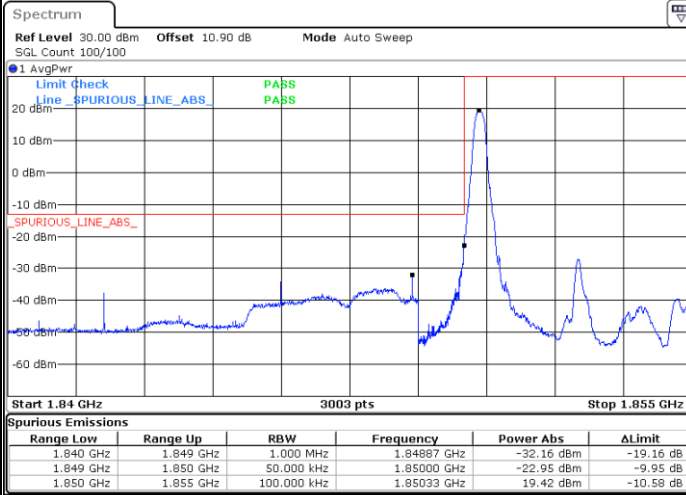




LTE Band 2 / 5MHz / 64QAM

Lowest Band Edge / 1RB



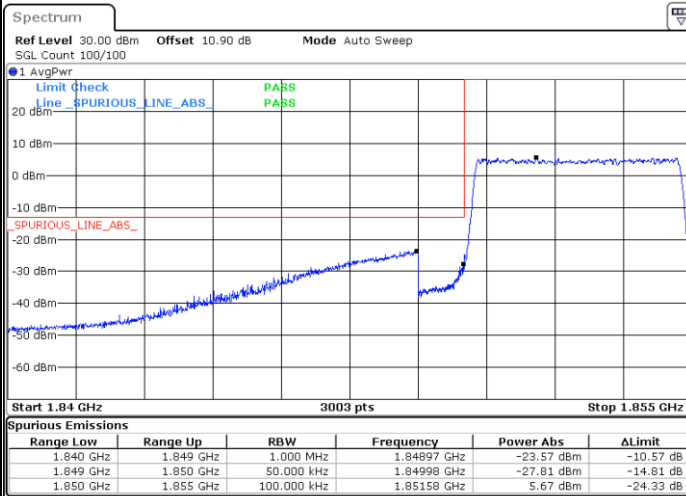
Date: 9.AUG.2022 00:32:05

Highest Band Edge / 1 RB



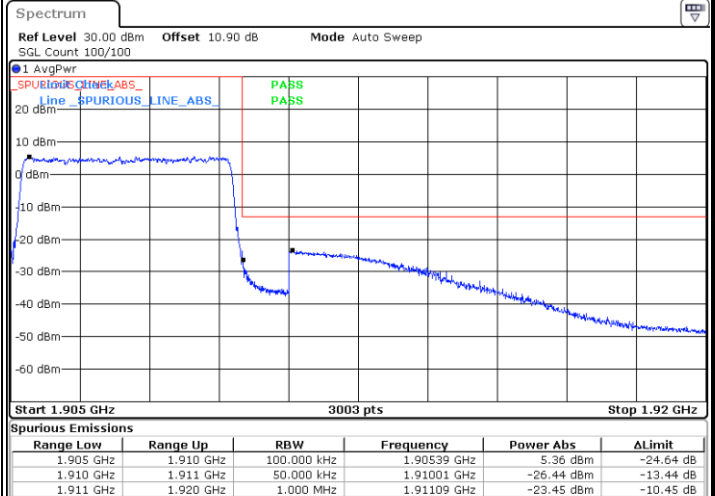
Date: 9.AUG.2022 00:34:55

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:33:08

Highest Band Edge / Full RB

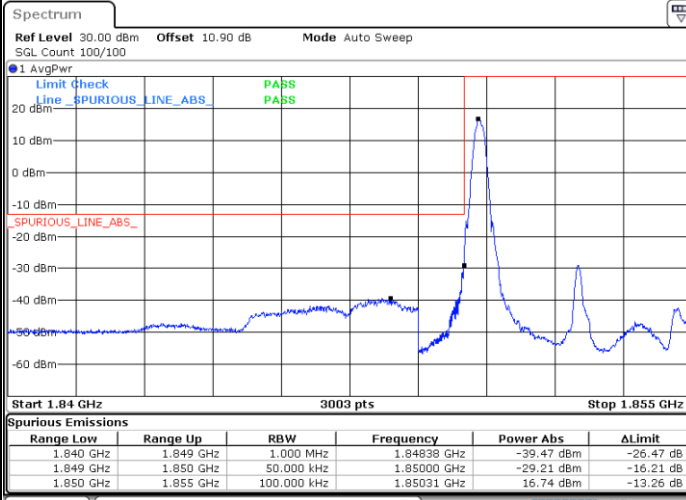


Date: 9.AUG.2022 00:35:58



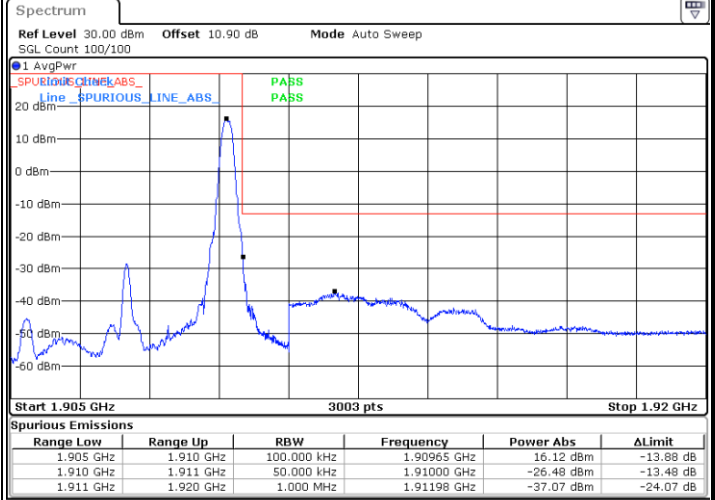
LTE Band 2 / 5MHz / 256QAM

Lowest Band Edge / 1RB



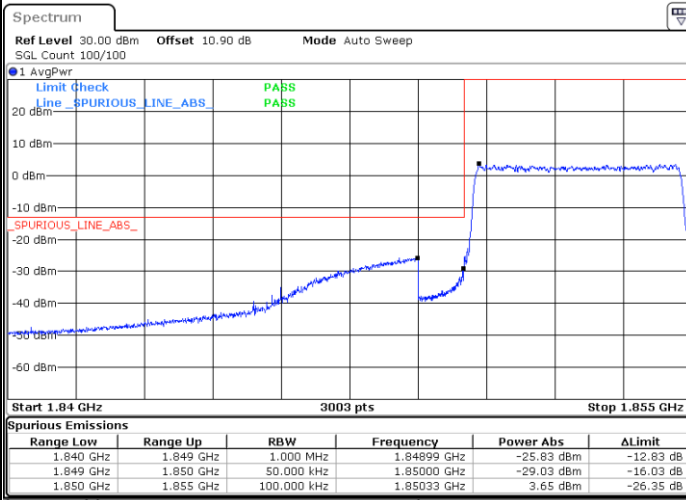
Date: 9.AUG.2022 01:47:52

Highest Band Edge / 1 RB



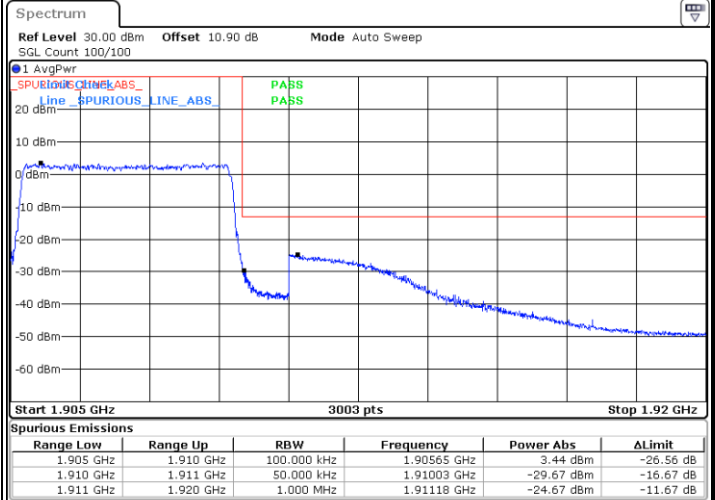
Date: 9.AUG.2022 01:50:45

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:48:58

Highest Band Edge / Full RB

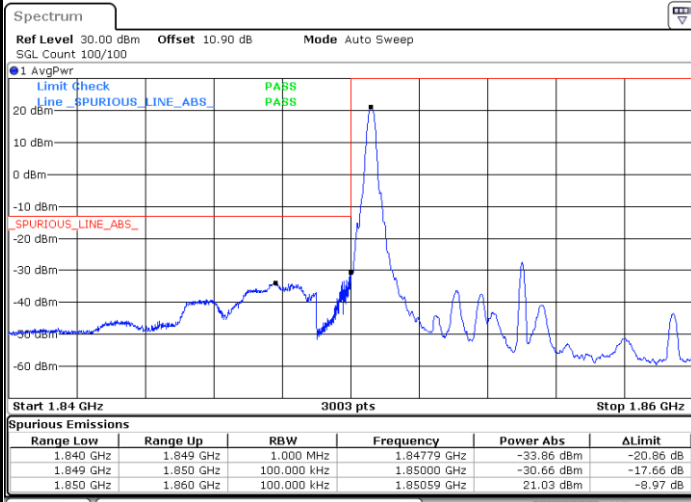


Date: 9.AUG.2022 01:51:51



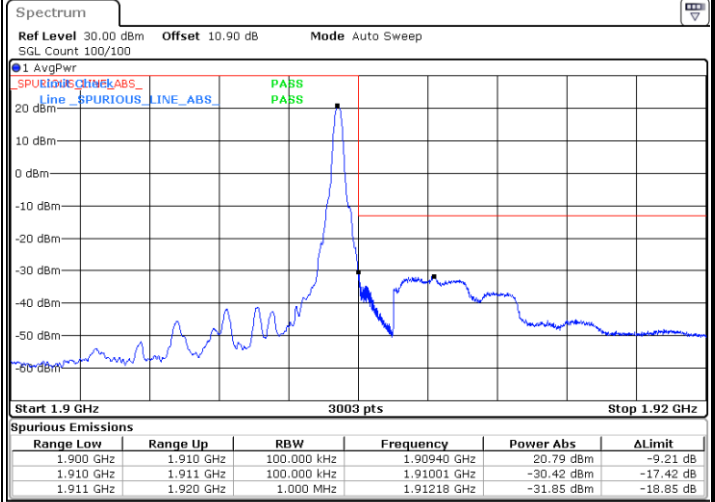
LTE Band 2 / 10MHz / QPSK

Lowest Band Edge / 1 RB



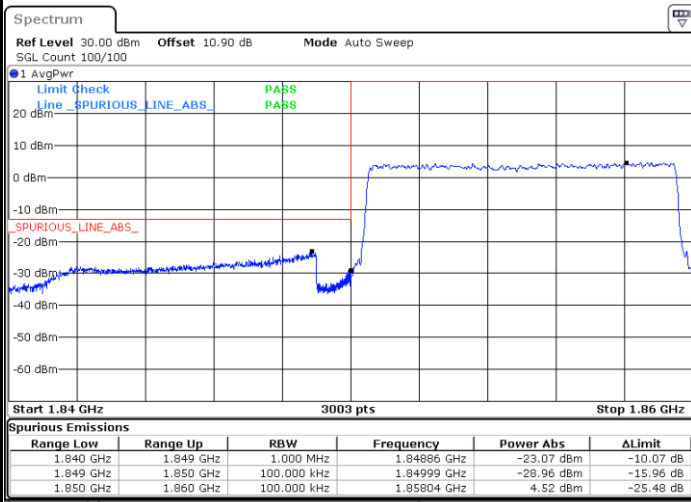
Date: 9.AUG.2022 00:37:07

Highest Band Edge / 1 RB



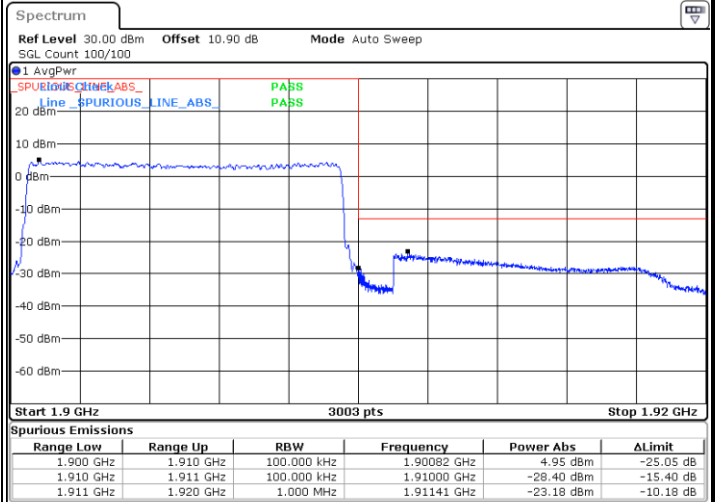
Date: 9.AUG.2022 00:45:54

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:39:14

Highest Band Edge / Full RB

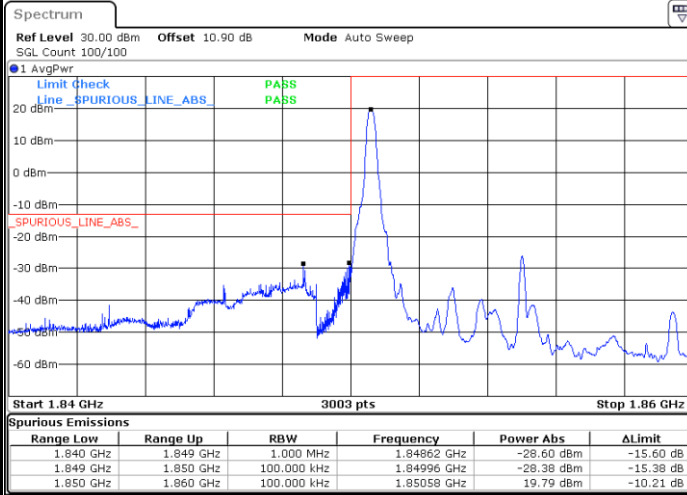


Date: 9.AUG.2022 00:48:01



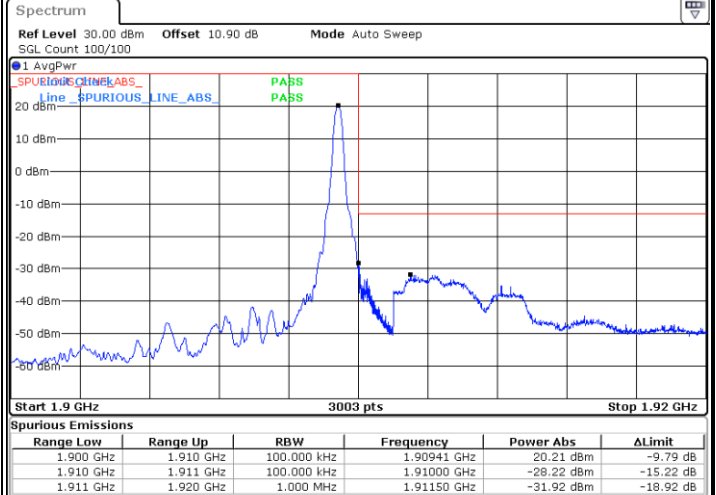
LTE Band 2 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



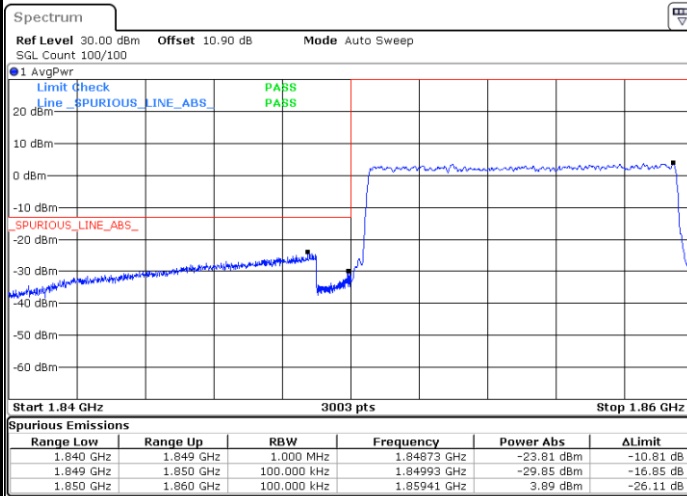
Date: 9.AUG.2022 00:38:11

Highest Band Edge / 1 RB



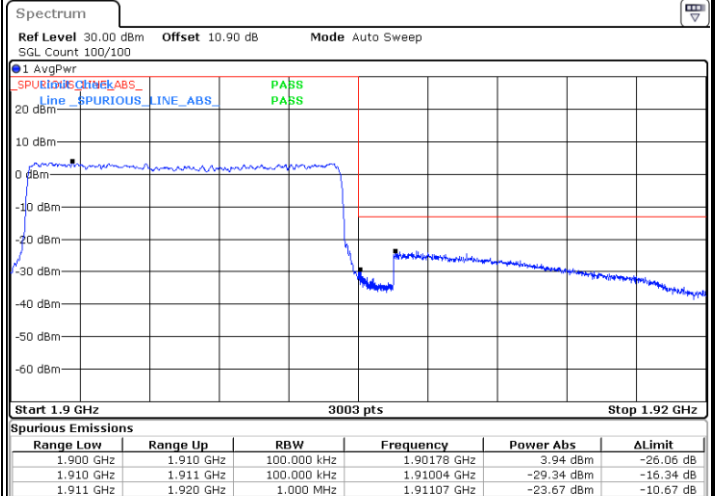
Date: 9.AUG.2022 00:46:57

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:40:18

Highest Band Edge / Full RB

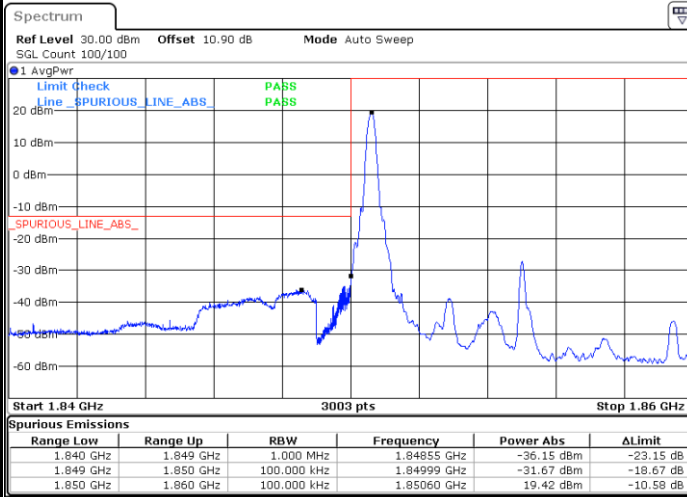


Date: 9.AUG.2022 00:49:05



LTE Band 2 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



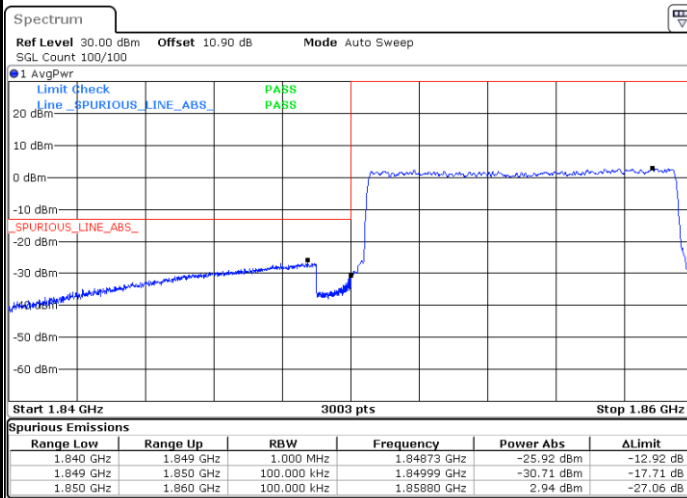
Date: 9.AUG.2022 00:51:26

Highest Band Edge / 1 RB



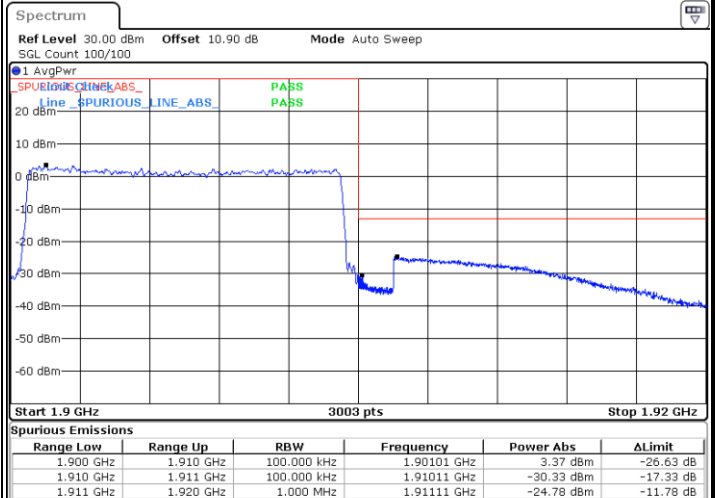
Date: 9.AUG.2022 00:54:17

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:52:30

Highest Band Edge / Full RB

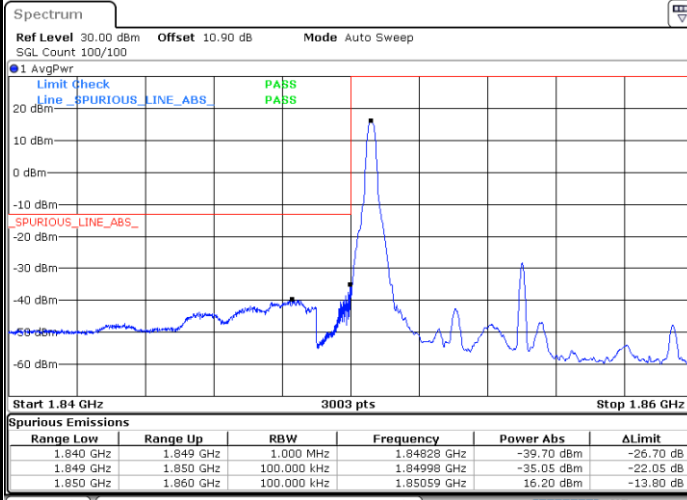


Date: 9.AUG.2022 00:55:21



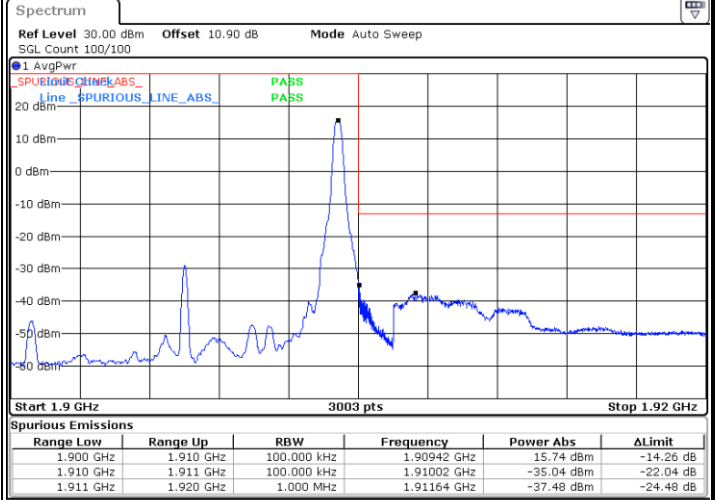
LTE Band 2 / 10MHz / 256QAM

Lowest Band Edge / 1 RB



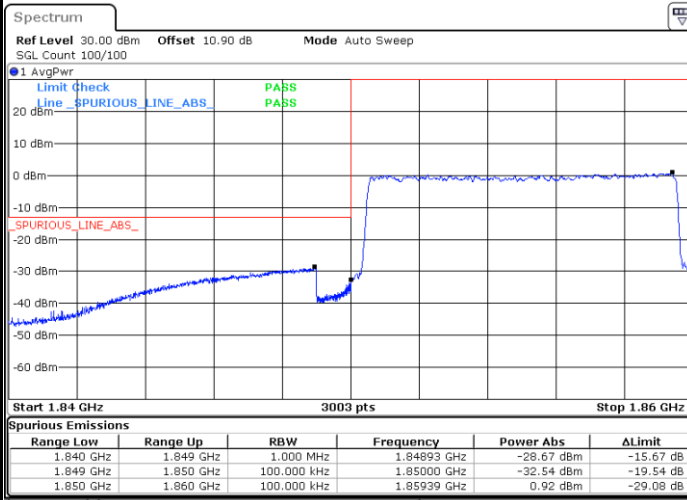
Date: 9.AUG.2022 01:53:00

Highest Band Edge / 1 RB



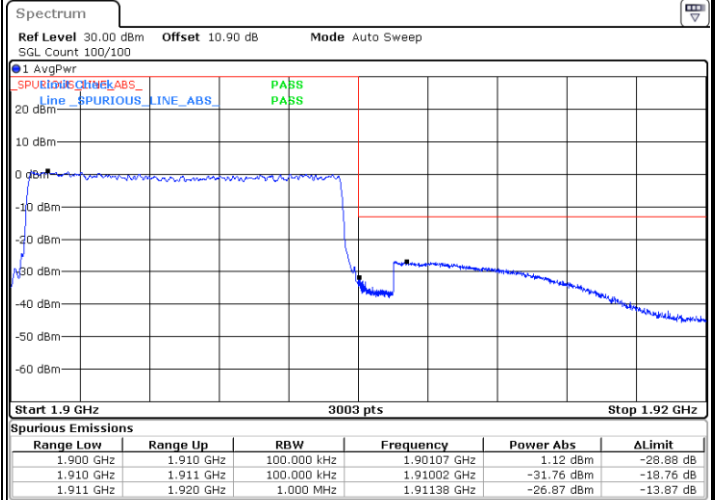
Date: 9.AUG.2022 01:55:53

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:54:07

Highest Band Edge / Full RB

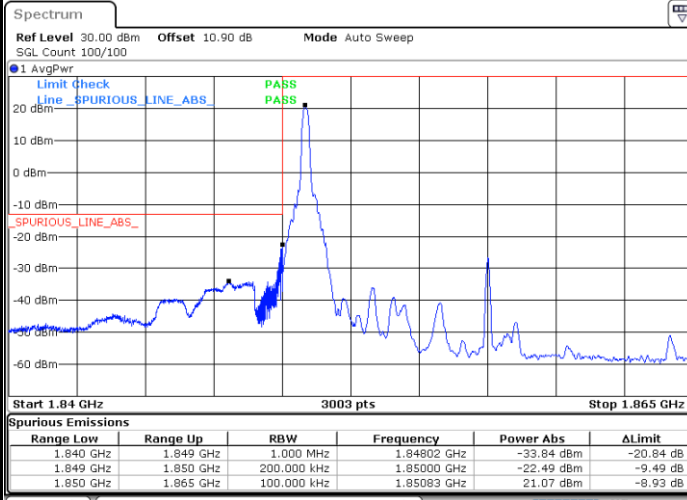


Date: 9.AUG.2022 01:57:00



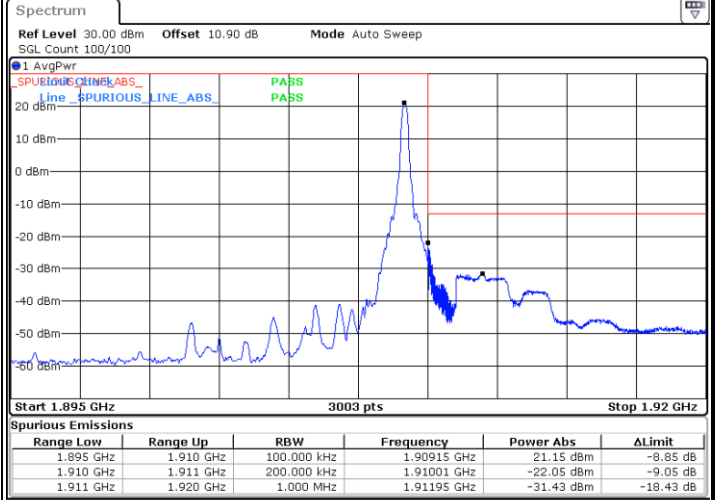
LTE Band 2 / 15MHz / QPSK

Lowest Band Edge / 1 RB



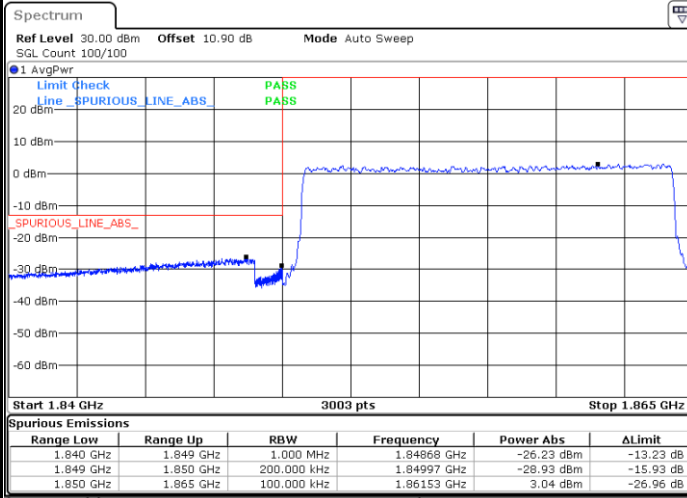
Date: 9.AUG.2022 00:56:29

Highest Band Edge / 1 RB



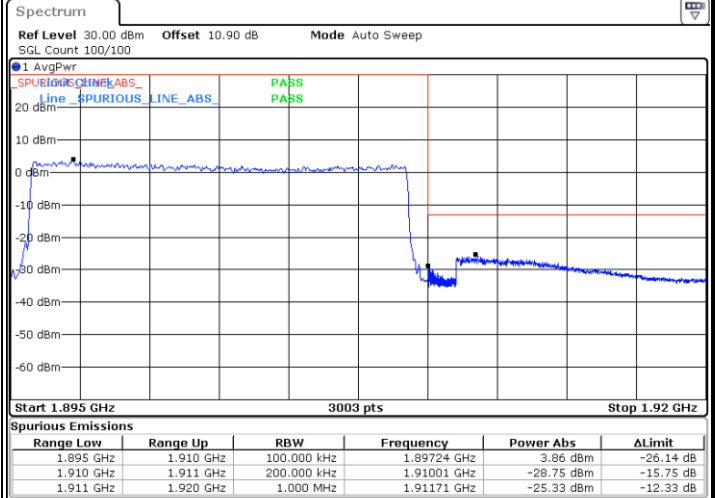
Date: 9.AUG.2022 01:05:15

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:58:37

Highest Band Edge / Full RB

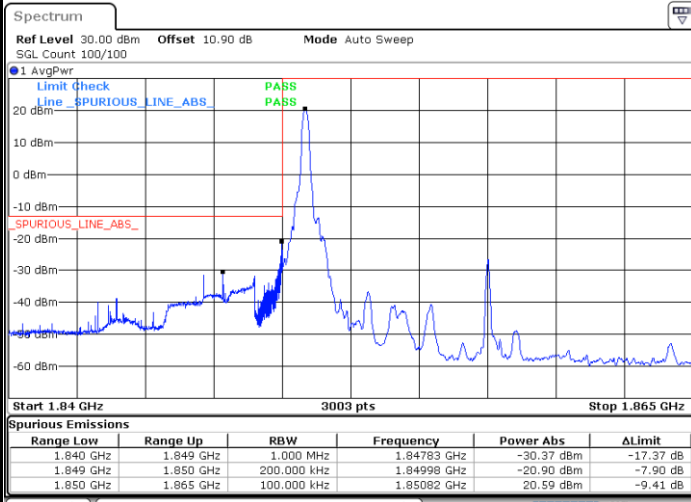


Date: 9.AUG.2022 01:07:23



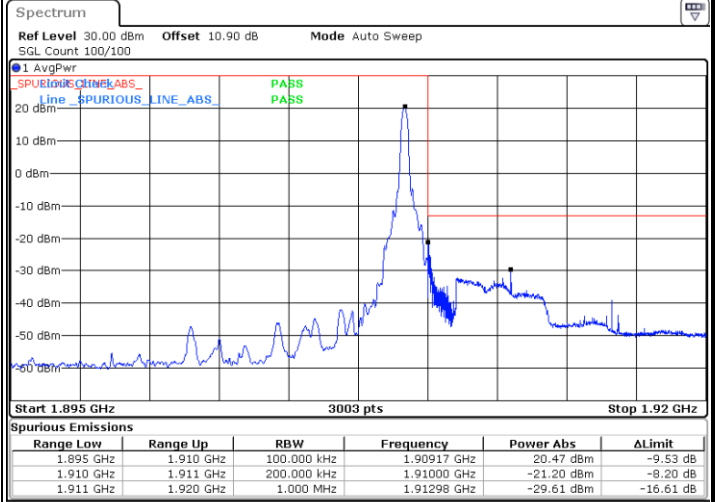
LTE Band 2 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



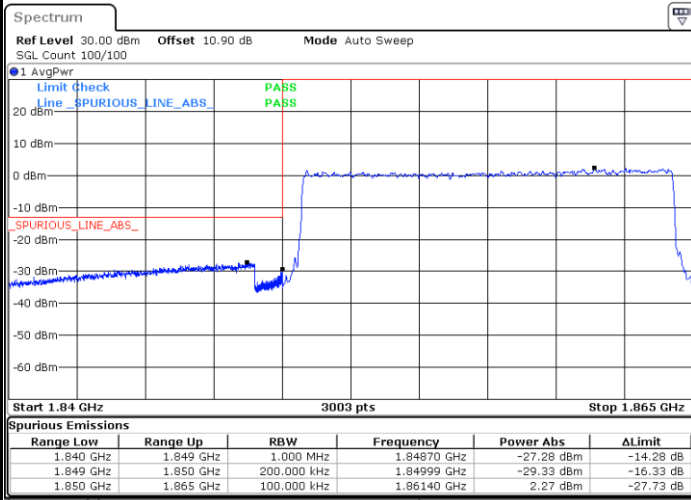
Date: 9.AUG.2022 00:57:33

Highest Band Edge / 1 RB



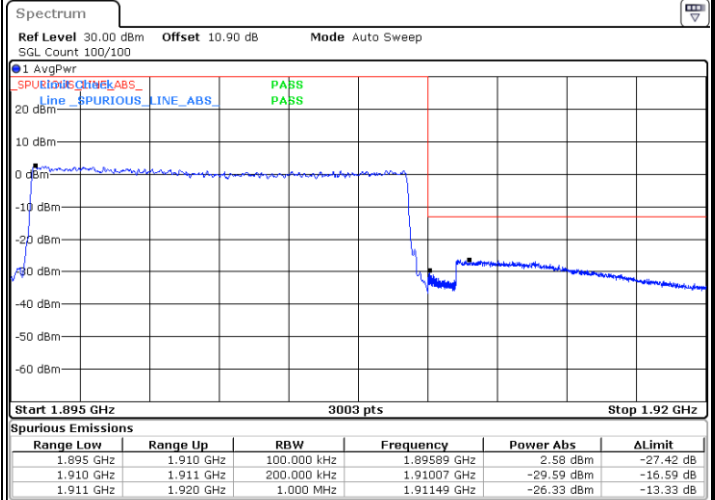
Date: 9.AUG.2022 01:06:19

Lowest Band Edge / Full RB



Date: 9.AUG.2022 00:59:40

Highest Band Edge / Full RB

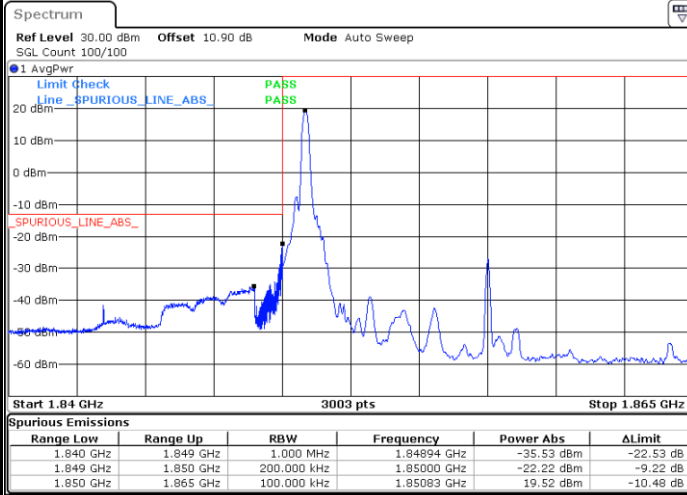


Date: 9.AUG.2022 01:08:26



LTE Band 2 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



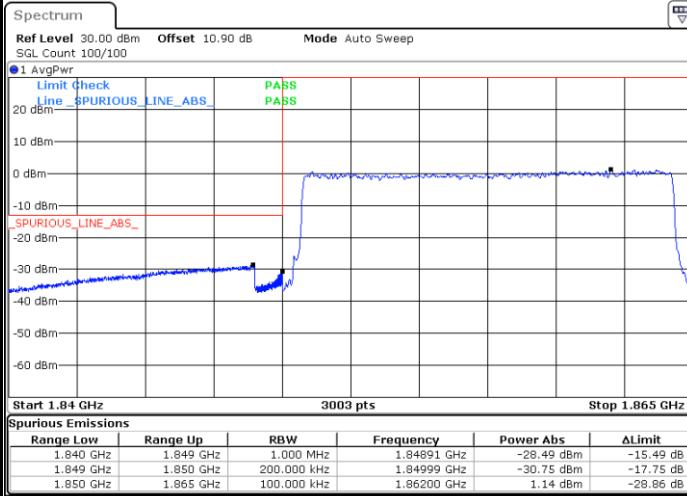
Date: 9.AUG.2022 01:10:48

Highest Band Edge / 1 RB



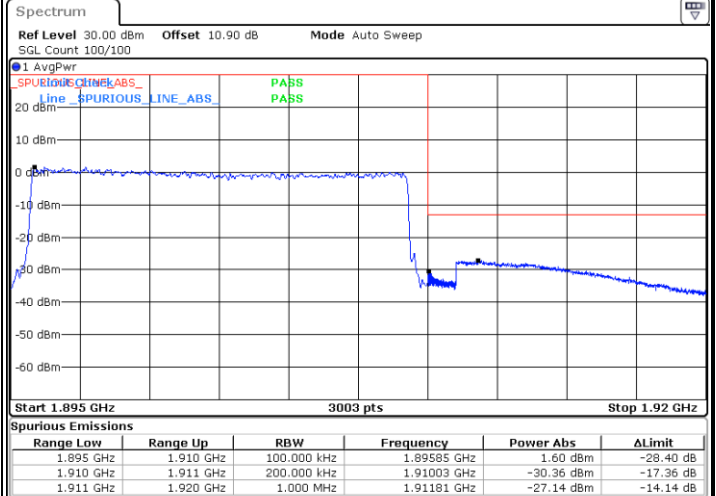
Date: 9.AUG.2022 01:13:38

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:11:52

Highest Band Edge / Full RB

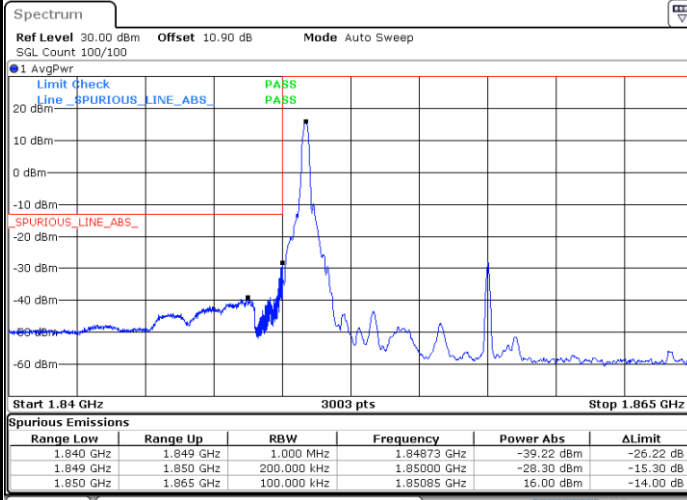


Date: 9.AUG.2022 01:14:42



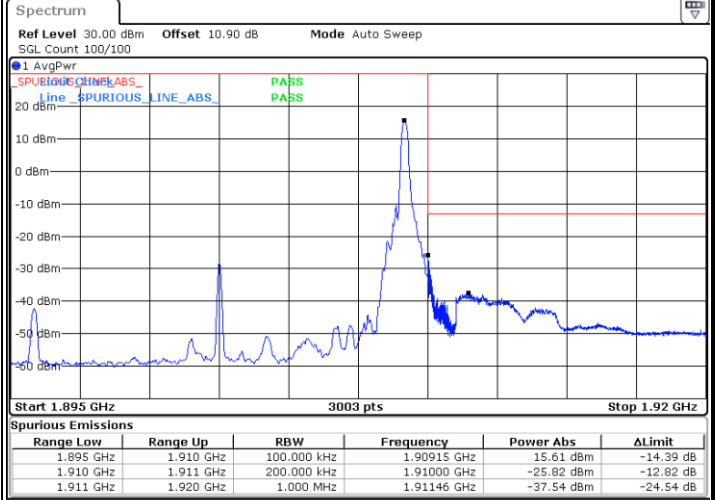
LTE Band 2 / 15MHz / 256QAM

Lowest Band Edge / 1 RB



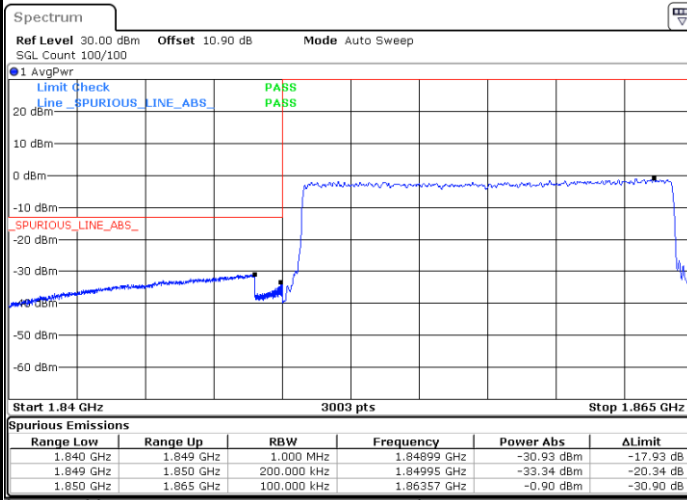
Date: 9.AUG.2022 01:58:08

Highest Band Edge / 1 RB



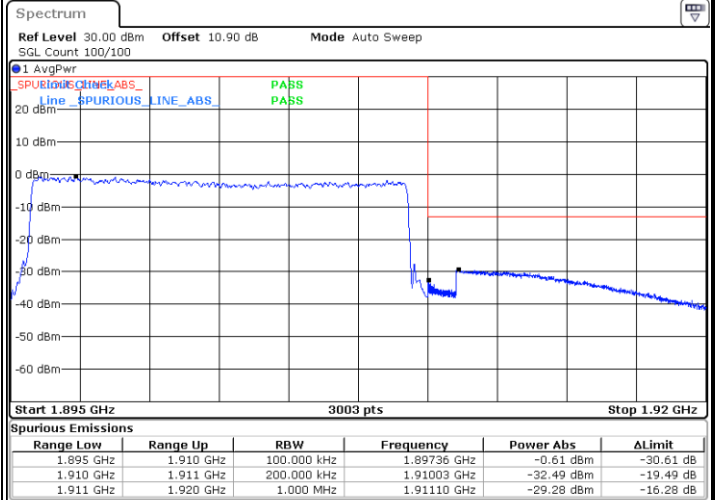
Date: 9.AUG.2022 02:01:02

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:59:15

Highest Band Edge / Full RB

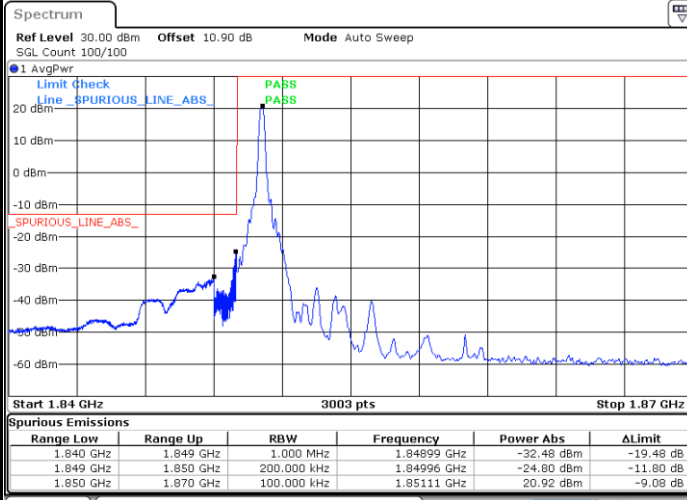


Date: 9.AUG.2022 02:02:09



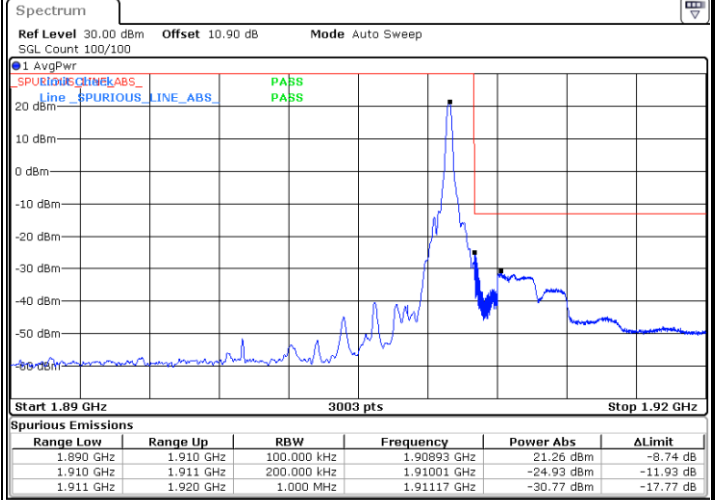
LTE Band 2 / 20MHz / QPSK

Lowest Band Edge / 1 RB



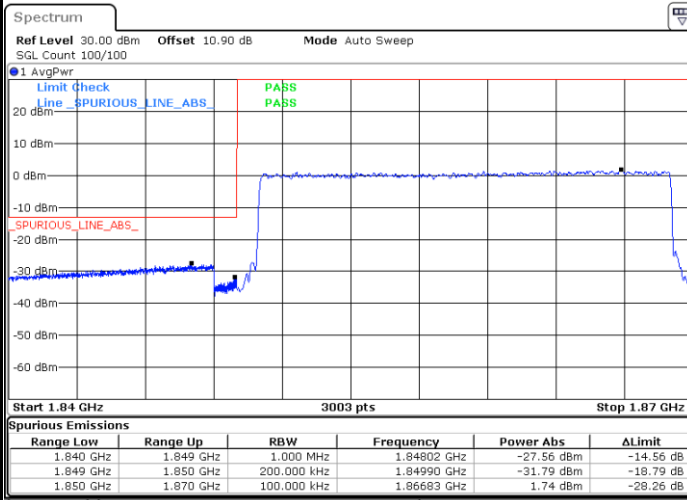
Date: 9.AUG.2022 01:15:51

Highest Band Edge / 1 RB



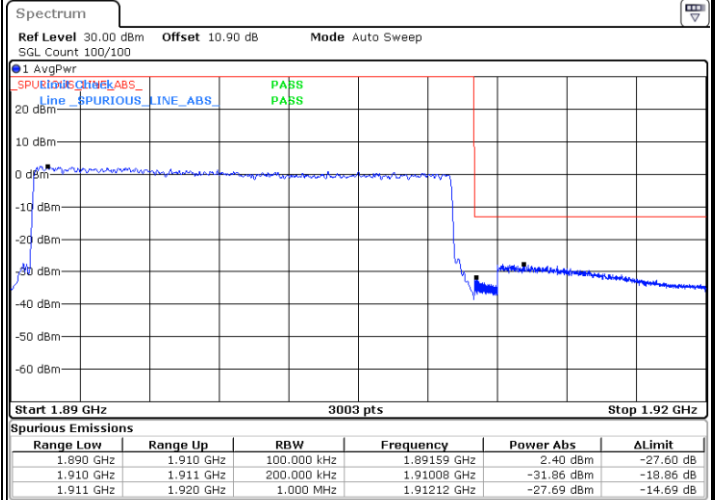
Date: 9.AUG.2022 01:24:38

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:17:58

Highest Band Edge / Full RB

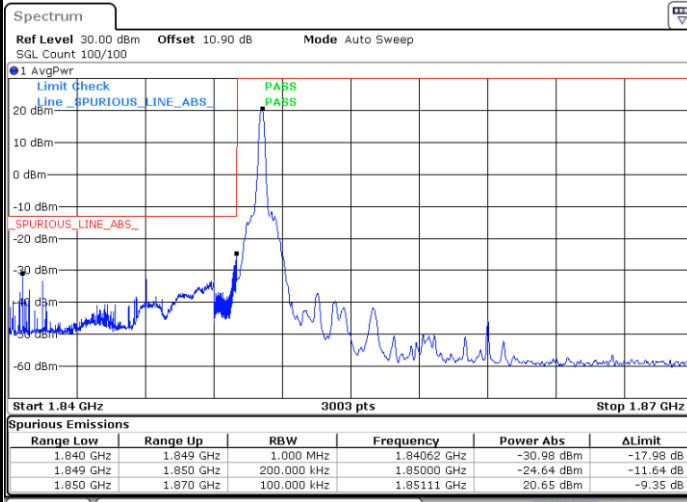


Date: 9.AUG.2022 01:26:45



LTE Band 2 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



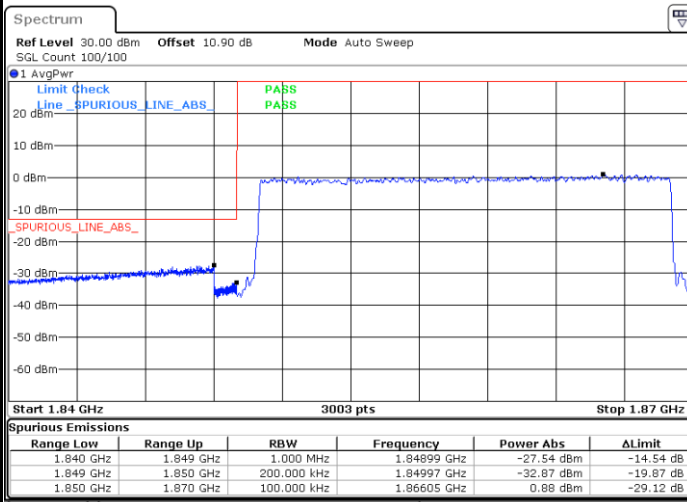
Date: 9.AUG.2022 01:16:54

Highest Band Edge / 1 RB



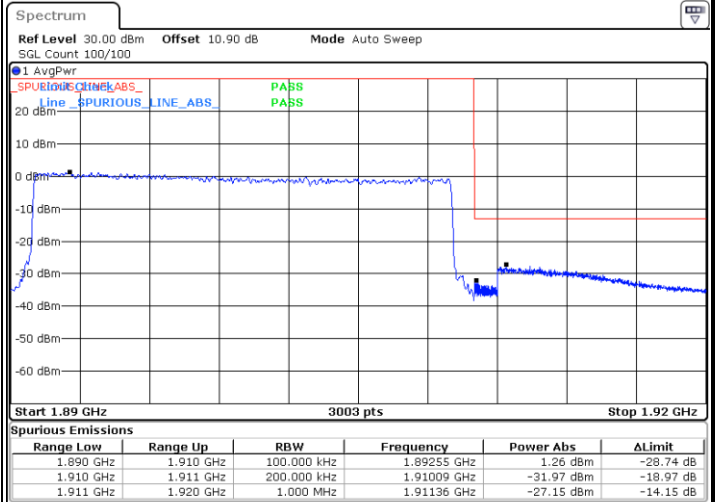
Date: 9.AUG.2022 01:25:41

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:19:02

Highest Band Edge / Full RB

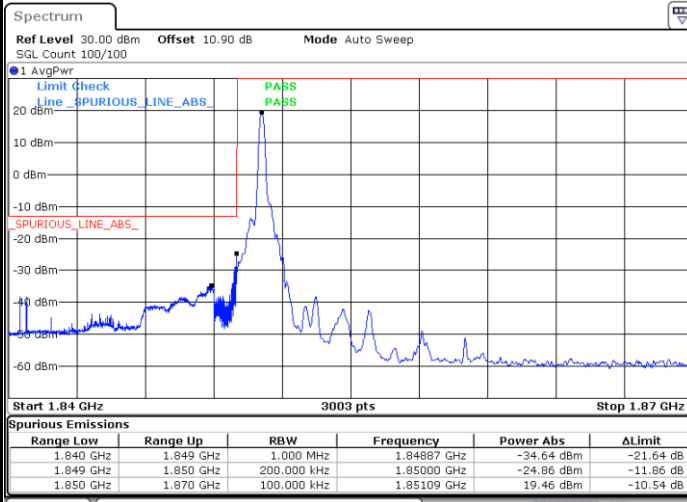


Date: 9.AUG.2022 01:27:49



LTE Band 2 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



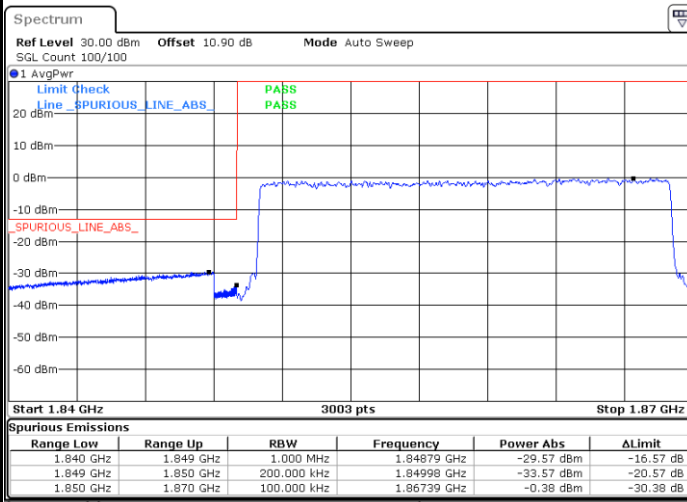
Date: 9.AUG.2022 01:30:11

Highest Band Edge / 1 RB



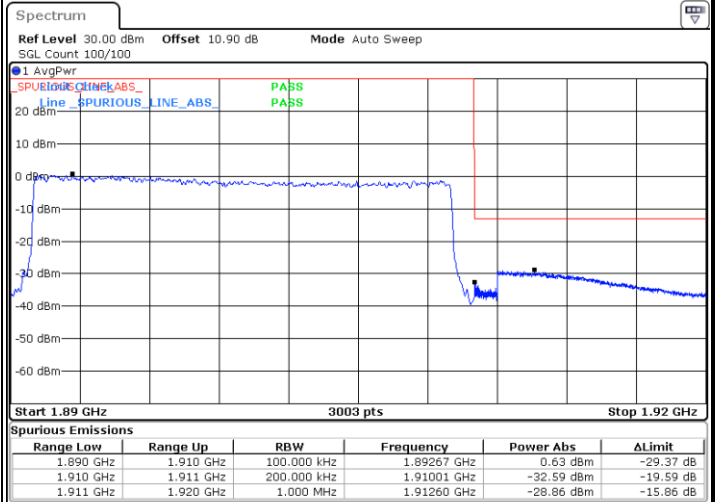
Date: 9.AUG.2022 01:33:01

Lowest Band Edge / Full RB



Date: 9.AUG.2022 01:31:15

Highest Band Edge / Full RB

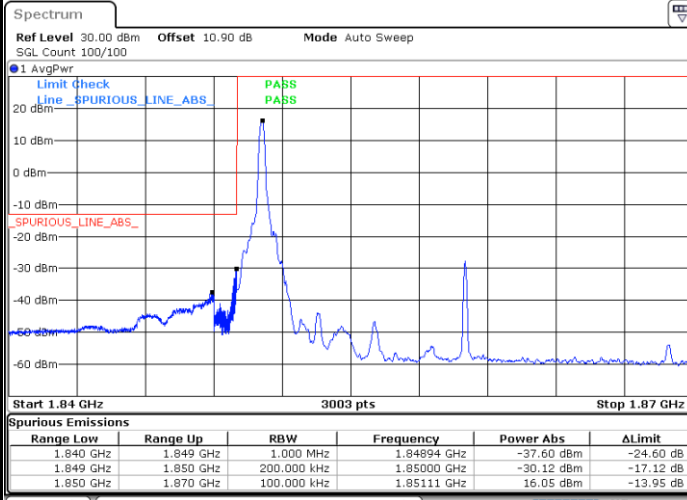


Date: 9.AUG.2022 01:34:05



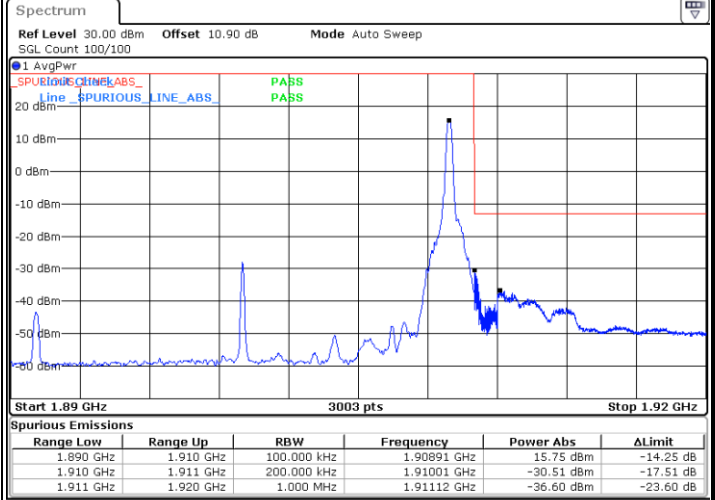
LTE Band 2 / 20MHz / 256QAM

Lowest Band Edge / 1 RB



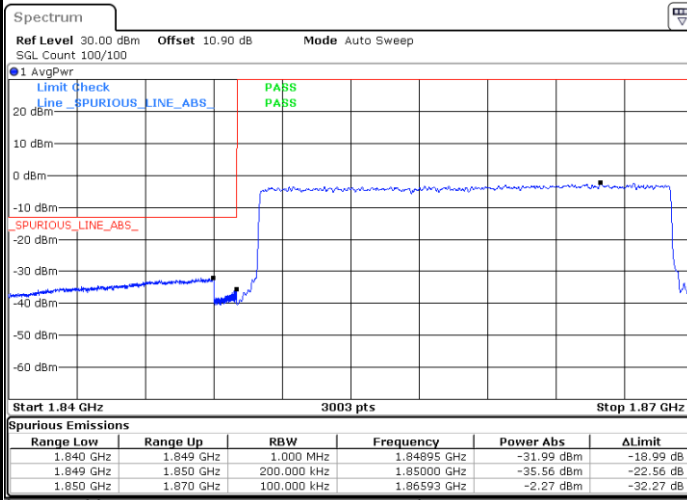
Date: 9.AUG.2022 02:03:17

Highest Band Edge / 1 RB



Date: 9.AUG.2022 02:06:10

Lowest Band Edge / Full RB



Date: 9.AUG.2022 02:04:24

Highest Band Edge / Full RB



Date: 9.AUG.2022 02:07:17

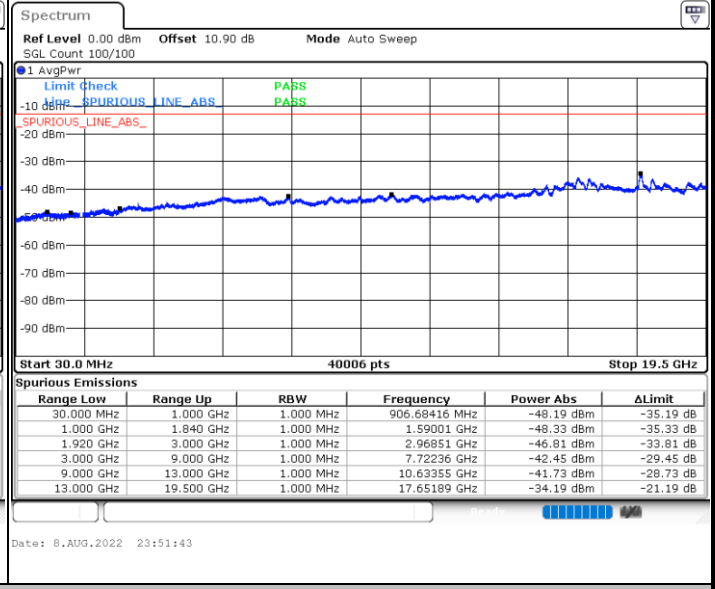
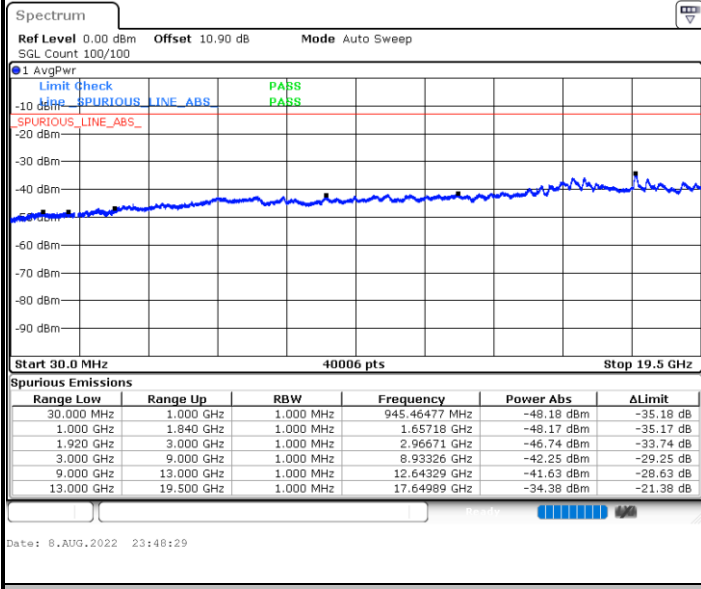


Conducted Spurious Emission

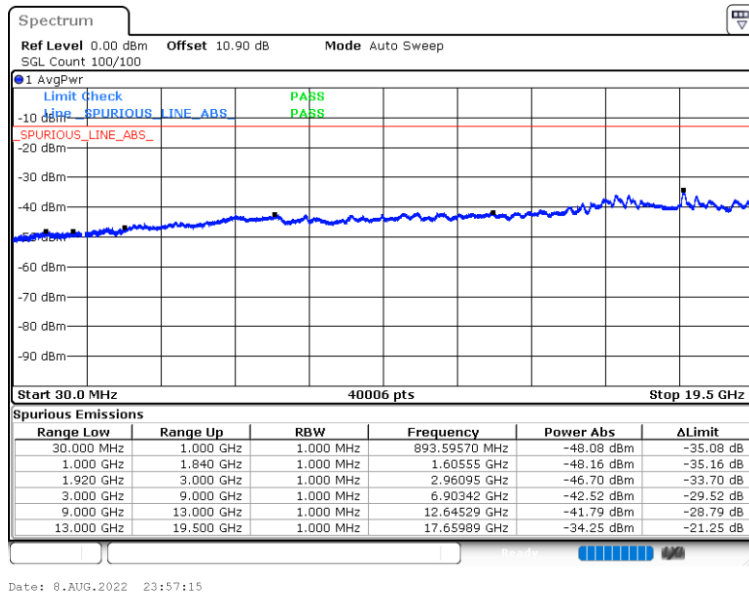
LTE Band 2 / 1.4MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

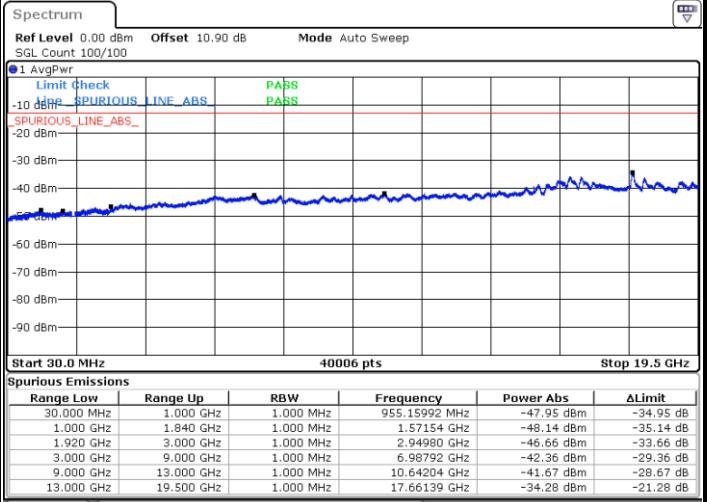
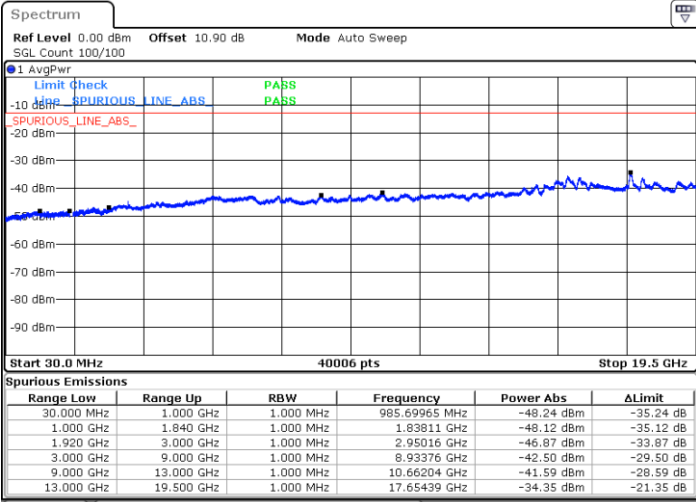




LTE Band 2 / 3MHz

Lowest Channel / QPSK

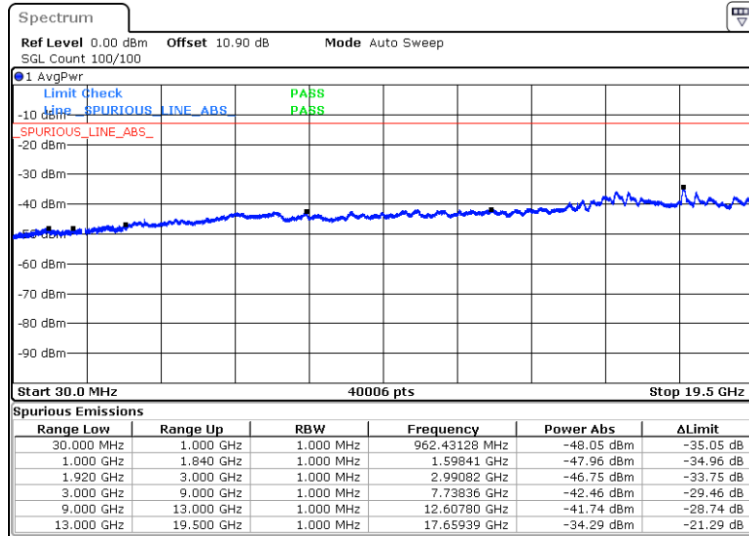
Middle Channel / QPSK



Date: 9.AUG.2022 00:02:53

Date: 9.AUG.2022 00:06:07

Highest Channel / QPSK



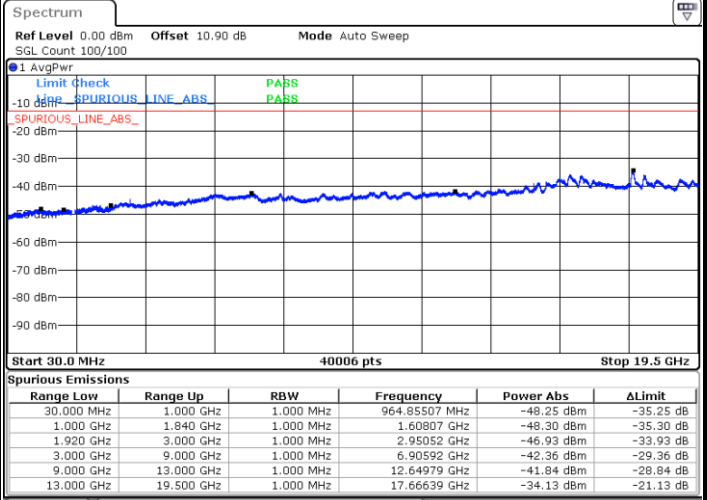
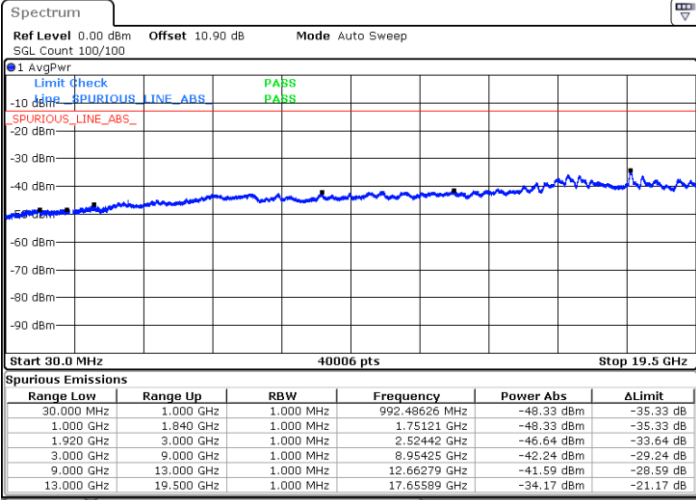
Date: 9.AUG.2022 00:11:39



LTE Band 2 / 5MHz

Lowest Channel / QPSK

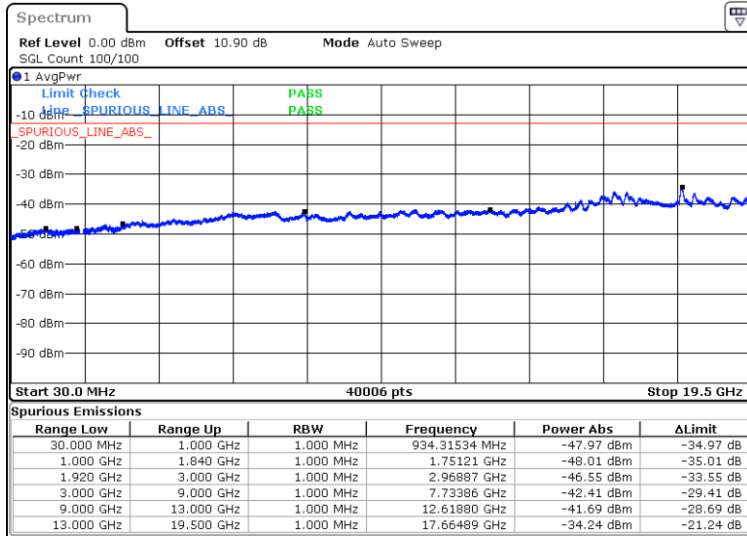
Middle Channel / QPSK



Date: 9.AUG.2022 00:22:15

Date: 9.AUG.2022 00:25:28

Highest Channel / QPSK



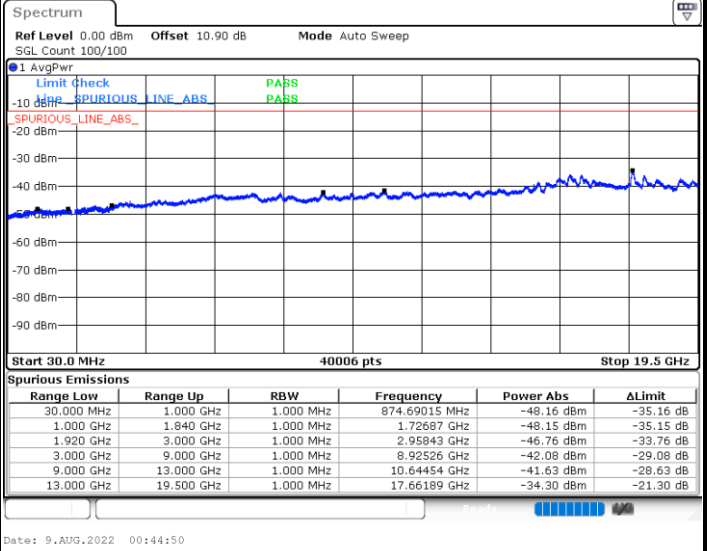
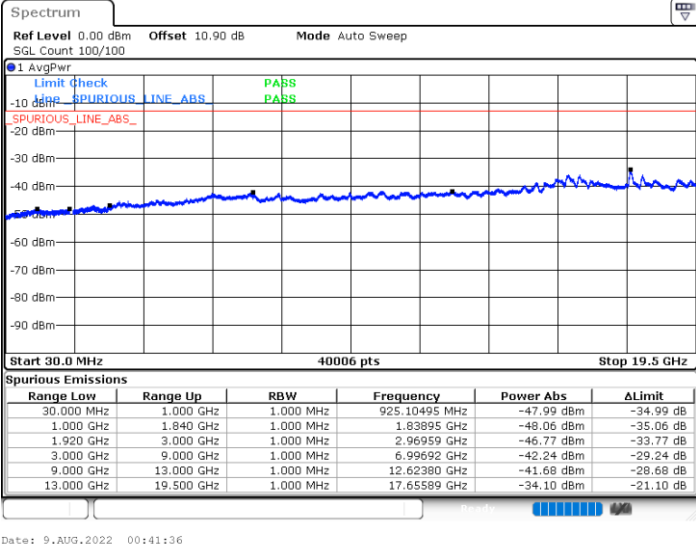
Date: 9.AUG.2022 00:31:01



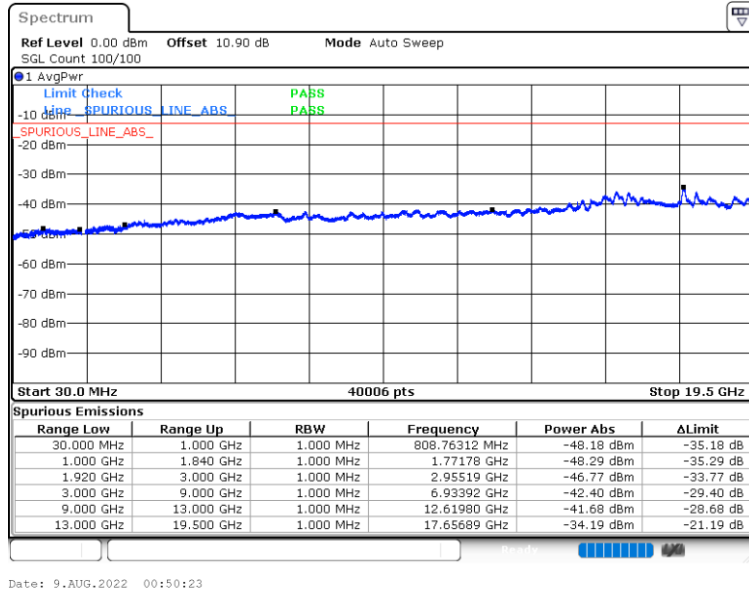
LTE Band 2 / 10MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

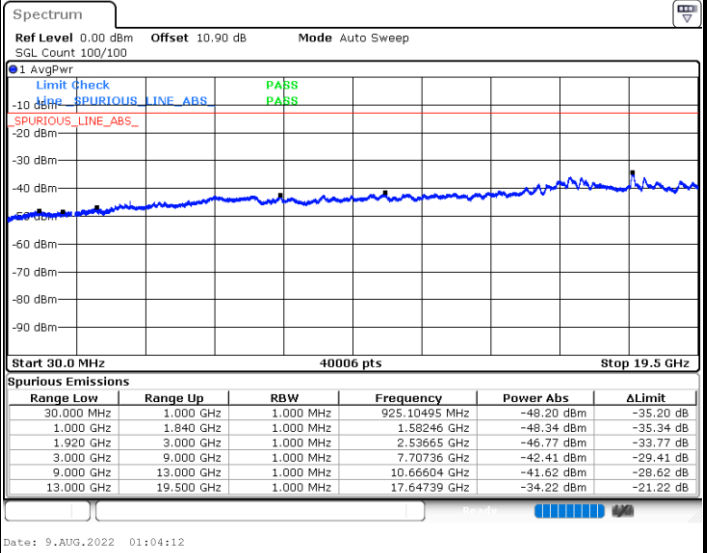
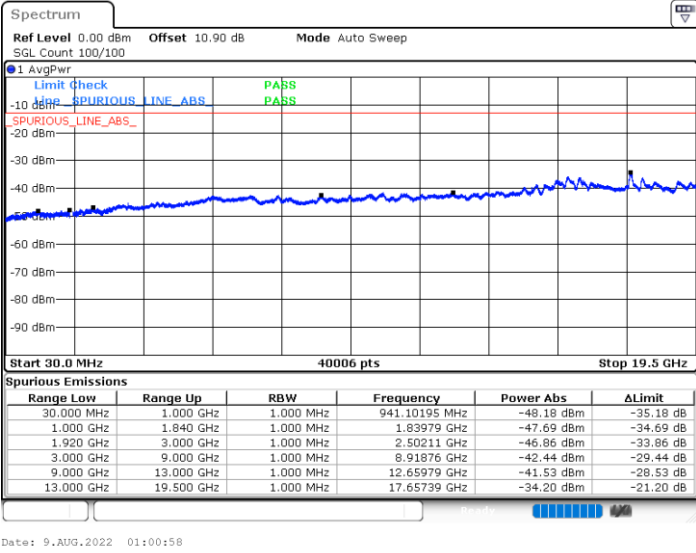




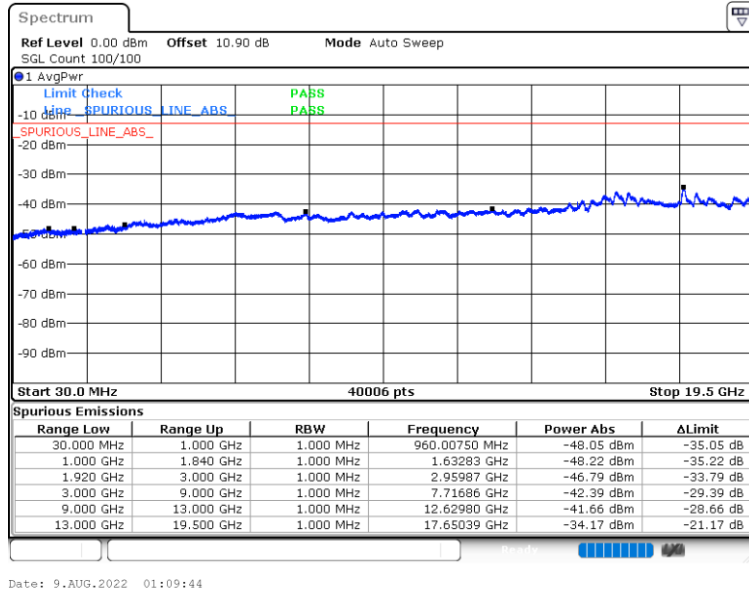
LTE Band 2 / 15MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK

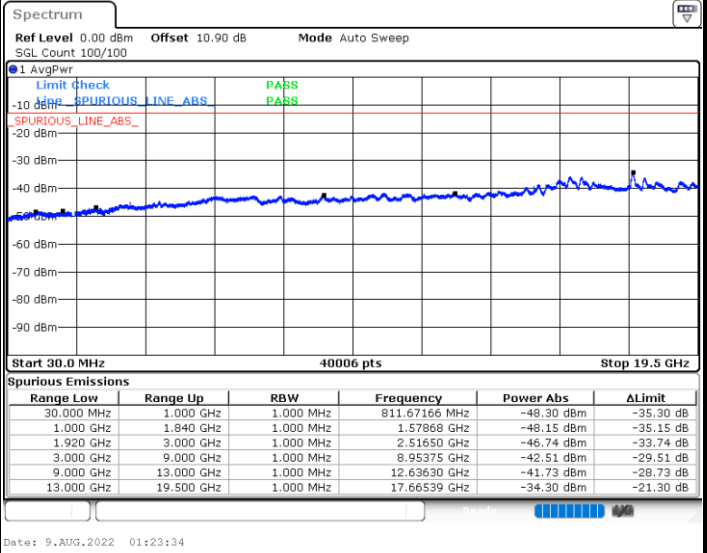
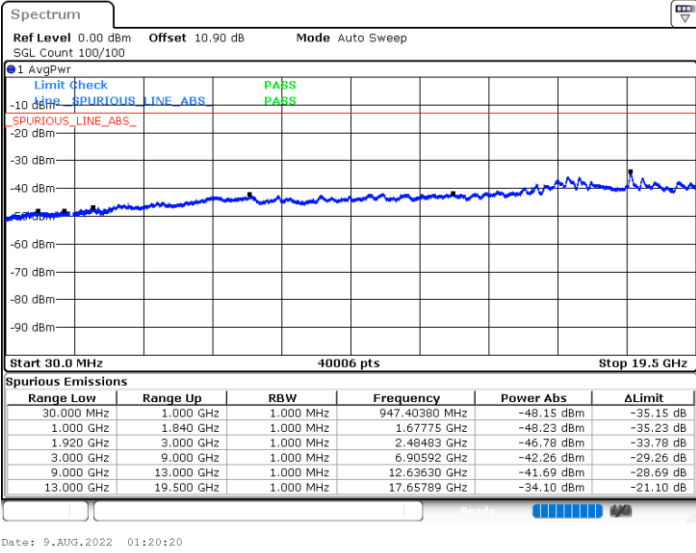




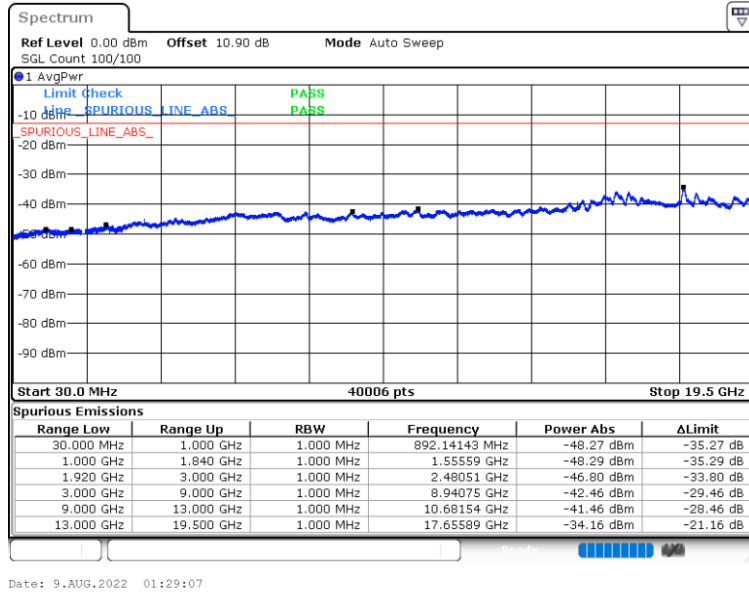
LTE Band 2 / 20MHz

Lowest Channel / QPSK

Middle Channel / QPSK



Highest Channel / QPSK





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	0.0015	PASS
40	Normal Voltage	0.0016	
30	Normal Voltage	0.0036	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0019	
0	Normal Voltage	0.0012	
-10	Normal Voltage	0.0057	
-20	Normal Voltage	0.0034	
-30	Normal Voltage	0.0045	
20	Maximum Voltage	0.0014	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage = 3.30 V. ; Battery End Point (BEP) = 3.135 V. ; Maximum Voltage = 3.63 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	24.83	25.13	29.97	25.67	30.57
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.76	25.08	29.91	34.97	40.04

Mode	LTE Band 2C : 26dB BW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.83	25.13	29.91	25.18	30.63
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	35.11	25.03	30.09	34.97	39.88

Mode	LTE Band 2C : 26dB BW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.78	25.28	29.91	25.33	30.51
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.90	25.13	30.03	34.69	39.72

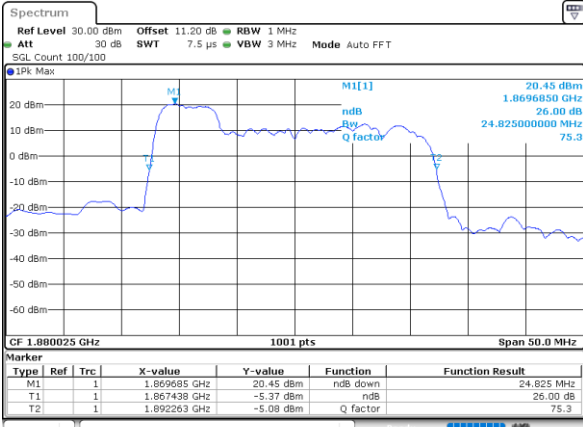
Mode	LTE Band 2C : 26dB BW(MHz)				
256QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Middle CH	24.88	25.13	29.67	25.48	30.69
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Middle CH	34.83	25.13	30.21	34.97	39.80



LTE Band 2C

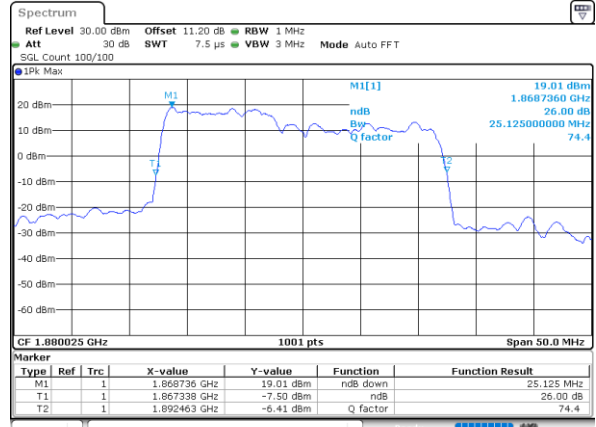
QPSK

Middle Channel / 5MHz+20MHz



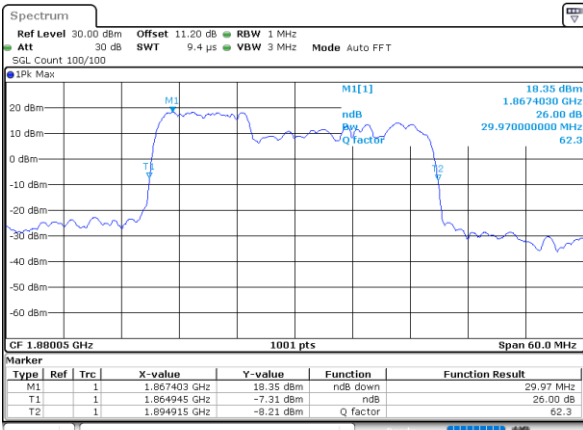
Date: 30_AUG.2022 14:49:17

Middle Channel / 10MHz+15MHz



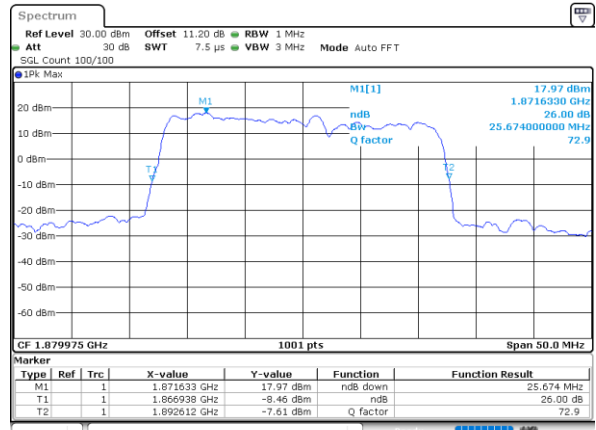
Date: 30_AUG.2022 15:10:13

Middle Channel / 10MHz+20MHz



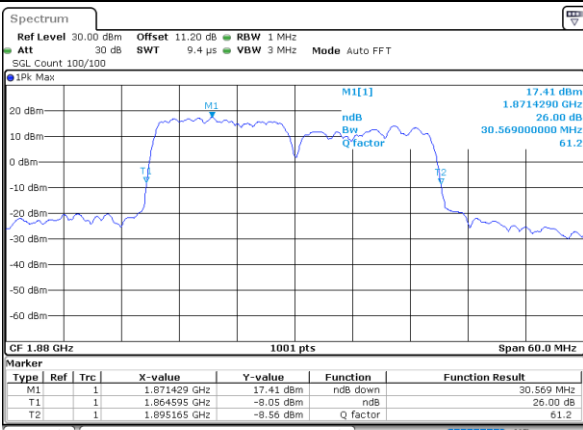
Date: 30_AUG.2022 14:54:47

Middle Channel / 15MHz+10MHz



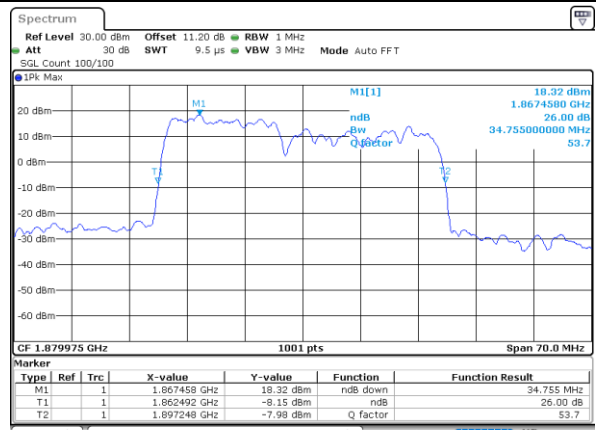
Date: 30_AUG.2022 15:10:57

Middle Channel / 15MHz+15MHz



Date: 30_AUG.2022 15:05:43

Middle Channel / 15MHz+20MHz

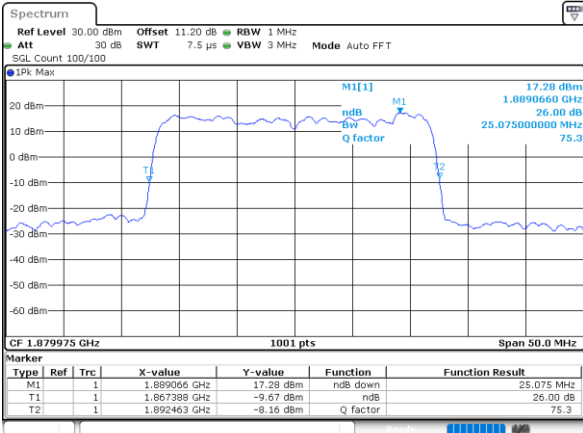


Date: 30_AUG.2022 15:10:20



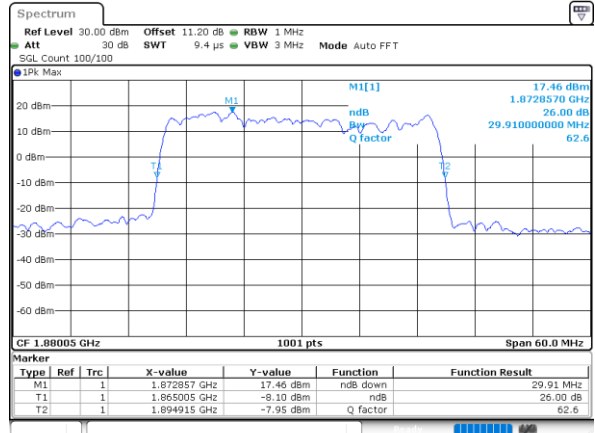
LTE Band 2C

Middle Channel / 20MHz+5MHz



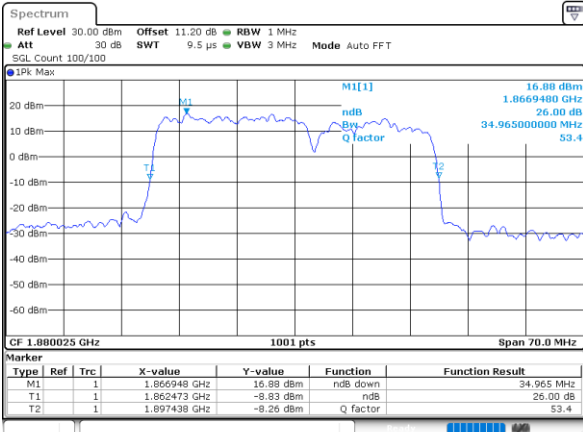
Date: 30_AUG_2022 14:52:02

Middle Channel / 20MHz+10MHz



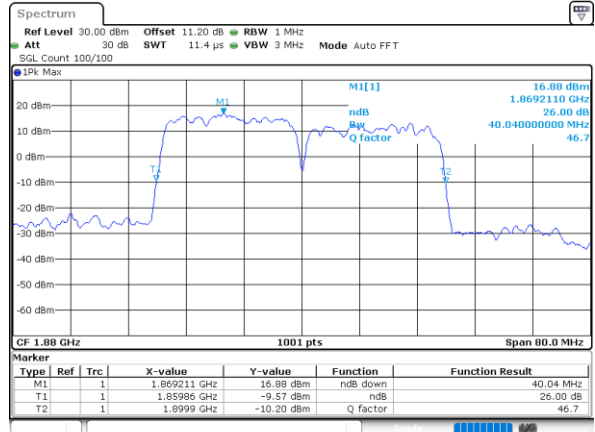
Date: 30_AUG_2022 14:57:35

Middle Channel / 20MHz+15MHz



Date: 30_AUG_2022 15:03:05

Middle Channel / 20MHz+20MHz

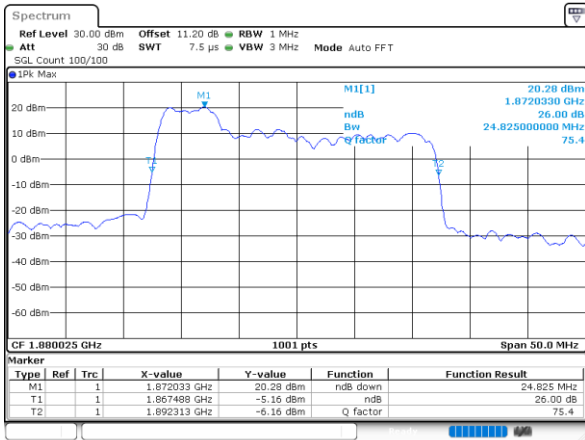


Date: 30_AUG_2022 15:13:37



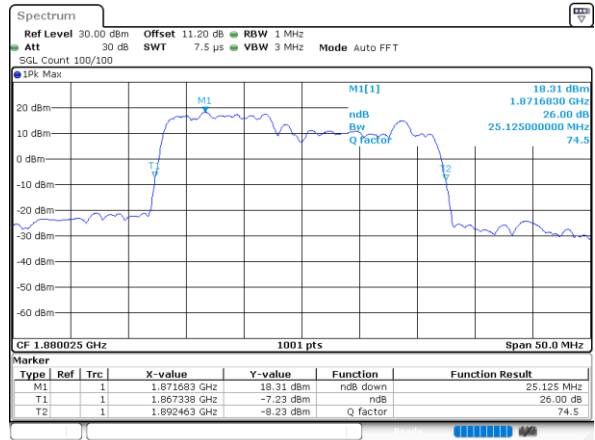
LTE Band 2C

Middle Channel / 5MHz+20MHz



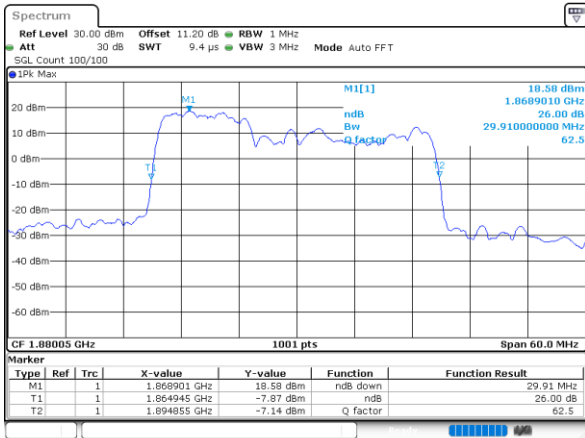
Date: 30_AUG.2022 14:49:56

Middle Channel / 10MHz+15MHz



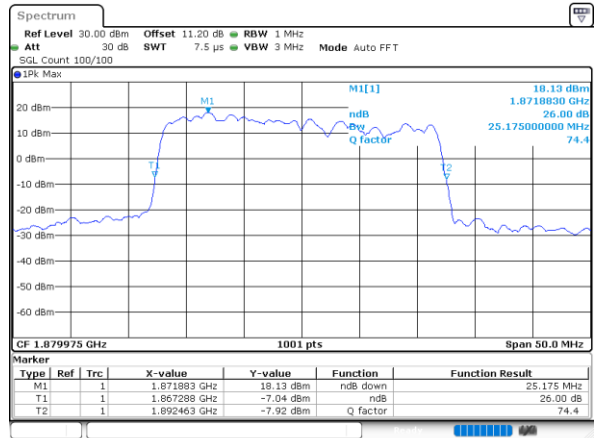
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Middle Channel / 10MHz+20MHz



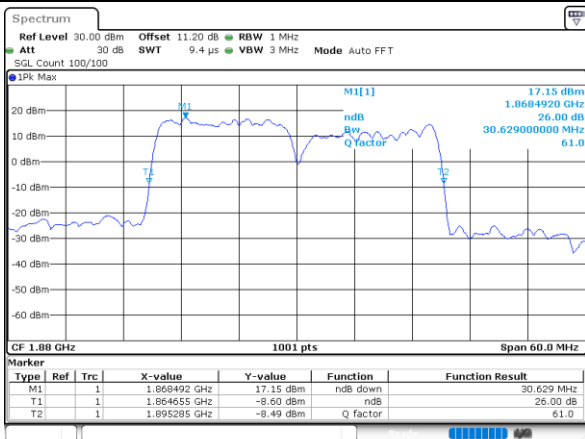
Date: 30_AUG.2022 14:55:27

Middle Channel / 15MHz+10MHz



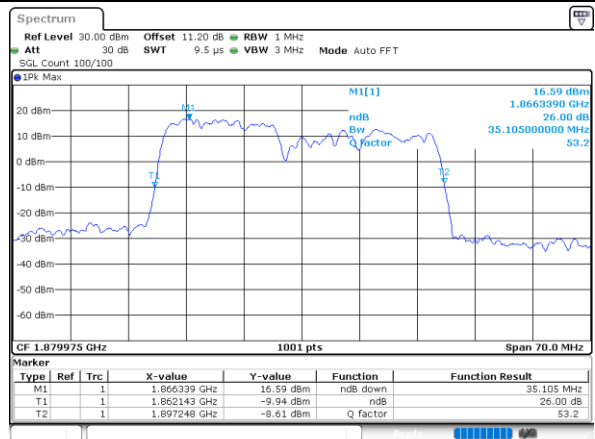
Date: 30_AUG.2022 15:11:36

Middle Channel / 15MHz+15MHz



Date: 30_AUG.2022 15:06:17

Middle Channel / 15MHz+20MHz



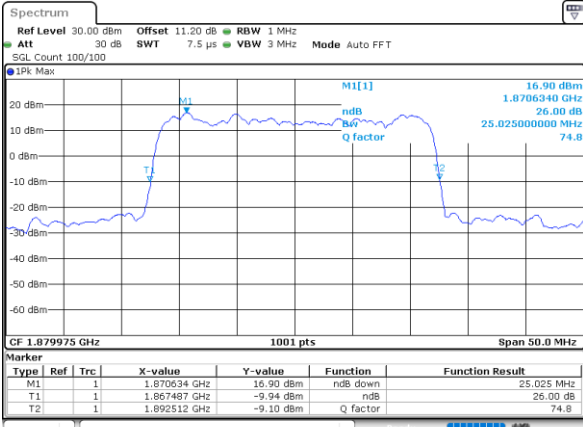
Date: 30_AUG.2022 15:00:58



LTE Band 2C

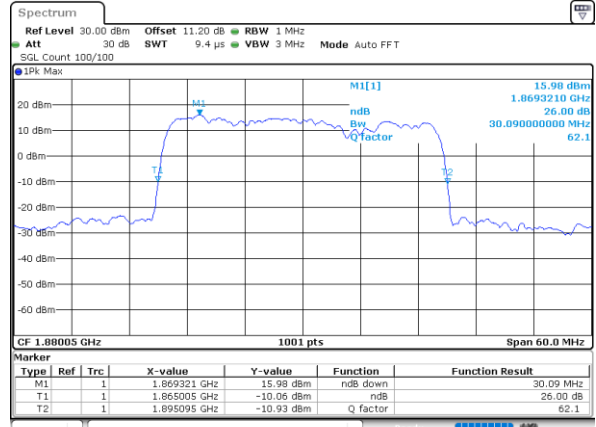
16QAM

Middle Channel / 20MHz+5MHz



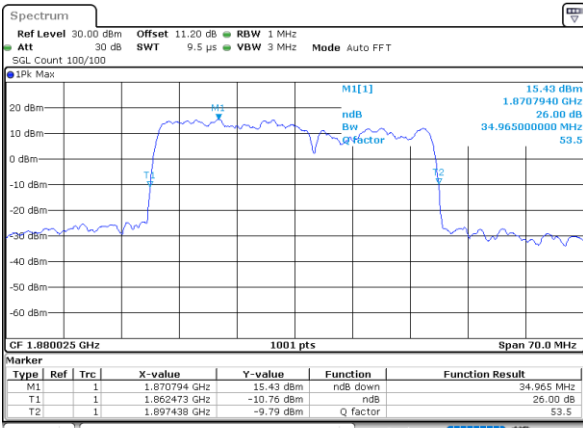
Date: 30.AUG.2022 14:52:41

Middle Channel / 20MHz+10MHz



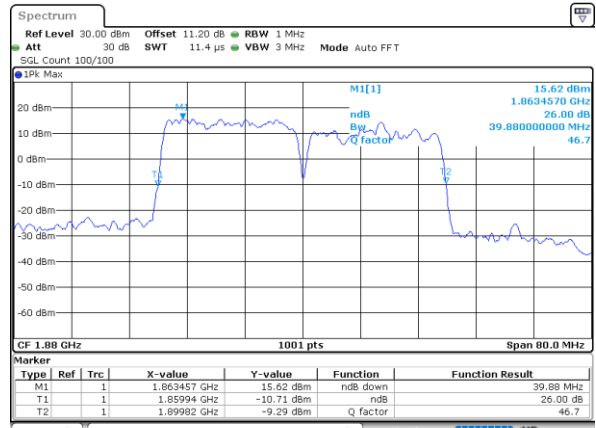
Date: 30.AUG.2022 14:58:14

Middle Channel / 20MHz+15MHz



Date: 30.AUG.2022 15:03:43

Middle Channel / 20MHz+20MHz



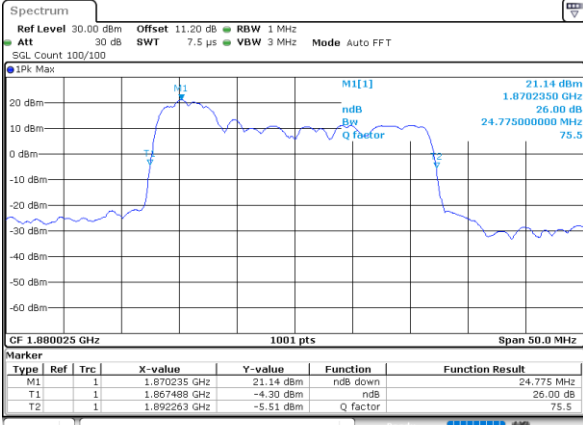
Date: 30.AUG.2022 15:14:11



LTE Band 2C

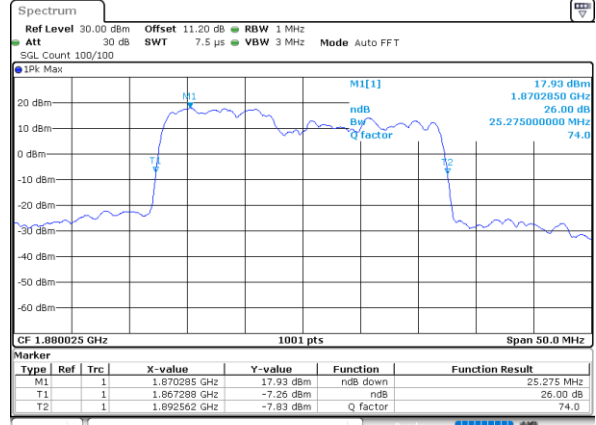
64QAM

Middle Channel / 5MHz+20MHz



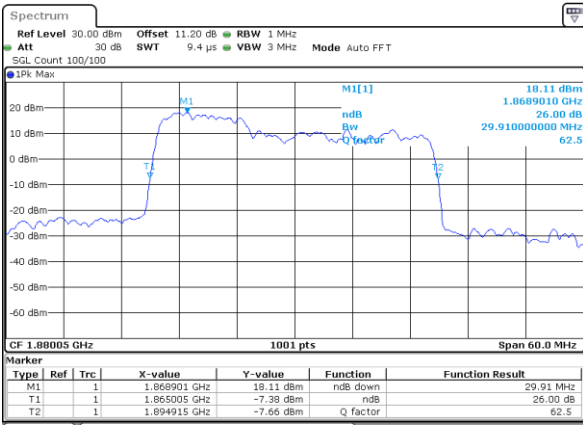
Date: 30_AUG.2022 14:50:34

Middle Channel / 10MHz+15MHz



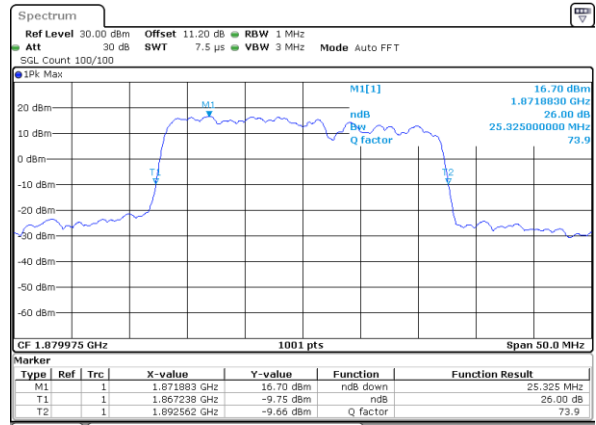
Date: 30_AUG.2022 15:09:30

Middle Channel / 10MHz+20MHz



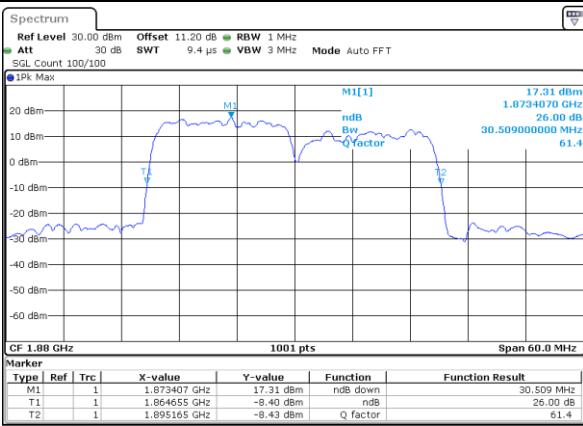
Date: 30_AUG.2022 14:56:06

Middle Channel / 15MHz+10MHz



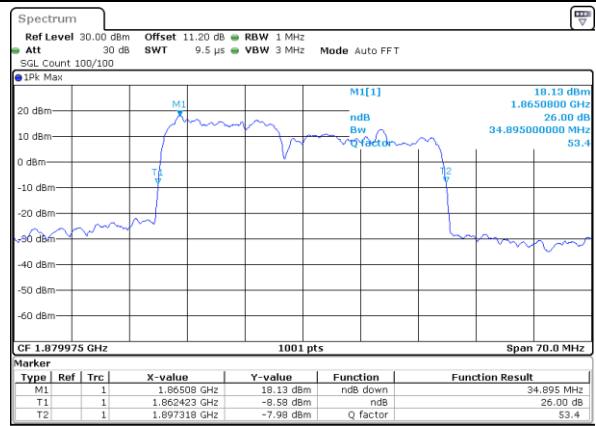
Date: 30_AUG.2022 15:12:15

Middle Channel / 15MHz+15MHz



Date: 30_AUG.2022 15:06:53

Middle Channel / 15MHz+20MHz



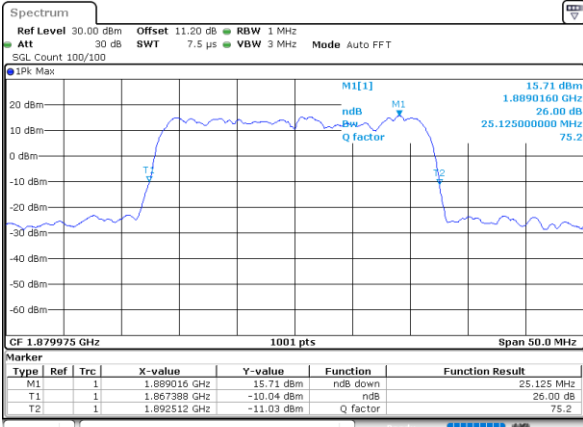
Date: 30_AUG.2022 15:01:37



LTE Band 2C

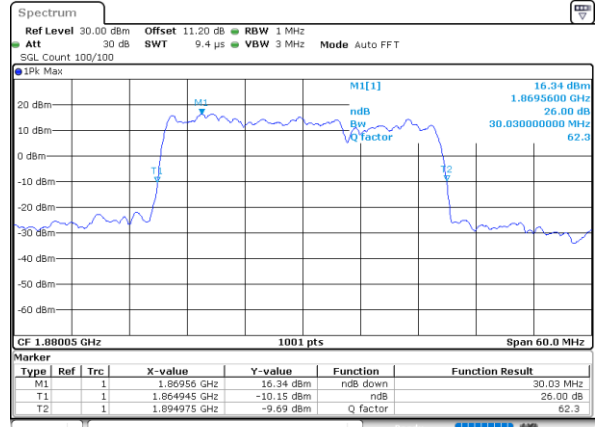
64QAM

Middle Channel / 20MHz+5MHz



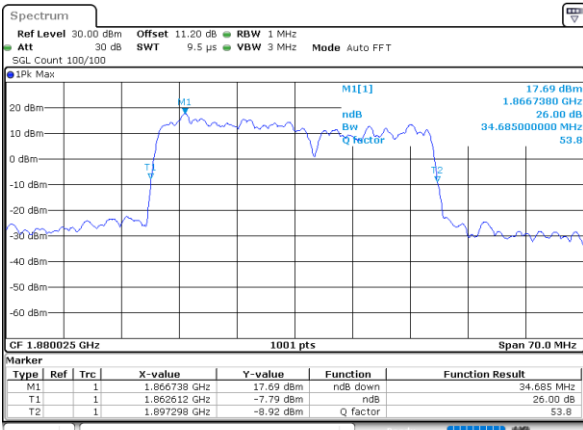
Date: 30.AUG.2022 14:53:20

Middle Channel / 20MHz+10MHz



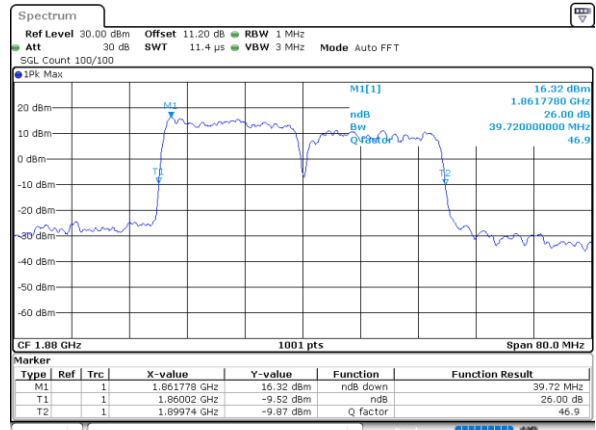
Date: 30.AUG.2022 14:58:52

Middle Channel / 20MHz+15MHz



Date: 30.AUG.2022 15:04:21

Middle Channel / 20MHz+20MHz



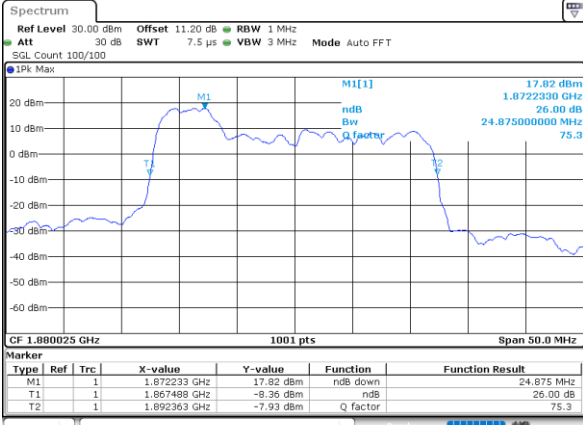
Date: 30.AUG.2022 15:14:44



LTE Band 2C

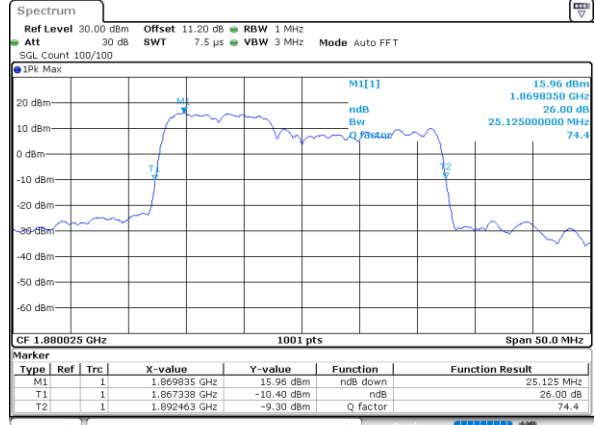
256QAM

Middle Channel / 5MHz+20MHz



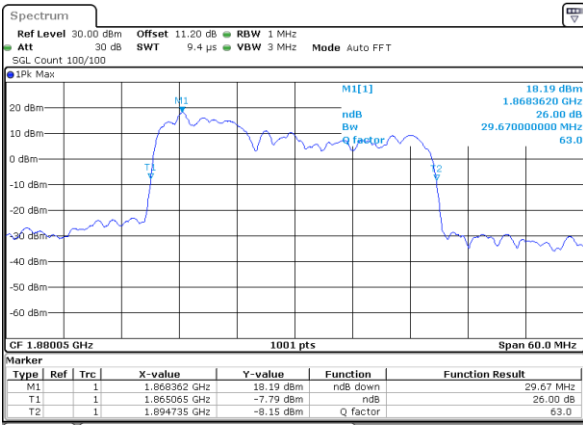
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Middle Channel / 10MHz+15MHz



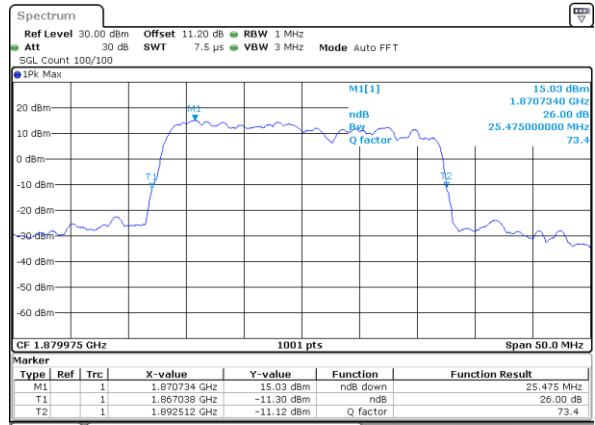
Date: 30_AUG.2022 15:10:09

Middle Channel / 10MHz+20MHz



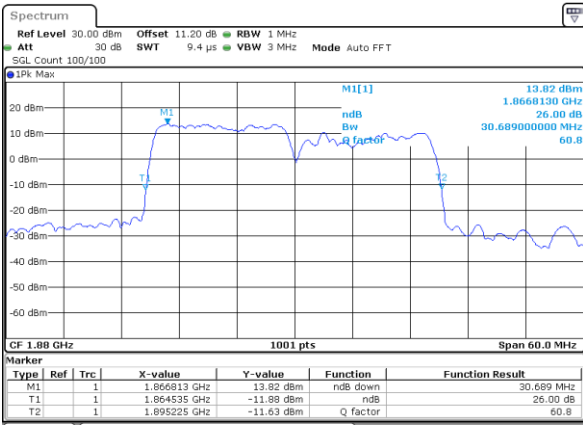
Date: 30_AUG.2022 14:56:46

Middle Channel / 15MHz+10MHz



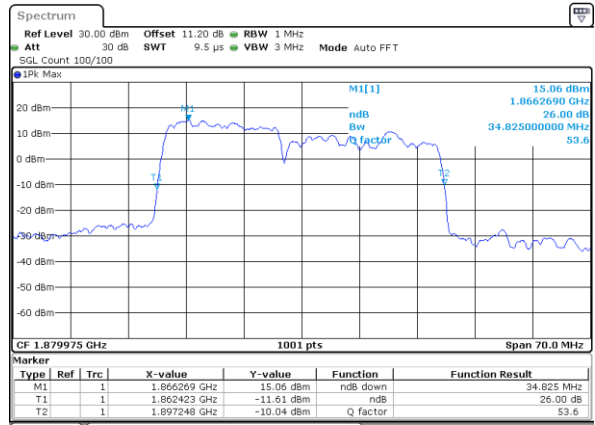
Date: 30_AUG.2022 15:12:53

Middle Channel / 15MHz+15MHz



Date: 30_AUG.2022 15:07:24

Middle Channel / 15MHz+20MHz



Date: 30_AUG.2022 15:02:16