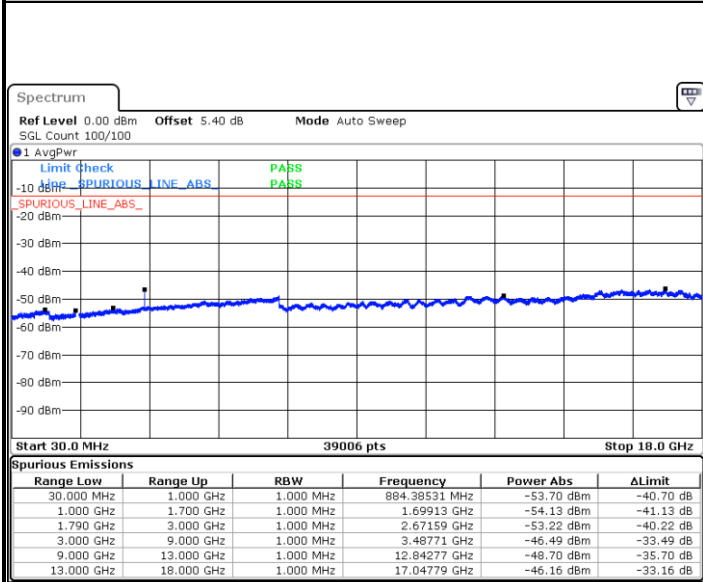




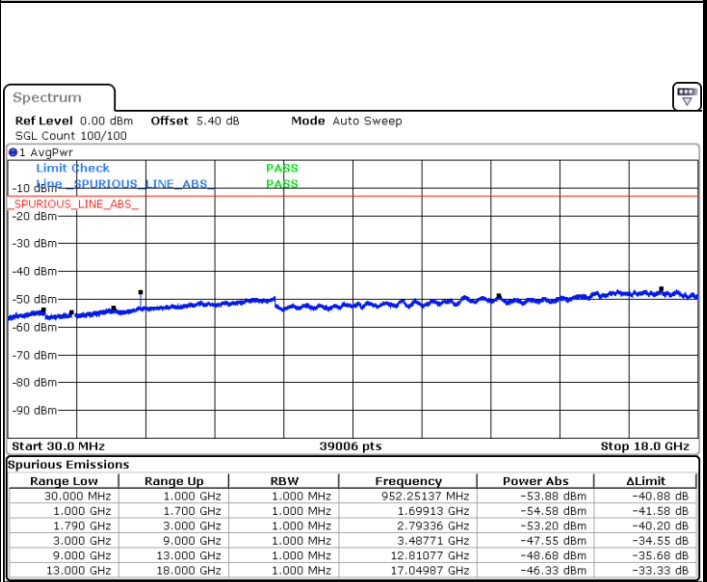
LTE Band 66 / 3MHz

Middle Channel / QPSK



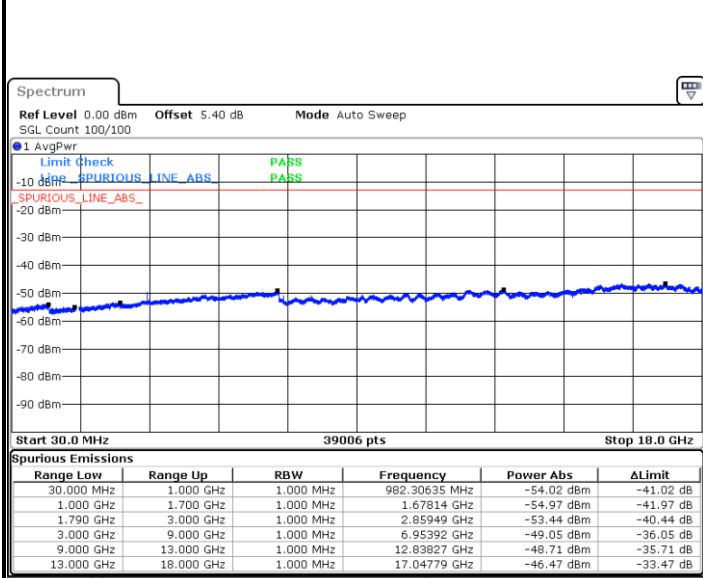
Date: 8 JUN 2020 22:50:55

Middle Channel / 16QAM



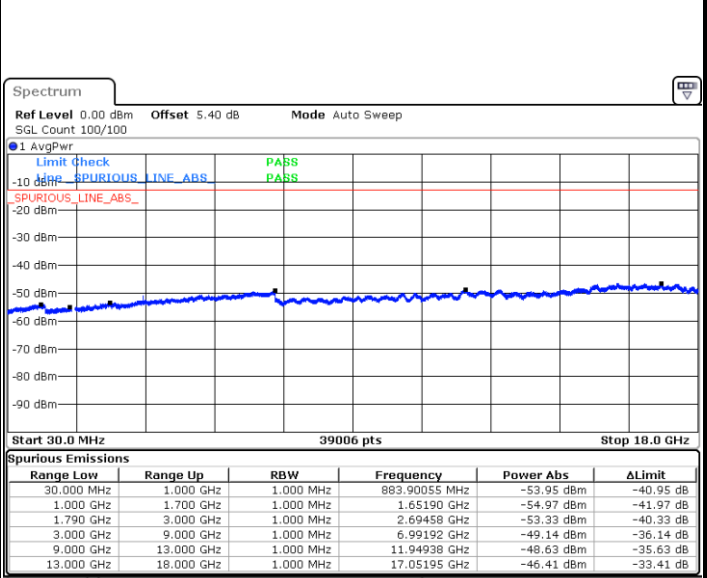
Date: 8 JUN 2020 22:51:44

Highest Channel / QPSK



Date: 8 JUN 2020 22:58:39

Highest Channel / 16QAM



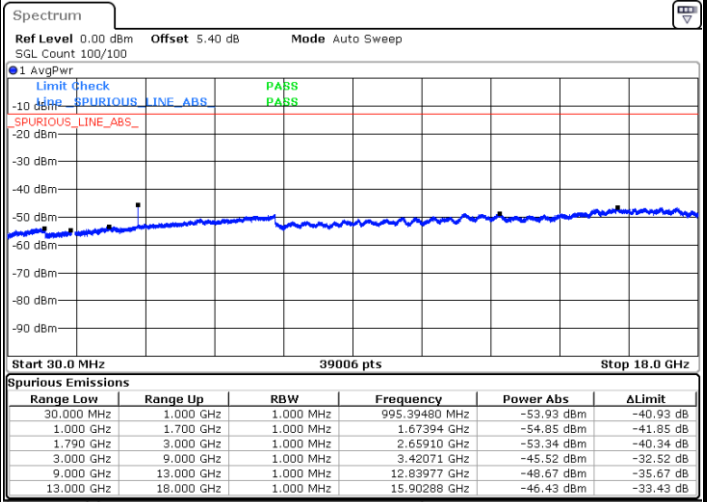
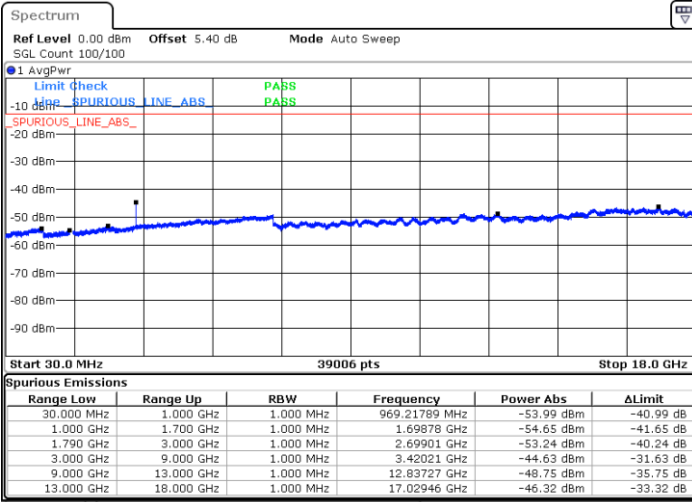
Date: 8 JUN 2020 22:59:28



LTE Band 66 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

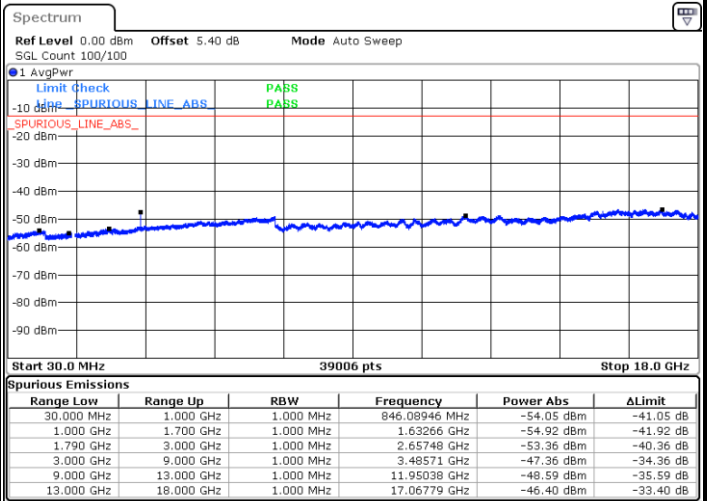
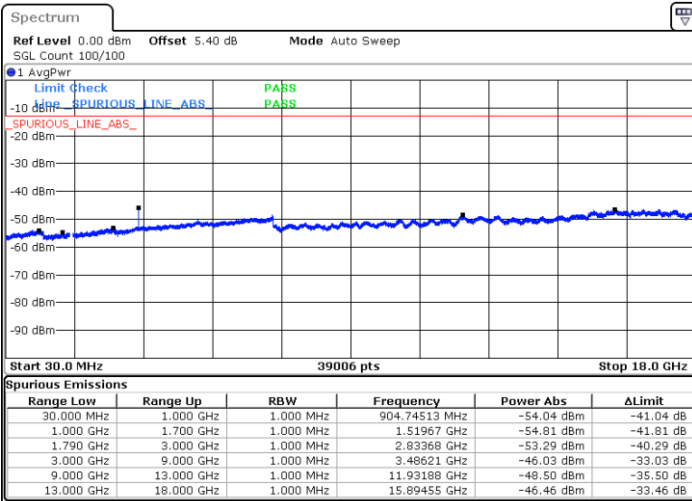


Date: 8 JUN 2020 23:15:45

Date: 8 JUN 2020 23:14:28

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JUN 2020 23:17:20

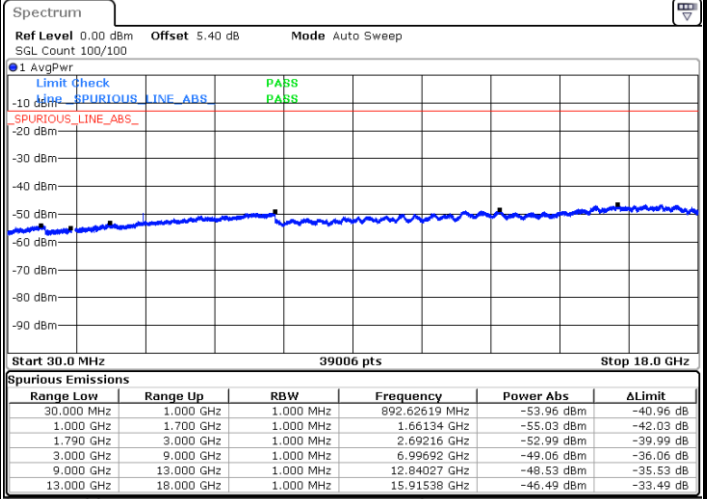
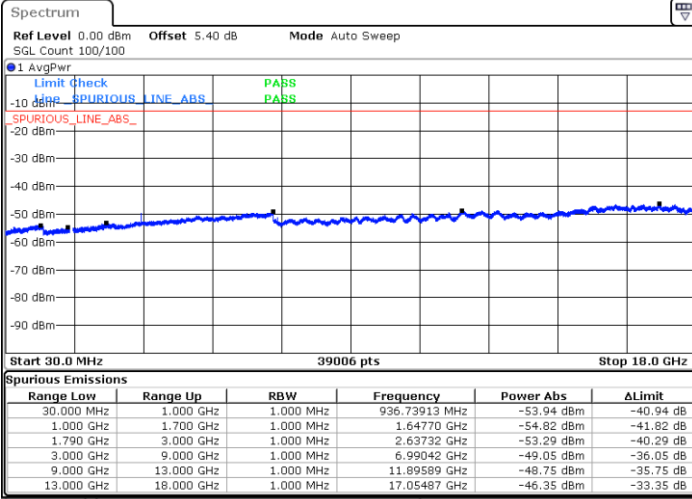
Date: 8 JUN 2020 23:18:07



LTE Band 66 / 5MHz

Highest Channel / QPSK

Highest Channel / 16QAM



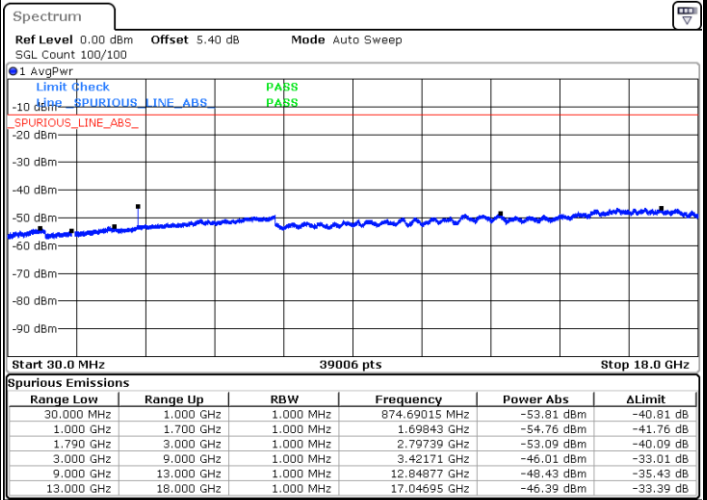
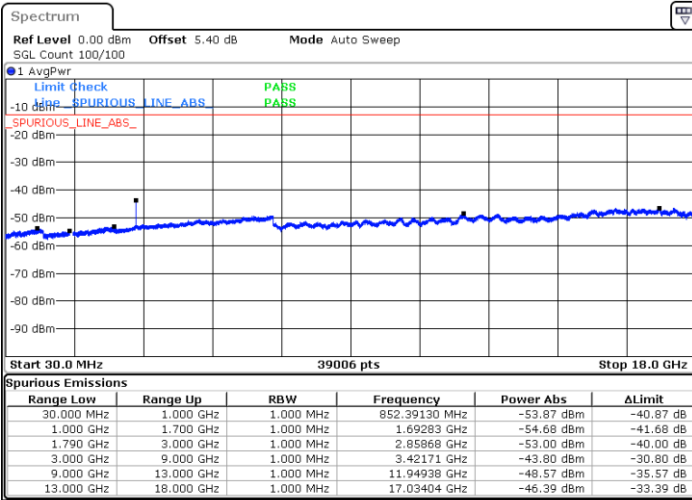
Date: 8 JUN 2020 23:24:42

Date: 8 JUN 2020 23:23:57

LTE Band 66 / 10MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 8 JUN 2020 23:32:09

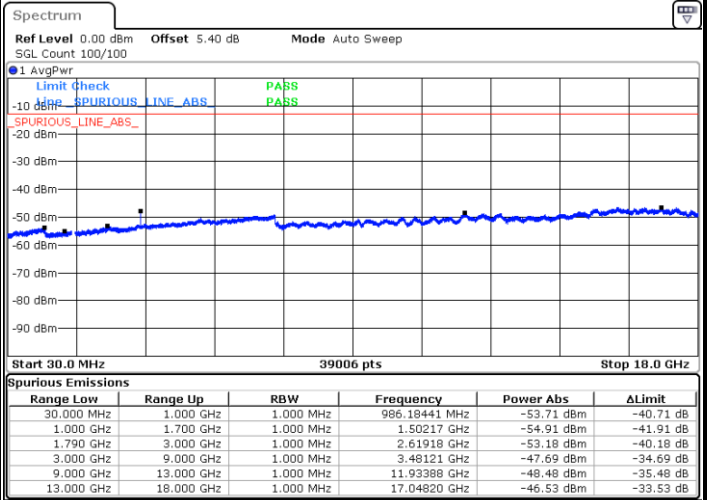
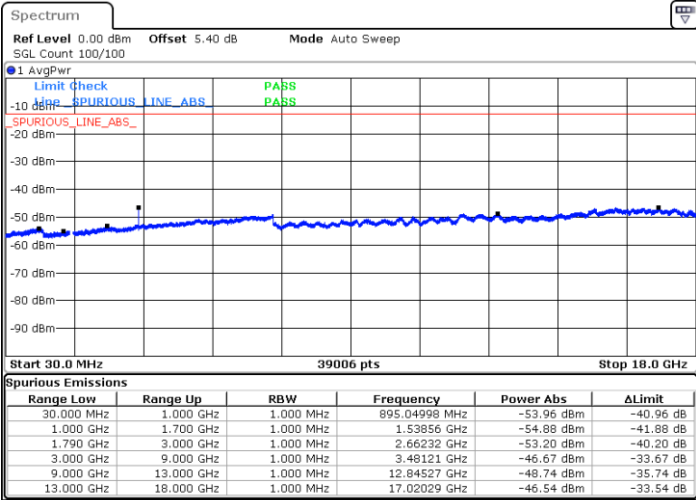
Date: 8 JUN 2020 23:31:15



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

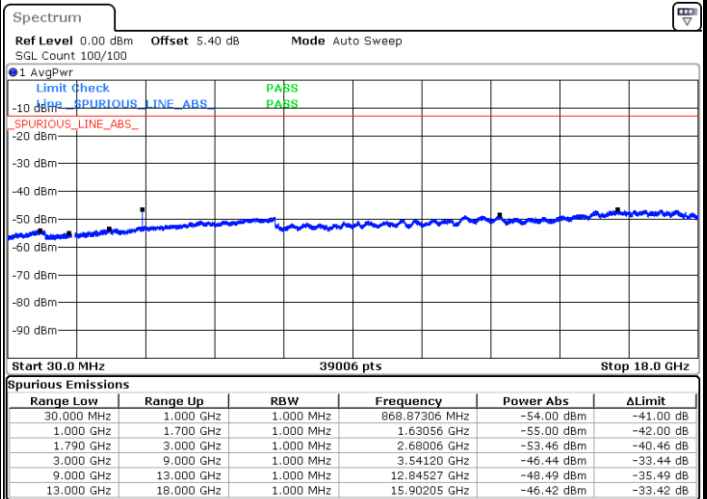
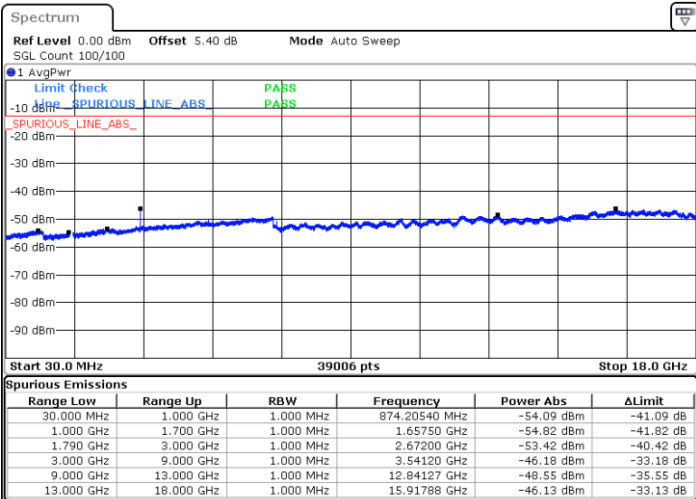


Date: 8 JUN 2020 23:34:04

Date: 8 JUN 2020 23:34:51

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8 JUN 2020 23:41:18

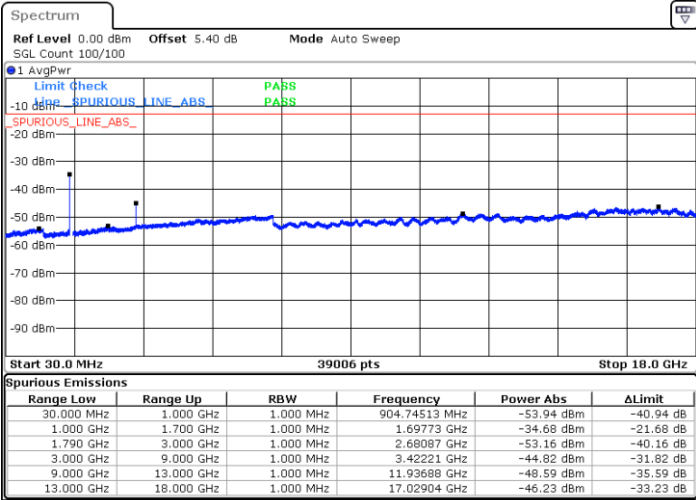
Date: 8 JUN 2020 23:40:33



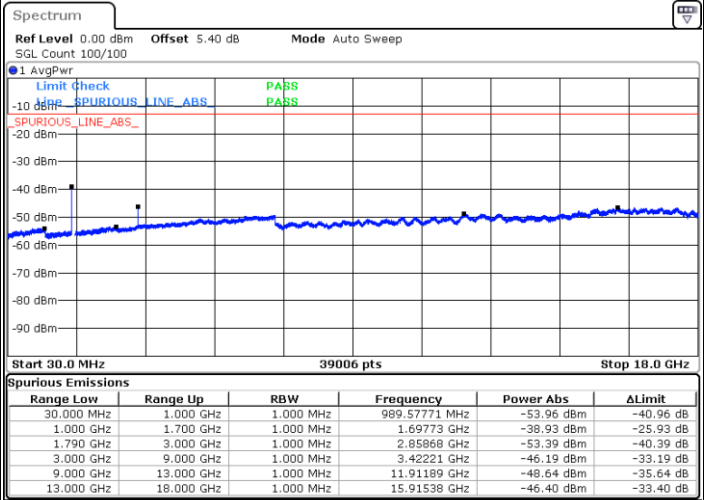
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



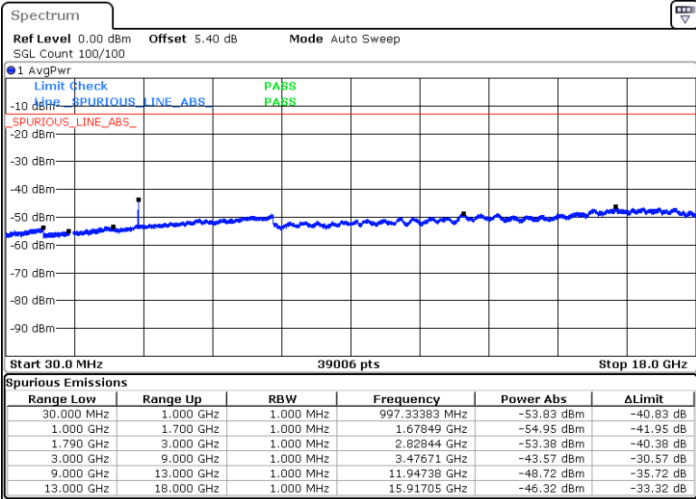
Date: 8 JUN 2020 23:48:25



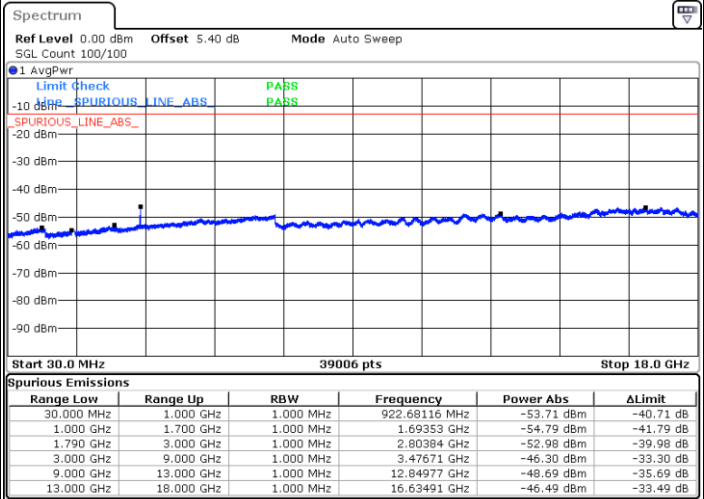
Date: 8 JUN 2020 23:47:19

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 8 JUN 2020 23:49:20

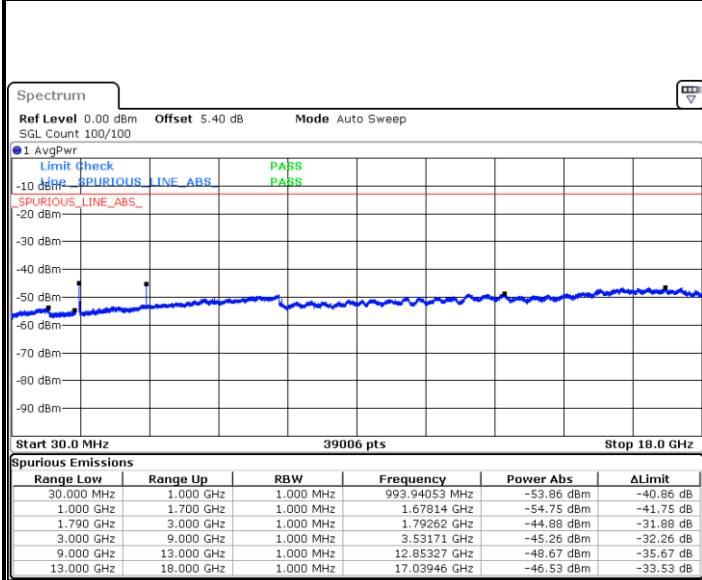


Date: 8 JUN 2020 23:50:09



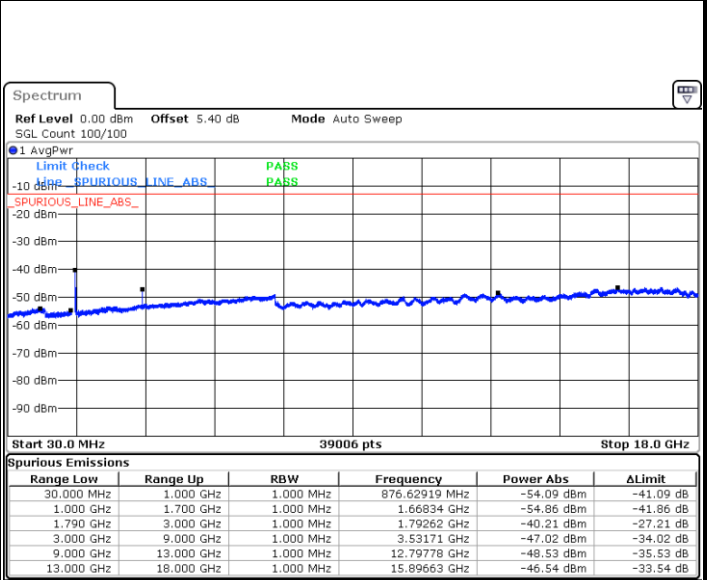
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 8 JUN 2020 23:56:25

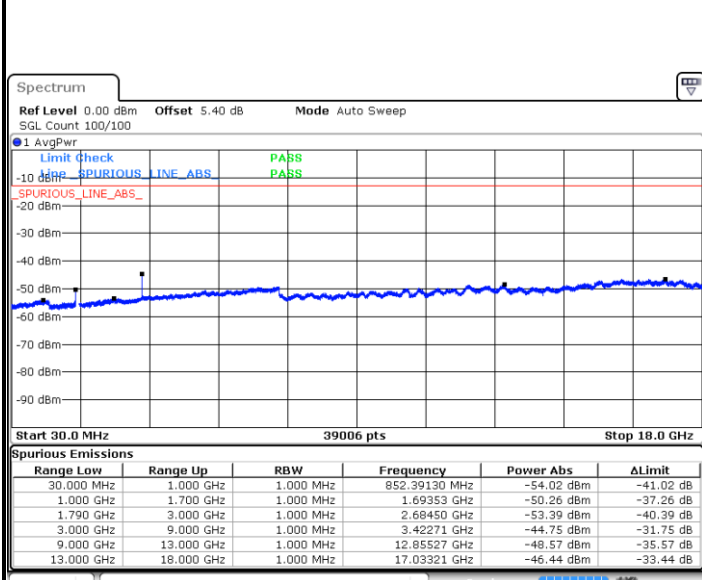
Highest Channel / 16QAM



Date: 8 JUN 2020 23:55:42

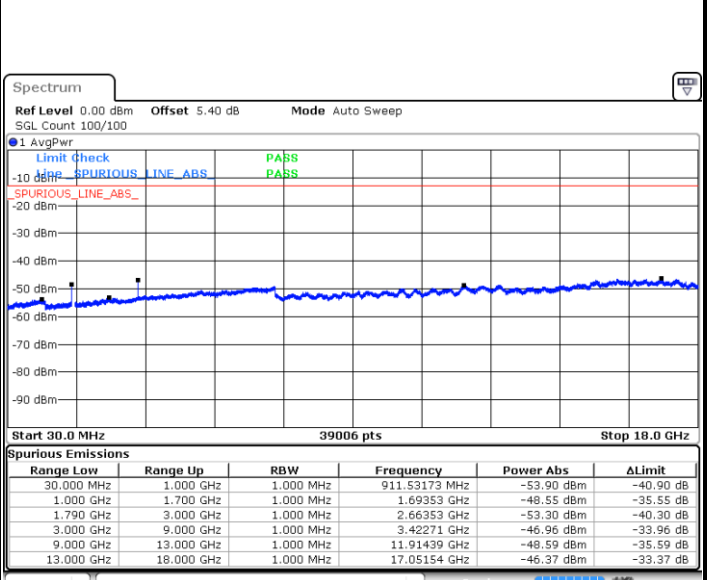
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 9 JUN 2020 00:04:44

Lowest Channel / 16QAM



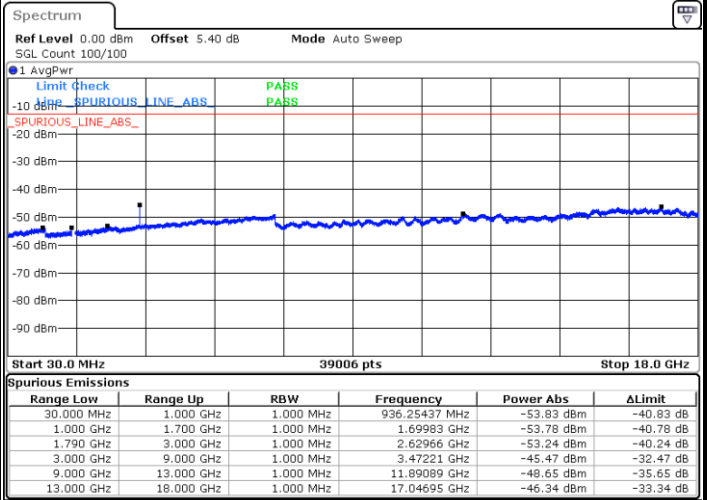
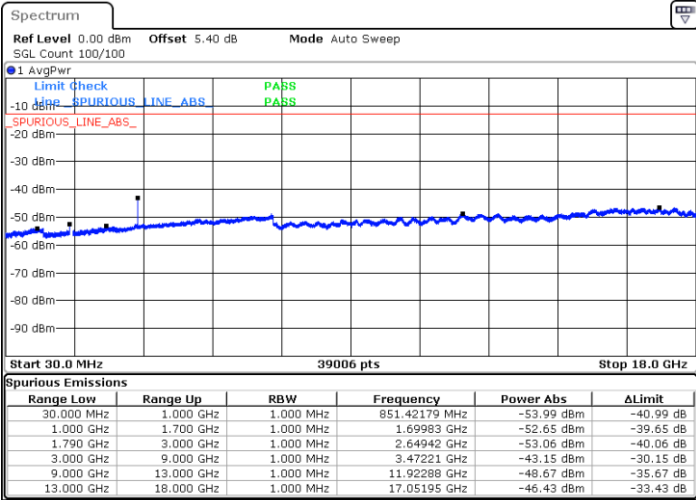
Date: 9 JUN 2020 00:03:31



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

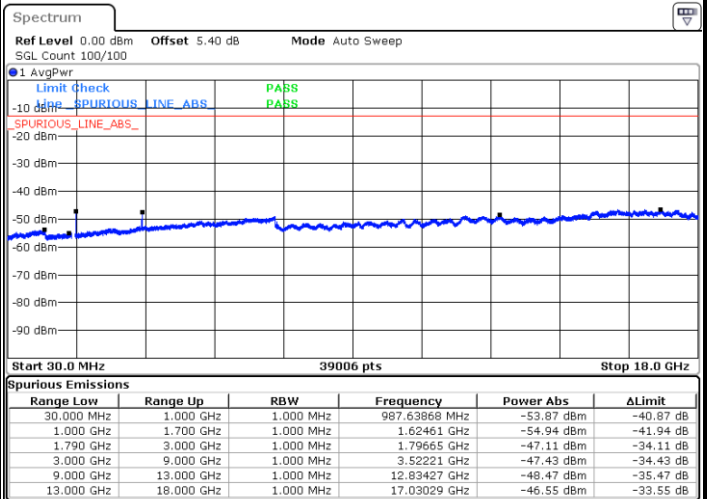
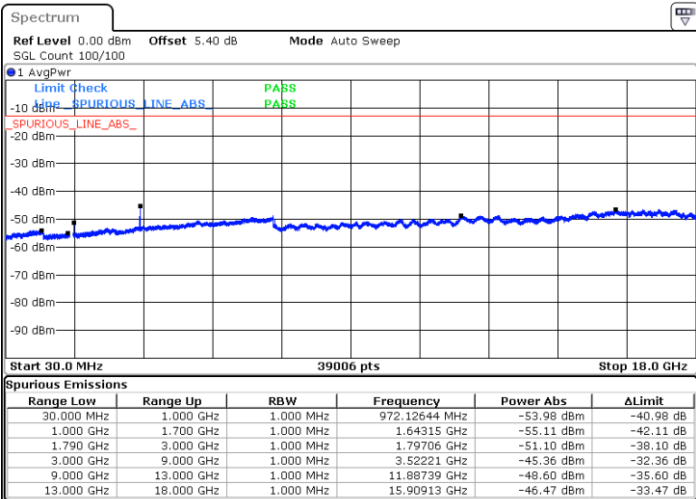


Date: 9 JUN 2020 00:05:52

Date: 9 JUN 2020 00:06:45

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9 JUN 2020 00:17:20

Date: 9 JUN 2020 00:16:18



Frequency Stability

Test Conditions		LTE Band 66 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
60	Normal Voltage	0.0006	PASS
50	Normal Voltage	0.0051	
40	Normal Voltage	0.0008	
30	Normal Voltage	0.0075	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0075	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0013	
-20	Normal Voltage	0.0058	
-30	Normal Voltage	0.0052	
20	Maximum Voltage	0.0019	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0088	

Note:

1. Normal Voltage =5 V. ; Battery End Point (BEP) =4.5 V. ; Maximum Voltage =5.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.





# LTE Band 71

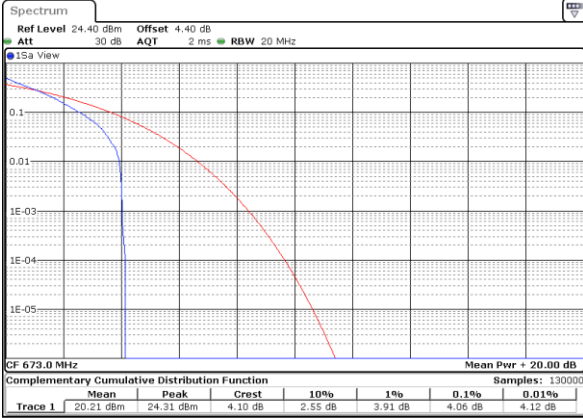
## Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	4.87	4.96	5.80	PASS
Middle CH	3.94	4.52	4.70	5.62	
Highest CH	4.38	4.90	5.19	5.74	



LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



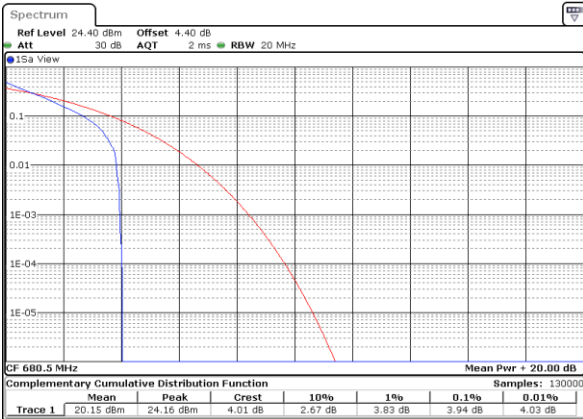
Date: 9 JUN 2020 17:34:17

Lowest Channel / Full RB



Date: 9 JUN 2020 17:36:01

Middle Channel / 1RB



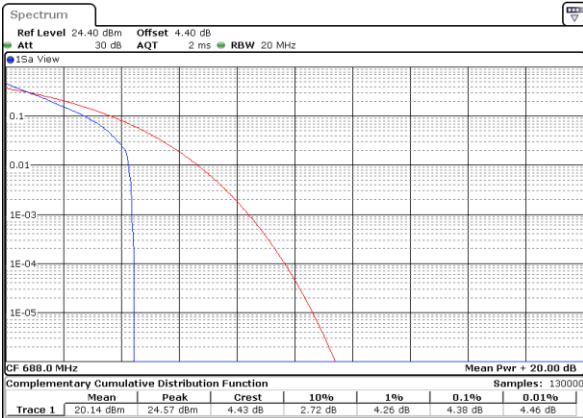
Date: 9 JUN 2020 17:38:08

Middle Channel / Full RB



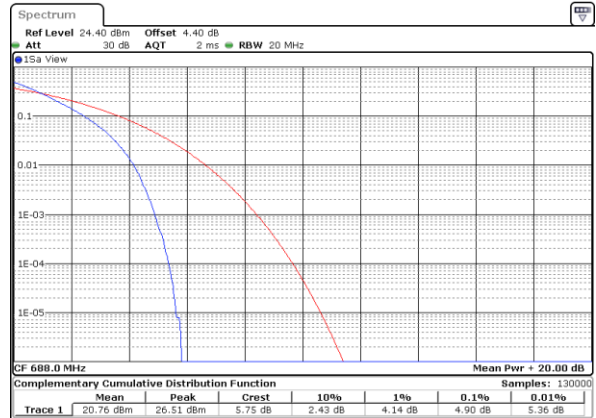
Date: 9 JUN 2020 17:36:49

Highest Channel / 1RB



Date: 9 JUN 2020 17:32:57

Highest Channel / Full RB

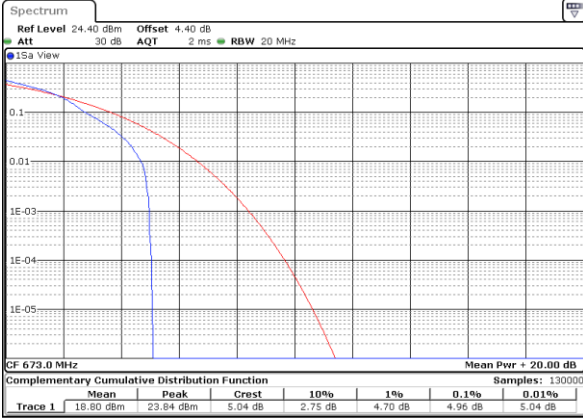


Date: 9 JUN 2020 17:31:57



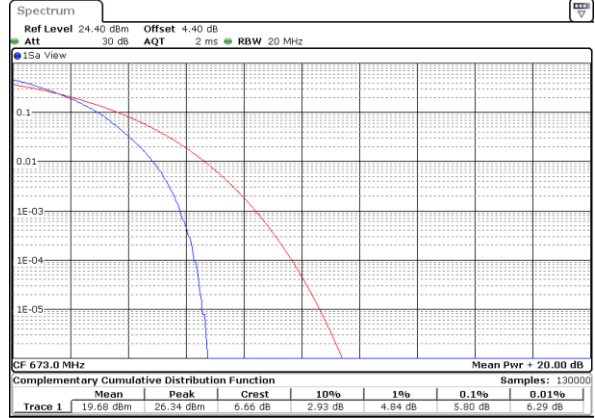
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



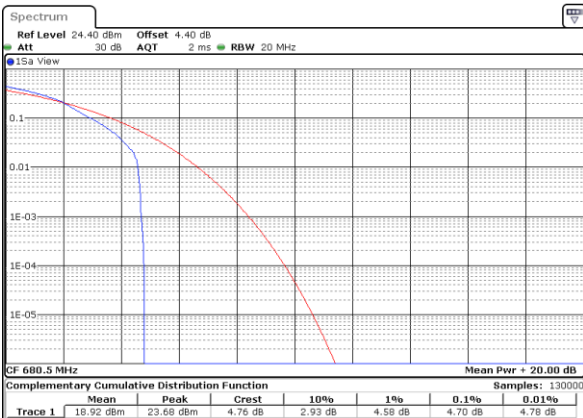
Date: 9 JUN 2020 17:34:38

Lowest Channel / Full RB



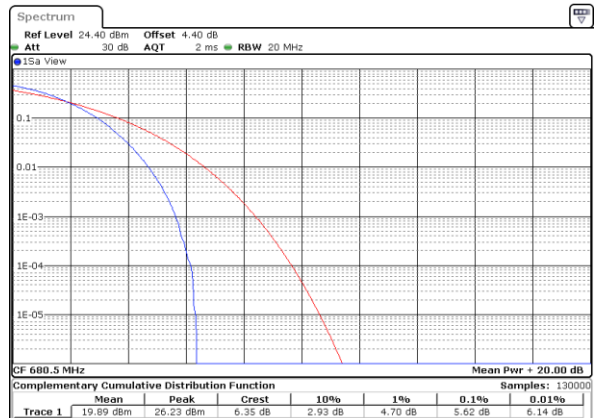
Date: 9 JUN 2020 17:35:42

Middle Channel / 1RB



Date: 9 JUN 2020 17:38:26

Middle Channel / Full RB



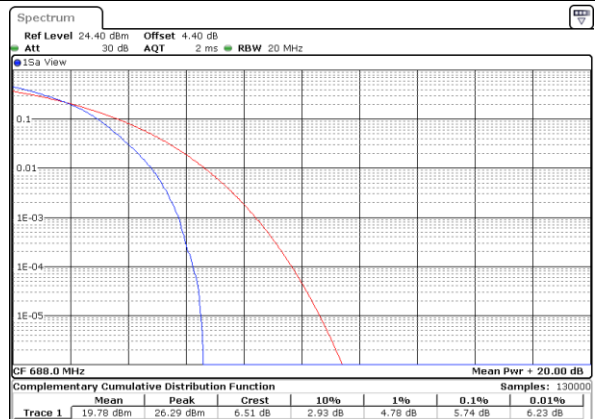
Date: 9 JUN 2020 17:37:11

Highest Channel / 1RB



Date: 9 JUN 2020 17:33:27

Highest Channel / Full RB



Date: 9 JUN 2020 17:32:16



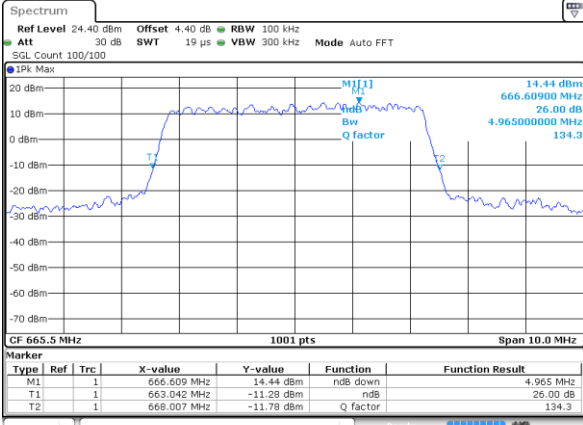
**26dB Bandwidth**

Mode	LTE Band 71 : 26dB BW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.97	4.94	9.65	9.79	14.45	14.54	18.78	18.82
Middle CH	4.96	4.89	9.73	9.73	14.39	14.24	19.02	18.82
Highest CH	4.86	4.89	9.89	9.69	14.48	14.24	18.98	18.70



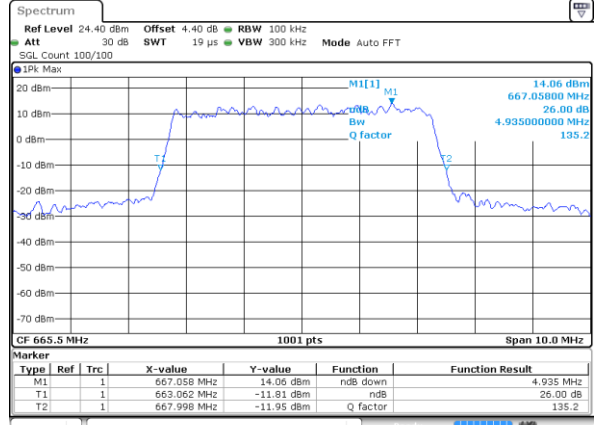
LTE Band 71

Lowest Channel / 5MHz / QPSK



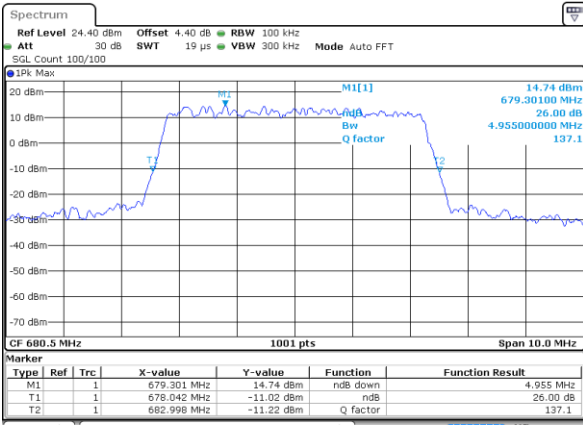
Date: 9 JUN 2020 13:07:29

Lowest Channel / 5MHz / 16QAM



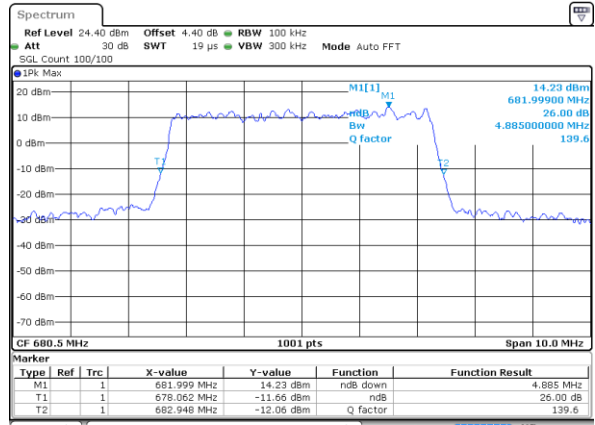
Date: 9 JUN 2020 13:07:51

Middle Channel / 5MHz / QPSK



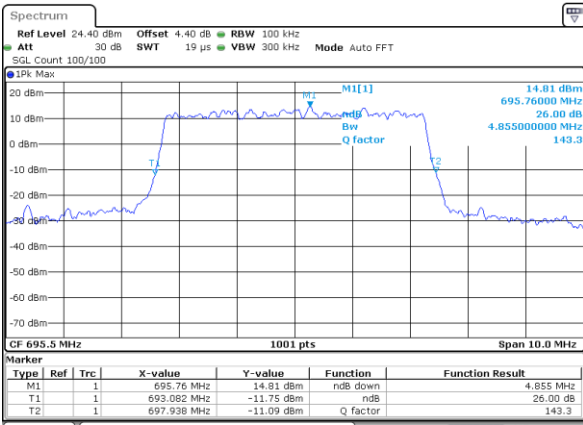
Date: 9 JUN 2020 13:09:36

Middle Channel / 5MHz / 16QAM



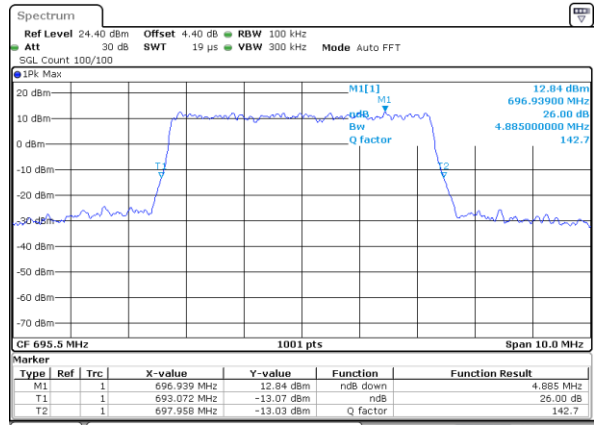
Date: 9 JUN 2020 13:09:57

Highest Channel / 5MHz / QPSK



Date: 9 JUN 2020 13:11:02

Highest Channel / 5MHz / 16QAM

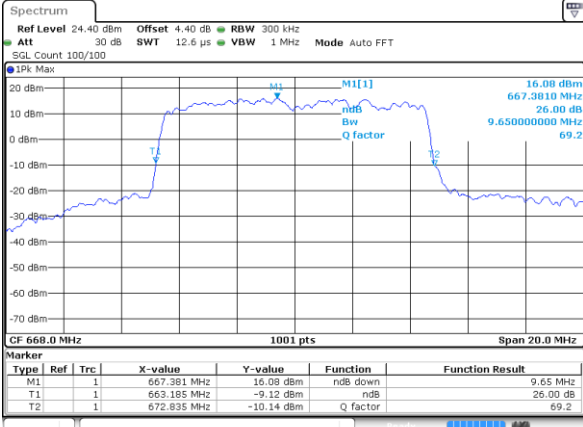


Date: 9 JUN 2020 13:11:23



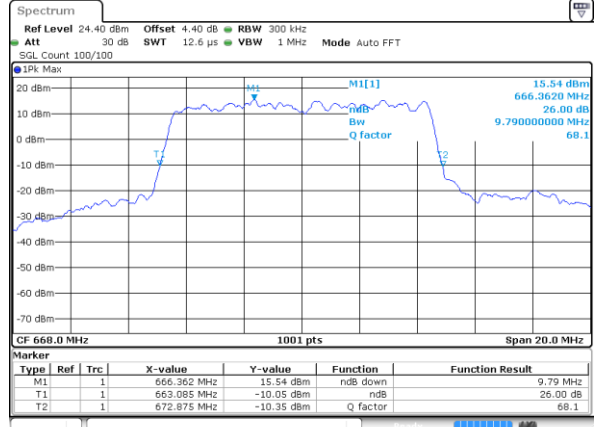
LTE Band 71

Lowest Channel / 10MHz / QPSK



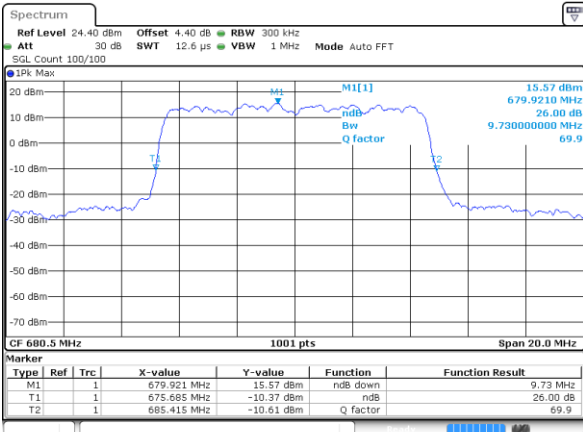
Date: 9 JUN 2020 14:22:41

Lowest Channel / 10MHz / 16QAM



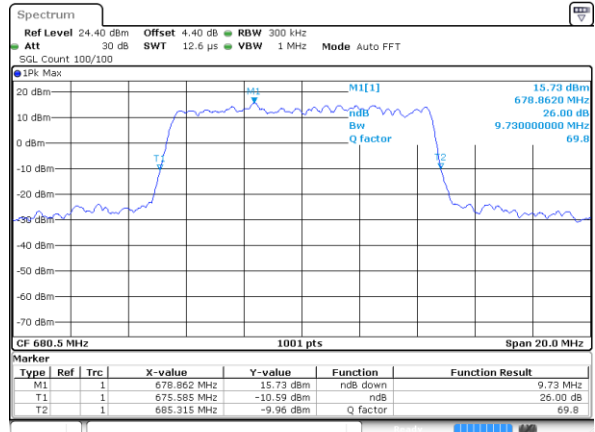
Date: 9 JUN 2020 14:23:11

Middle Channel / 10MHz / QPSK



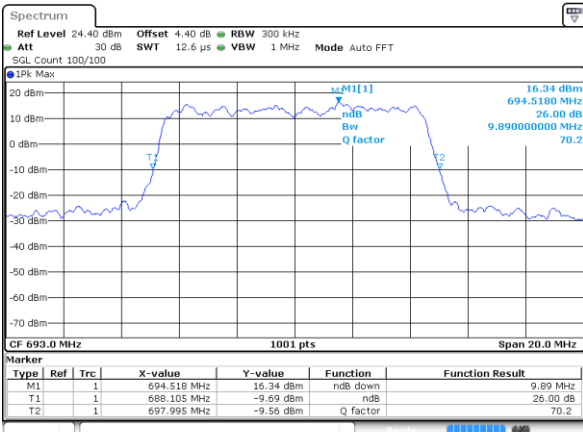
Date: 9 JUN 2020 14:24:30

Middle Channel / 10MHz / 16QAM



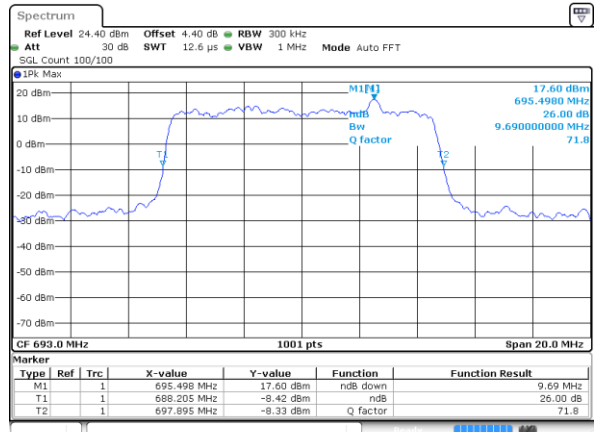
Date: 9 JUN 2020 14:24:58

Highest Channel / 10MHz / QPSK



Date: 9 JUN 2020 14:27:12

Highest Channel / 10MHz / 16QAM

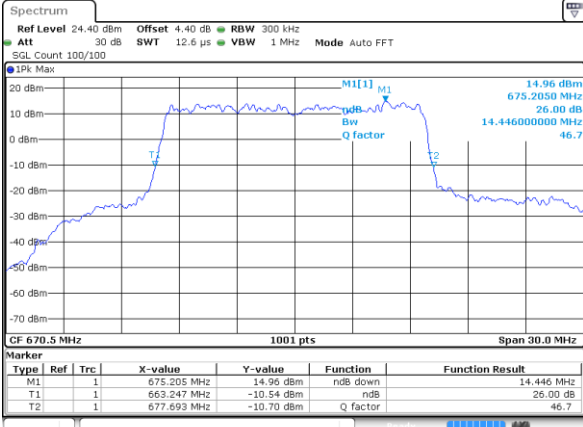


Date: 9 JUN 2020 14:27:49



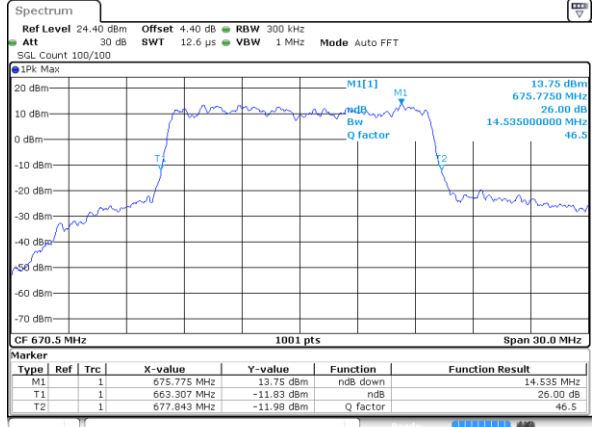
LTE Band 71

Lowest Channel / 15MHz / QPSK



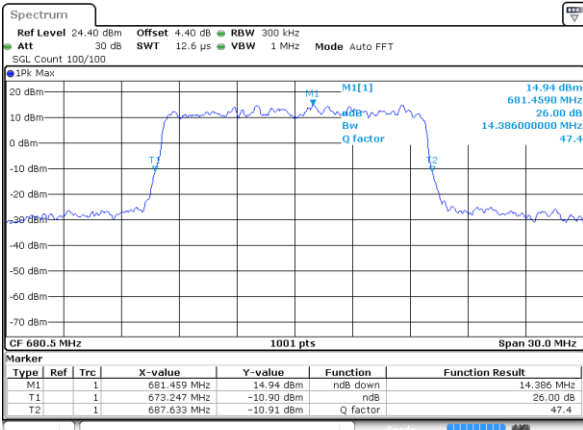
Date: 9 JUN 2020 14:31:49

Lowest Channel / 15MHz / 16QAM



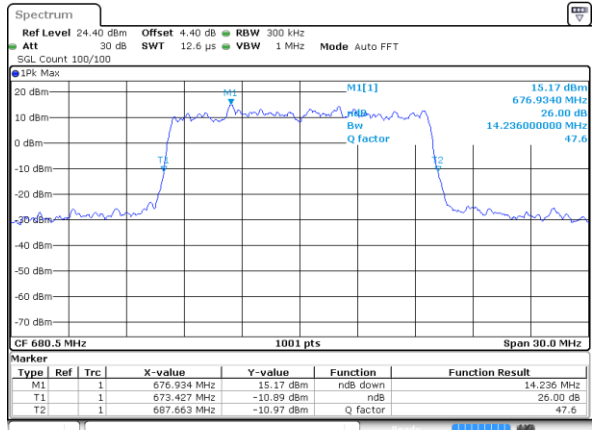
Date: 9 JUN 2020 14:32:22

Middle Channel / 15MHz / QPSK



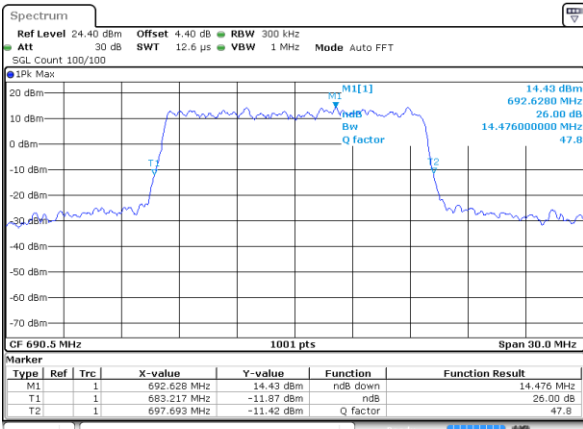
Date: 9 JUN 2020 14:29:57

Middle Channel / 15MHz / 16QAM



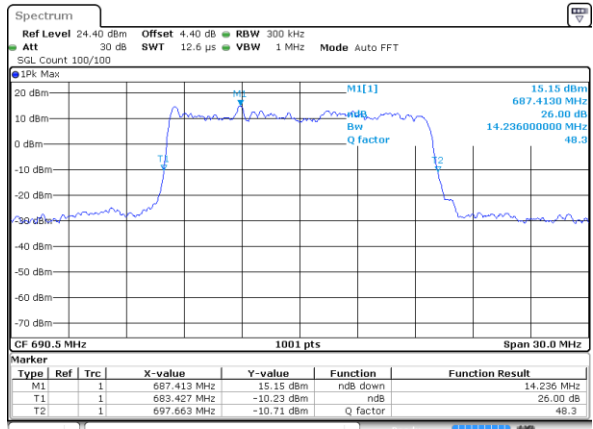
Date: 9 JUN 2020 14:30:29

Highest Channel / 15MHz / QPSK



Date: 9 JUN 2020 14:33:52

Highest Channel / 15MHz / 16QAM

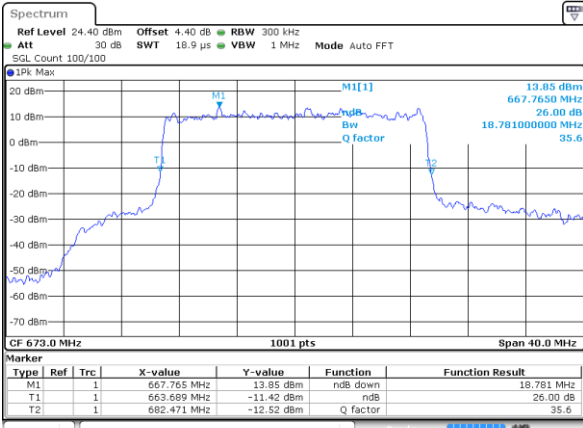


Date: 9 JUN 2020 14:34:24



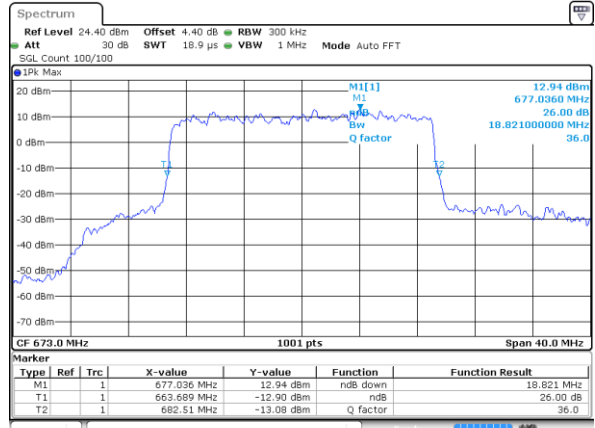
LTE Band 71

Lowest Channel / 20MHz / QPSK



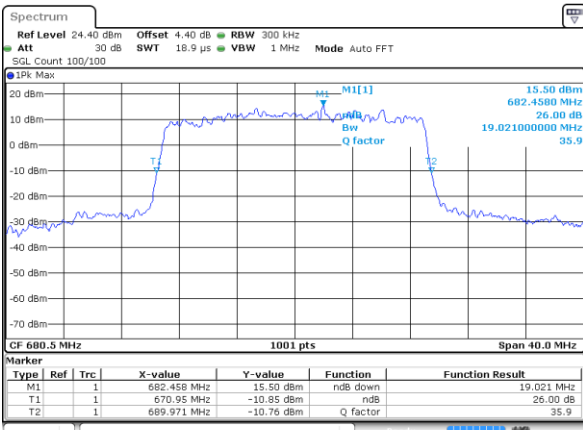
Date: 9 JUN 2020 14:47:39

Lowest Channel / 20MHz / 16QAM



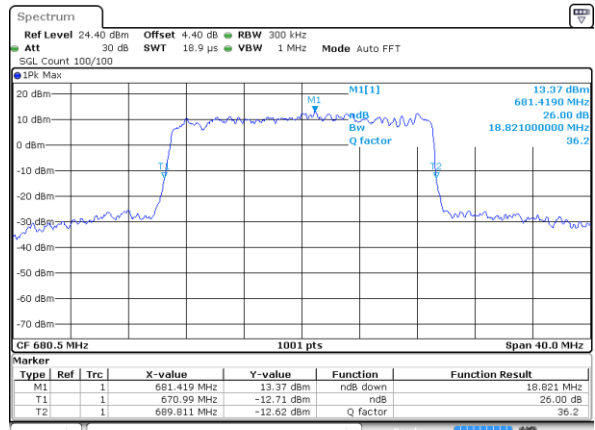
Date: 9 JUN 2020 14:46:39

Middle Channel / 20MHz / QPSK



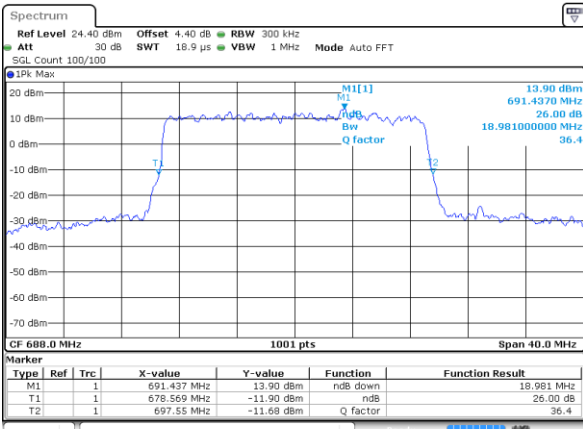
Date: 9 JUN 2020 14:36:38

Middle Channel / 20MHz / 16QAM



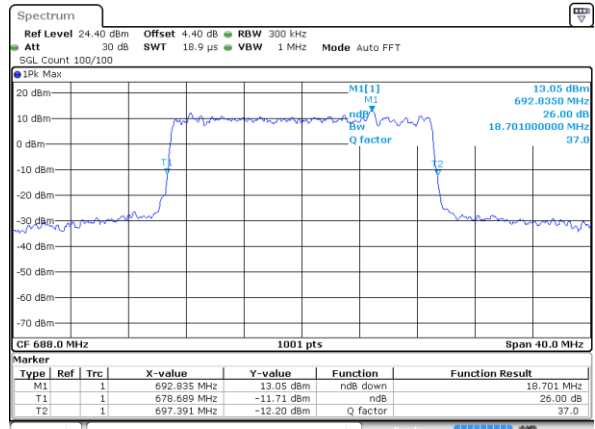
Date: 9 JUN 2020 14:37:22

Highest Channel / 20MHz / QPSK



Date: 9 JUN 2020 14:48:32

Highest Channel / 20MHz / 16QAM



Date: 9 JUN 2020 14:48:06





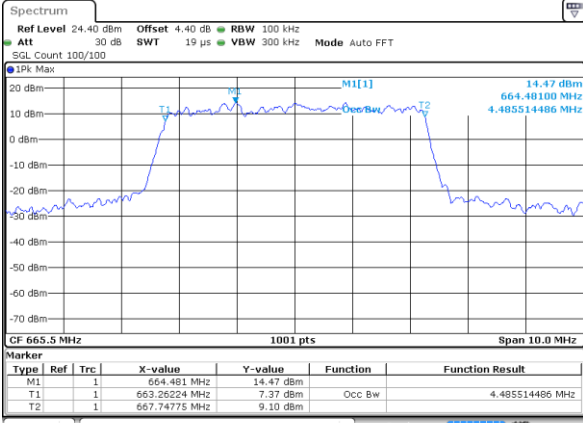
### Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
BW								
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.49	4.50	8.93	8.95	13.43	13.37	17.86	17.74
Middle CH	4.47	4.50	9.05	8.93	13.43	13.40	17.86	17.78
Highest CH	4.49	4.49	9.07	8.97	13.49	13.46	17.90	17.86



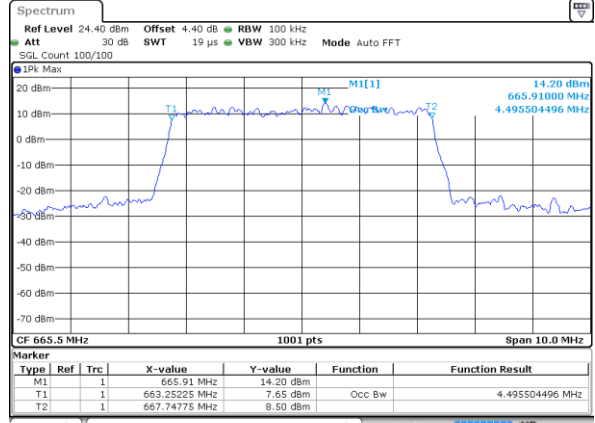
LTE Band 71

Lowest Channel / 5MHz / QPSK



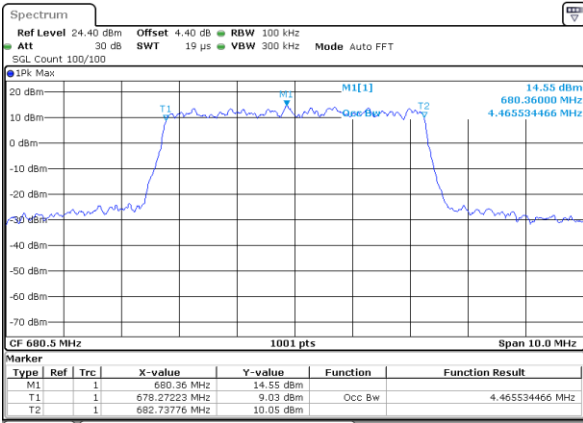
Date: 9 JUN 2020 13:07:21

Lowest Channel / 5MHz / 16QAM



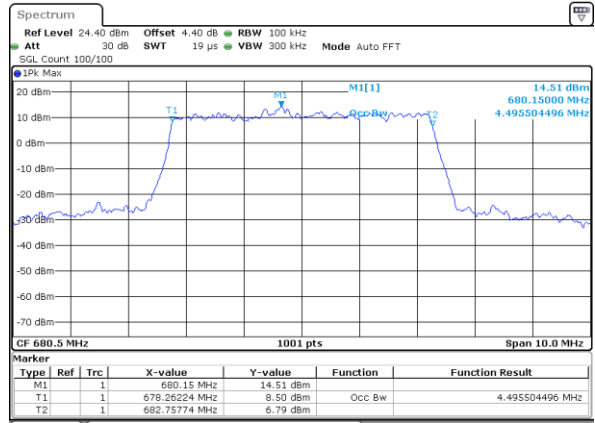
Date: 9 JUN 2020 13:07:45

Middle Channel / 5MHz / QPSK



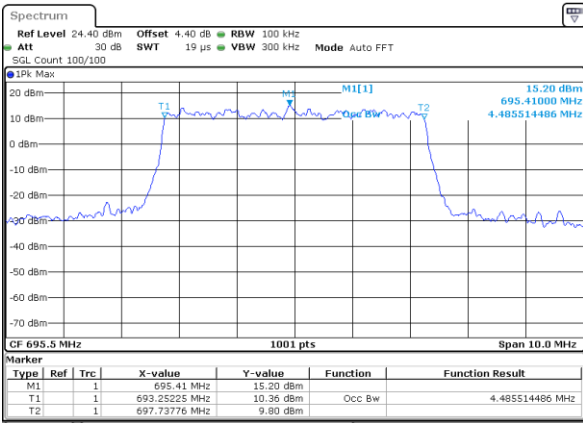
Date: 9 JUN 2020 13:09:29

Middle Channel / 5MHz / 16QAM



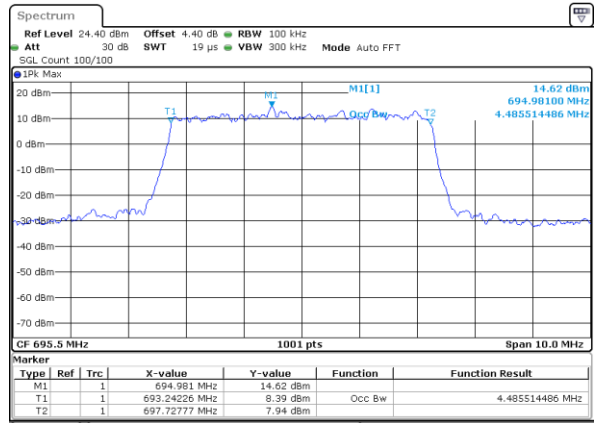
Date: 9 JUN 2020 13:09:50

Highest Channel / 5MHz / QPSK



Date: 9 JUN 2020 13:10:55

Highest Channel / 5MHz / 16QAM

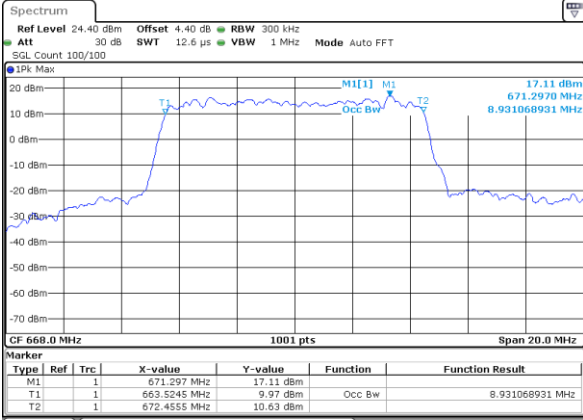


Date: 9 JUN 2020 13:11:16



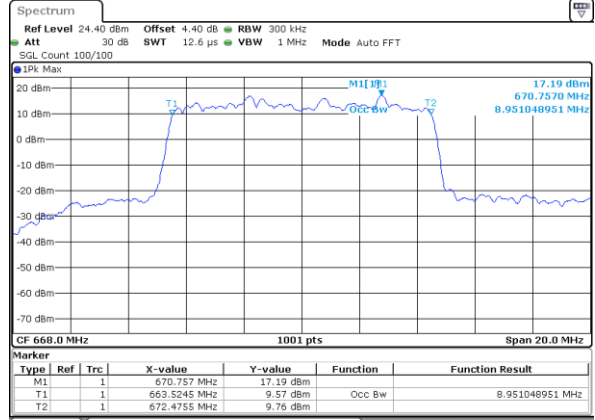
LTE Band 71

Lowest Channel / 10MHz / QPSK



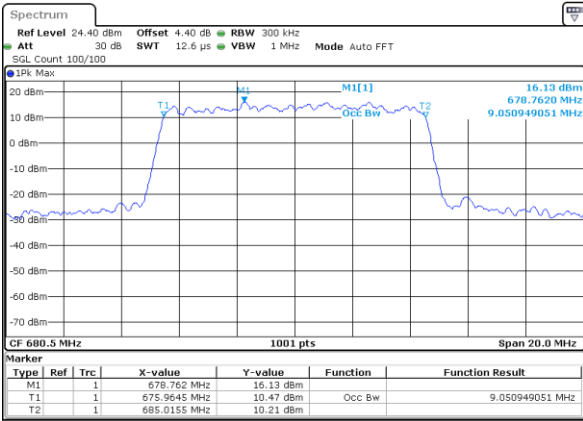
Date: 9 JUN 2020 14:22:31

Lowest Channel / 10MHz / 16QAM



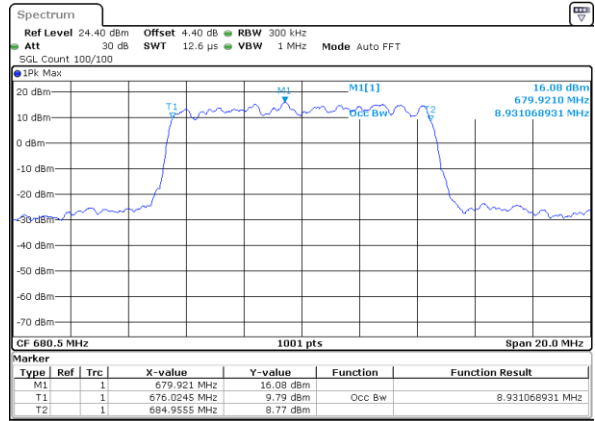
Date: 9 JUN 2020 14:23:02

Middle Channel / 10MHz / QPSK



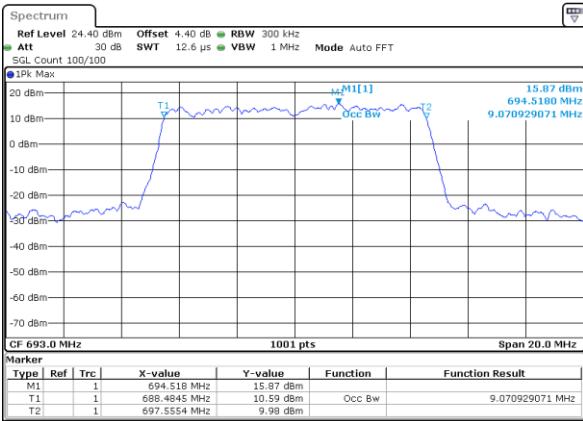
Date: 9 JUN 2020 14:24:19

Middle Channel / 10MHz / 16QAM



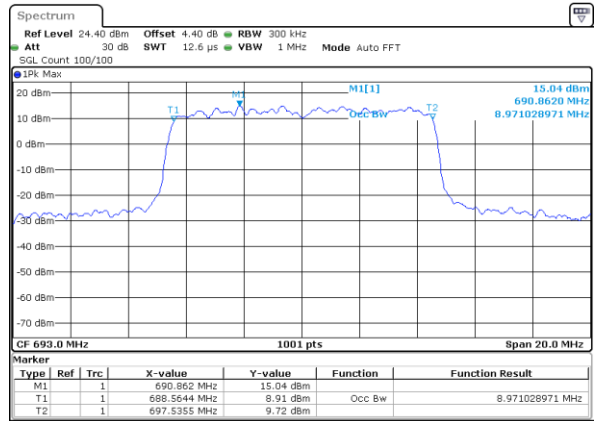
Date: 9 JUN 2020 14:24:47

Highest Channel / 10MHz / QPSK



Date: 9 JUN 2020 14:27:02

Highest Channel / 10MHz / 16QAM

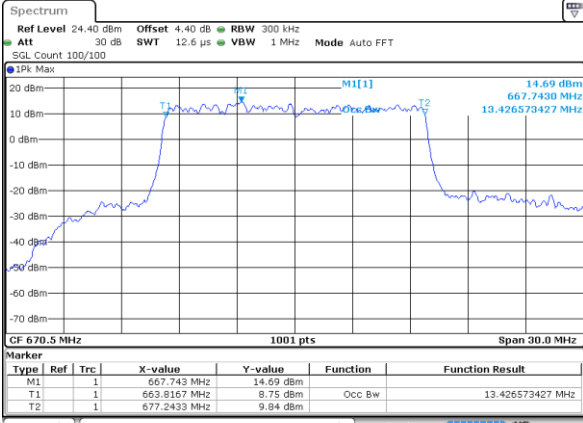


Date: 9 JUN 2020 14:27:37



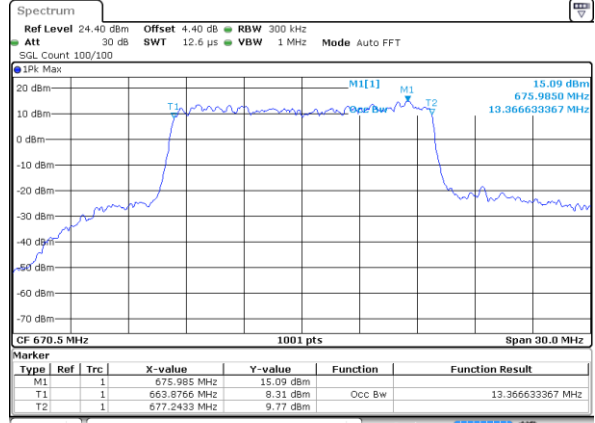
LTE Band 71

Lowest Channel / 15MHz / QPSK



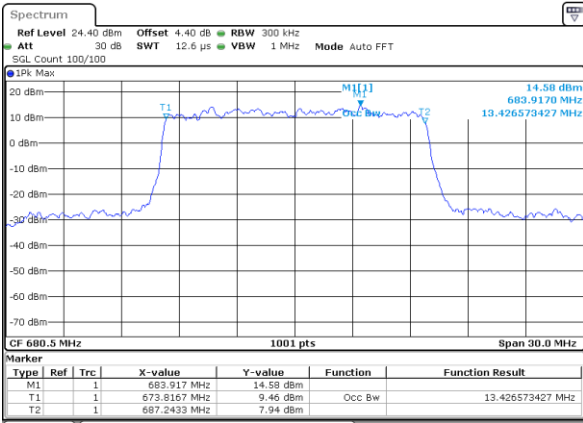
Date: 9 JUN 2020 14:31:39

Lowest Channel / 15MHz / 16QAM



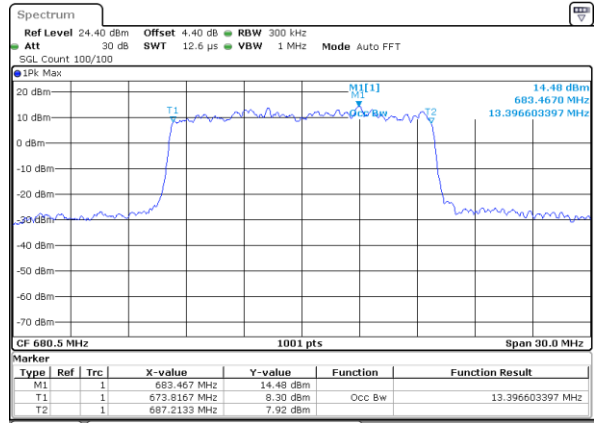
Date: 9 JUN 2020 14:32:09

Middle Channel / 15MHz / QPSK



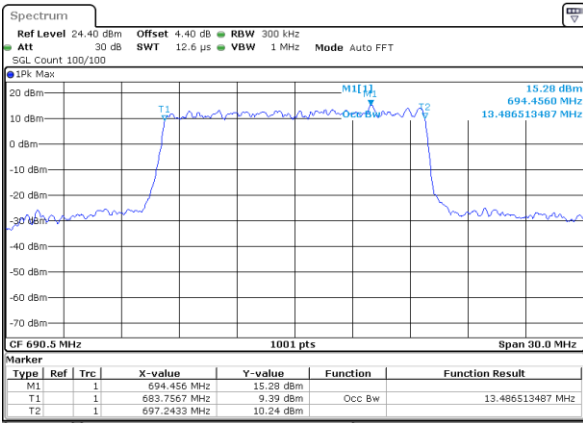
Date: 9 JUN 2020 14:29:46

Middle Channel / 15MHz / 16QAM



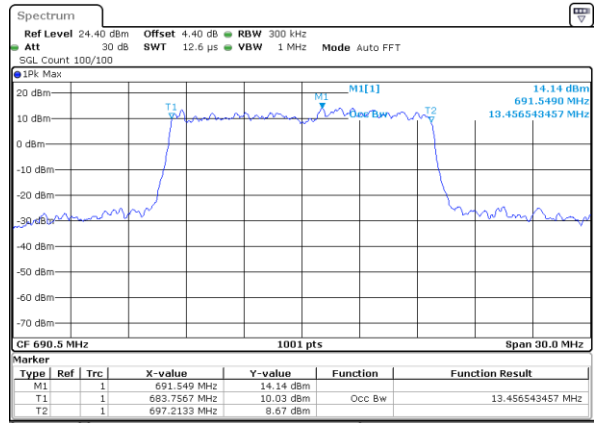
Date: 9 JUN 2020 14:30:18

Highest Channel / 15MHz / QPSK



Date: 9 JUN 2020 14:33:41

Highest Channel / 15MHz / 16QAM

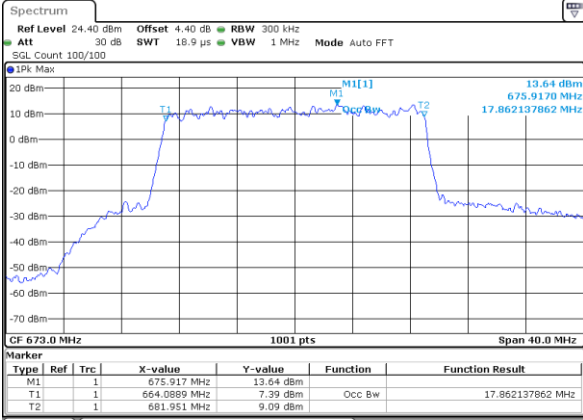


Date: 9 JUN 2020 14:34:12



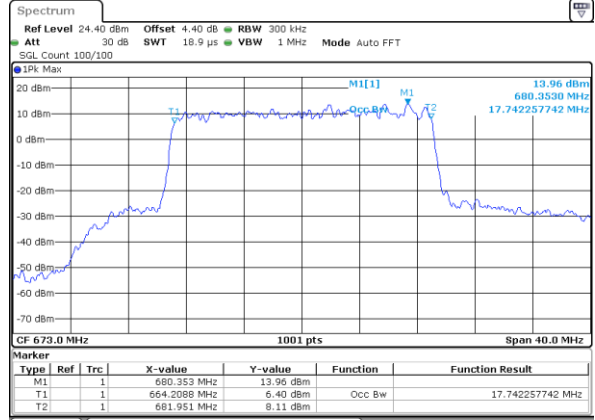
LTE Band 71

Lowest Channel / 20MHz / QPSK



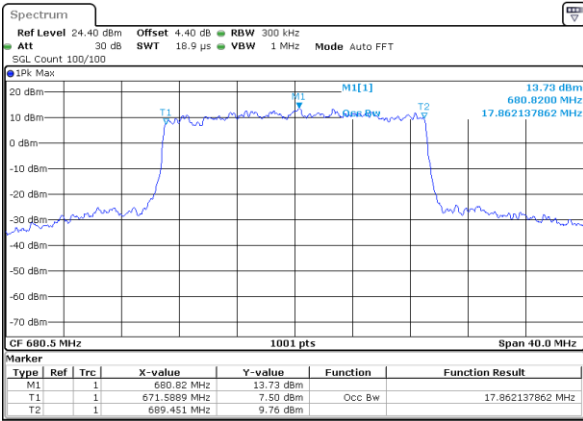
Date: 9 JUN 2020 14:44:51

Lowest Channel / 20MHz / 16QAM



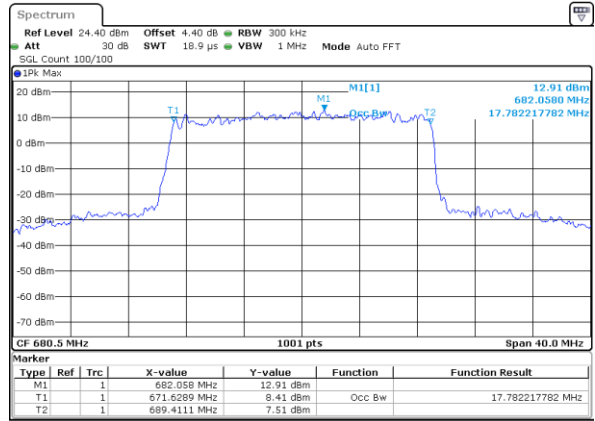
Date: 9 JUN 2020 14:46:29

Middle Channel / 20MHz / QPSK



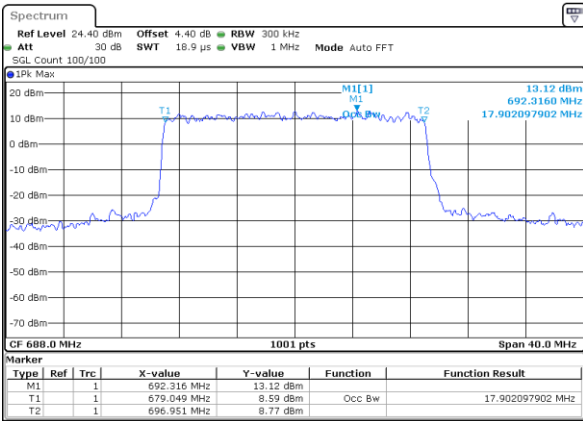
Date: 9 JUN 2020 14:36:26

Middle Channel / 20MHz / 16QAM



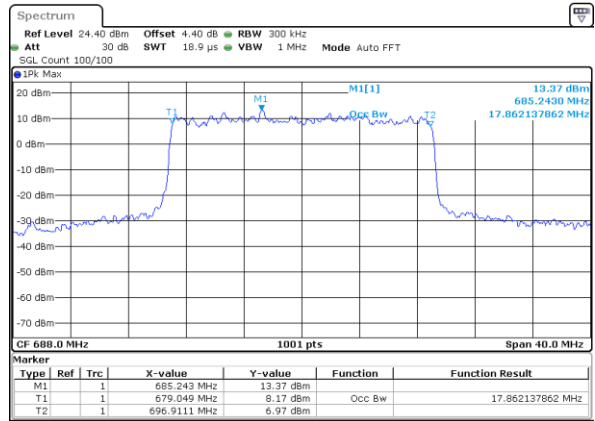
Date: 9 JUN 2020 14:36:56

Highest Channel / 20MHz / QPSK



Date: 9 JUN 2020 14:48:22

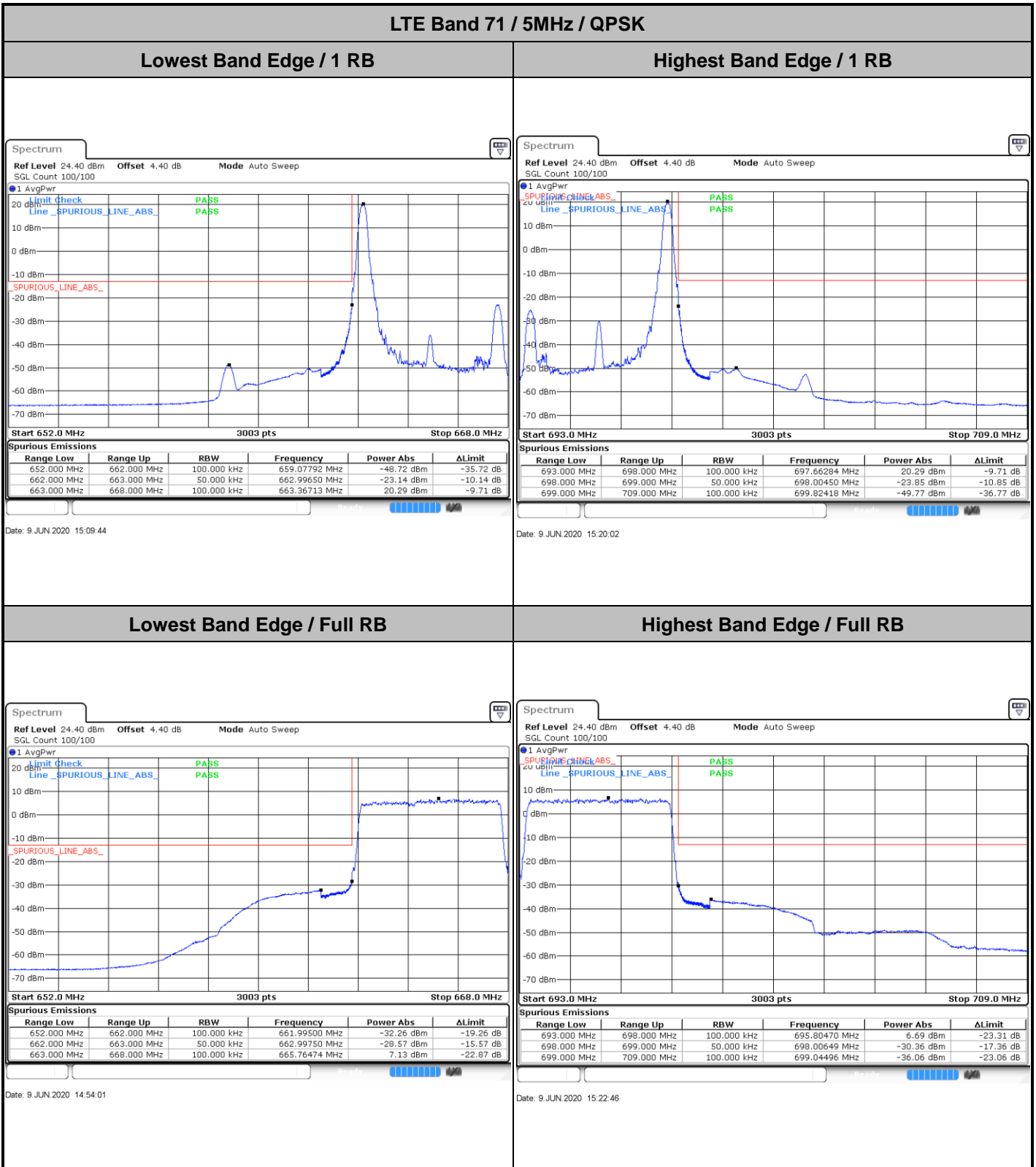
Highest Channel / 20MHz / 16QAM



Date: 9 JUN 2020 14:48:56



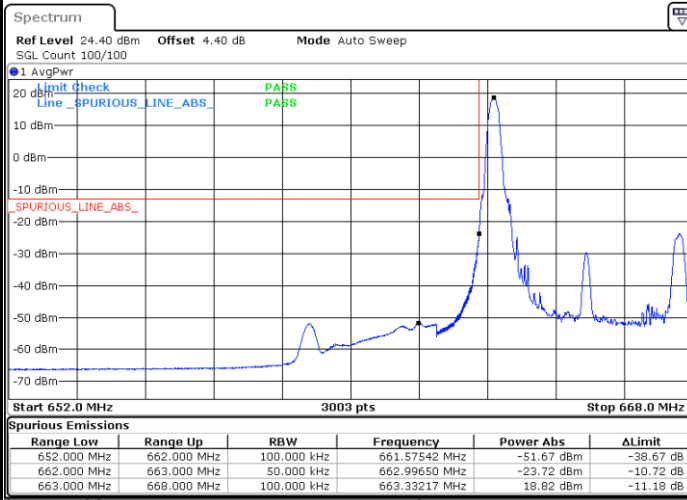
# Conducted Band Edge





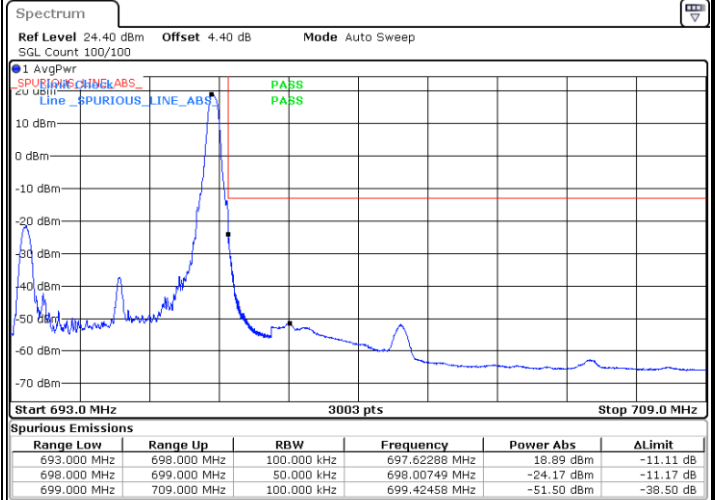
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



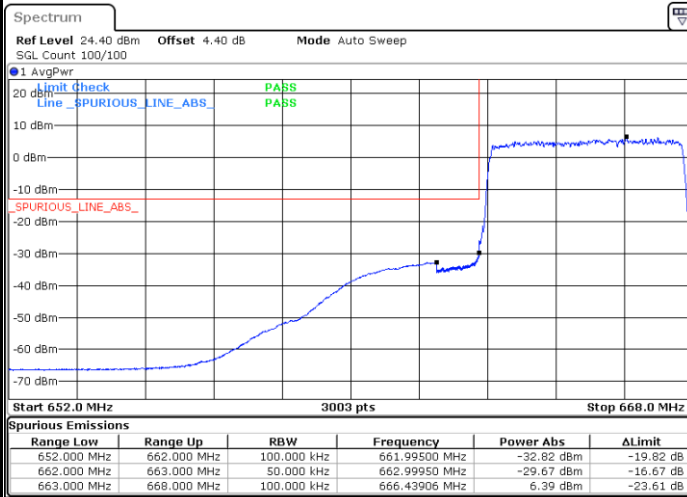
Date: 9 JUN 2020 15:11:57

Highest Band Edge / 1 RB



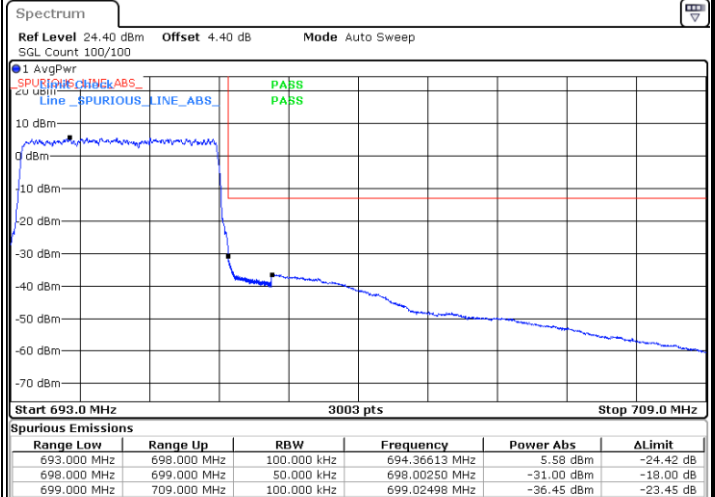
Date: 9 JUN 2020 15:20:52

Lowest Band Edge / Full RB



Date: 9 JUN 2020 14:54:55

Highest Band Edge / Full RB

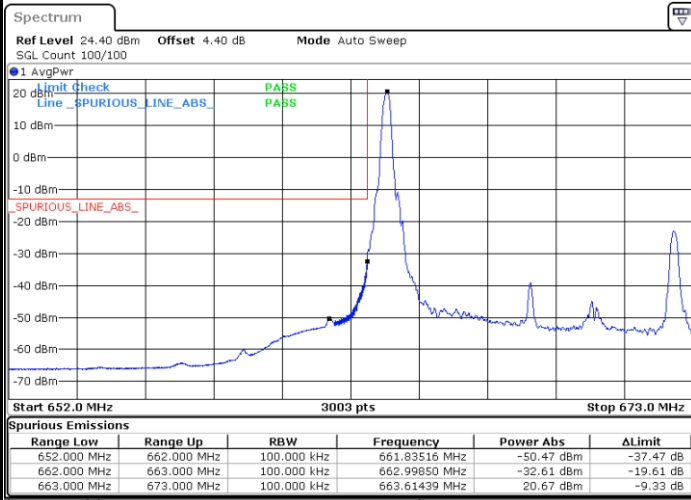


Date: 9 JUN 2020 15:24:44



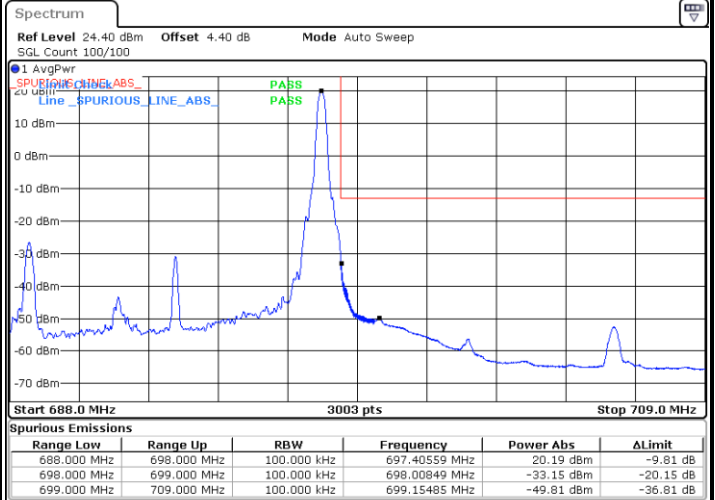
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



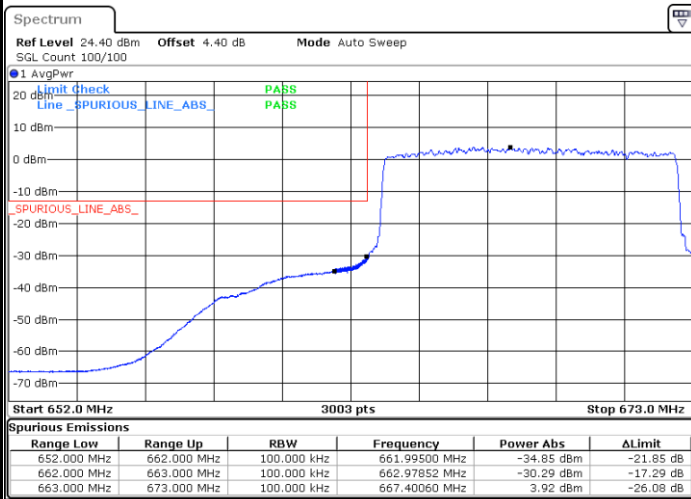
Date: 9 JUN 2020 15:49:01

Highest Band Edge / 1 RB



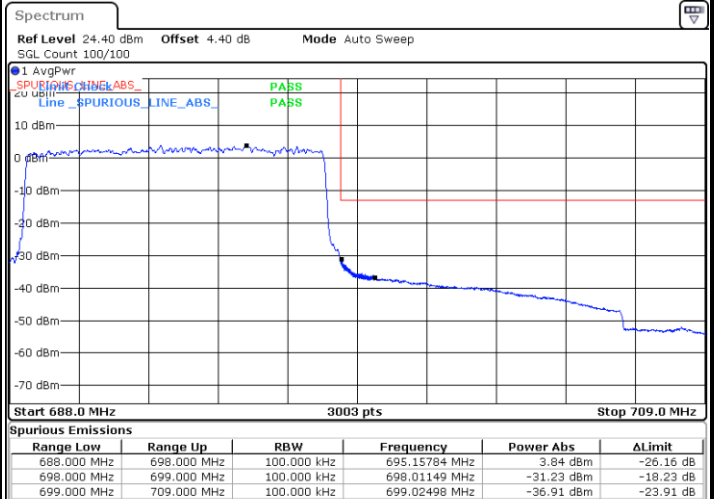
Date: 9 JUN 2020 16:07:30

Lowest Band Edge / Full RB



Date: 9 JUN 2020 16:01:18

Highest Band Edge / Full RB



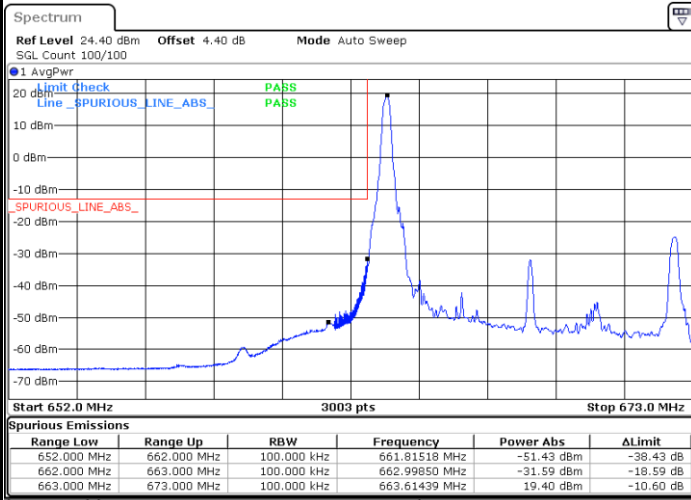
Date: 9 JUN 2020 16:04:49





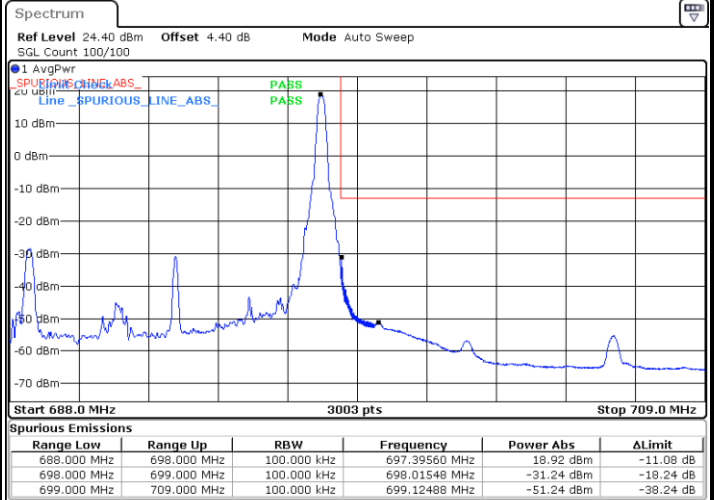
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



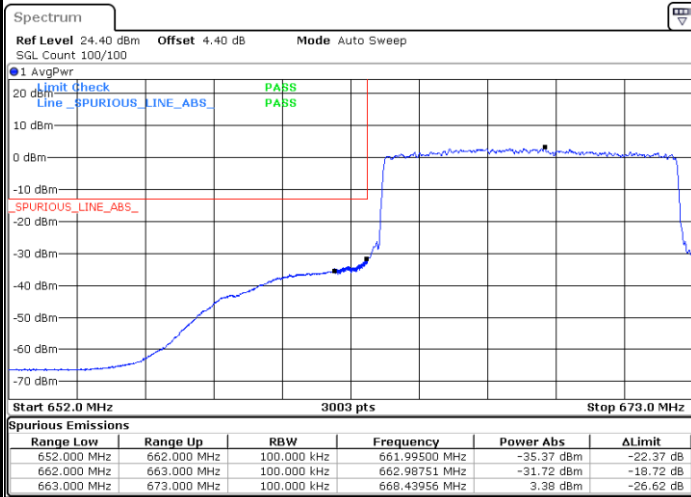
Date: 9 JUN 2020 15:50:39

Highest Band Edge / 1 RB



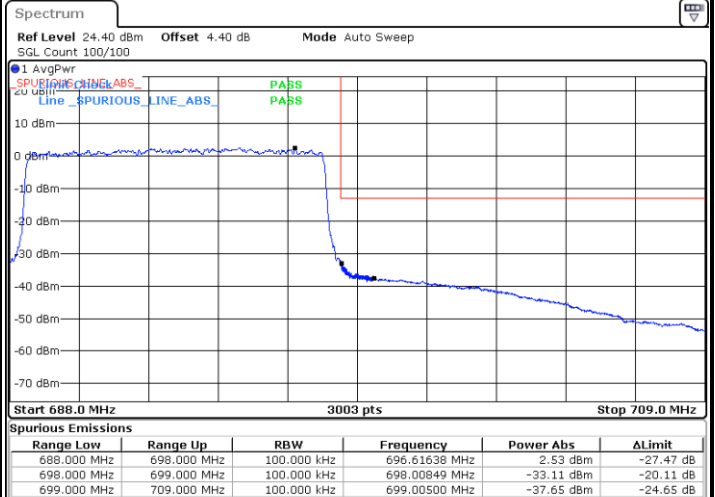
Date: 9 JUN 2020 16:08:19

Lowest Band Edge / Full RB



Date: 9 JUN 2020 16:02:11

Highest Band Edge / Full RB

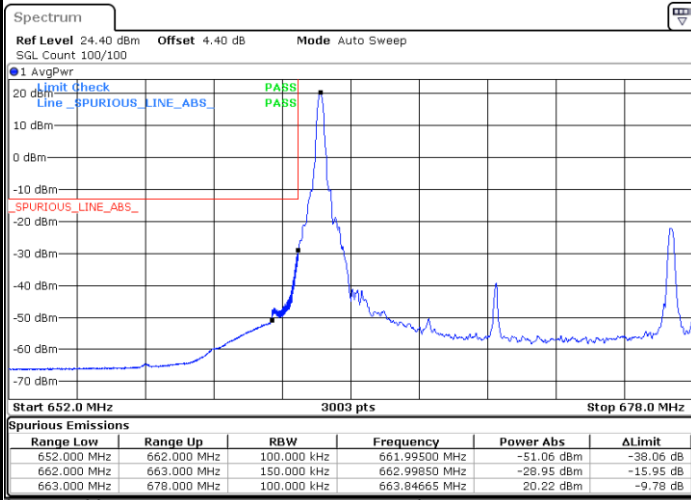


Date: 9 JUN 2020 16:05:39



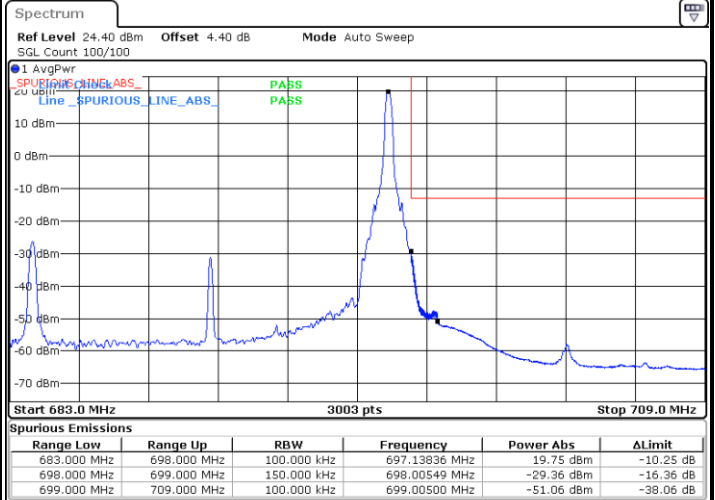
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



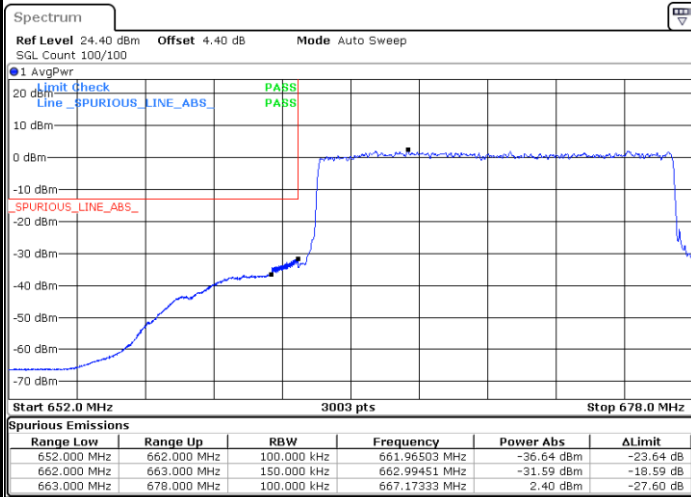
Date: 9 JUN 2020 16:43:42

Highest Band Edge / 1 RB



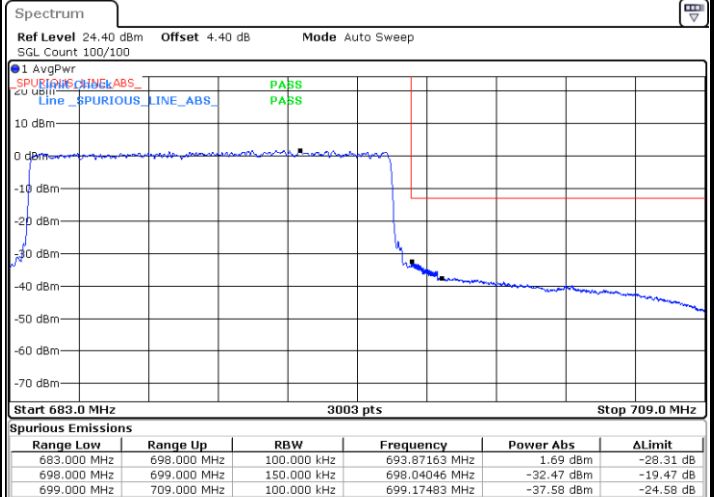
Date: 9 JUN 2020 17:02:17

Lowest Band Edge / Full RB



Date: 9 JUN 2020 16:47:34

Highest Band Edge / Full RB



Date: 9 JUN 2020 16:55:54