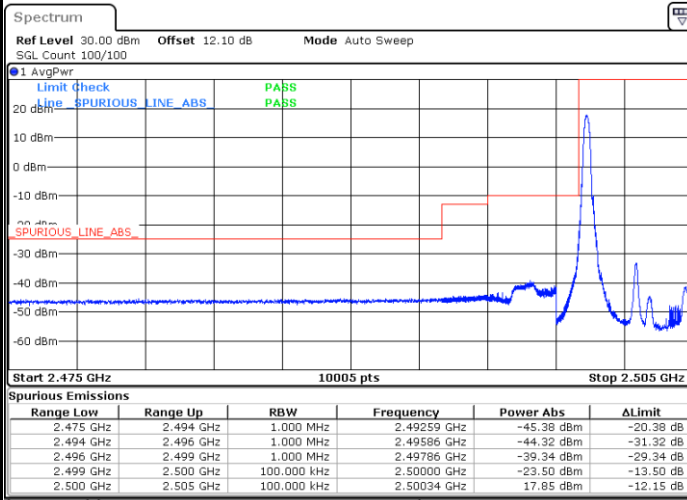




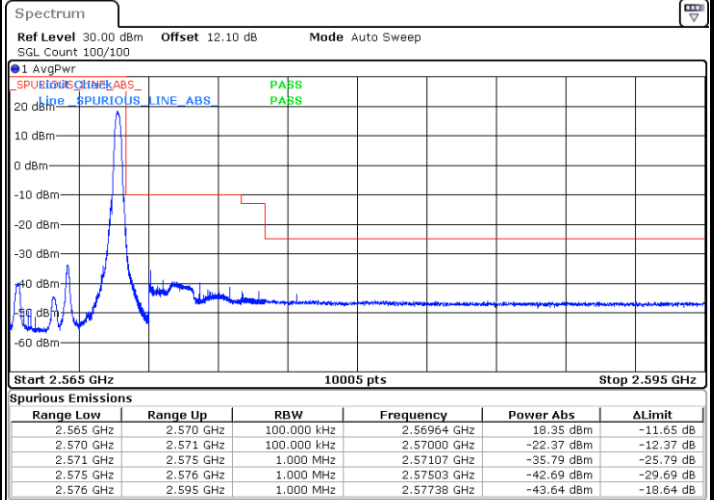
LTE Band 7 / 5MHz / 64QAM

Lowest Band Edge / 1RB



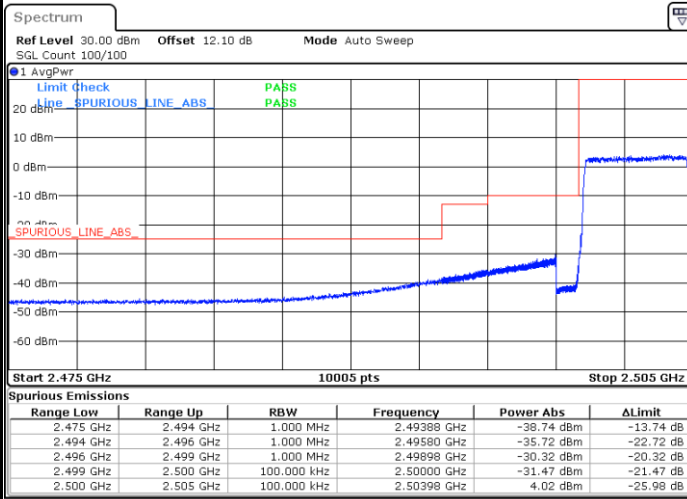
Date: 4.SEP.2020 21:29:45

Highest Band Edge / 1 RB



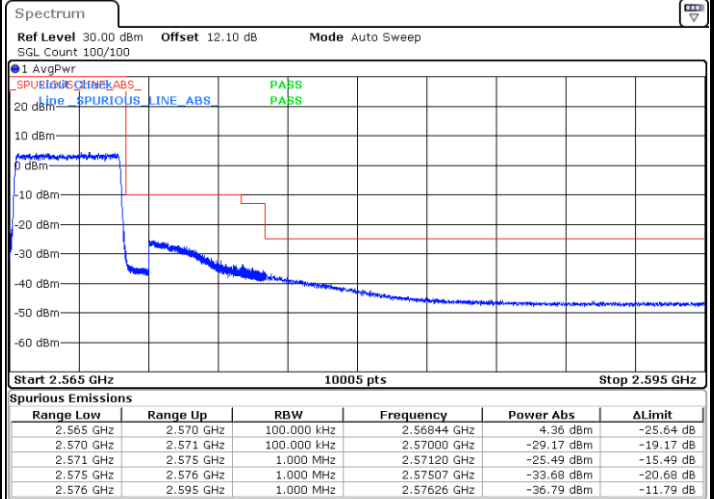
Date: 4.SEP.2020 21:33:29

Lowest Band Edge / Full RB



Date: 4.SEP.2020 21:30:25

Highest Band Edge / Full RB



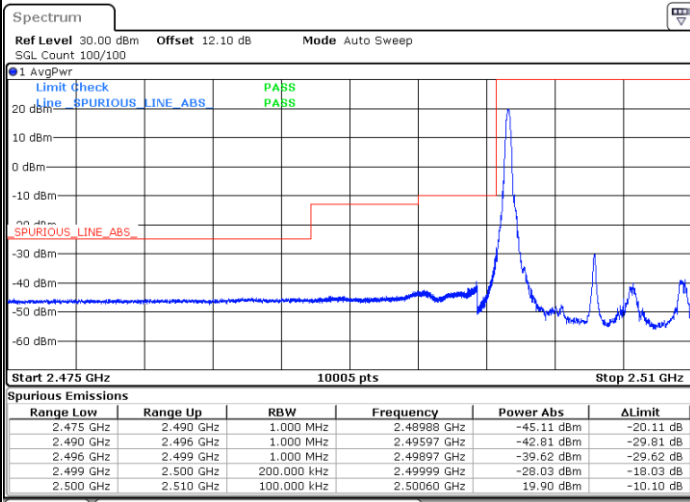
Date: 4.SEP.2020 21:34:10



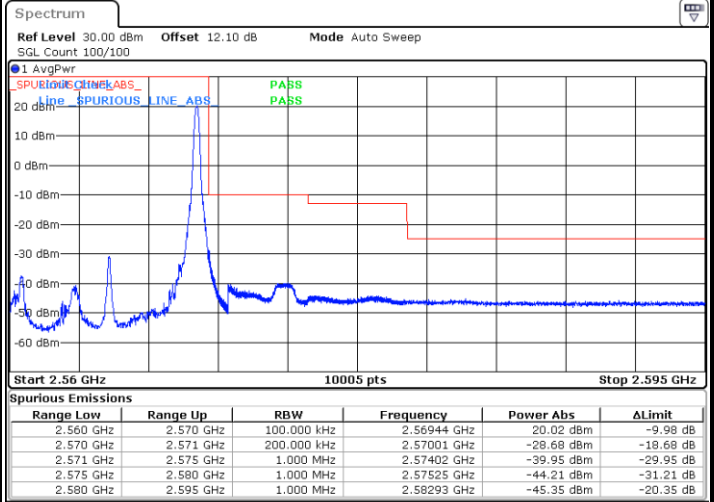
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



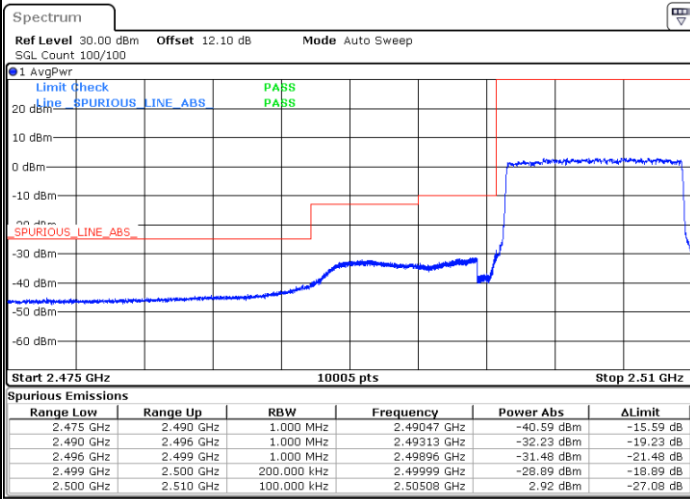
Date: 18.AUG.2020 06:08:02



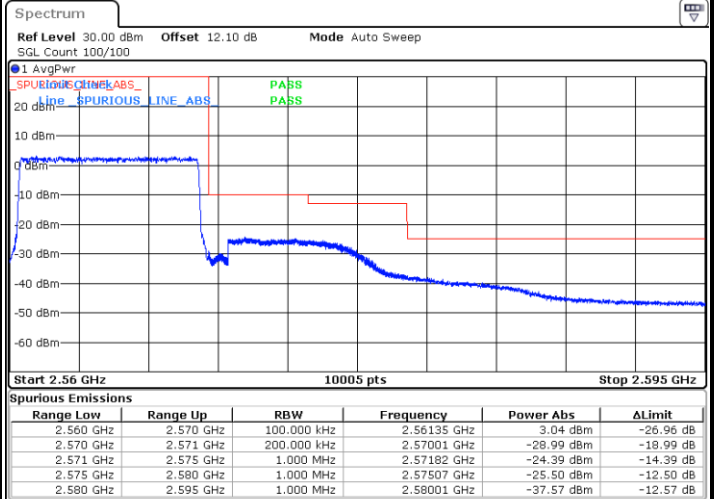
Date: 18.AUG.2020 06:15:33

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.AUG.2020 06:09:23

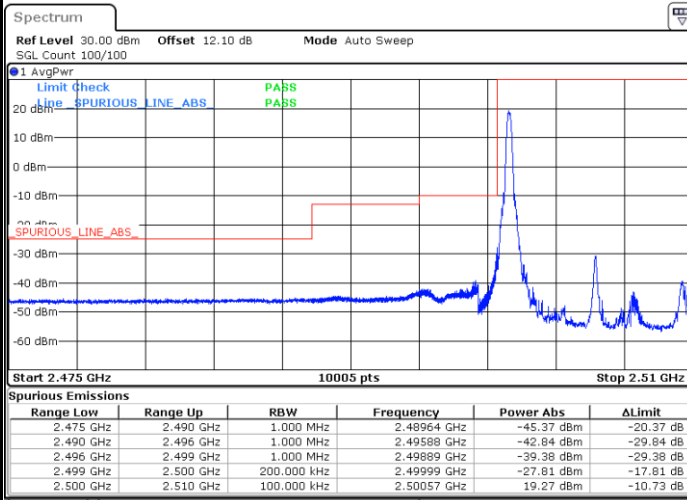


Date: 18.AUG.2020 06:16:54



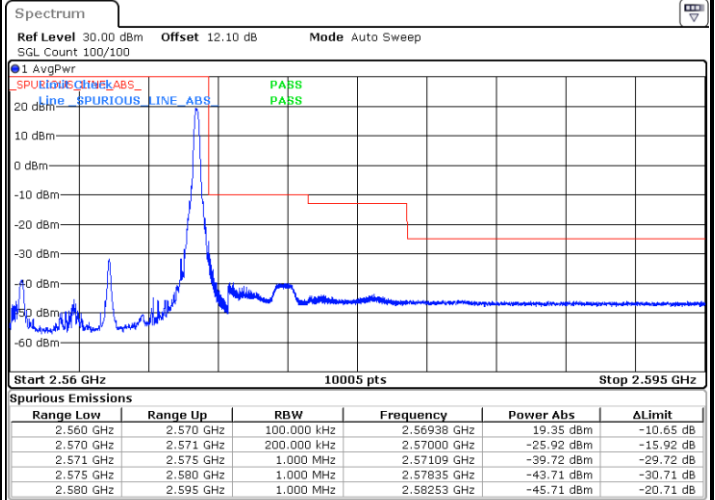
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



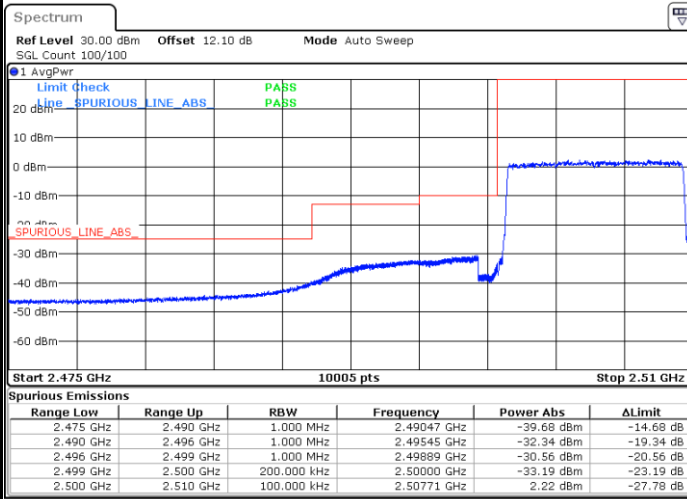
Date: 18.AUG.2020 06:08:43

Highest Band Edge / 1 RB



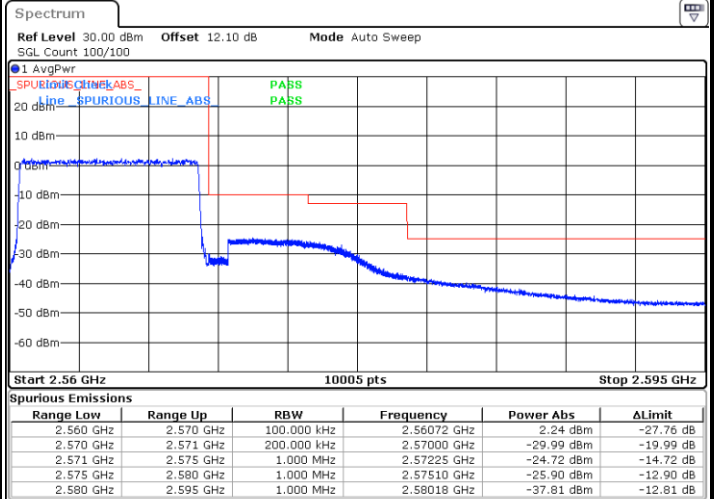
Date: 18.AUG.2020 06:16:13

Lowest Band Edge / Full RB



Date: 18.AUG.2020 06:10:03

Highest Band Edge / Full RB

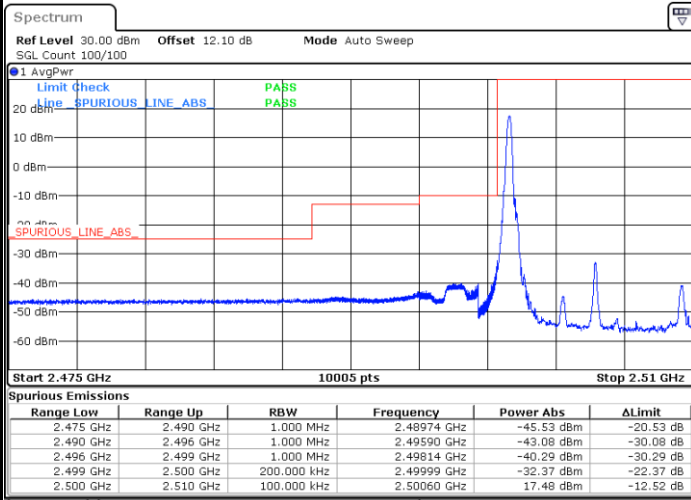


Date: 18.AUG.2020 06:17:34



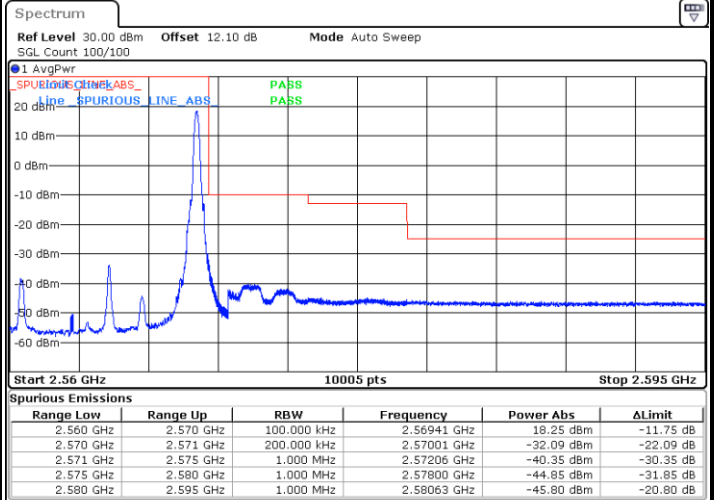
LTE Band 7 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



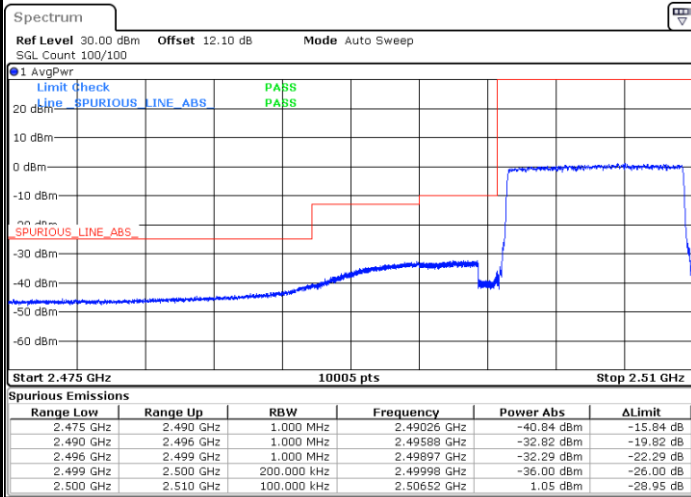
Date: 4.SEP.2020 21:36:03

Highest Band Edge / 1 RB



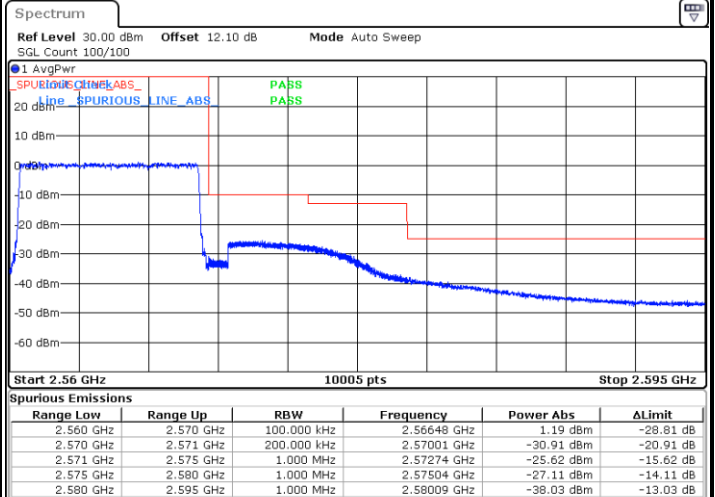
Date: 4.SEP.2020 21:39:47

Lowest Band Edge / Full RB



Date: 4.SEP.2020 21:36:43

Highest Band Edge / Full RB

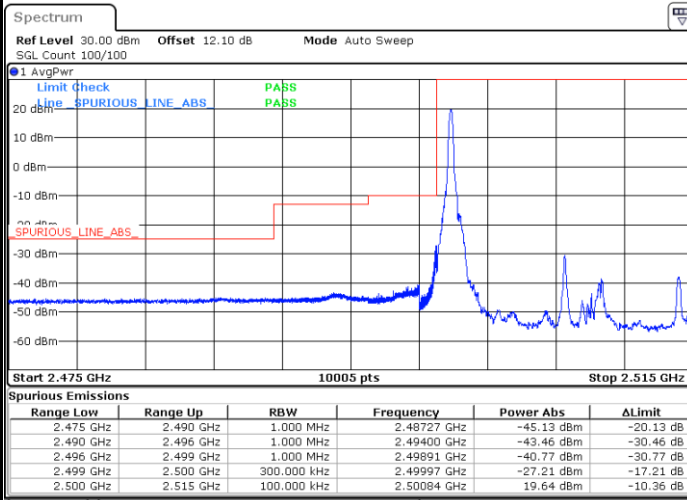


Date: 4.SEP.2020 21:40:28



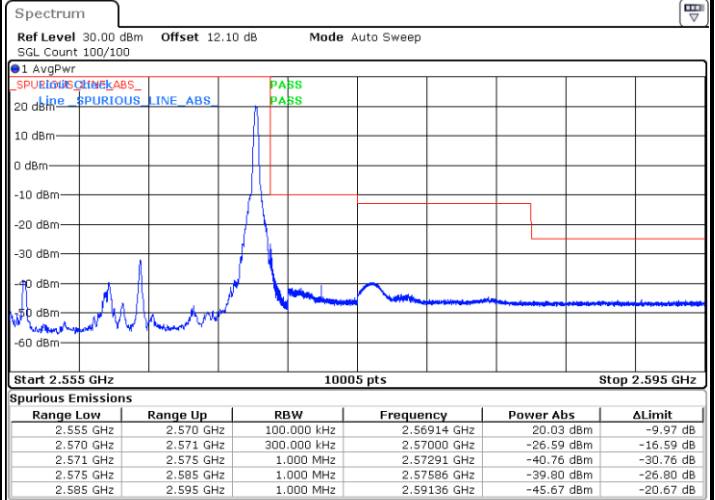
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



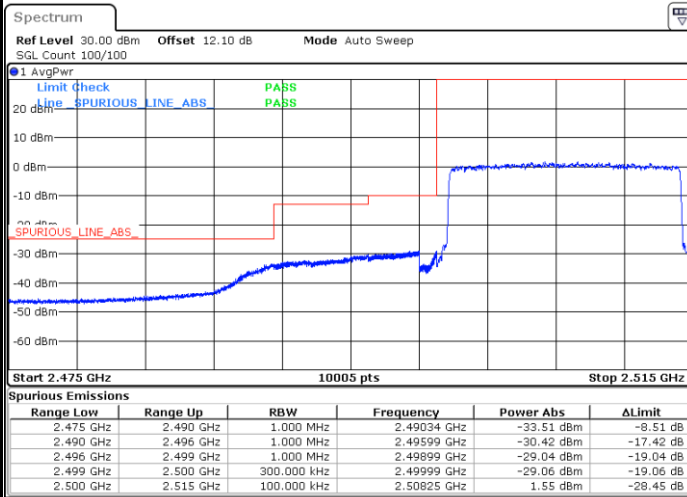
Date: 18.AUG.2020 06:20:42

Highest Band Edge / 1 RB



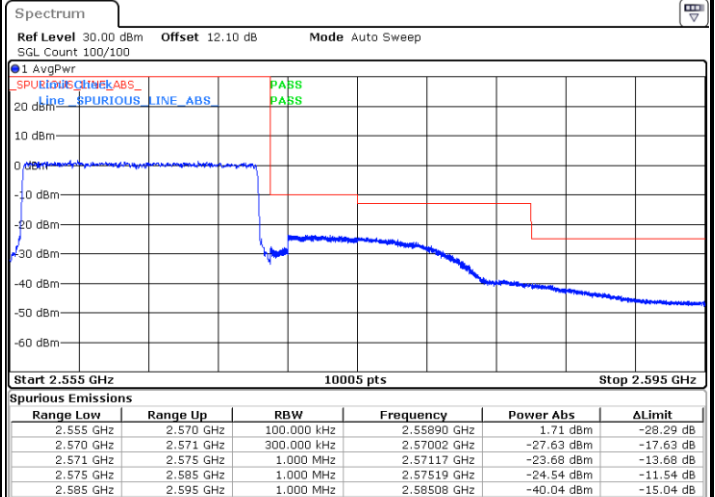
Date: 18.AUG.2020 06:28:14

Lowest Band Edge / Full RB



Date: 18.AUG.2020 06:22:03

Highest Band Edge / Full RB

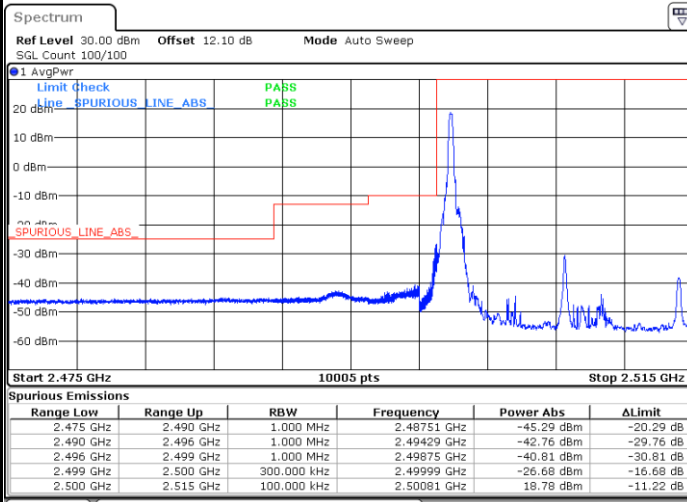


Date: 18.AUG.2020 06:29:35



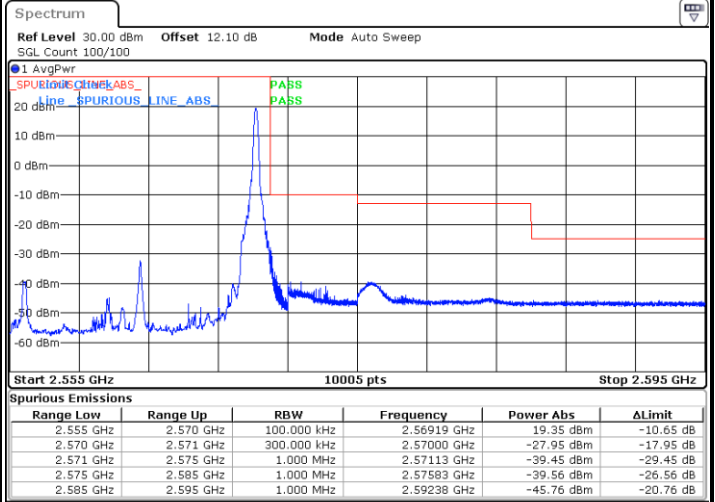
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



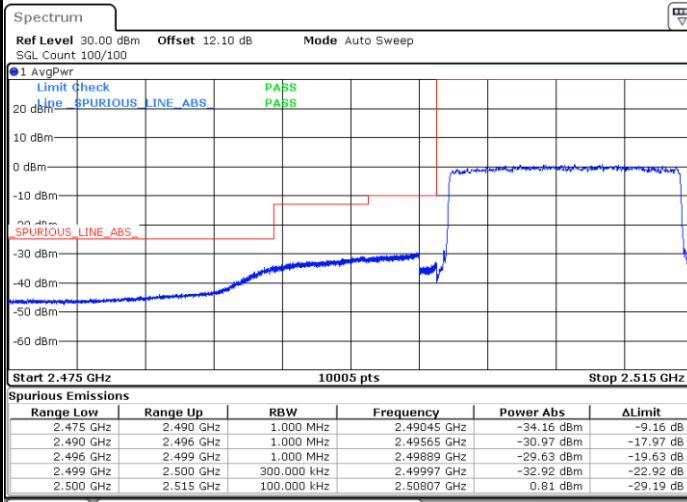
Date: 18.AUG.2020 06:21:22

Highest Band Edge / 1 RB



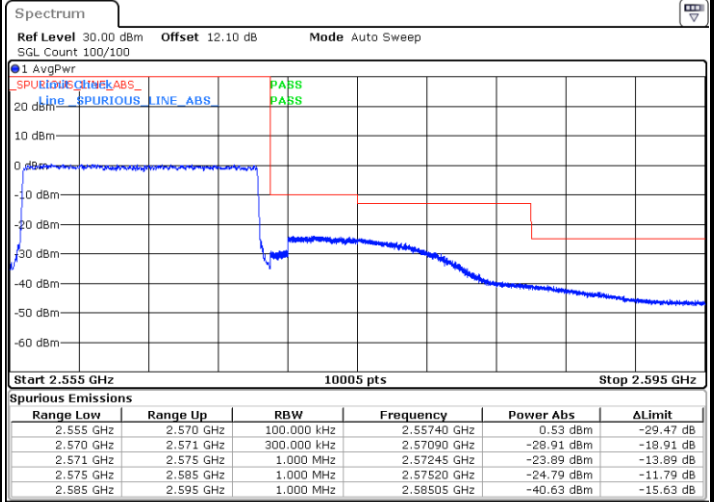
Date: 18.AUG.2020 06:28:55

Lowest Band Edge / Full RB



Date: 18.AUG.2020 06:22:44

Highest Band Edge / Full RB

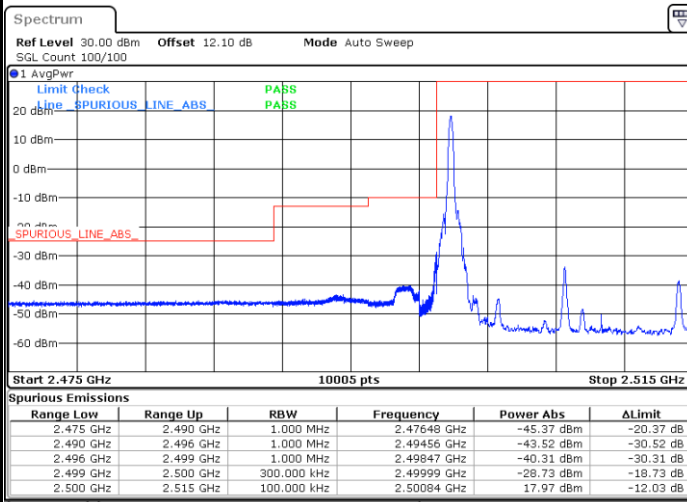


Date: 18.AUG.2020 06:30:16



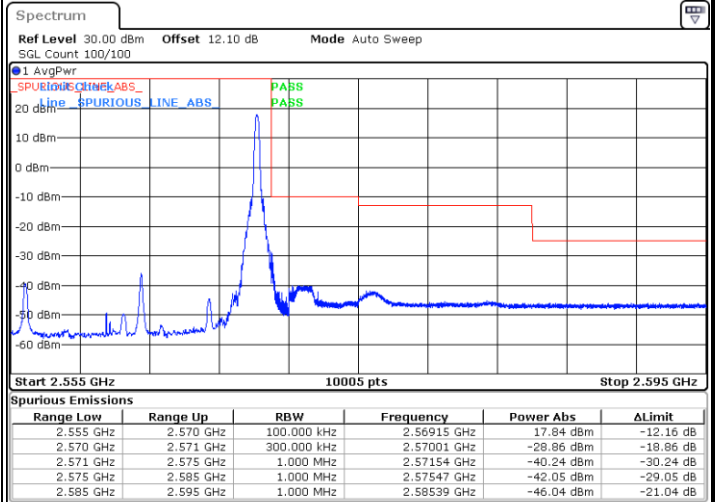
LTE Band 7 / 15MHz / 64QAM

Lowest Band Edge / 1 RB



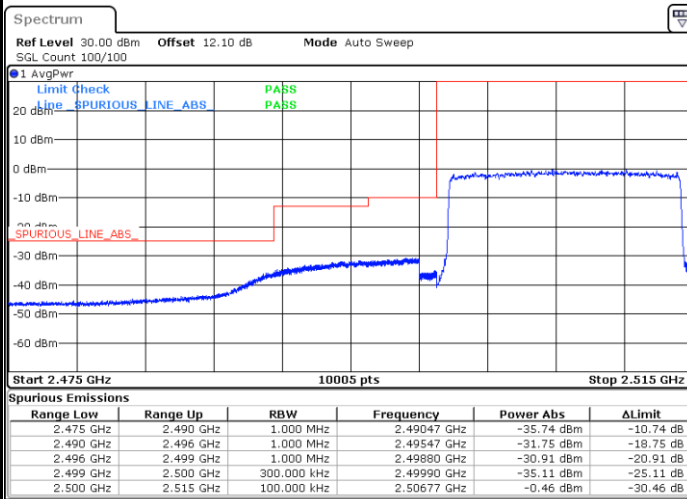
Date: 4.SEP.2020 21:42:22

Highest Band Edge / 1 RB



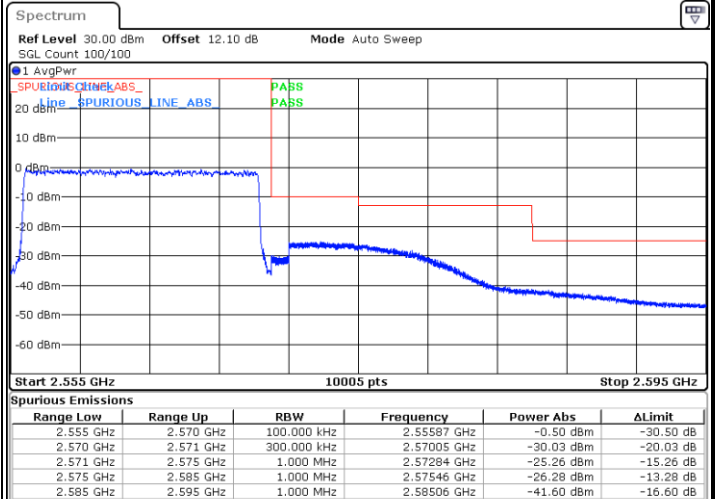
Date: 4.SEP.2020 21:46:06

Lowest Band Edge / Full RB



Date: 4.SEP.2020 21:43:02

Highest Band Edge / Full RB



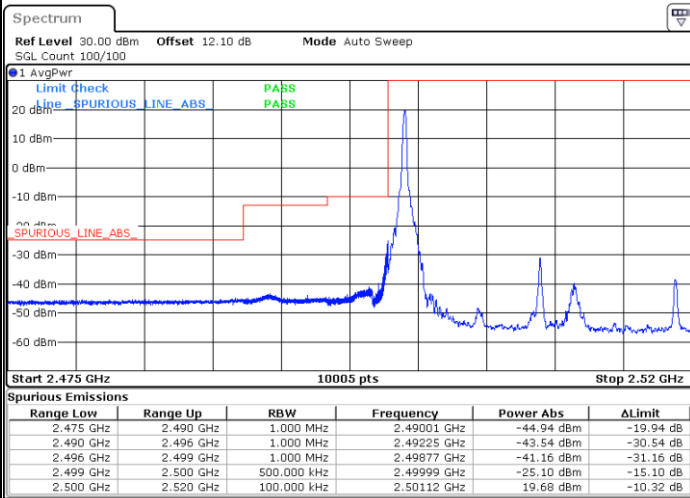
Date: 4.SEP.2020 21:46:47



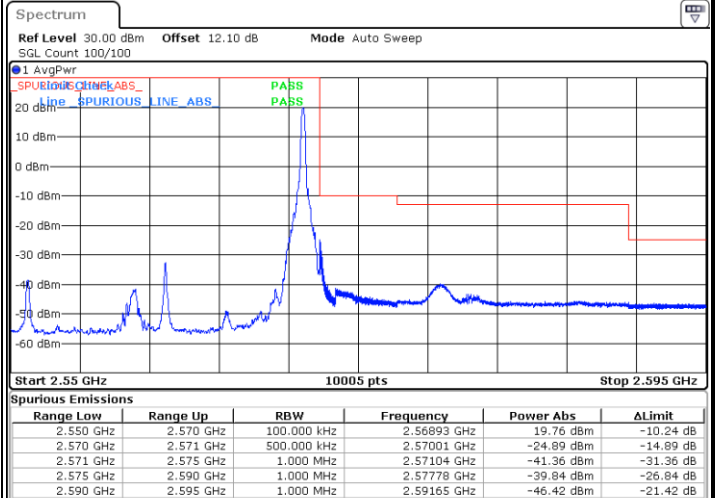
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



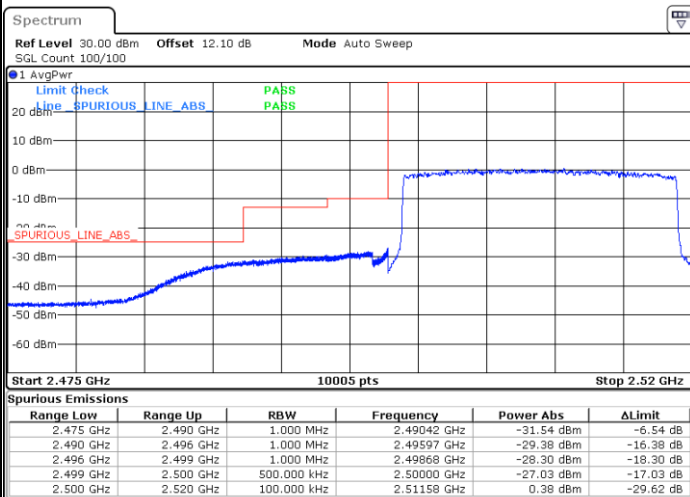
Date: 18.AUG.2020 06:33:23



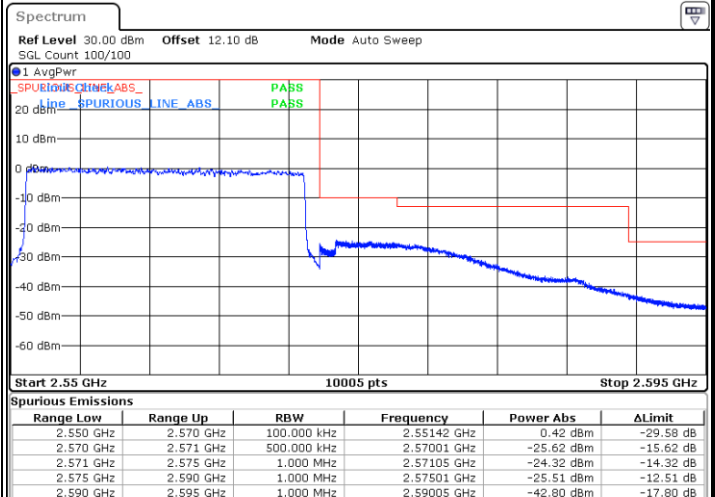
Date: 18.AUG.2020 06:40:56

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 18.AUG.2020 06:34:45



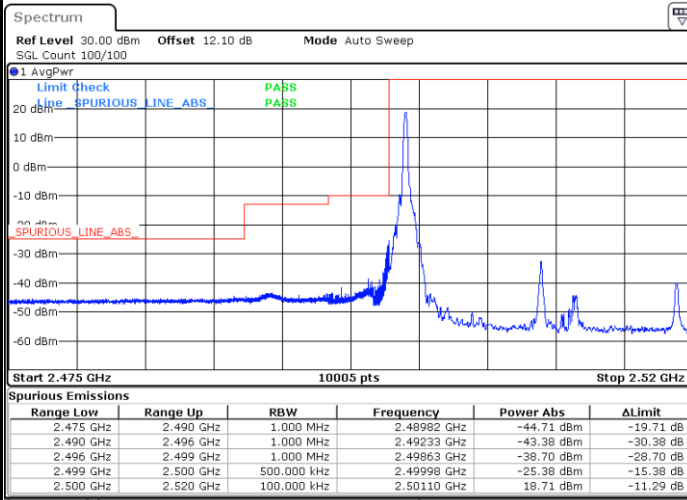
Date: 18.AUG.2020 06:42:57





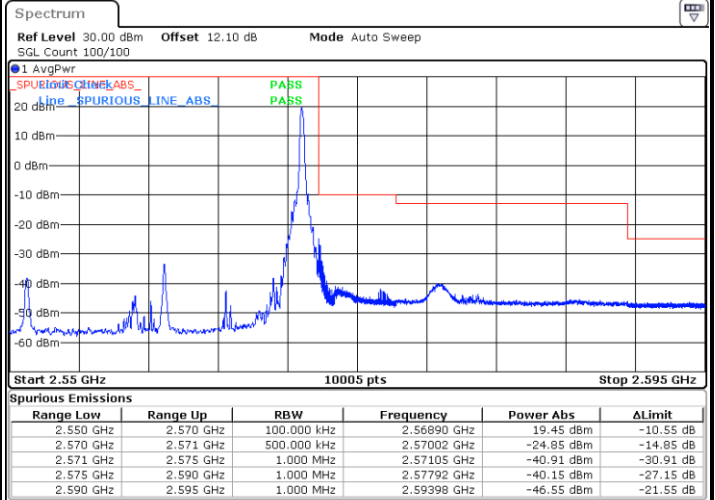
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1RB



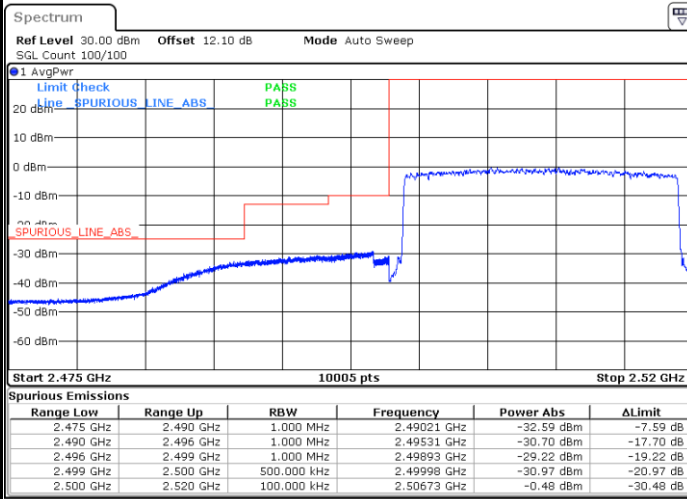
Date: 18.AUG.2020 06:34:04

Highest Band Edge / 1RB



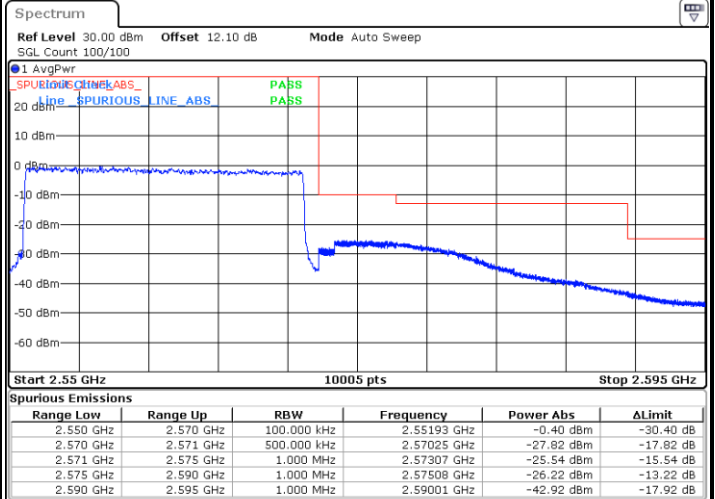
Date: 18.AUG.2020 06:41:37

Lowest Band Edge / Full RB



Date: 18.AUG.2020 06:35:25

Highest Band Edge / Full RB

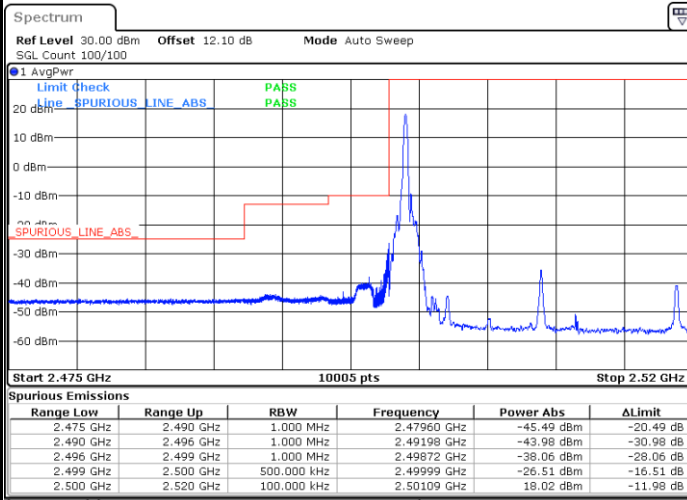


Date: 18.AUG.2020 06:42:17



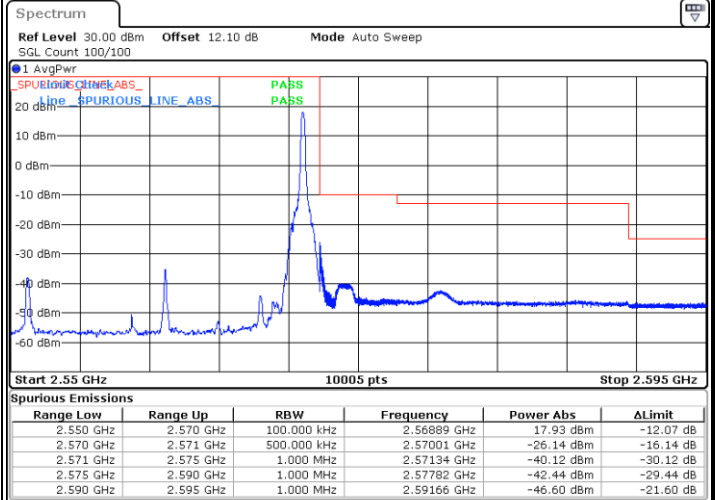
LTE Band 7 / 20MHz / 64QAM

Lowest Band Edge / 1 RB



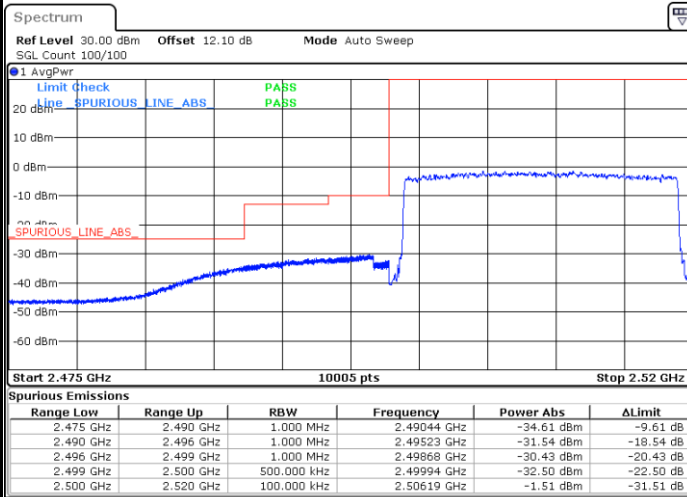
Date: 4.SEP.2020 21:48:41

Highest Band Edge / 1 RB



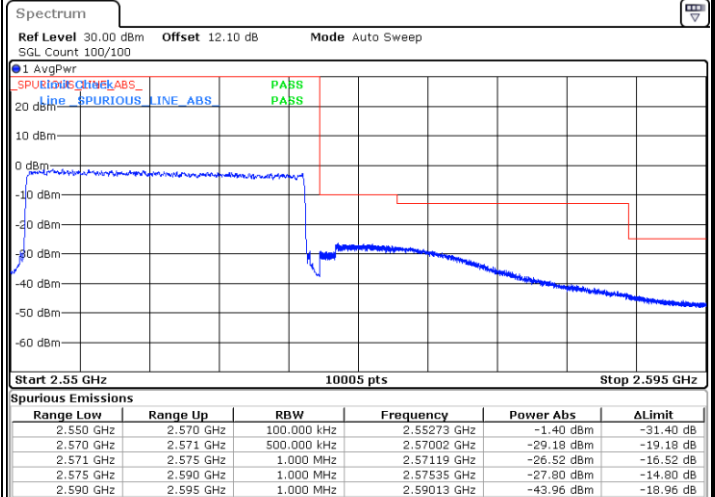
Date: 4.SEP.2020 21:52:25

Lowest Band Edge / Full RB



Date: 4.SEP.2020 21:49:21

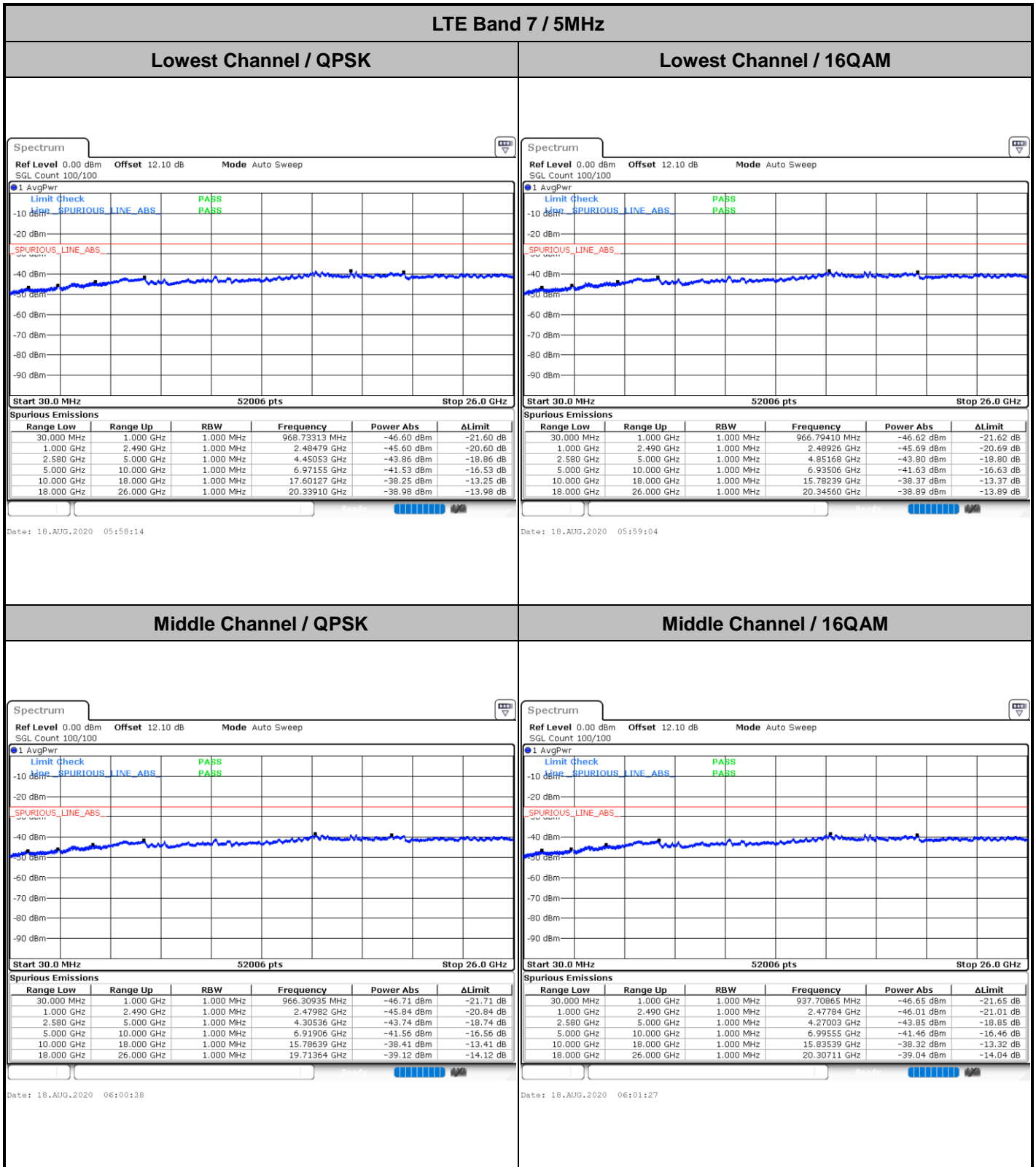
Highest Band Edge / Full RB



Date: 4.SEP.2020 21:53:06



# Conducted Spurious Emission

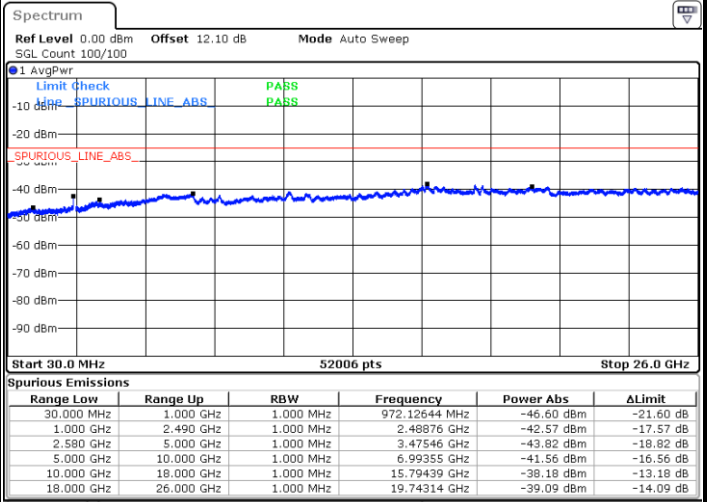
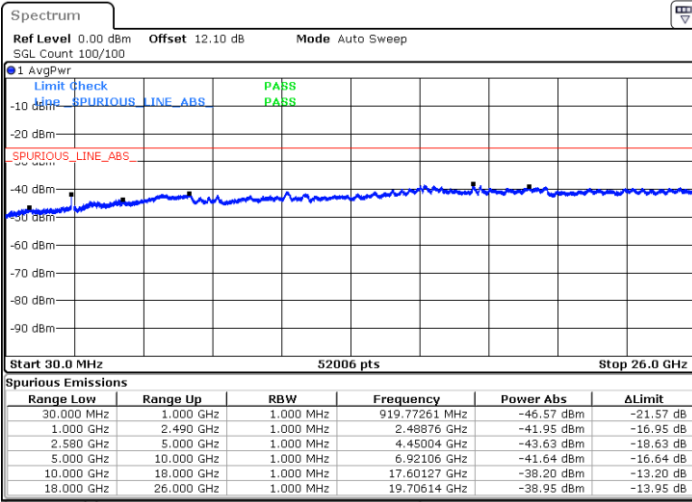




LTE Band 7 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



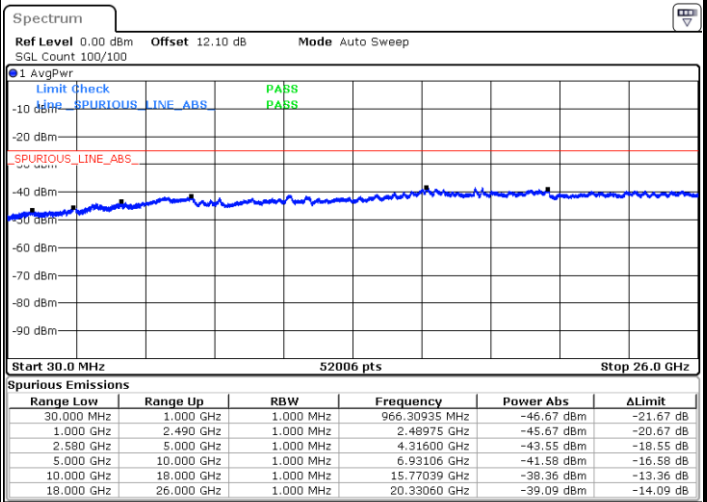
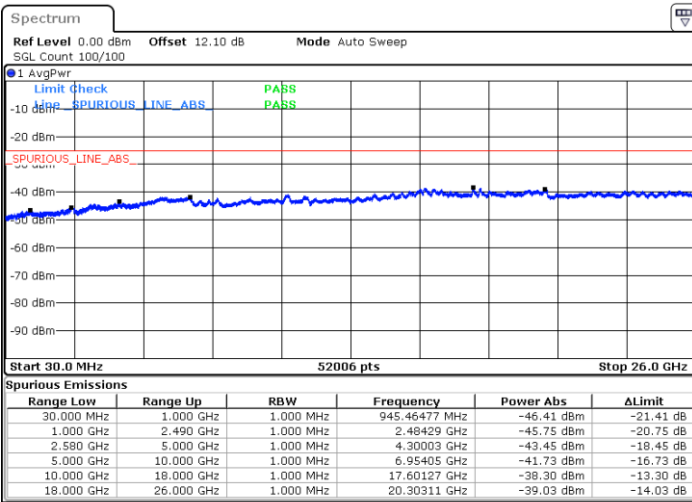
Date: 18.AUG.2020 06:05:45

Date: 18.AUG.2020 06:06:34

LTE Band 7 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18.AUG.2020 06:10:53

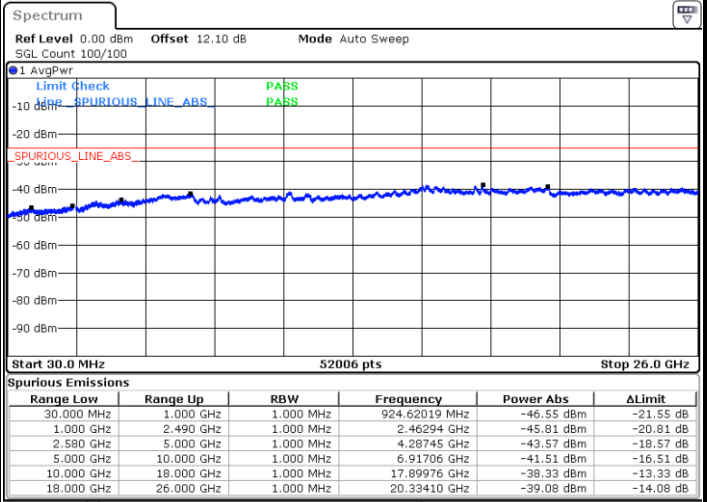
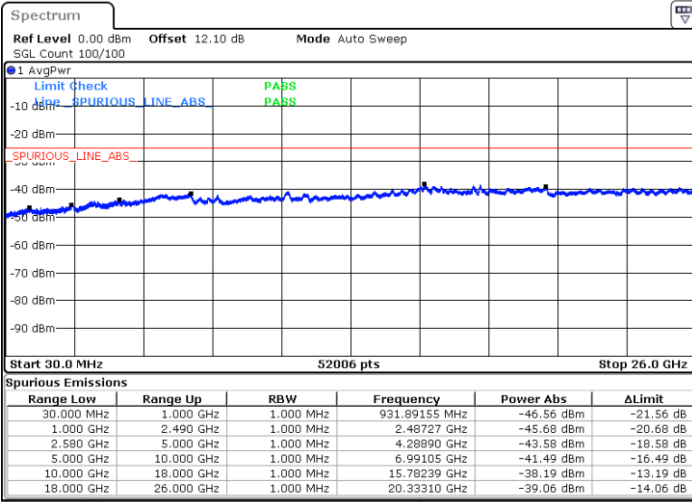
Date: 18.AUG.2020 06:11:42



LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

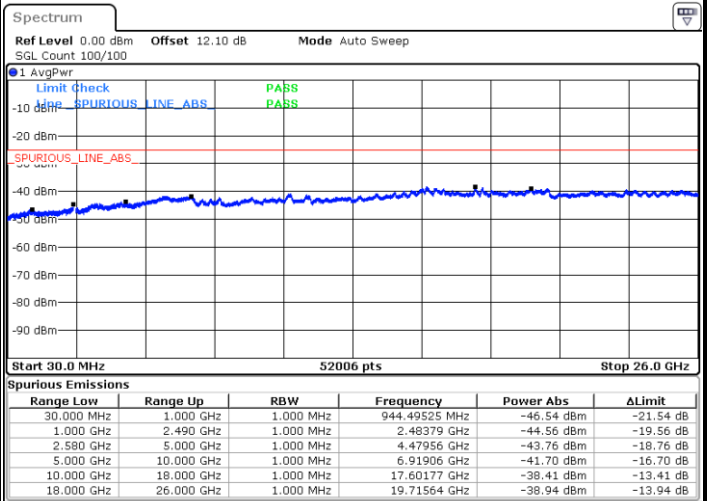
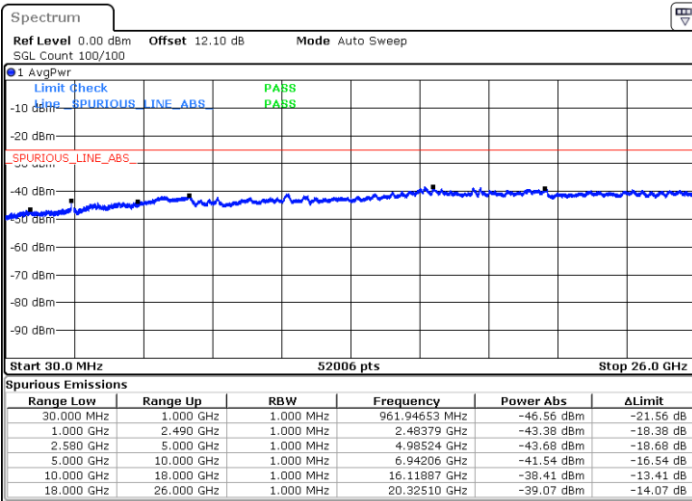


Date: 18.AUG.2020 06:13:17

Date: 18.AUG.2020 06:14:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.AUG.2020 06:18:24

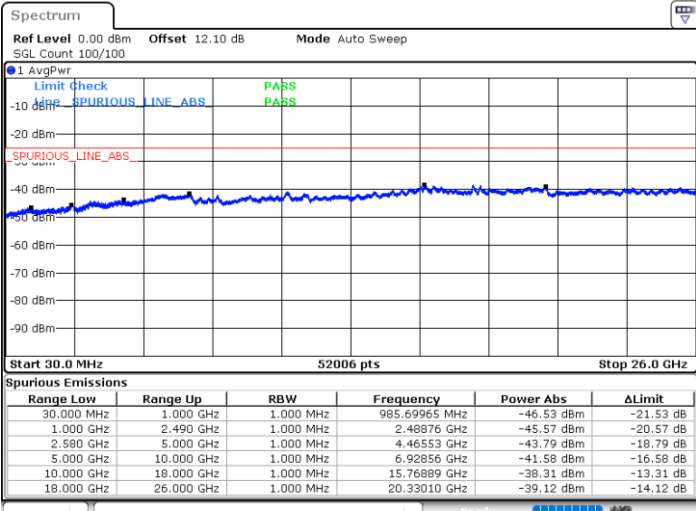
Date: 18.AUG.2020 06:19:13



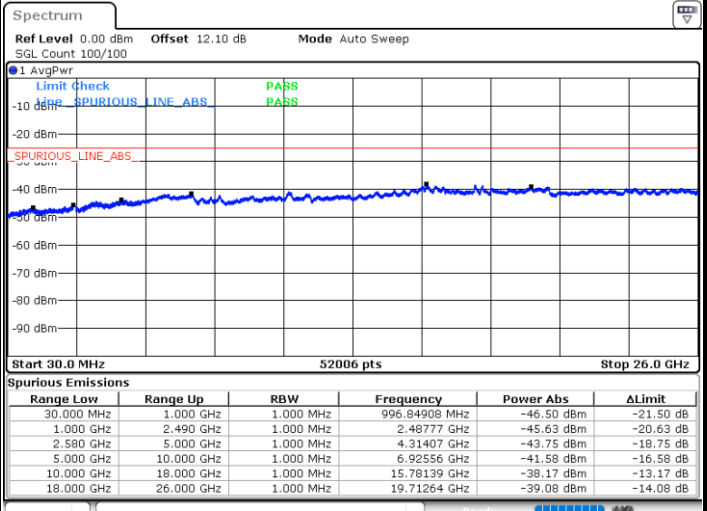
LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



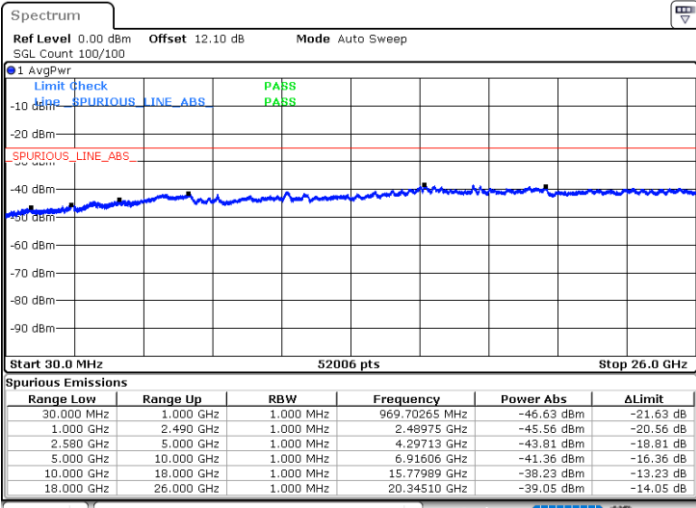
Date: 18.AUG.2020 06:23:33



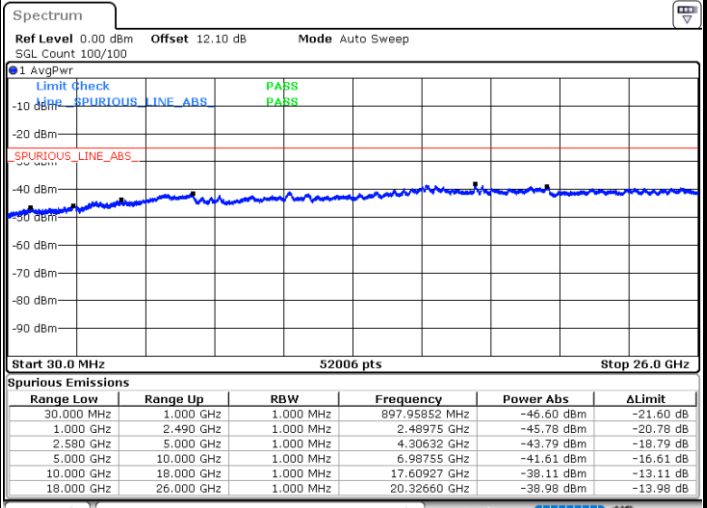
Date: 18.AUG.2020 06:24:23

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 18.AUG.2020 06:25:58



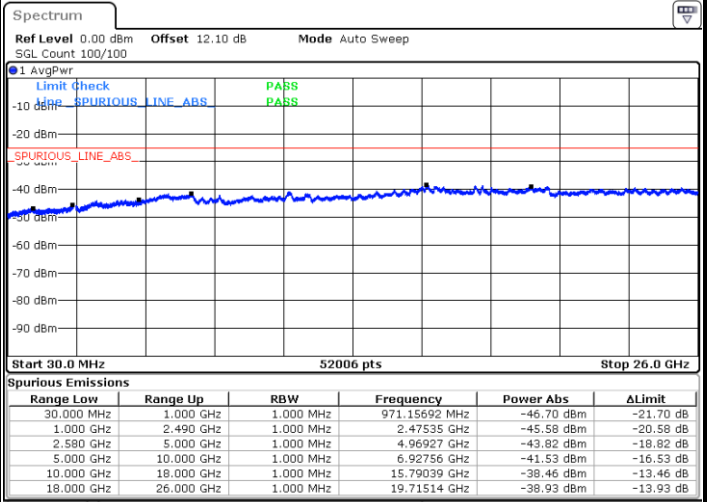
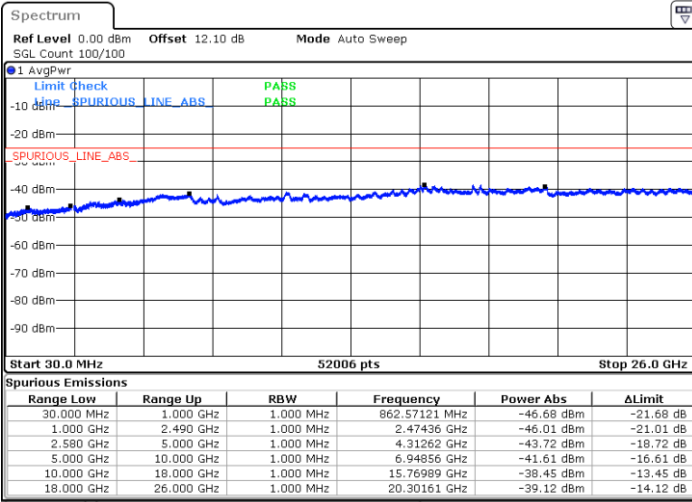
Date: 18.AUG.2020 06:26:47



LTE Band7 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



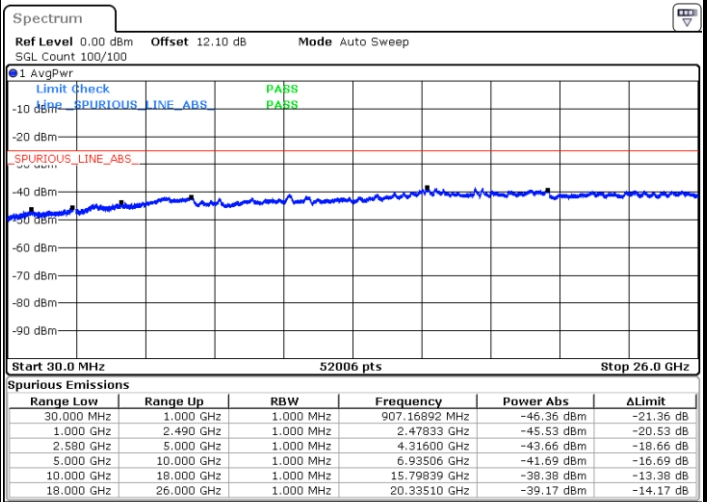
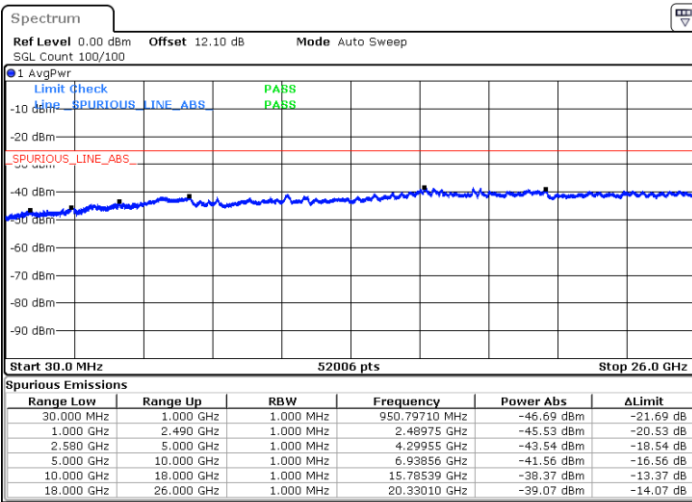
Date: 18.AUG.2020 06:31:05

Date: 18.AUG.2020 06:31:55

LTE Band 7 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 18.AUG.2020 06:36:15

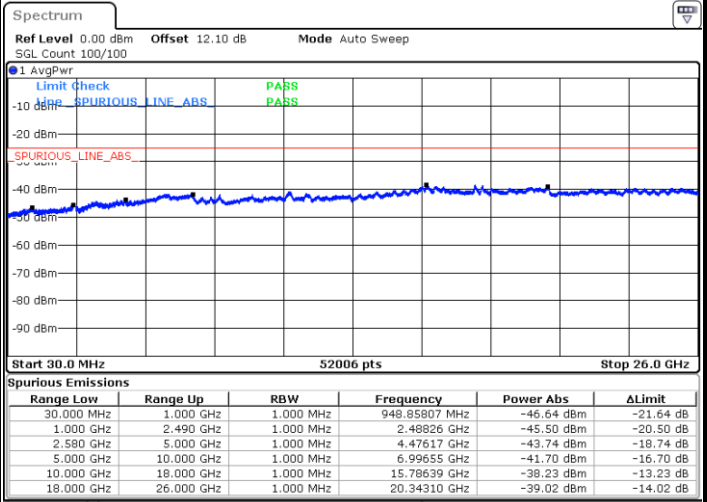
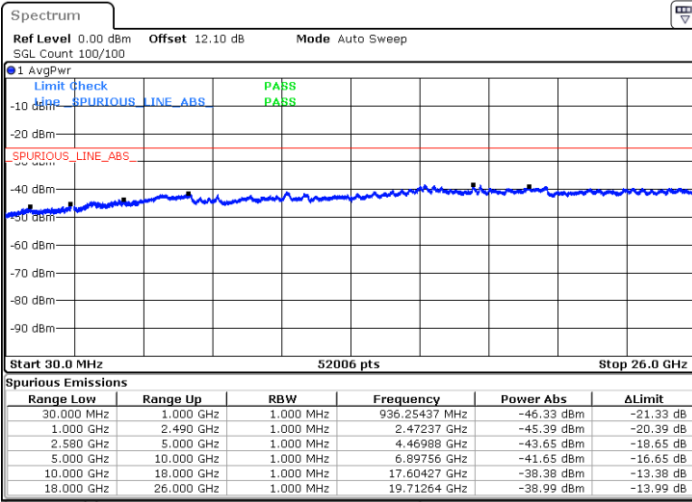
Date: 18.AUG.2020 06:37:05



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

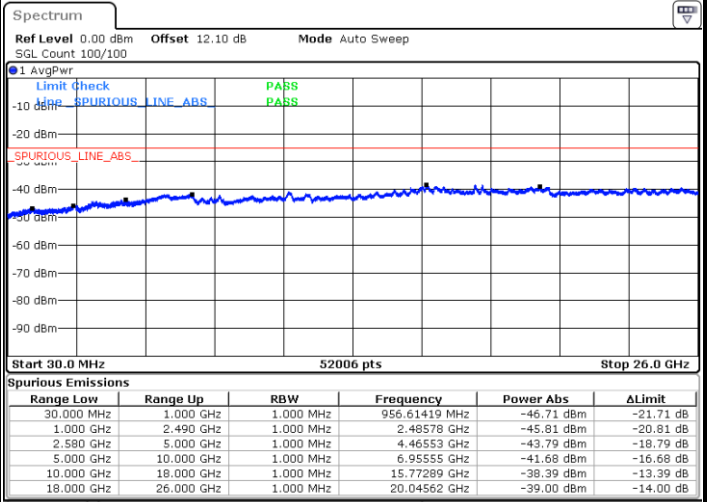
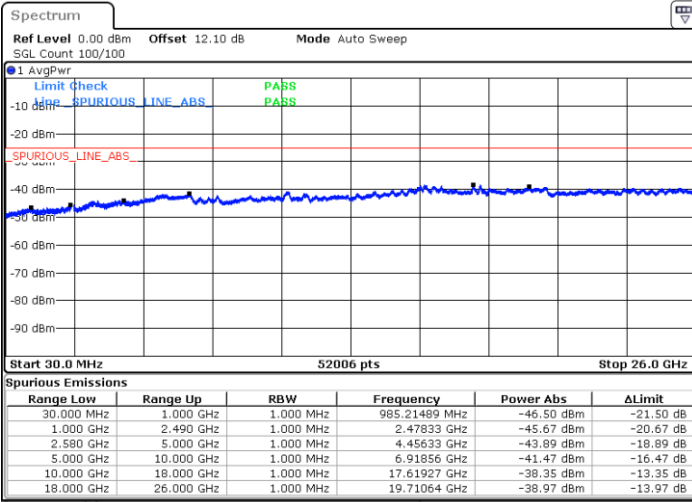


Date: 18.AUG.2020 06:38:40

Date: 18.AUG.2020 06:39:29

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 18.AUG.2020 06:43:48

Date: 18.AUG.2020 06:44:37

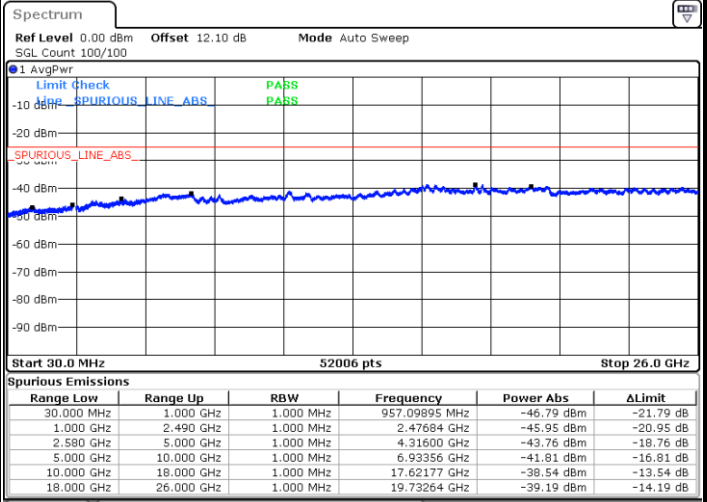
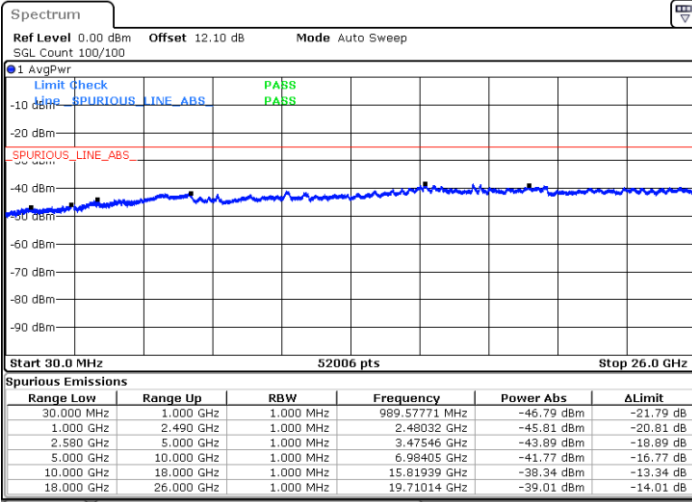




LTE Band 7 / 5MHz

Lowest Channel / 64QAM

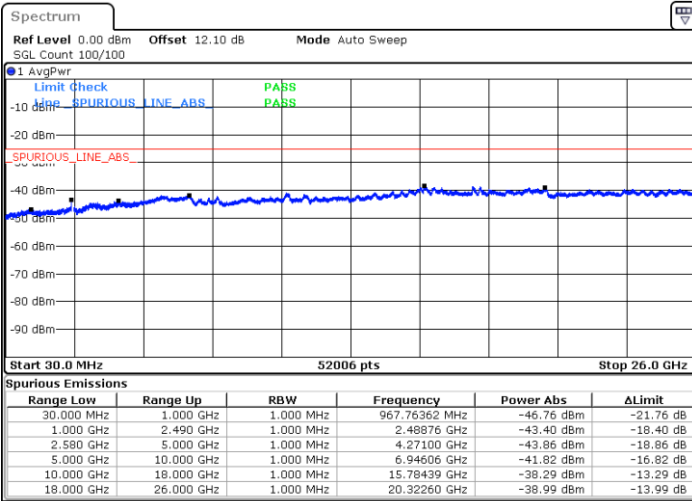
Middle Channel / 64QAM



Date: 4.SEP.2020 22:33:49

Date: 4.SEP.2020 22:34:39

Highest Channel / 64QAM



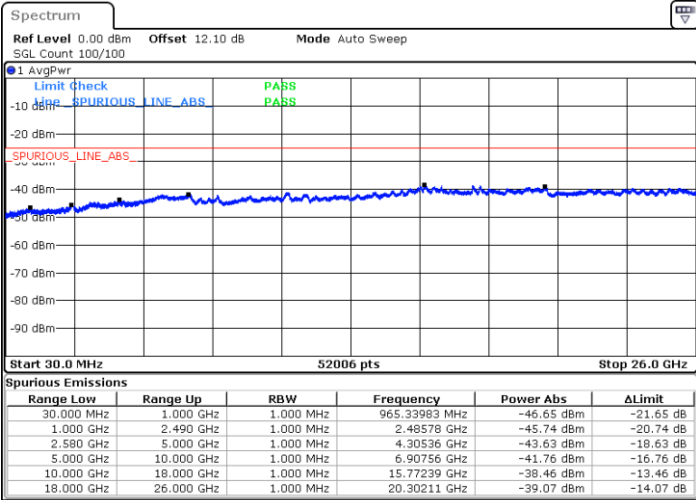
Date: 4.SEP.2020 22:35:28



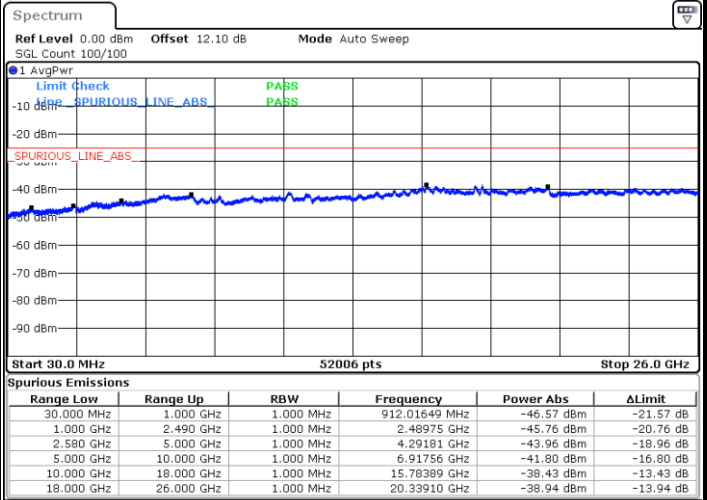
LTE Band 7 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

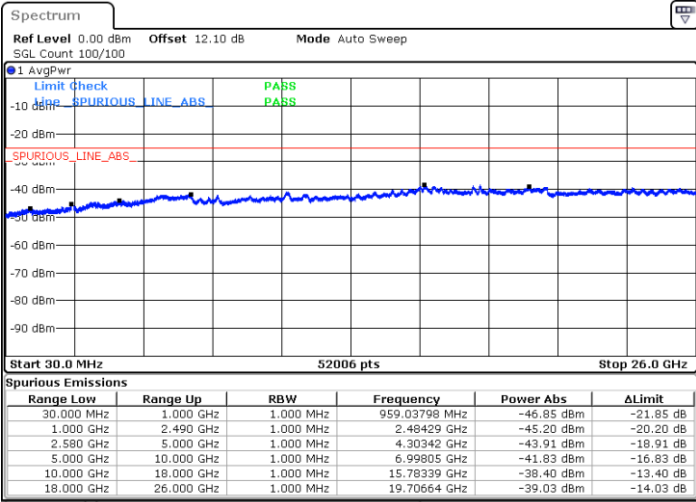


Date: 4.SEP.2020 22:36:18



Date: 4.SEP.2020 22:37:07

Highest Channel / 64QAM



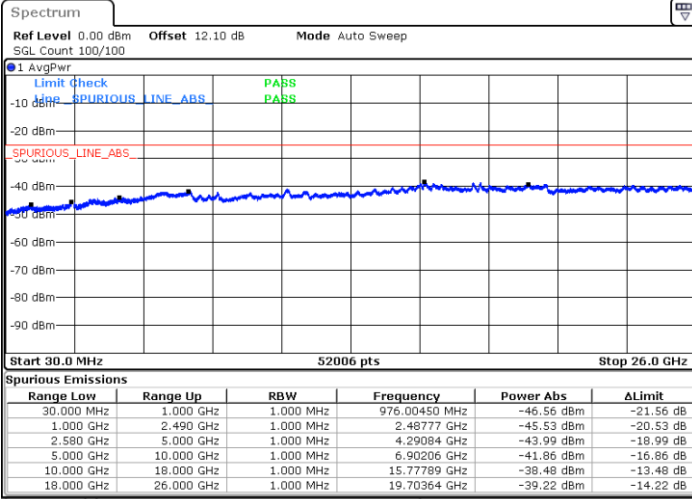
Date: 4.SEP.2020 22:37:57



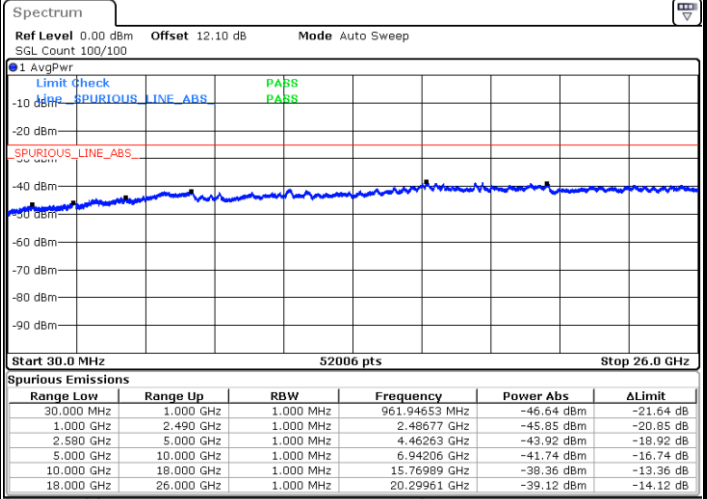
LTE Band 7 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

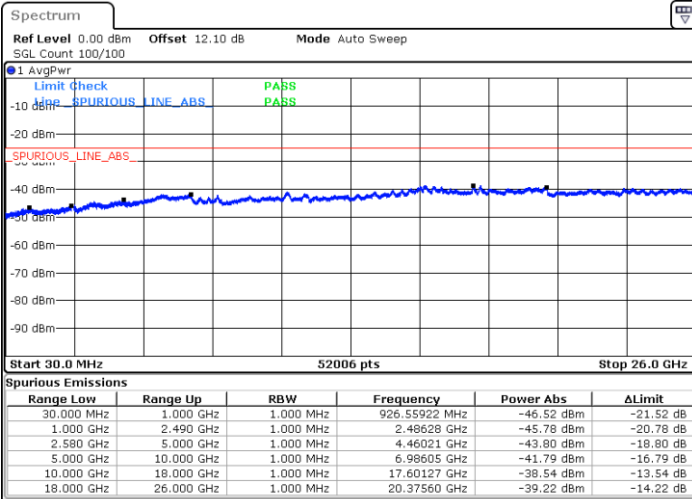


Date: 4.SEP.2020 22:42:51



Date: 4.SEP.2020 22:43:46

Highest Channel / 64QAM



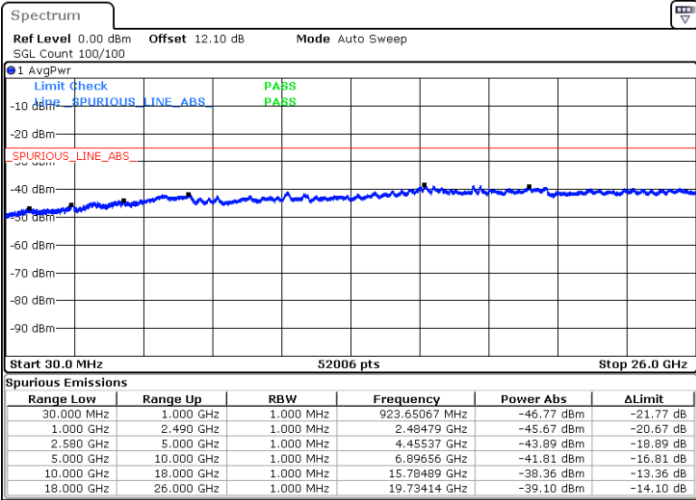
Date: 4.SEP.2020 22:44:40



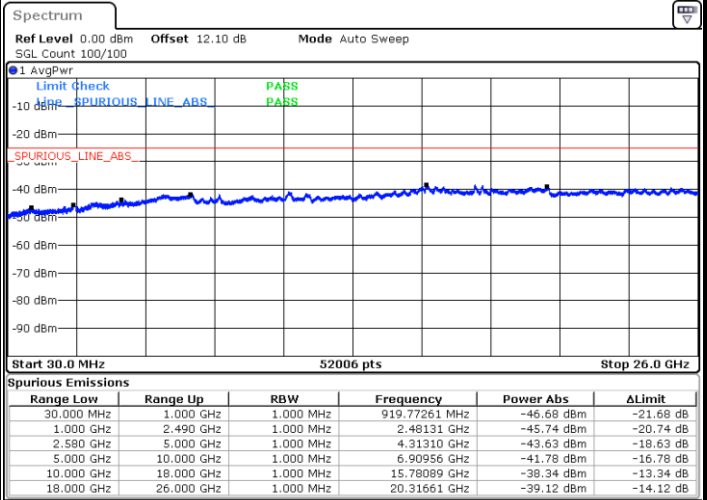
LTE Band 7 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

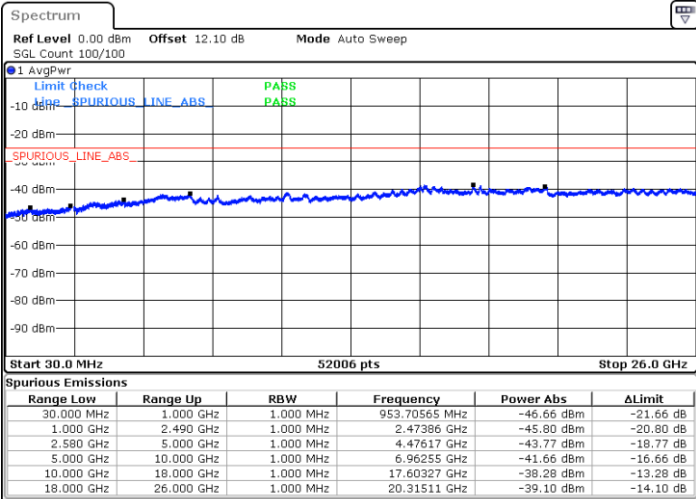


Date: 4.SEP.2020 22:45:35



Date: 4.SEP.2020 22:46:29

Highest Channel / 64QAM



Date: 4.SEP.2020 22:47:23



Frequency Stability

Test Conditions		LTE Band 7 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0011	PASS
40	Normal Voltage	0.0043	
30	Normal Voltage	0.0049	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0038	
0	Normal Voltage	0.0015	
-10	Normal Voltage	0.0033	
-20	Normal Voltage	0.0002	
-30	Normal Voltage	0.0041	
20	Maximum Voltage	0.0044	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0050	

Note:

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



# LTE Band 17

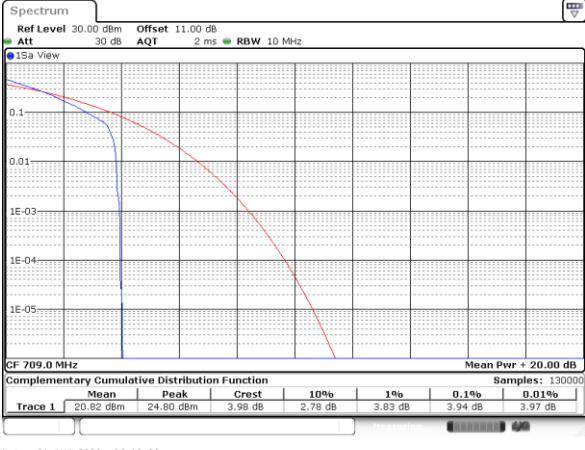
## Peak-to-Average Ratio

Mode	LTE Band 17 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.94	4.81	5.57	6.20	<b>PASS</b>
Middle CH	3.80	4.78	5.57	6.14	
Highest CH	3.83	4.75	5.33	6.17	
Mode	LTE Band 17 / 10MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.93	6.81	-	-	<b>PASS</b>
Middle CH	6.84	6.75	-	-	
Highest CH	6.52	6.78	-	-	



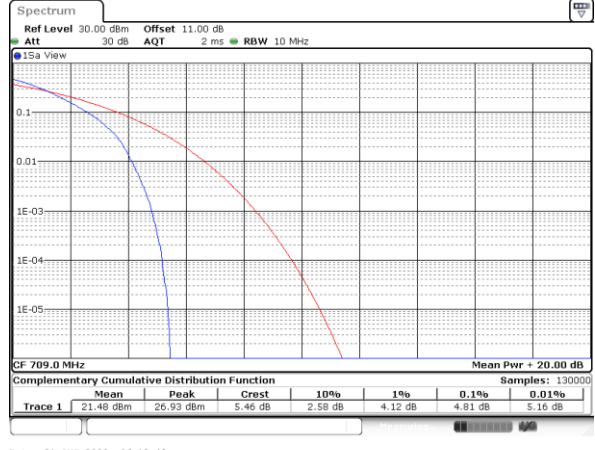
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



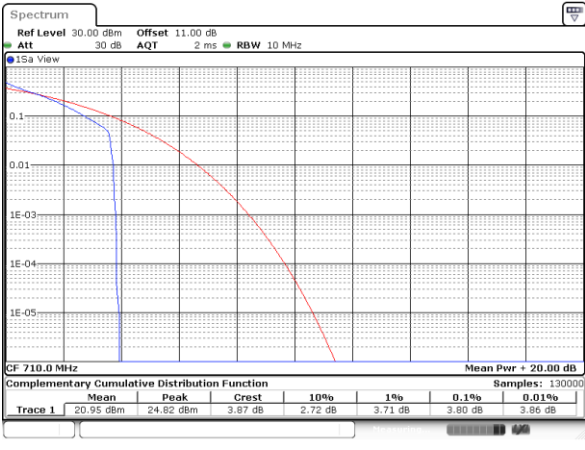
Date: 21.AUG.2020 06:13:39

Lowest Channel / Full RB



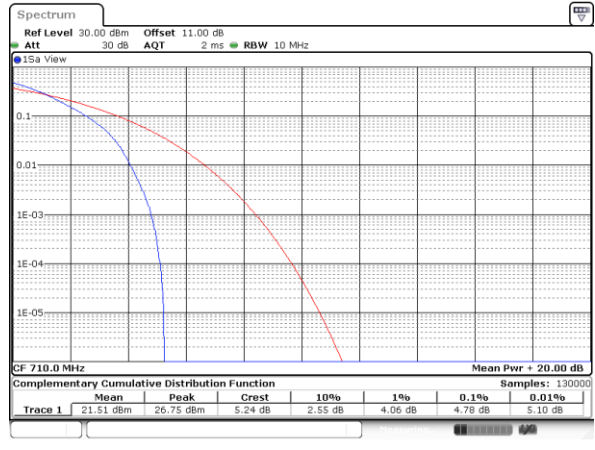
Date: 21.AUG.2020 06:13:49

Middle Channel / 1RB



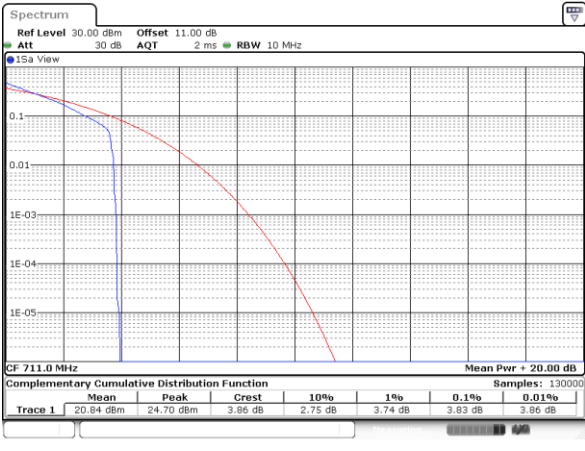
Date: 21.AUG.2020 06:13:58

Middle Channel / Full RB



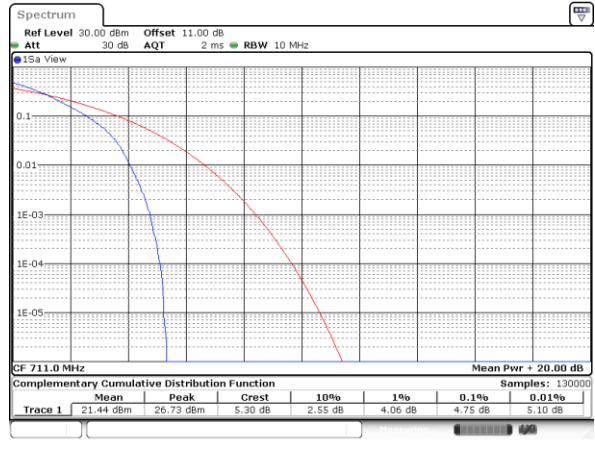
Date: 21.AUG.2020 06:14:08

Highest Channel / 1RB



Date: 21.AUG.2020 06:14:17

Highest Channel / Full RB



Date: 21.AUG.2020 06:14:27



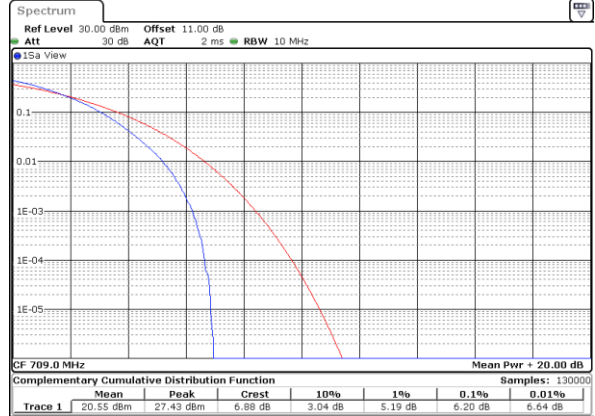
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



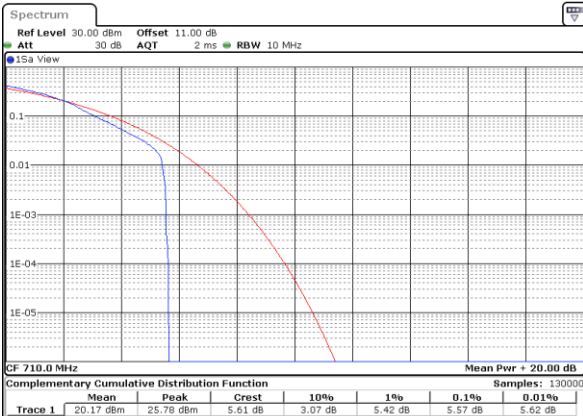
Date: 21.AUG.2020 06:12:40

Lowest Channel / Full RB



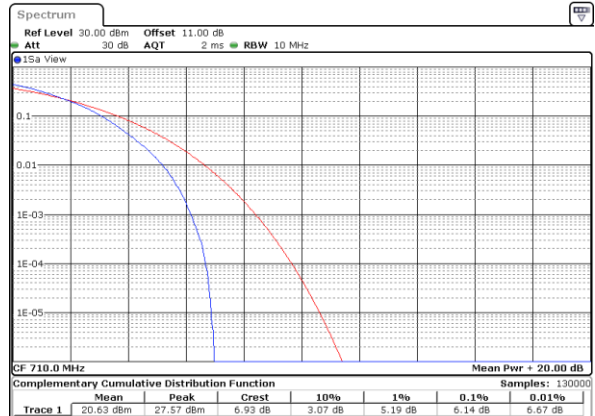
Date: 21.AUG.2020 06:12:50

Middle Channel / 1RB



Date: 21.AUG.2020 06:13:00

Middle Channel / Full RB



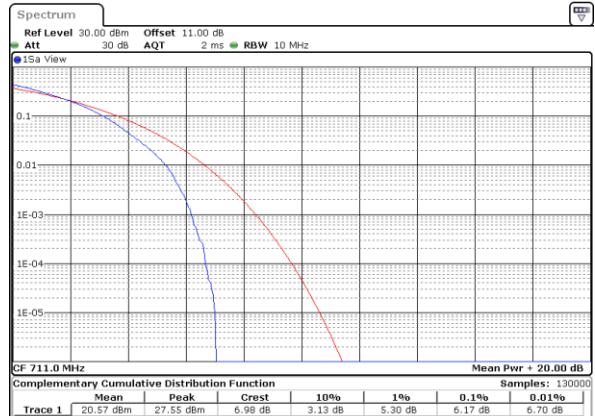
Date: 21.AUG.2020 06:13:09

Highest Channel / 1RB



Date: 21.AUG.2020 06:13:19

Highest Channel / Full RB



Date: 21.AUG.2020 06:13:29





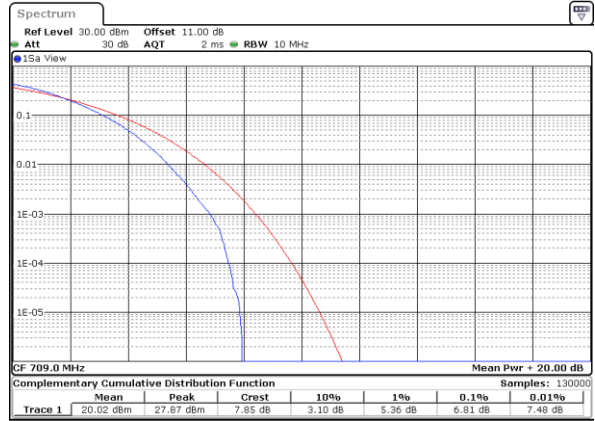
LTE Band 17 / 10MHz / 64QAM

Lowest Channel / 1RB



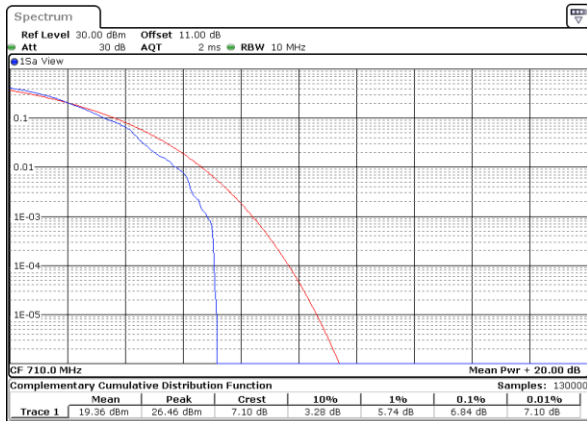
Date: 4,SEP,2020 21:25:03

Lowest Channel / Full RB



Date: 4,SEP,2020 21:25:14

Middle Channel / 1RB



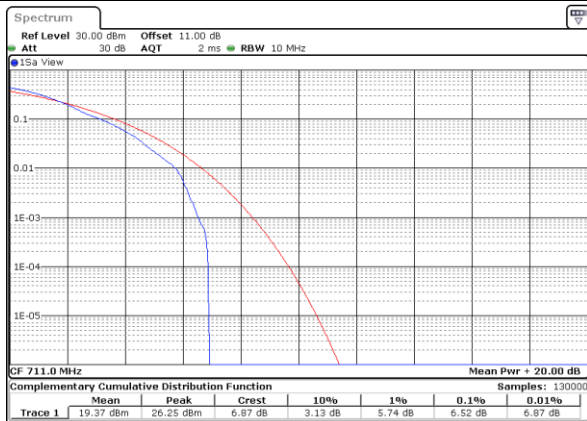
Date: 4,SEP,2020 21:25:25

Middle Channel / Full RB



Date: 4,SEP,2020 21:25:35

Highest Channel / 1RB



Date: 4,SEP,2020 21:25:45

Highest Channel / Full RB



Date: 4,SEP,2020 21:26:15



**26dB Bandwidth**

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.93	4.91	9.73	9.61	-	-	-	-
Middle CH	-	-	-	-	4.95	4.90	9.75	9.61	-	-	-	-
Highest CH	-	-	-	-	4.89	4.84	9.61	9.73	-	-	-	-
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.95	-	9.71	-	-	-	-	-
Middle CH	-	-	-	-	4.87	-	9.75	-	-	-	-	-
Highest CH	-	-	-	-	4.92	-	9.77	-	-	-	-	-