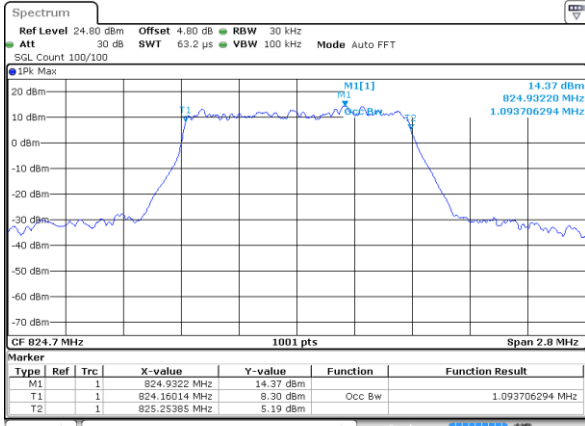




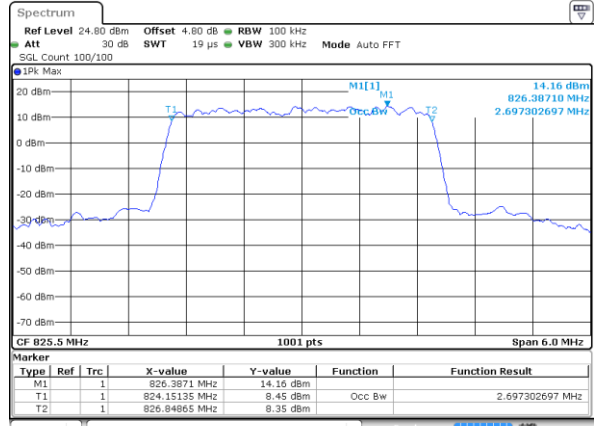
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



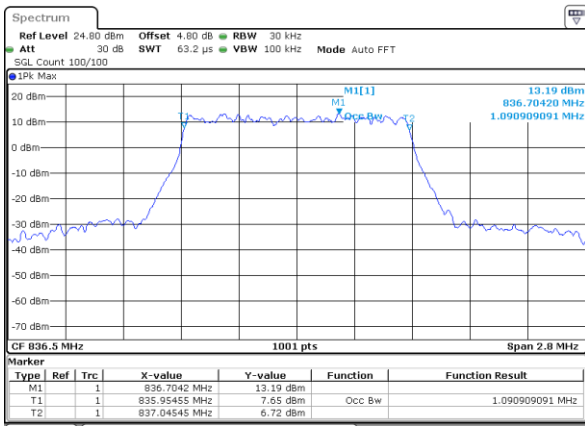
Date: 8 AUG 2020 15:47:41

Lowest Channel / 3MHz / 64QAM



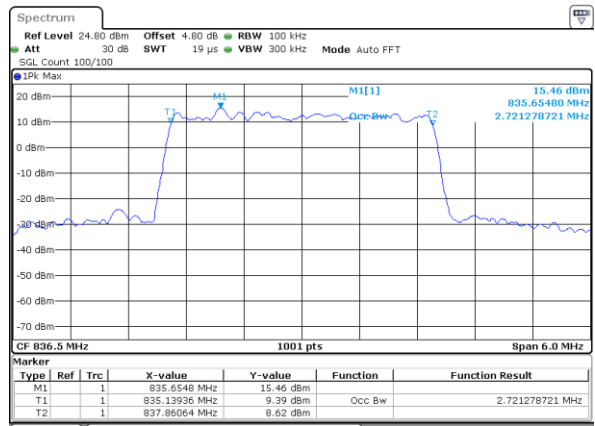
Date: 8 AUG 2020 15:11:51

Middle Channel / 1.4MHz / 64QAM



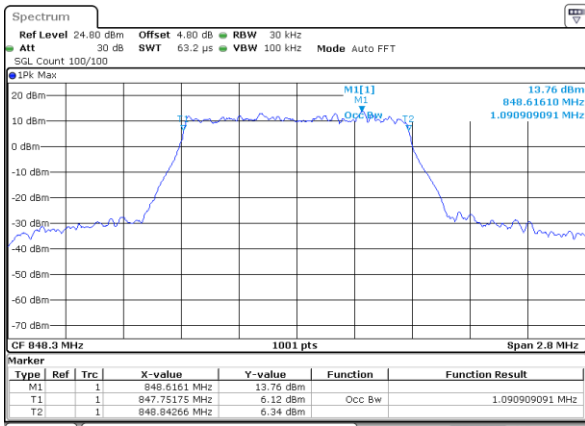
Date: 8 AUG 2020 15:07:01

Middle Channel / 3MHz / 64QAM



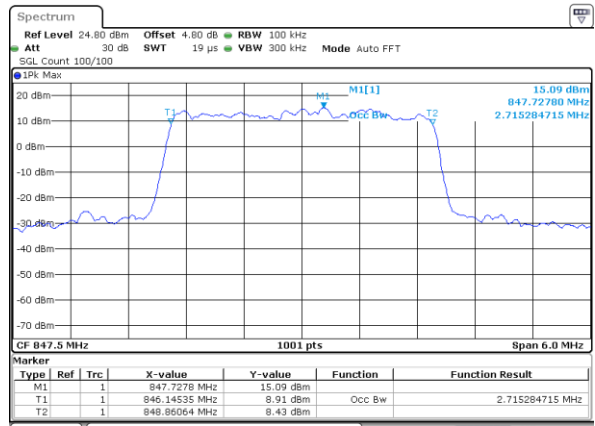
Date: 8 AUG 2020 15:17:15

Highest Channel / 1.4MHz / 64QAM



Date: 8 AUG 2020 15:07:21

Highest Channel / 3MHz / 64QAM

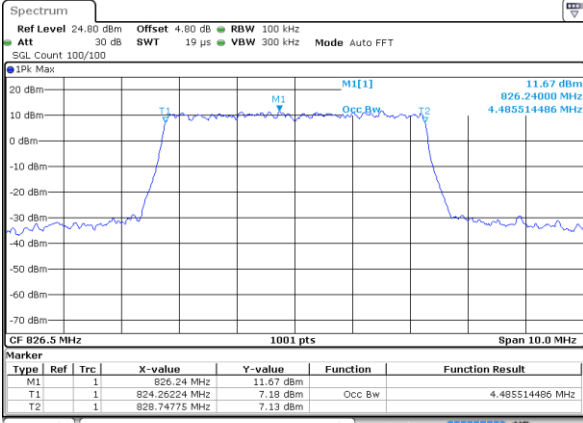


Date: 8 AUG 2020 15:17:35



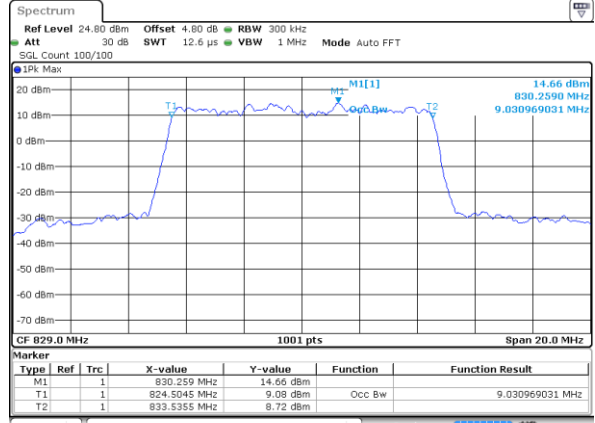
LTE Band 5

Lowest Channel / 5MHz / 64QAM



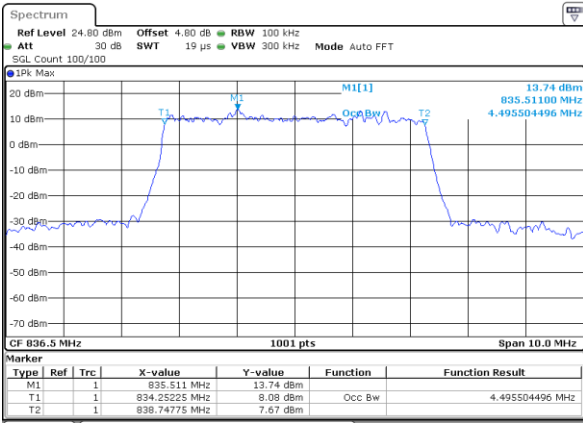
Date: 8 AUG 2020 15:22:05

Lowest Channel / 10MHz / 64QAM



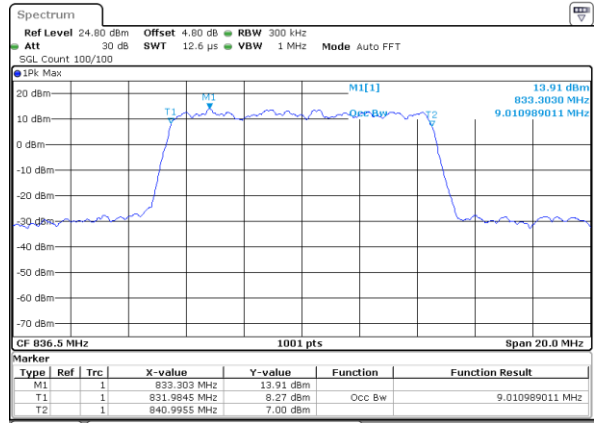
Date: 8 AUG 2020 15:32:19

Middle Channel / 5MHz / 64QAM



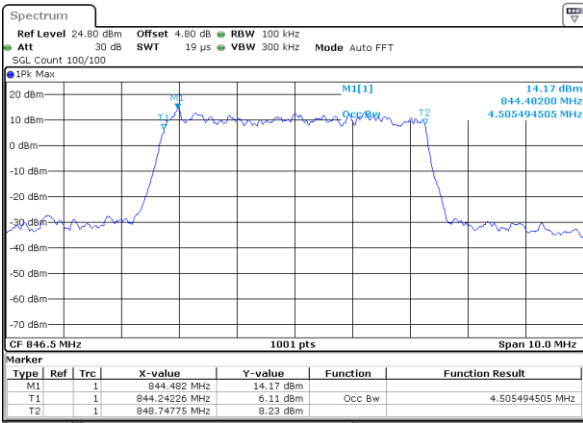
Date: 8 AUG 2020 15:27:29

Middle Channel / 10MHz / 64QAM



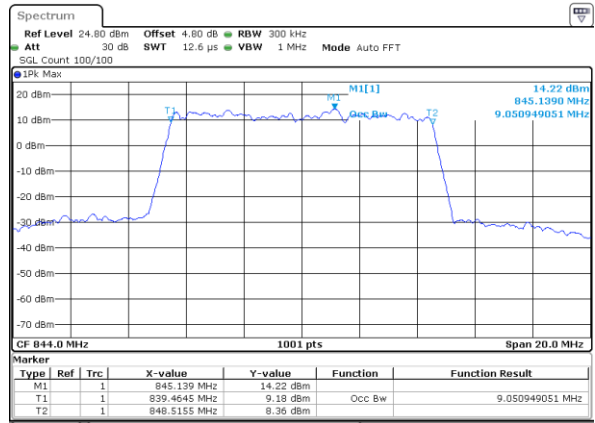
Date: 8 AUG 2020 15:37:44

Highest Channel / 5MHz / 64QAM



Date: 8 AUG 2020 15:27:49

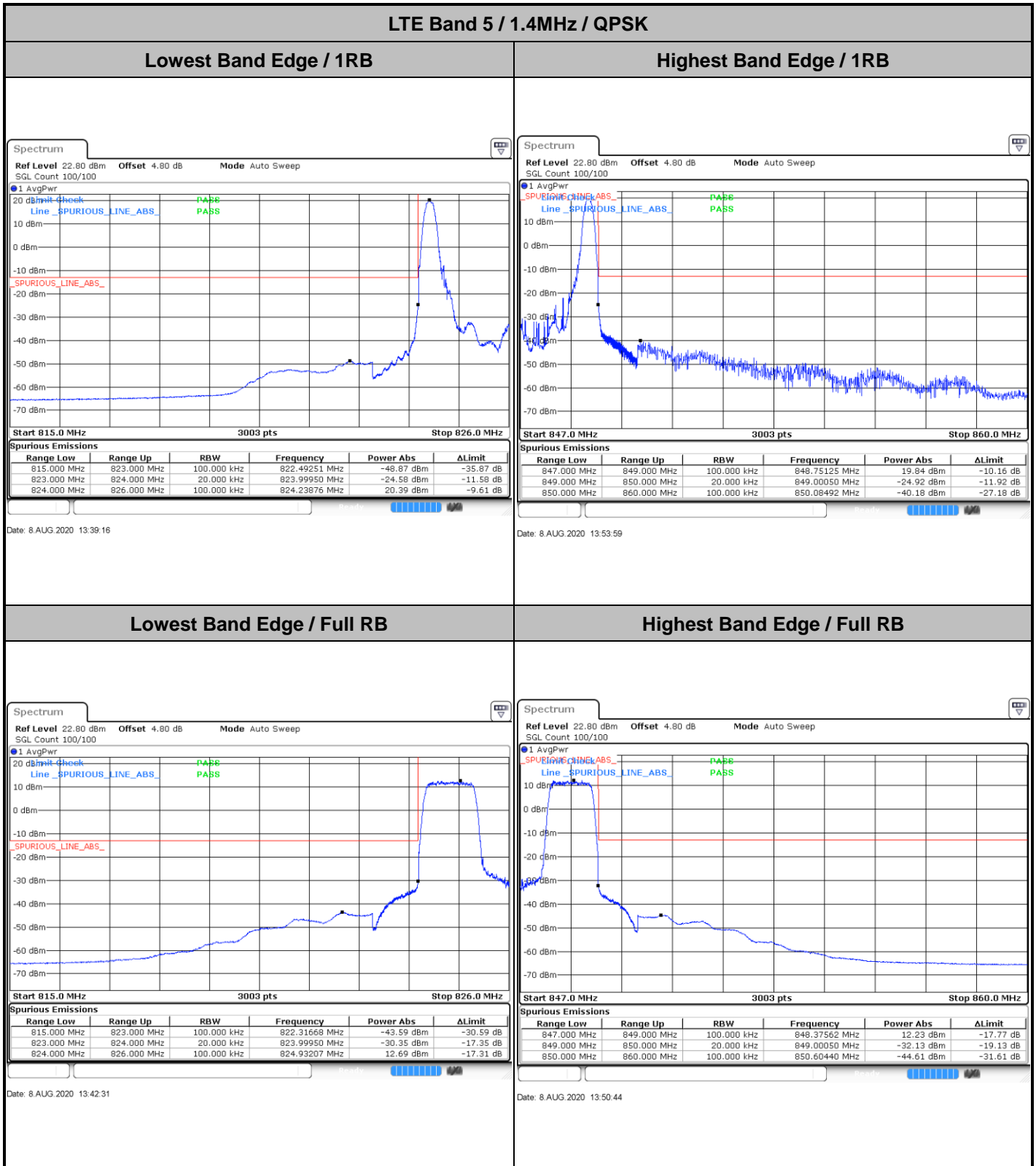
Highest Channel / 10MHz / 64QAM



Date: 8 AUG 2020 15:38:04



# Conducted Band Edge





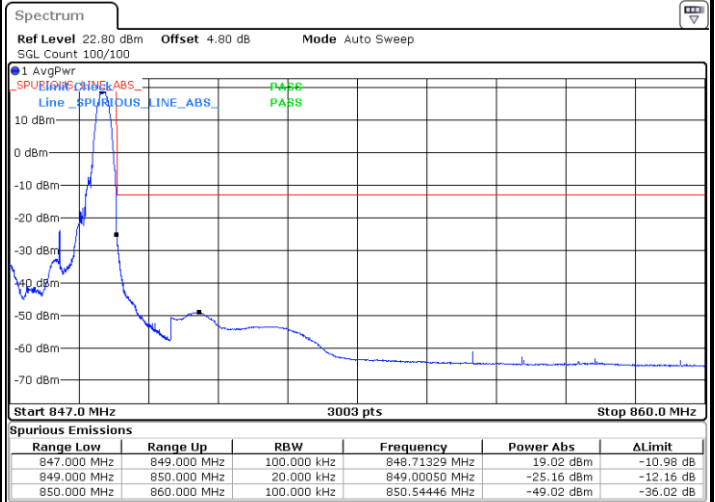
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



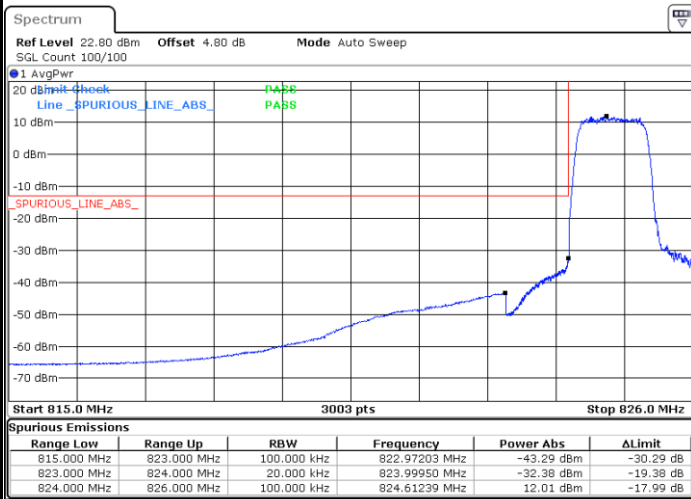
Date: 8 AUG.2020 13:40:53

Highest Band Edge / 1 RB



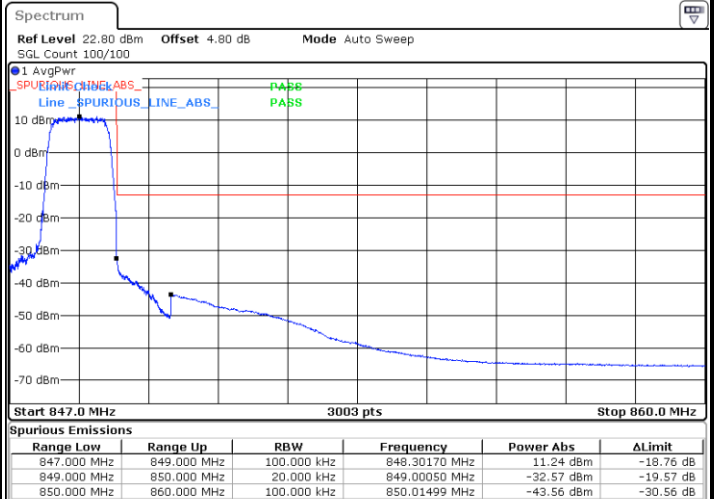
Date: 8 AUG.2020 13:55:37

Lowest Band Edge / Full RB



Date: 8 AUG.2020 13:44:08

Highest Band Edge / Full RB

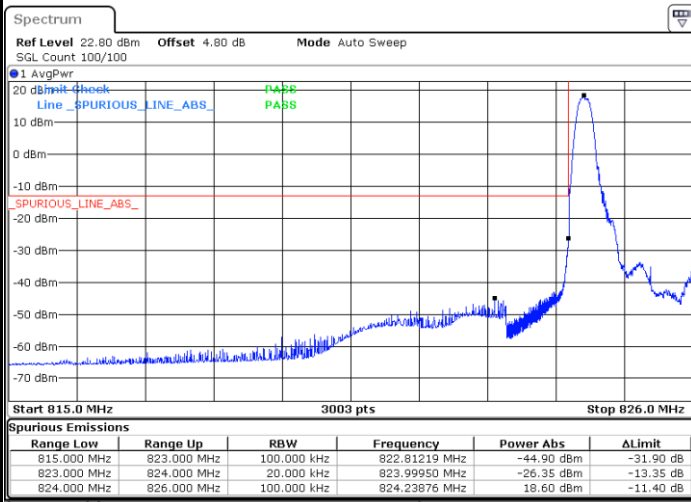


Date: 8 AUG.2020 13:52:22



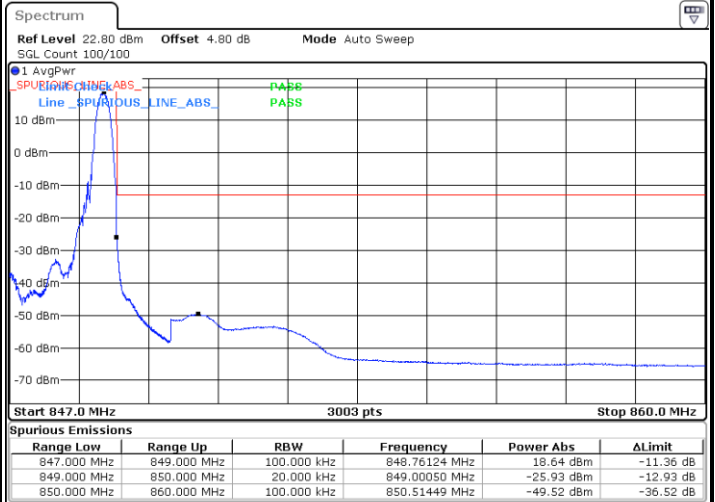
LTE Band 5 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



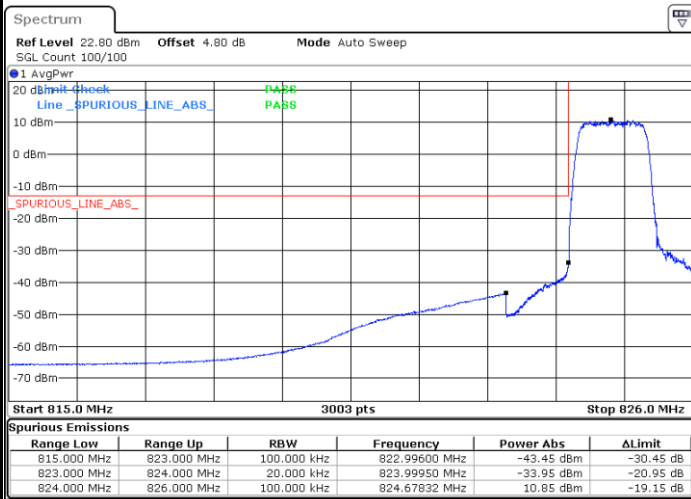
Date: 8 AUG.2020 15:05:02

Highest Band Edge / 1 RB



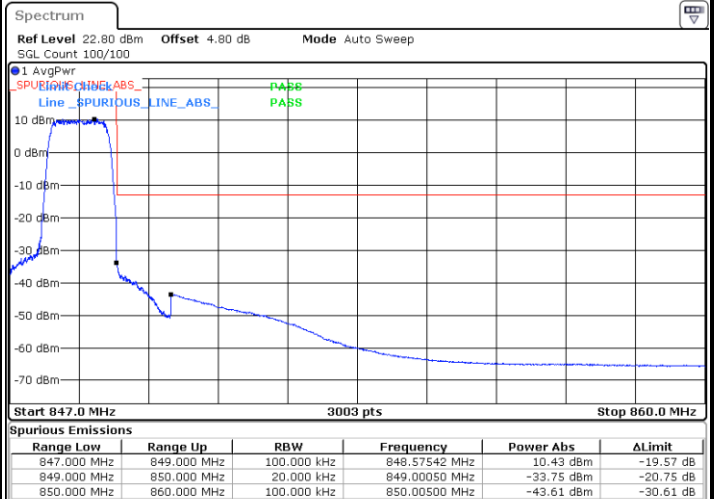
Date: 8 AUG.2020 15:10:47

Lowest Band Edge / Full RB



Date: 8 AUG.2020 15:47:28

Highest Band Edge / Full RB

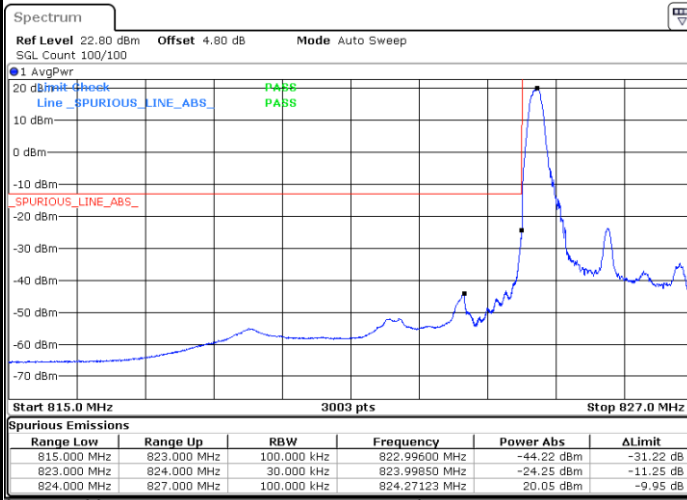


Date: 8 AUG.2020 15:09:09



LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



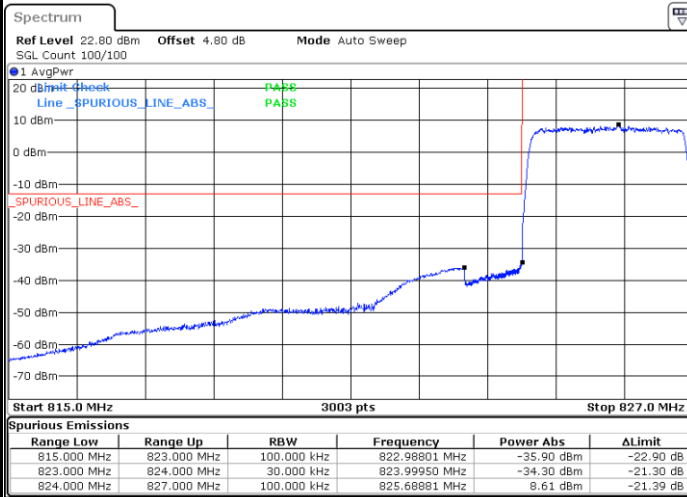
Date: 8 AUG.2020 13:59:44

Highest Band Edge / 1 RB



Date: 8 AUG.2020 14:11:12

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:02:59

Highest Band Edge / Full RB

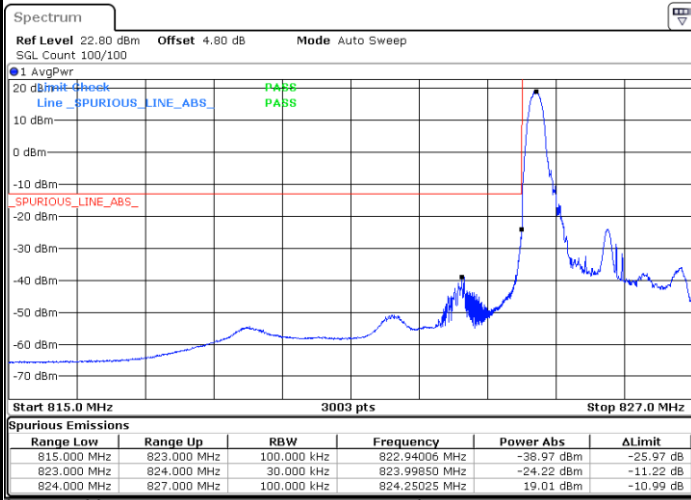


Date: 8 AUG.2020 14:14:27



LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



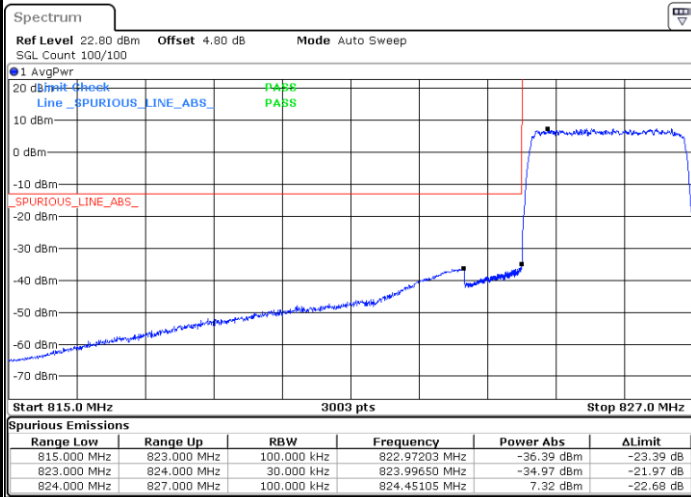
Date: 8 AUG.2020 14:01:21

Highest Band Edge / 1 RB



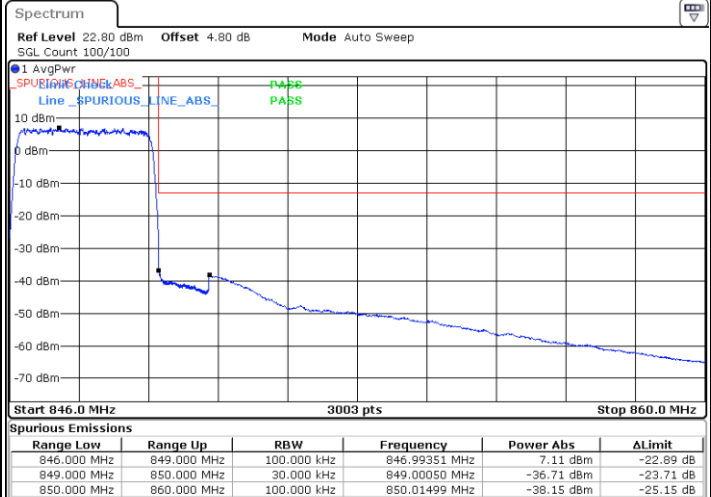
Date: 8 AUG.2020 14:12:50

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:04:36

Highest Band Edge / Full RB

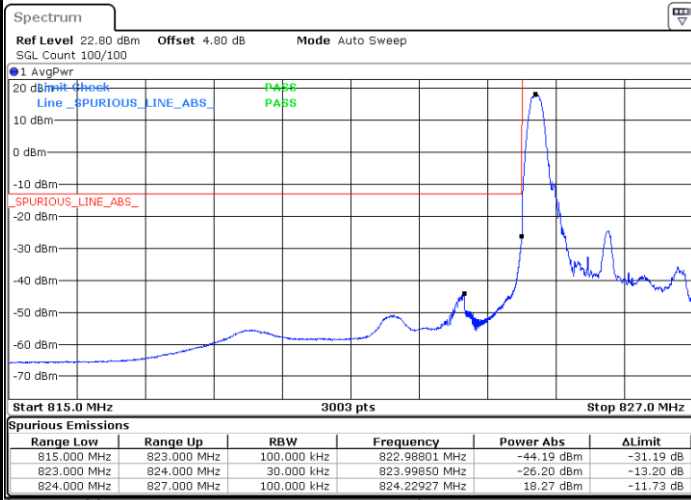


Date: 8 AUG.2020 14:16:05



LTE Band 5 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



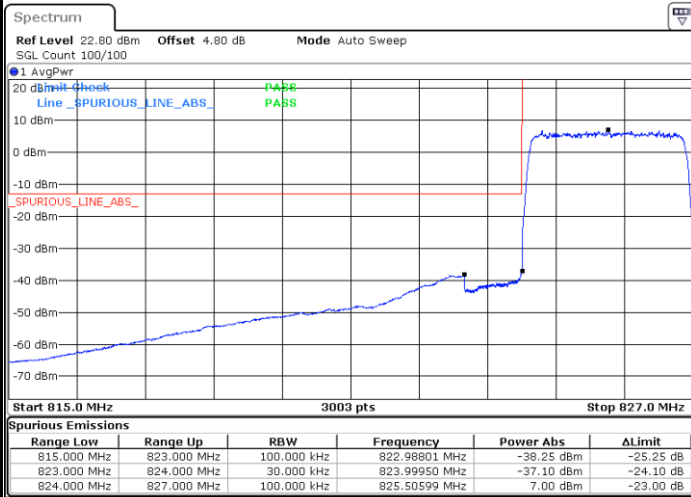
Date: 8 AUG.2020 15:15:16

Highest Band Edge / 1 RB



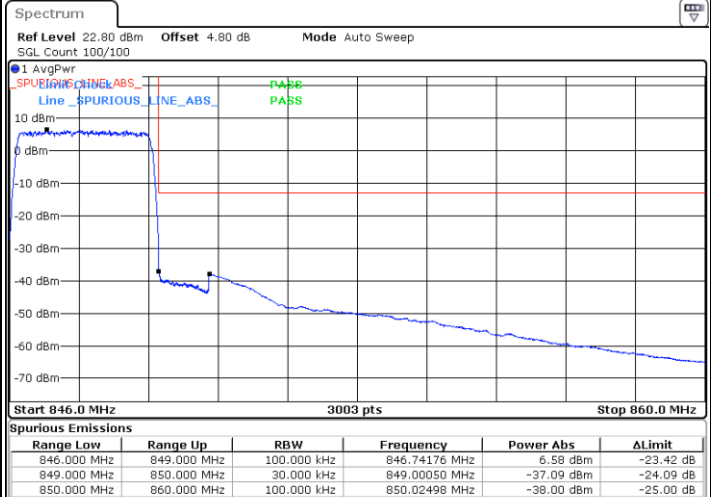
Date: 8 AUG.2020 15:21:01

Lowest Band Edge / Full RB



Date: 8 AUG.2020 15:13:39

Highest Band Edge / Full RB

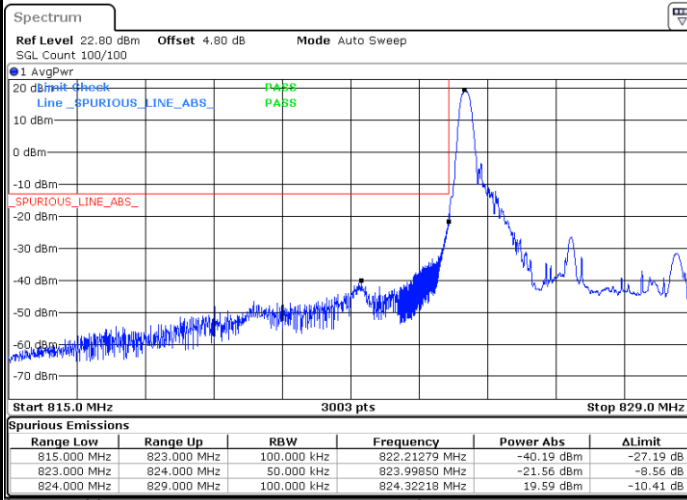


Date: 8 AUG.2020 15:19:23



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



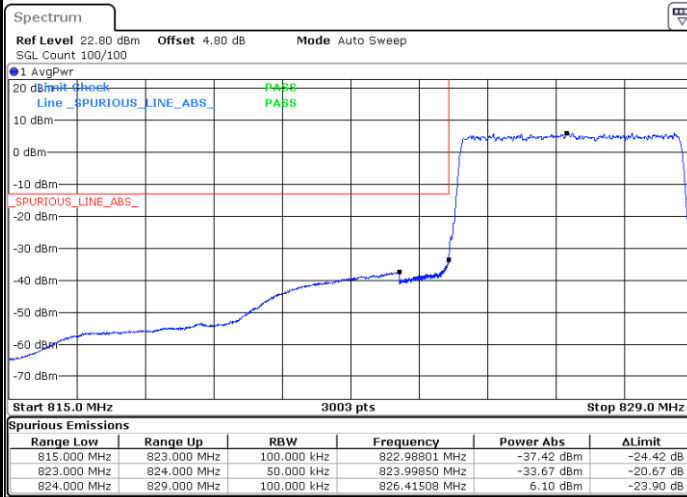
Date: 8 AUG.2020 14:20:12

Highest Band Edge / 1 RB



Date: 8 AUG.2020 14:31:40

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:23:27

Highest Band Edge / Full RB

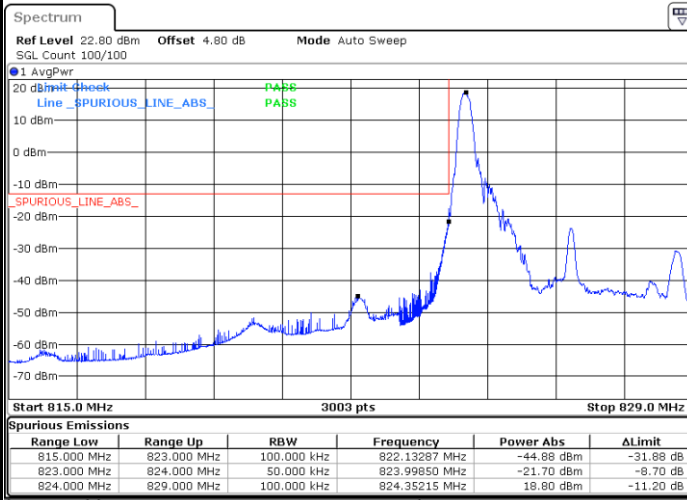


Date: 8 AUG.2020 14:34:55



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



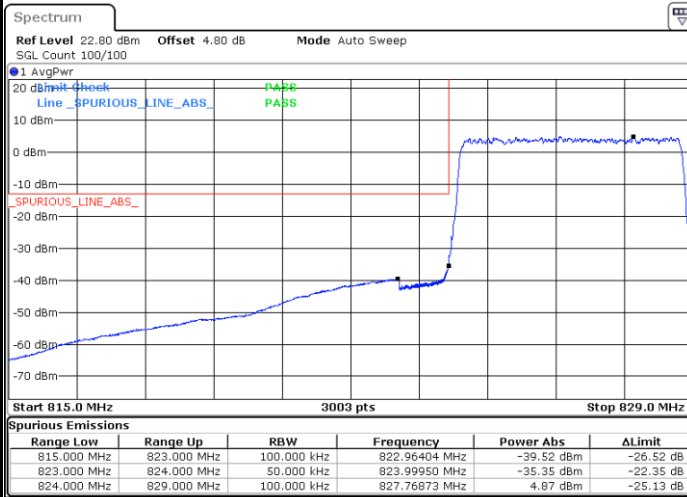
Date: 8 AUG.2020 14:21:49

Highest Band Edge / 1 RB



Date: 8 AUG.2020 14:33:18

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:25:04

Highest Band Edge / Full RB

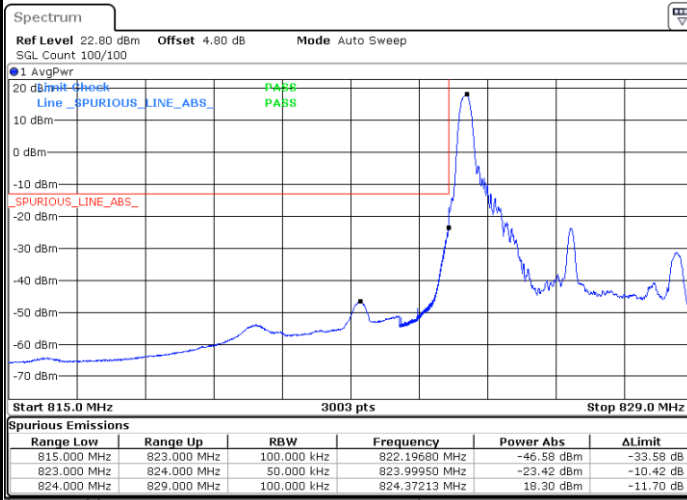


Date: 8 AUG.2020 14:36:33



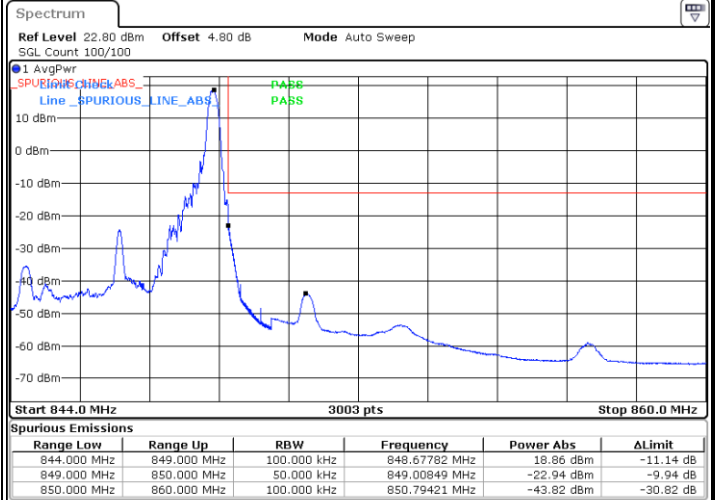
LTE Band 5 / 5MHz / 64QAM

Lowest Band Edge / 1RB



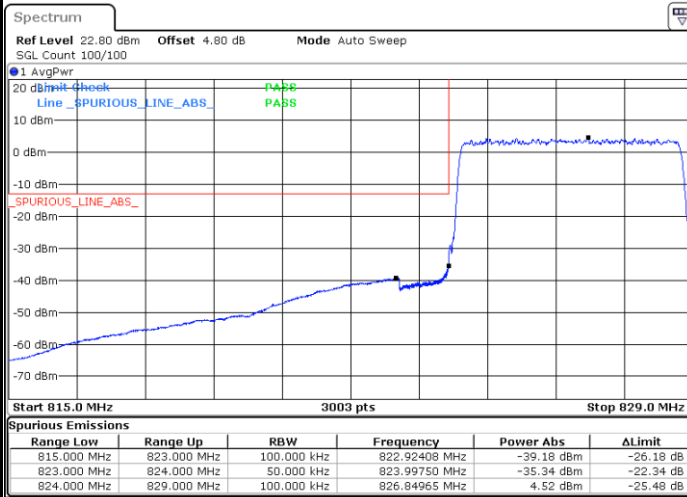
Date: 8 AUG.2020 15:25:30

Highest Band Edge / 1 RB



Date: 8 AUG.2020 15:31:15

Lowest Band Edge / Full RB



Date: 8 AUG.2020 15:23:53

Highest Band Edge / Full RB

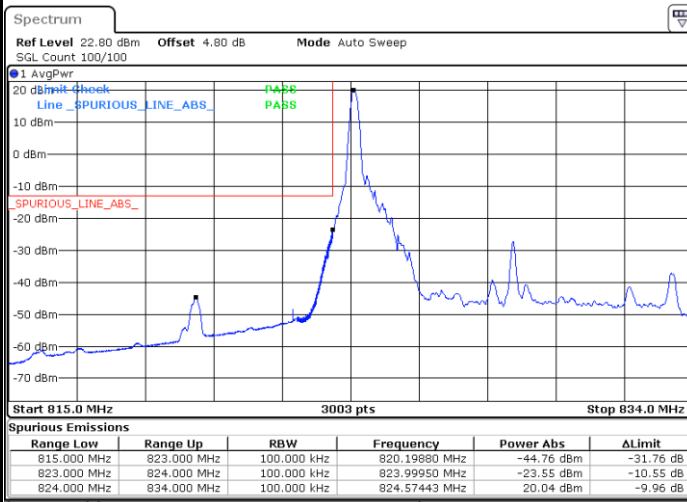


Date: 8 AUG.2020 15:29:37



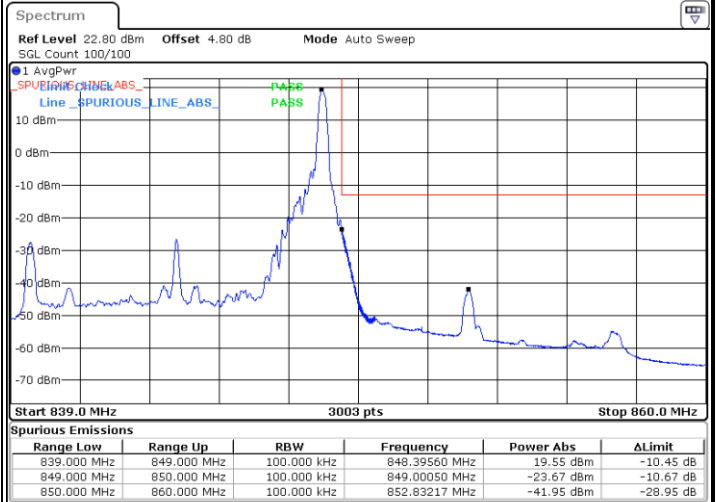
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



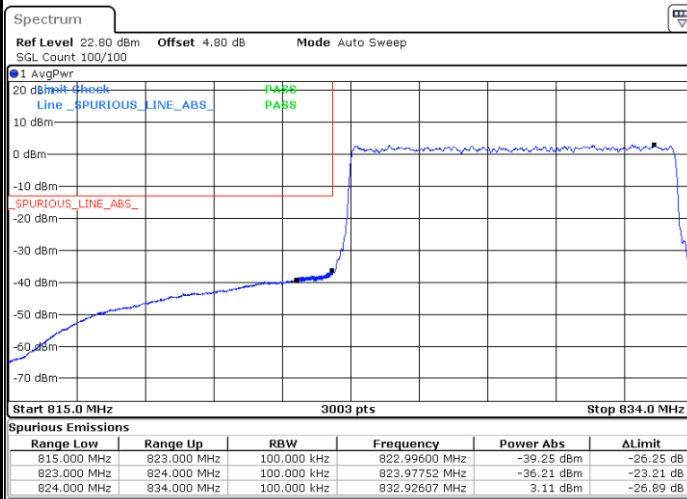
Date: 8 AUG.2020 14:40:40

Highest Band Edge / 1 RB



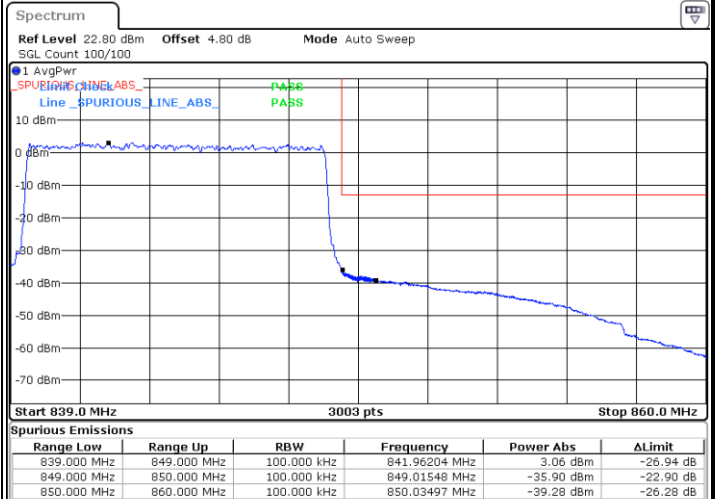
Date: 8 AUG.2020 14:52:09

Lowest Band Edge / Full RB



Date: 8 AUG.2020 14:43:55

Highest Band Edge / Full RB

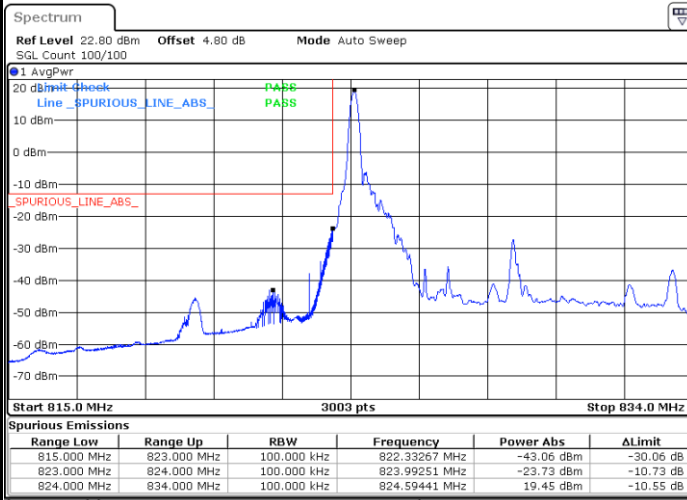


Date: 8 AUG.2020 14:55:24



LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



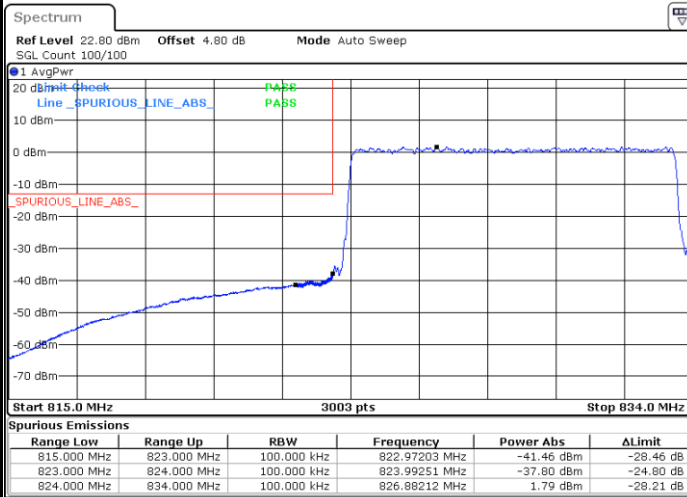
Date: 8 AUG 2020 14:42:17

Highest Band Edge / 1 RB



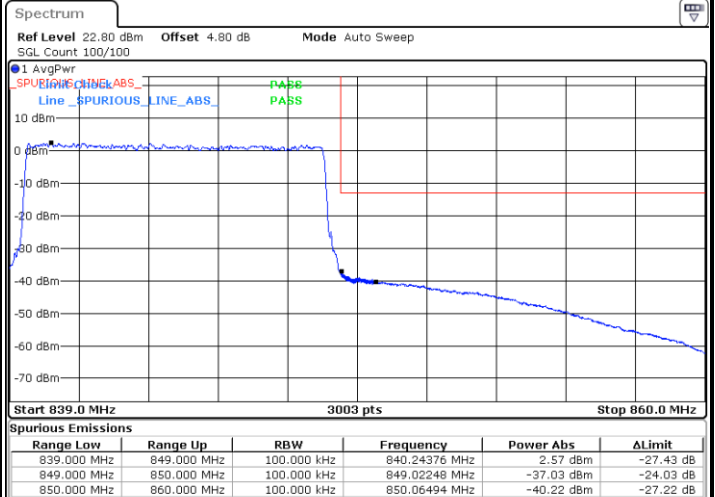
Date: 8 AUG 2020 14:53:46

Lowest Band Edge / Full RB



Date: 8 AUG 2020 14:45:33

Highest Band Edge / Full RB

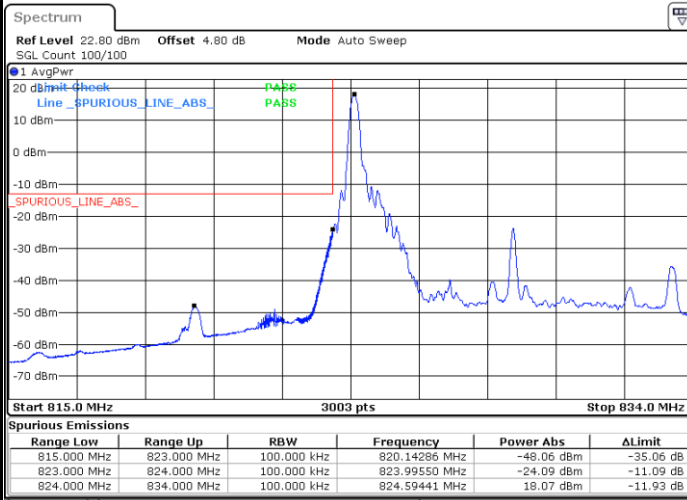


Date: 8 AUG 2020 14:57:01



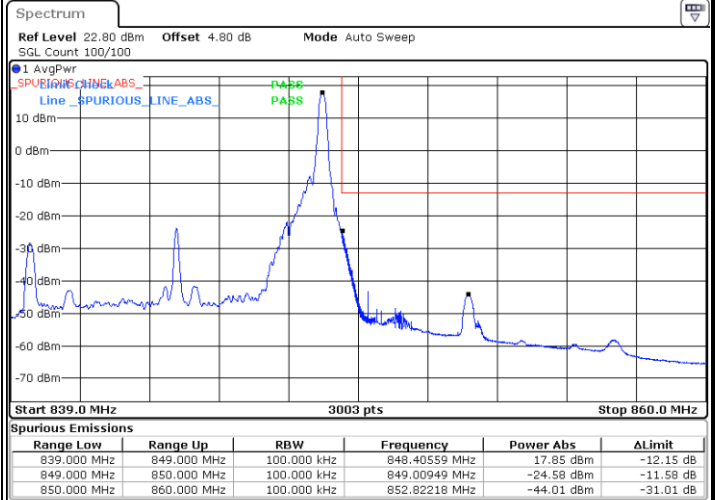
LTE Band 5 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



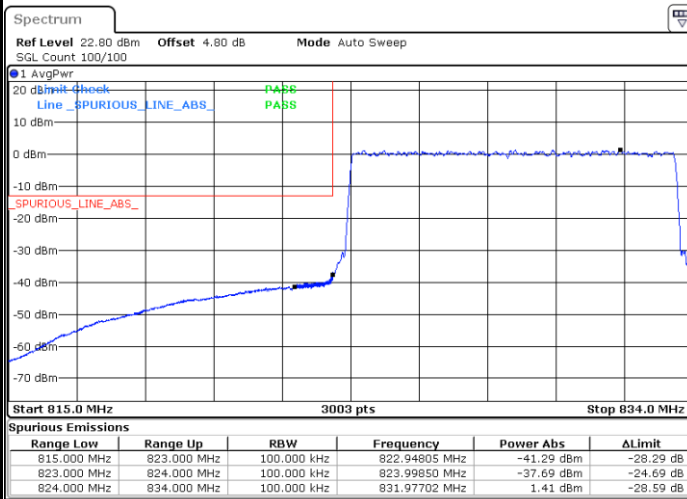
Date: 8 AUG.2020 15:35:45

Highest Band Edge / 1 RB



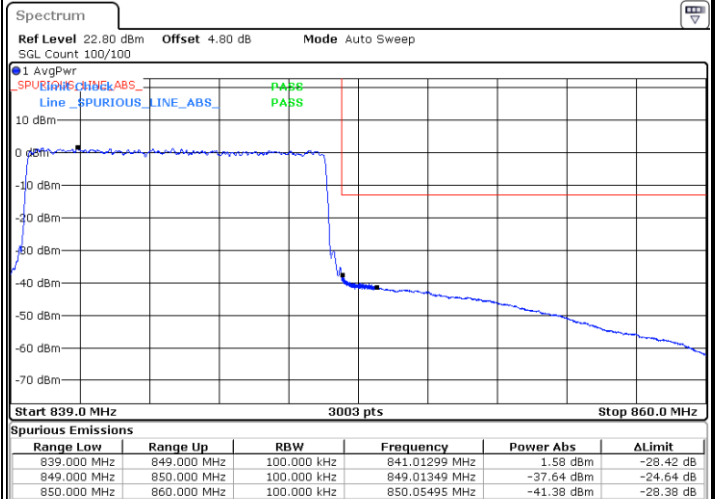
Date: 8 AUG.2020 15:41:29

Lowest Band Edge / Full RB



Date: 8 AUG.2020 15:34:07

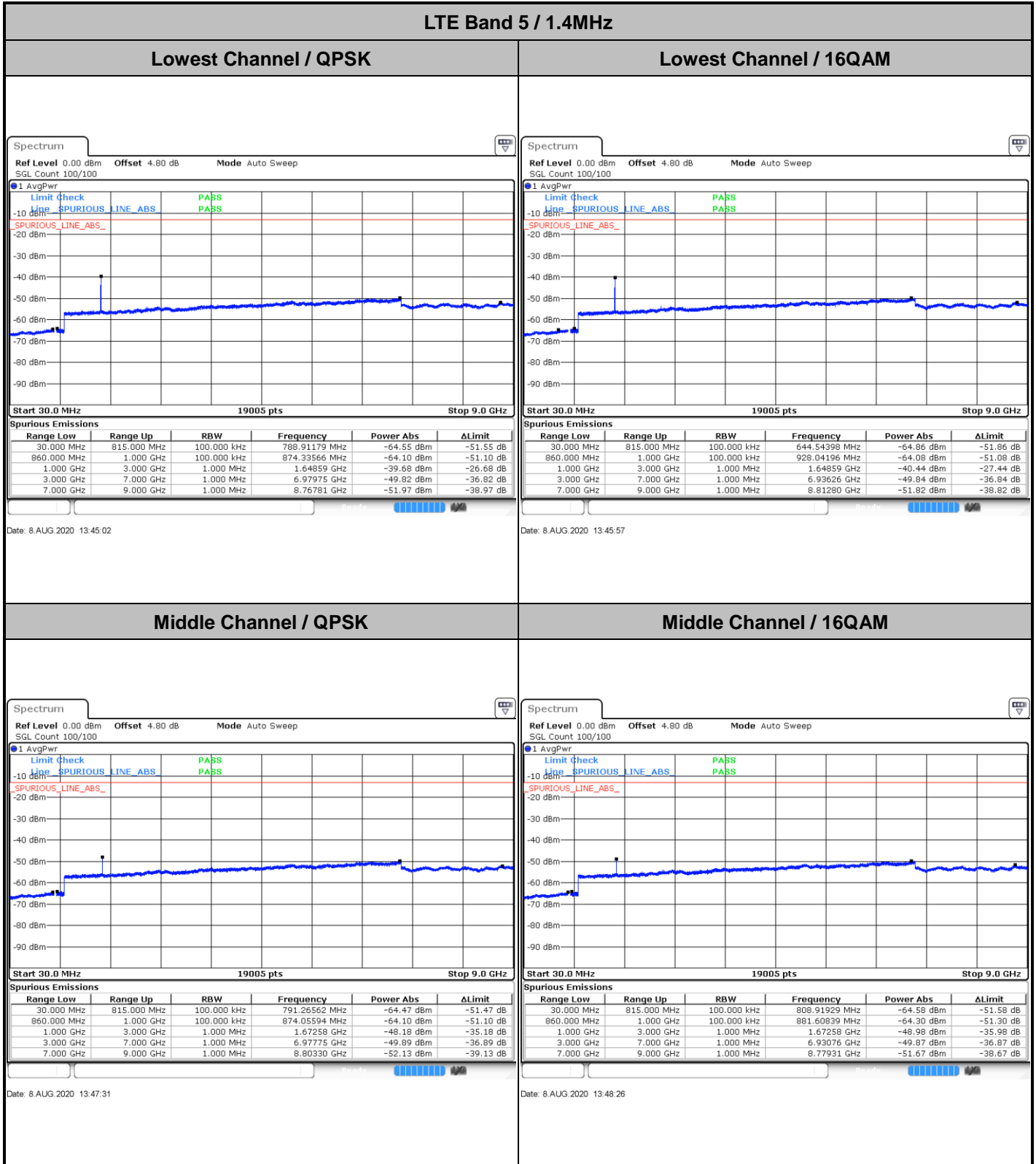
Highest Band Edge / Full RB



Date: 8 AUG.2020 15:39:52



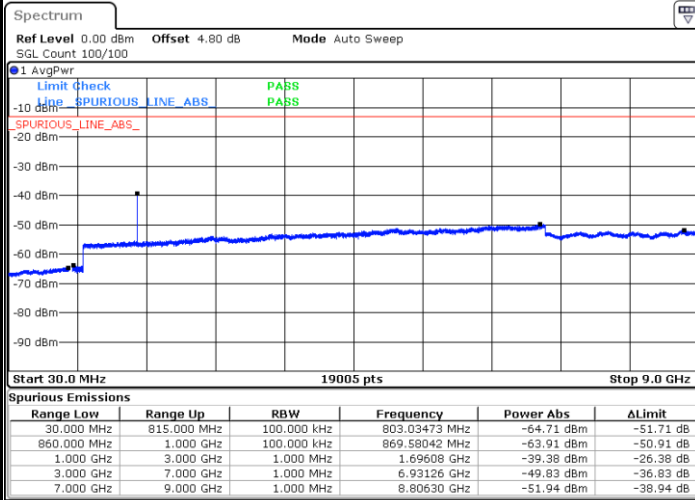
# Conducted Spurious Emission





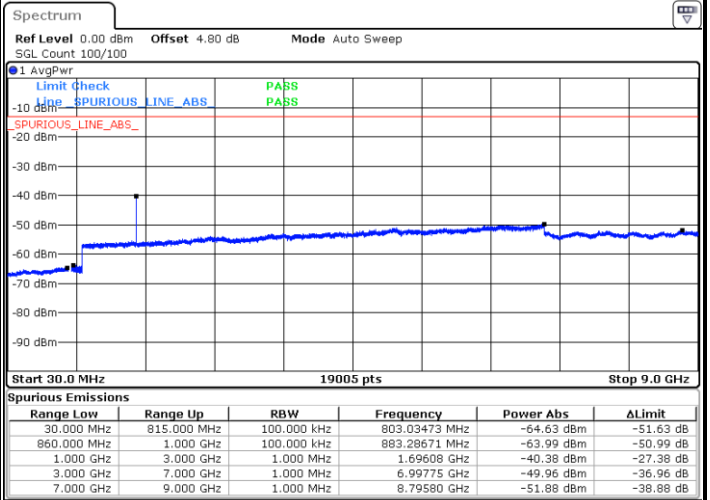
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 8 AUG.2020 13:56:31

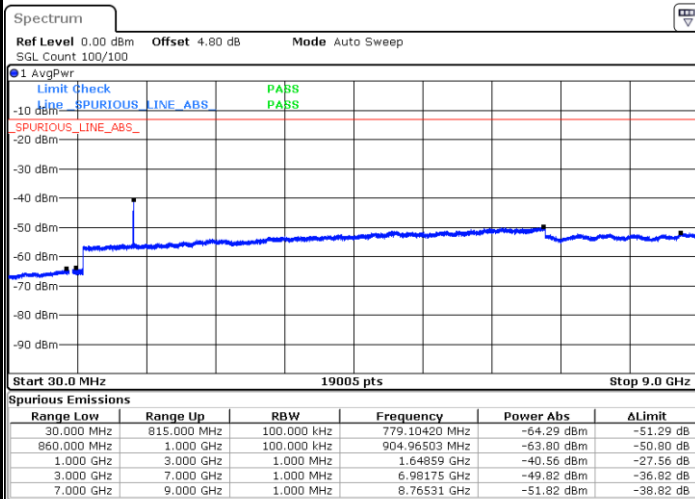
Highest Channel / 16QAM



Date: 8 AUG.2020 13:57:25

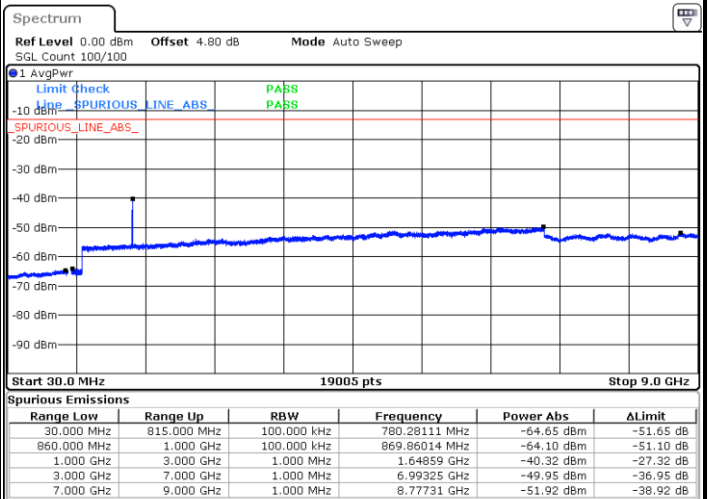
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 8 AUG.2020 14:05:30

Lowest Channel / 16QAM



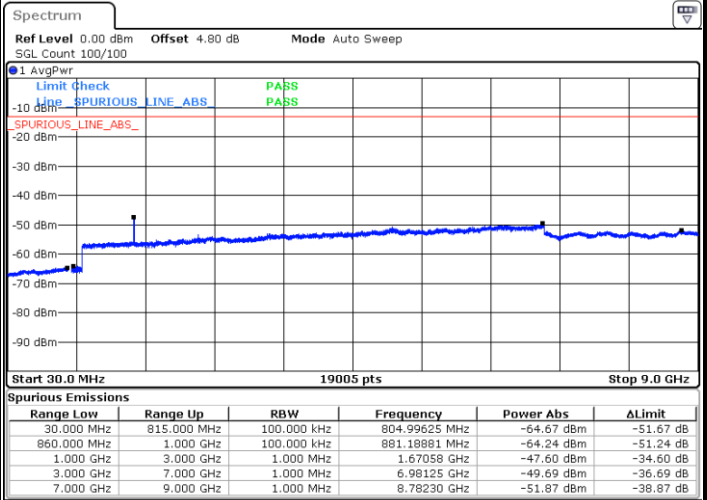
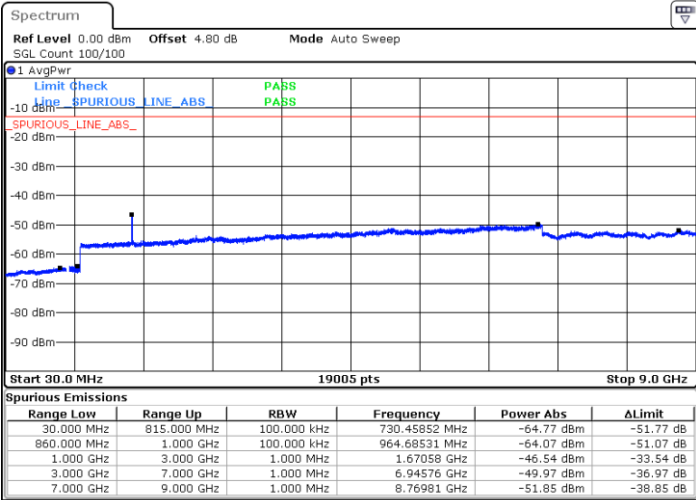
Date: 8 AUG.2020 14:06:25



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

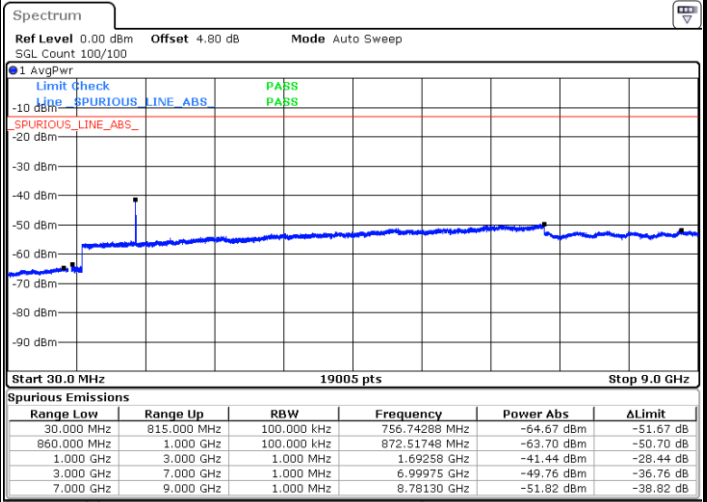
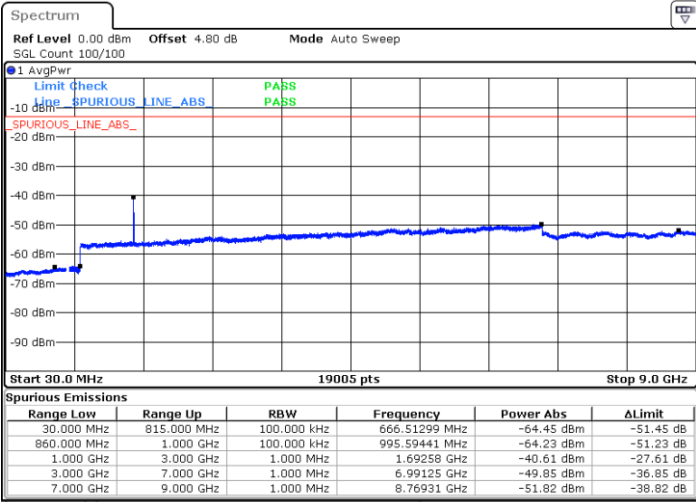


Date: 8 AUG.2020 14:07:59

Date: 8 AUG.2020 14:08:54

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 AUG.2020 14:16:59

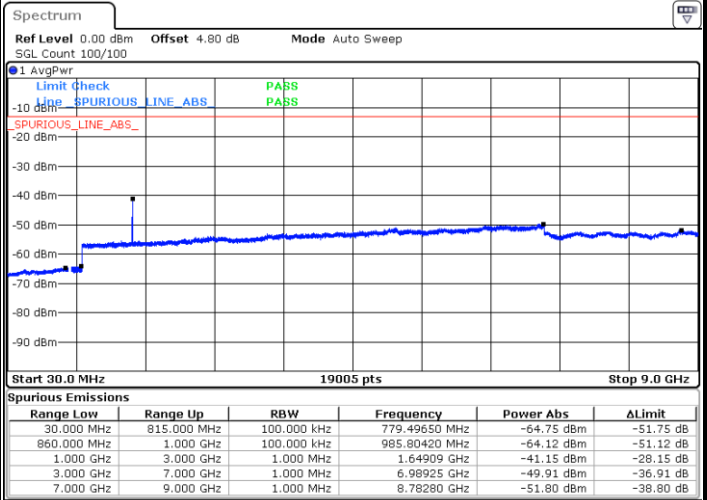
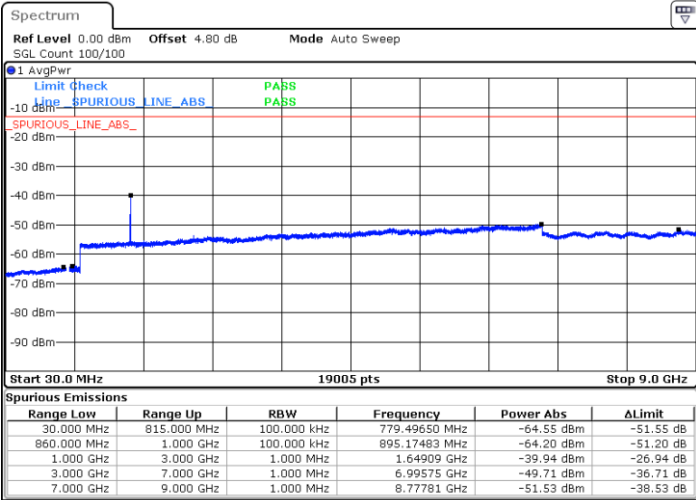
Date: 8 AUG.2020 14:17:53



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

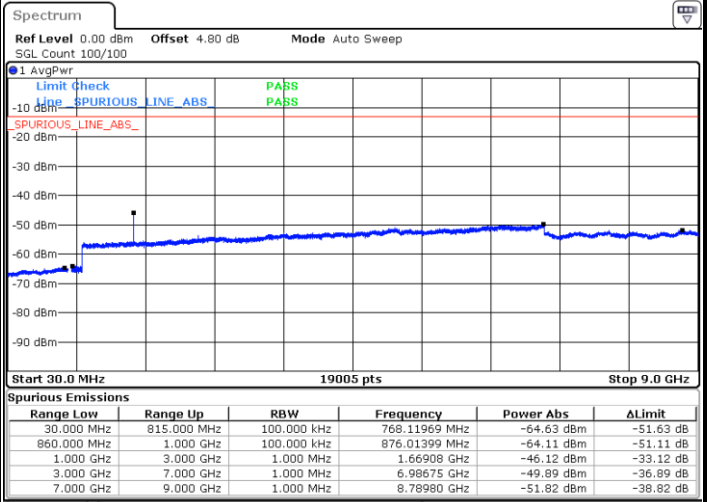
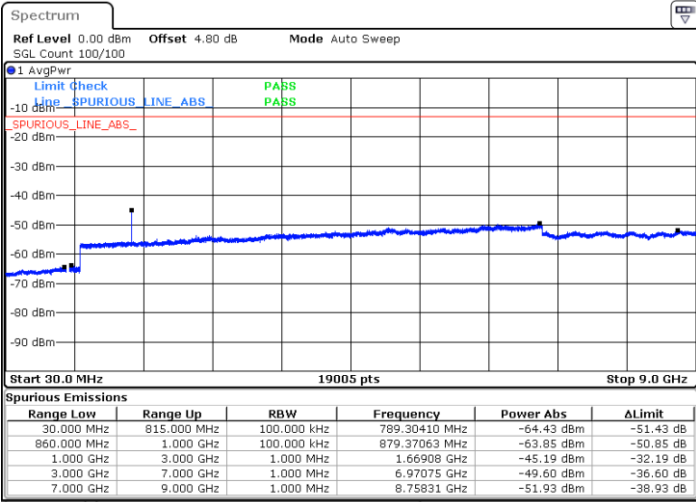


Date: 8 AUG.2020 14:25:58

Date: 8 AUG.2020 14:26:53

Middle Channel / QPSK

Middle Channel / 16QAM



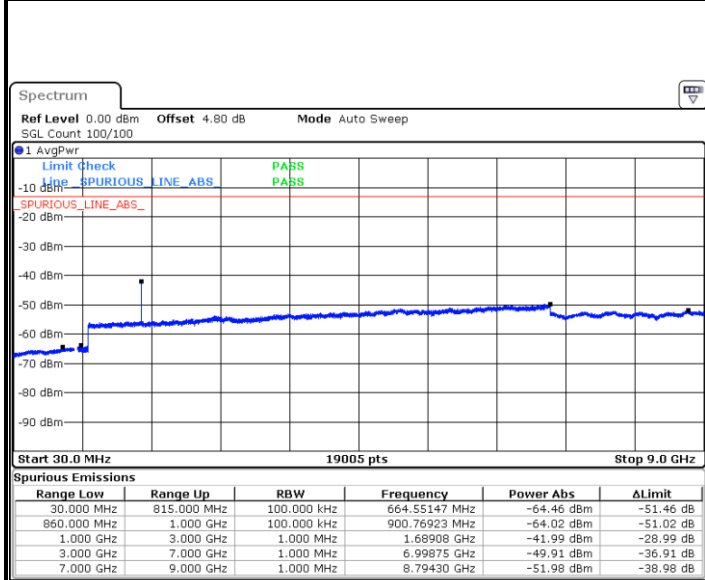
Date: 8 AUG.2020 14:28:27

Date: 8 AUG.2020 14:29:22



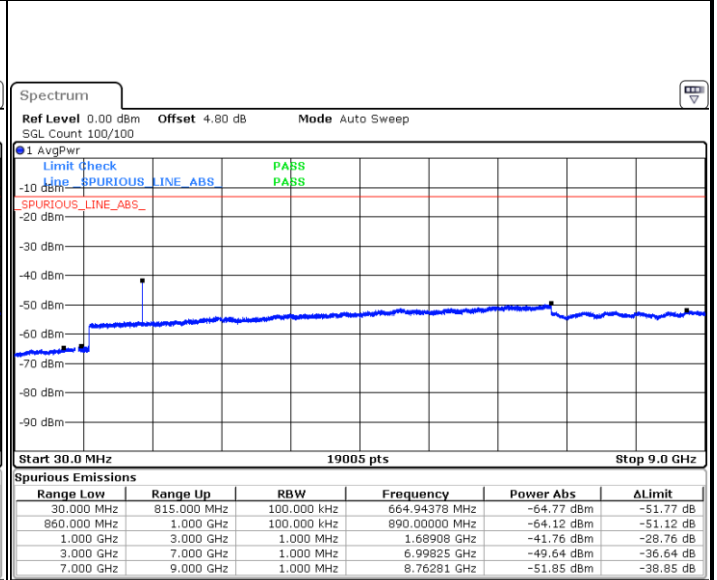
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 8 AUG.2020 14:37:27

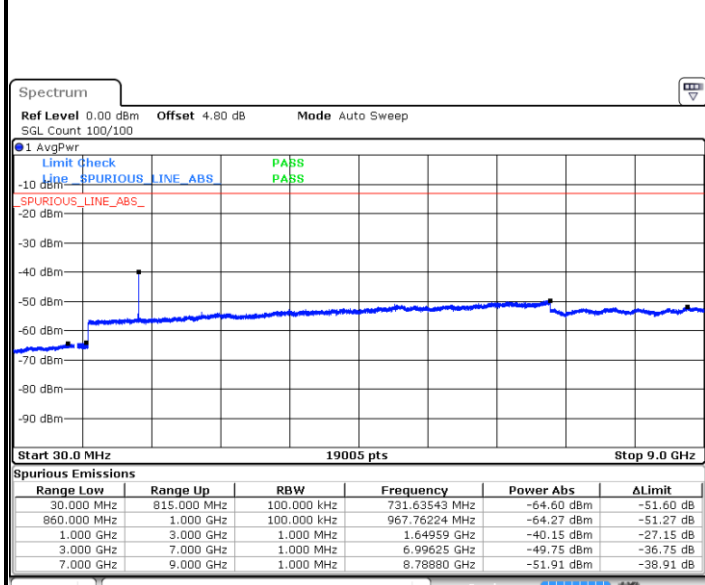
Highest Channel / 16QAM



Date: 8 AUG.2020 14:38:21

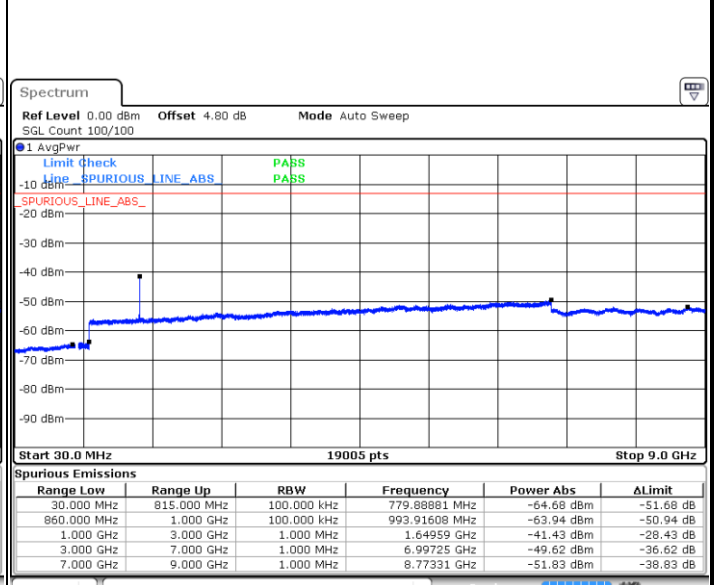
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 8 AUG.2020 14:46:26

Lowest Channel / 16QAM

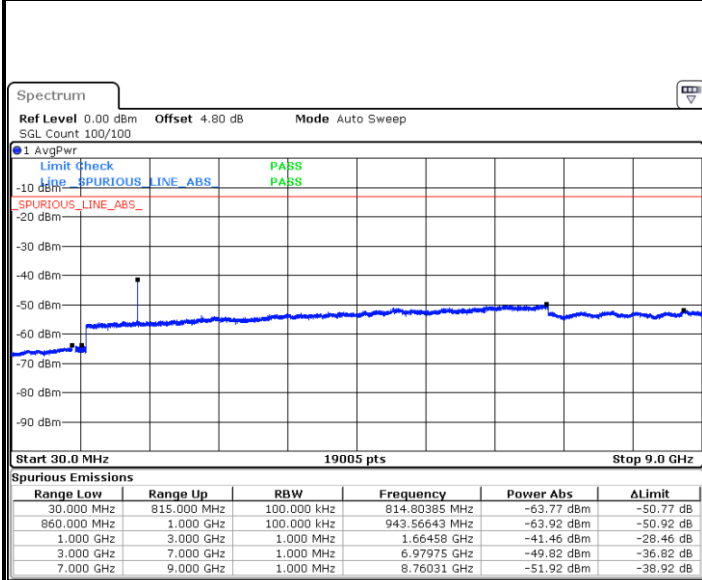


Date: 8 AUG.2020 14:47:21



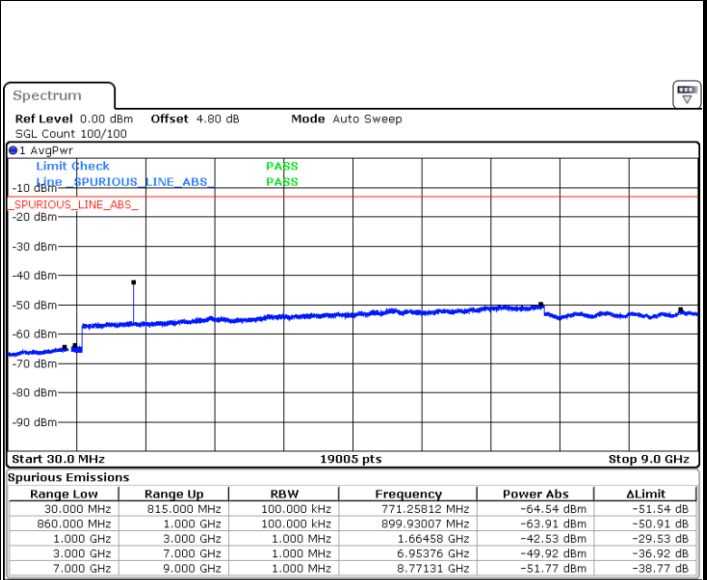
LTE Band 5 / 10MHz

Middle Channel / QPSK



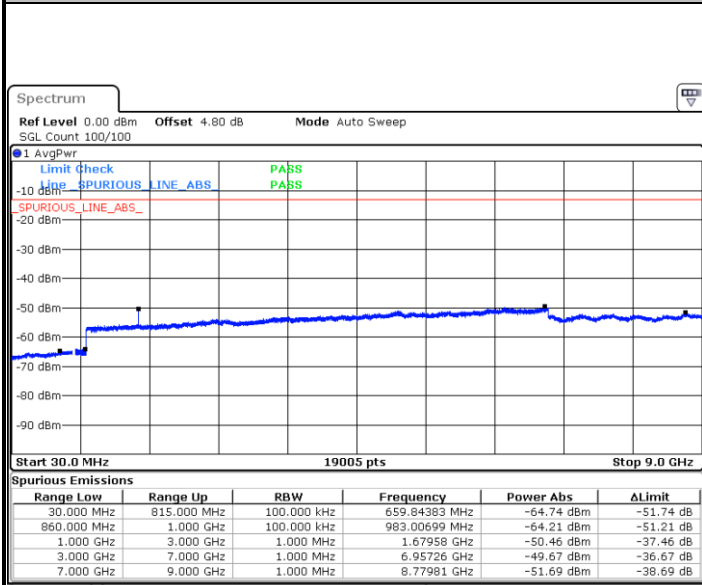
Date: 8 AUG.2020 14:48:56

Middle Channel / 16QAM



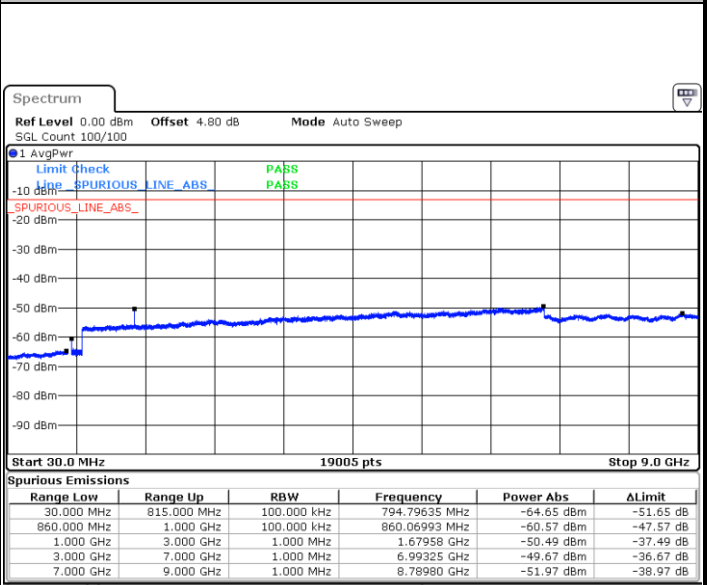
Date: 8 AUG.2020 14:49:50

Highest Channel / QPSK



Date: 8 AUG.2020 14:57:55

Highest Channel / 16QAM



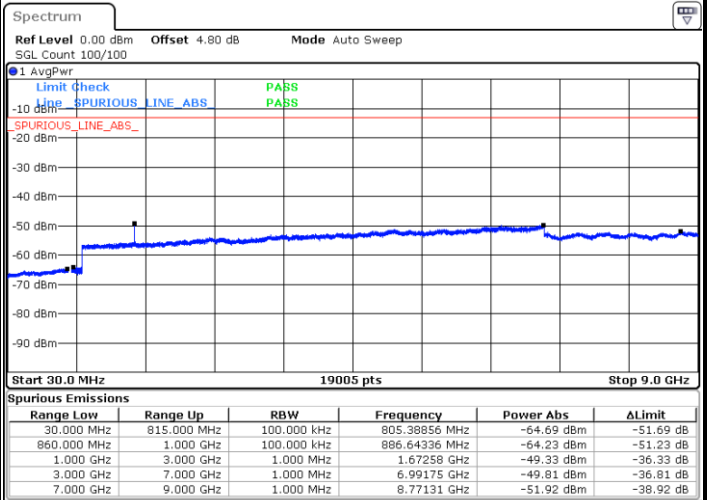
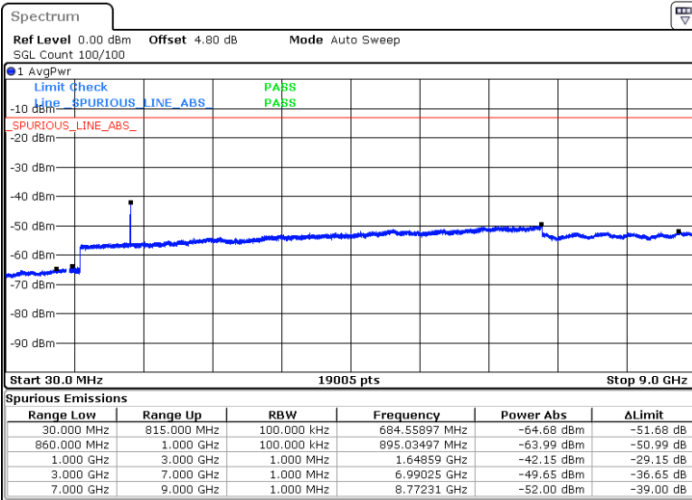
Date: 8 AUG.2020 14:58:50



LTE Band 5 / 1.4MHz

Lowest Channel / 64QAM

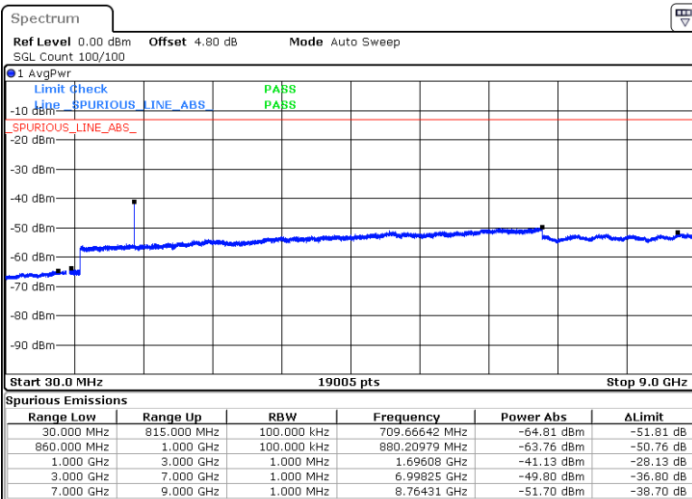
Middle Channel / 64QAM



Date: 8.AUG.2020 15:05:56

Date: 8.AUG.2020 15:06:50

Highest Channel / 64QAM



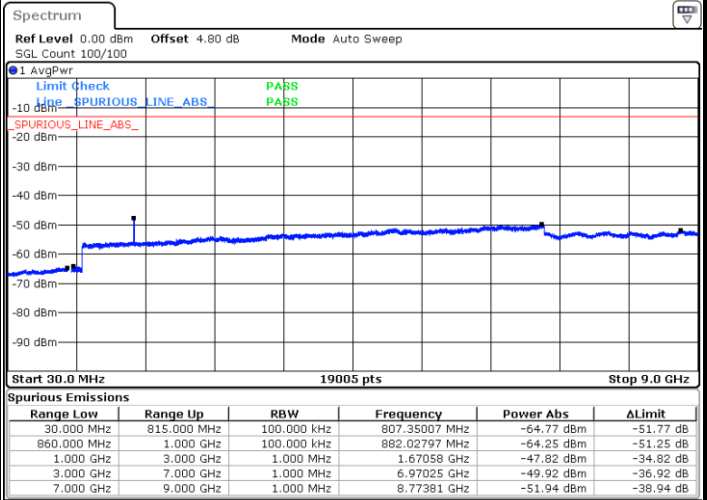
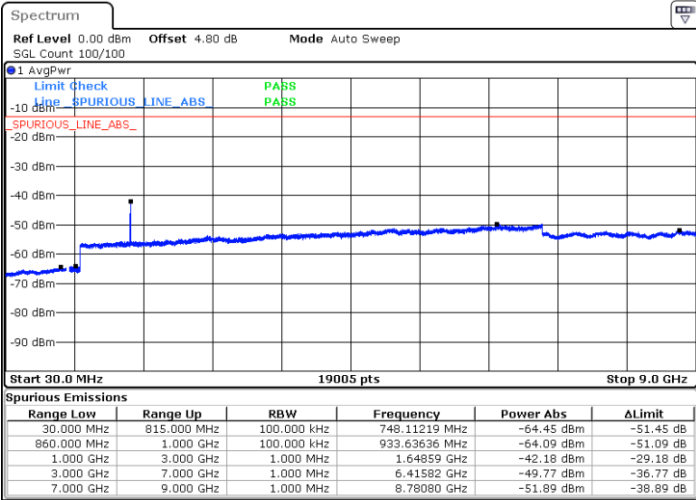
Date: 8.AUG.2020 15:11:40



LTE Band 5 / 3MHz

Lowest Channel / 64QAM

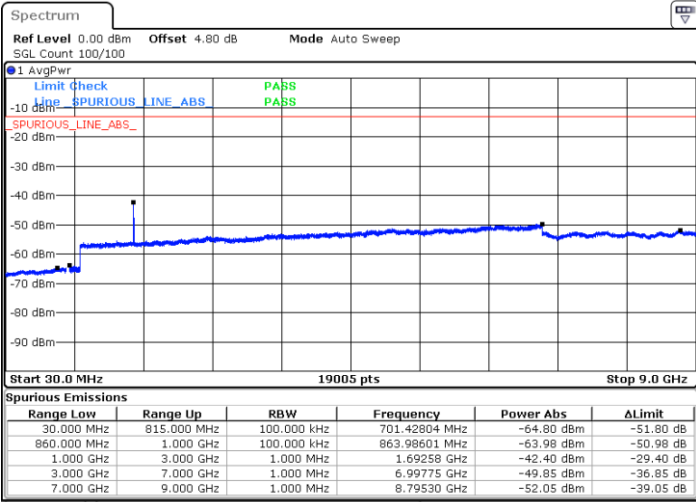
Middle Channel / 64QAM



Date: 8.AUG.2020 15:16:10

Date: 8.AUG.2020 15:17:05

Highest Channel / 64QAM



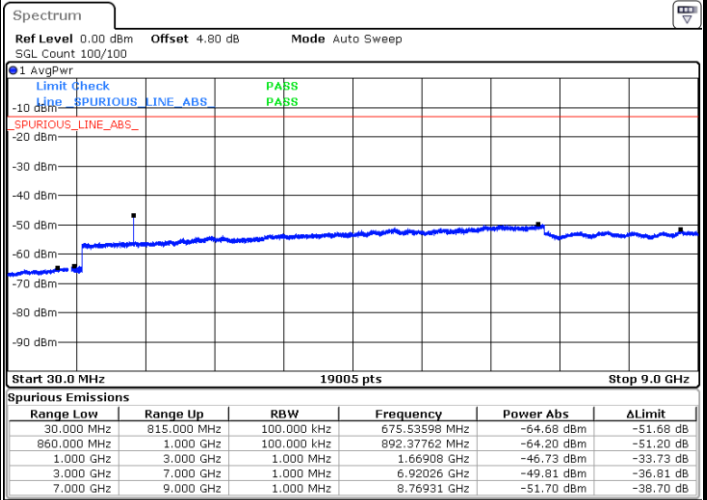
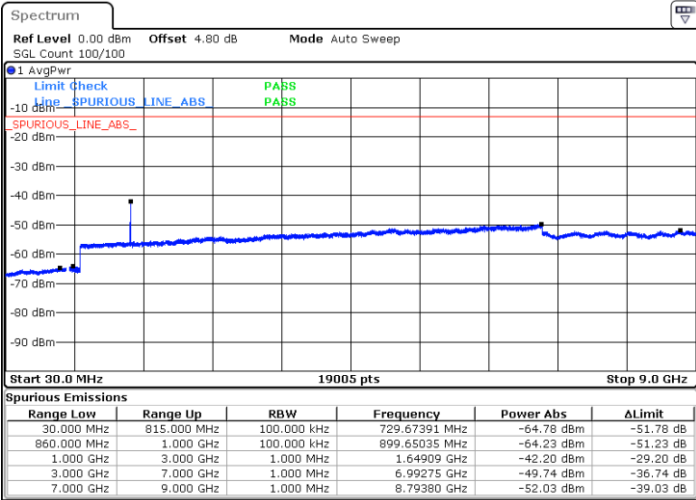
Date: 8.AUG.2020 15:21:54



LTE Band 5 / 5MHz

Lowest Channel / 64QAM

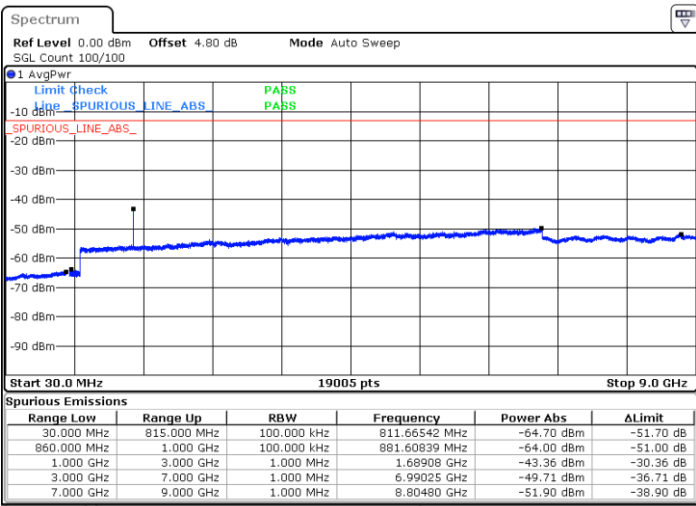
Middle Channel / 64QAM



Date: 8 AUG.2020 15:26:24

Date: 8 AUG.2020 15:27:19

Highest Channel / 64QAM



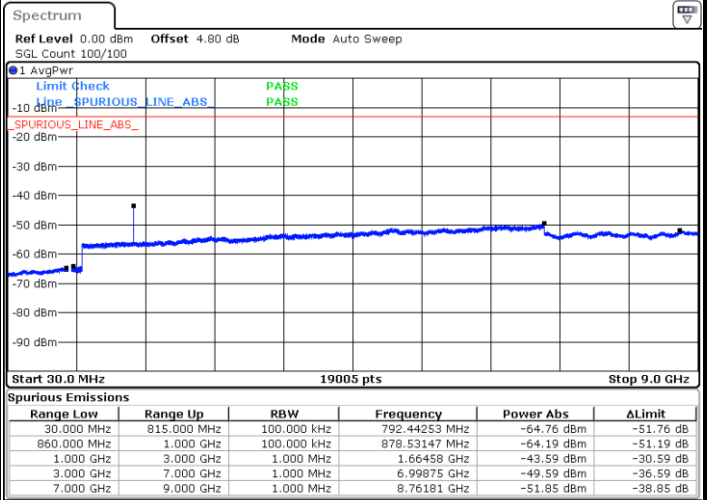
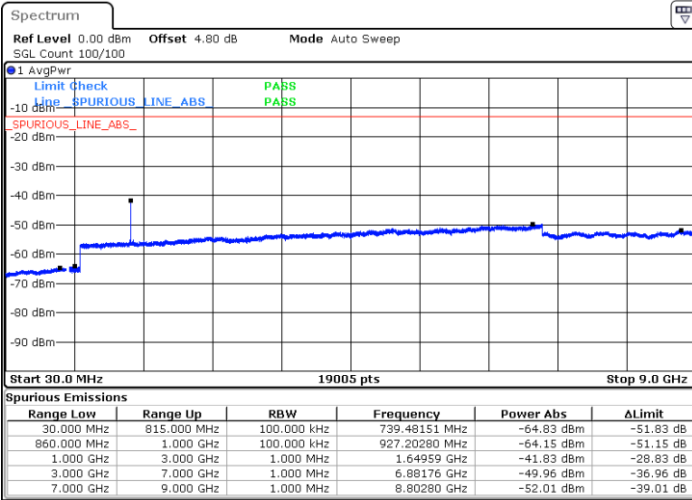
Date: 8 AUG.2020 15:32:08



LTE Band 5 / 10MHz

Lowest Channel / 64QAM

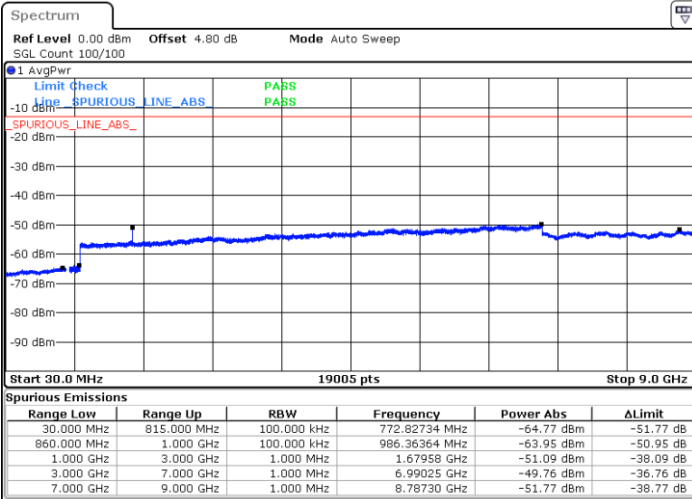
Middle Channel / 64QAM



Date: 8 AUG.2020 15:36:38

Date: 8 AUG.2020 15:37:33

Highest Channel / 64QAM



Date: 8 AUG.2020 15:42:23



Frequency Stability

Test Conditions		LTE Band 5 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0001	PASS
40	Normal Voltage	0.0018	
30	Normal Voltage	0.0050	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0056	
0	Normal Voltage	0.0059	
-10	Normal Voltage	0.0051	
-20	Normal Voltage	0.0023	
-30	Normal Voltage	0.0010	
20	Maximum Voltage	0.0051	
20	Normal Voltage	0.0060	
20	Battery End Point	0.0012	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.5 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 7

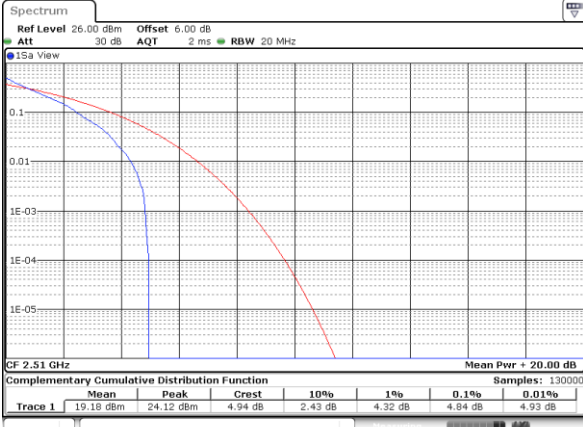
## Peak-to-Average Ratio

Mode	LTE Band 7 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.84	5.25	5.48	6.00	<b>PASS</b>
Middle CH	5.13	5.28	5.97	6.09	
Highest CH	4.75	5.22	6.12	6.09	
Mode	LTE Band 7 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.17	6.29	-	-	<b>PASS</b>
Middle CH	6.38	6.32	-	-	
Highest CH	6.20	6.38	-	-	



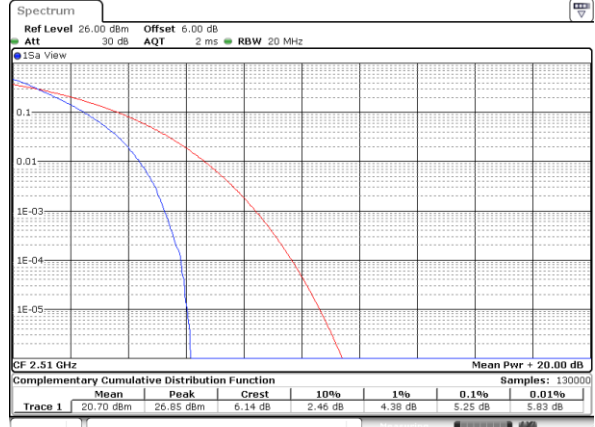
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



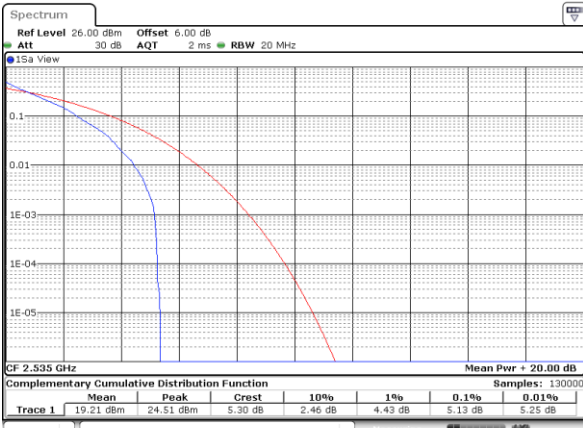
Date: 8 AUG 2020 15:03:39

Lowest Channel / Full RB



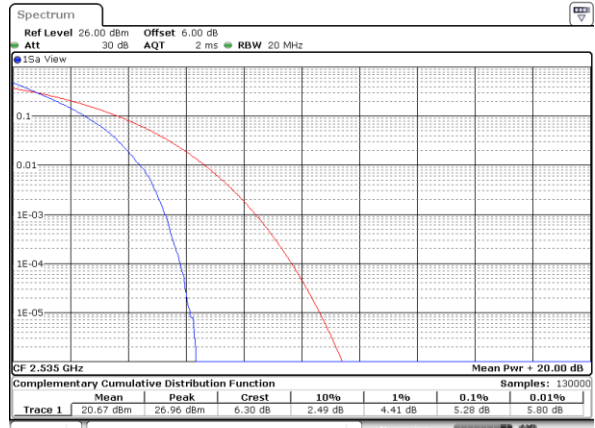
Date: 8 AUG 2020 15:03:50

Middle Channel / 1RB



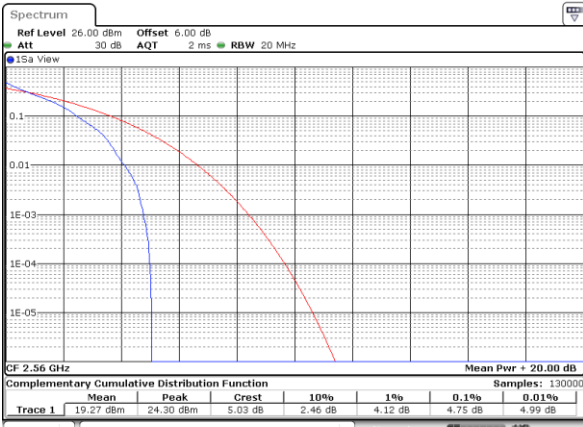
Date: 8 AUG 2020 15:04:00

Middle Channel / Full RB



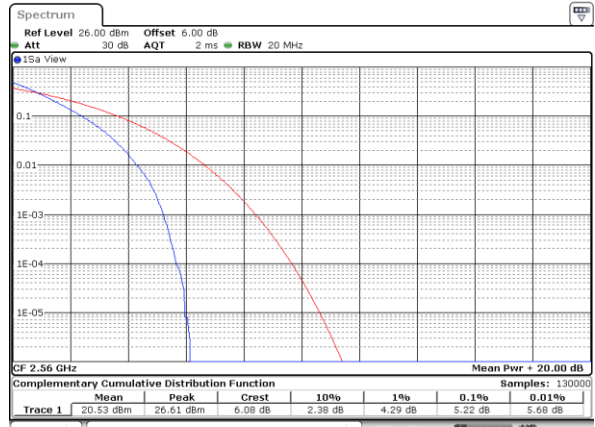
Date: 8 AUG 2020 15:04:13

Highest Channel / 1RB



Date: 8 AUG 2020 15:04:35

Highest Channel / Full RB

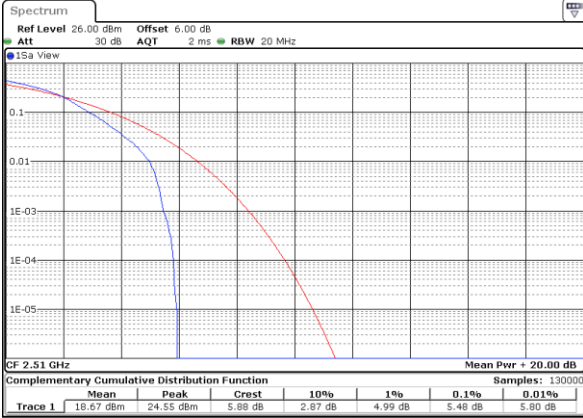


Date: 8 AUG 2020 15:04:46



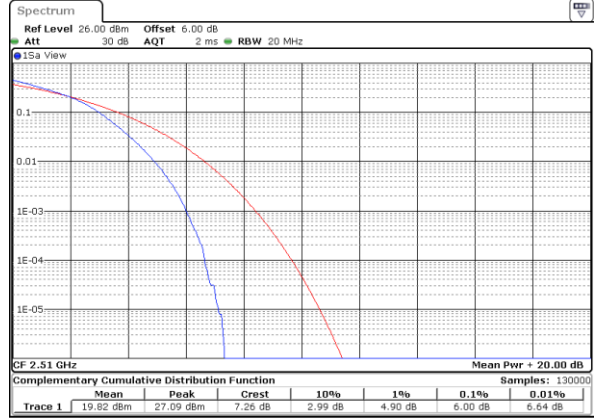
LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



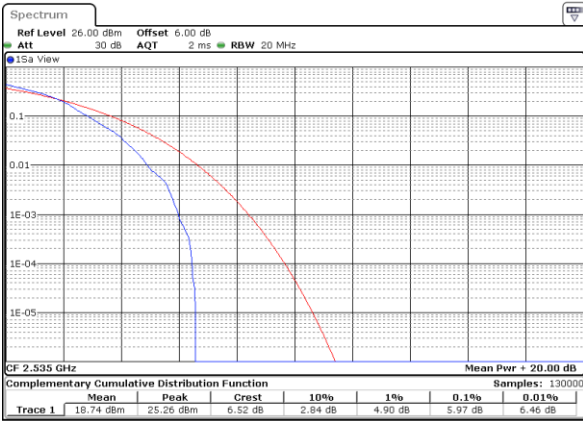
Date: 8 AUG 2020 15:02:33

Lowest Channel / Full RB



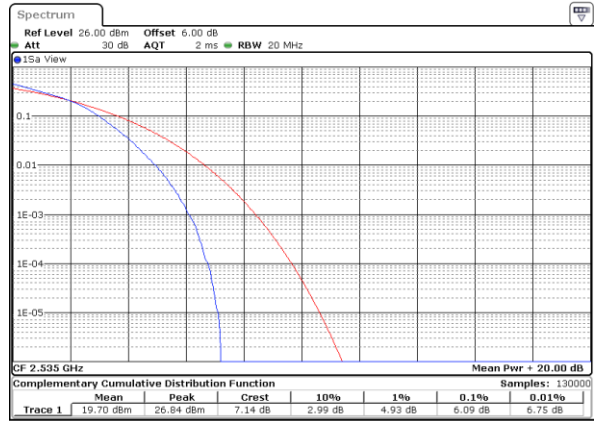
Date: 8 AUG 2020 15:02:44

Middle Channel / 1RB



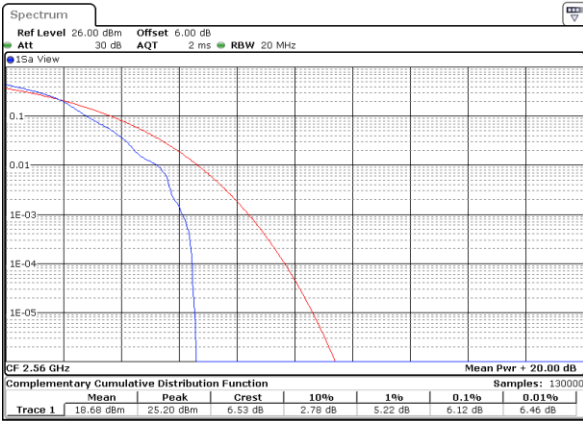
Date: 8 AUG 2020 15:02:55

Middle Channel / Full RB



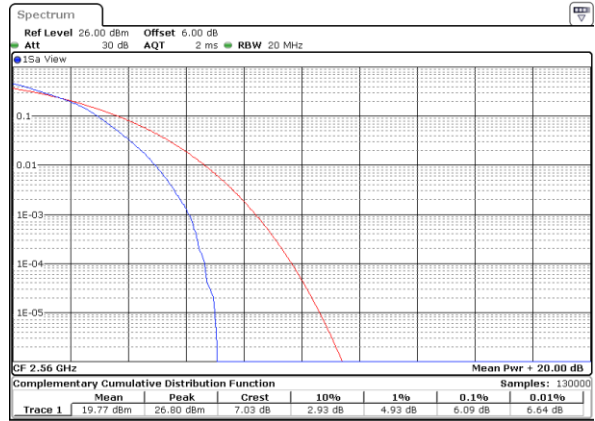
Date: 8 AUG 2020 15:03:06

Highest Channel / 1RB



Date: 8 AUG 2020 15:03:18

Highest Channel / Full RB



Date: 8 AUG 2020 15:03:28