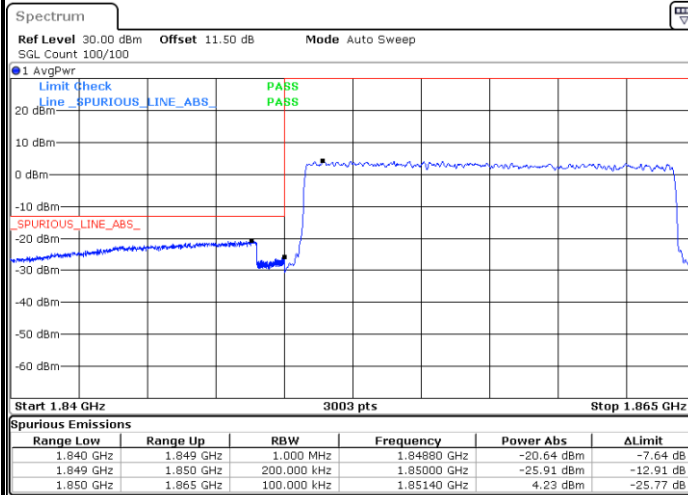


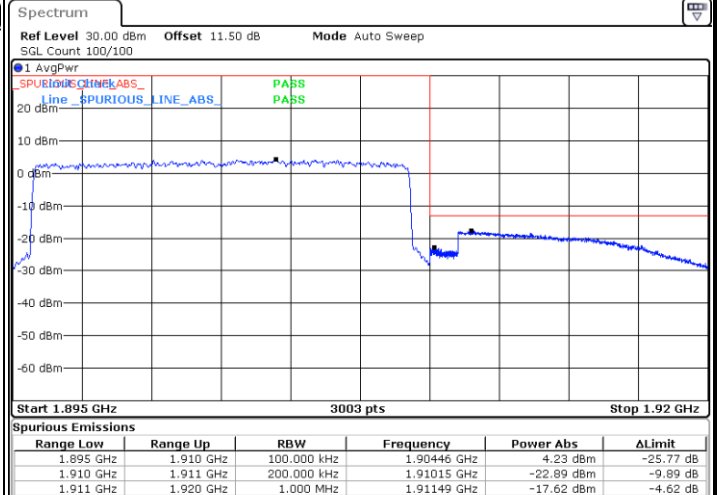


LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / Full RB

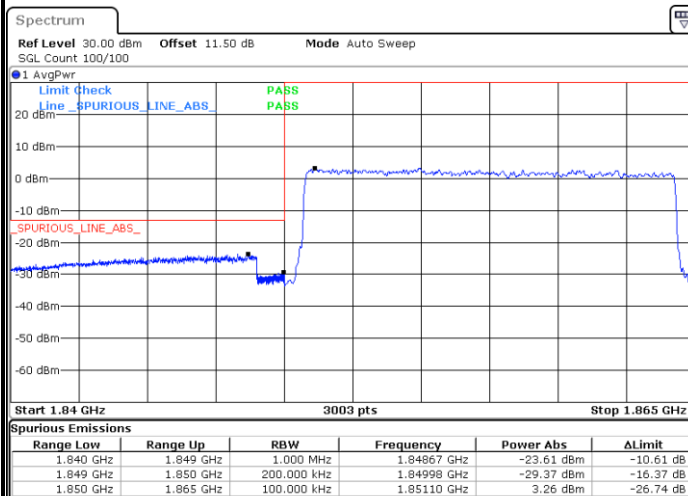


Highest Band Edge / Full RB

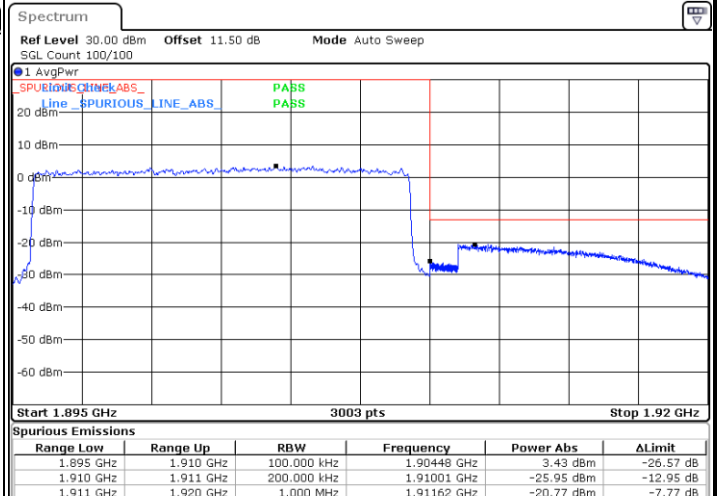


LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / Full RB



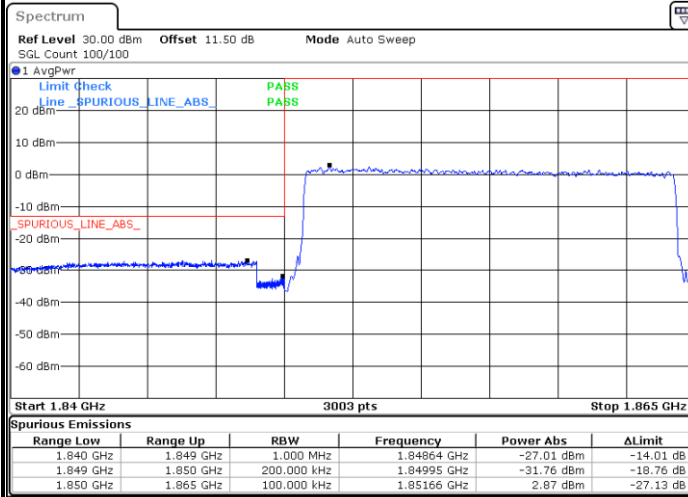
Highest Band Edge / Full RB



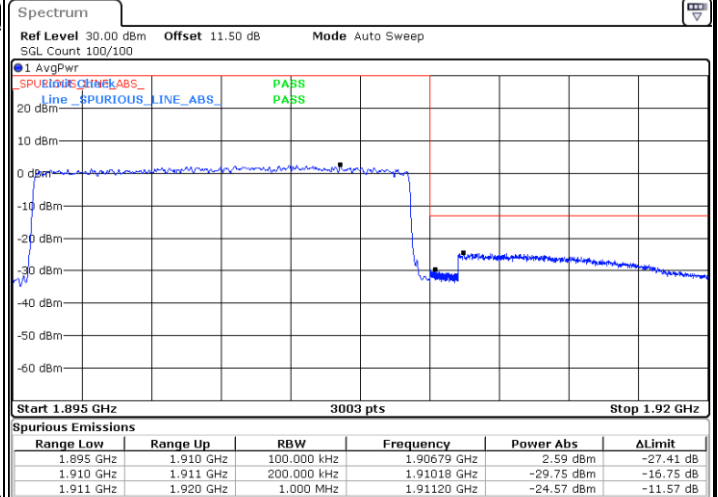


LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / Full RB

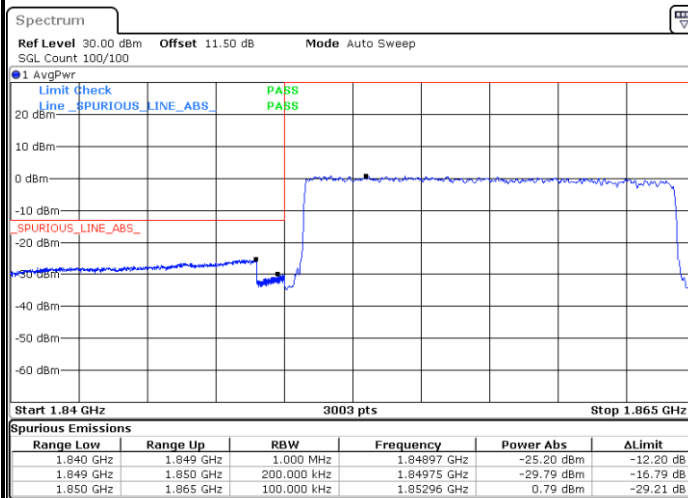


Highest Band Edge / Full RB

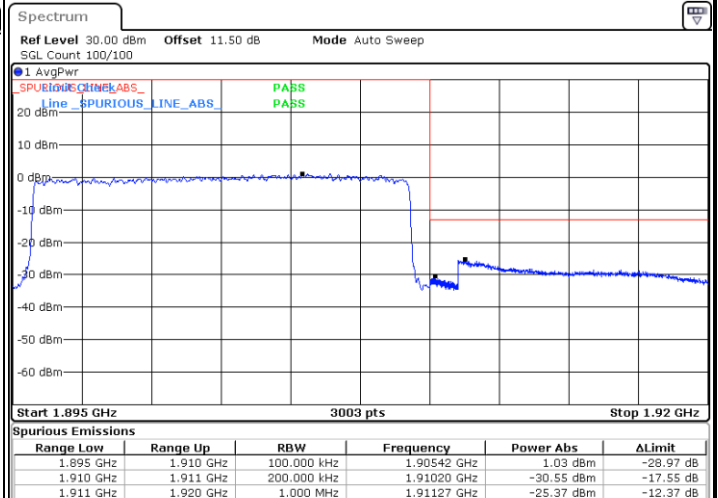


LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / Full RB



Highest Band Edge / Full RB

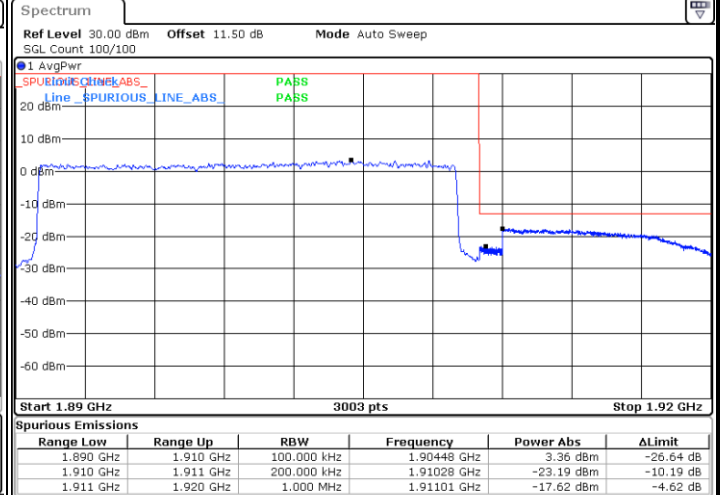
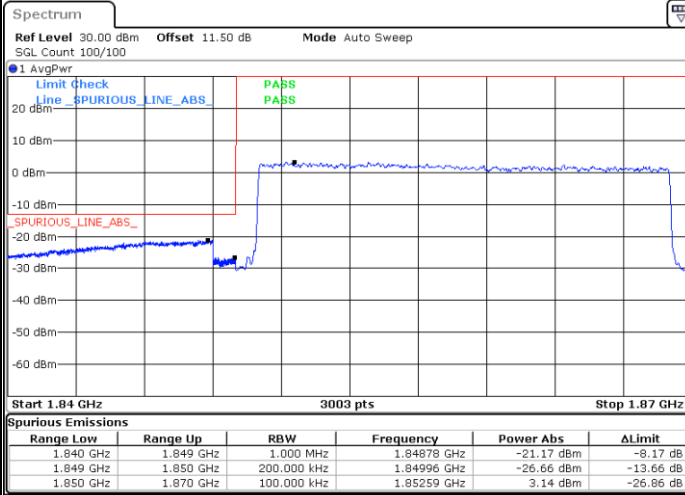




LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / Full RB

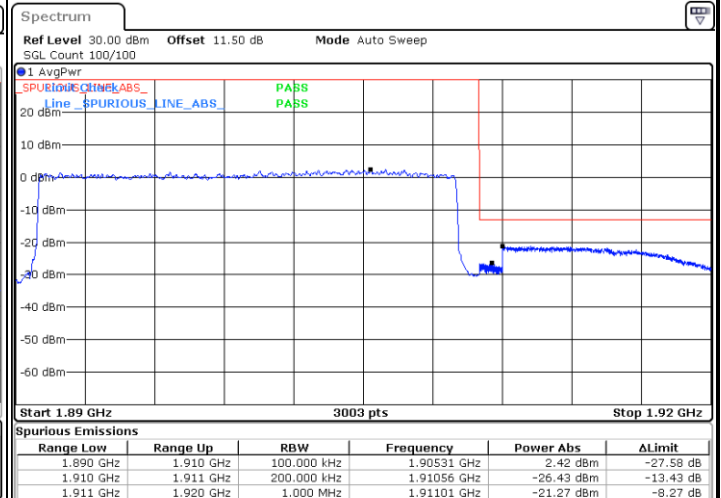
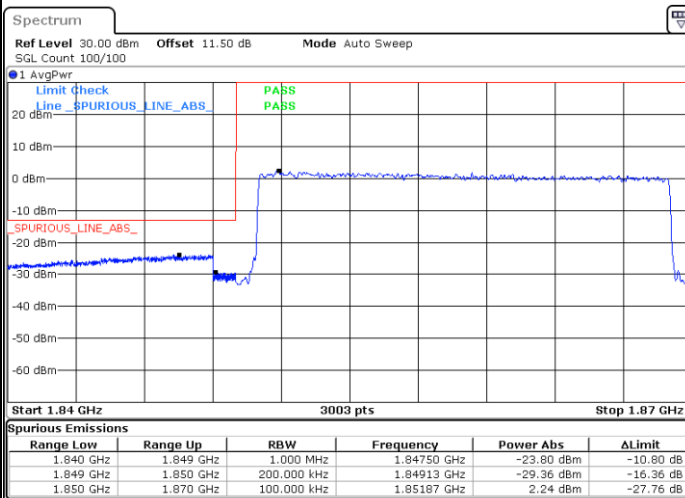
Highest Band Edge / Full RB



LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB

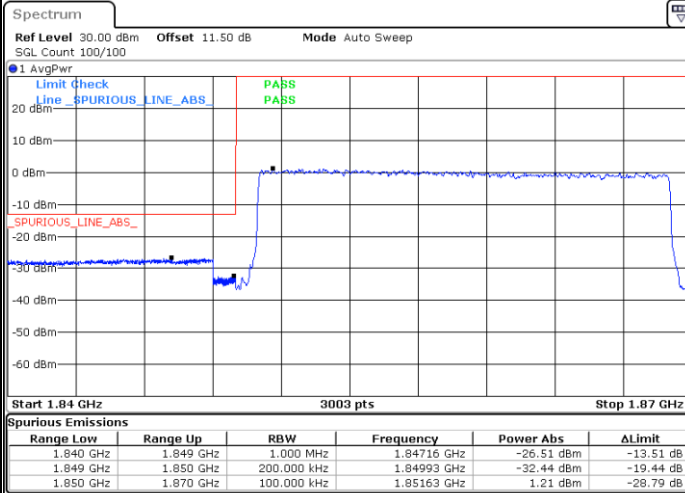




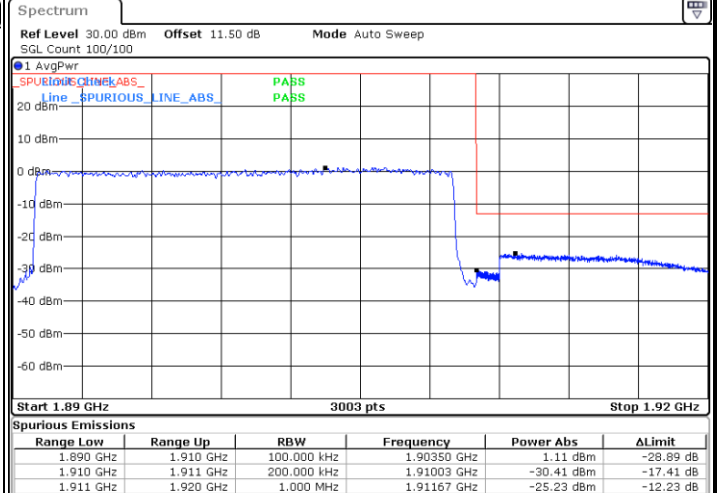
LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JAN.2023 15:03:30

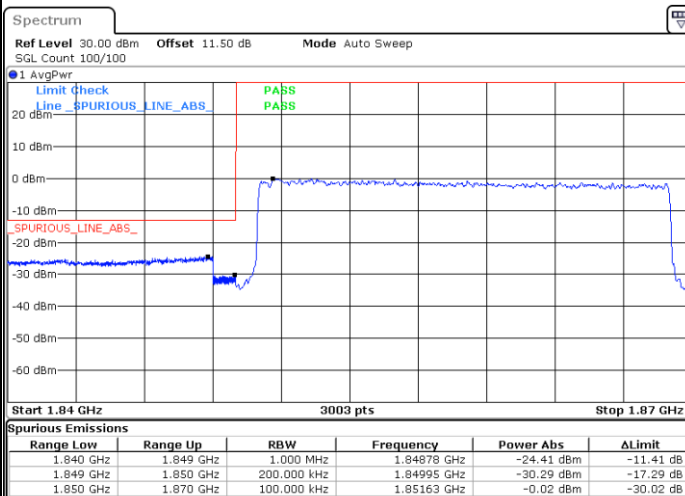


Date: 4.JAN.2023 15:05:10

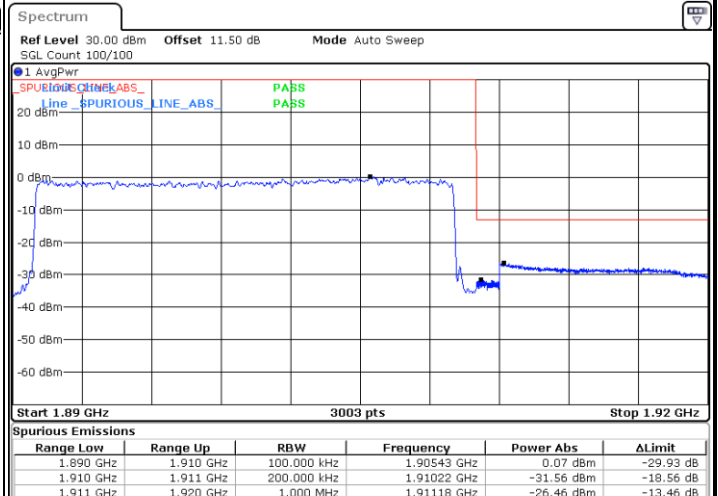
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 4.JAN.2023 15:37:54



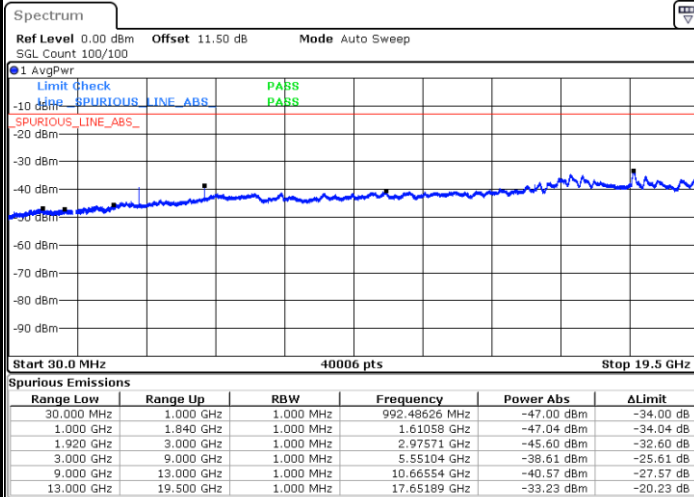
Date: 4.JAN.2023 15:39:37



Conducted Spurious Emission

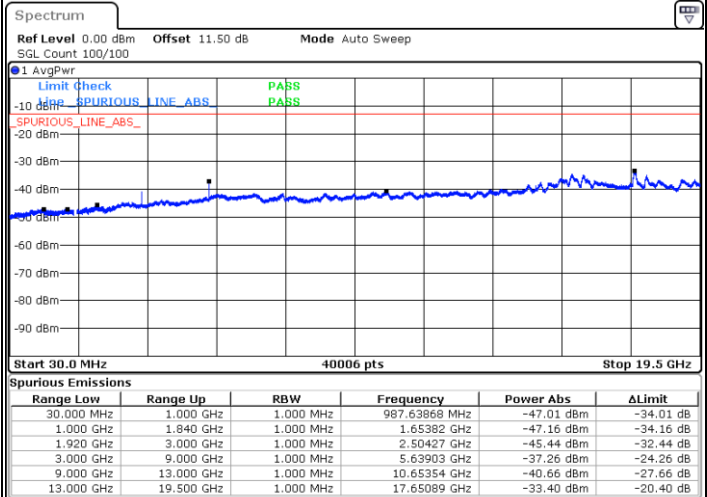
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK



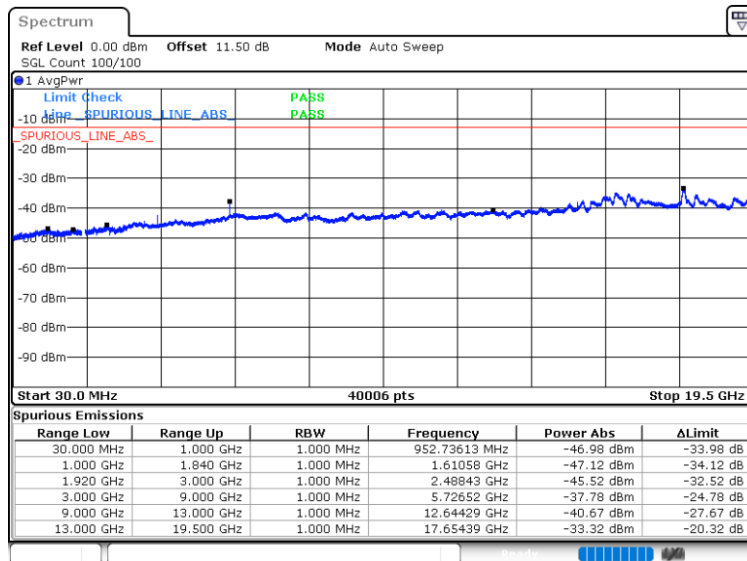
Date: 4.JAN.2023 14:04:38

Middle Channel / QPSK



Date: 4.JAN.2023 14:07:25

Highest Channel / QPSK

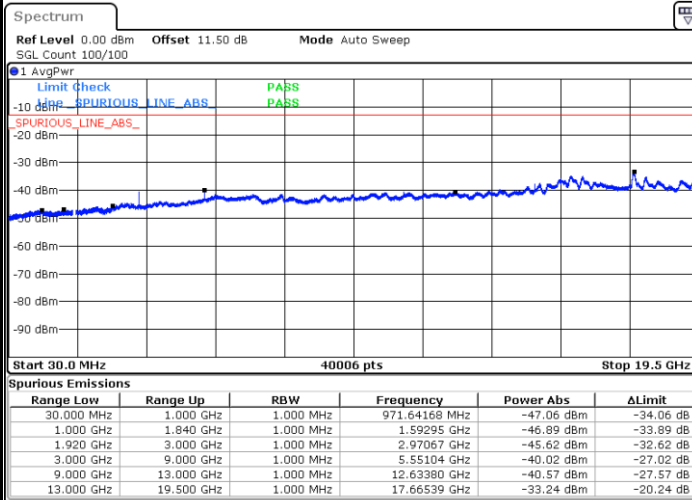


Date: 4.JAN.2023 14:12:11



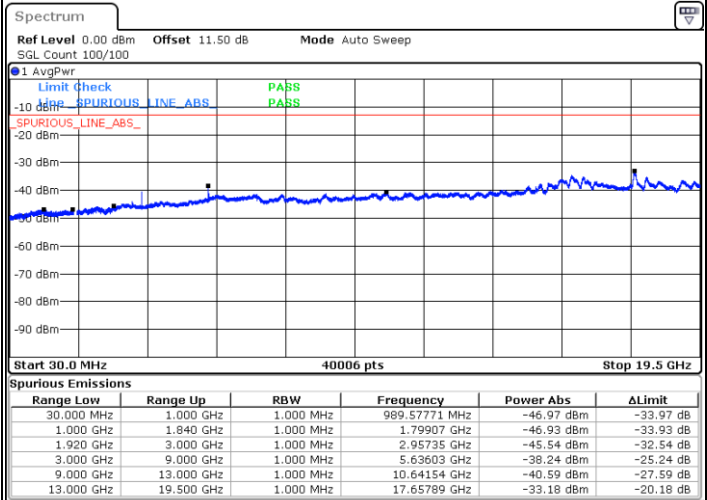
LTE Band 2 / 3MHz

Lowest Channel / QPSK



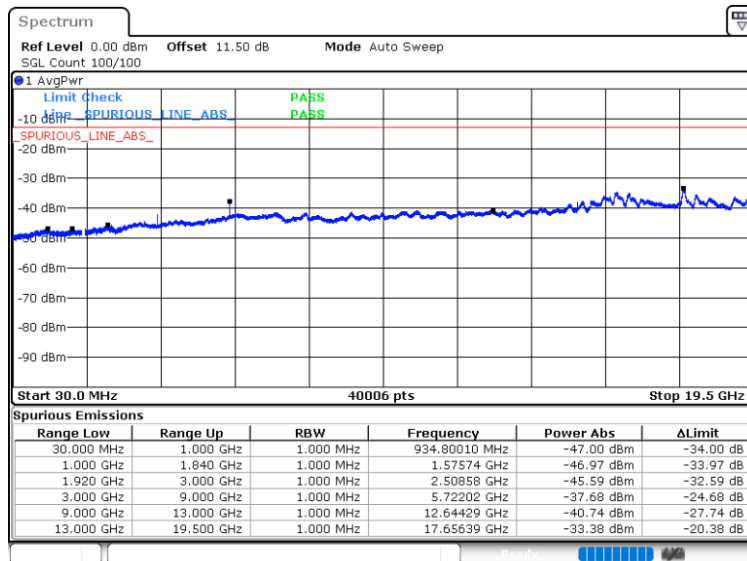
Date: 4.JAN.2023 14:16:45

Middle Channel / QPSK



Date: 4.JAN.2023 14:17:57

Highest Channel / QPSK

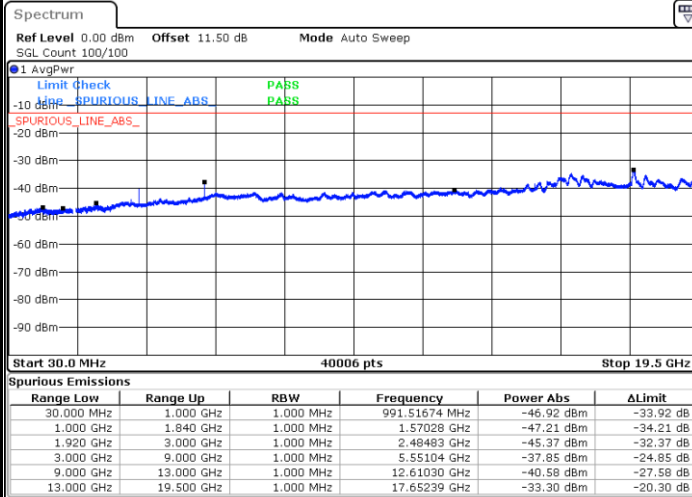


Date: 4.JAN.2023 14:19:10



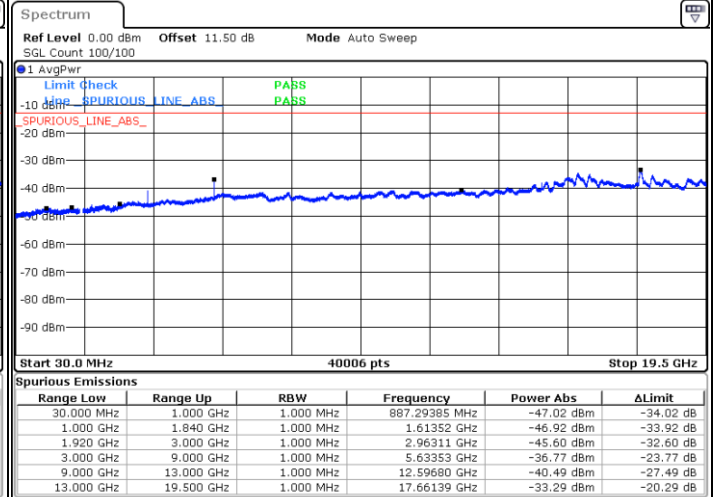
LTE Band 2 / 5MHz

Lowest Channel / QPSK



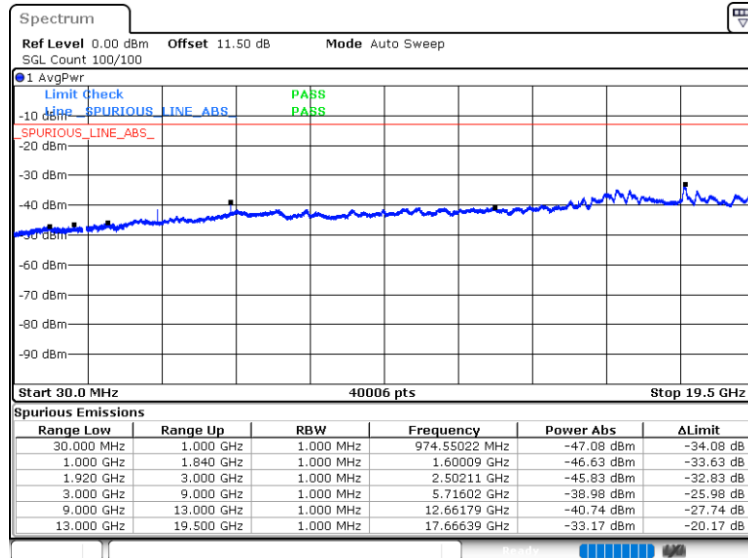
Date: 4.JAN.2023 14:31:30

Middle Channel / QPSK



Date: 4.JAN.2023 14:32:43

Highest Channel / QPSK

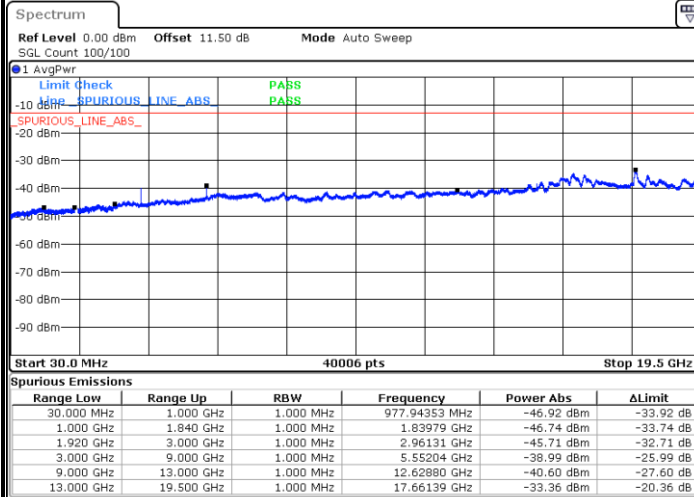


Date: 4.JAN.2023 14:33:55



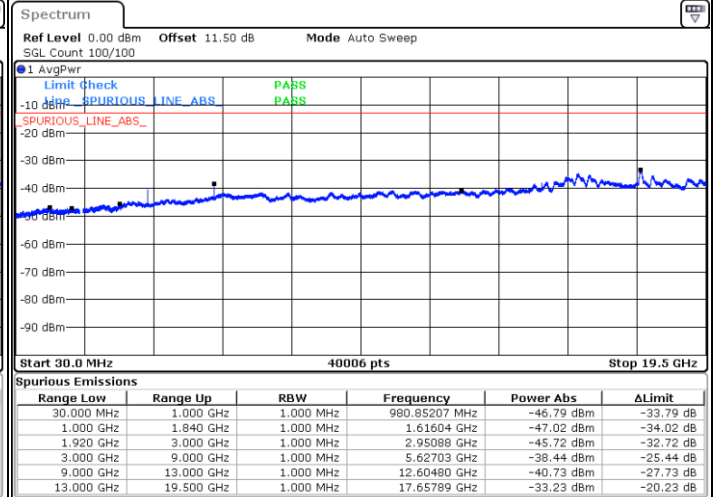
LTE Band 2 / 10MHz

Lowest Channel / QPSK



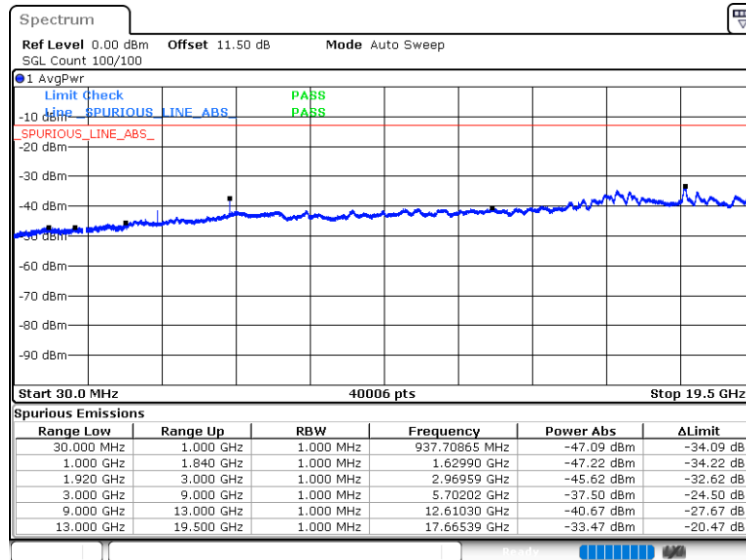
Date: 4.JAN.2023 14:39:23

Middle Channel / QPSK



Date: 4.JAN.2023 14:40:36

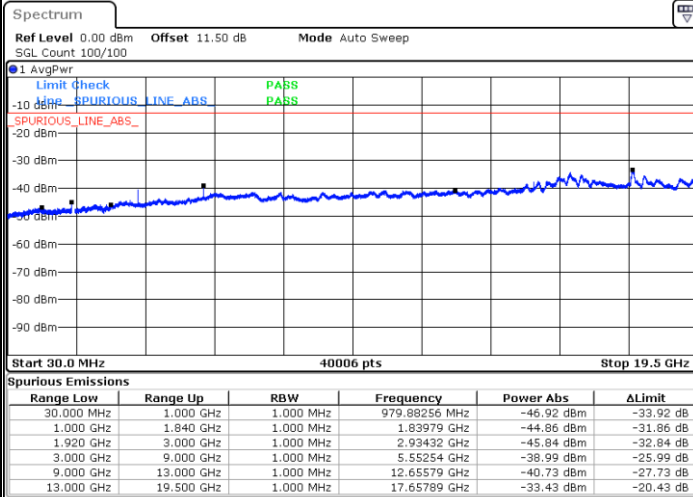
Highest Channel / QPSK



Date: 4.JAN.2023 14:41:49

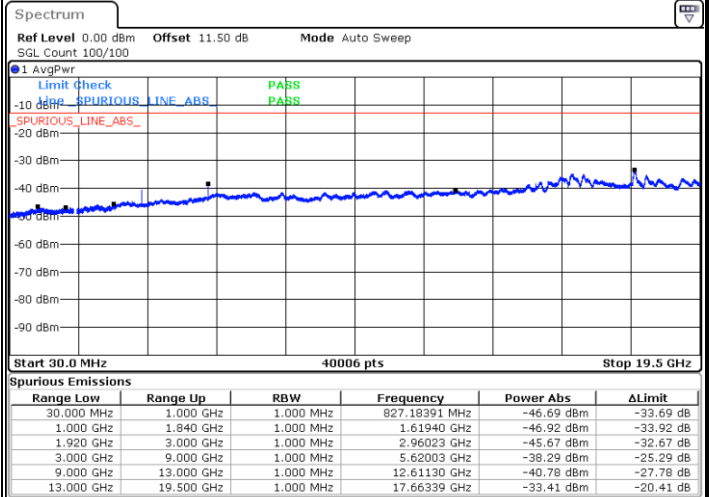
LTE Band 2 / 15MHz

Lowest Channel / QPSK



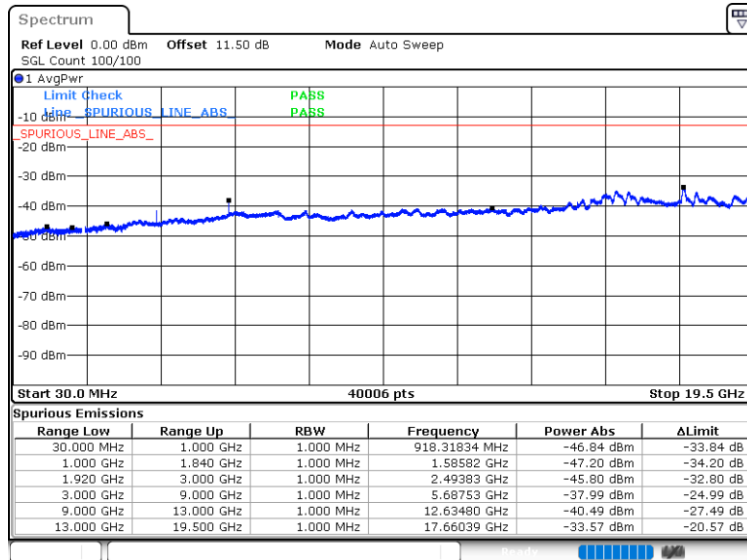
Date: 4.JAN.2023 14:54:09

Middle Channel / QPSK



Date: 4.JAN.2023 14:55:22

Highest Channel / QPSK

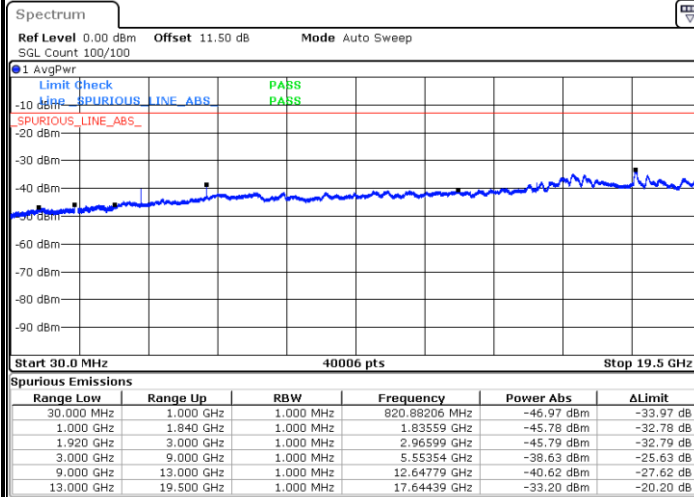


Date: 4.JAN.2023 14:56:35



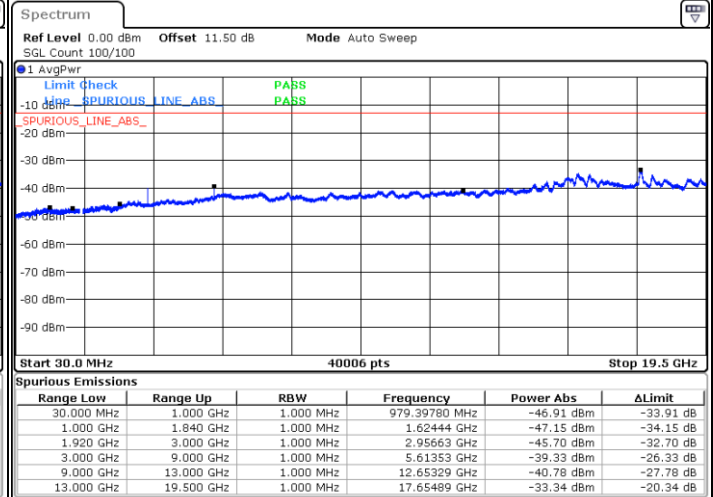
LTE Band 2 / 20MHz

Lowest Channel / QPSK



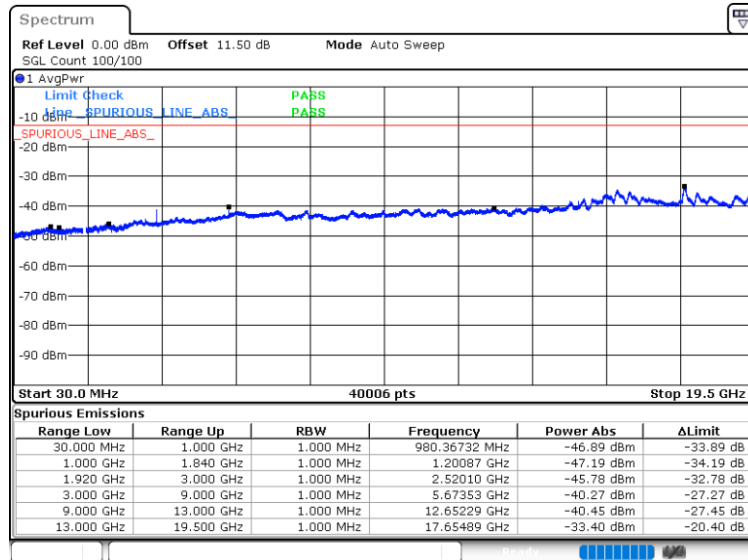
Date: 4.JAN.2023 15:07:37

Middle Channel / QPSK



Date: 4.JAN.2023 15:08:50

Highest Channel / QPSK



Date: 4.JAN.2023 15:10:03

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	0.0050	PASS
40	Normal Voltage	0.0035	
30	Normal Voltage	0.0010	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0010	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0053	
-30	Normal Voltage	0.0015	
20	Maximum Voltage	0.0054	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0011	

Note:

1. Normal Voltage = 4.2 V. ; Battery End Point (BEP) = 3.4 V. ; Maximum Voltage = 4.3 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 2C

26dB Bandwidth

Mode	LTE Band 2C : 26dB BW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.93	25.28	30.09	25.38	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	24.98	30.03	34.97	39.96

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.93	25.28	29.91	25.33	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.97	24.93	30.03	34.97	39.96

Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.23	30.03	25.43	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.93	29.91	34.97	39.96

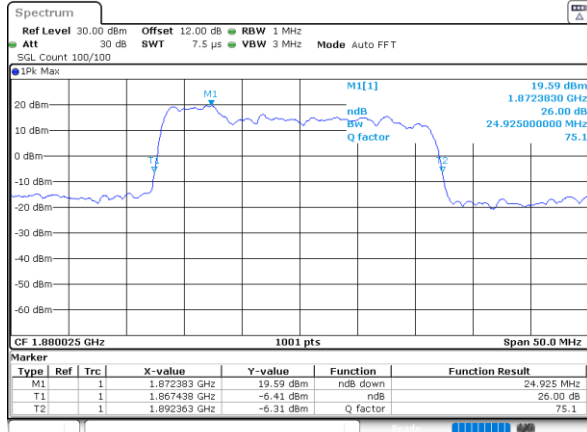
Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.33	29.91	25.28	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	24.93	30.15	34.97	40.04



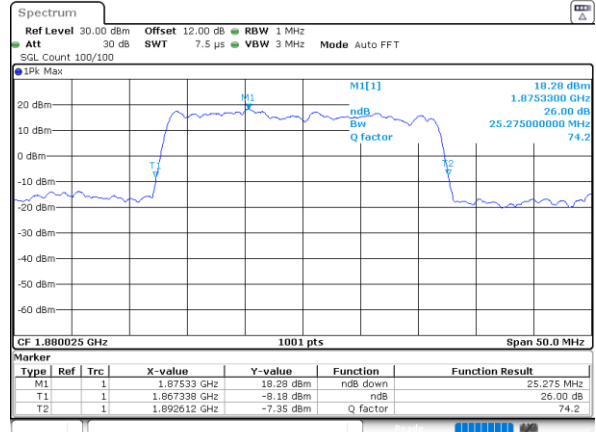
LTE Band 2C

QPSK

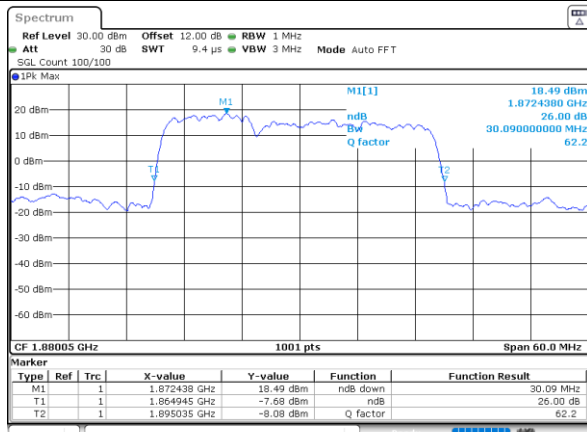
Middle Channel / 5MHz+20MHz



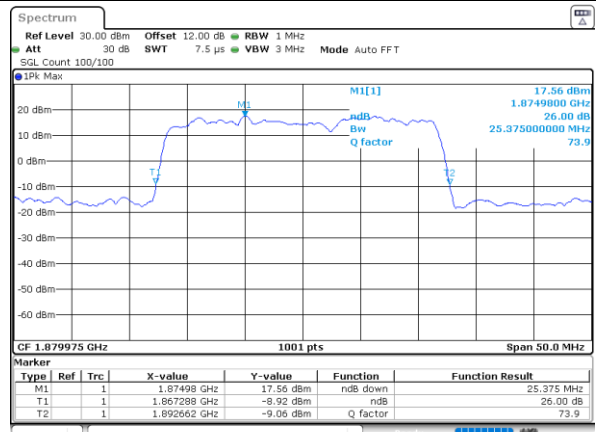
Middle Channel / 10MHz+15MHz



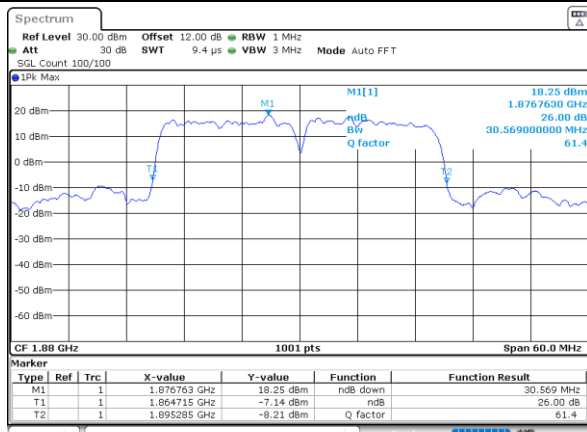
Middle Channel / 10MHz+20MHz



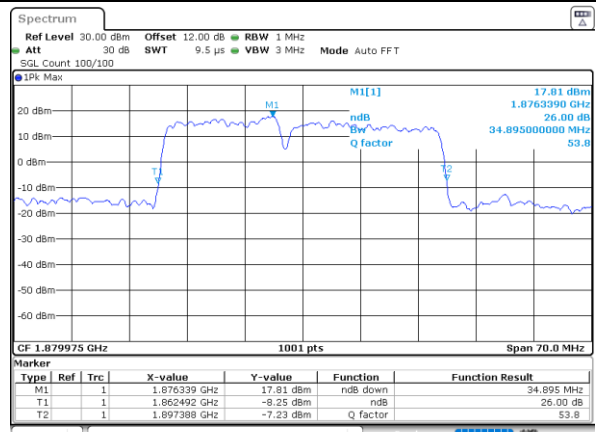
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz

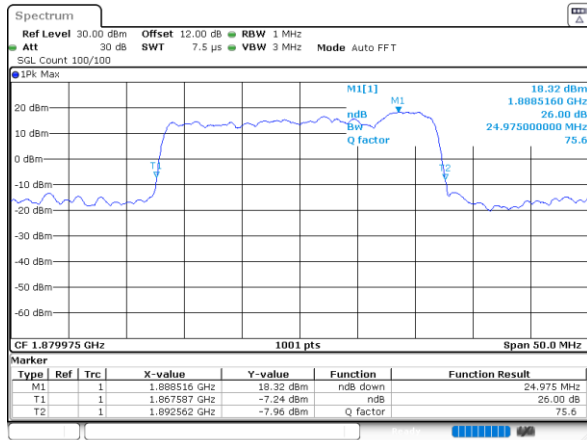


Middle Channel / 15MHz+20MHz

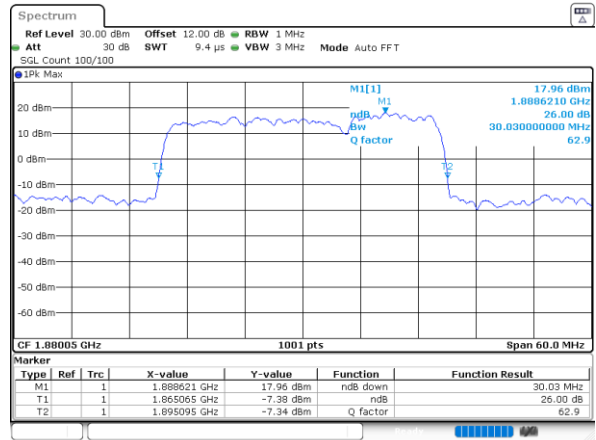


LTE Band 2C

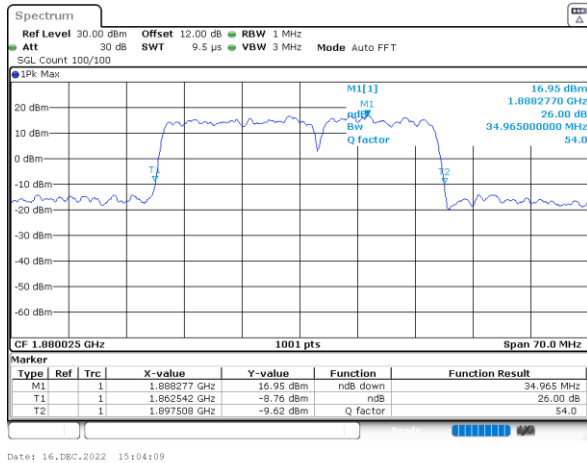
Middle Channel / 20MHz+5MHz



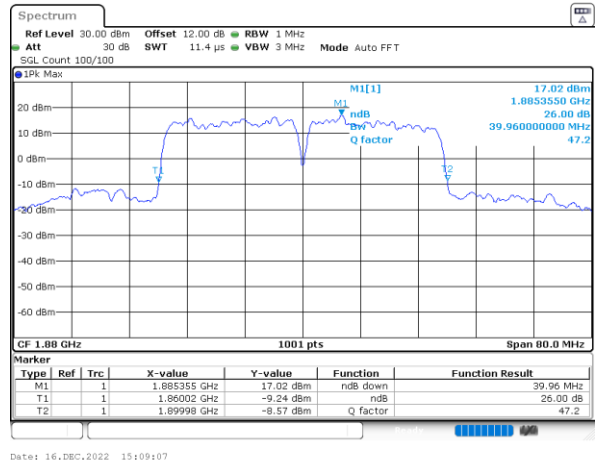
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



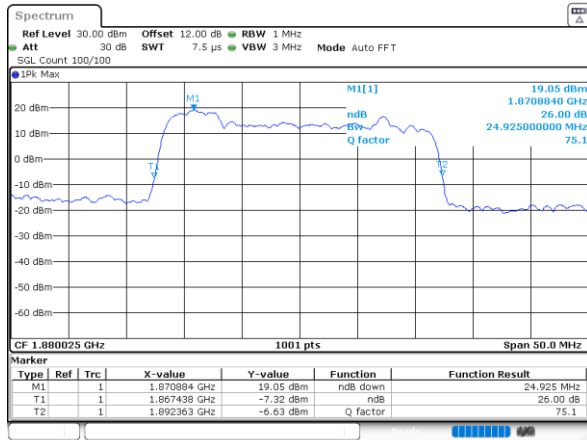
Middle Channel / 20MHz+20MHz



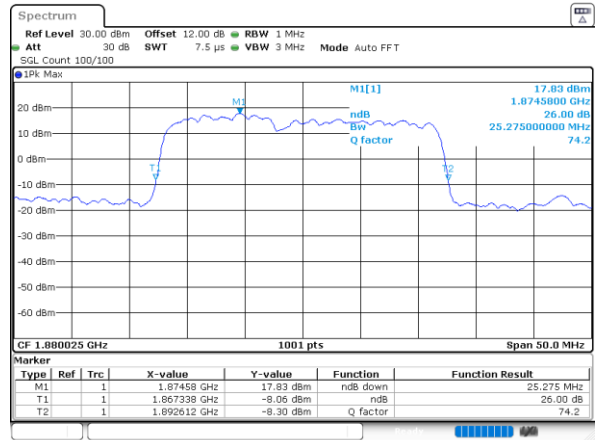


LTE Band 2C

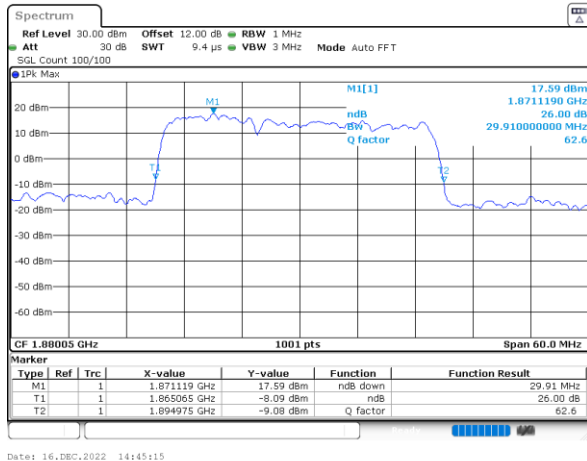
Middle Channel / 5MHz+20MHz



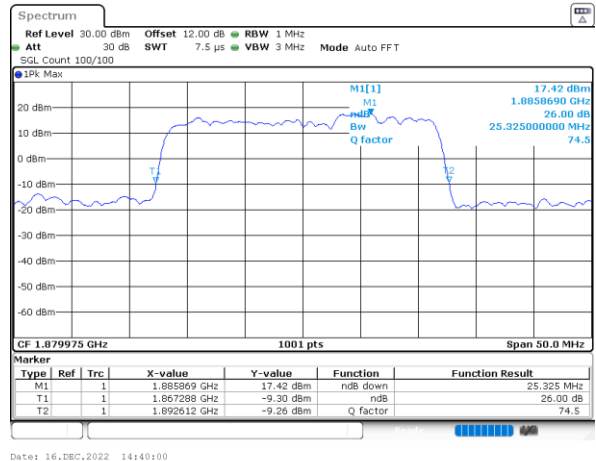
Middle Channel / 10MHz+15MHz



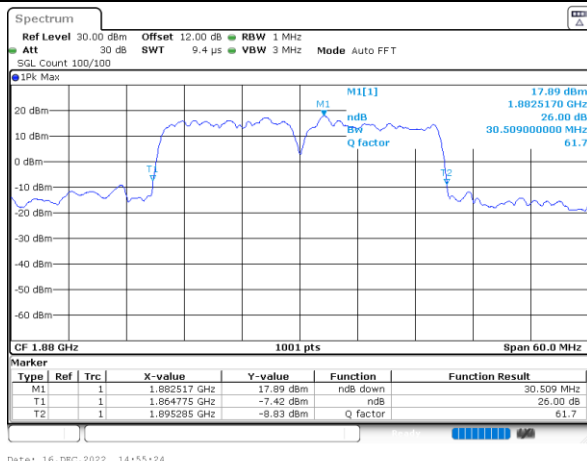
Middle Channel / 10MHz+20MHz



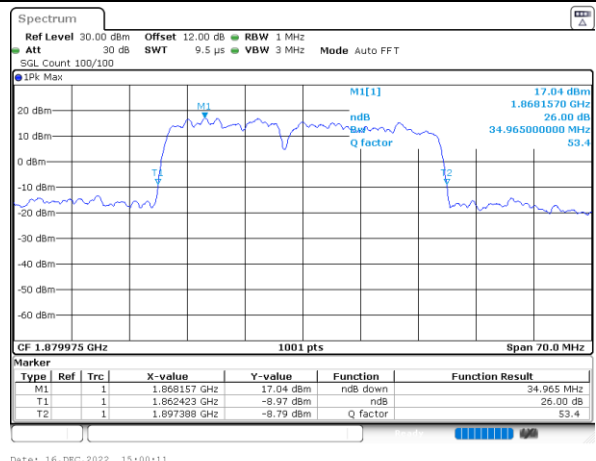
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

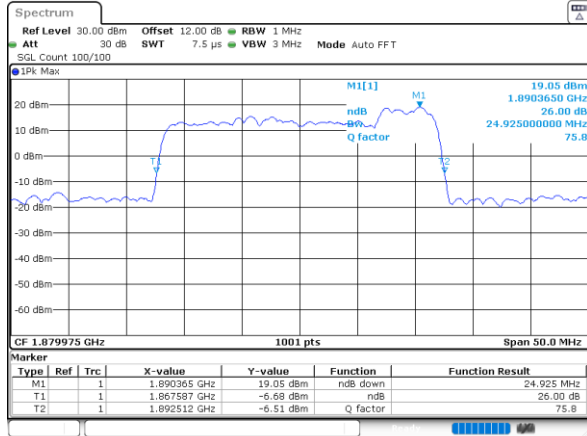




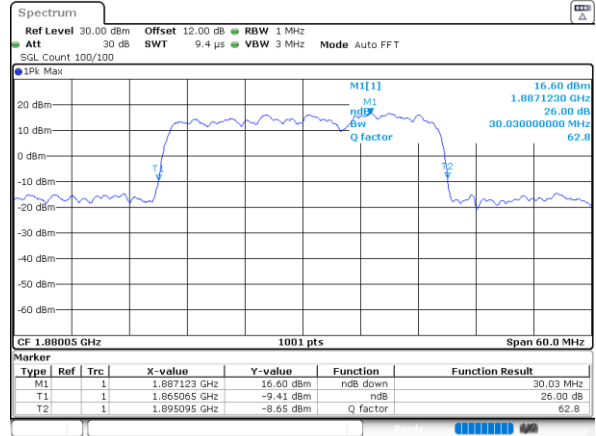
LTE Band 2C

16QAM

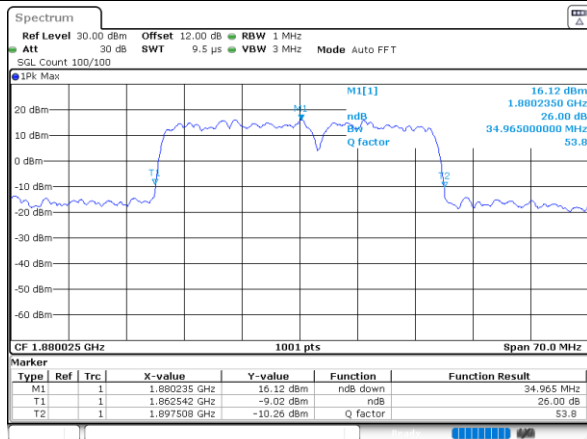
Middle Channel / 20MHz+5MHz



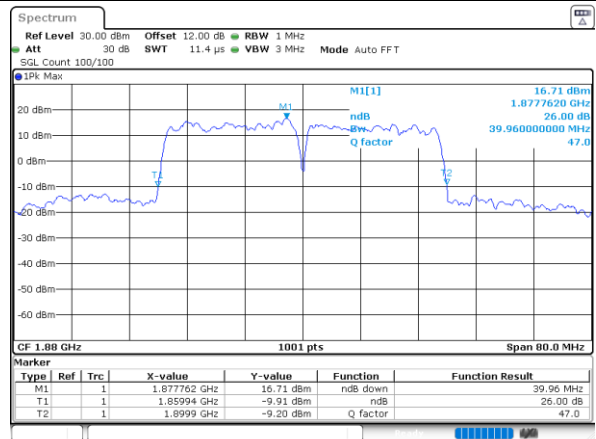
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

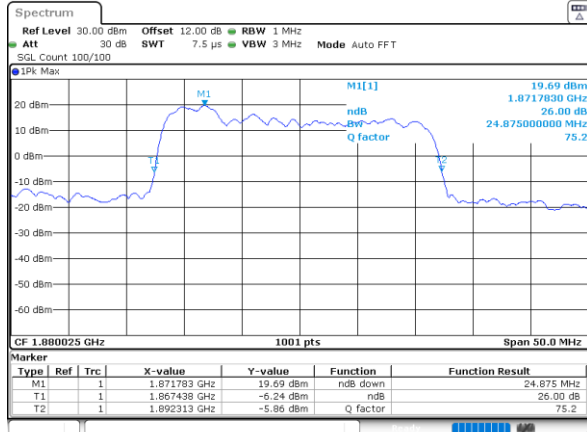




LTE Band 2C

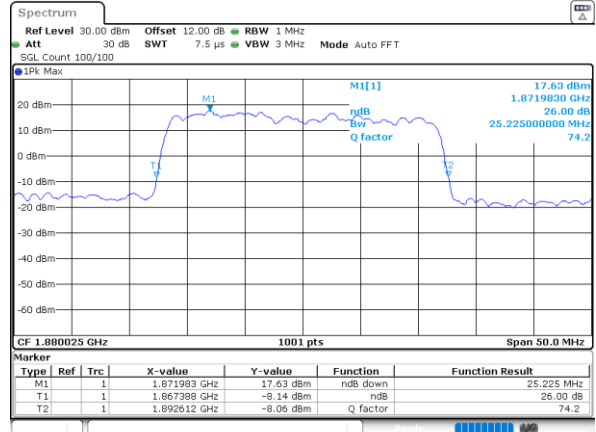
64QAM

Middle Channel / 5MHz+20MHz



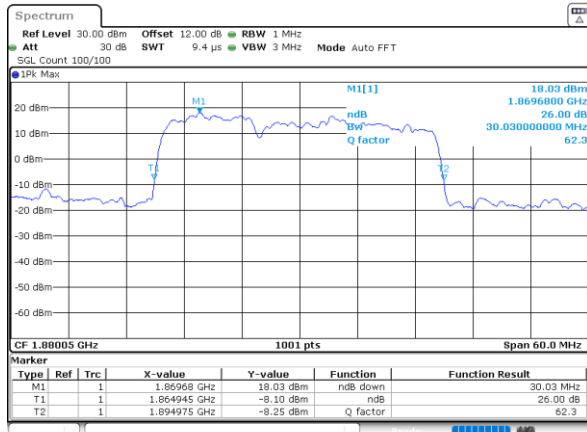
Date: 16,DEC,2022 14:25:32

Middle Channel / 10MHz+15MHz



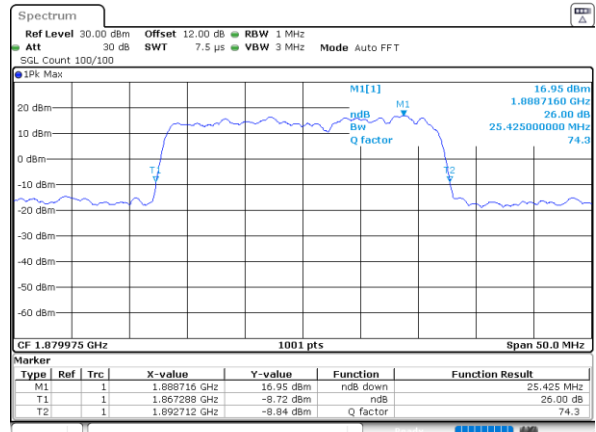
Date: 16,DEC,2022 14:36:01

Middle Channel / 10MHz+20MHz



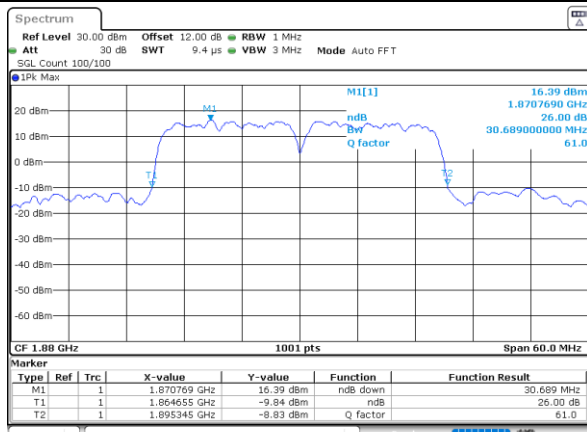
Date: 16,DEC,2022 14:46:31

Middle Channel / 15MHz+10MHz



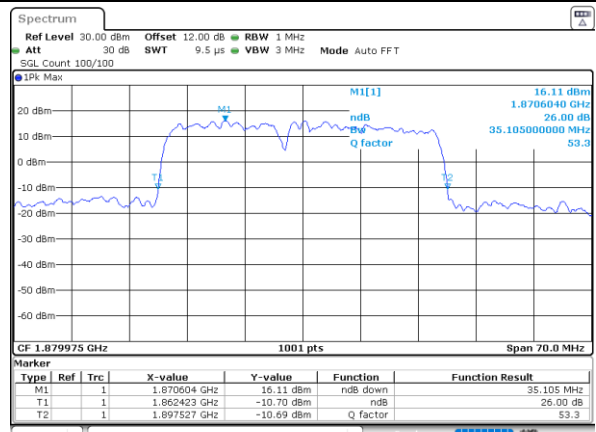
Date: 16,DEC,2022 14:41:16

Middle Channel / 15MHz+15MHz



Date: 16,DEC,2022 14:56:29

Middle Channel / 15MHz+20MHz



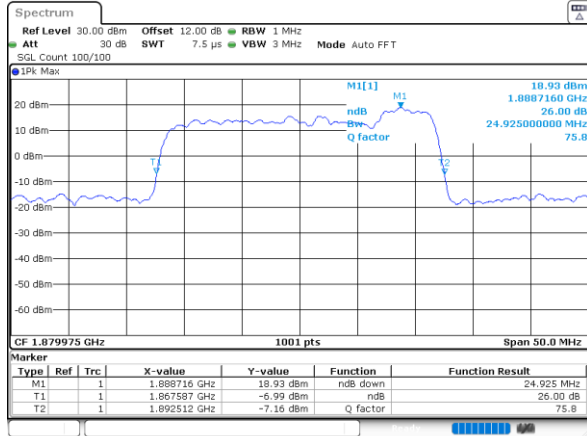
Date: 16,DEC,2022 15:01:27



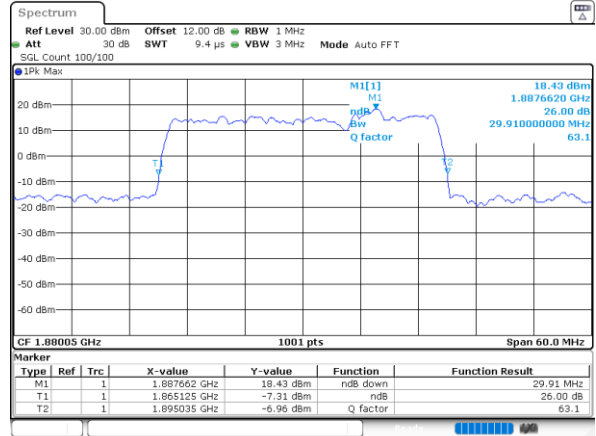
LTE Band 2C

64QAM

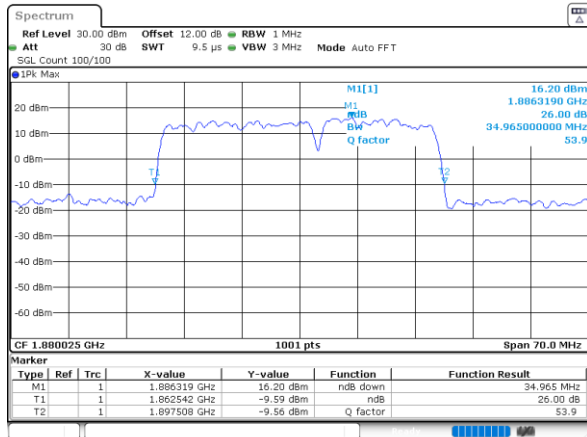
Middle Channel / 20MHz+5MHz



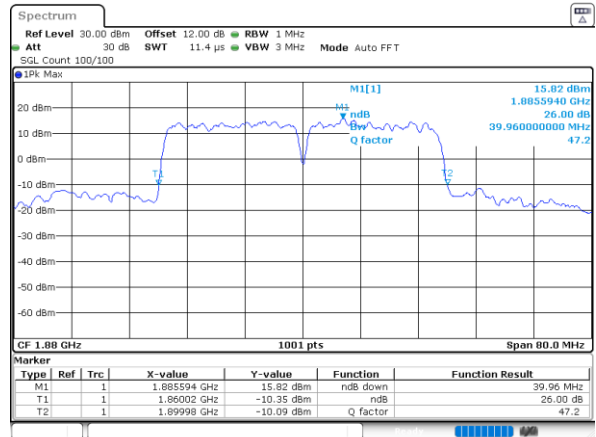
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

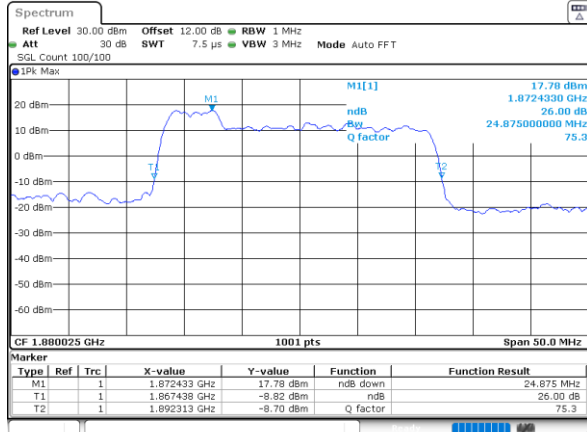




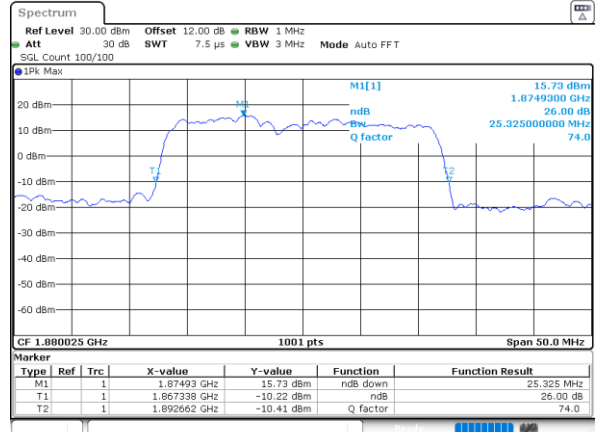
LTE Band 2C

256QAM

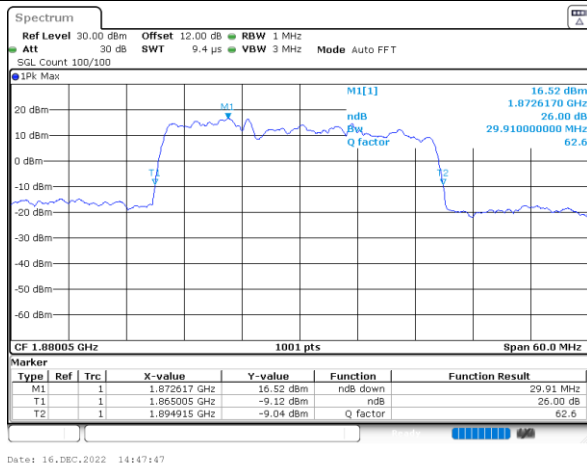
Middle Channel / 5MHz+20MHz



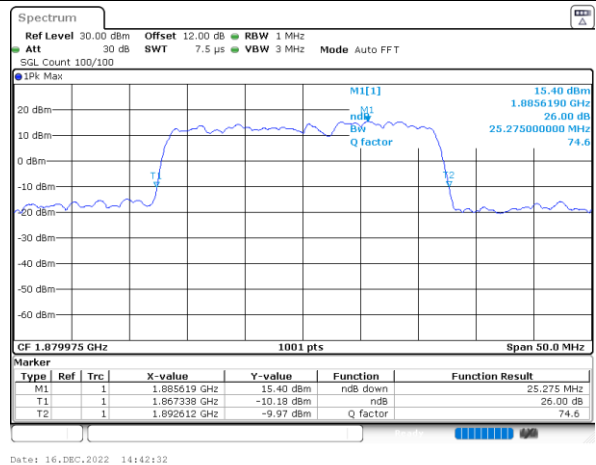
Middle Channel / 10MHz+15MHz



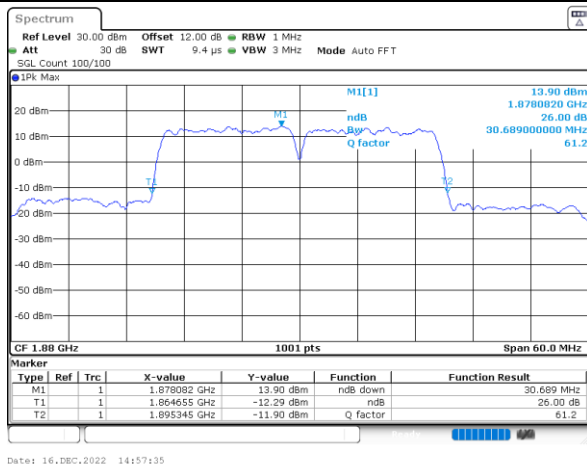
Middle Channel / 10MHz+20MHz



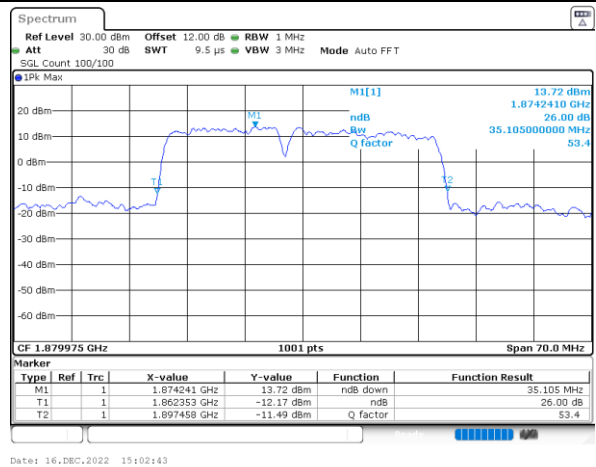
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

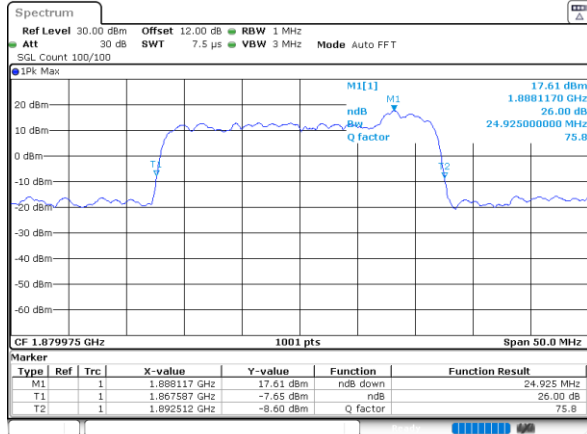




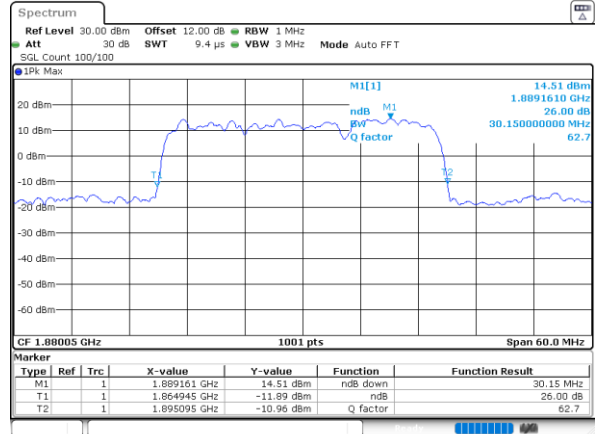
LTE Band 2C

256QAM

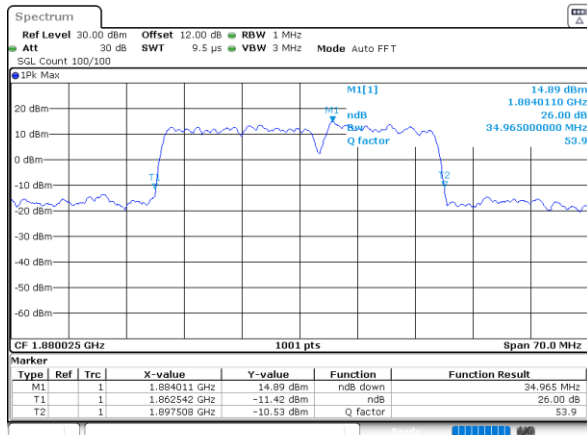
Middle Channel / 20MHz+5MHz



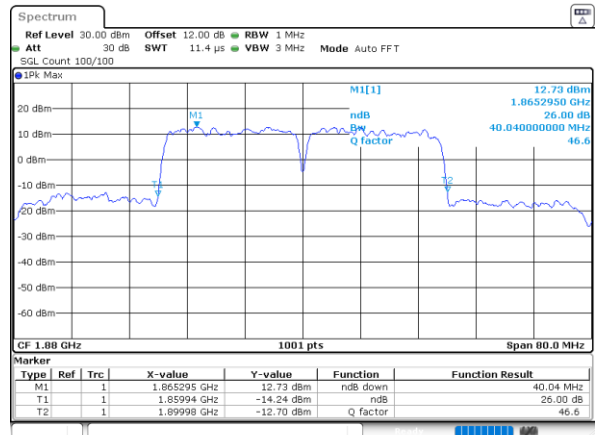
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 2C : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.33	23.53	27.87	23.33	28.41
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.18	28.17	32.80	37.72

Mode	LTE Band 2C : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.13	23.33	27.93	23.33	28.71
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.73	23.43	28.17	32.73	37.88

Mode	LTE Band 2C : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.28	23.28	28.05	23.48	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	32.59	23.08	27.81	32.73	37.80

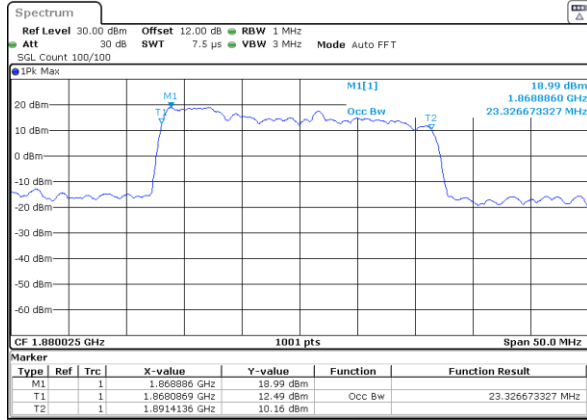
Mode	LTE Band 2C : 99%OBW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	23.38	23.43	27.87	23.58	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	33.01	23.18	27.81	32.73	37.72



LTE Band 2C

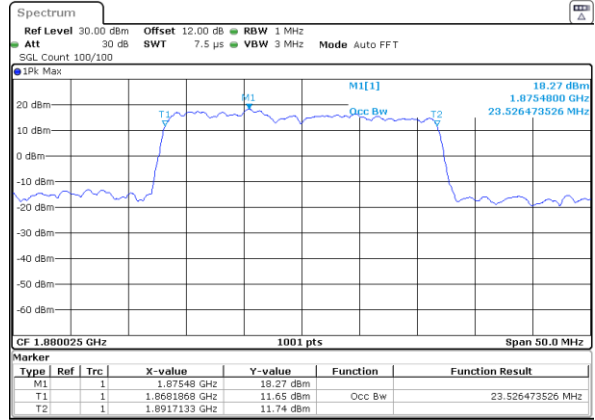
QPSK

Middle Channel / 5MHz+20MHz



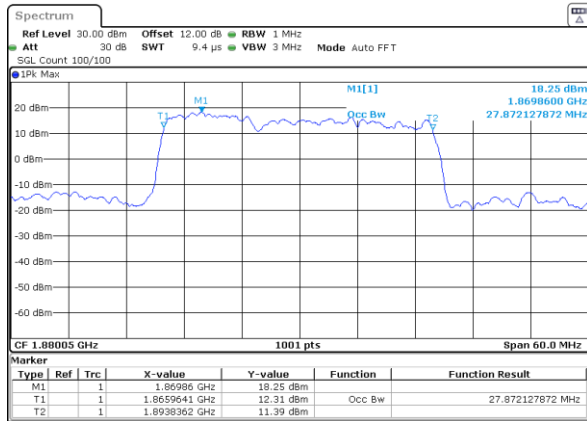
Date: 16, DEC, 2022 14:22:22

Middle Channel / 10MHz+15MHz



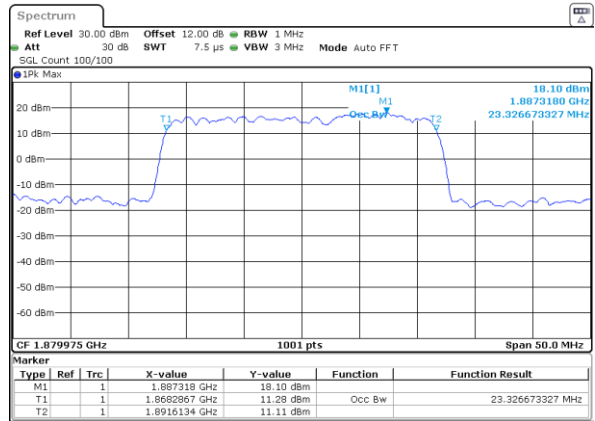
Date: 16, DEC, 2022 14:32:51

Middle Channel / 10MHz+20MHz



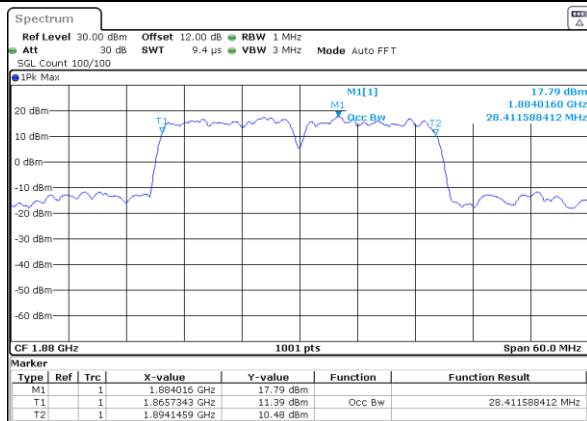
Date: 16, DEC, 2022 14:43:21

Middle Channel / 15MHz+10MHz



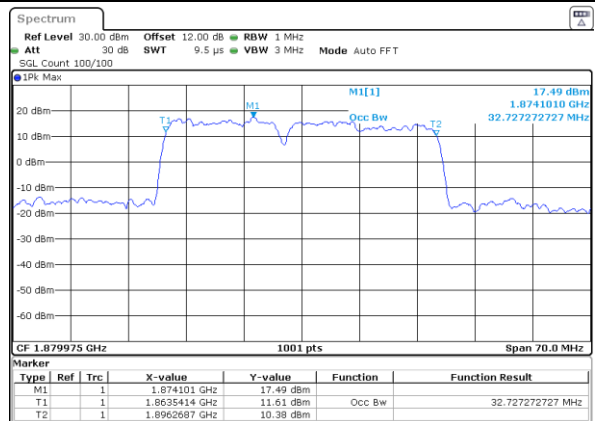
Date: 16, DEC, 2022 14:38:06

Middle Channel / 15MHz+15MHz



Date: 16, DEC, 2022 14:53:46

Middle Channel / 15MHz+20MHz



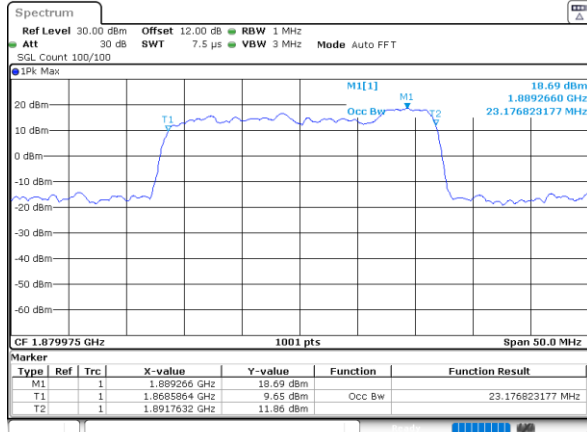
Date: 16, DEC, 2022 14:58:17



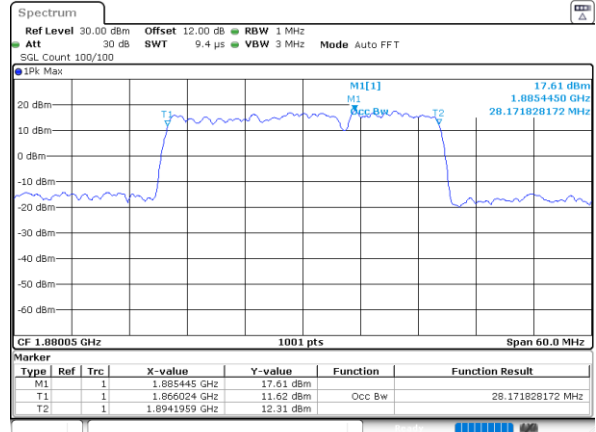
LTE Band 2C

QPSK

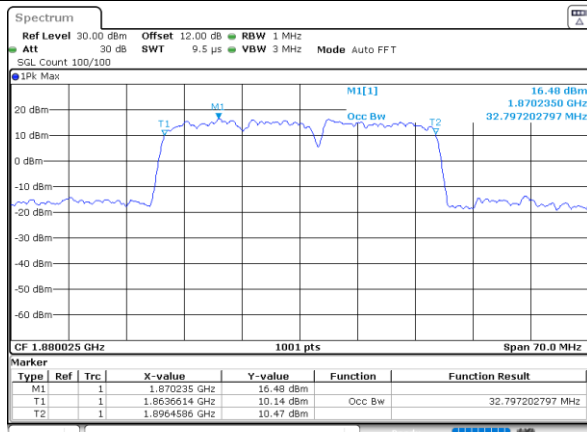
Middle Channel / 20MHz+5MHz



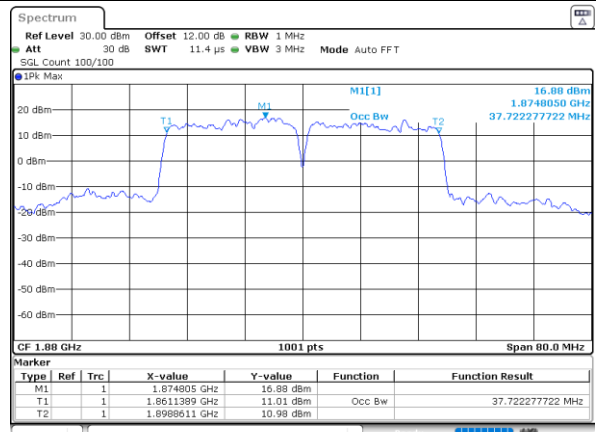
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

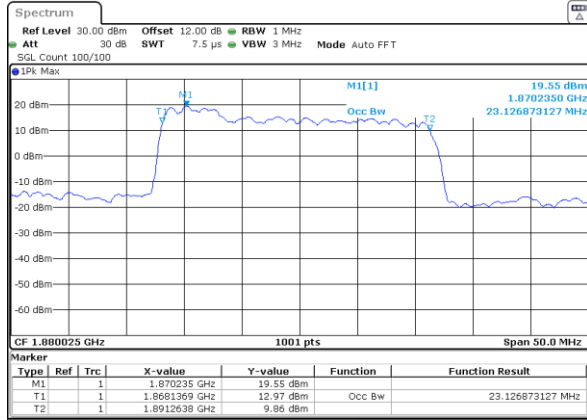




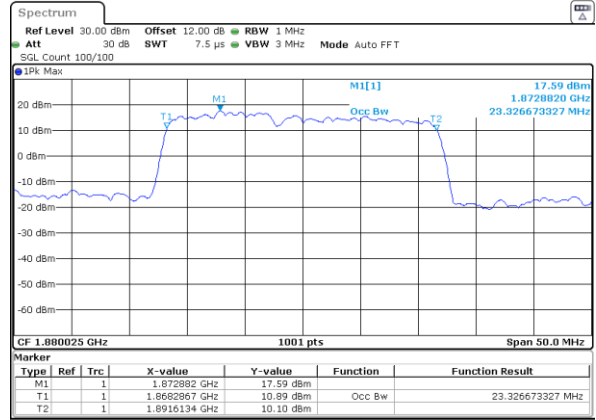
LTE Band 2C

16QAM

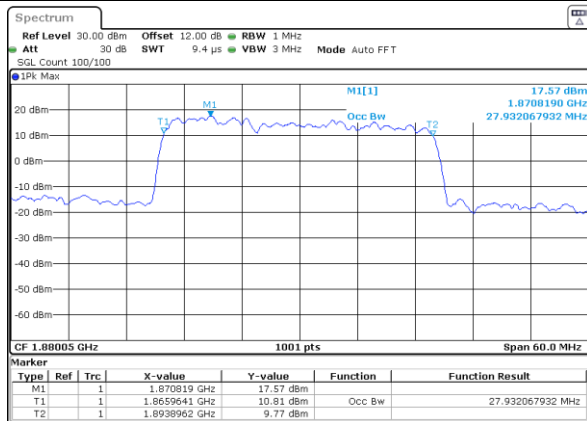
Middle Channel / 5MHz+20MHz



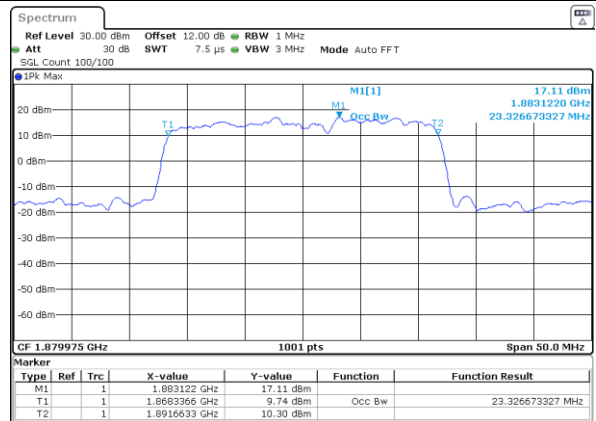
Middle Channel / 10MHz+15MHz



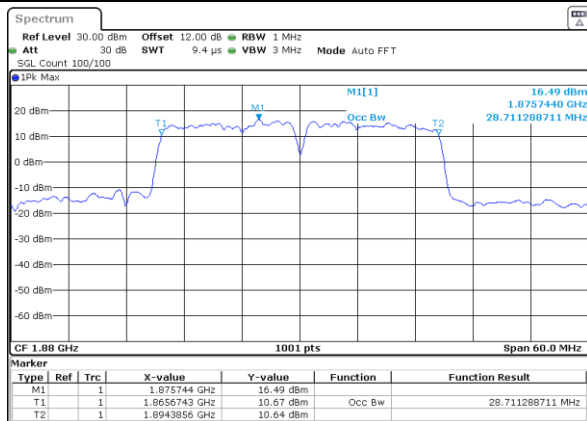
Middle Channel / 10MHz+20MHz



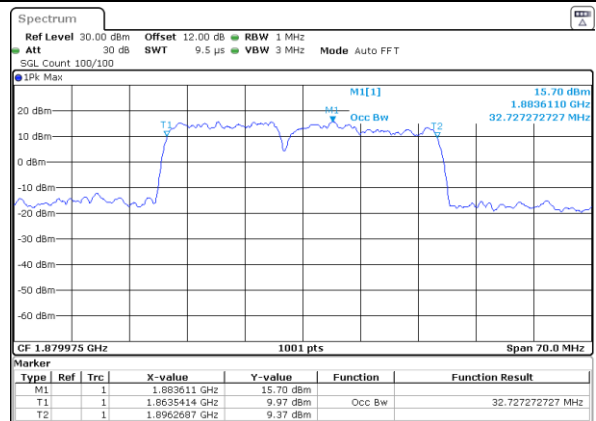
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

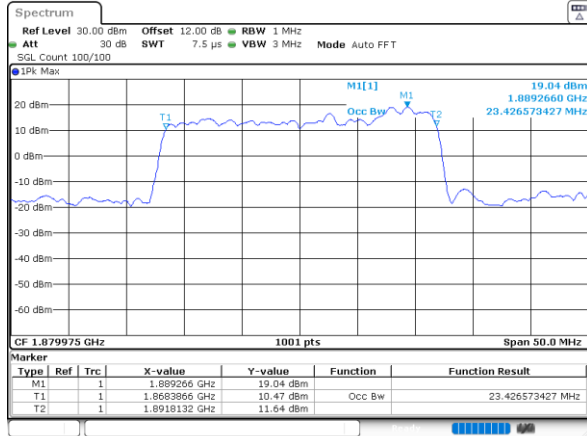




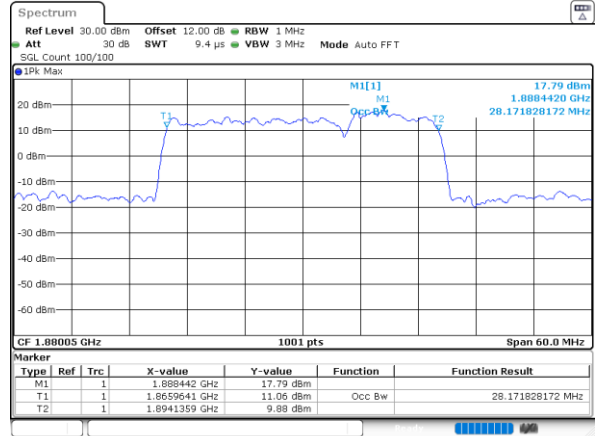
LTE Band 2C

16QAM

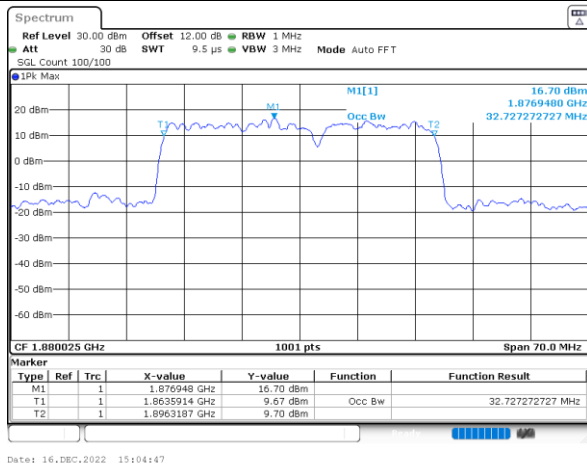
Middle Channel / 20MHz+5MHz



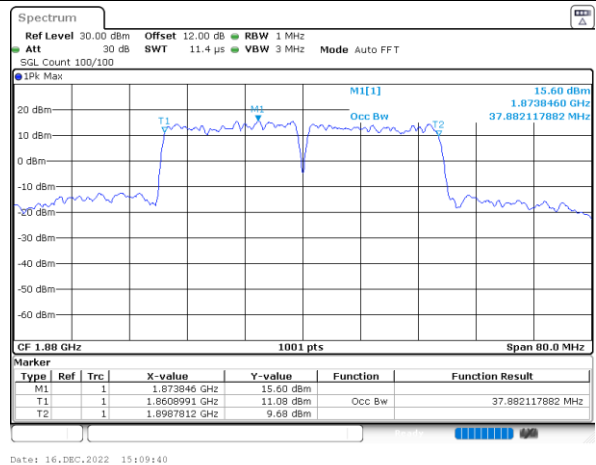
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

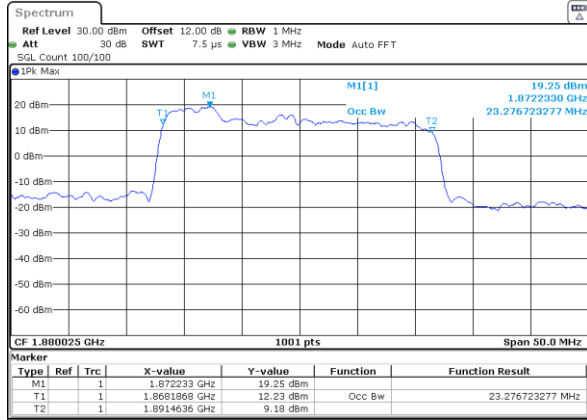




LTE Band 2C

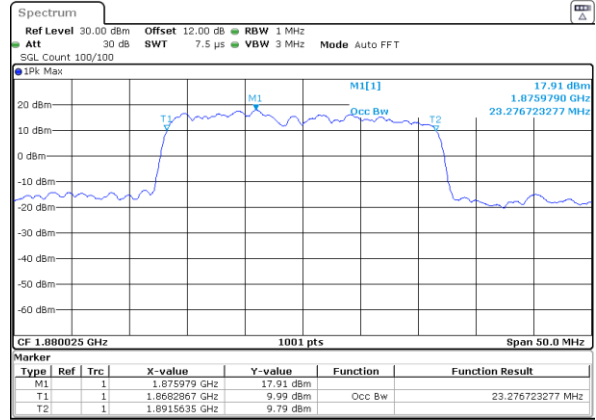
64QAM

Middle Channel / 5MHz+20MHz



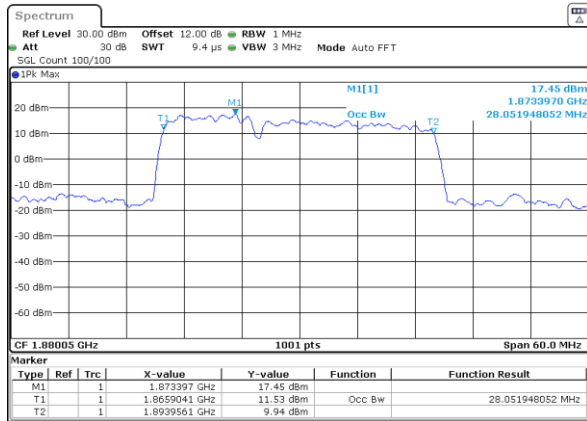
Date: 16,DEC,2022 14:24:54

Middle Channel / 10MHz+15MHz



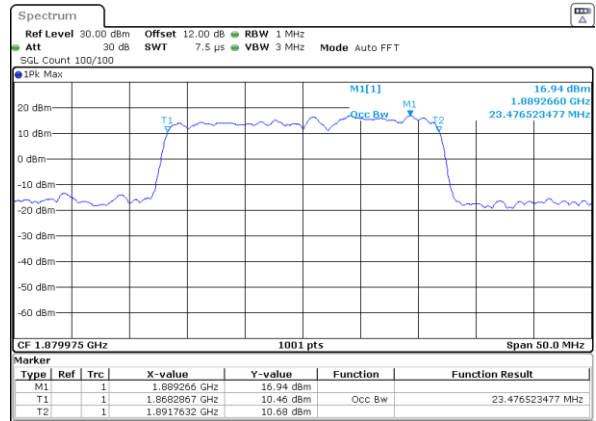
Date: 16,DEC,2022 14:35:24

Middle Channel / 10MHz+20MHz



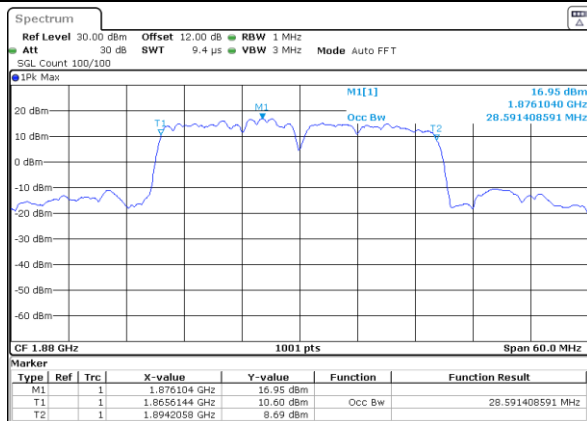
Date: 16,DEC,2022 14:45:53

Middle Channel / 15MHz+10MHz



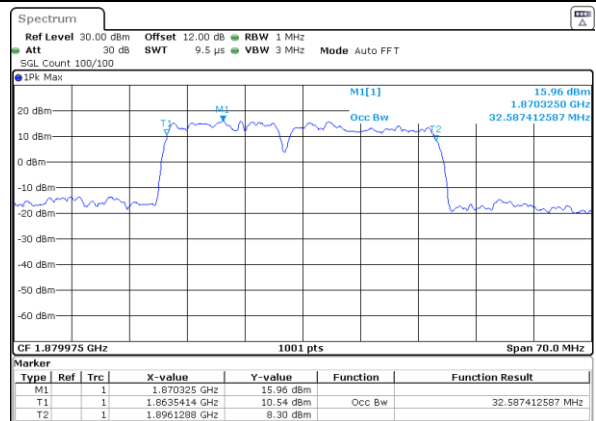
Date: 16,DEC,2022 14:40:38

Middle Channel / 15MHz+15MHz



Date: 16,DEC,2022 14:55:57

Middle Channel / 15MHz+20MHz



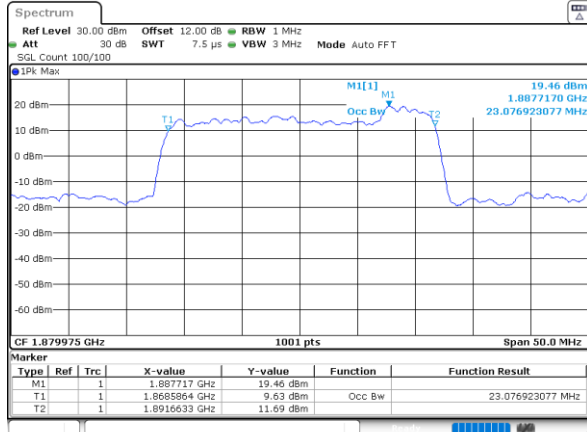
Date: 16,DEC,2022 15:00:49



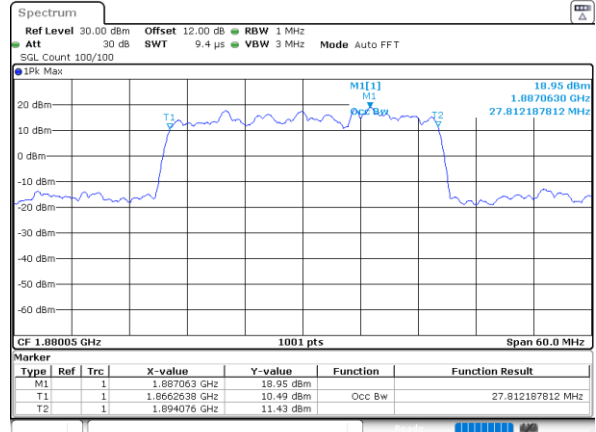
LTE Band 2C

64QAM

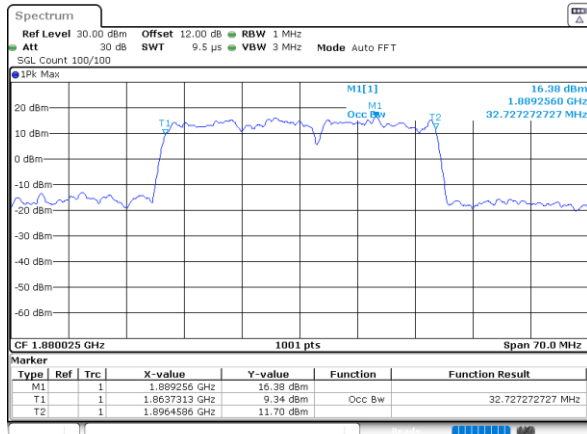
Middle Channel / 20MHz+5MHz



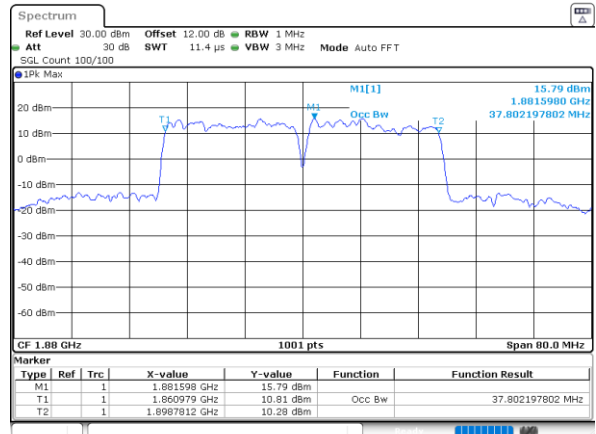
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Middle Channel / 20MHz+20MHz

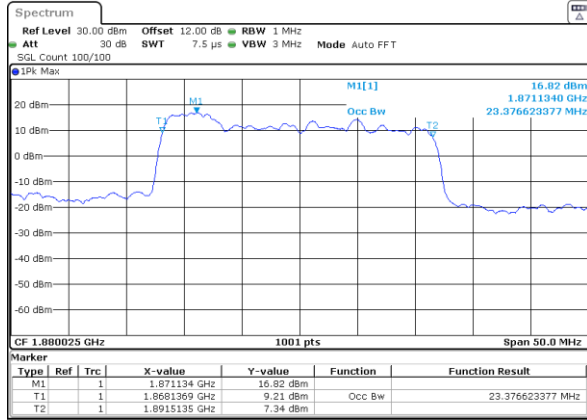




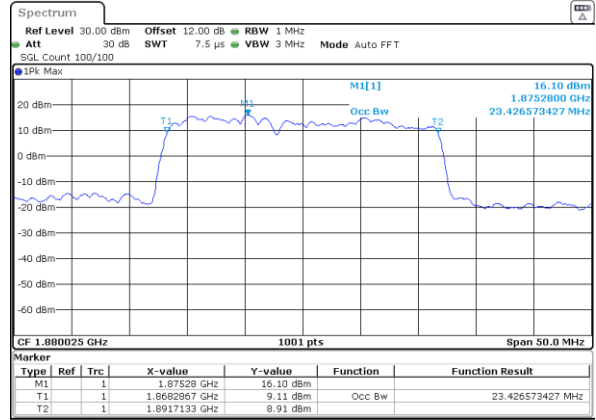
LTE Band 2C

256QAM

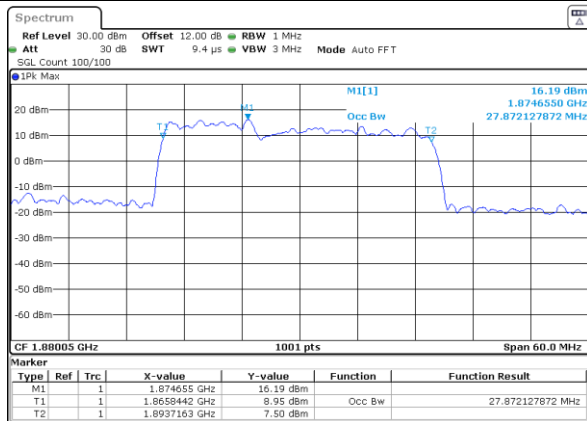
Middle Channel / 5MHz+20MHz



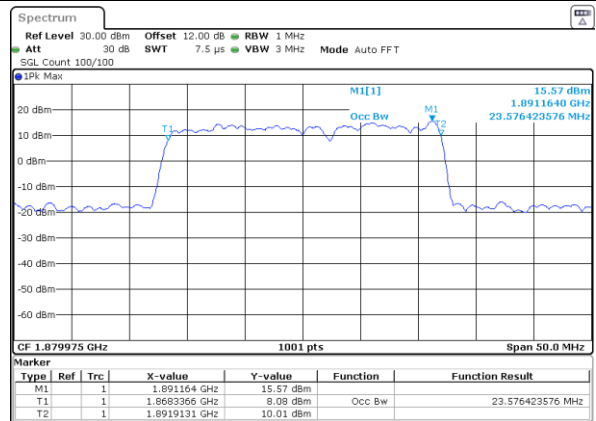
Middle Channel / 10MHz+15MHz



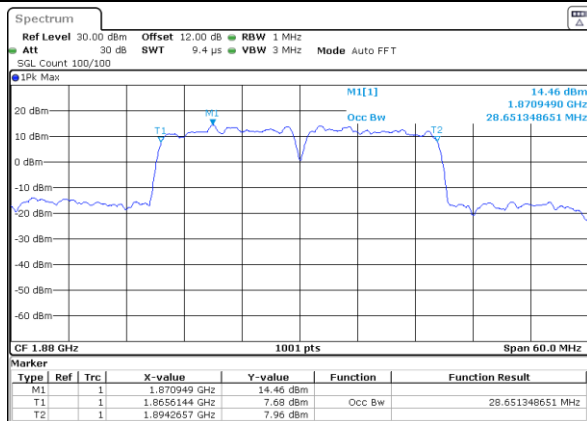
Middle Channel / 10MHz+20MHz



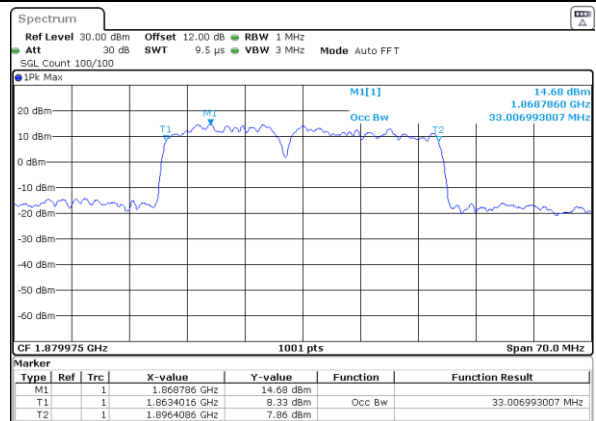
Middle Channel / 15MHz+10MHz



Middle Channel / 15MHz+15MHz



Middle Channel / 15MHz+20MHz

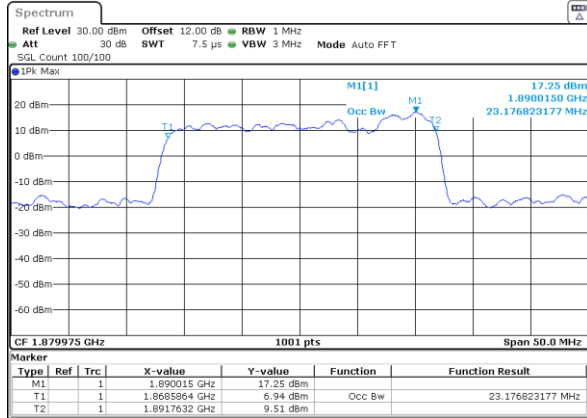




LTE Band 2C

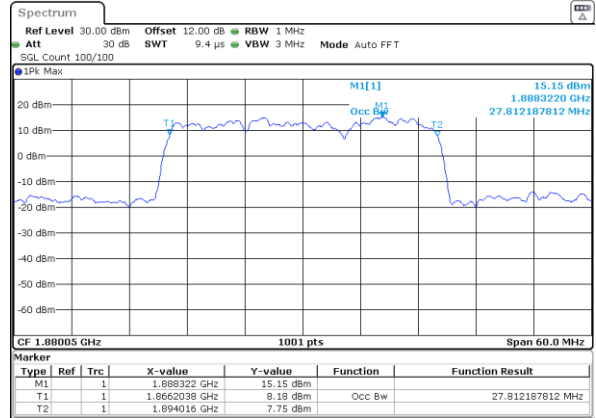
256QAM

Middle Channel / 20MHz+5MHz



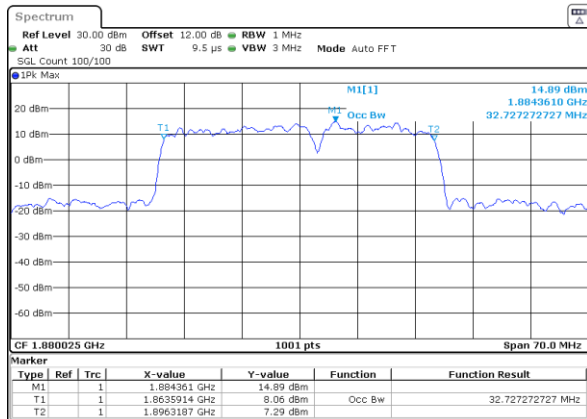
Date: 16.DEC.2022 14:31:25

Middle Channel / 20MHz+10MHz



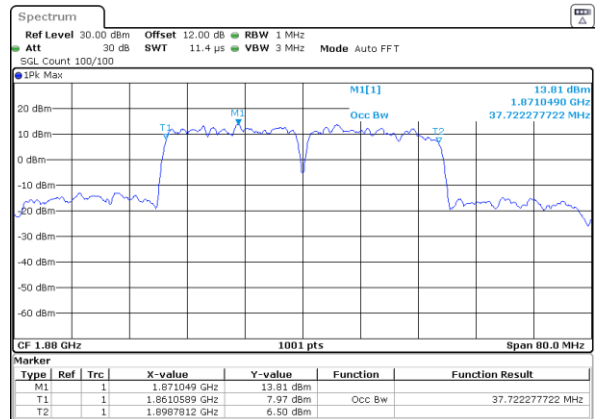
Date: 16.DEC.2022 14:52:24

Middle Channel / 20MHz+15MHz



Date: 16.DEC.2022 15:07:19

Middle Channel / 20MHz+20MHz



Date: 16.DEC.2022 15:11:51

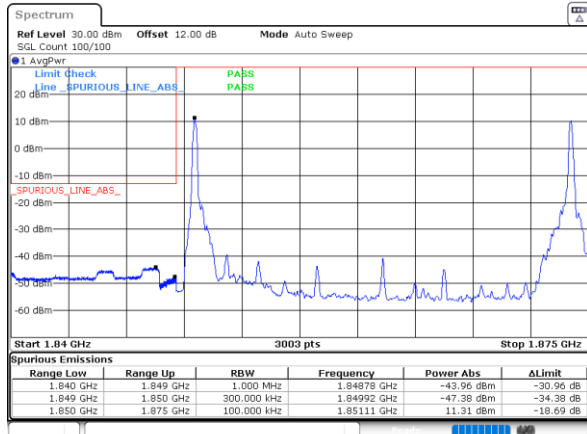


Conducted Band Edge

LTE Band 2C / 5MHz+20MHz

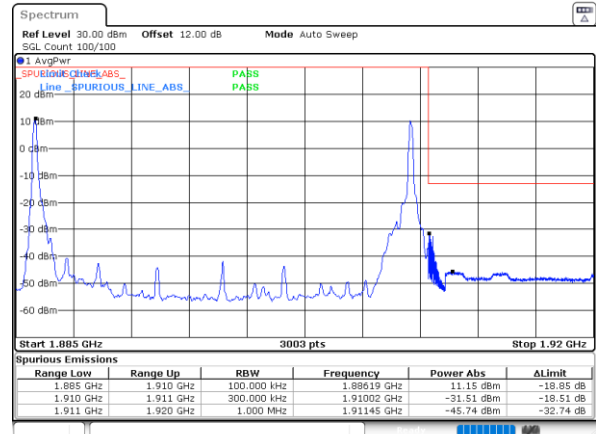
QPSK

Lowest Band Edge / 1RB0 and 1RB99



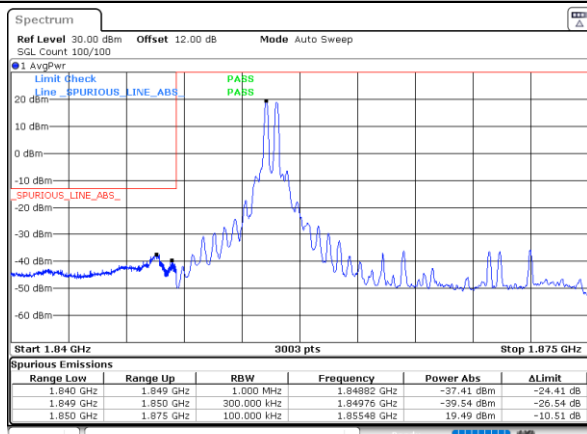
Date: 16.DEC.2022 00:56:19

Highest Band Edge / 1RB0 and 1RB99



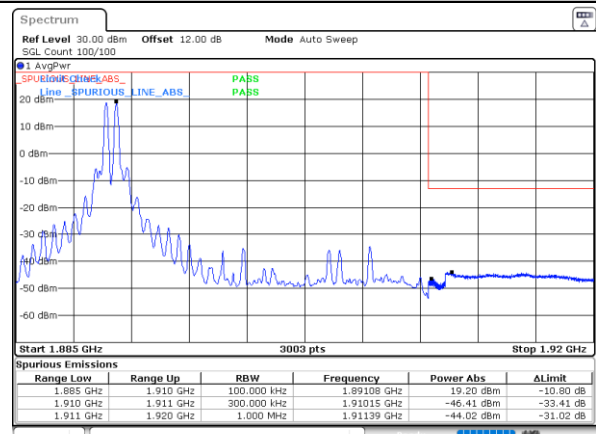
Date: 16.DEC.2022 01:12:17

Lowest Band Edge / 1RB24 and 1RB0



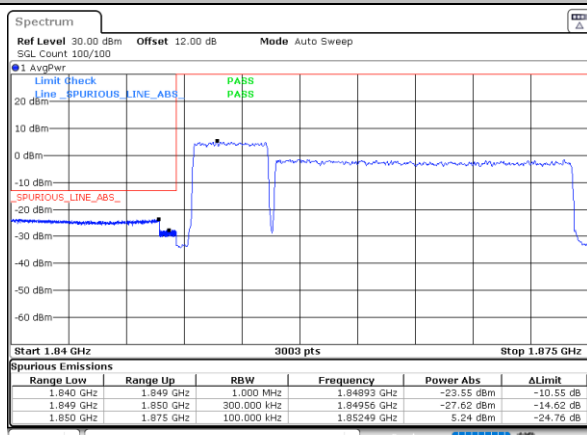
Date: 16.DEC.2022 00:57:26

Highest Band Edge / 1RB24 and 1RB0



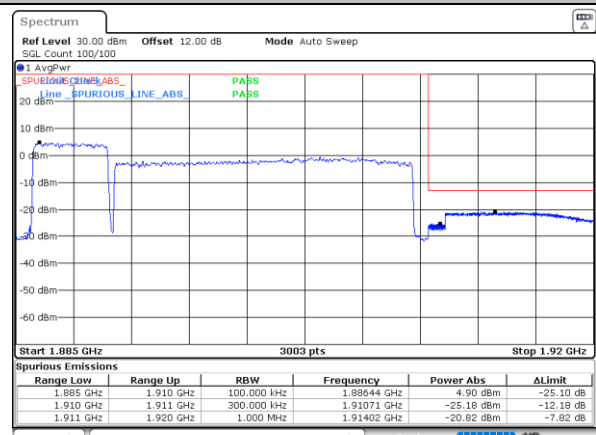
Date: 16.DEC.2022 01:13:25

Lowest Band Edge / Full RB



Date: 16.DEC.2022 00:55:11

Highest Band Edge / Full RB



Date: 16.DEC.2022 01:11:10