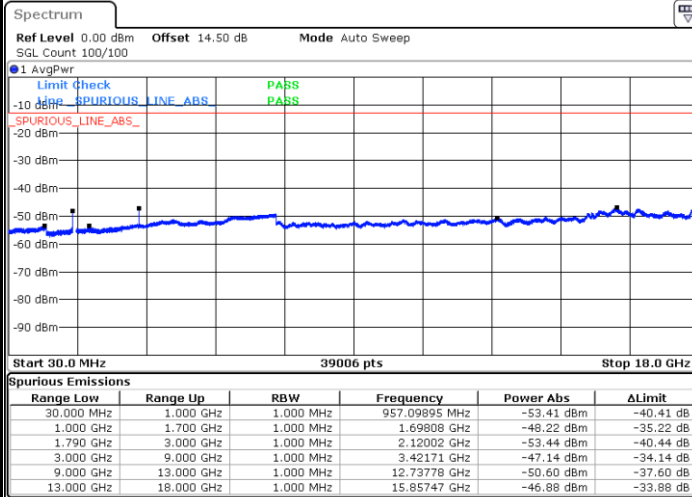


Date: 17 AUG 2024 12:51:30



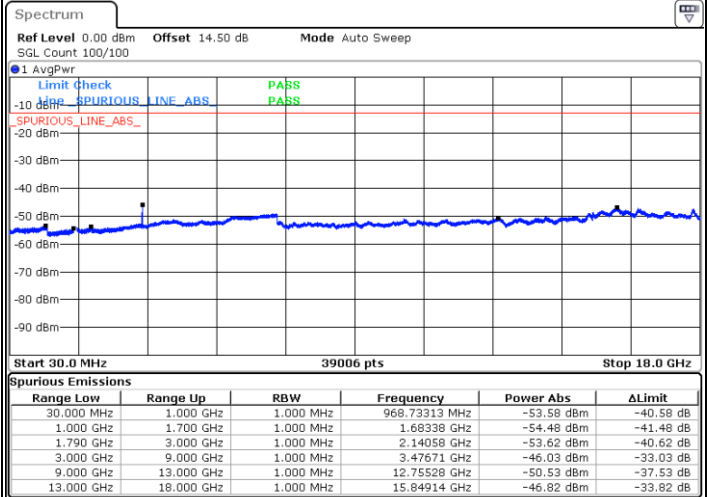
LTE Band 66 / 15MHz

Lowest Channel / QPSK



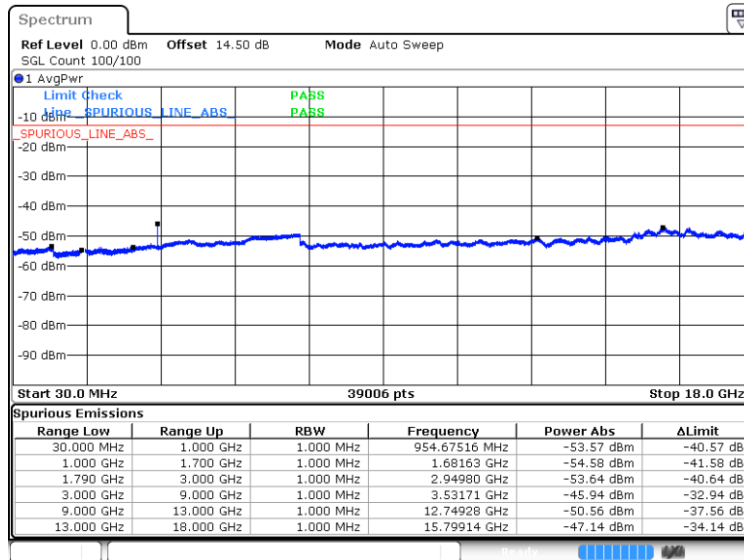
Date: 17 AUG 2024 13:01:24

Middle Channel / QPSK



Date: 17 AUG 2024 13:02:42

Highest Channel / QPSK

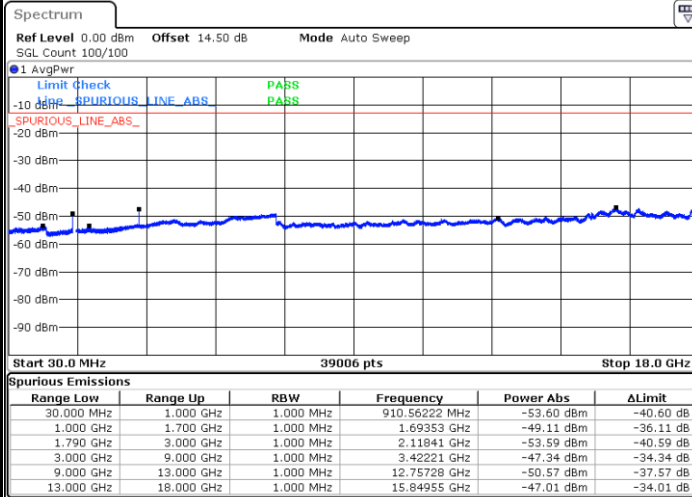


Date: 17 AUG 2024 13:13:12



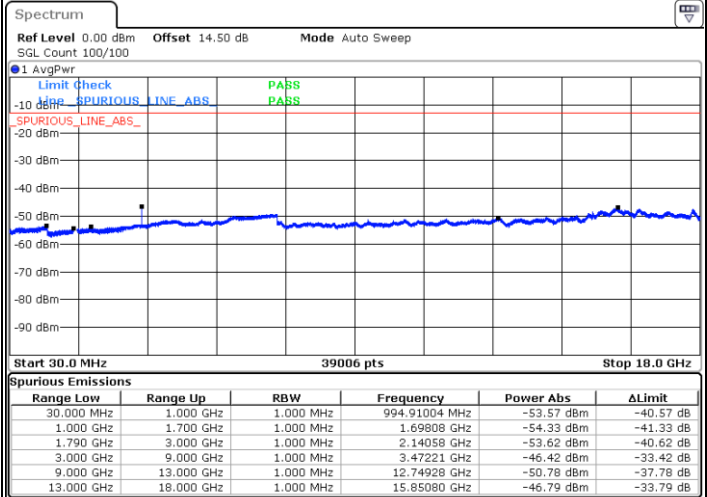
LTE Band 66 / 20MHz

Lowest Channel / QPSK



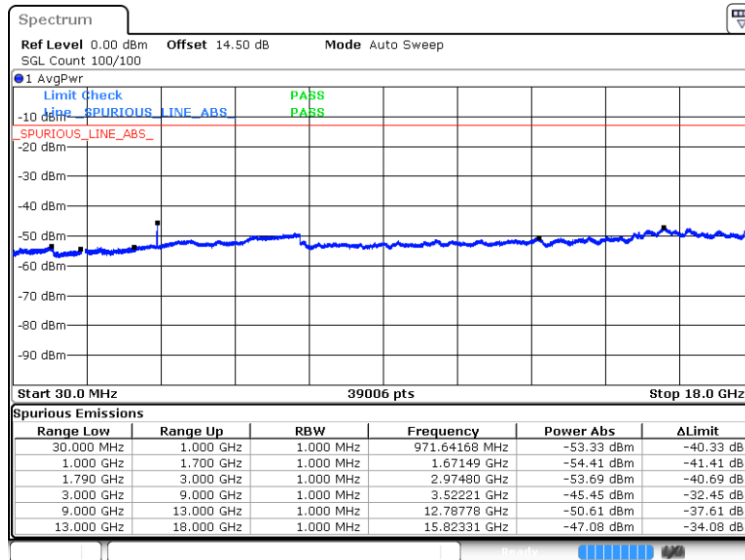
Date: 17 AUG 2024 13:23:06

Middle Channel / QPSK



Date: 17 AUG 2024 13:24:25

Highest Channel / QPSK



Date: 17 AUG 2024 13:36:26

**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	0.0003	PASS
40	Normal Voltage	0.0002	
30	Normal Voltage	0.0009	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0006	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0007	
-30	Normal Voltage	0.0003	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0002	

Note:

1. Normal Voltage = 3.8 V.; Battery End Point = 3.5 V.; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 2 other PA

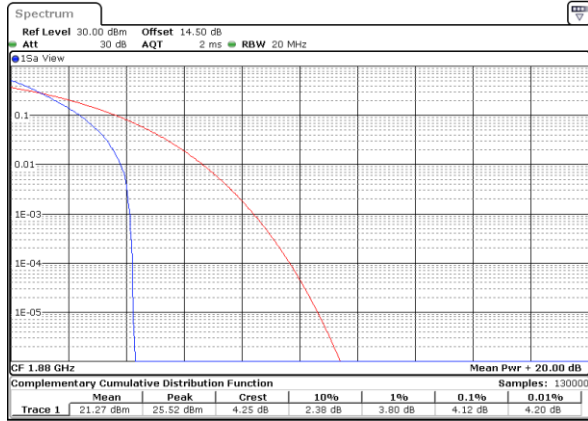
Peak-to-Average Ratio

Mode	LTE Band 2 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	4.12	5.25	5.22	PASS



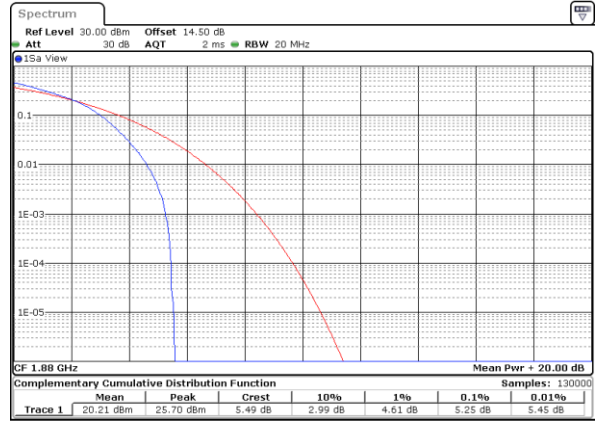
LTE Band 2 / 20MHz / QPSK

Middle Channel / Full RB



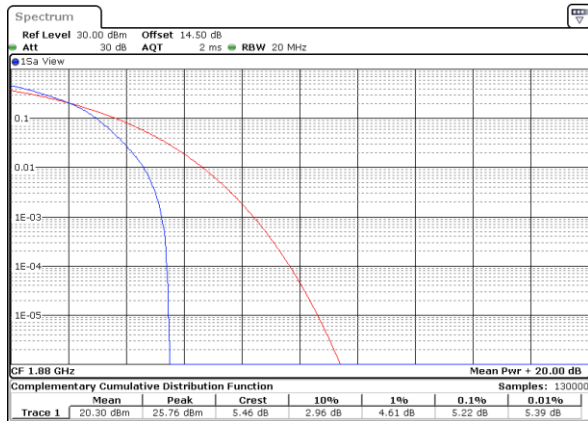
LTE Band 2 / 20MHz / 16QAM

Middle Channel / Full RB



LTE Band 2 / 20MHz / 64QAM

Middle Channel / Full RB





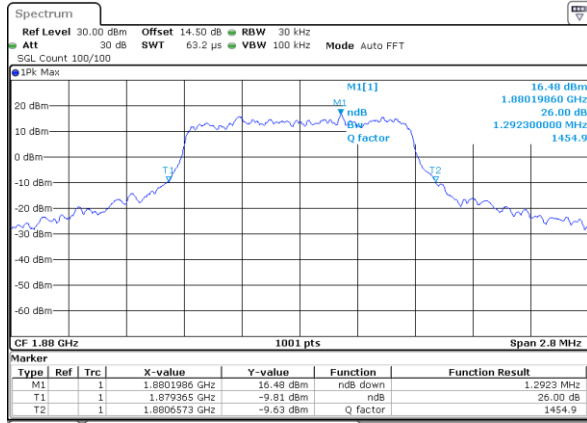
26dB Bandwidth

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	1.29	1.37	3.02	3.05	4.96	5.01	9.99	10.01	14.45	14.57	19.90	18.98



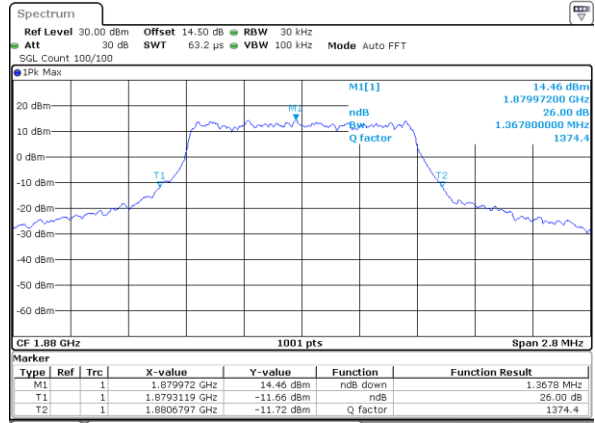
LTE Band 2

Middle Channel / 1.4MHz / QPSK



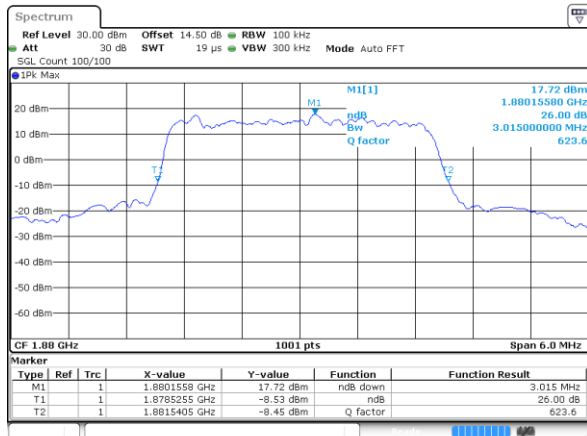
Date: 27 AUG 2024 02:27:22

Middle Channel / 1.4MHz / 16QAM



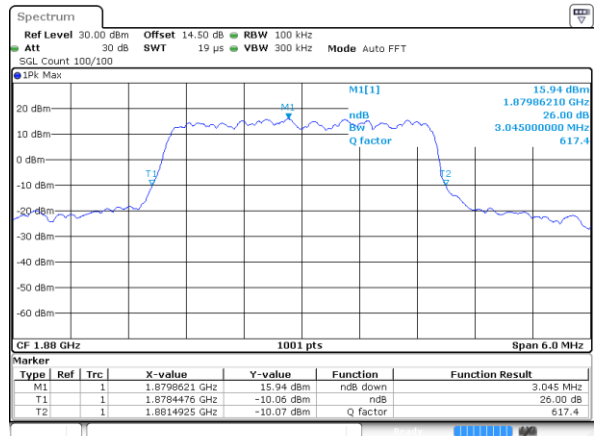
Date: 27 AUG 2024 02:28:01

Middle Channel / 3MHz / QPSK



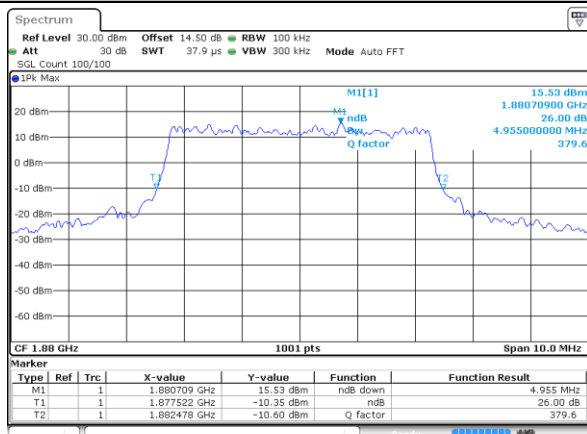
Date: 27 AUG 2024 02:43:18

Middle Channel / 3MHz / 16QAM



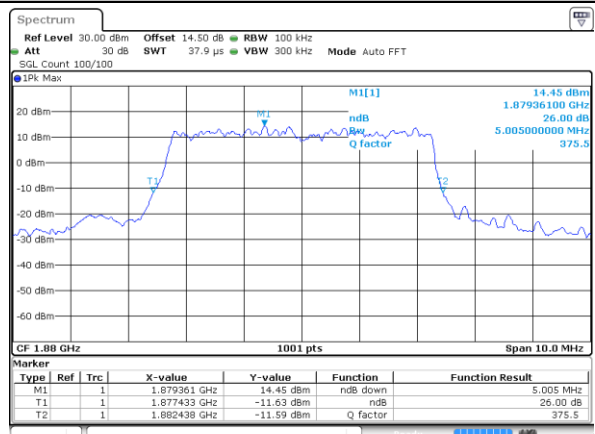
Date: 27 AUG 2024 02:43:57

Middle Channel / 5MHz / QPSK



Date: 27 AUG 2024 02:58:41

Middle Channel / 5MHz / 16QAM

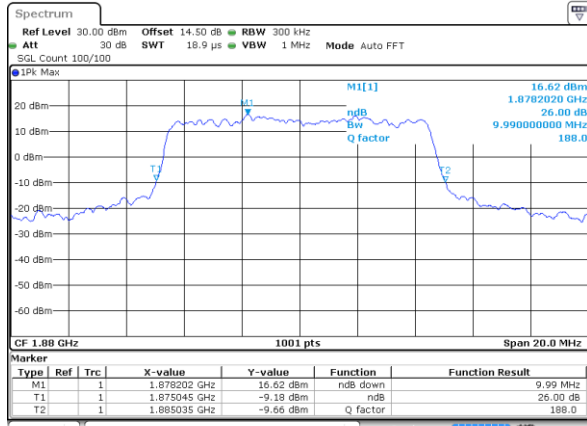


Date: 27 AUG 2024 02:58:20



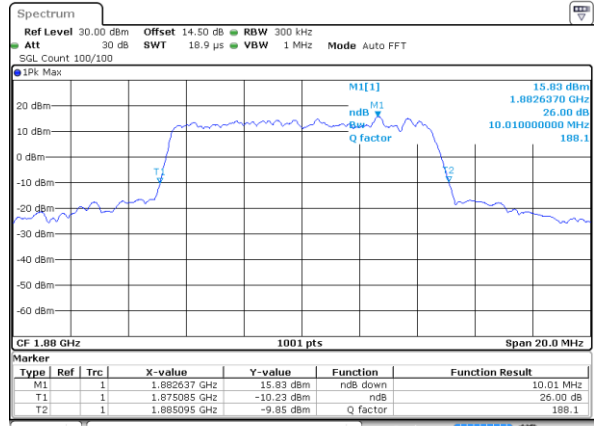
LTE Band 2

Middle Channel / 10MHz / QPSK



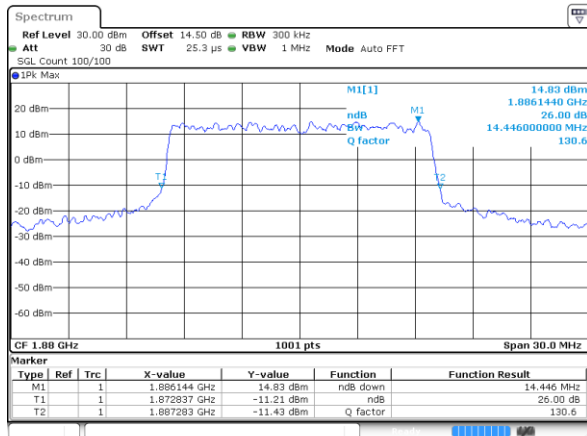
Date: 27 AUG 2024 03:14:15

Middle Channel / 10MHz / 16QAM



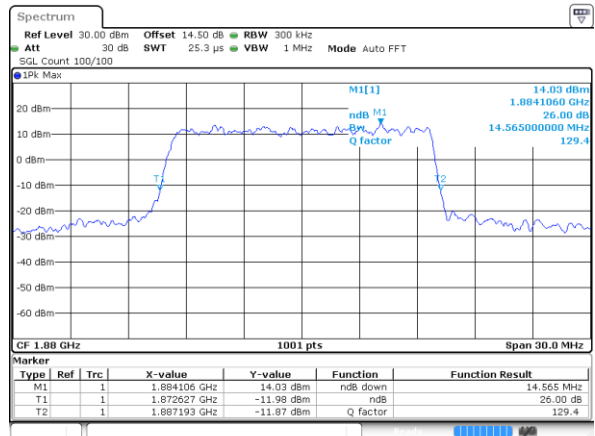
Date: 27 AUG 2024 03:14:55

Middle Channel / 15MHz / QPSK



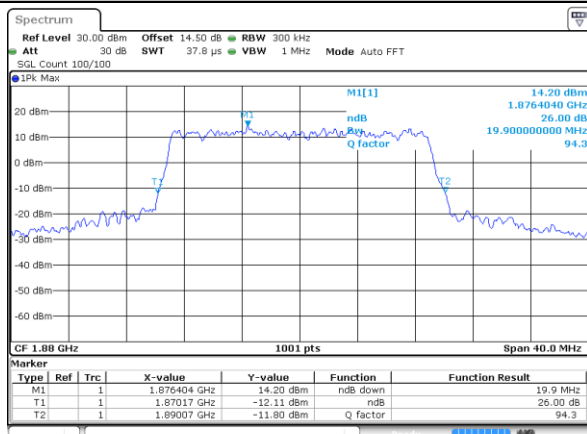
Date: 27 AUG 2024 03:29:41

Middle Channel / 15MHz / 16QAM



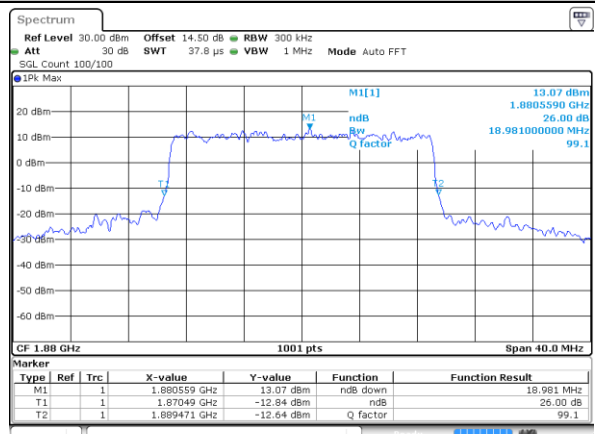
Date: 27 AUG 2024 03:30:20

Middle Channel / 20MHz / QPSK



Date: 27 AUG 2024 03:45:04

Middle Channel / 20MHz / 16QAM



Date: 27 AUG 2024 03:45:43



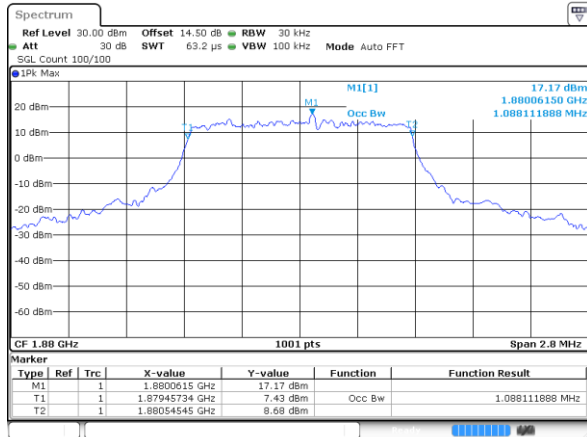
Occupied Bandwidth

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	1.10	2.75	2.76	4.51	4.50	9.01	9.05	13.46	13.43	17.94	17.78



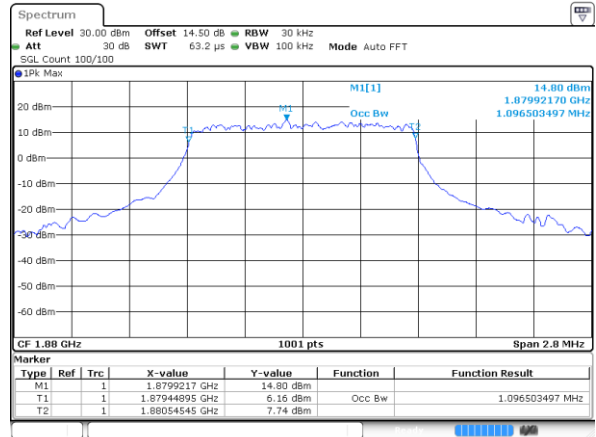
LTE Band 2

Middle Channel / 1.4MHz / QPSK



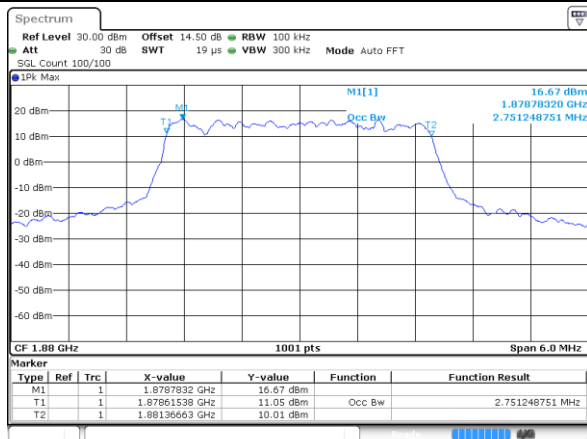
Date: 27 AUG 2024 02:27:08

Middle Channel / 1.4MHz / 16QAM



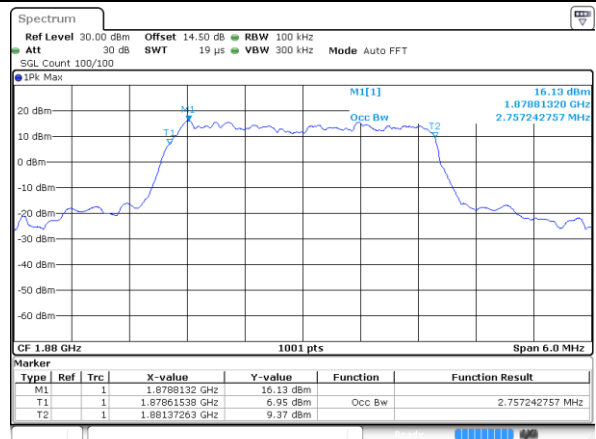
Date: 27 AUG 2024 02:27:47

Middle Channel / 3MHz / QPSK



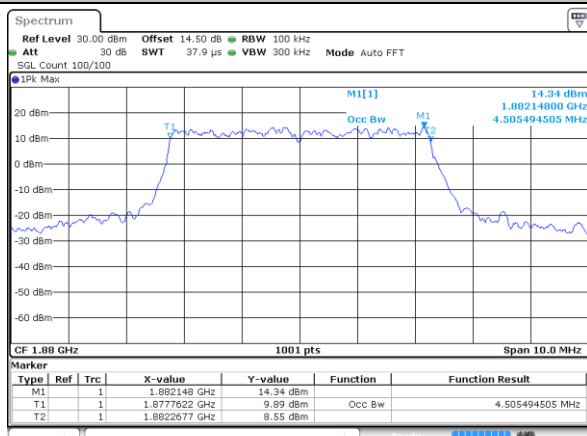
Date: 27 AUG 2024 02:43:04

Middle Channel / 3MHz / 16QAM



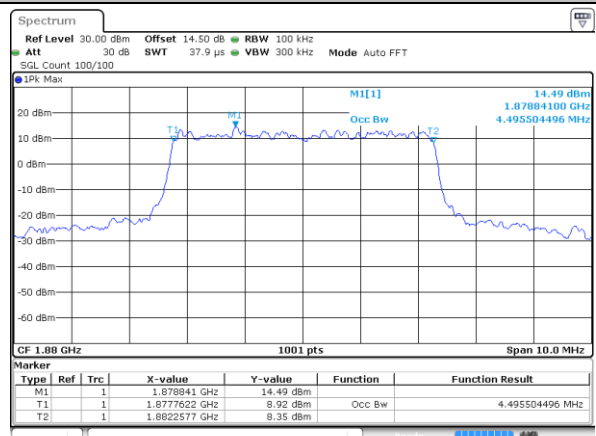
Date: 27 AUG 2024 02:43:43

Middle Channel / 5MHz / QPSK



Date: 27 AUG 2024 02:58:27

Middle Channel / 5MHz / 16QAM

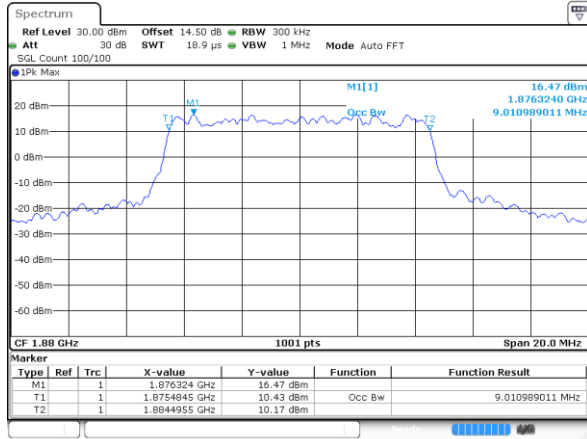


Date: 27 AUG 2024 02:58:07

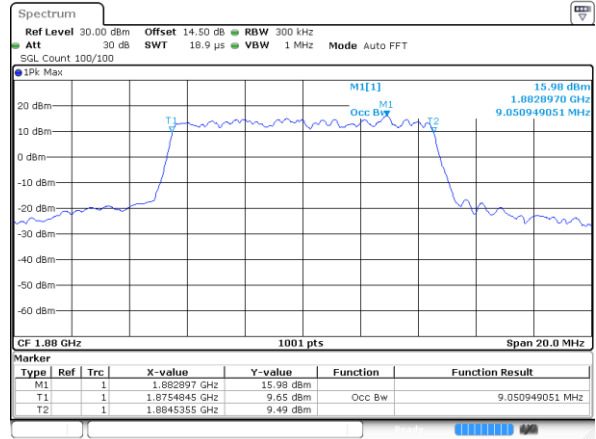


LTE Band 2

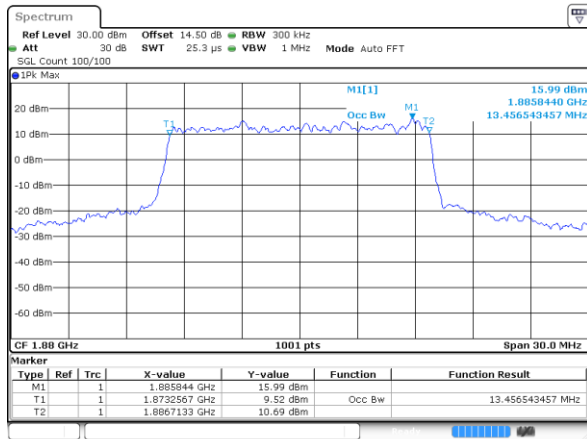
Middle Channel / 10MHz / QPSK



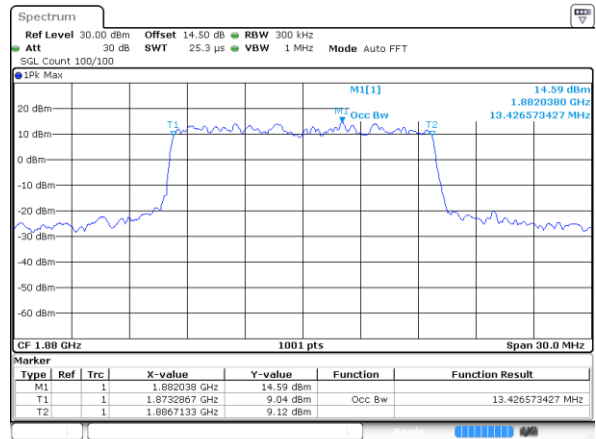
Middle Channel / 10MHz / 16QAM



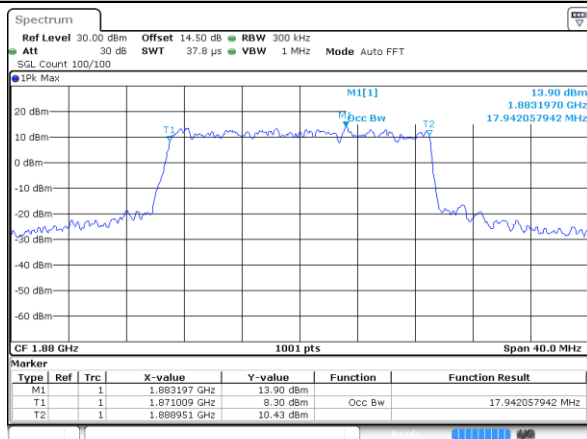
Middle Channel / 15MHz / QPSK



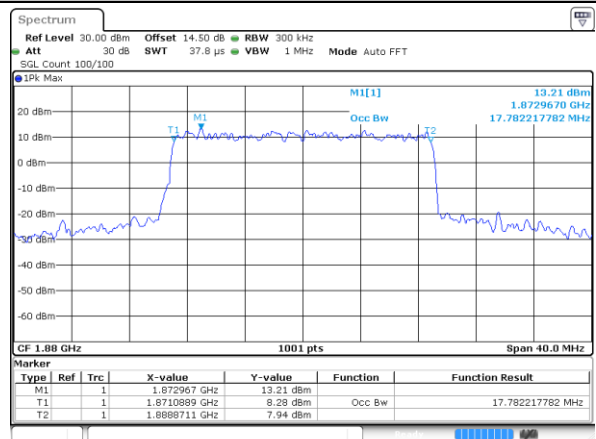
Middle Channel / 15MHz / 16QAM



Middle Channel / 20MHz / QPSK



Middle Channel / 20MHz / 16QAM

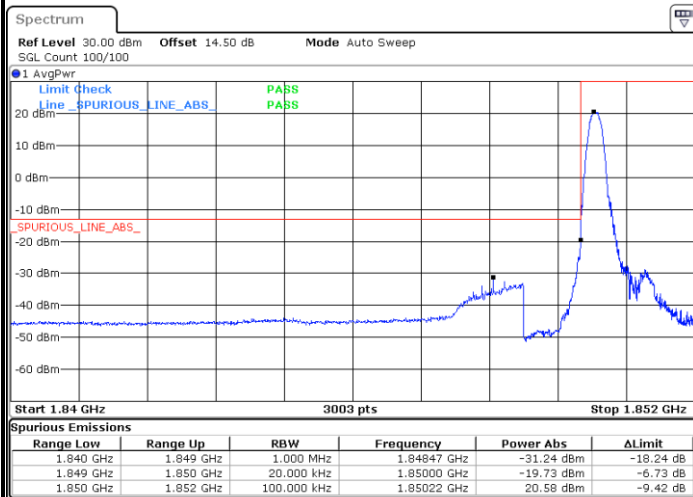




Conducted Band Edge

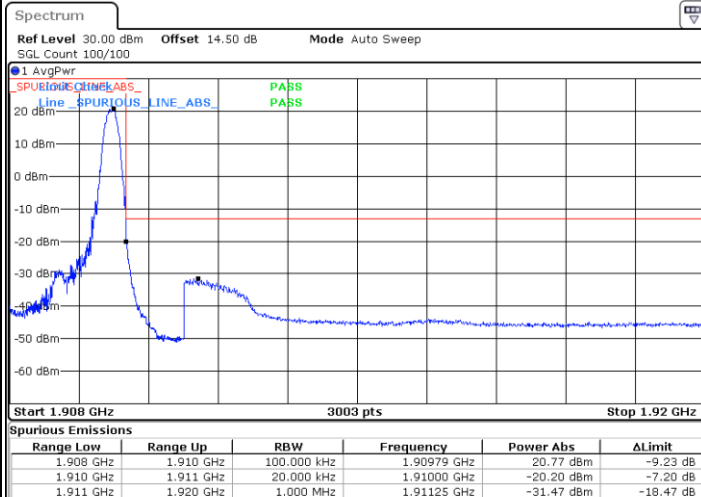
LTE Band 2 / 1.4MHz / QPSK

Lowest Band Edge / 1RB



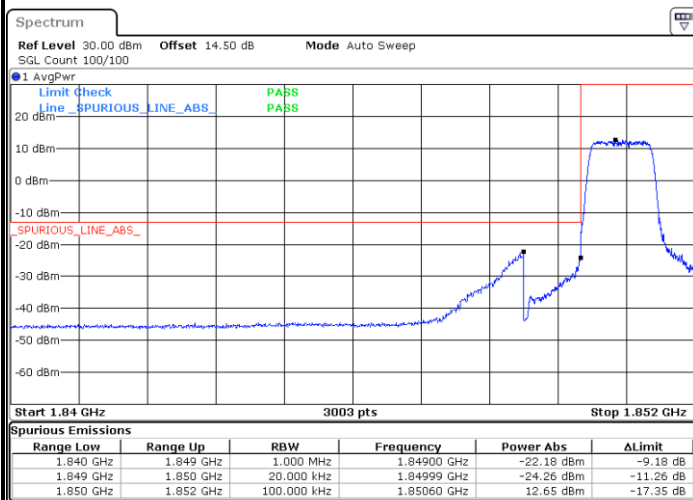
Date: 27 AUG 2024 02:20:04

Highest Band Edge / 1RB



Date: 27 AUG 2024 02:28:46

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:23:46

Highest Band Edge / Full RB

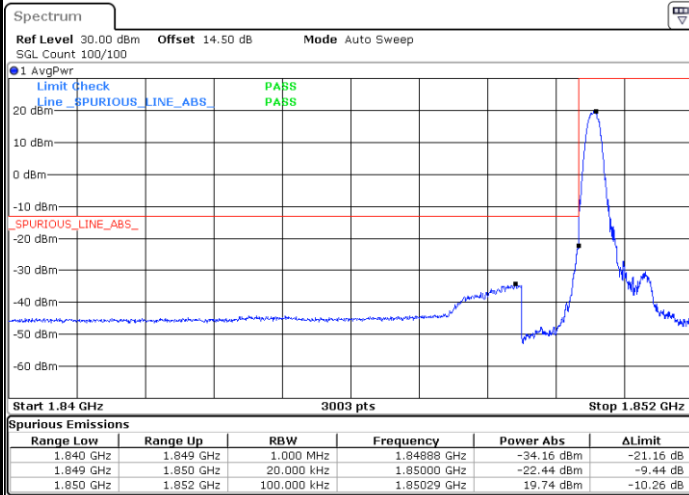


Date: 27 AUG 2024 02:32:28



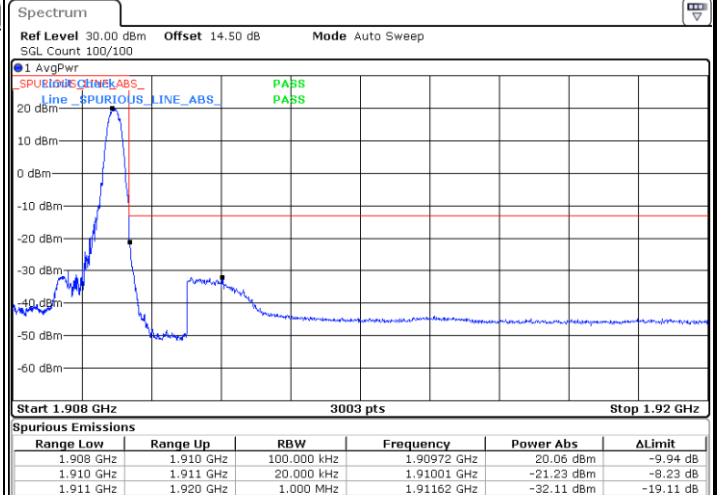
LTE Band 2 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



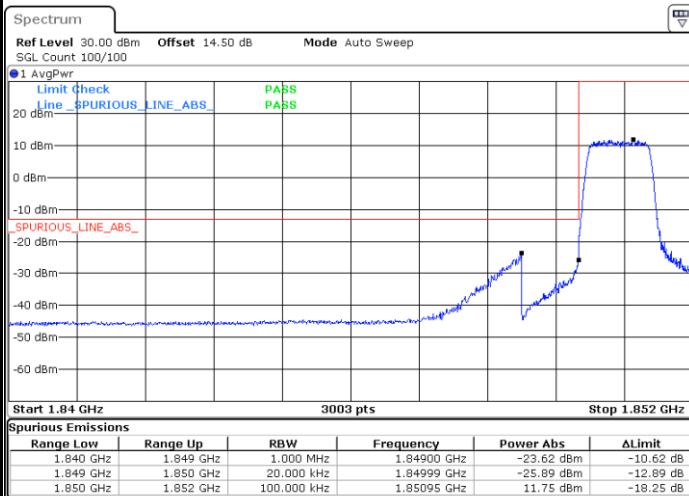
Date: 27 AUG 2024 02:20:49

Highest Band Edge / 1 RB



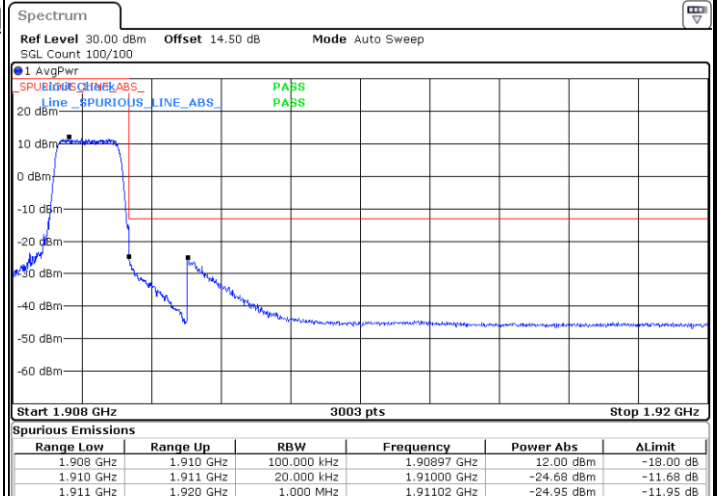
Date: 27 AUG 2024 02:29:31

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:24:31

Highest Band Edge / Full RB

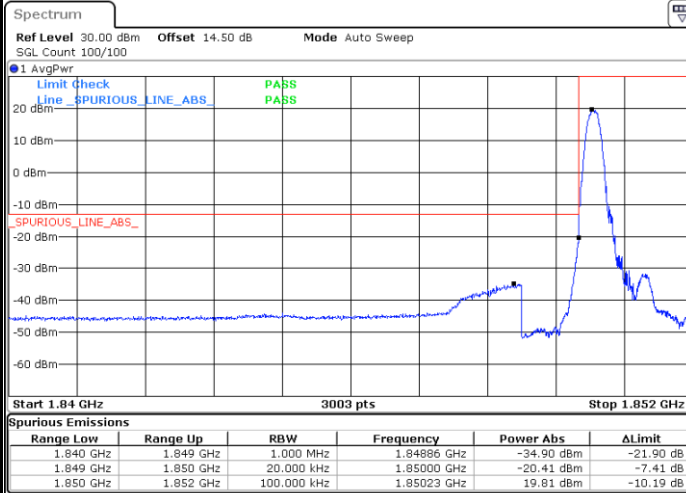


Date: 27 AUG 2024 02:33:14



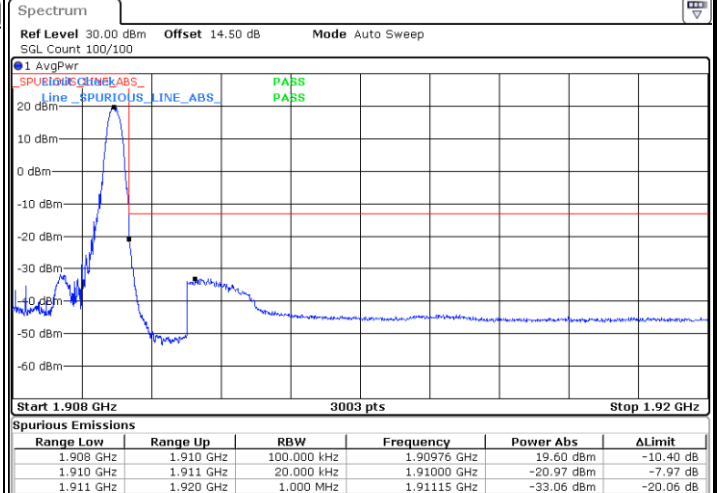
LTE Band 2 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



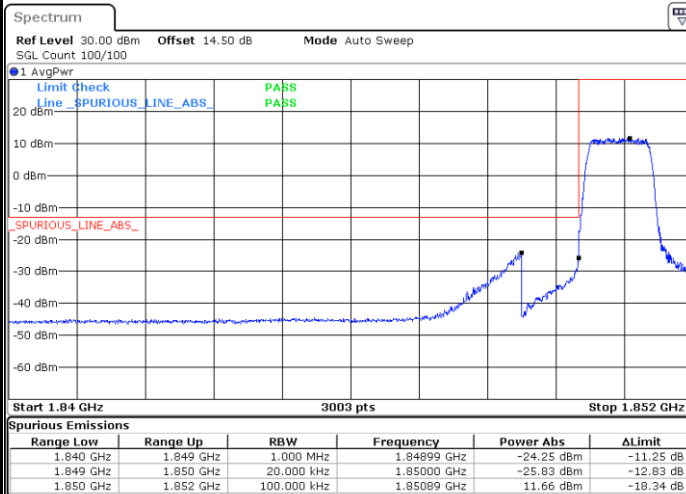
Date: 27 AUG 2024 02:21:35

Highest Band Edge / 1 RB



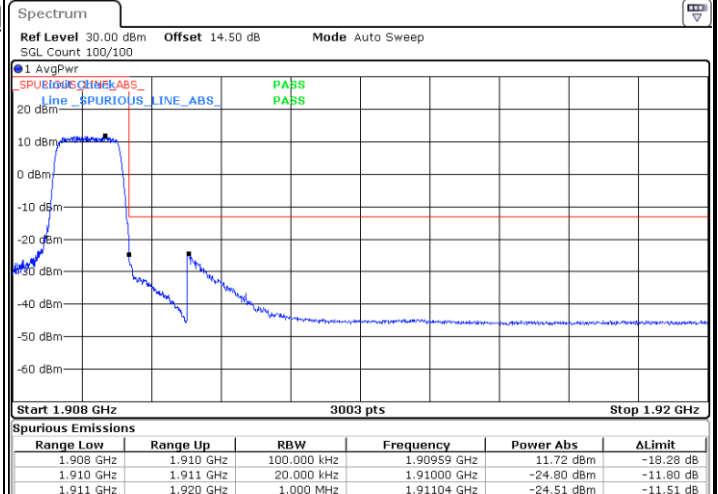
Date: 27 AUG 2024 02:30:17

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:25:17

Highest Band Edge / Full RB

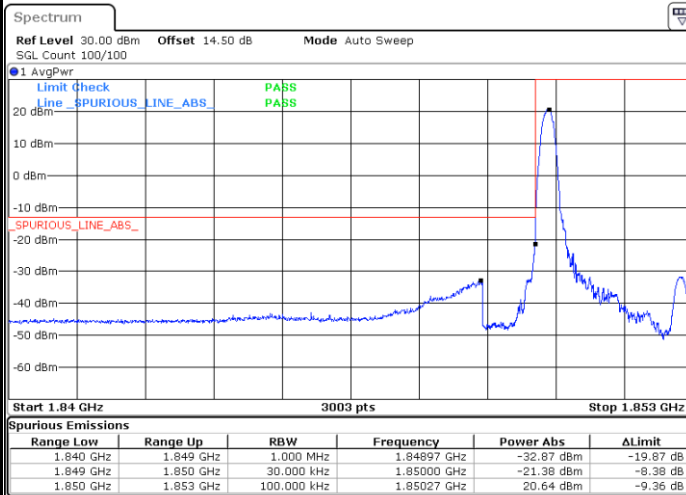


Date: 27 AUG 2024 02:33:59



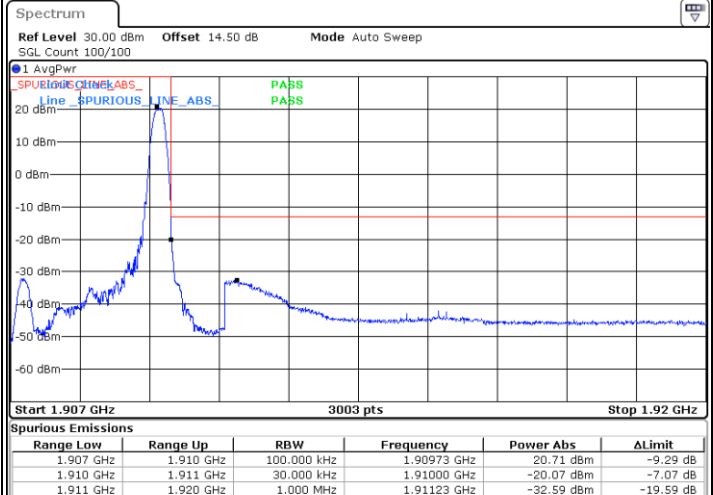
LTE Band 2 / 3MHz / QPSK

Lowest Band Edge / 1RB



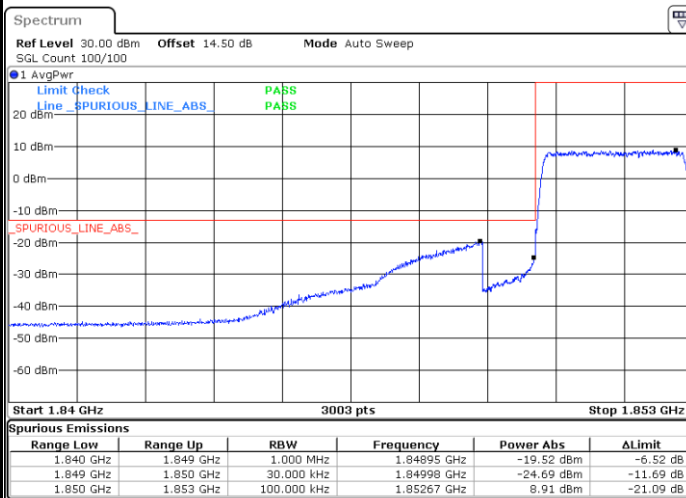
Date: 27 AUG 2024 02:36:00

Highest Band Edge / 1RB



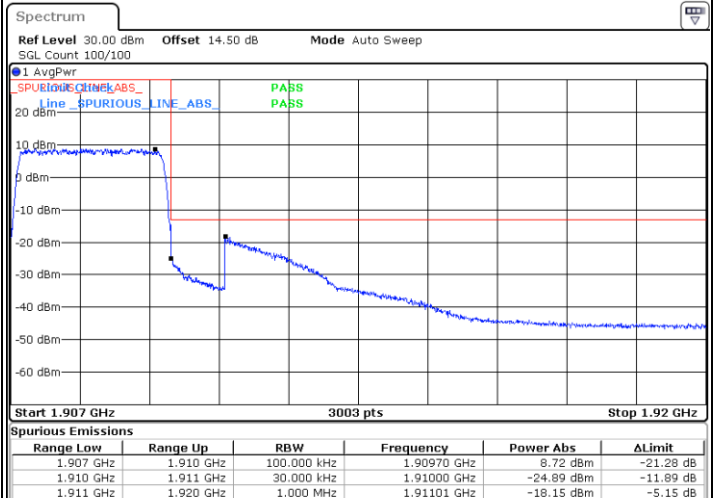
Date: 27 AUG 2024 02:44:42

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:39:42

Highest Band Edge / Full RB

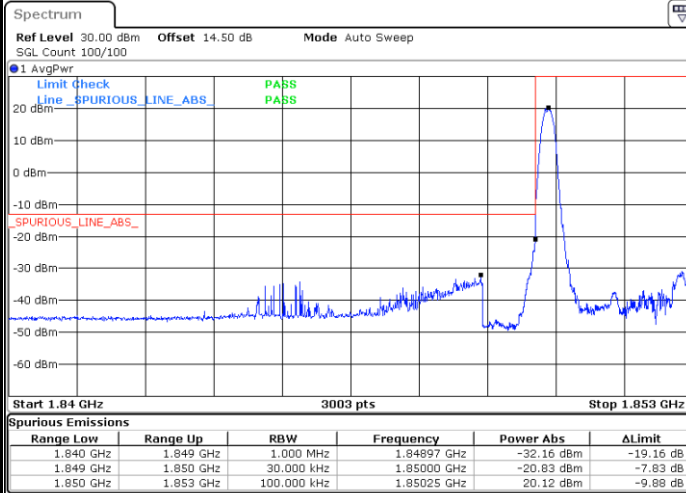


Date: 27 AUG 2024 02:46:59

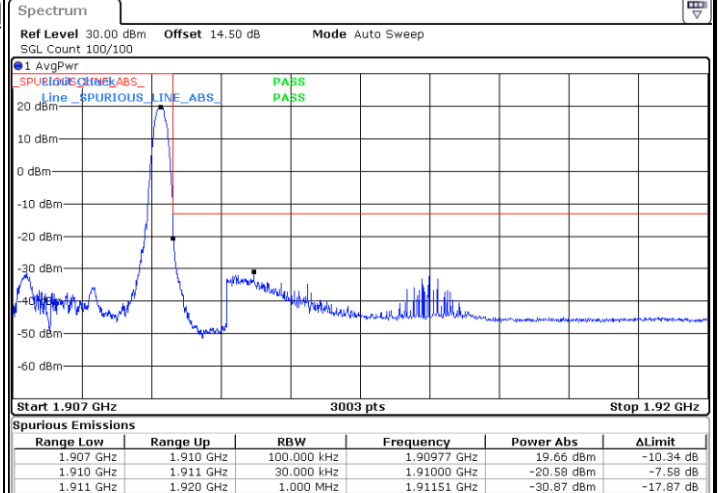


LTE Band 2 / 3MHz / 16QAM

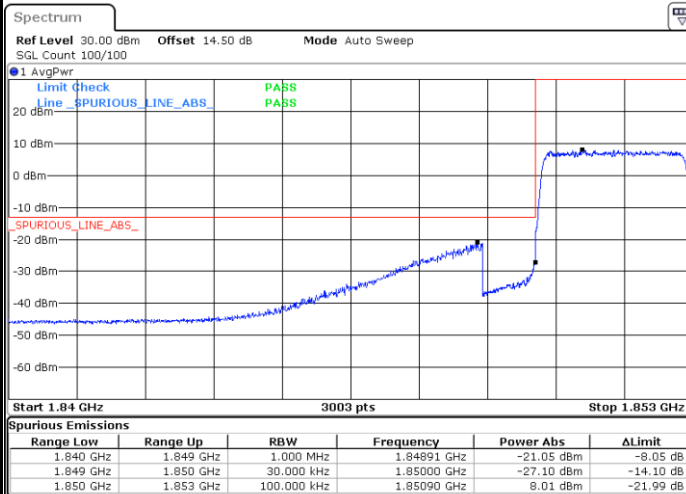
Lowest Band Edge / 1 RB



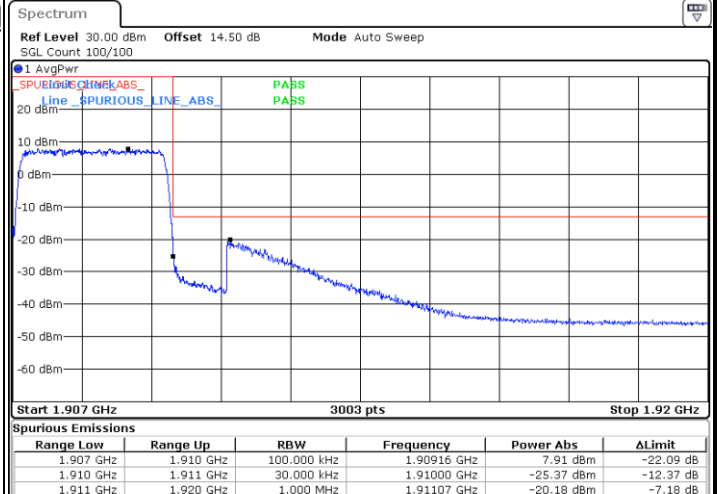
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



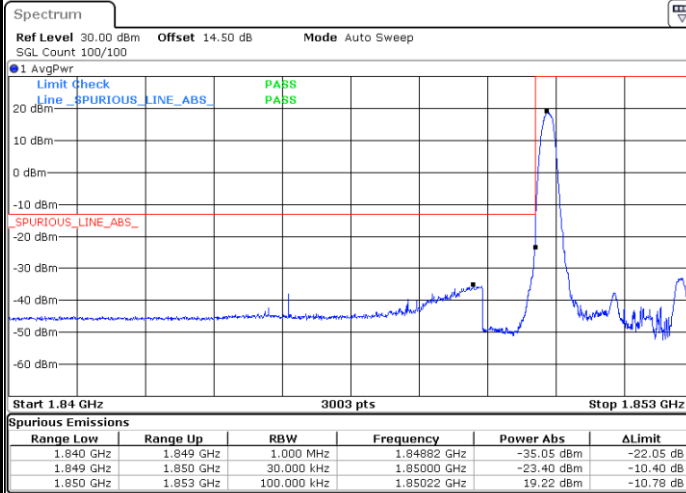
Highest Band Edge / Full RB





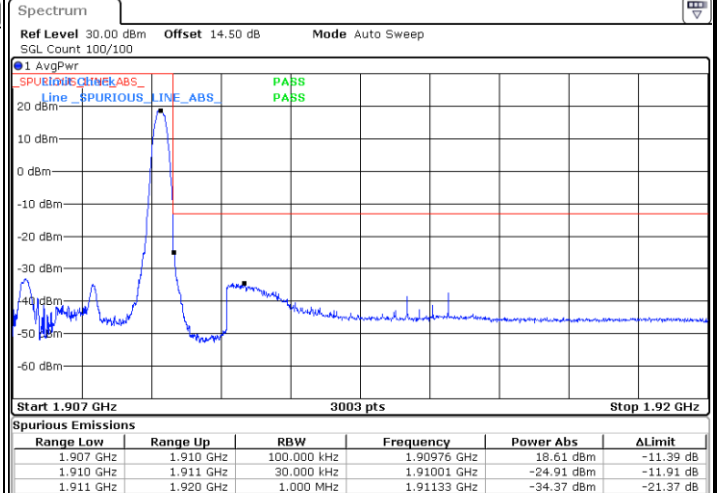
LTE Band 2 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



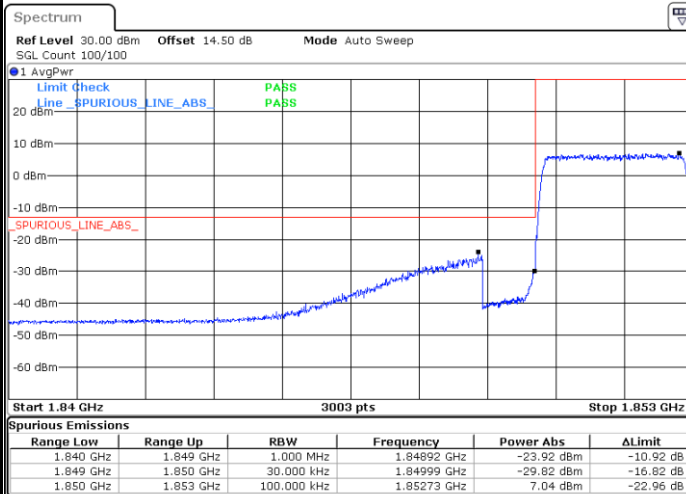
Date: 27 AUG 2024 02:37:32

Highest Band Edge / 1 RB



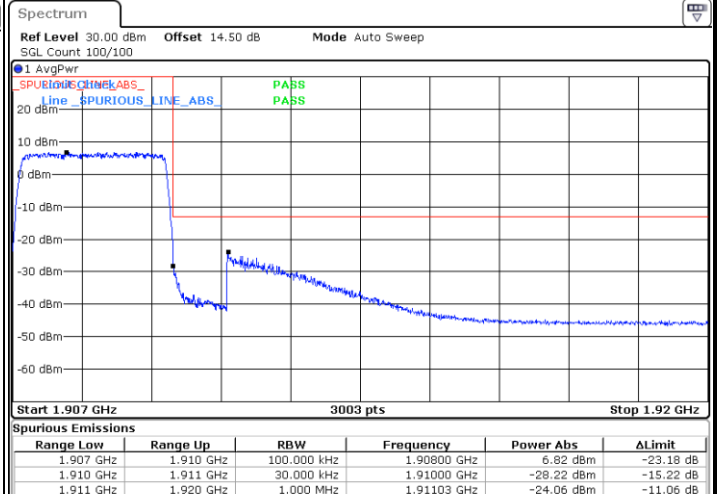
Date: 27 AUG 2024 02:46:13

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:41:13

Highest Band Edge / Full RB

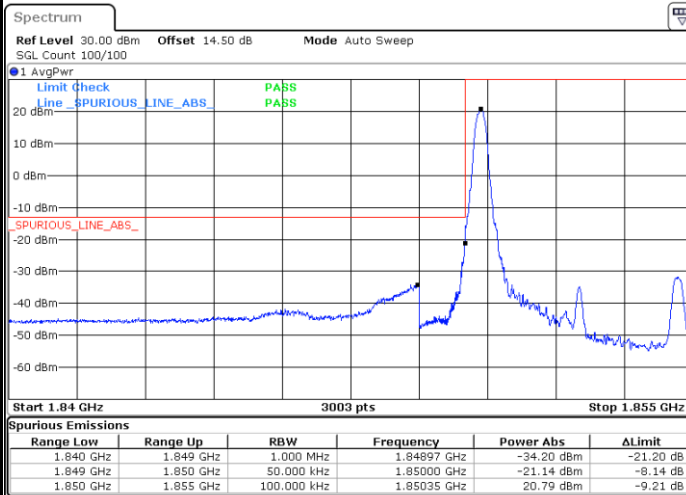


Date: 27 AUG 2024 02:48:30



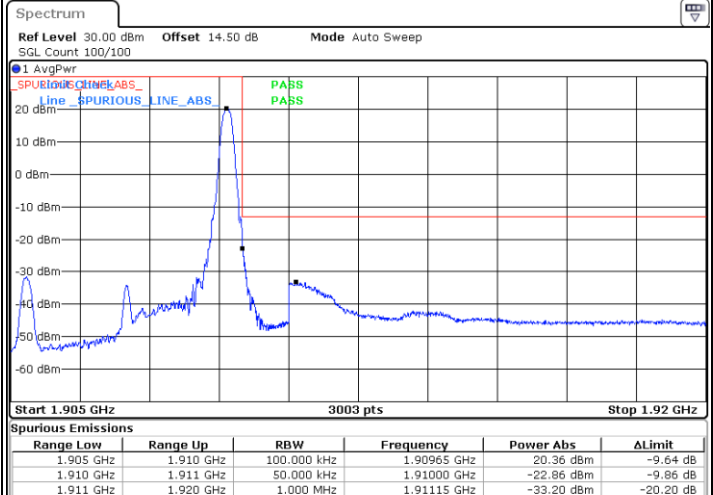
LTE Band 2 / 5MHz / QPSK

Lowest Band Edge / 1RB



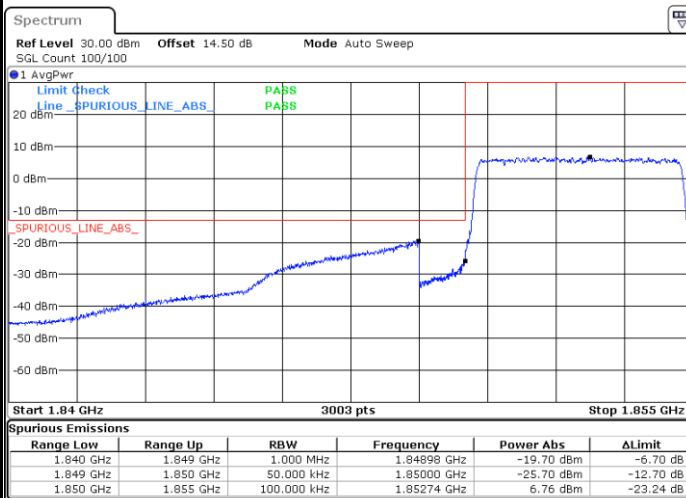
Date: 27 AUG 2024 02:51:24

Highest Band Edge / 1RB



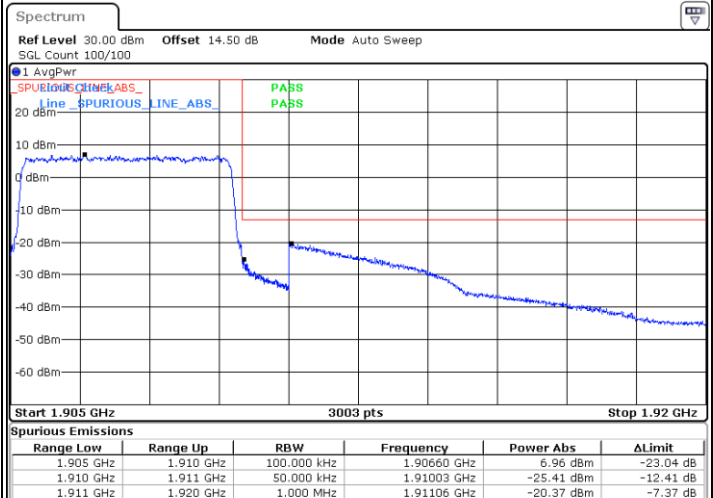
Date: 27 AUG 2024 03:00:05

Lowest Band Edge / Full RB



Date: 27 AUG 2024 02:55:05

Highest Band Edge / Full RB

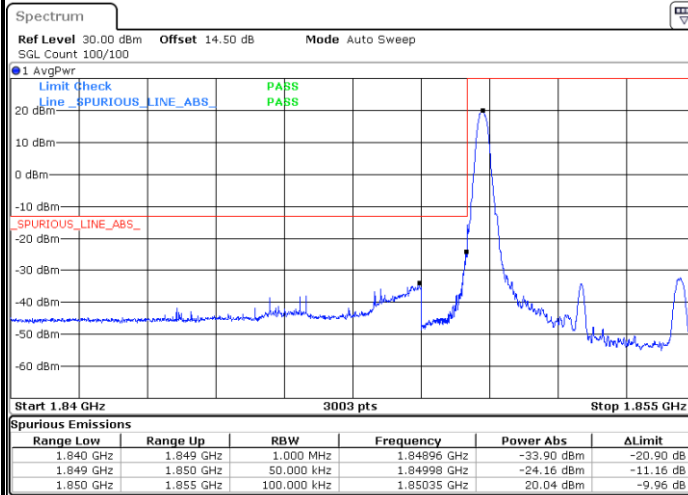


Date: 27 AUG 2024 03:02:22

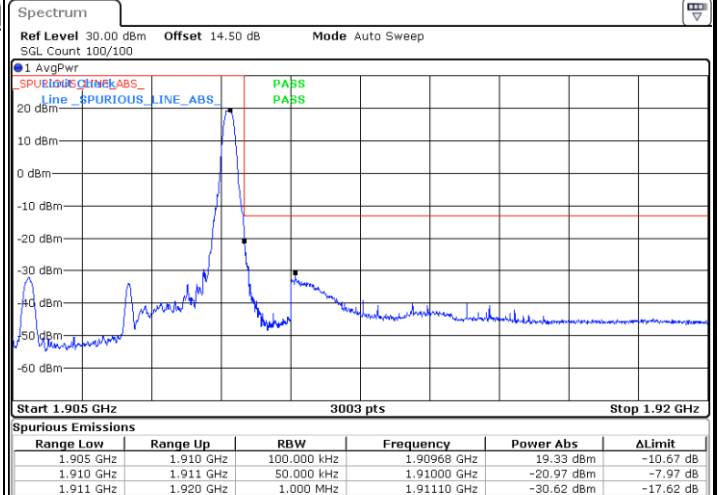


LTE Band 2 / 5MHz / 16QAM

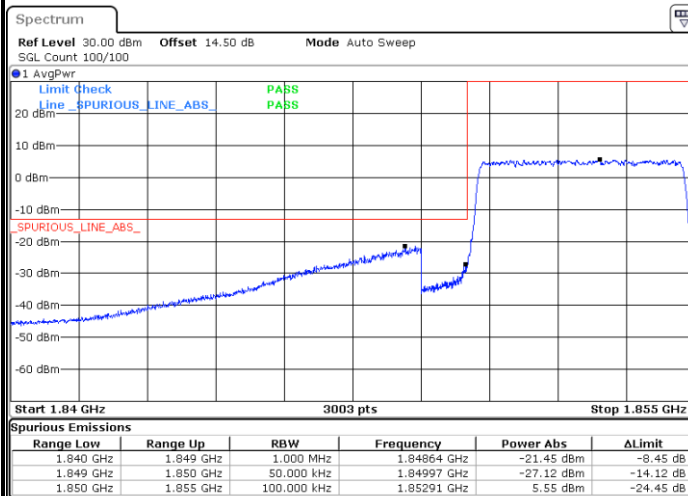
Lowest Band Edge / 1 RB



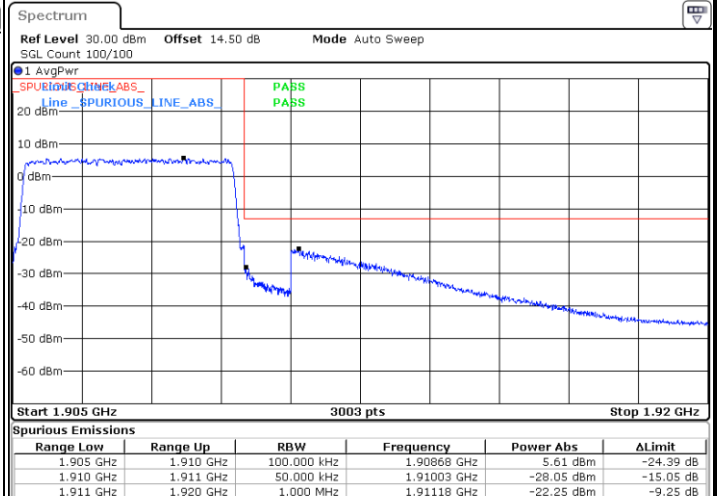
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



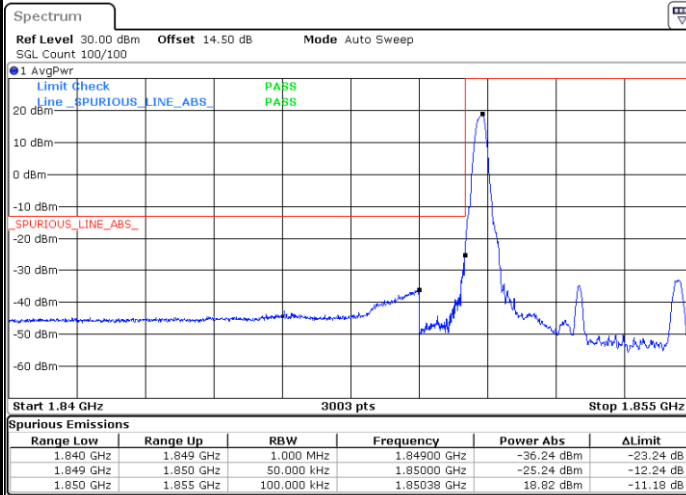
Highest Band Edge / Full RB



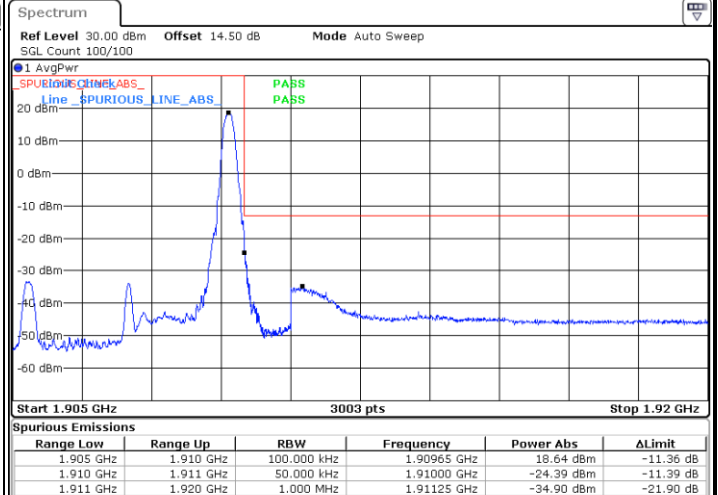


LTE Band 2 / 5MHz / 64QAM

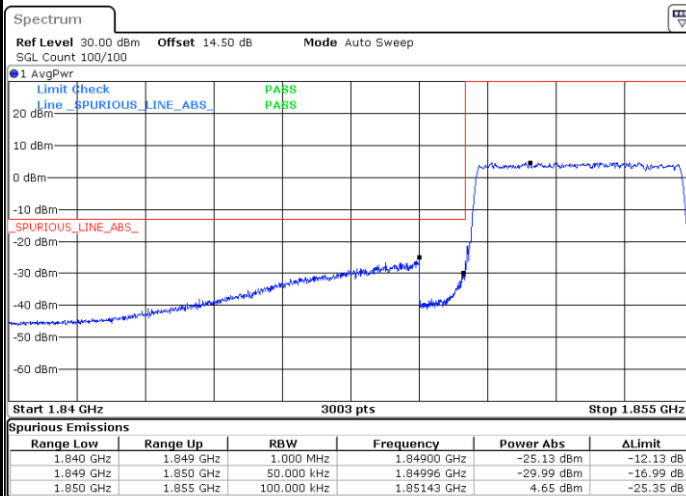
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

