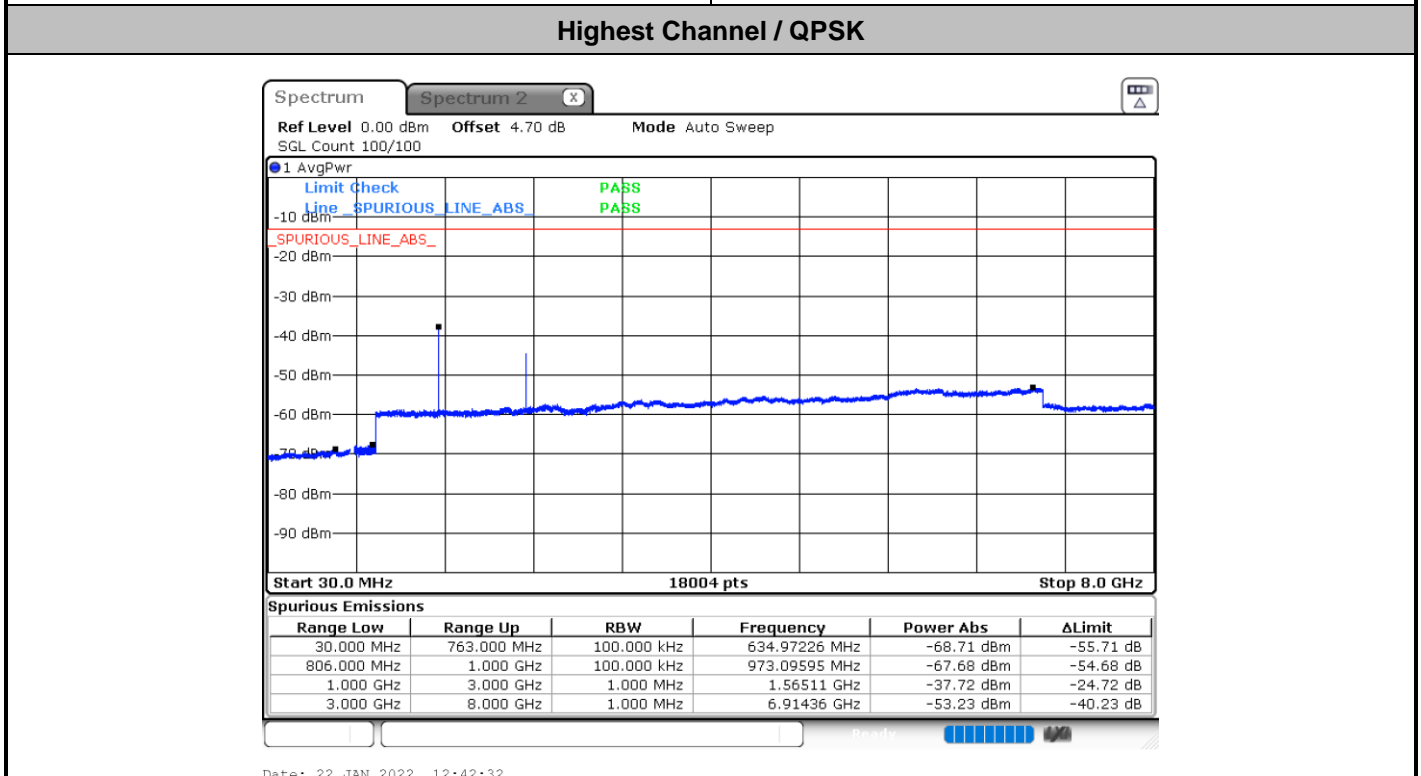
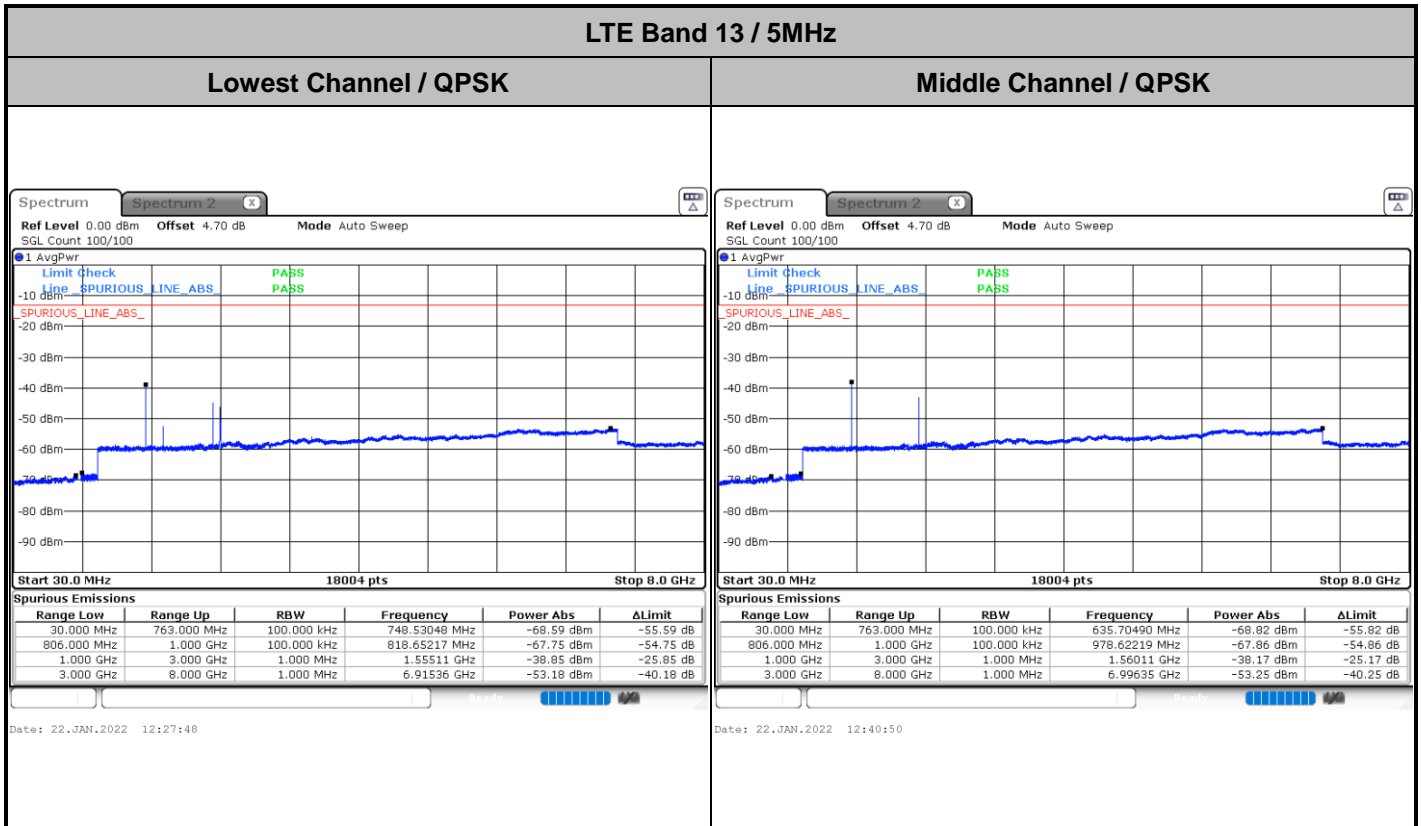




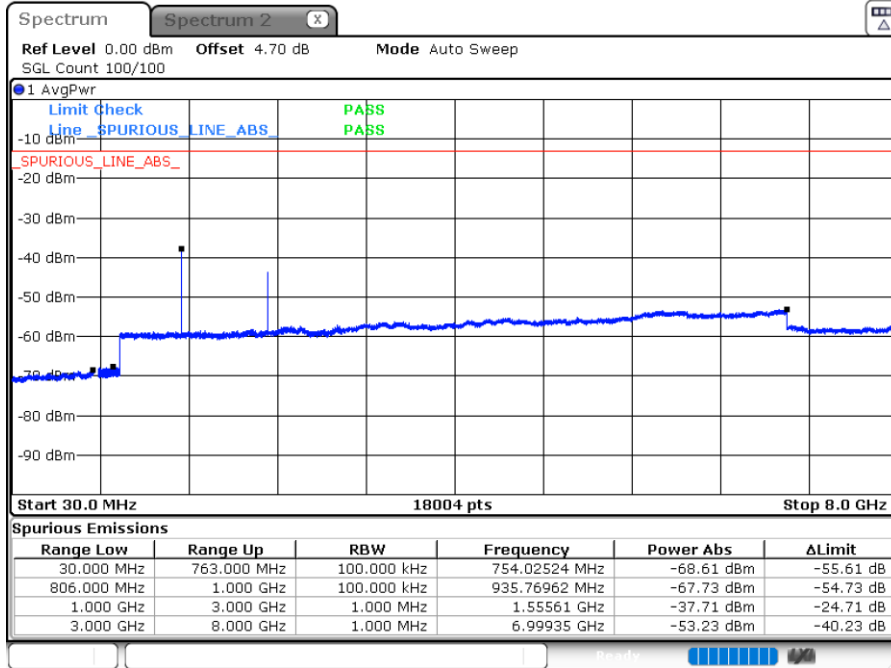
# Conducted Spurious Emission





LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 22 JAN 2022 12:55:28



Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0025	PASS
40	Normal Voltage	0.0022	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0034	
-10	Normal Voltage	0.0005	
-20	Normal Voltage	0.0005	
-30	Normal Voltage	0.0026	
20	Maximum Voltage	0.0001	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0022	

Note:

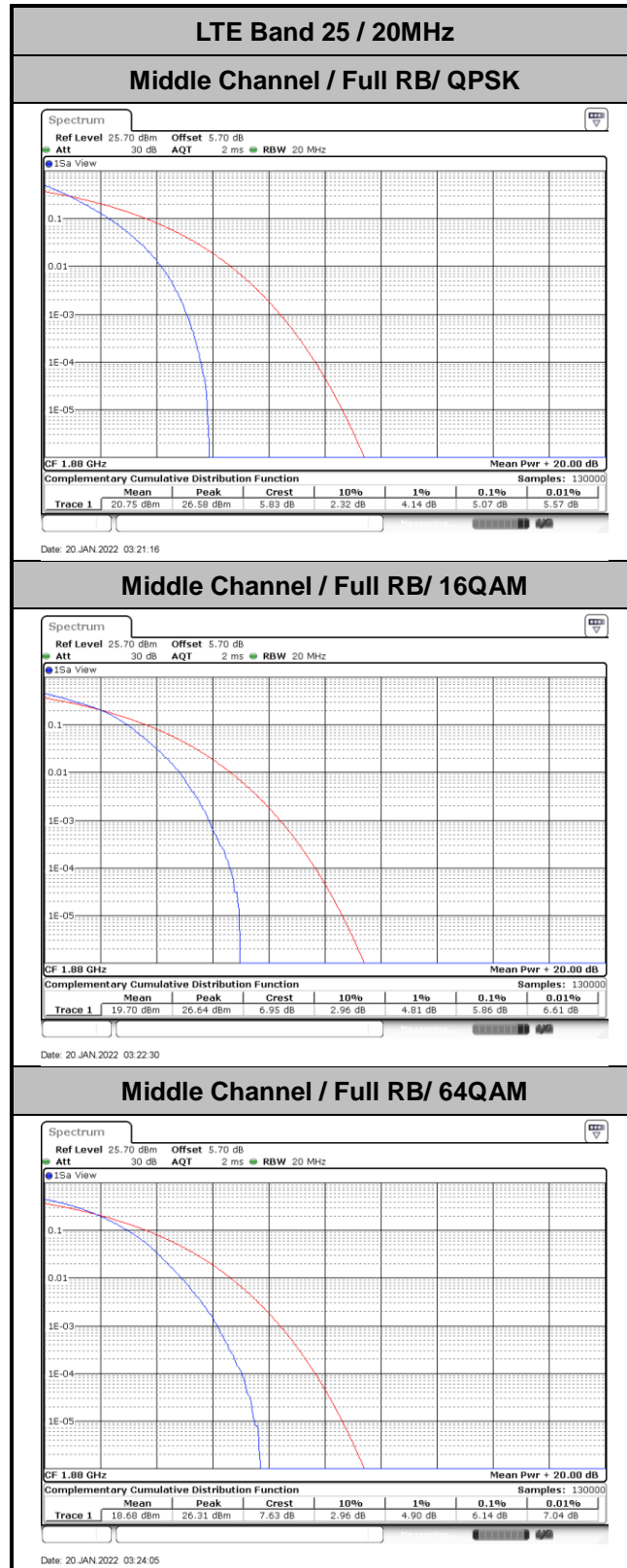
1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 25

### Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz			
Mod.	QPSK	16QAM	64QAM	Limit: 13dB
RB Size	Full RB	Full RB	Full RB	Result
Middle CH	5.07	5.86	6.14	<b>PASS</b>





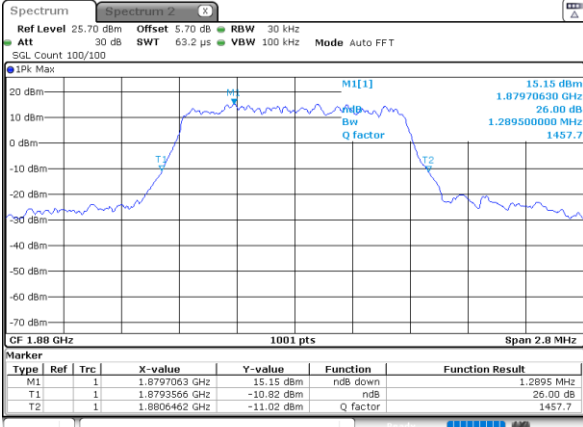
**26dB Bandwidth**

Mode	LTE Band 25 : 26dB BW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.29	1.28
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	3.02	3.01
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	5.01	5.00
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.79	9.83
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	14.54	14.36
Mode	LTE Band 25 : 26dB BW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	18.86	19.18



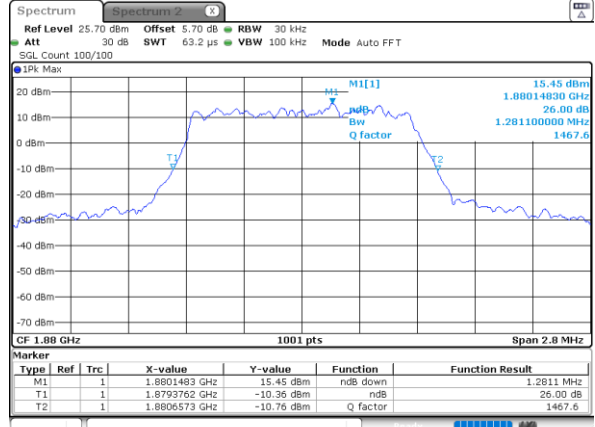
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 22\_JAN,2022 14:19:08

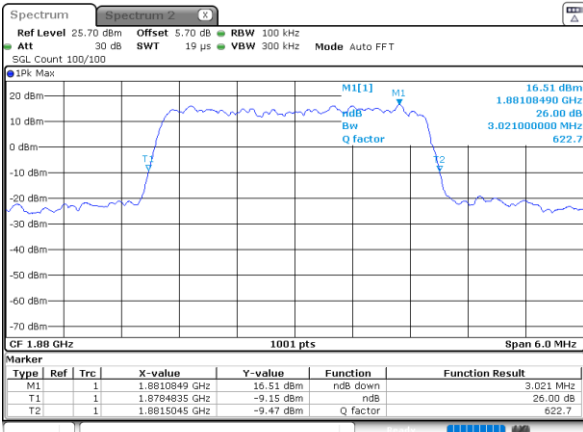
Middle Channel / 1.4MHz / 16QAM



Date: 22\_JAN,2022 14:19:30

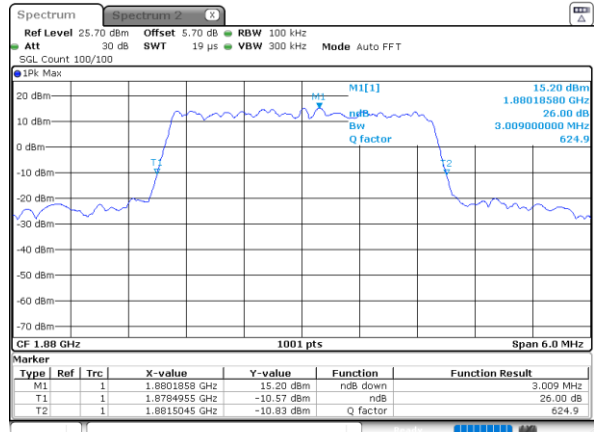
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 22\_JAN,2022 14:20:14

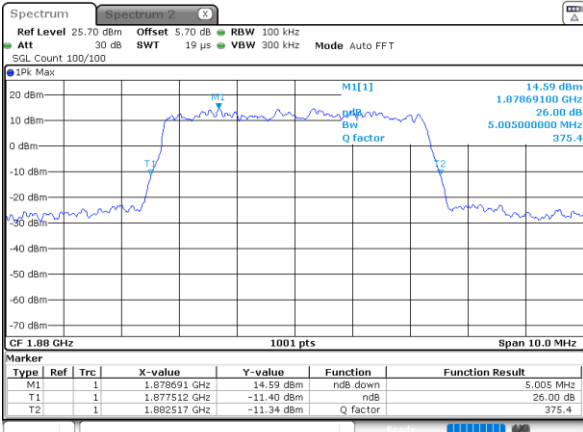
Middle Channel / 3MHz / 16QAM



Date: 22\_JAN,2022 14:19:52

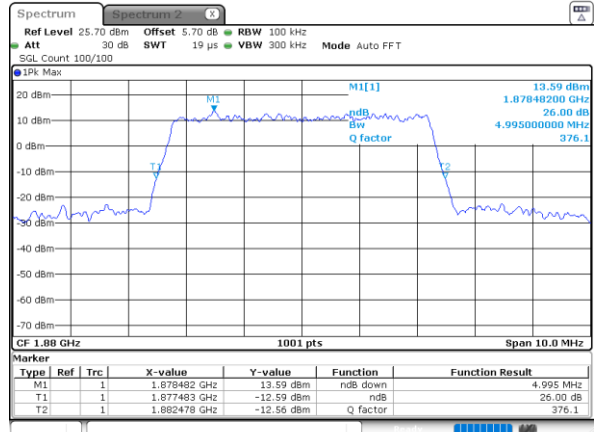
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 22\_JAN,2022 14:20:36

Middle Channel / 5MHz / 16QAM

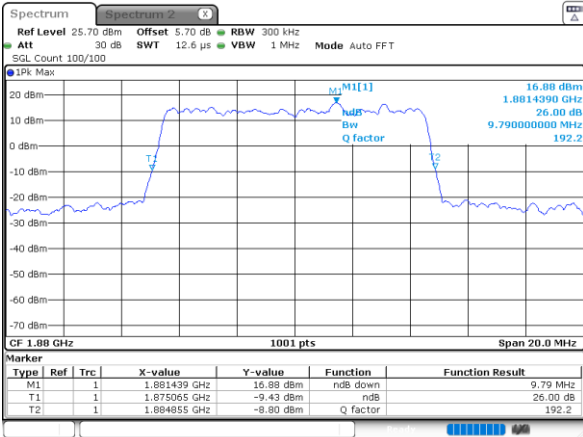


Date: 22\_JAN,2022 14:20:58



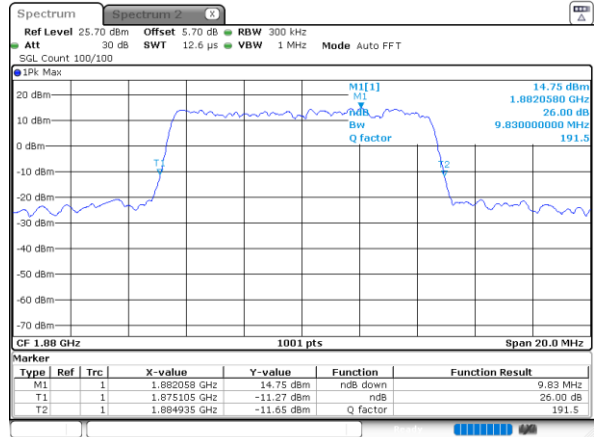
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 22\_JAN\_2022 14:21:42

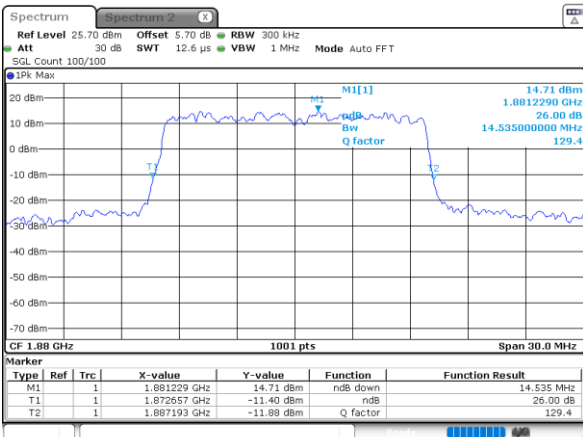
Middle Channel / 10MHz / 16QAM



Date: 22\_JAN\_2022 14:21:120

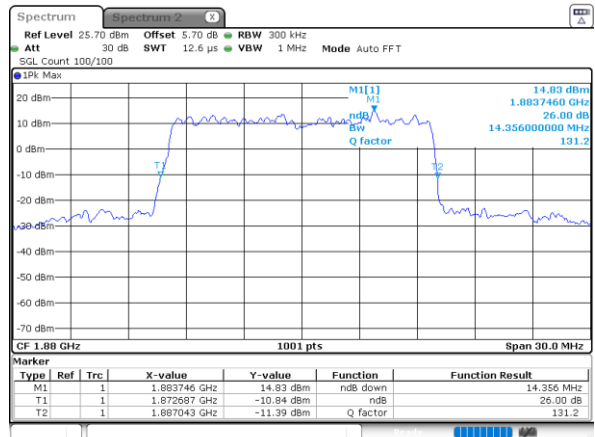
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 22\_JAN\_2022 14:22:04

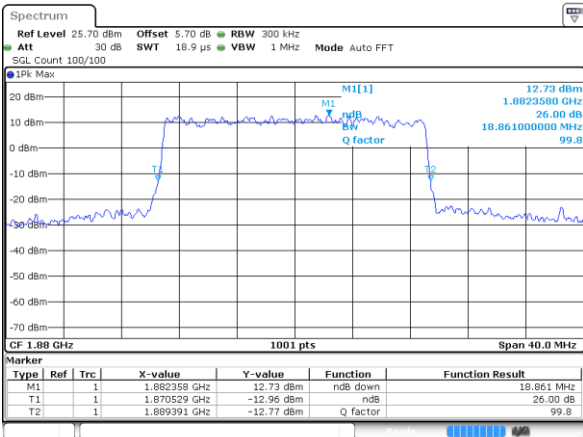
Middle Channel / 15MHz / 16QAM



Date: 22\_JAN\_2022 14:22:126

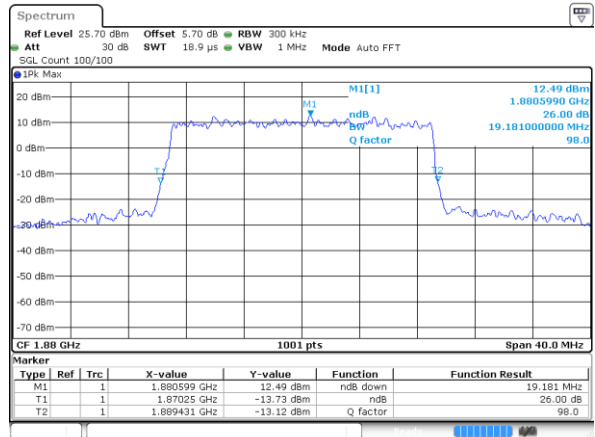
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 20\_JAN\_2022 03:22:05

Middle Channel / 20MHz / 16QAM



Date: 20\_JAN\_2022 03:23:24





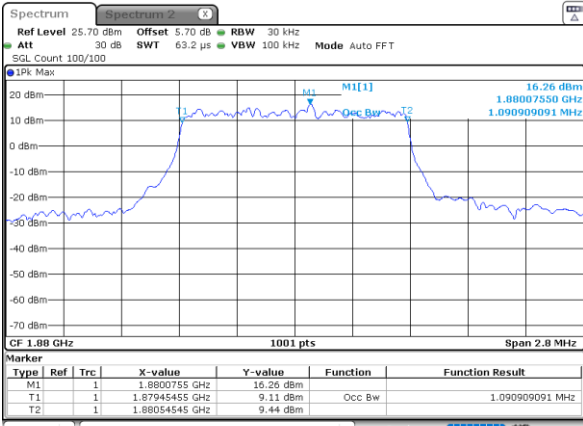
### Occupied Bandwidth

Mode	LTE Band 25 : 99%OBW(MHz)	
BW	1.4MHz	
Mod.	QPSK	16QAM
Middle CH	1.09	1.09
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	3MHz	
Mod.	QPSK	16QAM
Middle CH	2.72	2.74
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	5MHz	
Mod.	QPSK	16QAM
Middle CH	4.50	4.51
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	10MHz	
Mod.	QPSK	16QAM
Middle CH	9.07	9.01
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	15MHz	
Mod.	QPSK	16QAM
Middle CH	13.43	13.46
Mode	LTE Band 25 : 99%OBW(MHz)	
BW	20MHz	
Mod.	QPSK	16QAM
Middle CH	17.82	17.94



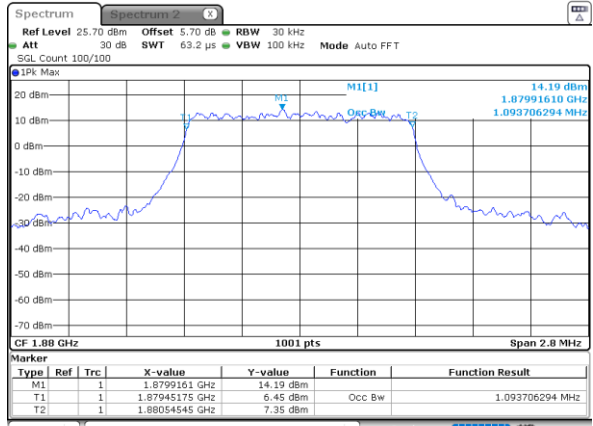
LTE Band 25

Middle Channel / 1.4MHz / QPSK



Date: 22\_JAN,2022 14:10:37

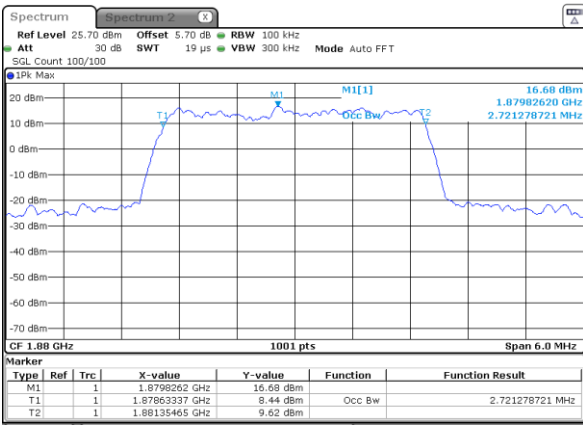
Middle Channel / 1.4MHz / 16QAM



Date: 22\_JAN,2022 14:10:59

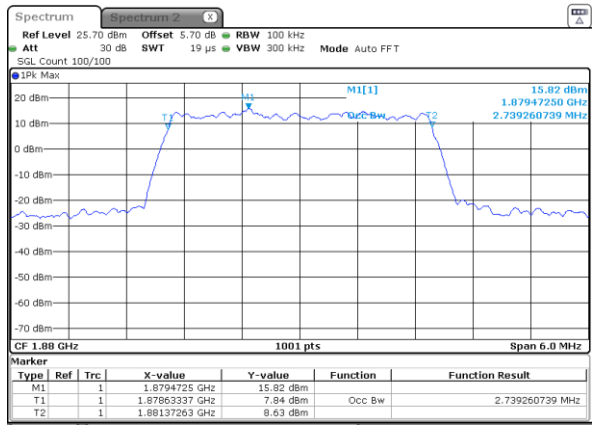
LTE Band 25

Middle Channel / 3MHz / QPSK



Date: 22\_JAN,2022 14:11:43

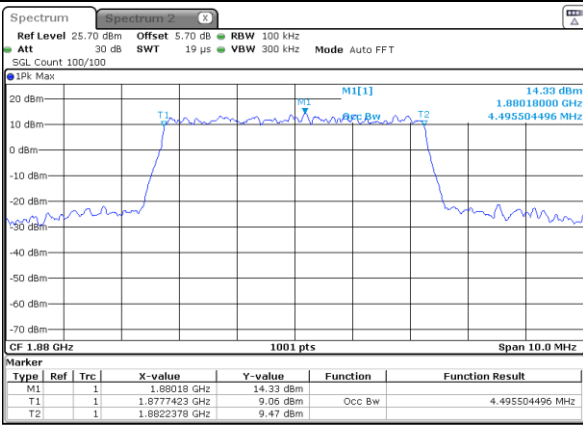
Middle Channel / 3MHz / 16QAM



Date: 22\_JAN,2022 14:11:21

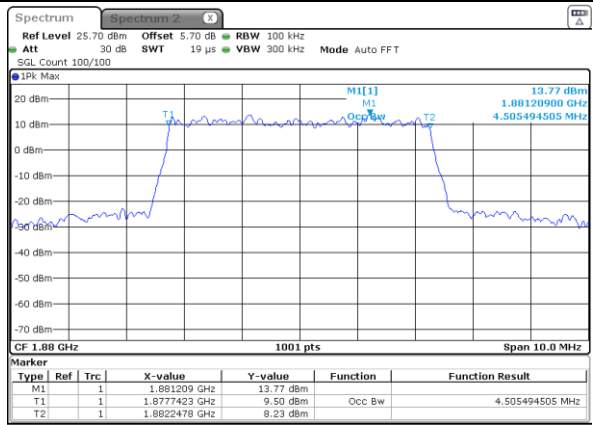
LTE Band 25

Middle Channel / 5MHz / QPSK



Date: 22\_JAN,2022 14:12:05

Middle Channel / 5MHz / 16QAM

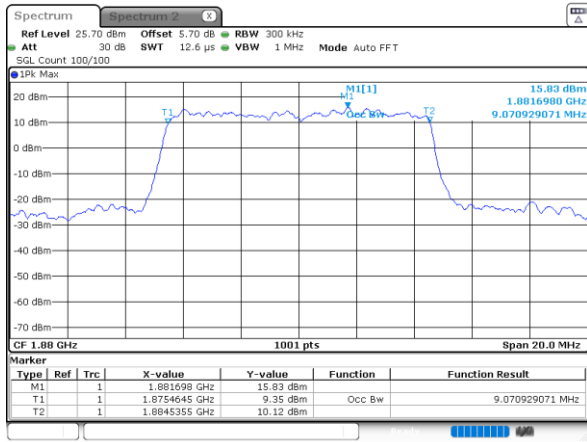


Date: 22\_JAN,2022 14:12:27



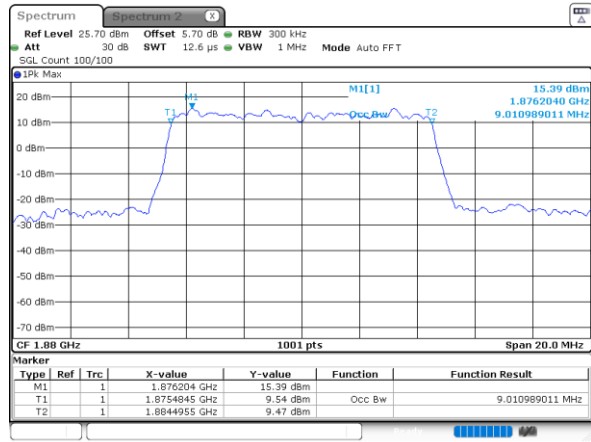
LTE Band 25

Middle Channel / 10MHz / QPSK



Date: 22\_JAN\_2022 14:13:10

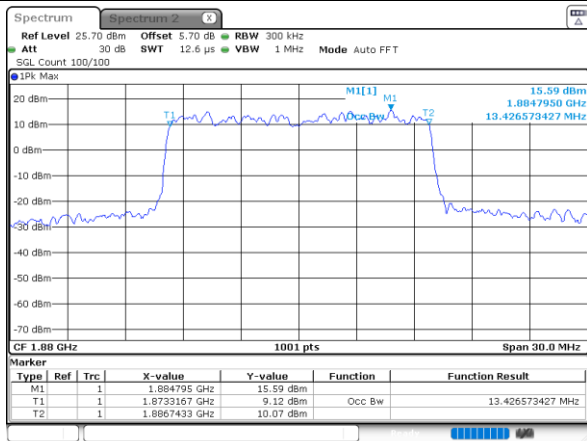
Middle Channel / 10MHz / 16QAM



Date: 22\_JAN\_2022 14:11:49

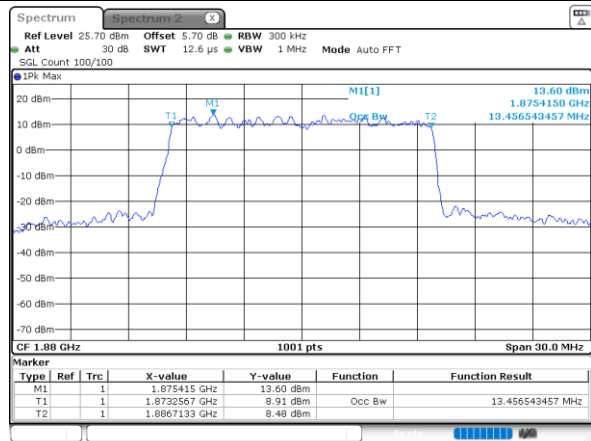
LTE Band 25

Middle Channel / 15MHz / QPSK



Date: 22\_JAN\_2022 14:13:33

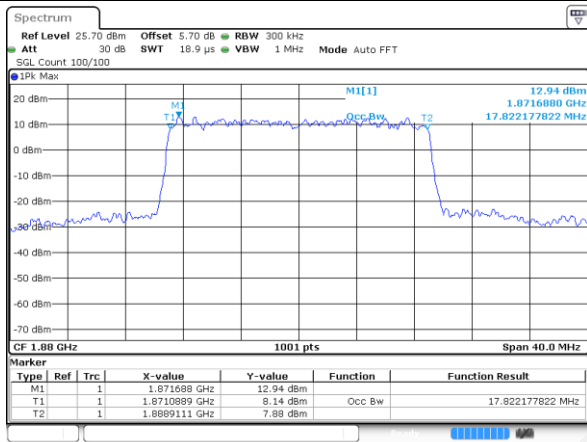
Middle Channel / 15MHz / 16QAM



Date: 22\_JAN\_2022 14:13:55

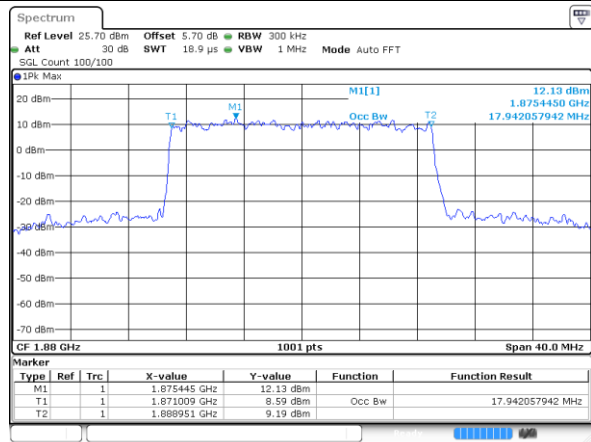
LTE Band 25

Middle Channel / 20MHz / QPSK



Date: 20\_JAN\_2022 03:21:43

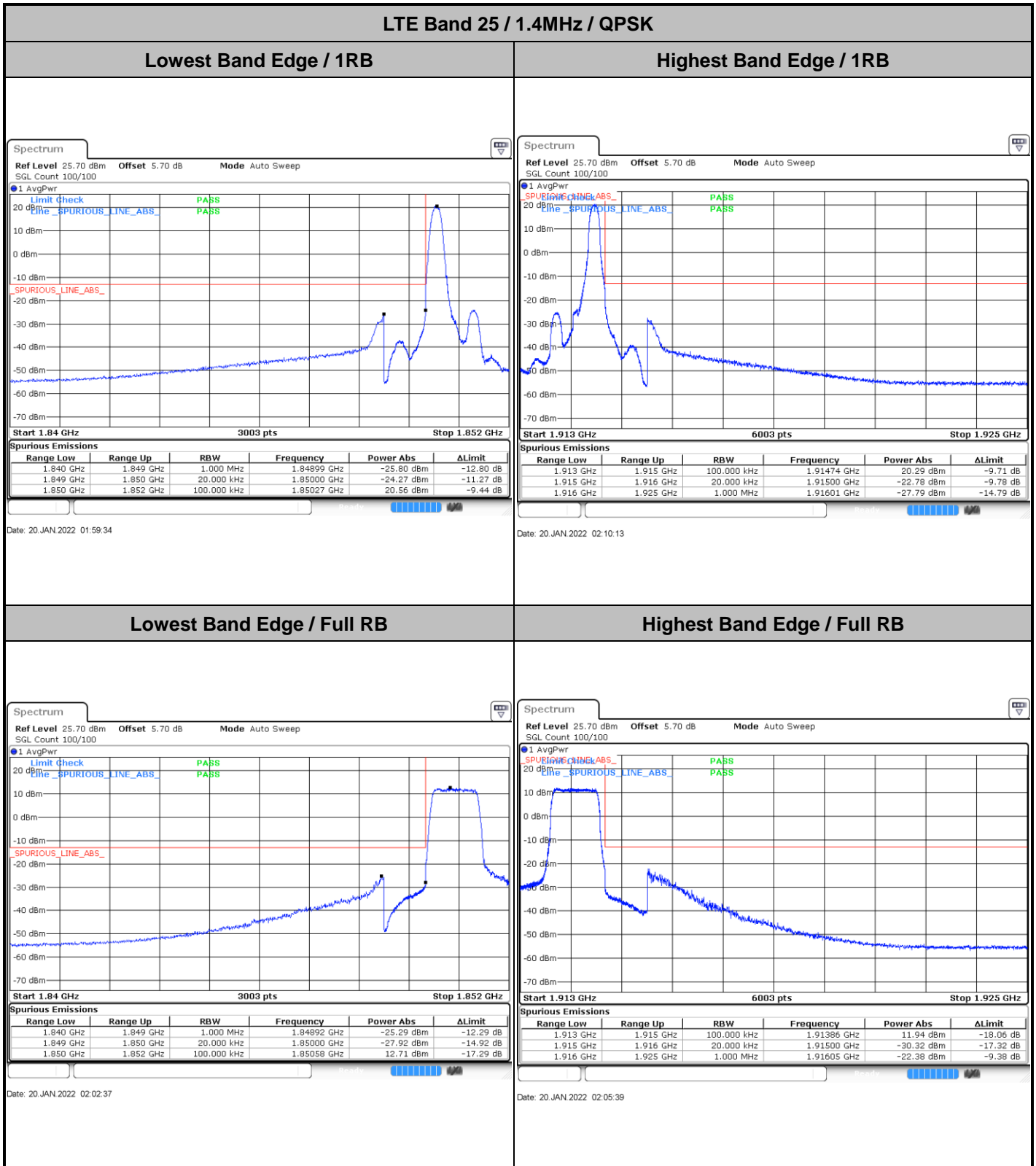
Middle Channel / 20MHz / 16QAM



Date: 20\_JAN\_2022 03:22:57



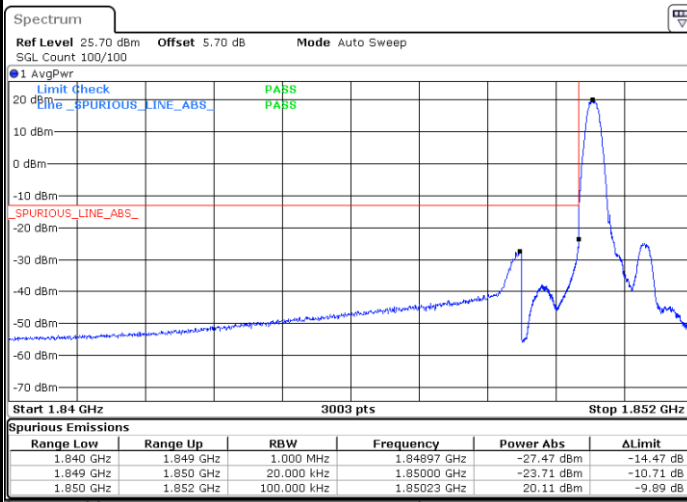
# Conducted Band Edge





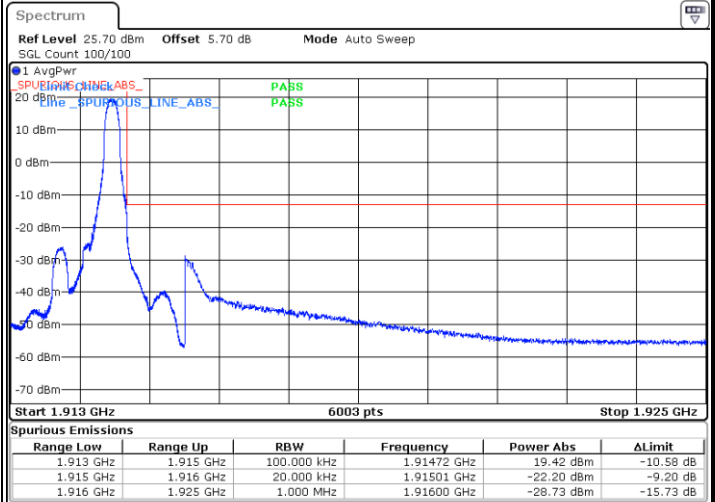
LTE Band 25 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



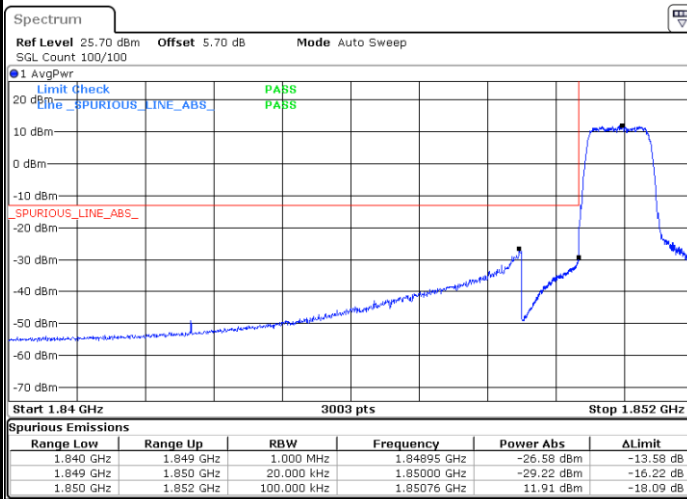
Date: 20 JAN 2022 02:01:06

Highest Band Edge / 1 RB



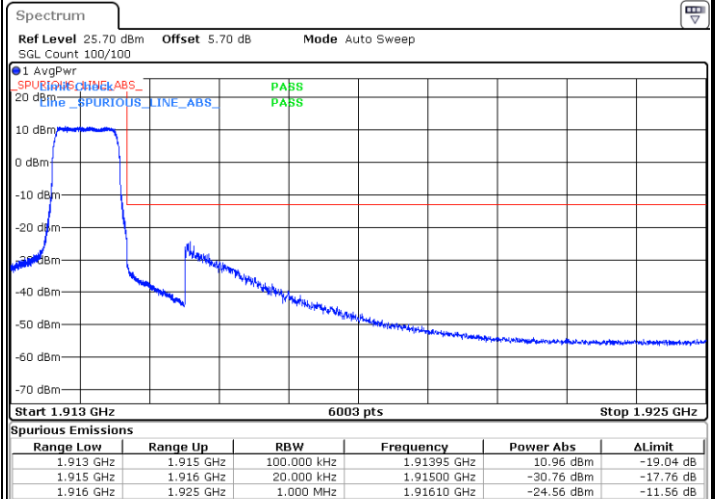
Date: 20 JAN 2022 02:08:42

Lowest Band Edge / Full RB



Date: 20 JAN 2022 02:04:08

Highest Band Edge / Full RB

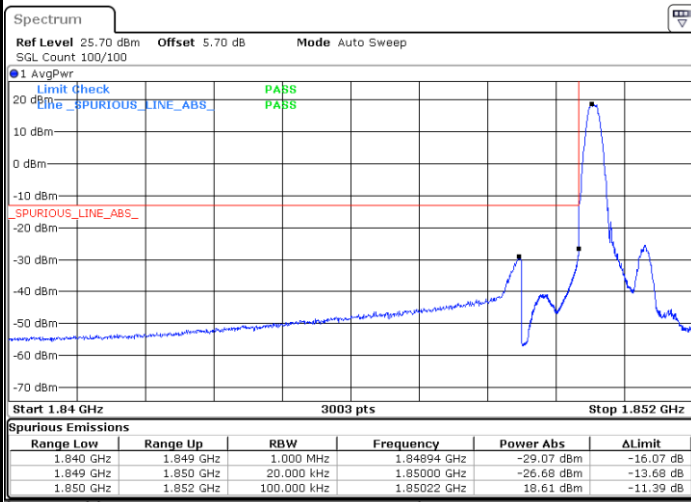


Date: 20 JAN 2022 02:07:10



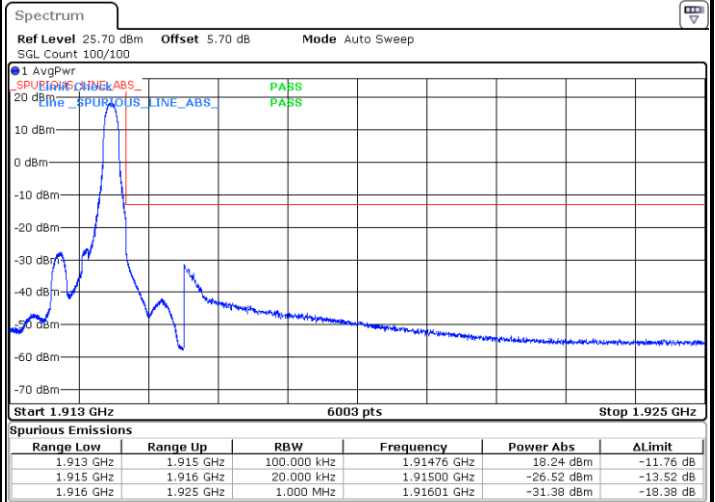
LTE Band 25 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



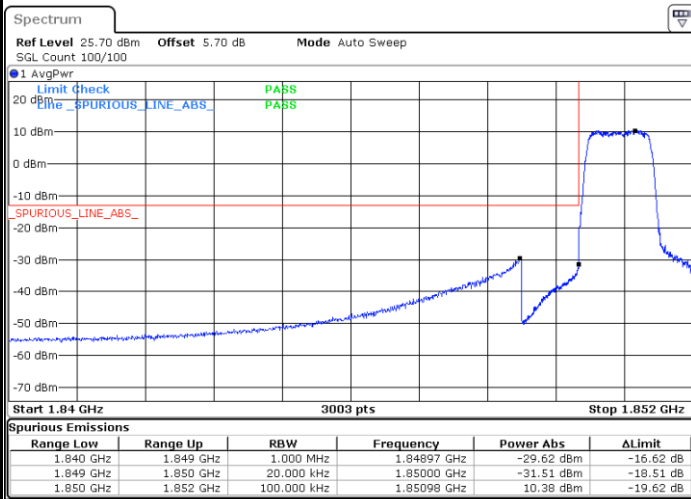
Date: 20 JAN 2022 02:11:44

Highest Band Edge / 1 RB



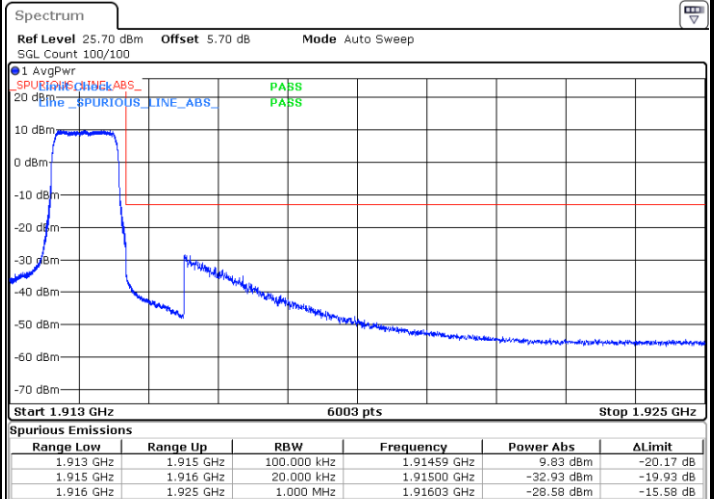
Date: 20 JAN 2022 02:16:18

Lowest Band Edge / Full RB



Date: 20 JAN 2022 02:13:15

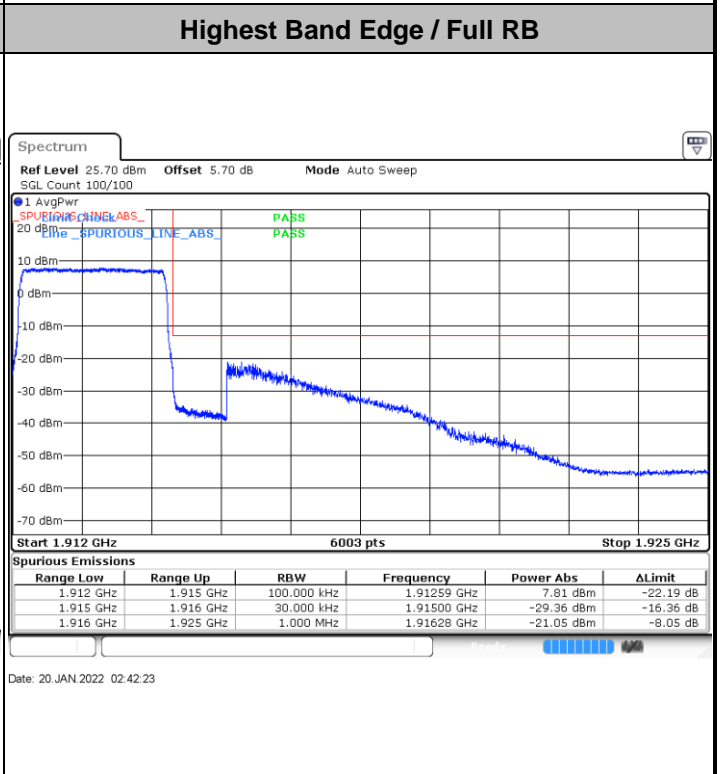
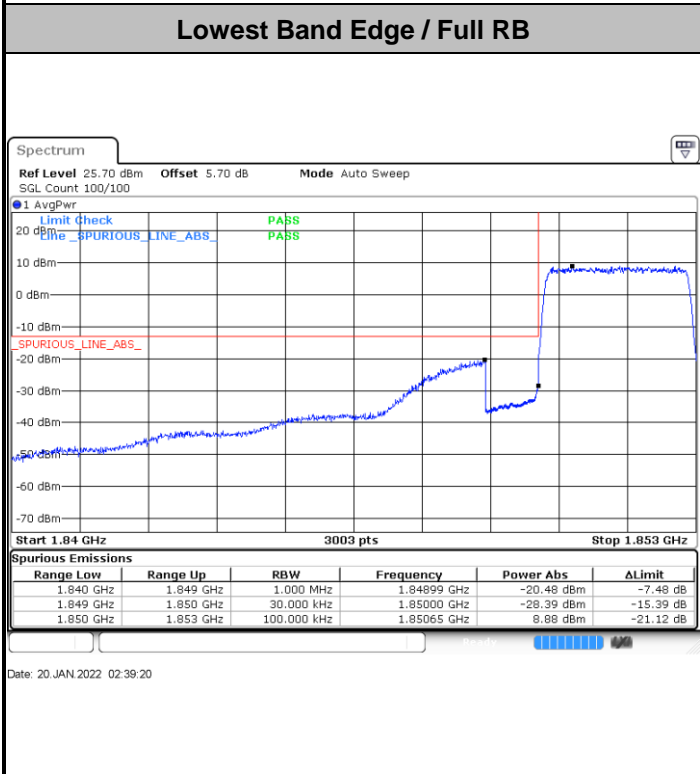
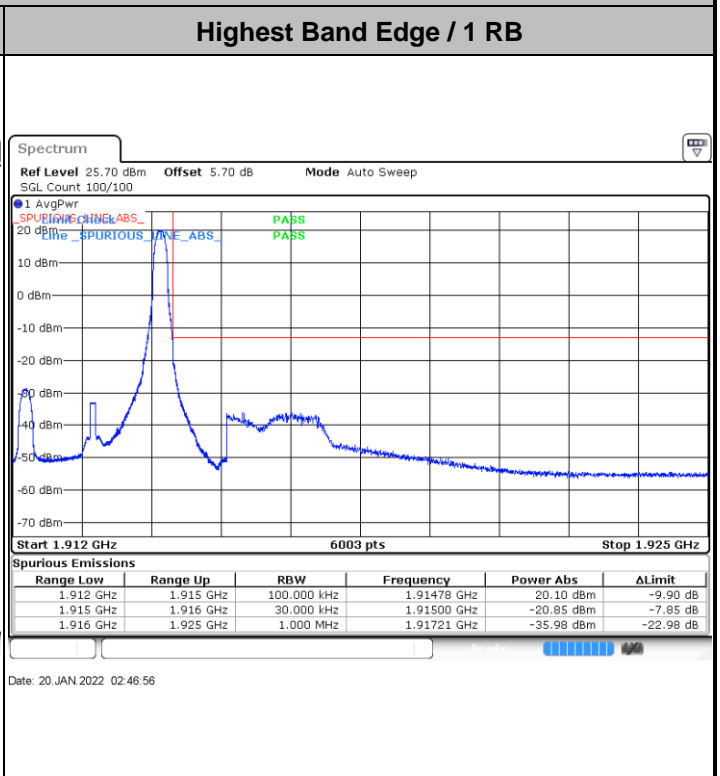
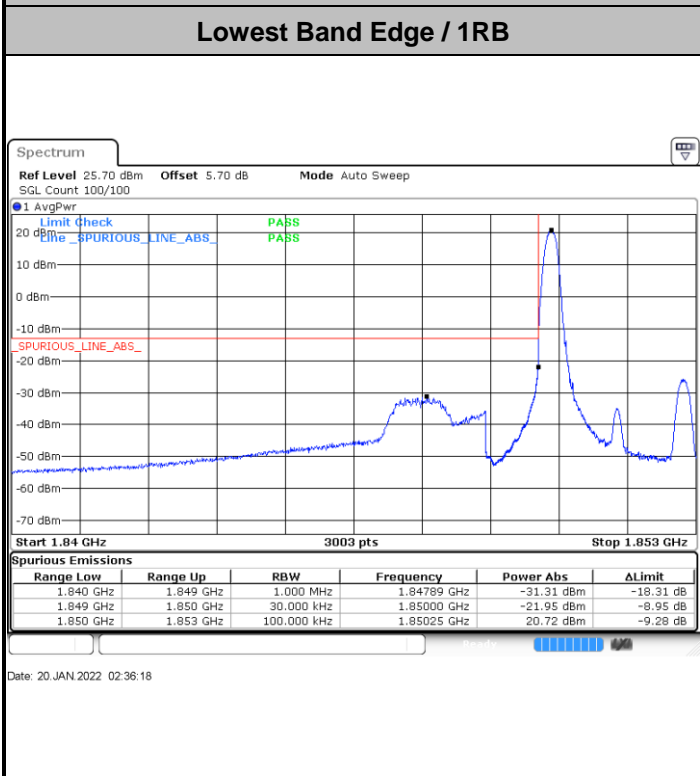
Highest Band Edge / Full RB



Date: 20 JAN 2022 02:14:46



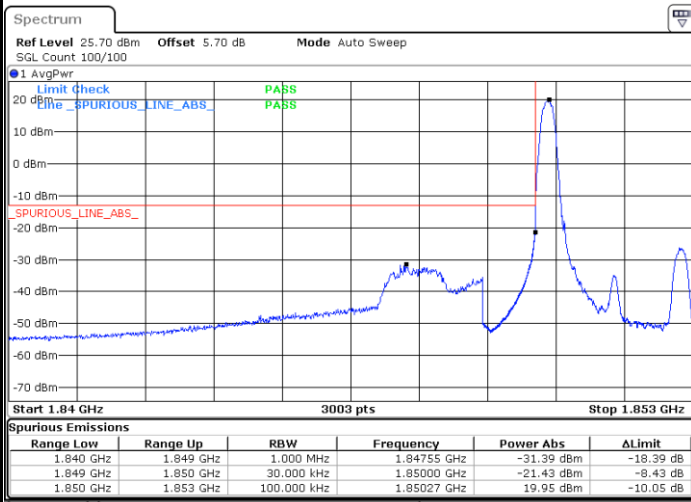
**LTE Band 25 / 3MHz / QPSK**





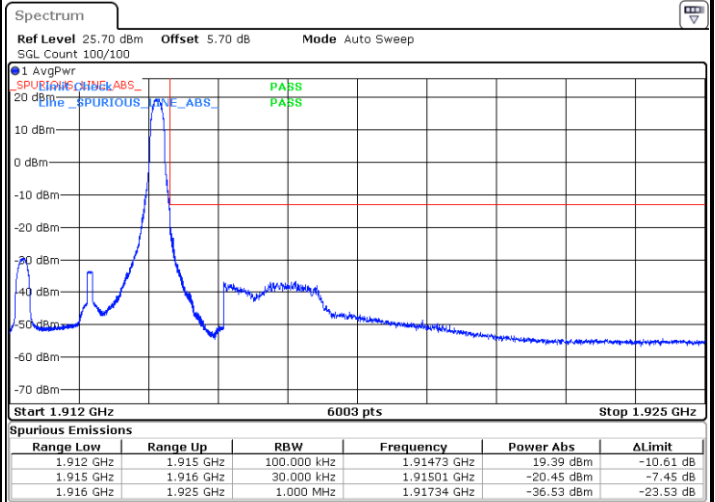
LTE Band 25 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



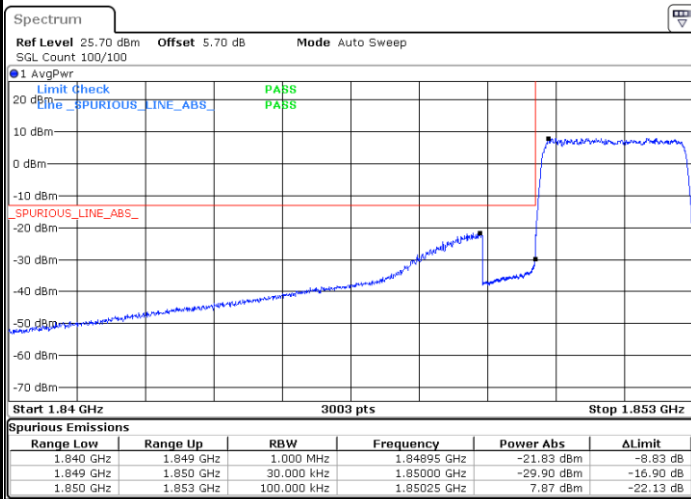
Date: 20 JAN 2022 02:37:49

Highest Band Edge / 1 RB



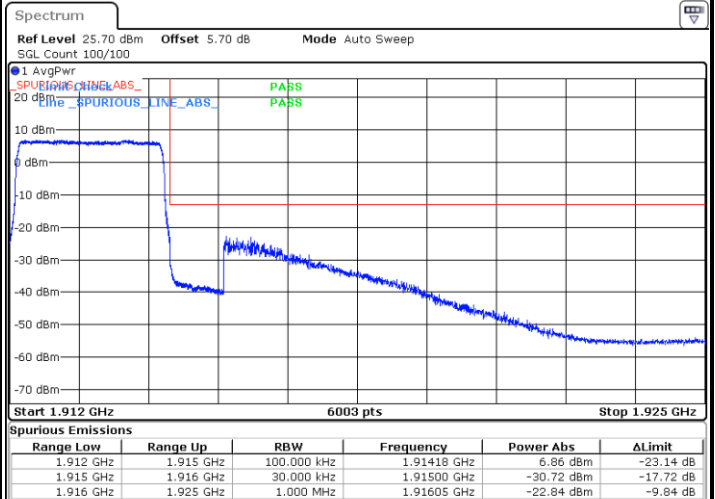
Date: 20 JAN 2022 02:45:25

Lowest Band Edge / Full RB



Date: 20 JAN 2022 02:40:52

Highest Band Edge / Full RB



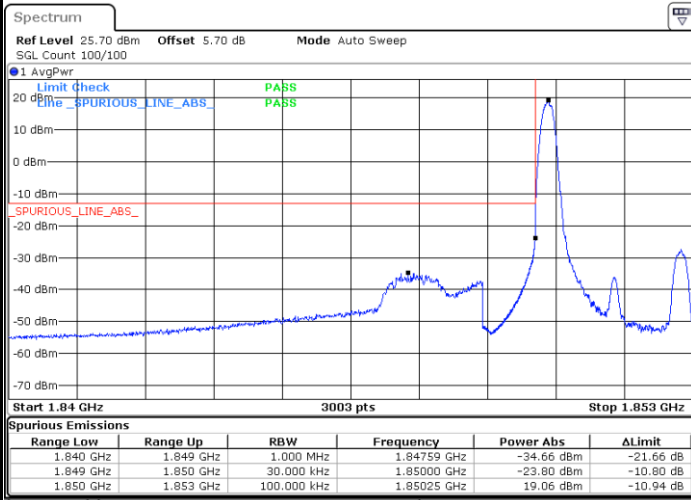
Date: 20 JAN 2022 02:43:54





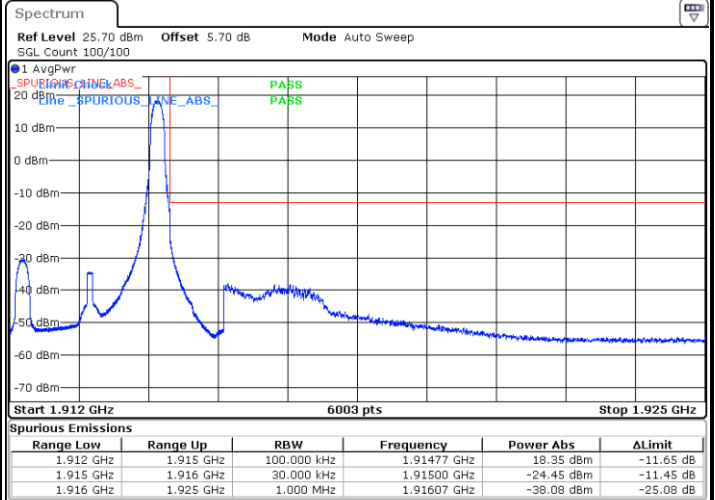
LTE Band 25 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



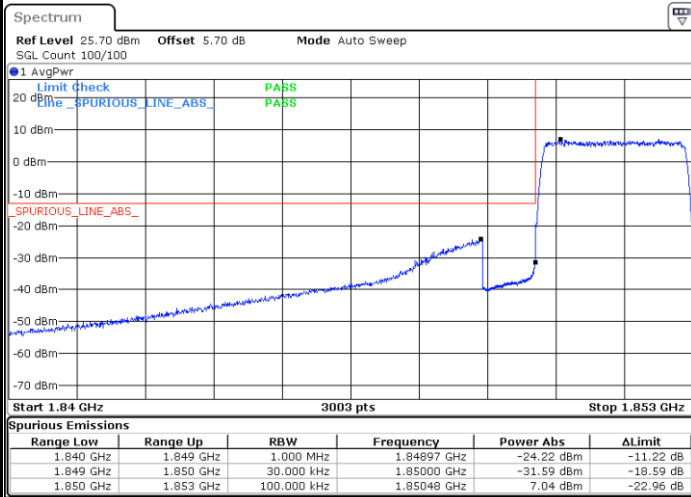
Date: 20 JAN 2022 02:51:10

Highest Band Edge / 1 RB



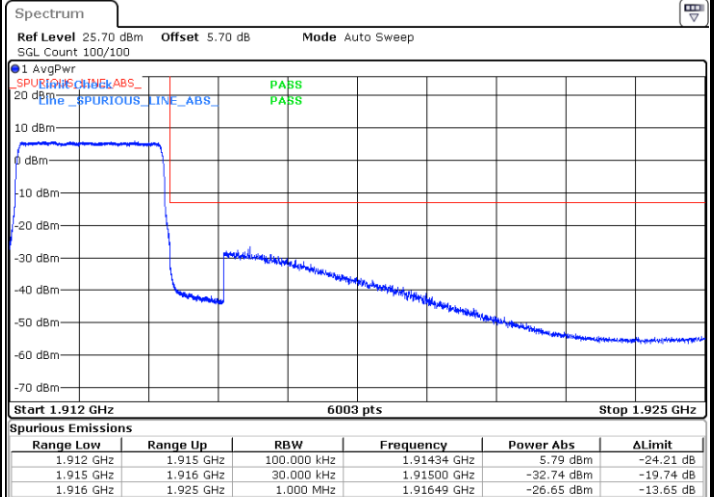
Date: 20 JAN 2022 02:48:15

Lowest Band Edge / Full RB



Date: 20 JAN 2022 02:50:15

Highest Band Edge / Full RB

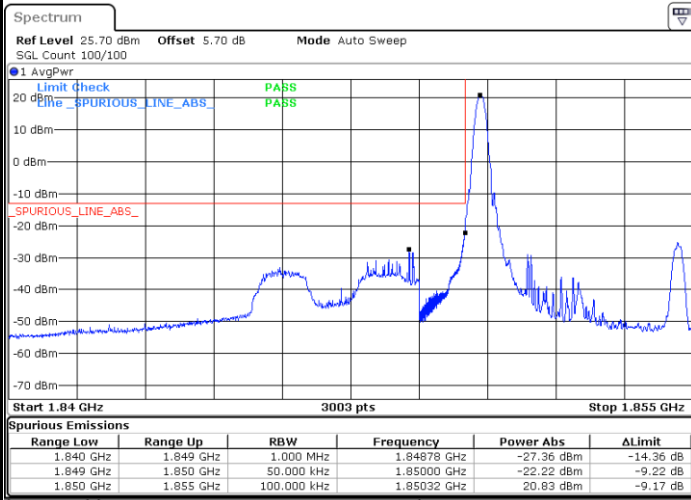


Date: 20 JAN 2022 02:49:14



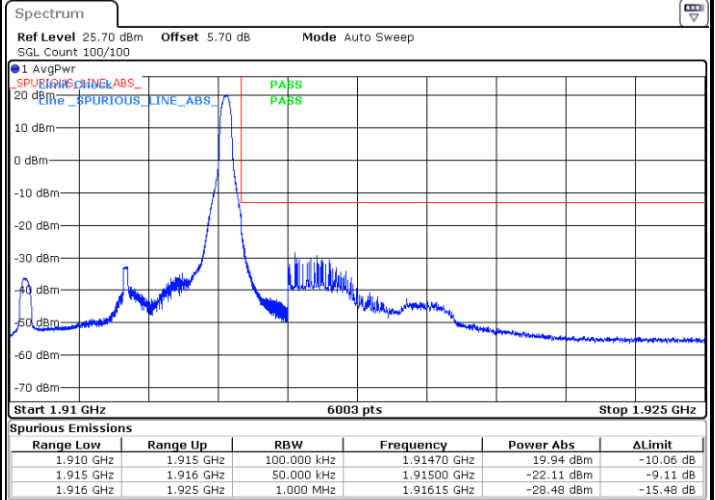
LTE Band 25 / 5MHz / QPSK

Lowest Band Edge / 1 RB



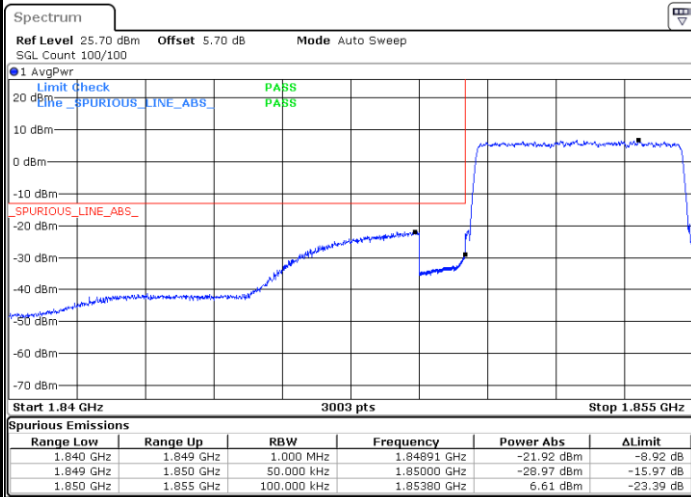
Date: 20 JAN 2022 00:33:19

Highest Band Edge / 1 RB



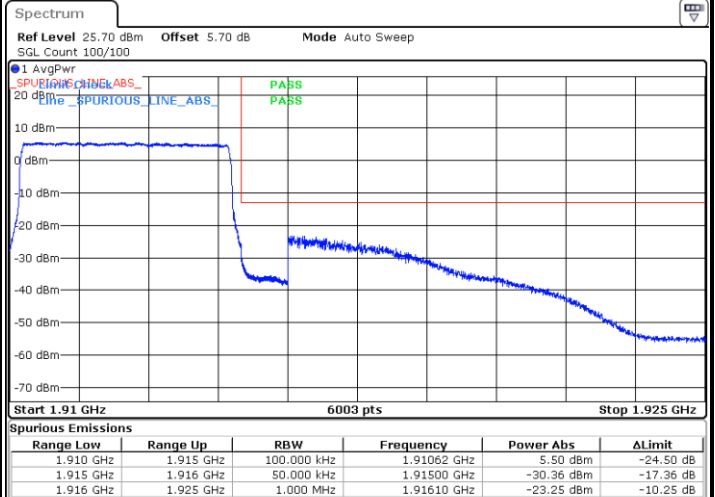
Date: 20 JAN 2022 00:44:00

Lowest Band Edge / Full RB



Date: 20 JAN 2022 00:36:21

Highest Band Edge / Full RB

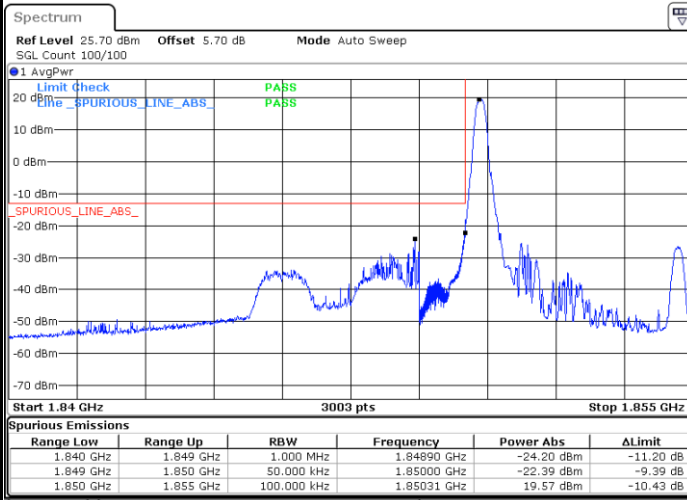


Date: 20 JAN 2022 00:39:25



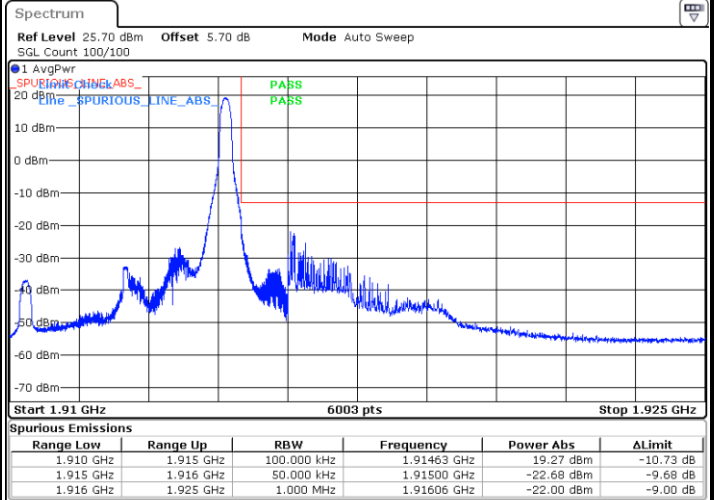
LTE Band 25 / 5MHz / 16QAM

Lowest Band Edge / 1RB



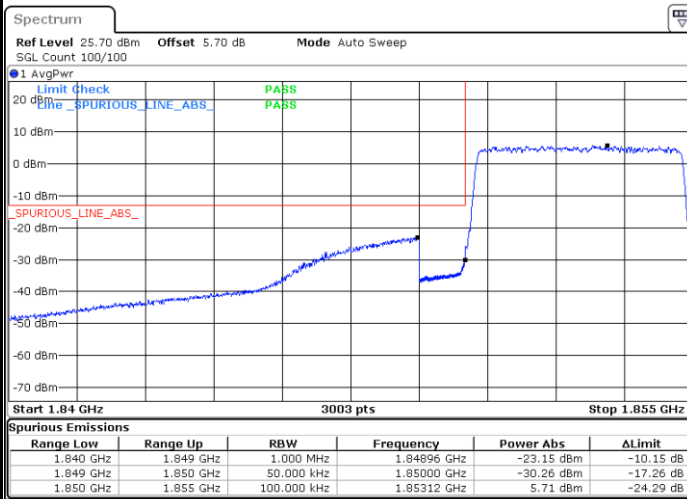
Date: 20 JAN 2022 00:34:50

Highest Band Edge / 1 RB



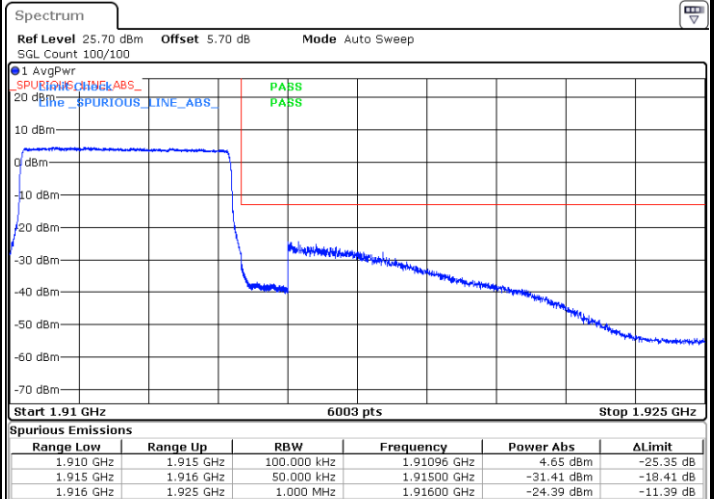
Date: 20 JAN 2022 00:42:29

Lowest Band Edge / Full RB



Date: 20 JAN 2022 00:37:54

Highest Band Edge / Full RB

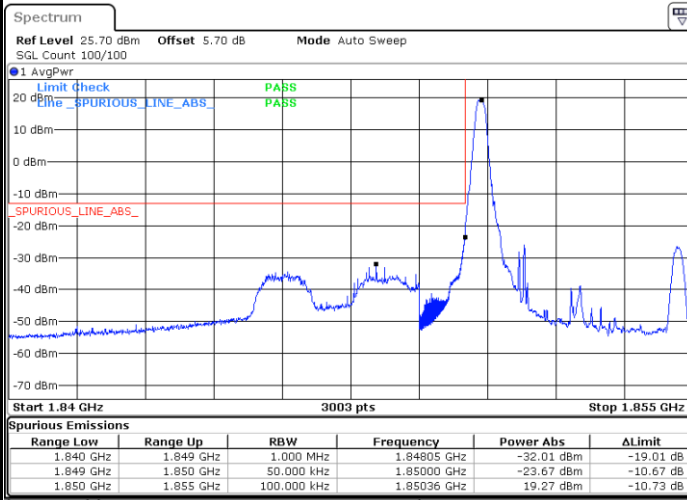


Date: 20 JAN 2022 00:40:57



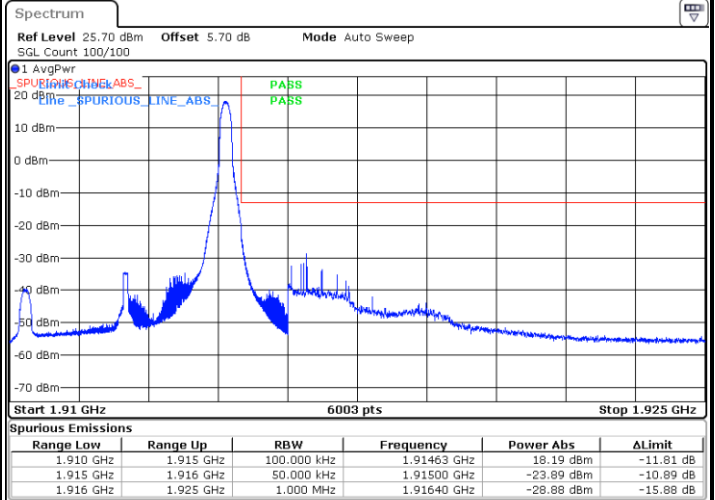
LTE Band 25 / 5MHz / 64QAM

Lowest Band Edge / 1RB



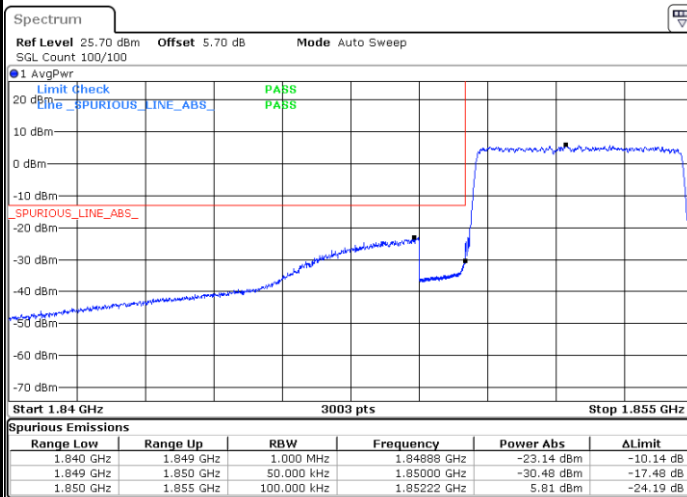
Date: 20 JAN 2022 00:45:31

Highest Band Edge / 1 RB



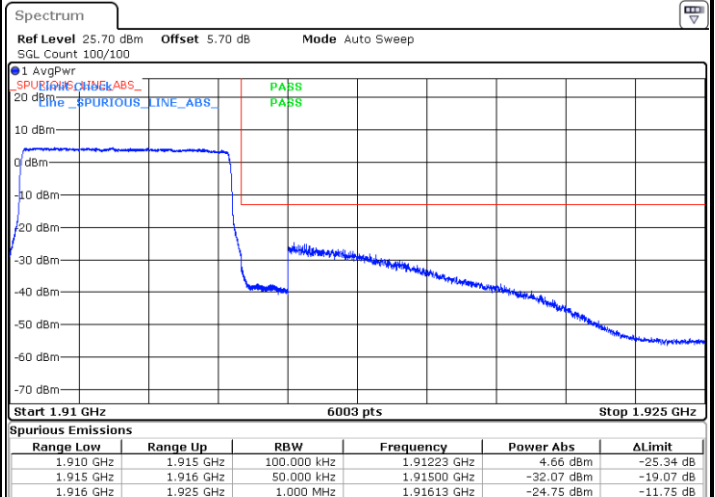
Date: 20 JAN 2022 01:02:26

Lowest Band Edge / Full RB



Date: 20 JAN 2022 00:47:03

Highest Band Edge / Full RB

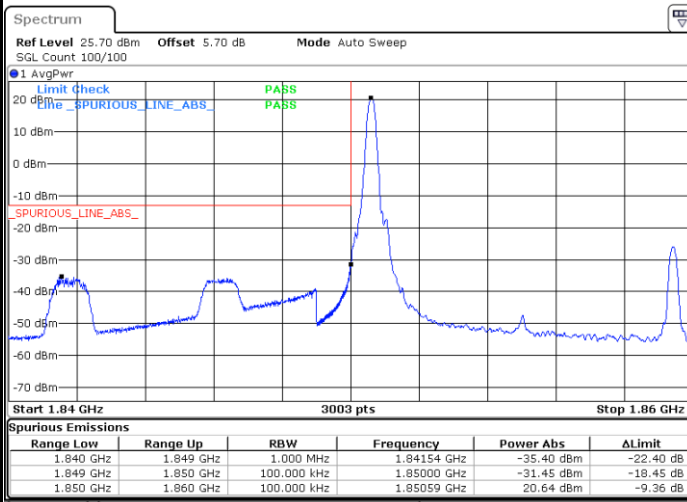


Date: 20 JAN 2022 00:48:34



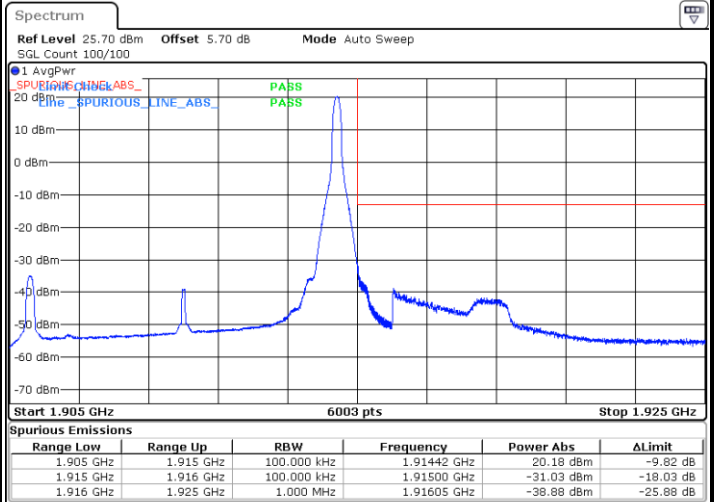
LTE Band 25 / 10MHz / QPSK

Lowest Band Edge / 1 RB



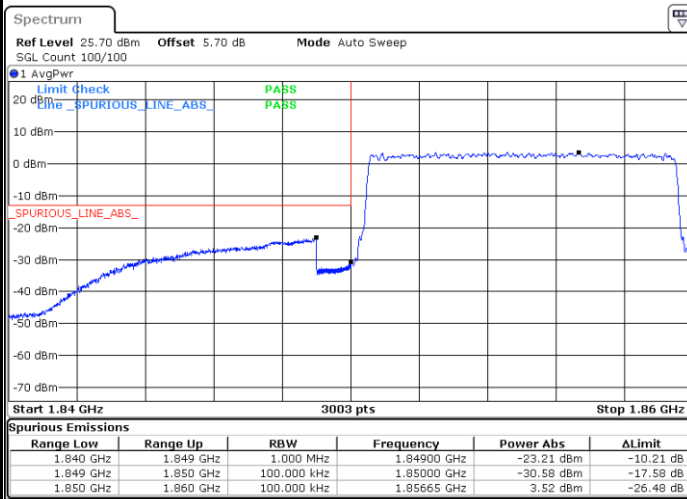
Date: 20 JAN 2022 01:03:57

Highest Band Edge / 1 RB



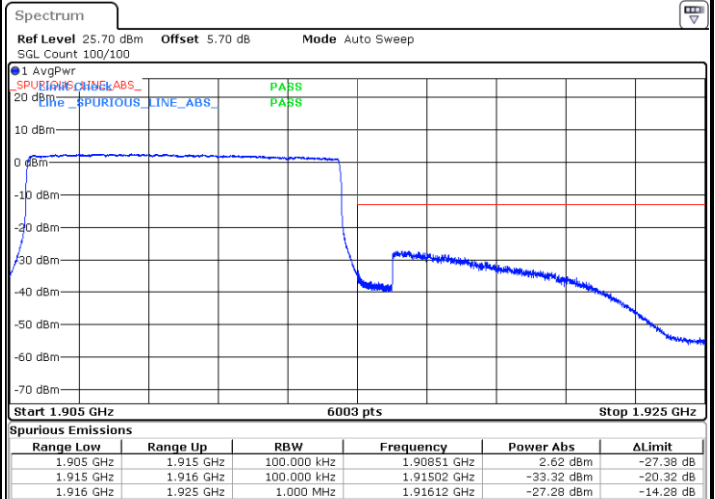
Date: 20 JAN 2022 01:14:37

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:07:00

Highest Band Edge / Full RB

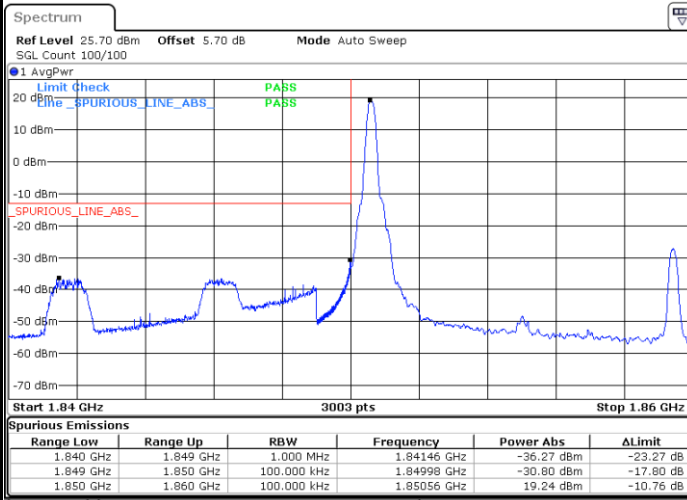


Date: 20 JAN 2022 01:10:03



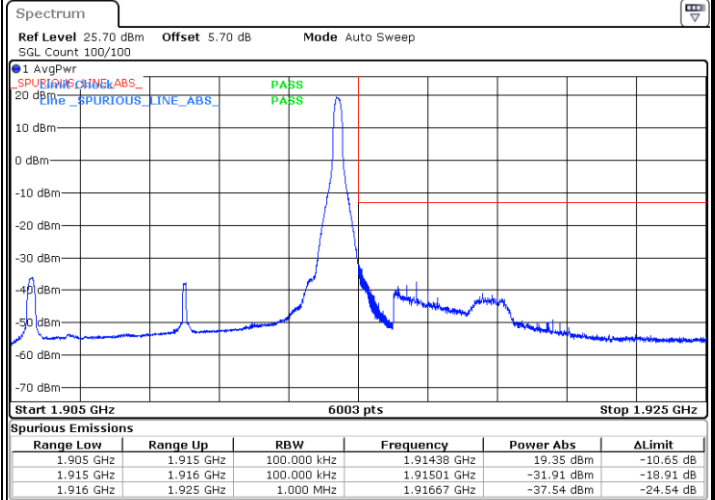
LTE Band 25 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



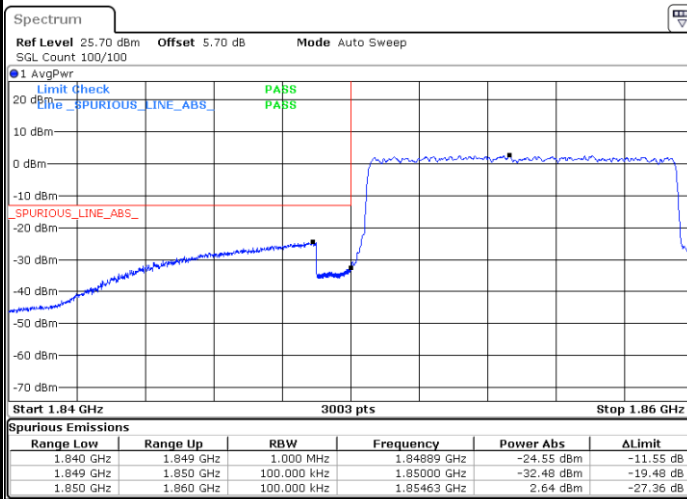
Date: 20 JAN 2022 01:05:28

Highest Band Edge / 1 RB



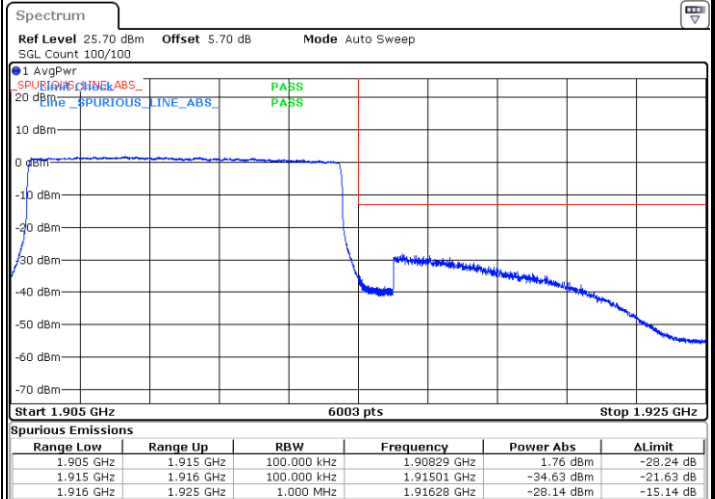
Date: 20 JAN 2022 01:13:05

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:08:32

Highest Band Edge / Full RB

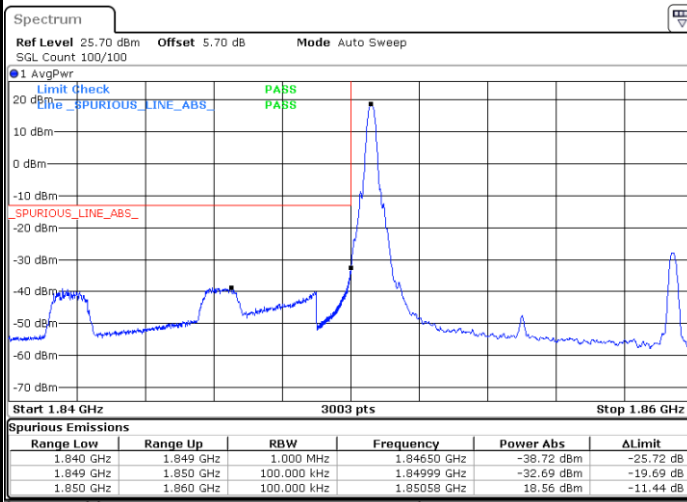


Date: 20 JAN 2022 01:11:34



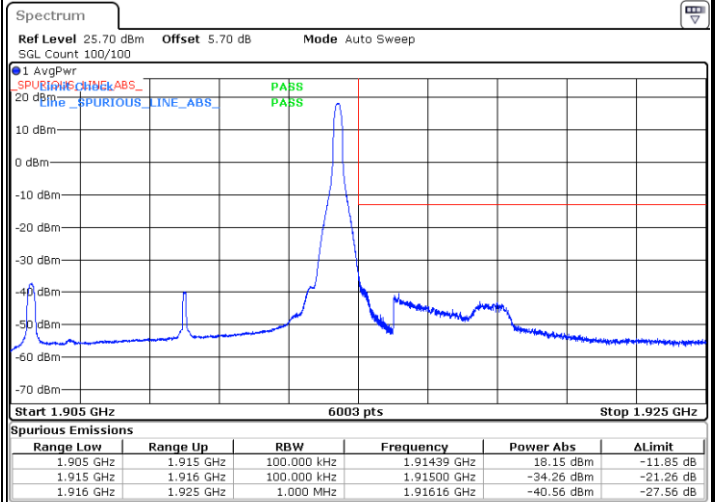
LTE Band 25 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



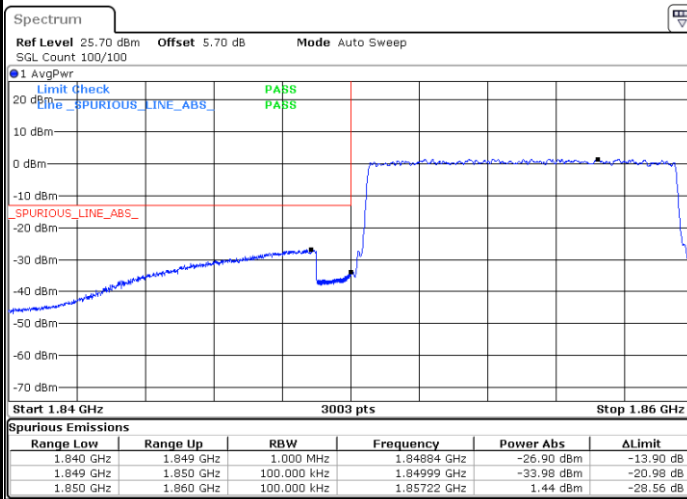
Date: 20 JAN 2022 01:16:08

Highest Band Edge / 1 RB



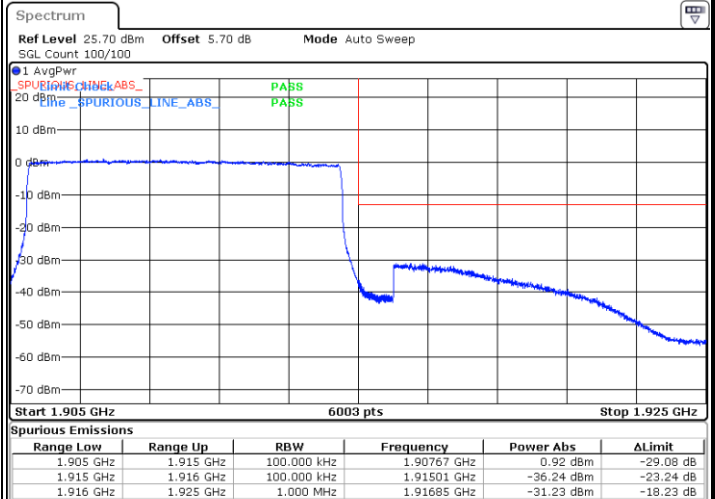
Date: 20 JAN 2022 01:20:41

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:17:39

Highest Band Edge / Full RB

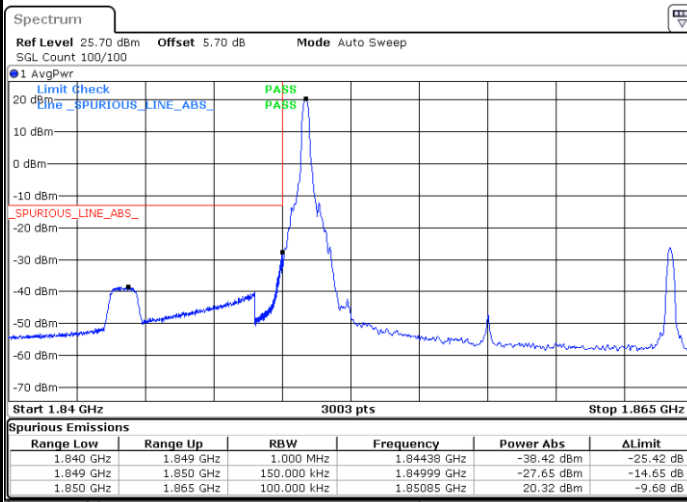


Date: 20 JAN 2022 01:19:10



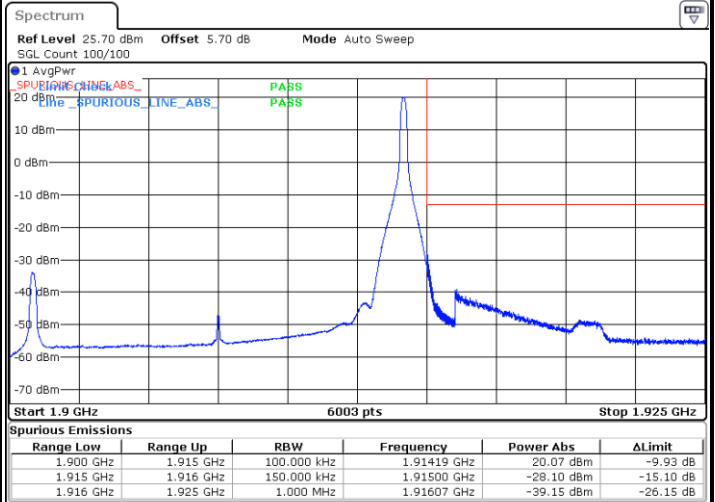
LTE Band 25 / 15MHz / QPSK

Lowest Band Edge / 1 RB



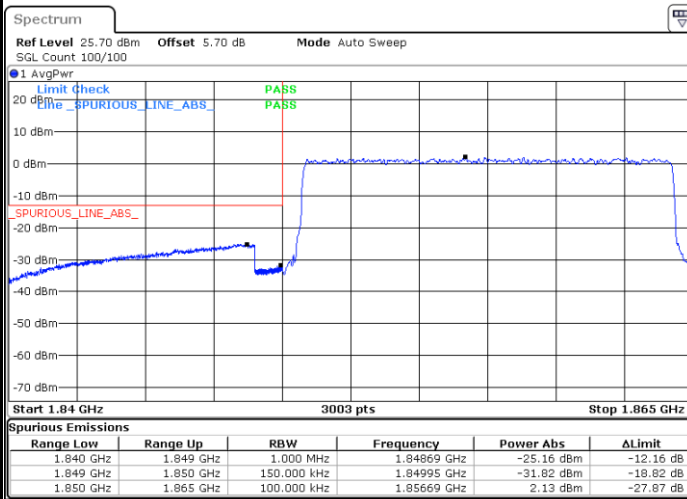
Date: 20 JAN 2022 01:28:19

Highest Band Edge / 1 RB



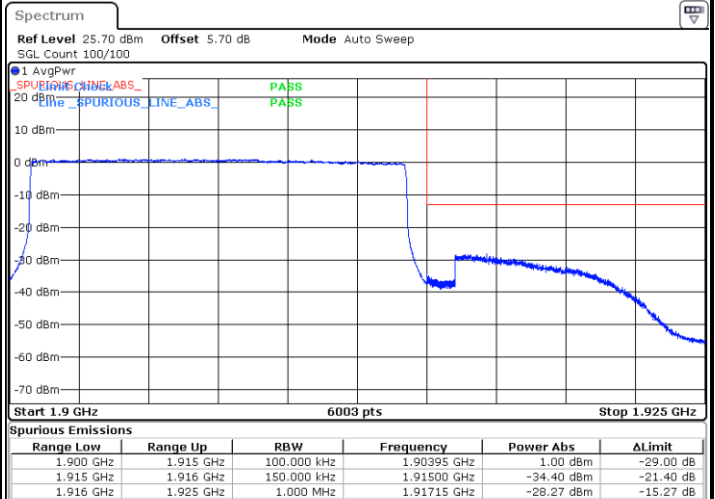
Date: 20 JAN 2022 01:38:59

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:31:22

Highest Band Edge / Full RB



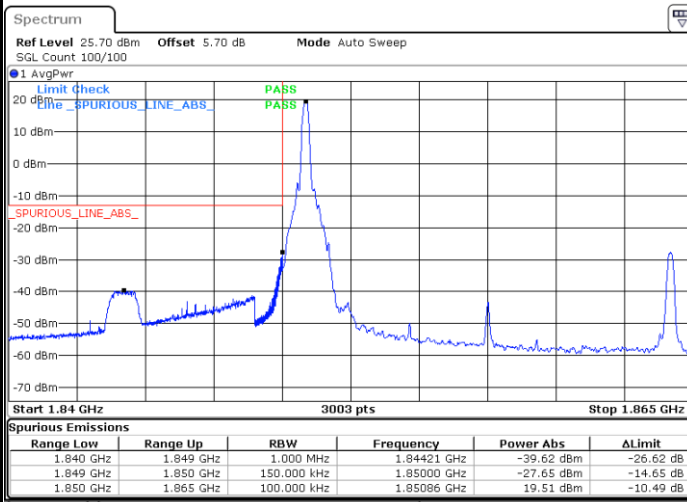
Date: 20 JAN 2022 01:34:25





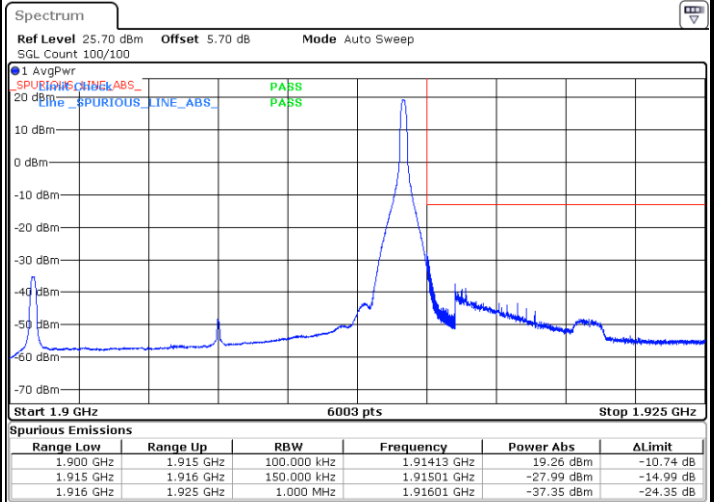
LTE Band 25 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



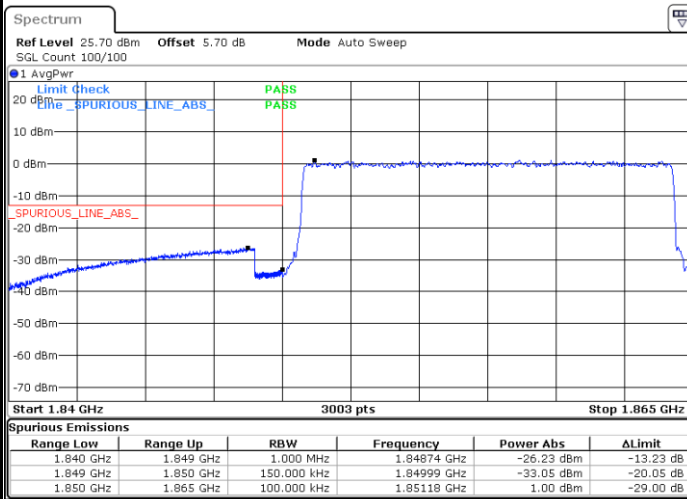
Date: 20 JAN 2022 01:29:50

Highest Band Edge / 1 RB



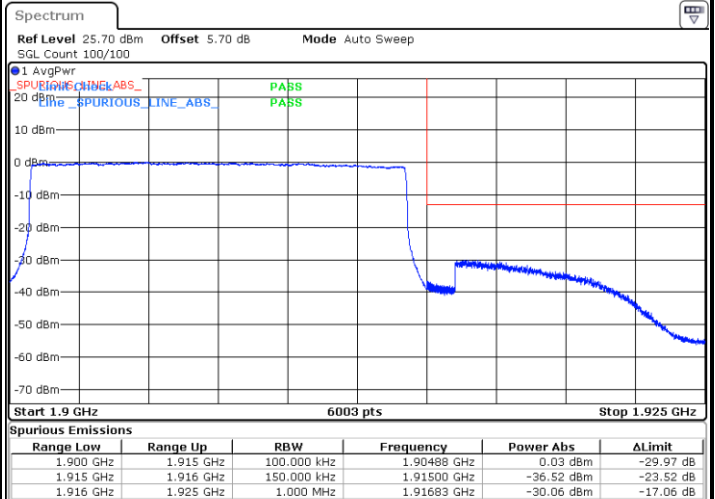
Date: 20 JAN 2022 01:37:28

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:32:52

Highest Band Edge / Full RB

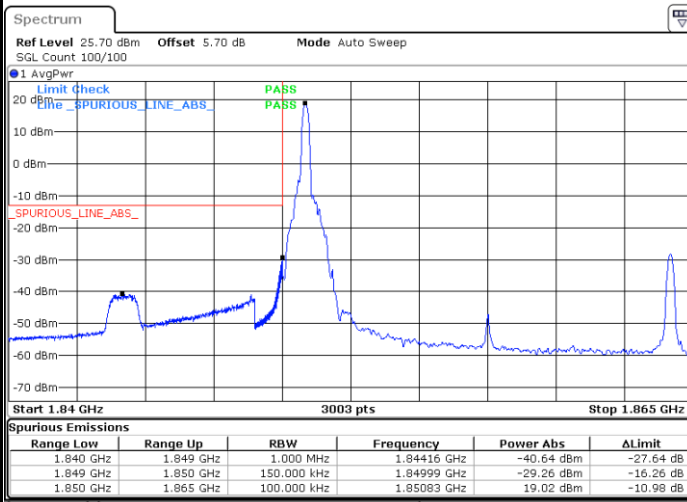


Date: 20 JAN 2022 01:35:56



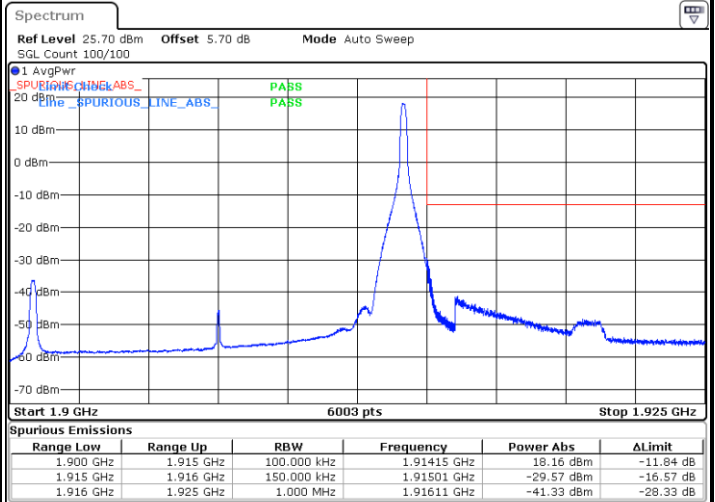
LTE Band 25 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



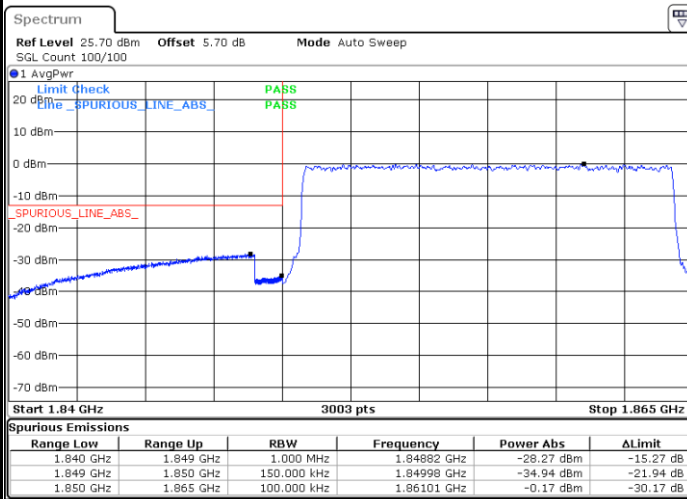
Date: 20 JAN 2022 01:22:13

Highest Band Edge / 1 RB



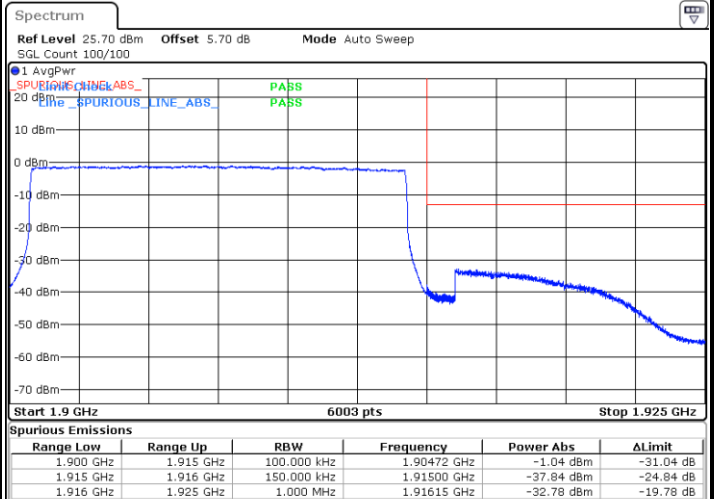
Date: 20 JAN 2022 01:26:47

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:23:44

Highest Band Edge / Full RB

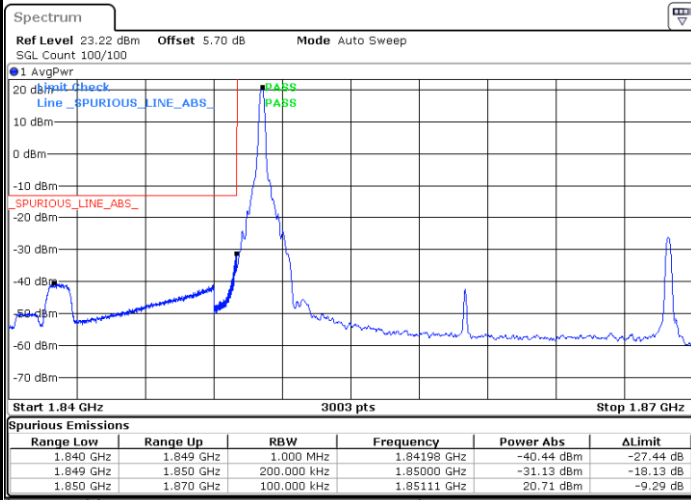


Date: 20 JAN 2022 01:25:16



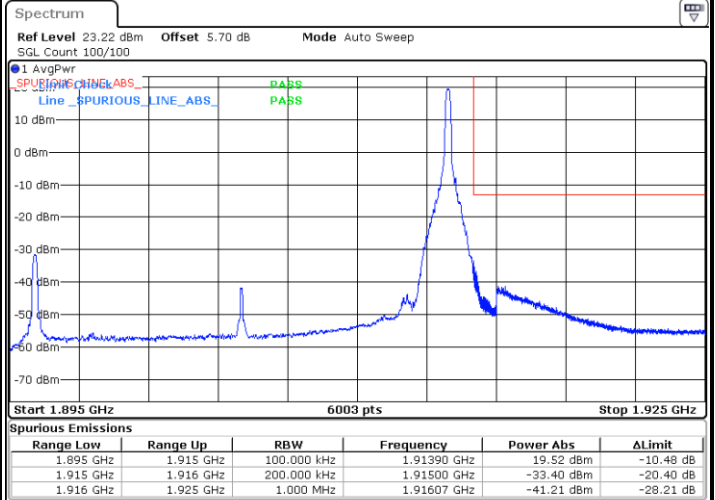
LTE Band 25 / 20MHz / QPSK

Lowest Band Edge / 1 RB



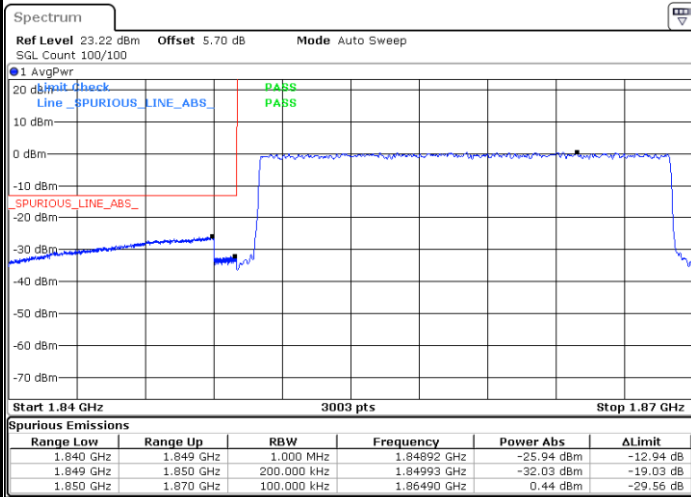
Date: 20 JAN 2022 01:40:31

Highest Band Edge / 1 RB



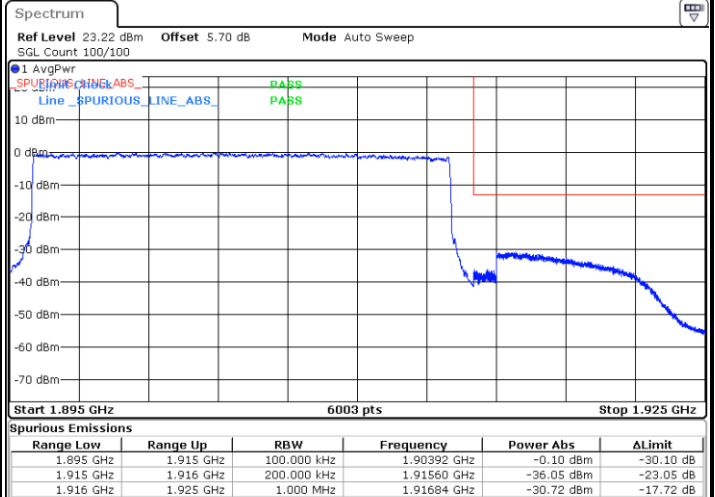
Date: 20 JAN 2022 01:51:12

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:43:33

Highest Band Edge / Full RB

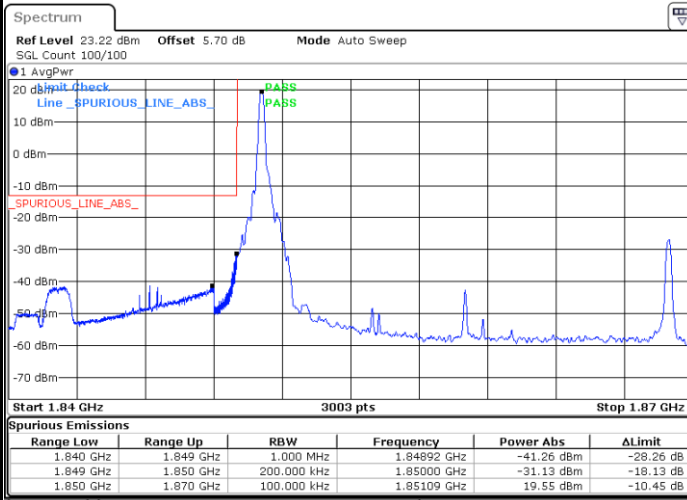


Date: 20 JAN 2022 01:46:35



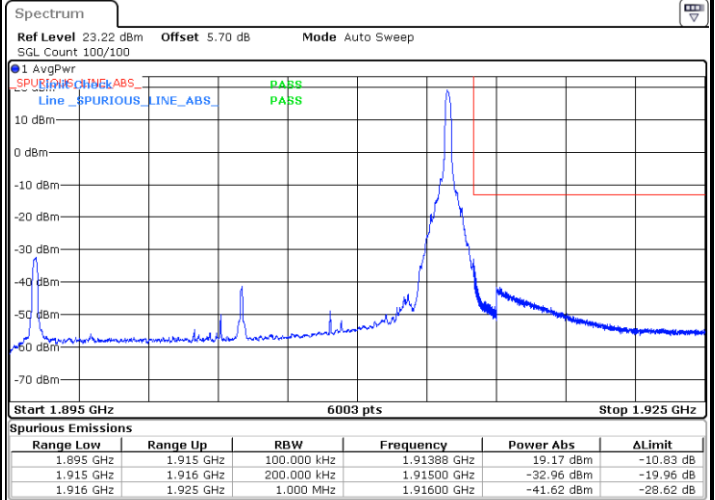
LTE Band 25 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



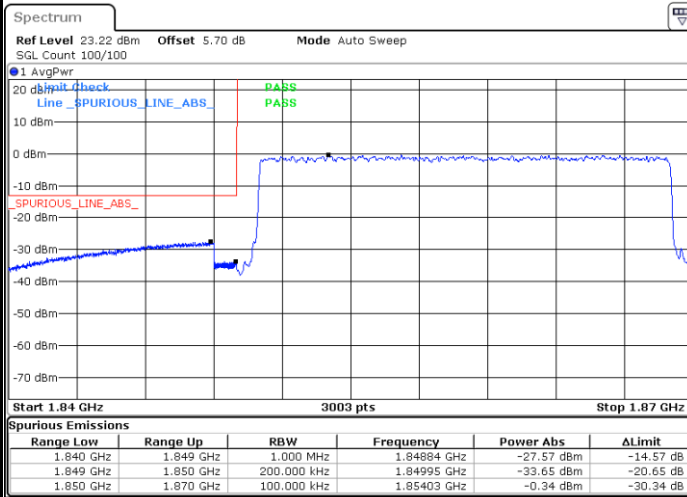
Date: 20 JAN 2022 01:42:02

Highest Band Edge / 1 RB



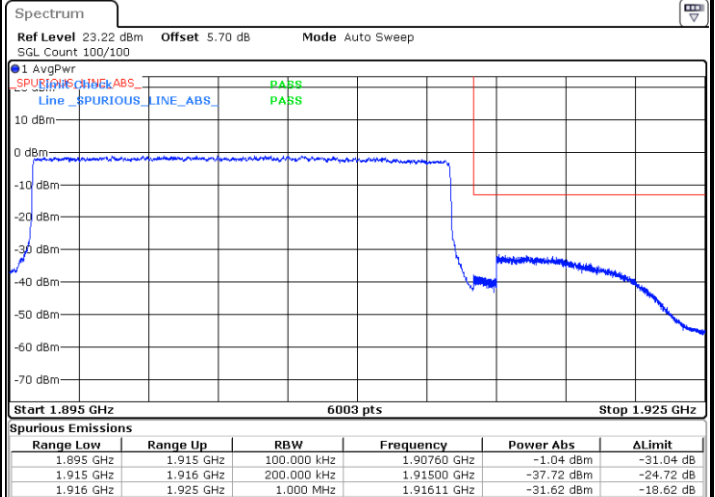
Date: 20 JAN 2022 01:49:41

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:45:04

Highest Band Edge / Full RB

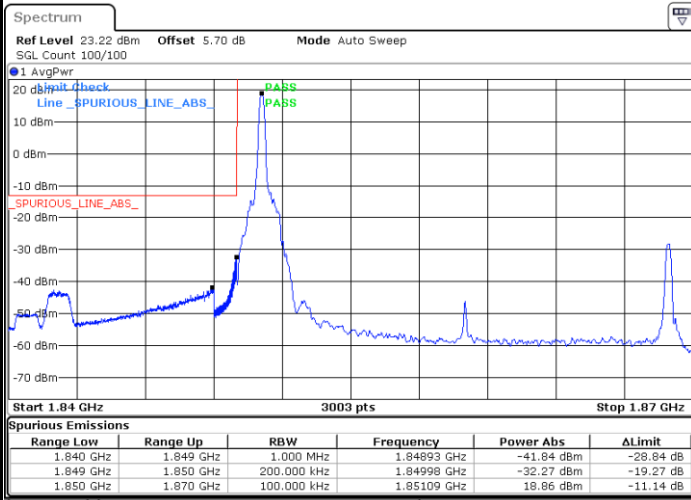


Date: 20 JAN 2022 01:48:09



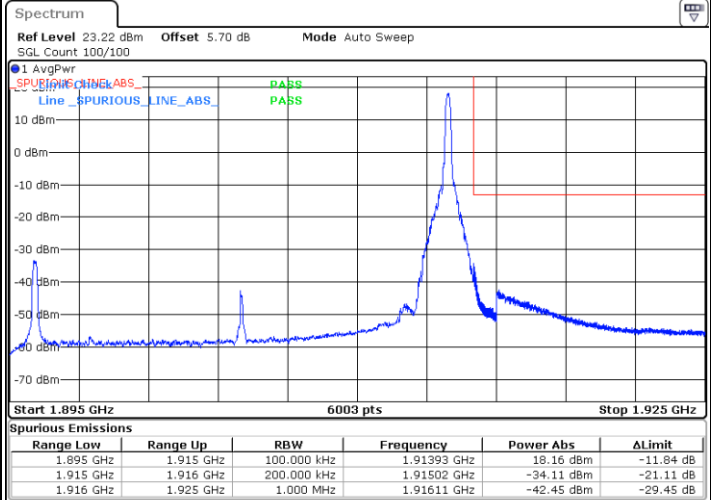
LTE Band 25 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



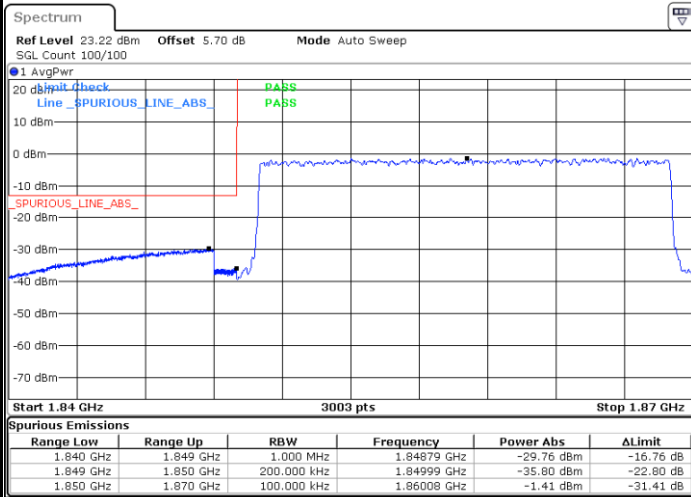
Date: 20 JAN 2022 01:52:44

Highest Band Edge / 1 RB



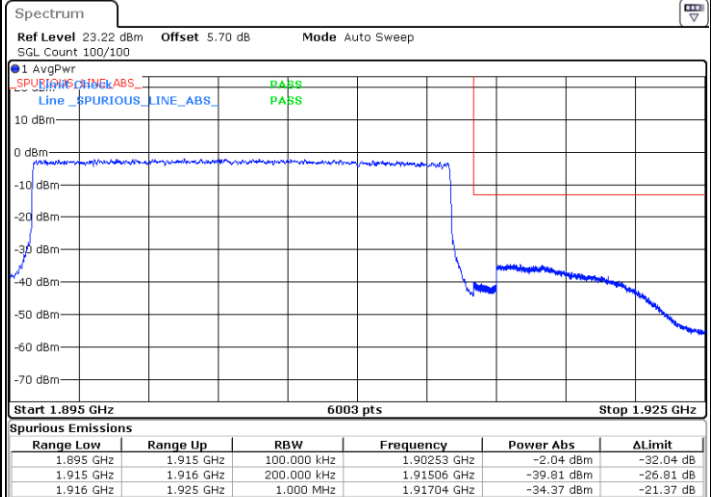
Date: 20 JAN 2022 01:57:20

Lowest Band Edge / Full RB



Date: 20 JAN 2022 01:54:16

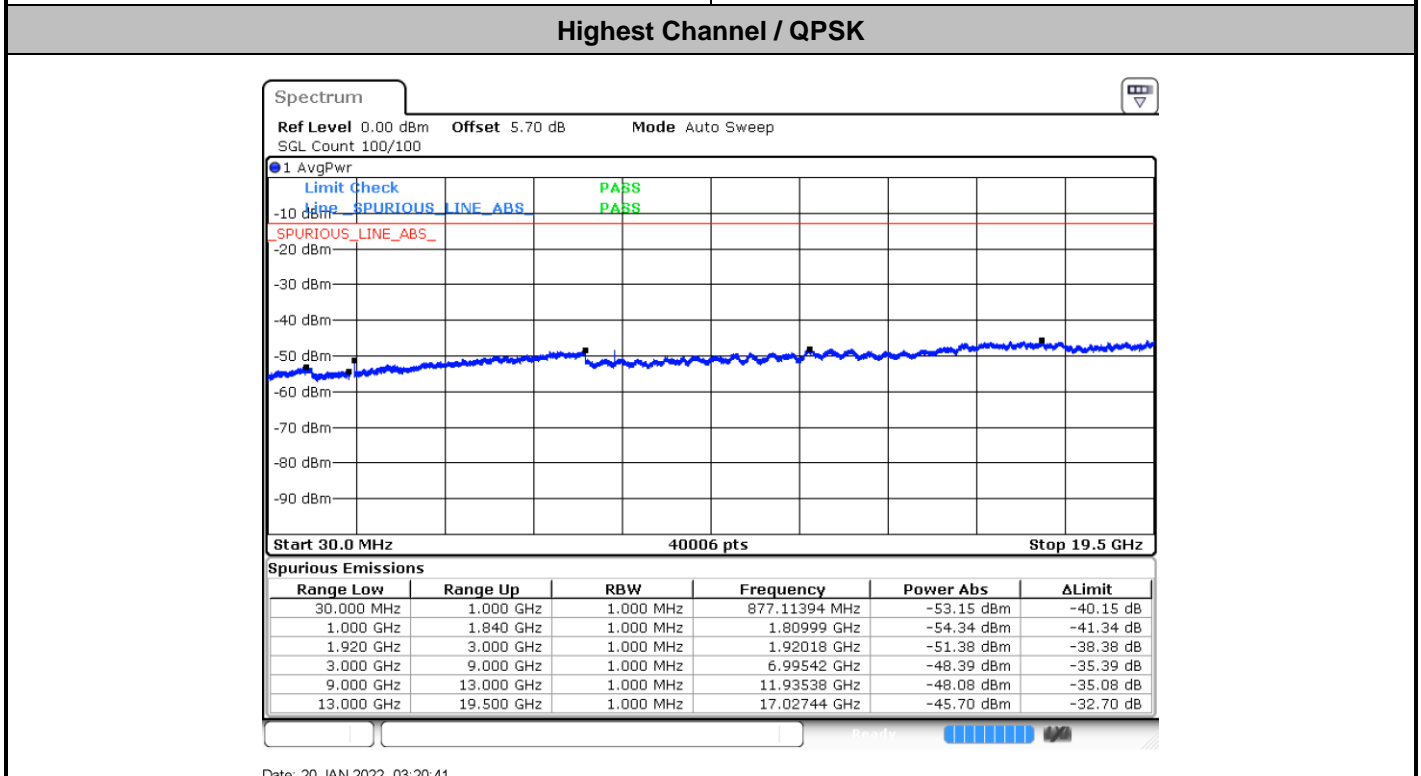
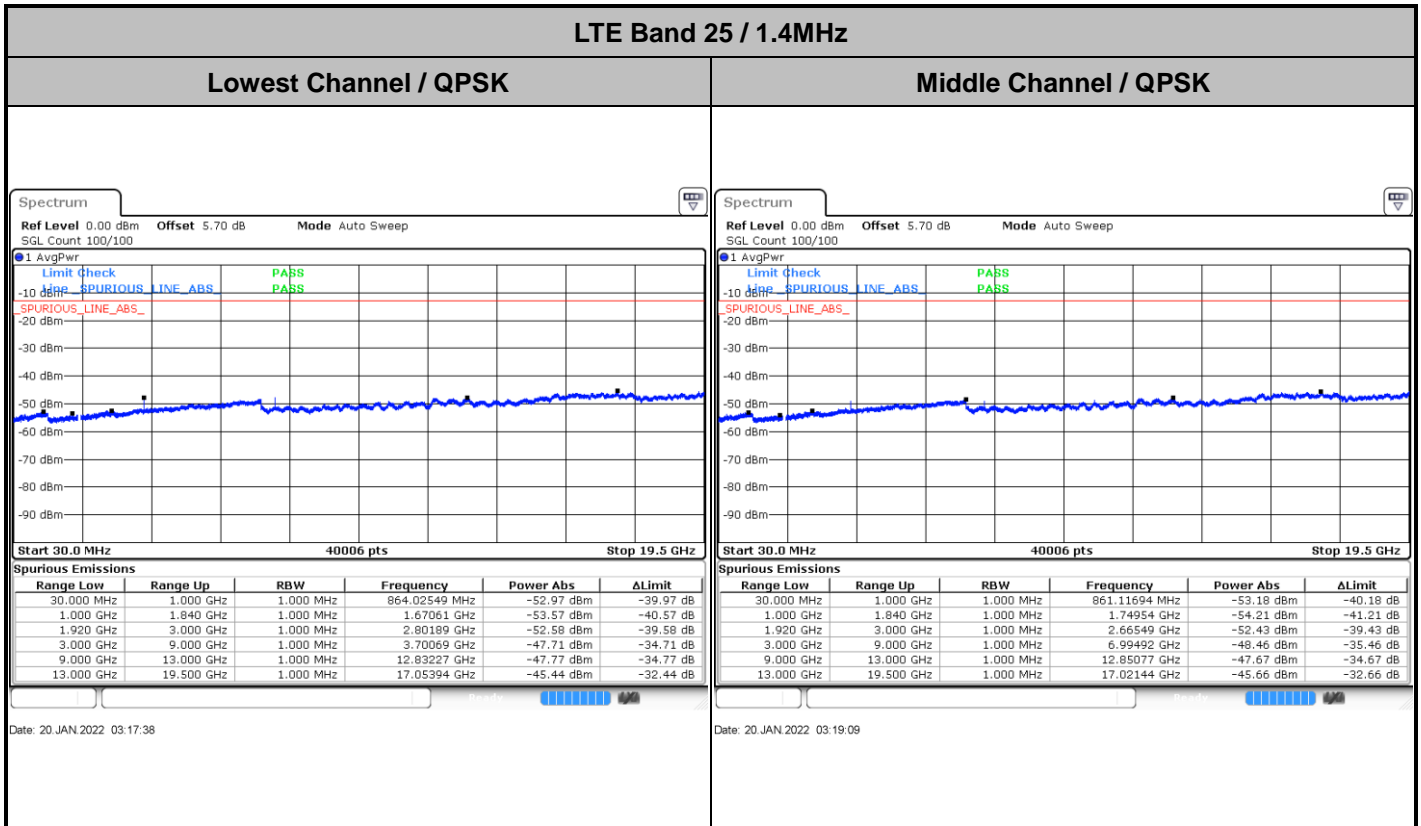
Highest Band Edge / Full RB



Date: 20 JAN 2022 01:55:49



# Conducted Spurious Emission

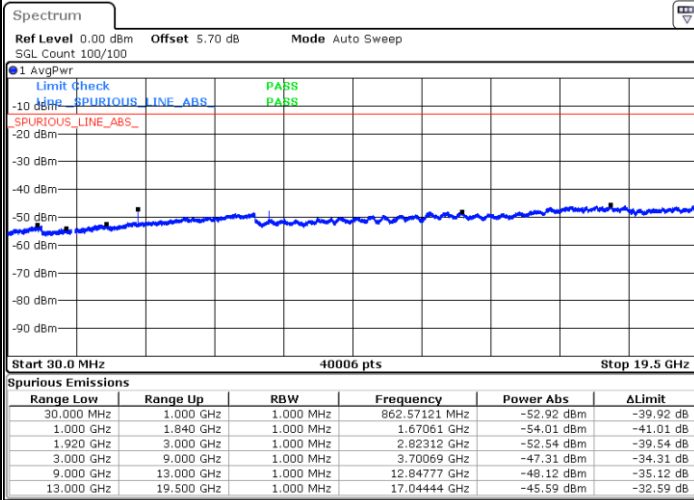




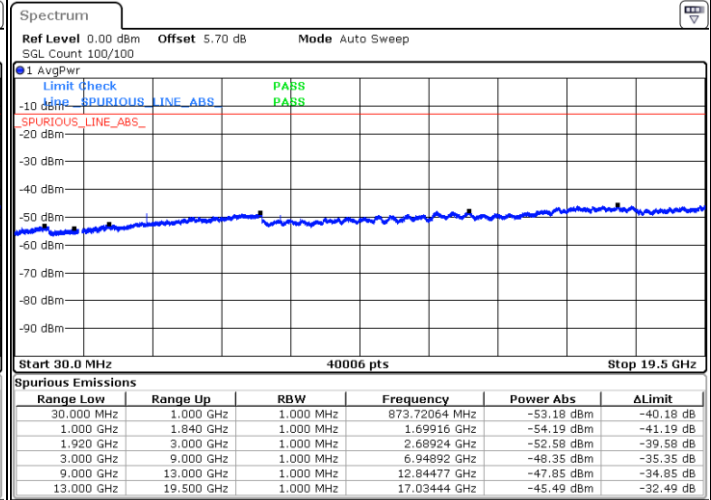
LTE Band 25 / 3MHz

Lowest Channel / QPSK

Middle Channel / QPSK

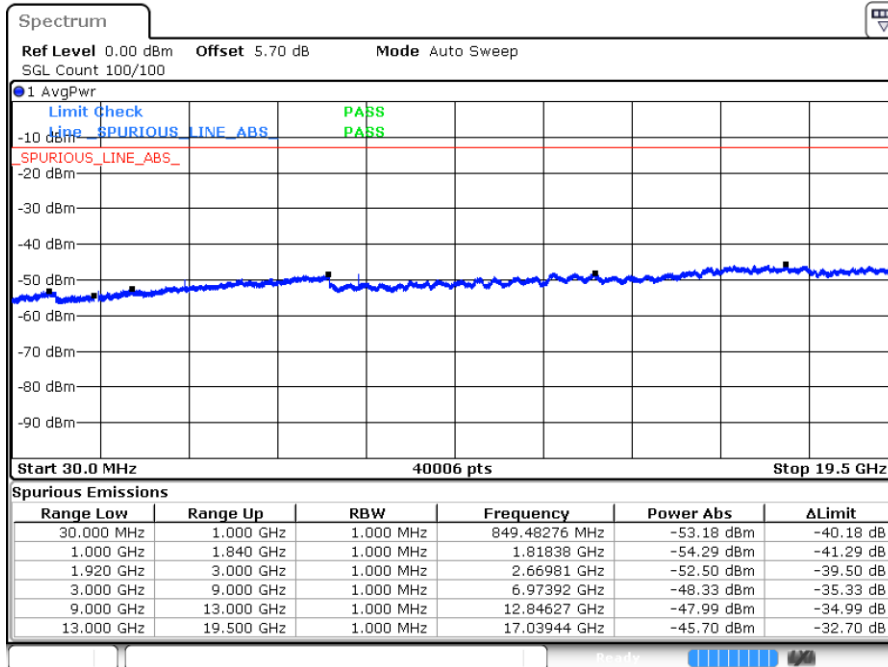


Date: 20 JAN 2022 02:54:32



Date: 20 JAN 2022 02:56:04

Highest Channel / QPSK



Date: 20 JAN 2022 02:57:35