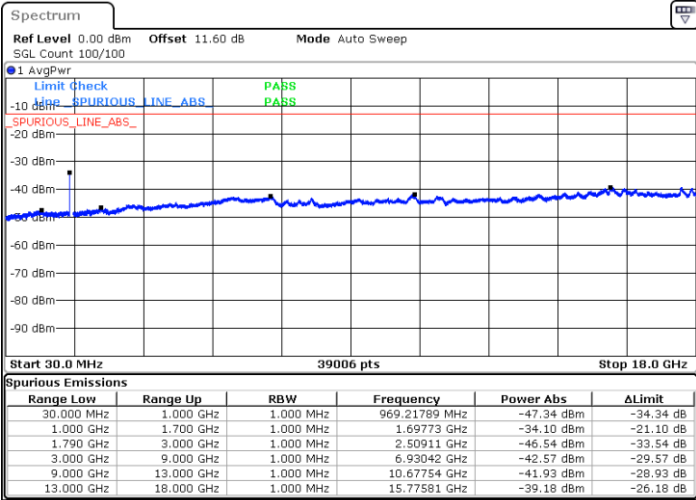




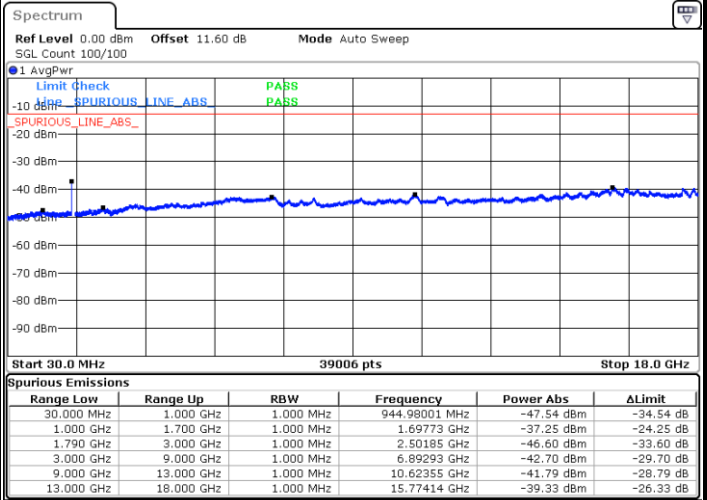
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



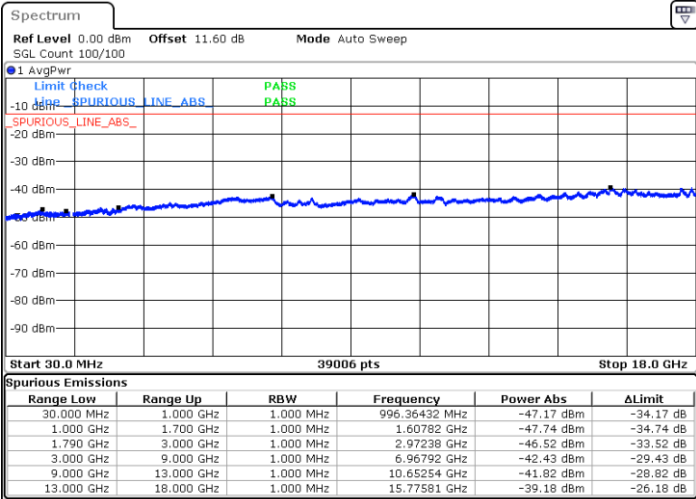
Date: 27.SEP.2020 12:53:26



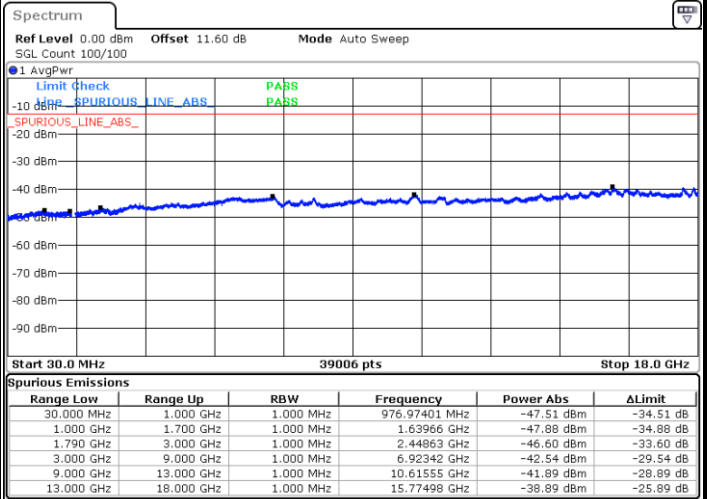
Date: 27.SEP.2020 12:54:11

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 27.SEP.2020 12:55:45



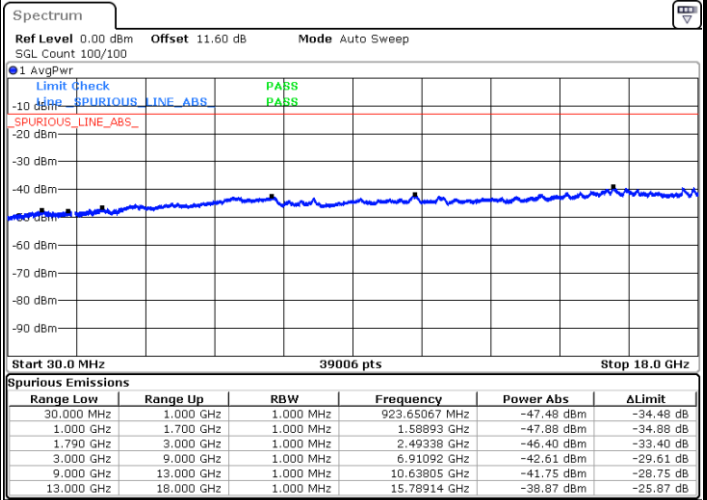
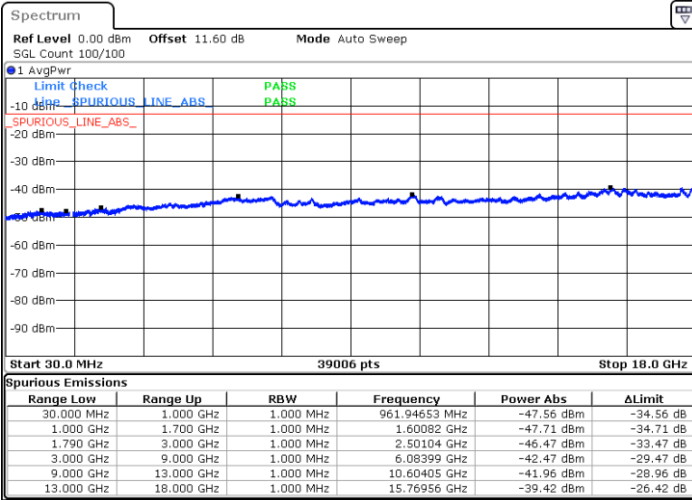
Date: 27.SEP.2020 12:56:30



LTE Band 66 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



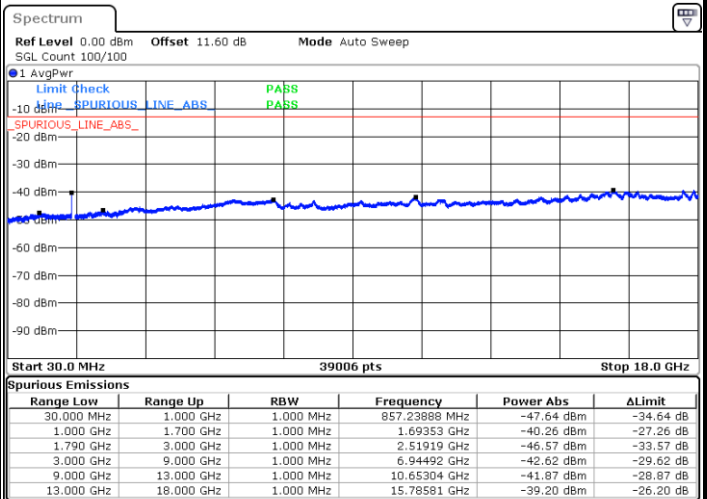
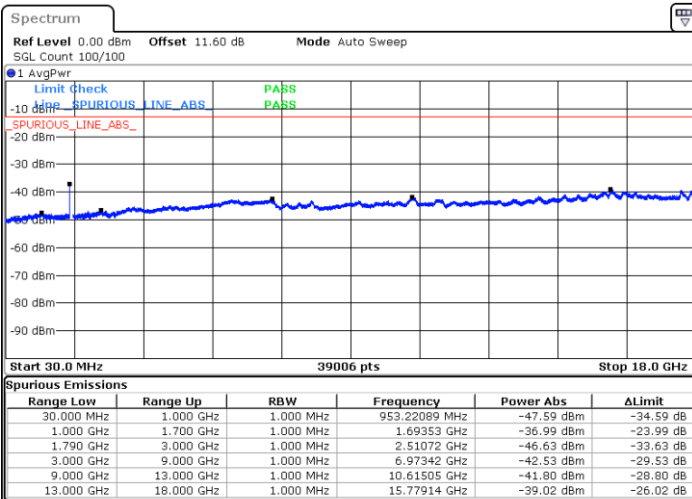
Date: 27.SEP.2020 13:00:03

Date: 27.SEP.2020 13:00:48

LTE Band 66 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 27.SEP.2020 13:04:21

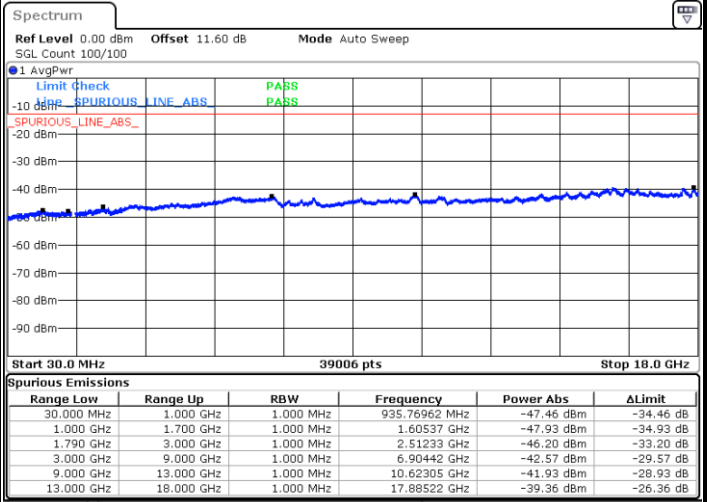
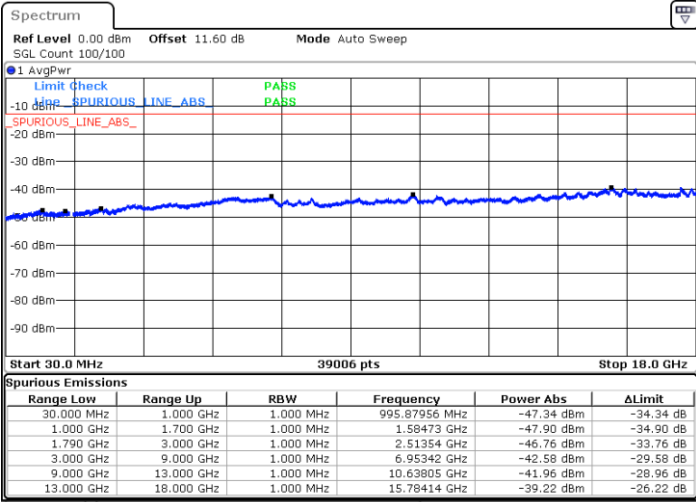
Date: 27.SEP.2020 13:05:07



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

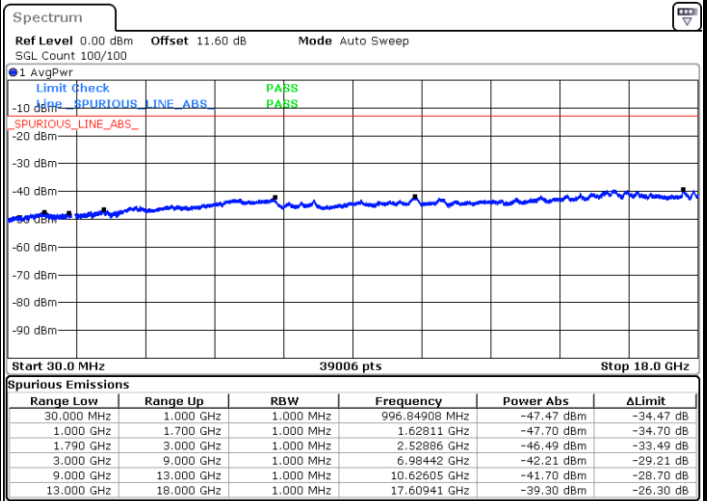
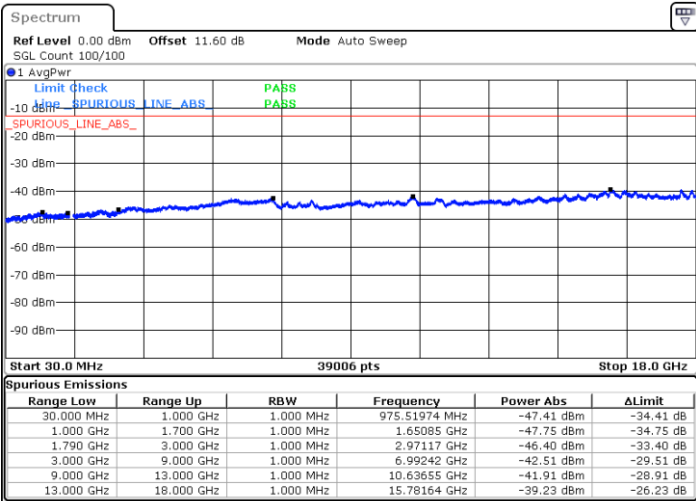


Date: 27.SEP.2020 13:06:40

Date: 27.SEP.2020 13:07:26

Highest Channel / QPSK

Highest Channel / 16QAM



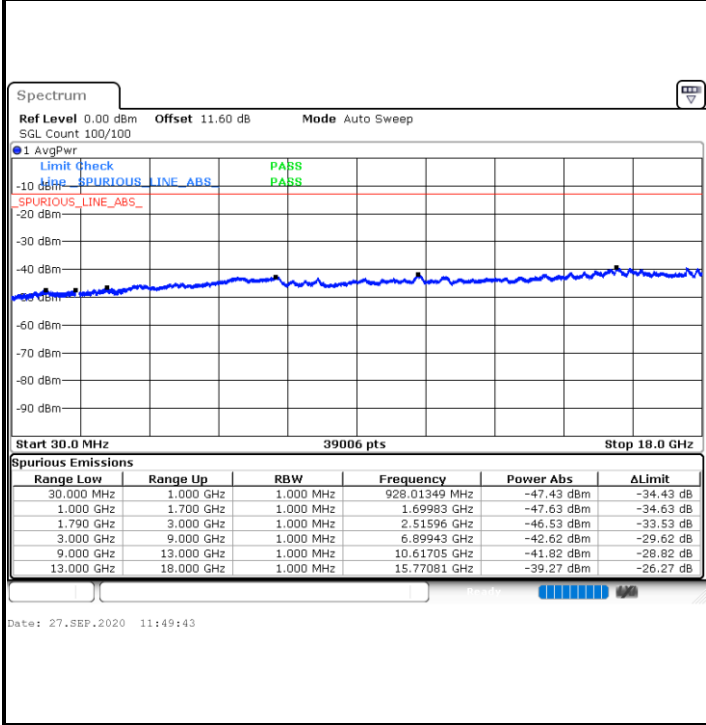
Date: 27.SEP.2020 13:10:58

Date: 27.SEP.2020 13:11:44

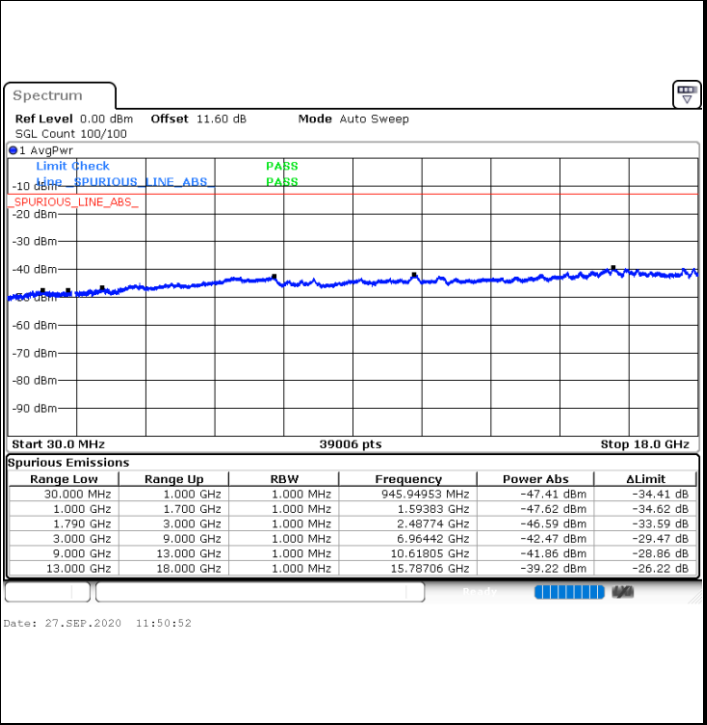


**LTE Band 66 / 1.4MHz**

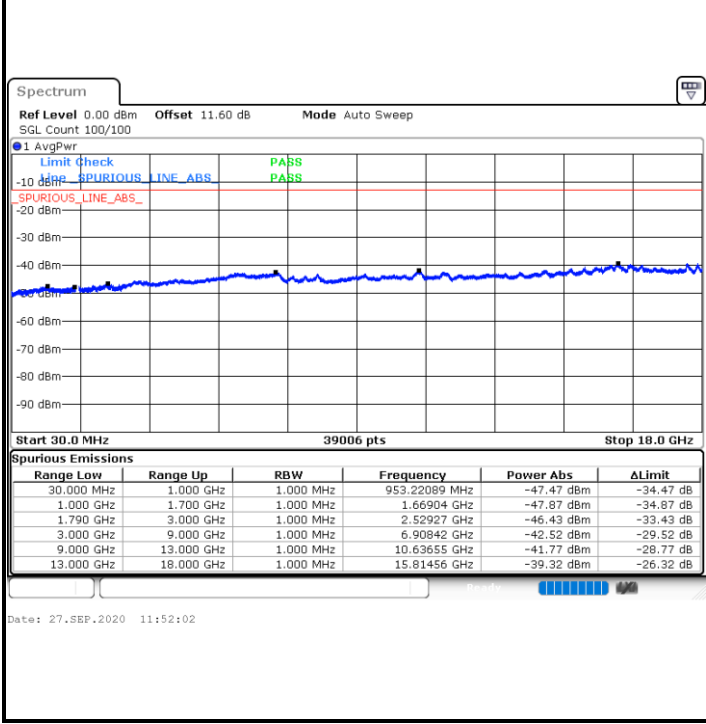
**Lowest Channel / 64QAM**



**Middle Channel / 64QAM**



**Highest Channel / 64QAM**



**Highest Channel / 64QAM**

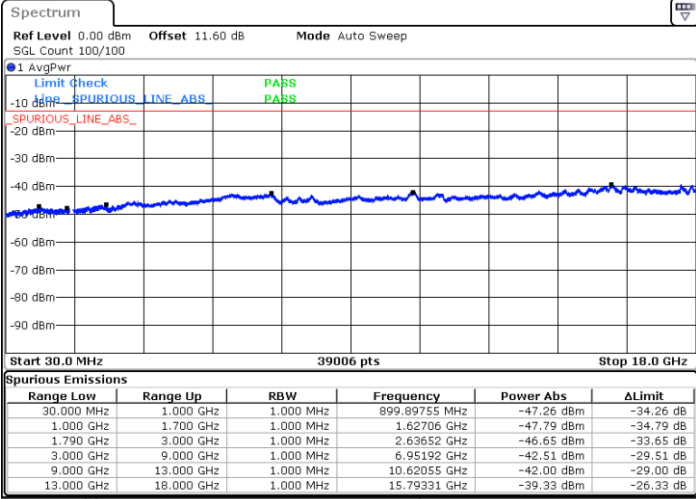




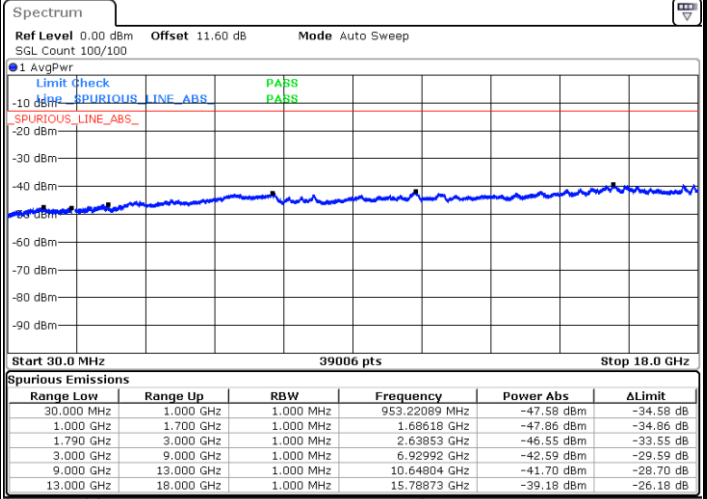
LTE Band 66 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

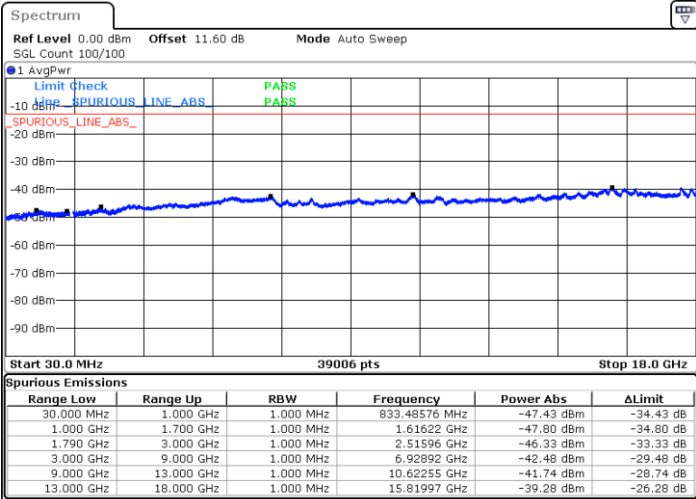


Date: 27.SEP.2020 12:05:51



Date: 27.SEP.2020 12:07:00

Highest Channel / 64QAM



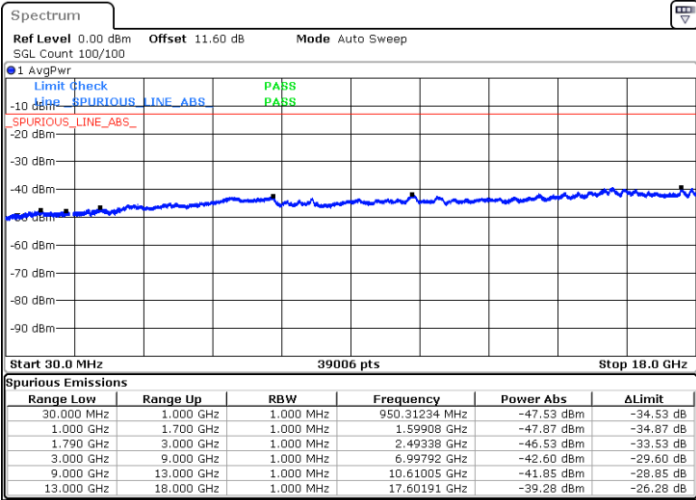
Date: 27.SEP.2020 12:09:18



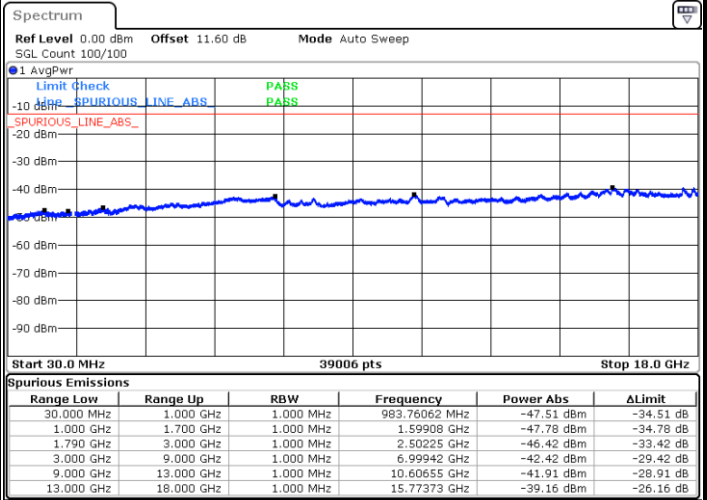
LTE Band 66 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

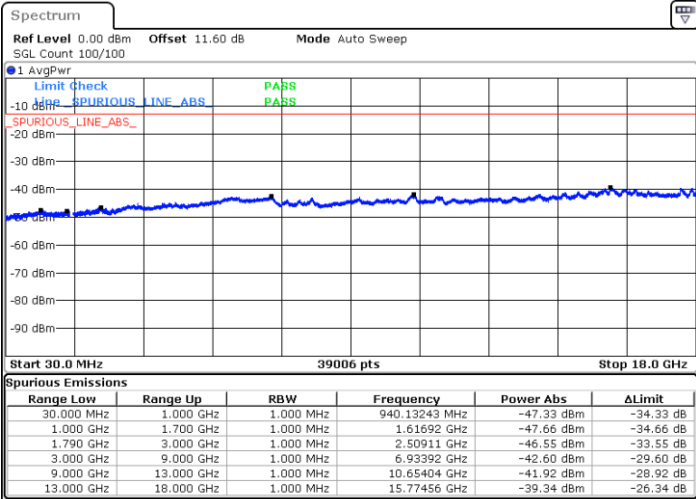


Date: 27.SEP.2020 12:11:27



Date: 27.SEP.2020 12:12:36

Highest Channel / 64QAM



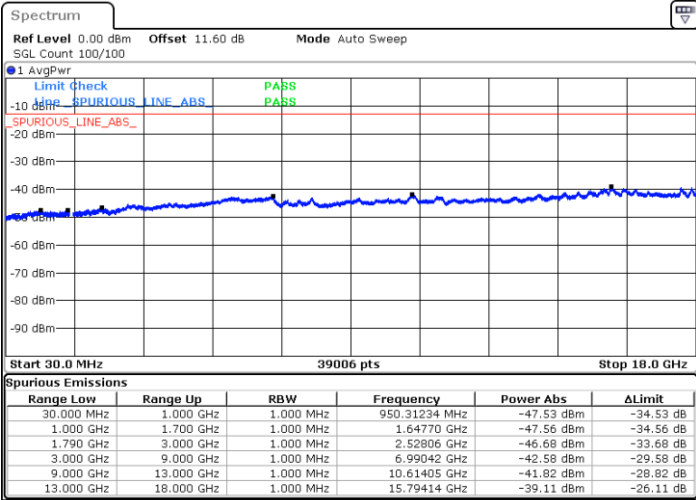
Date: 27.SEP.2020 12:14:45



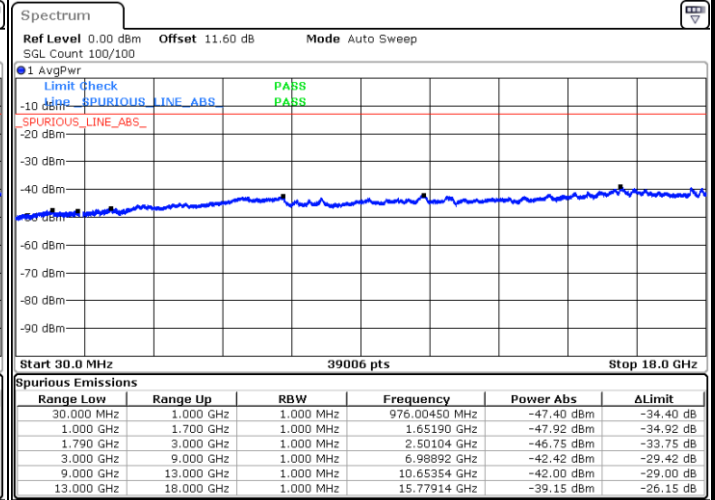
LTE Band 66 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

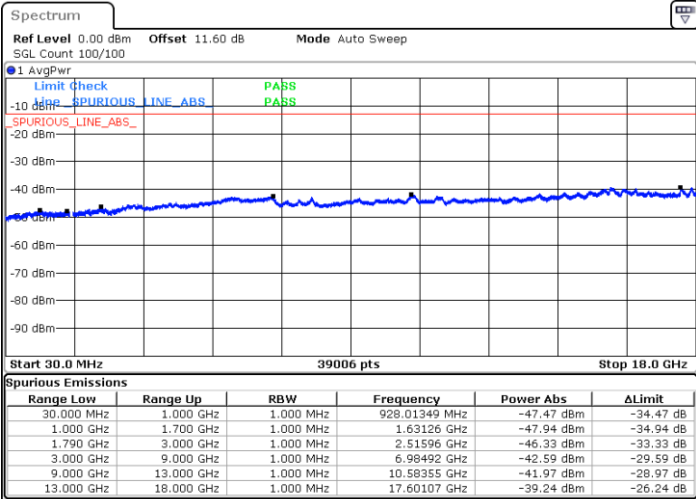


Date: 27.SEP.2020 12:41:07



Date: 27.SEP.2020 12:42:17

Highest Channel / 64QAM



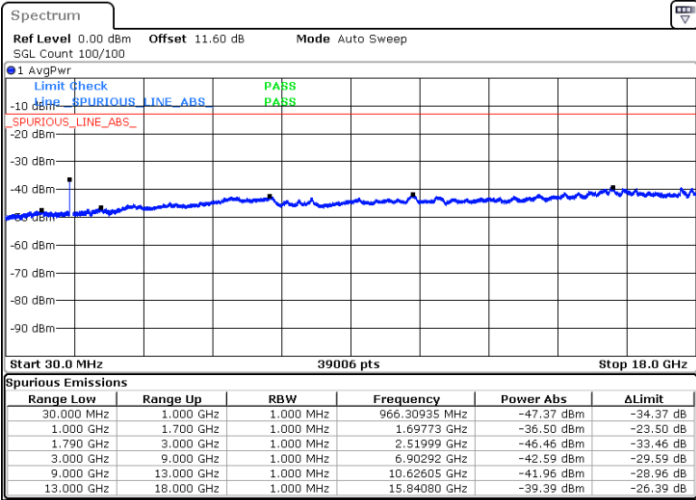
Date: 27.SEP.2020 12:44:25



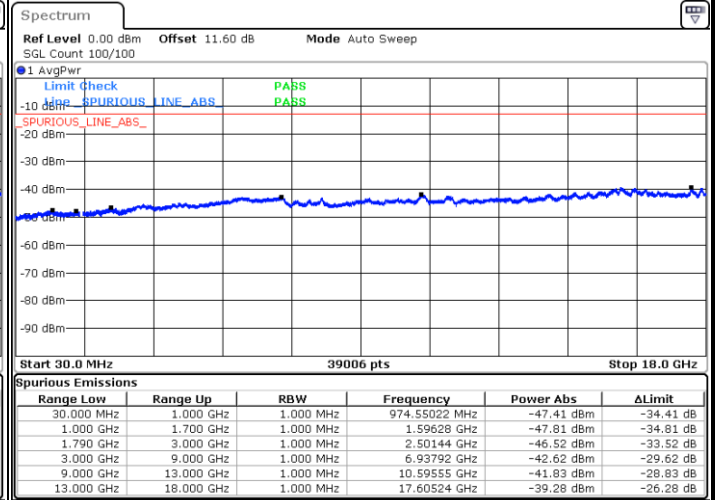
LTE Band 66 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

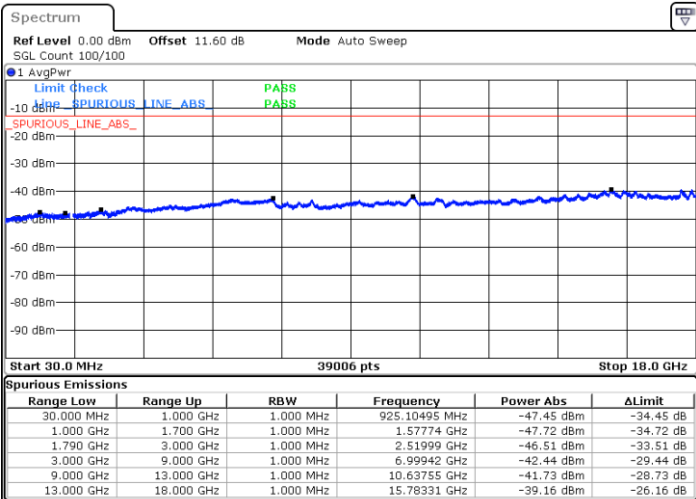


Date: 27.SEP.2020 12:46:35



Date: 27.SEP.2020 12:47:44

Highest Channel / 64QAM



Date: 27.SEP.2020 12:49:53

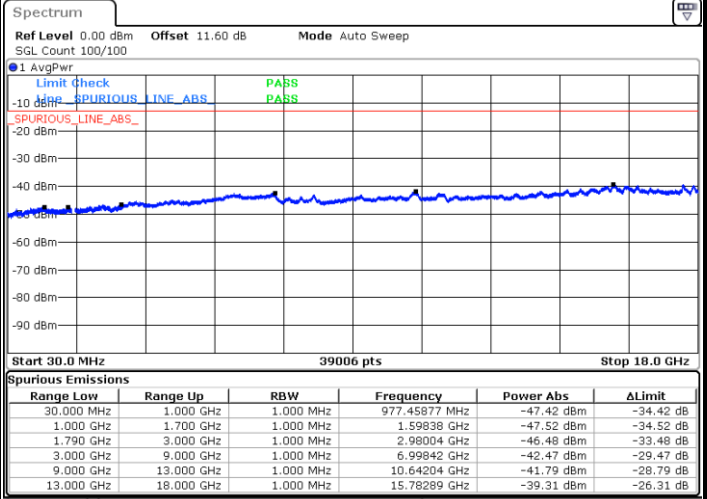
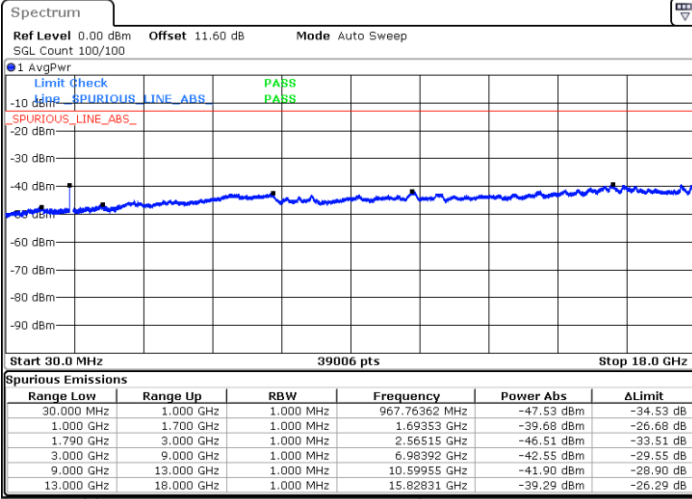




LTE Band 66 / 20MHz

Lowest Channel / 64QAM

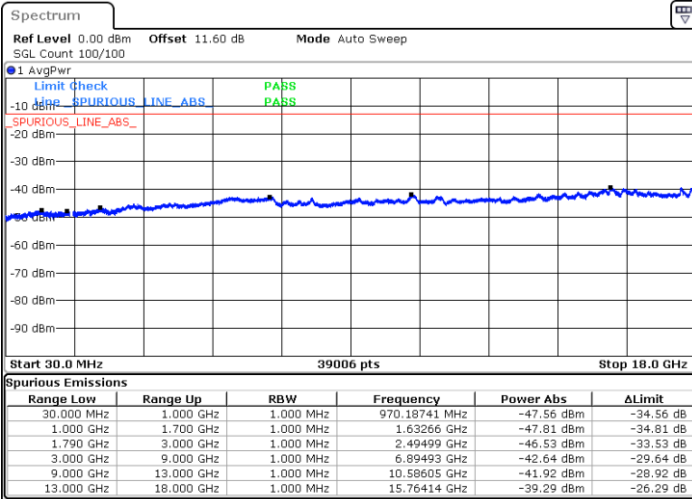
Middle Channel / 64QAM



Date: 27.SEP.2020 13:13:52

Date: 27.SEP.2020 13:15:02

Highest Channel / 64QAM



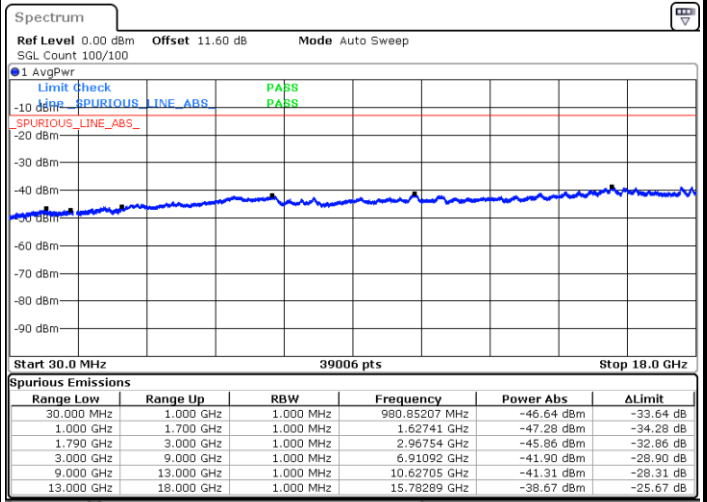
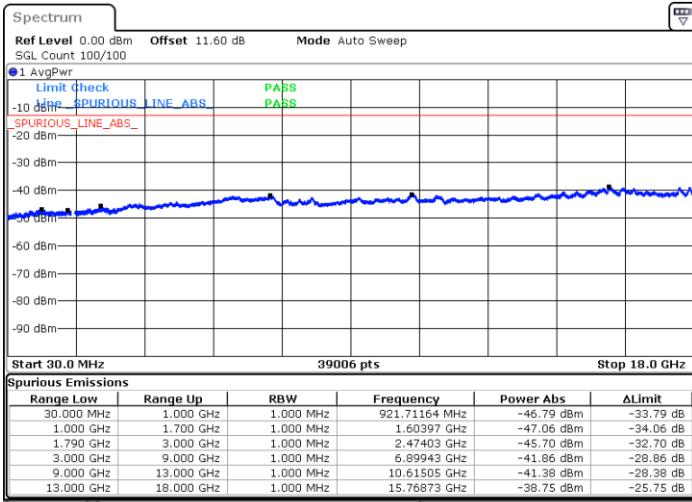
Date: 27.SEP.2020 13:17:10



LTE Band 66 / 1.4MHz

Lowest Channel / 256QAM

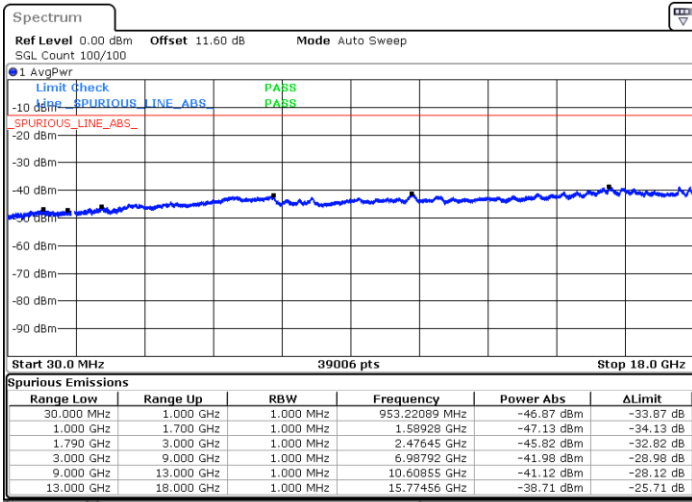
Middle Channel / 256QAM



Date: 29\_SEP.2020 08:59:00

Date: 29\_SEP.2020 08:54:30

Highest Channel / 256QAM



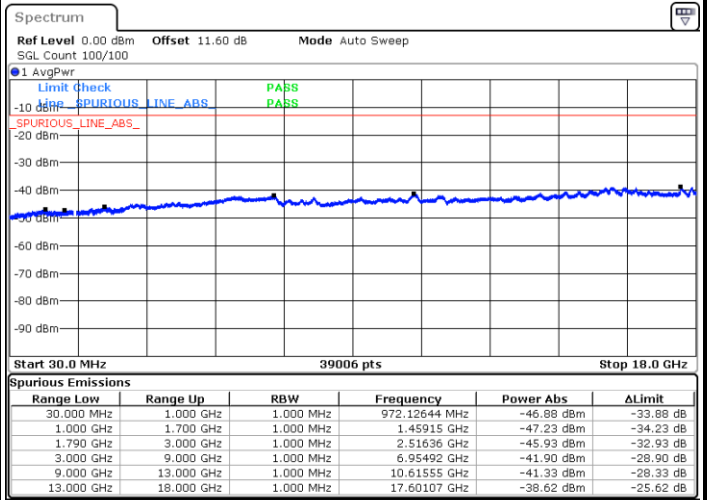
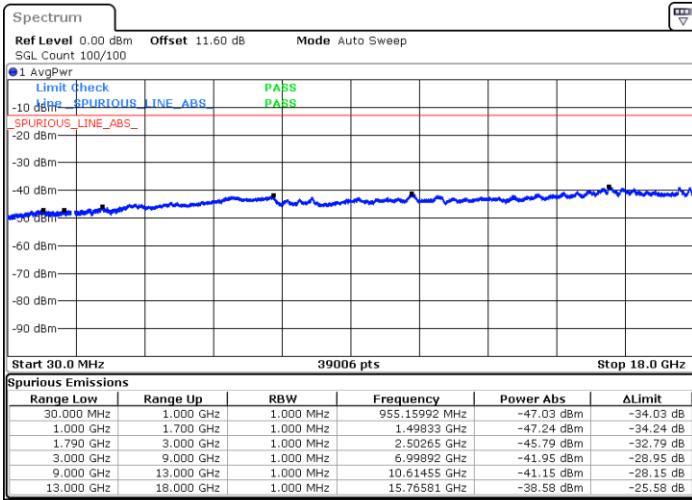
Date: 29\_SEP.2020 09:02:53



LTE Band 66 / 3MHz

Lowest Channel / 256QAM

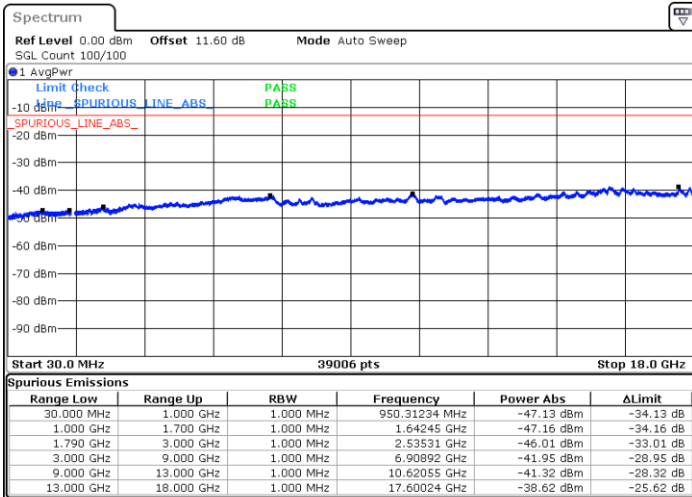
Middle Channel / 256QAM



Date: 29.SEP.2020 09:08:51

Date: 29.SEP.2020 09:05:24

Highest Channel / 256QAM



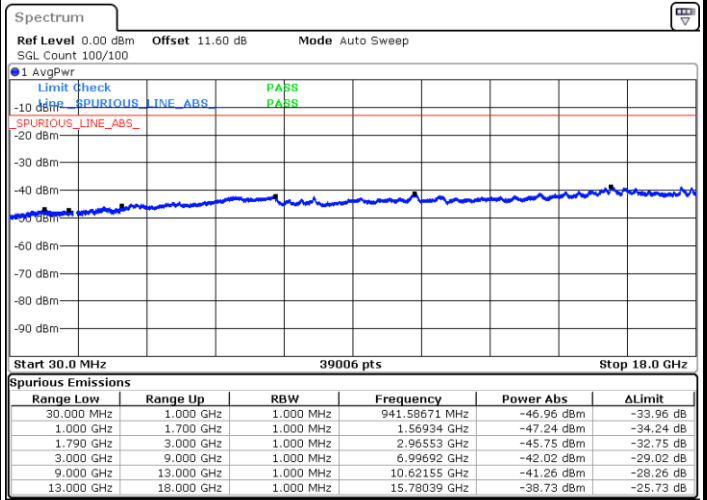
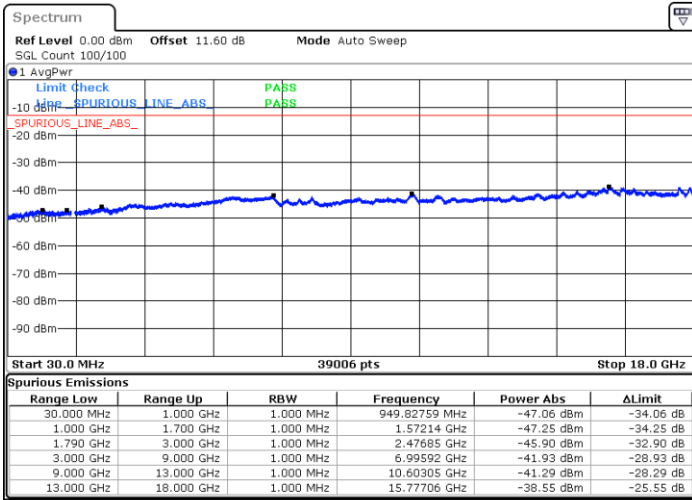
Date: 29.SEP.2020 09:10:50



LTE Band 66 / 5MHz

Lowest Channel / 256QAM

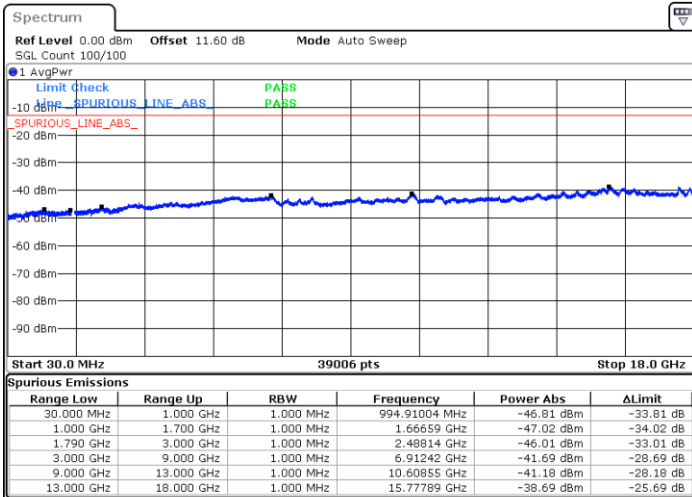
Middle Channel / 256QAM



Date: 29.SEP.2020 09:14:43

Date: 29.SEP.2020 09:12:53

Highest Channel / 256QAM



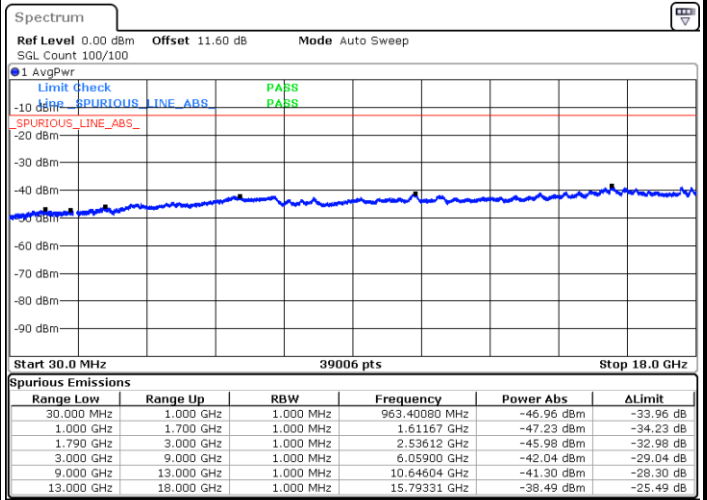
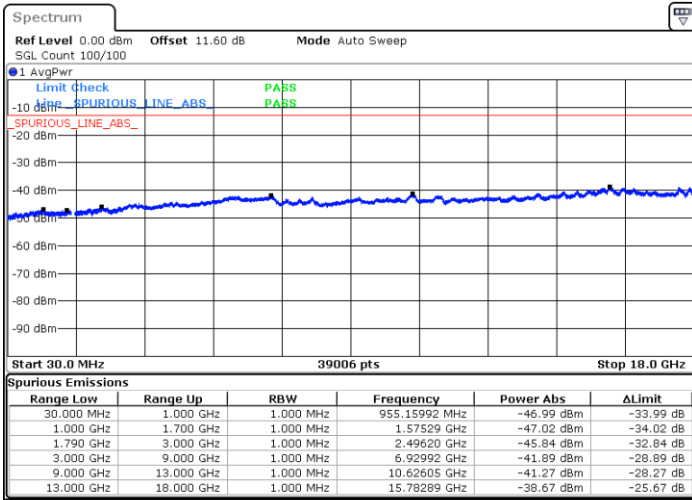
Date: 29.SEP.2020 09:16:06



LTE Band 66 / 10MHz

Lowest Channel / 256QAM

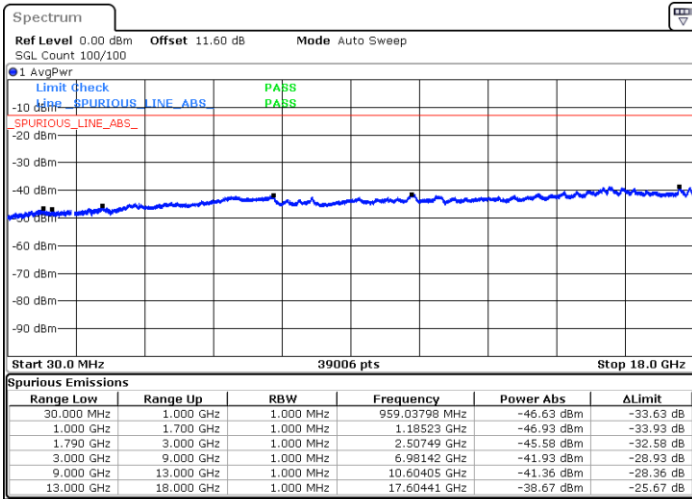
Middle Channel / 256QAM



Date: 29\_SEP.2020 09:20:16

Date: 29\_SEP.2020 09:18:36

Highest Channel / 256QAM



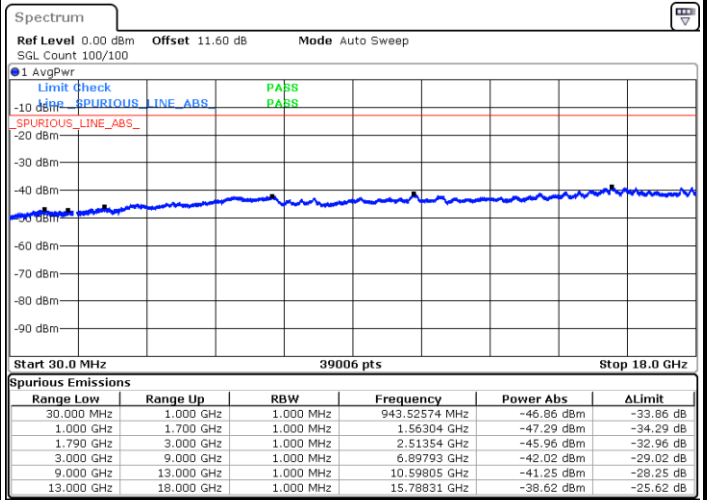
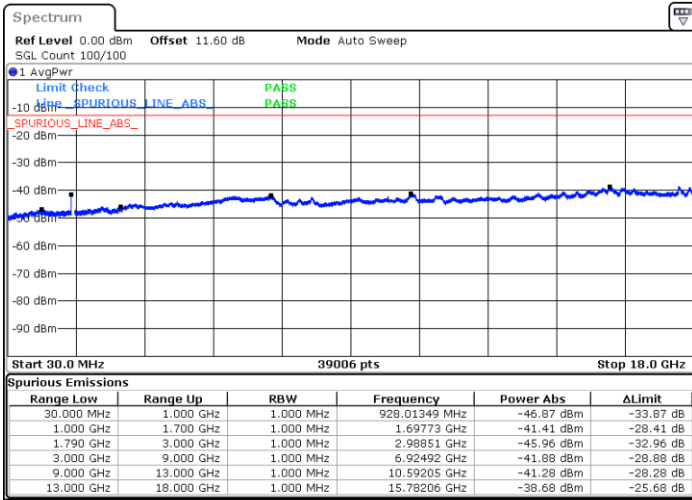
Date: 29\_SEP.2020 09:21:42



LTE Band 66 / 15MHz

Lowest Channel / 256QAM

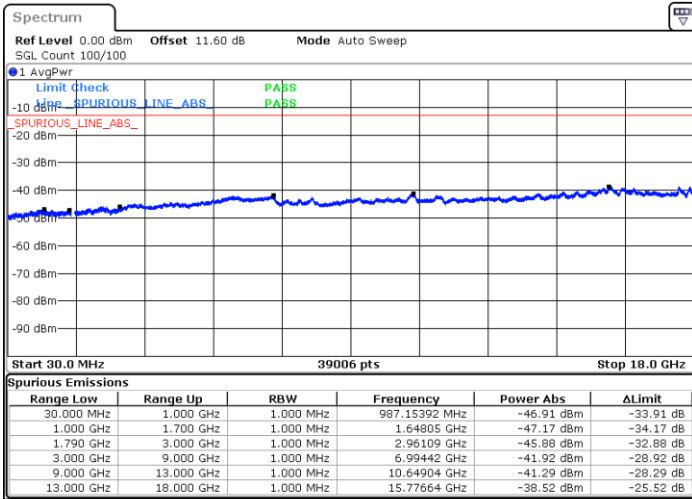
Middle Channel / 256QAM



Date: 29\_SEP.2020 09:25:00

Date: 29\_SEP.2020 09:23:22

Highest Channel / 256QAM



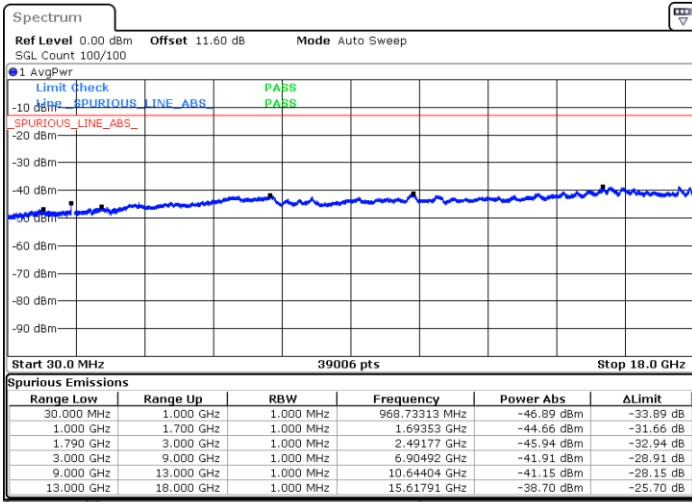
Date: 29\_SEP.2020 09:29:12



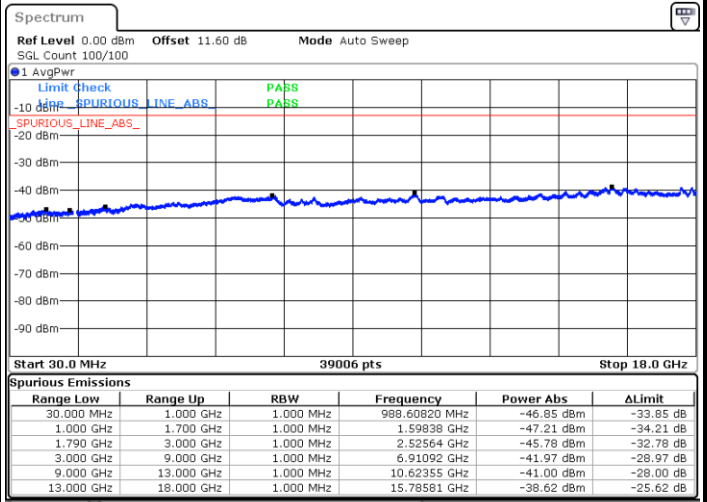
LTE Band 66 / 20MHz

Lowest Channel / 256QAM

Middle Channel / 256QAM

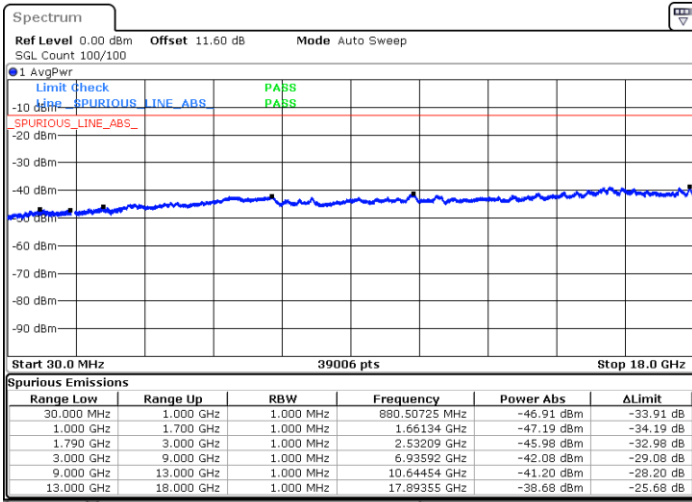


Date: 29.SEP.2020 09:32:43



Date: 29.SEP.2020 09:31:03

Highest Channel / 256QAM



Date: 29.SEP.2020 09:34:29



**Frequency Stability**

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0091	PASS
40	Normal Voltage	0.0001	
30	Normal Voltage	0.0123	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0011	
0	Normal Voltage	0.0116	
-10	Normal Voltage	0.0017	
-20	Normal Voltage	0.0012	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0008	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0108	

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.3 V. ; Maximum Voltage =4.25 V.
2. The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 71

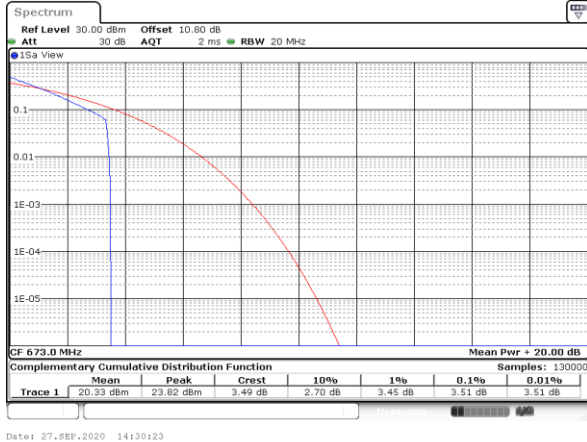
## Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.51	4.87	5.39	5.91	<b>PASS</b>
Middle CH	3.51	4.90	5.48	5.86	
Highest CH	3.57	4.93	5.01	5.83	
Mode	LTE Band 71 / 20MHz				
Mod.	64QAM		256QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	5.94	6.41	5.71	6.38	<b>PASS</b>
Middle CH	7.07	6.32	7.42	6.43	
Highest CH	7.19	6.38	5.57	6.52	

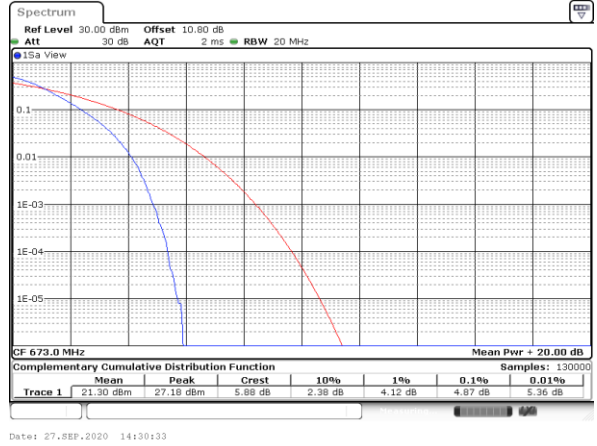


LTE Band 71 / 20MHz / QPSK

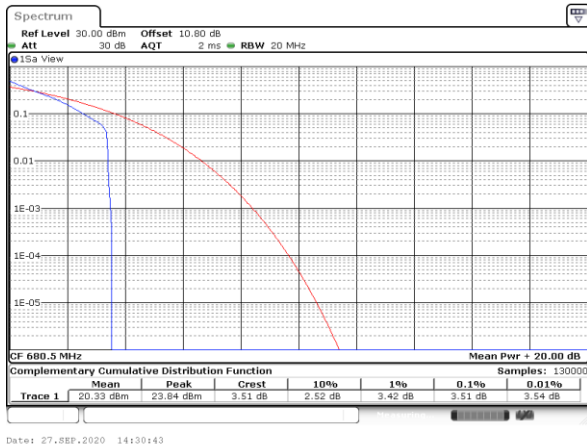
Lowest Channel / 1RB



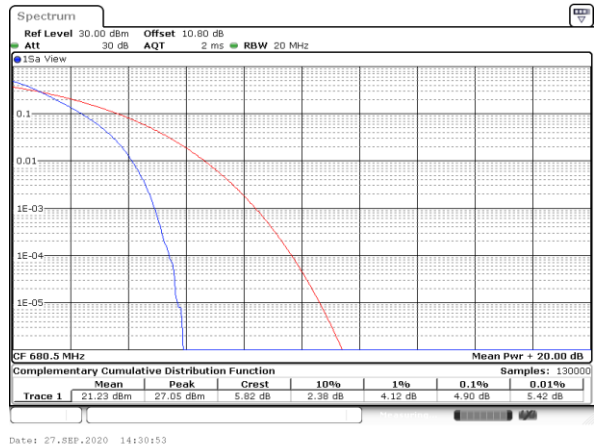
Lowest Channel / Full RB



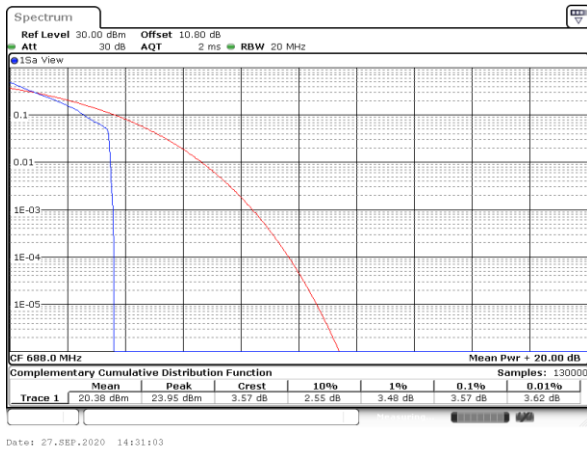
Middle Channel / 1RB



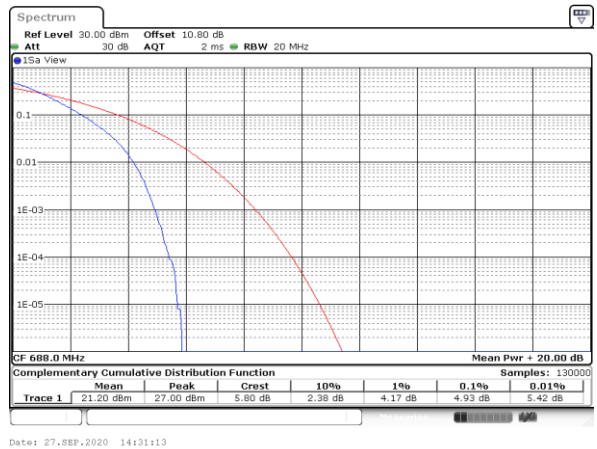
Middle Channel / Full RB



Highest Channel / 1RB



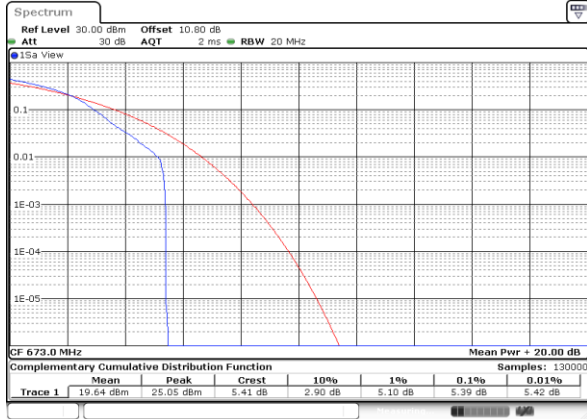
Highest Channel / Full RB





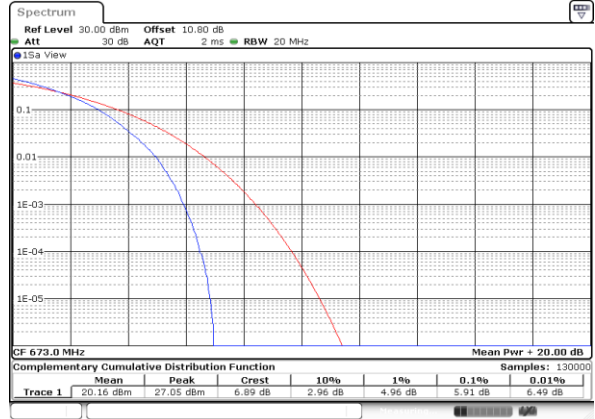
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



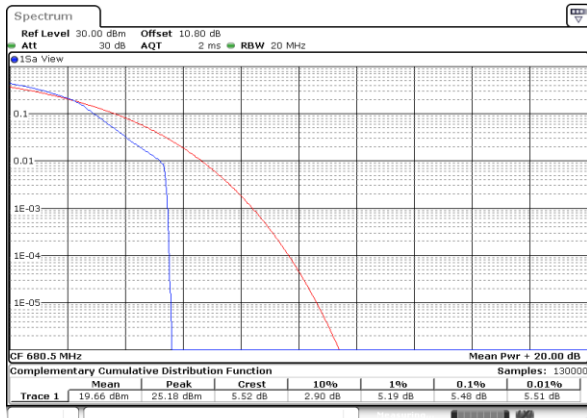
Date: 27.SEP.2020 14:29:20

Lowest Channel / Full RB



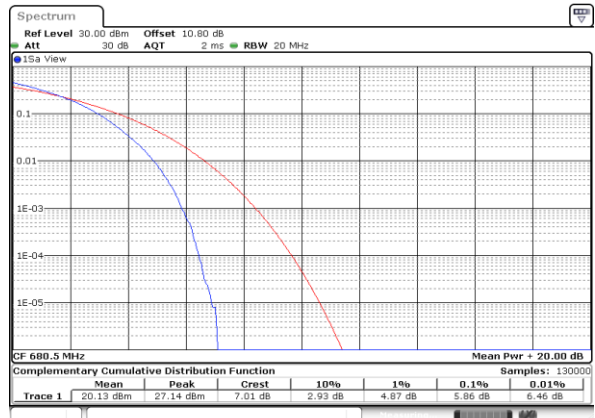
Date: 27.SEP.2020 14:29:31

Middle Channel / 1RB



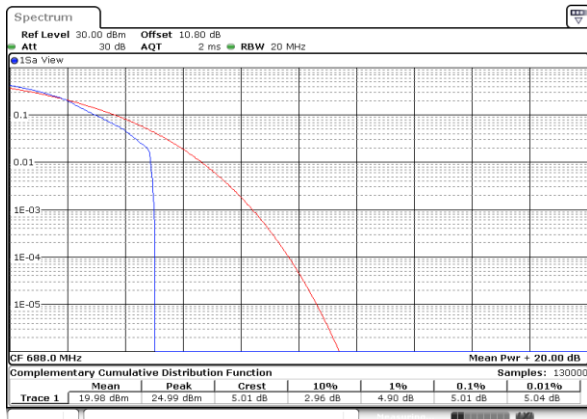
Date: 27.SEP.2020 14:29:41

Middle Channel / Full RB



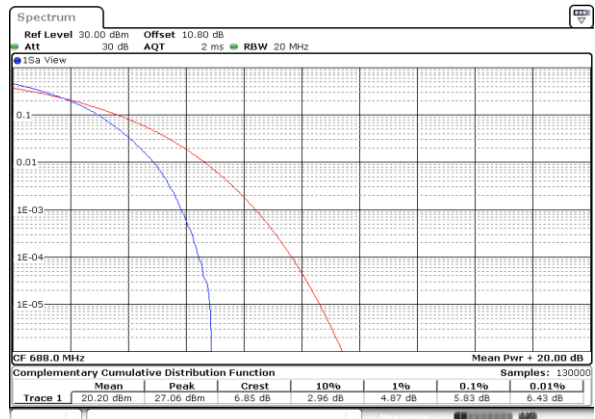
Date: 27.SEP.2020 14:29:51

Highest Channel / 1RB



Date: 27.SEP.2020 14:30:02

Highest Channel / Full RB

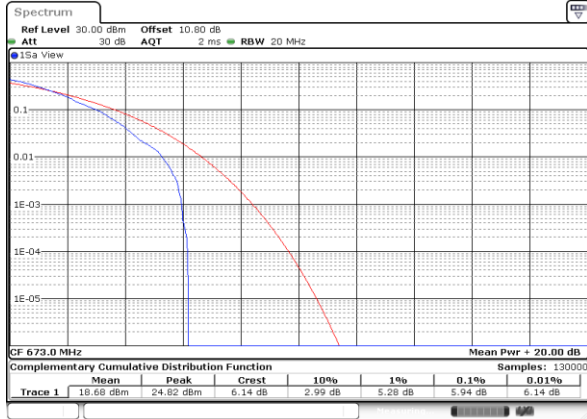


Date: 27.SEP.2020 14:30:13



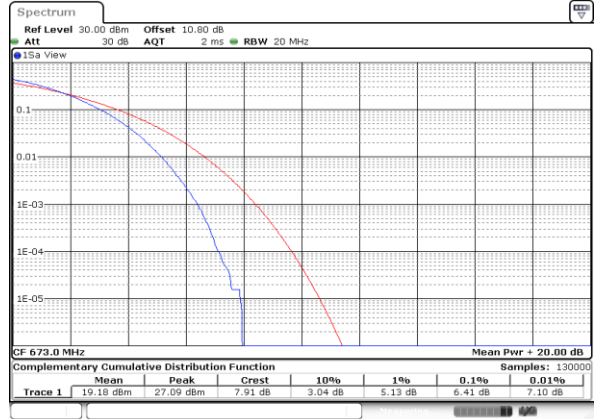
LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



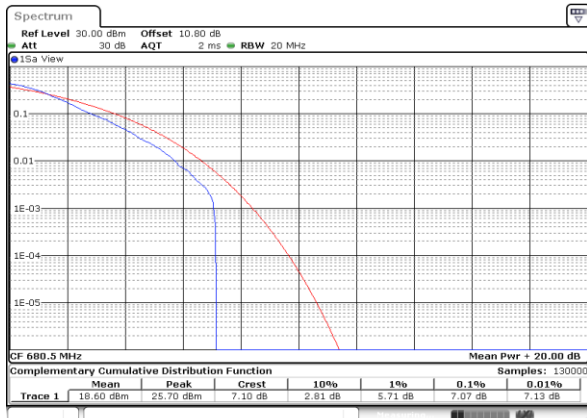
Date: 27-SEP-2020 14:31:23

Lowest Channel / Full RB



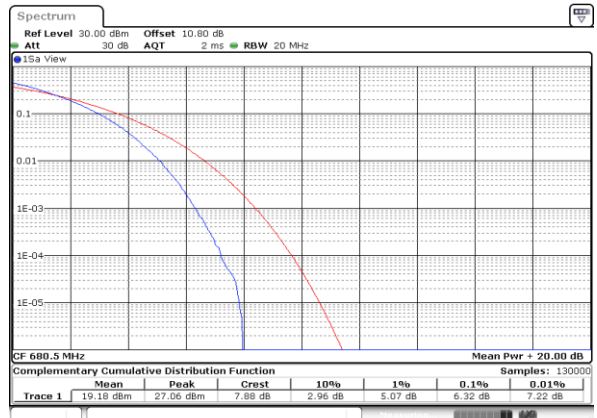
Date: 27-SEP-2020 14:31:34

Middle Channel / 1RB



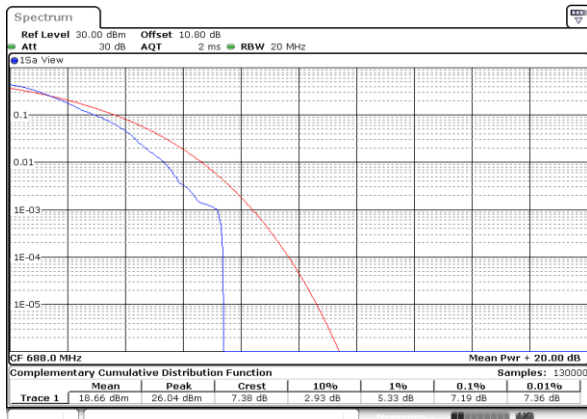
Date: 27-SEP-2020 14:31:44

Middle Channel / Full RB



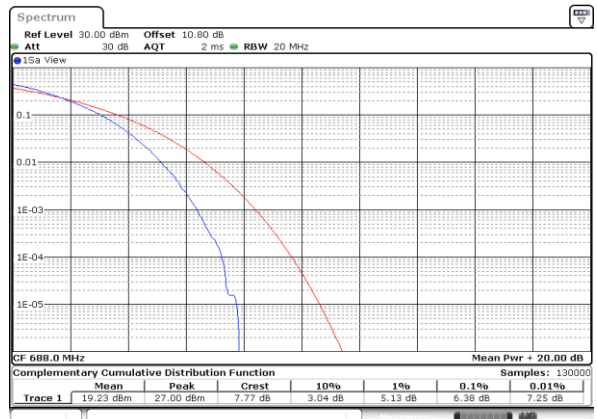
Date: 27-SEP-2020 14:31:53

Highest Channel / 1RB



Date: 27-SEP-2020 14:32:03

Highest Channel / Full RB

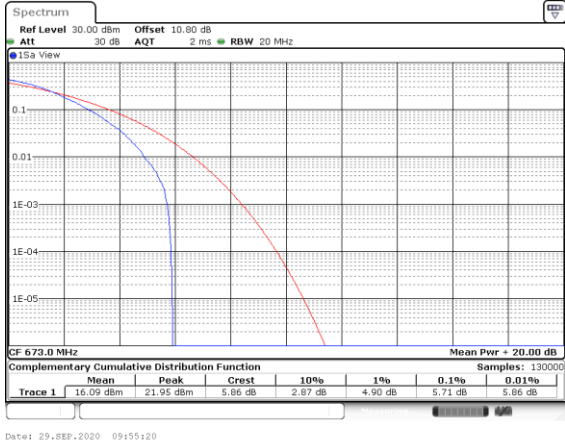


Date: 27-SEP-2020 14:32:14

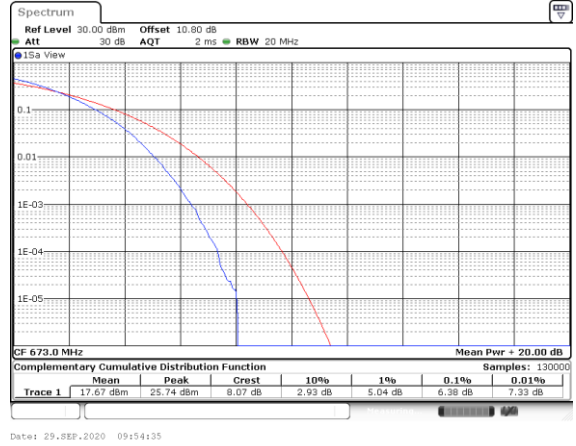


LTE Band 71 / 20MHz / 256QAM

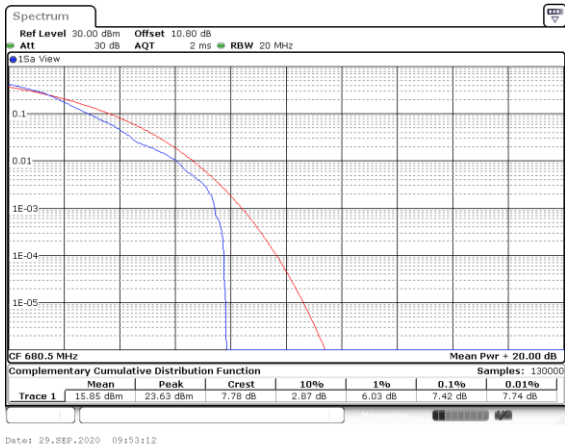
Lowest Channel / 1RB



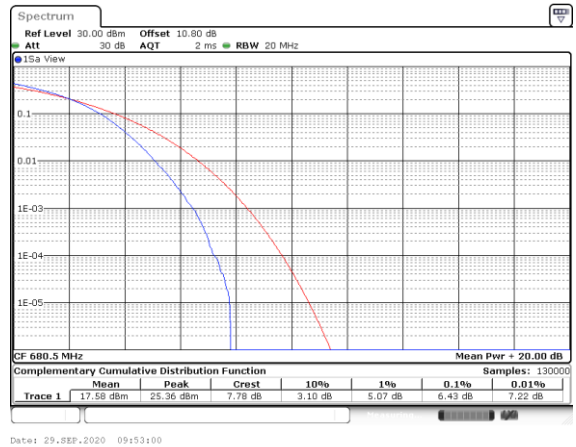
Lowest Channel / Full RB



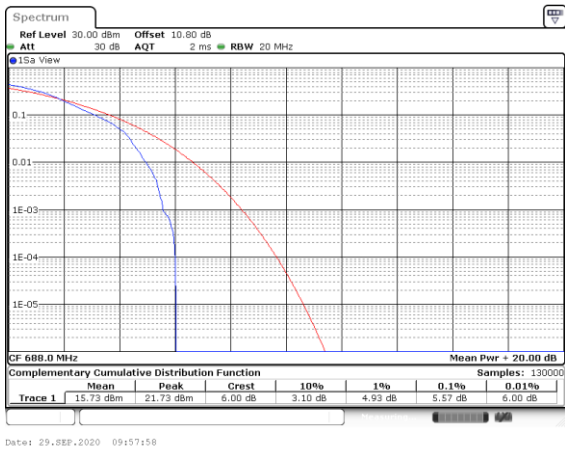
Middle Channel / 1RB



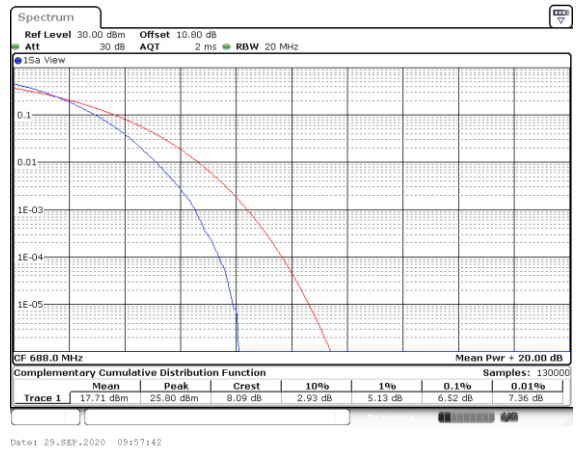
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





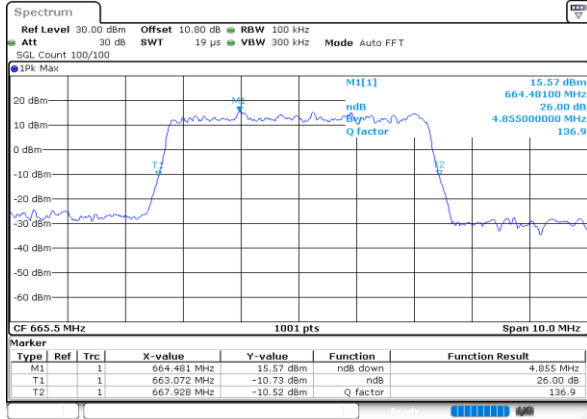
**26dB Bandwidth**

Mode	LTE Band 71 : 26dB BW(MHz)											
BW	-		-		5MHz		10MHz		15MHz		20MHz	
Mod.	-	-	-	-	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.86	4.96	9.71	9.71	14.60	14.39	19.02	18.70
Middle CH	-	-	-	-	4.89	4.86	9.81	9.73	14.42	14.51	19.26	18.74
Highest CH	-	-	-	-	4.88	4.88	9.79	9.79	14.60	14.39	19.06	19.10
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	-		-		5MHz		10MHz		15MHz		20MHz	
Mod.	-	-	-	-	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM	64QAM	256 QAM
Lowest CH	-	-	-	-	4.87	4.92	9.87	9.89	14.33	14.15	18.82	18.94
Middle CH	-	-	-	-	4.85	4.91	9.79	9.85	14.27	14.51	18.90	18.74
Highest CH	-	-	-	-	4.84	4.93	9.85	9.63	14.42	14.27	19.02	18.90



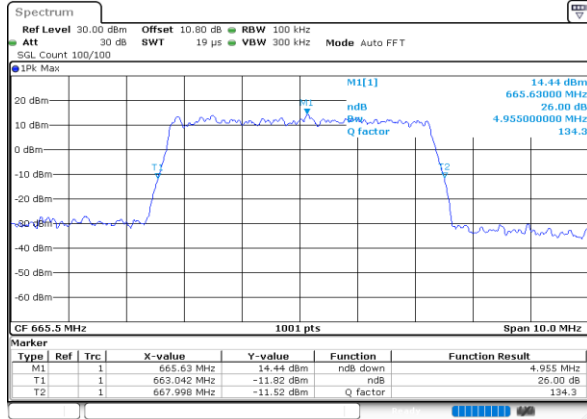
LTE Band 71

Lowest Channel / 5MHz / QPSK



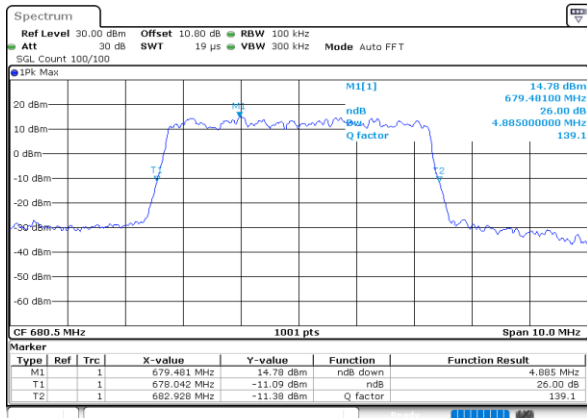
Date: 27\_SEP.2020 13:33:50

Lowest Channel / 5MHz / 16QAM



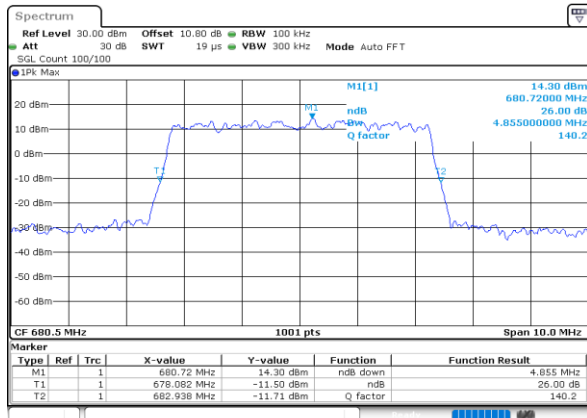
Date: 27\_SEP.2020 13:34:02

Middle Channel / 5MHz / QPSK



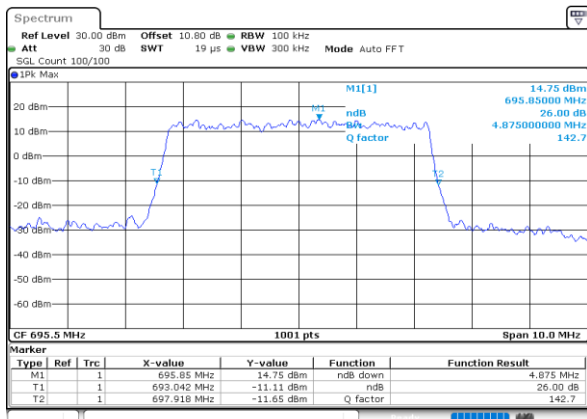
Date: 27\_SEP.2020 13:37:44

Middle Channel / 5MHz / 16QAM



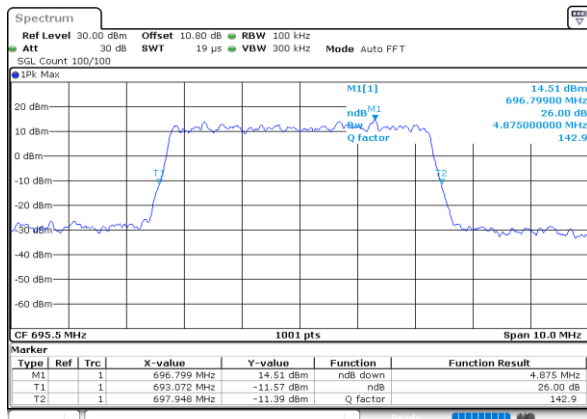
Date: 27\_SEP.2020 13:37:55

Highest Channel / 5MHz / QPSK



Date: 27\_SEP.2020 13:39:18

Highest Channel / 5MHz / 16QAM

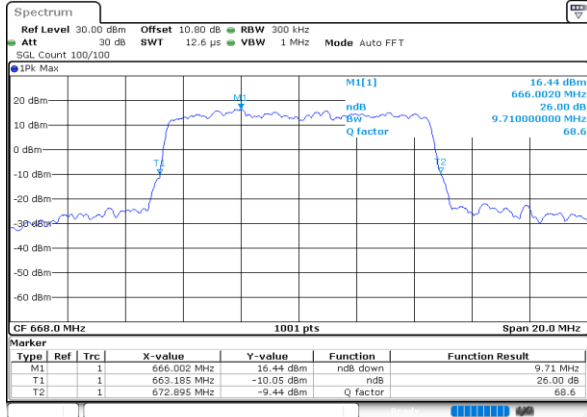


Date: 27\_SEP.2020 13:39:29



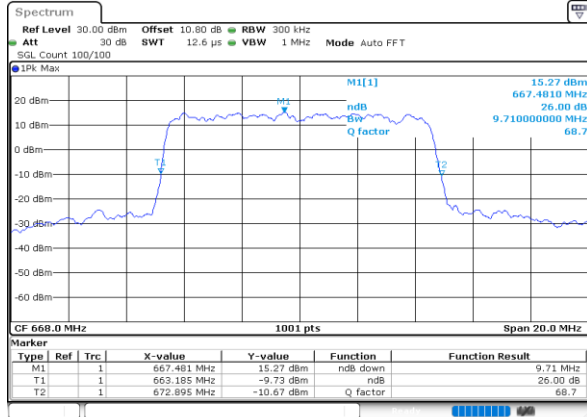
LTE Band 71

Lowest Channel / 10MHz / QPSK



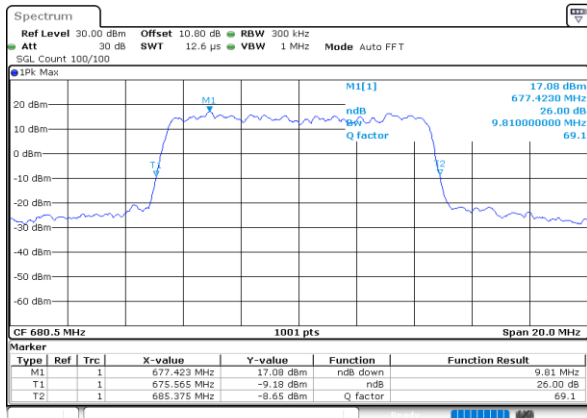
Date: 27\_SEP.2020 13:47:50

Lowest Channel / 10MHz / 16QAM



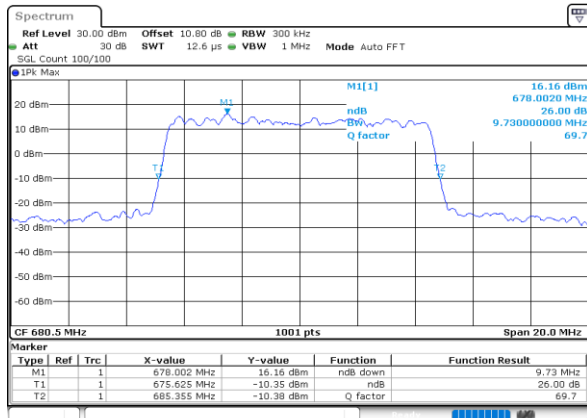
Date: 27\_SEP.2020 13:48:10

Middle Channel / 10MHz / QPSK



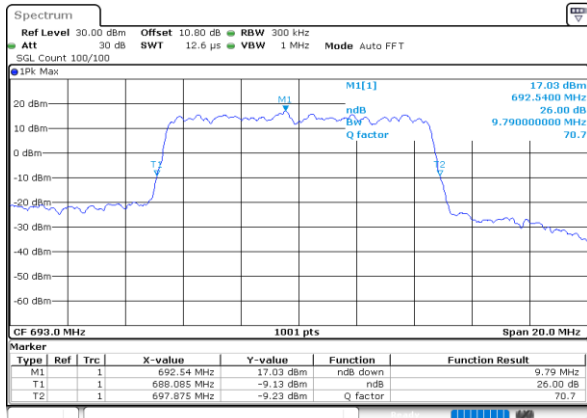
Date: 27\_SEP.2020 13:51:49

Middle Channel / 10MHz / 16QAM



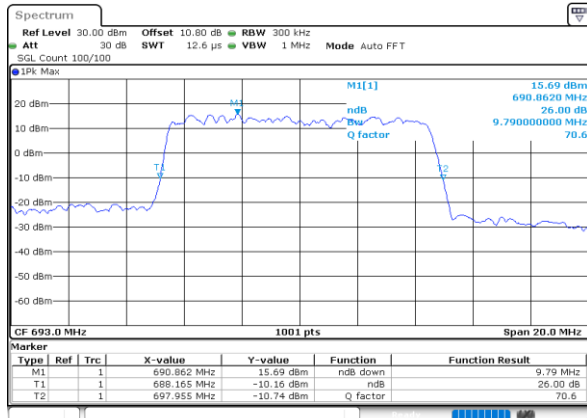
Date: 27\_SEP.2020 13:52:00

Highest Channel / 10MHz / QPSK



Date: 27\_SEP.2020 13:53:22

Highest Channel / 10MHz / 16QAM



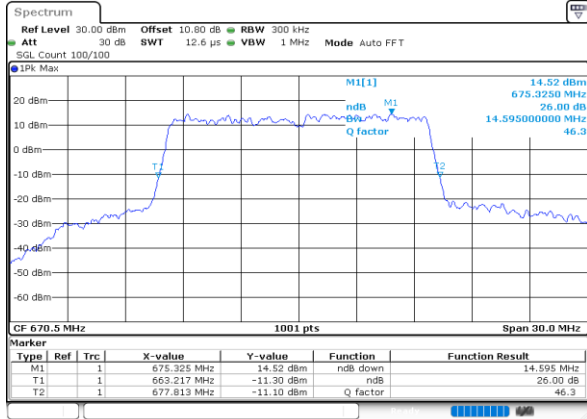
Date: 27\_SEP.2020 13:53:34





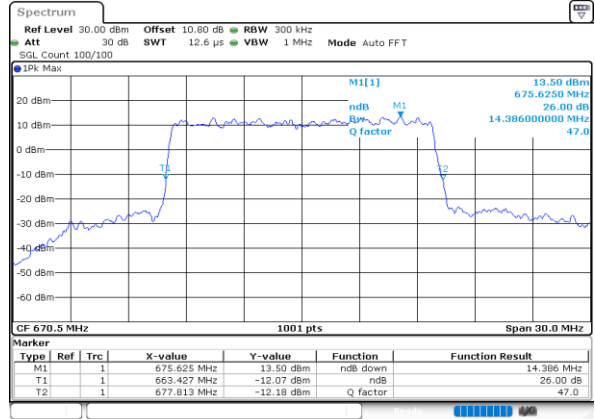
LTE Band 71

Lowest Channel / 15MHz / QPSK



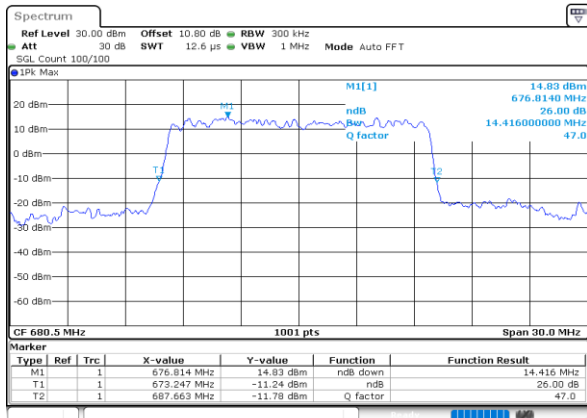
Date: 27-SEP-2020 14:02:01

Lowest Channel / 15MHz / 16QAM



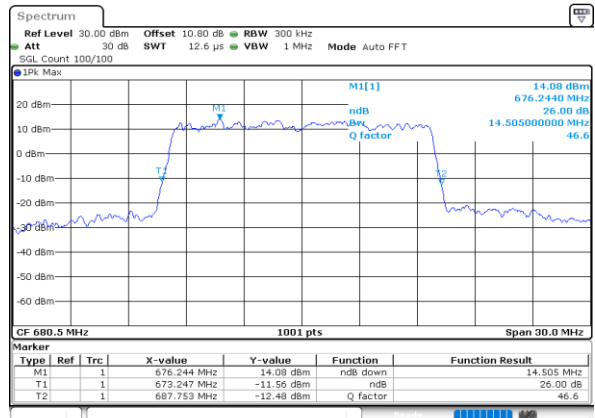
Date: 27-SEP-2020 14:02:13

Middle Channel / 15MHz / QPSK



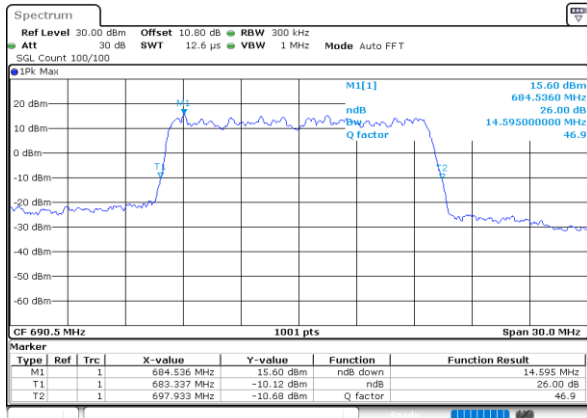
Date: 27-SEP-2020 14:05:49

Middle Channel / 15MHz / 16QAM



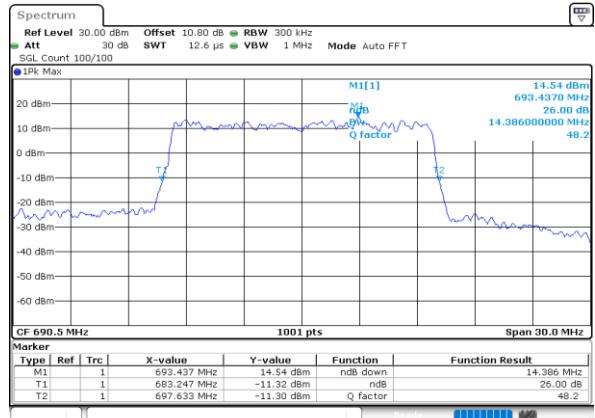
Date: 27-SEP-2020 14:06:00

Highest Channel / 15MHz / QPSK



Date: 27-SEP-2020 14:07:23

Highest Channel / 15MHz / 16QAM

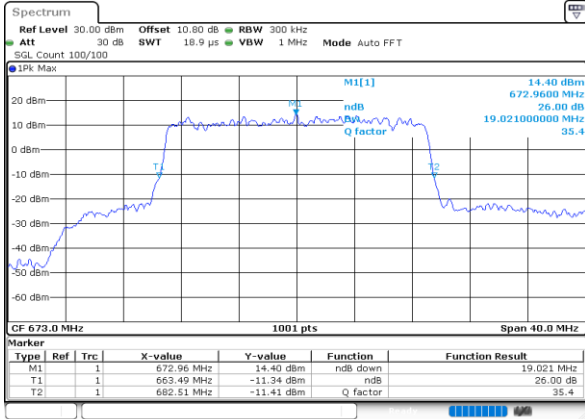


Date: 27-SEP-2020 14:07:35



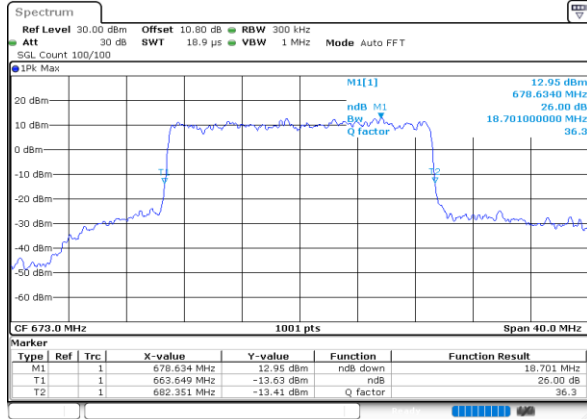
LTE Band 71

Lowest Channel / 20MHz / QPSK



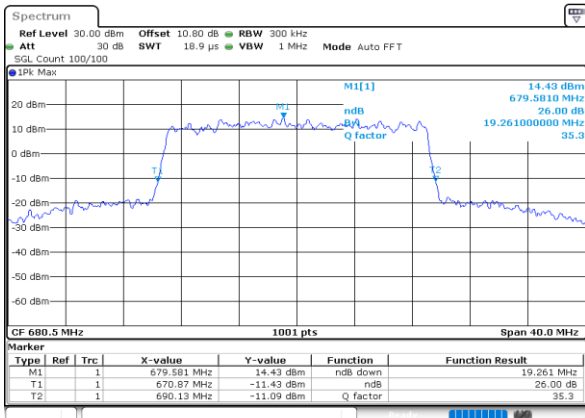
Date: 27.SEP.2020 14:15:55

Lowest Channel / 20MHz / 16QAM



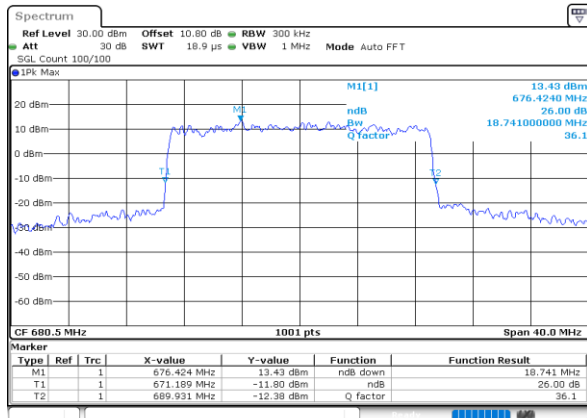
Date: 27.SEP.2020 14:16:07

Middle Channel / 20MHz / QPSK



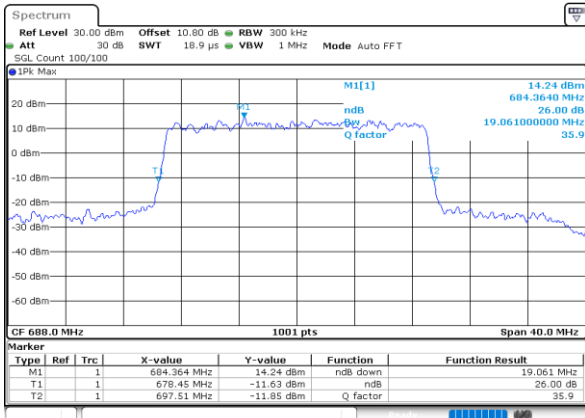
Date: 27.SEP.2020 14:19:42

Middle Channel / 20MHz / 16QAM



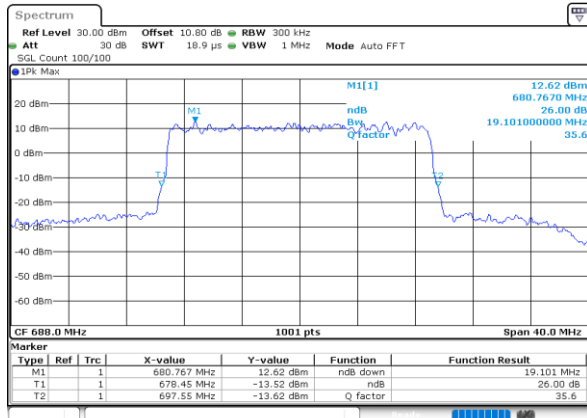
Date: 27.SEP.2020 14:19:53

Highest Channel / 20MHz / QPSK



Date: 27.SEP.2020 14:21:15

Highest Channel / 20MHz / 16QAM

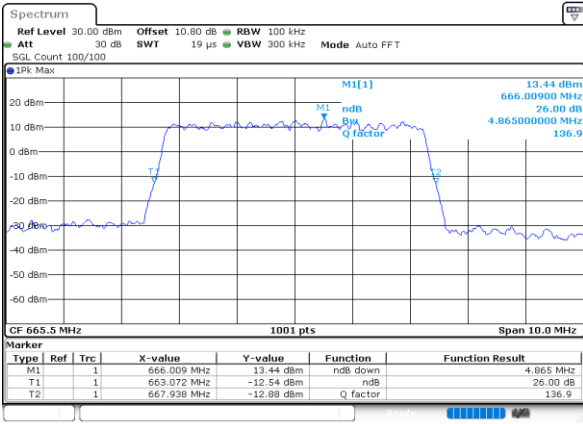


Date: 27.SEP.2020 14:21:27



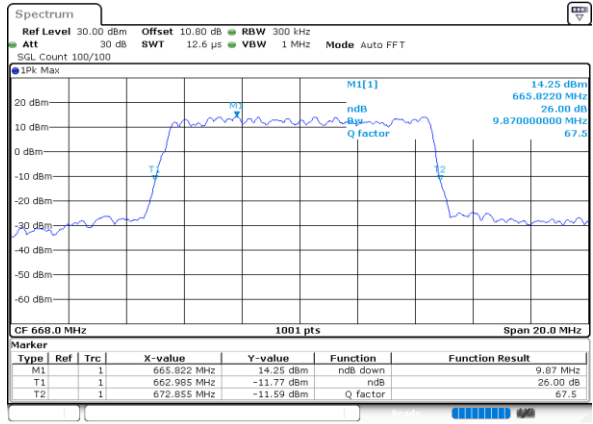
LTE Band 71

Lowest Channel / 5MHz / 64QAM



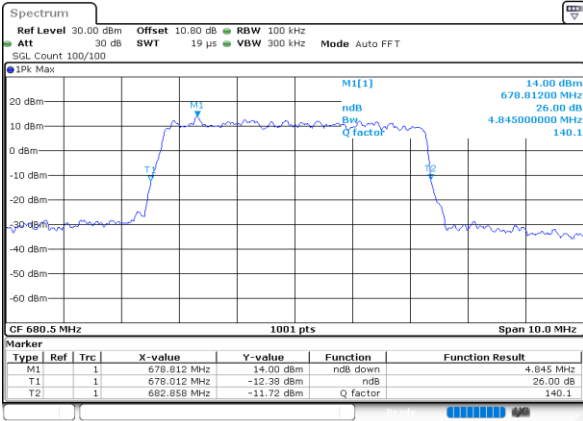
Date: 27\_SEP.2020 13:43:04

Lowest Channel / 10MHz / 64QAM



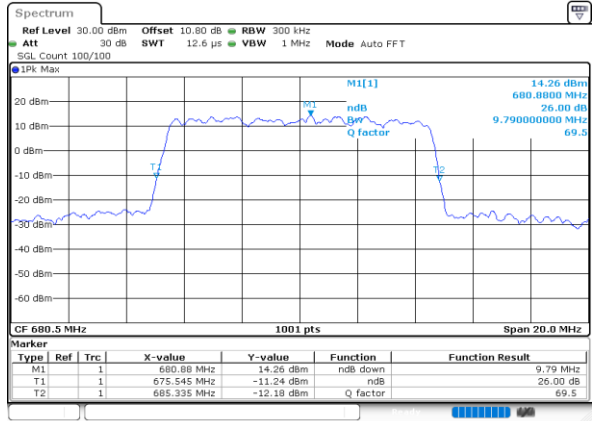
Date: 27\_SEP.2020 13:57:08

Middle Channel / 5MHz / 64QAM



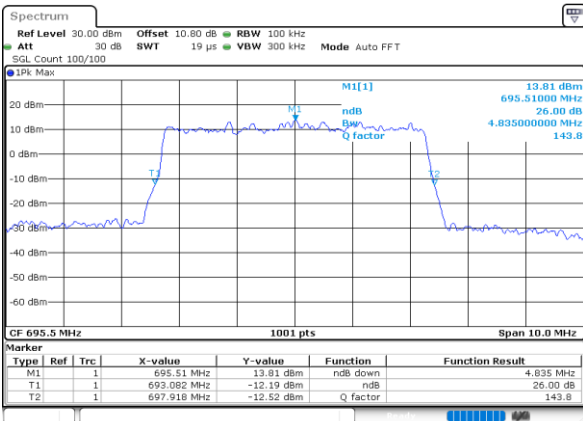
Date: 27\_SEP.2020 13:45:00

Middle Channel / 10MHz / 64QAM



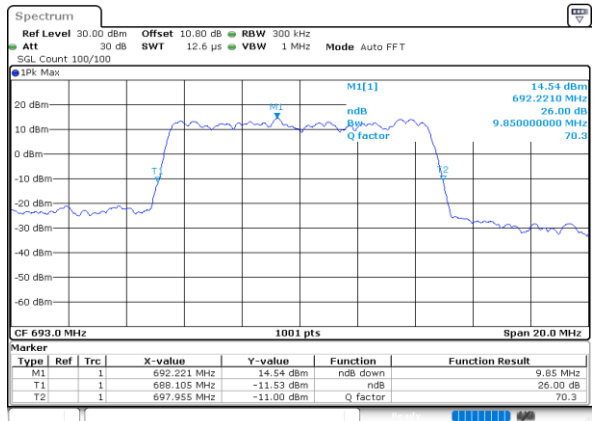
Date: 27\_SEP.2020 13:59:03

Highest Channel / 5MHz / 64QAM



Date: 27\_SEP.2020 13:45:47

Highest Channel / 10MHz / 64QAM



Date: 27\_SEP.2020 13:59:50