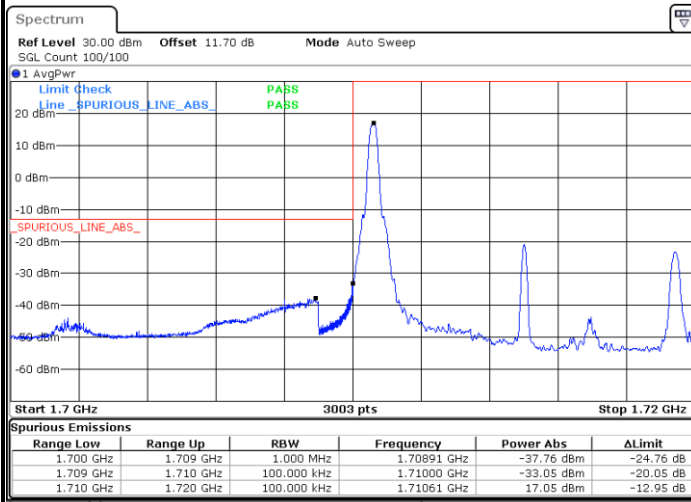


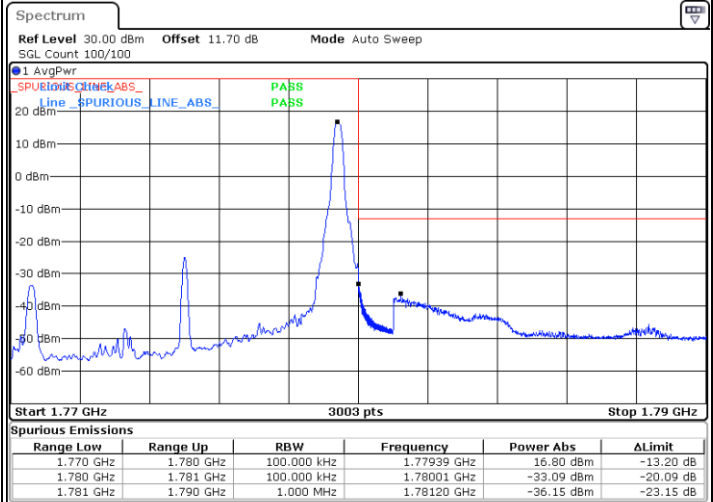


LTE Band 66 / 10MHz / 16QAM

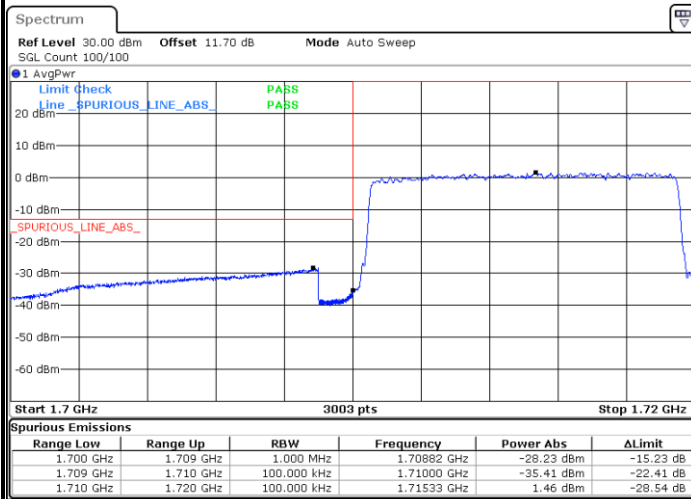
Lowest Band Edge / 1 RB



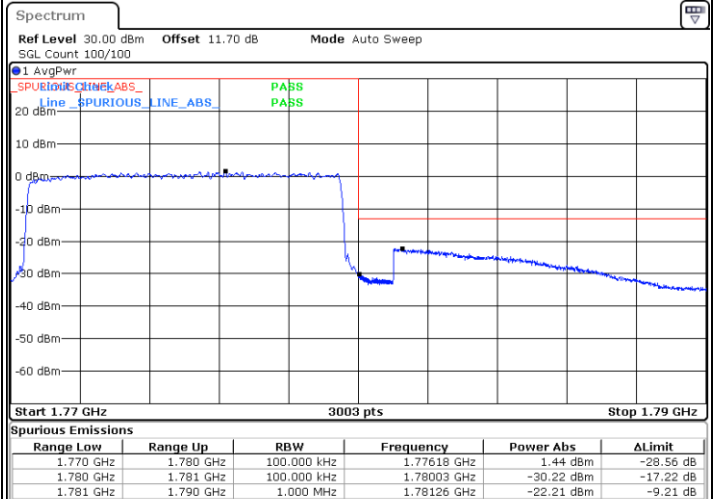
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



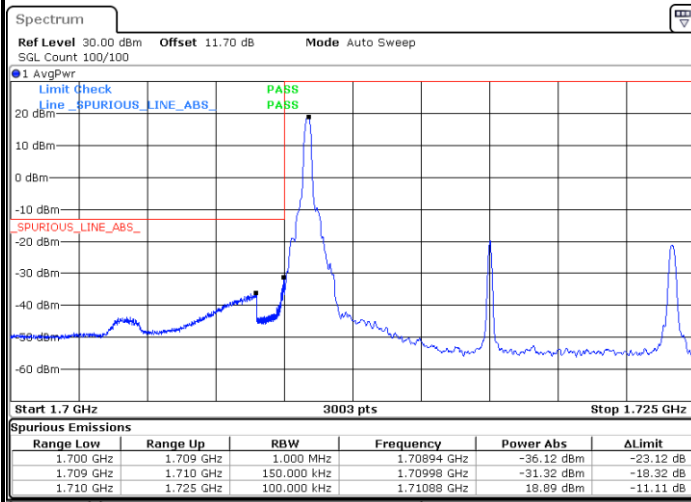
Highest Band Edge / Full RB



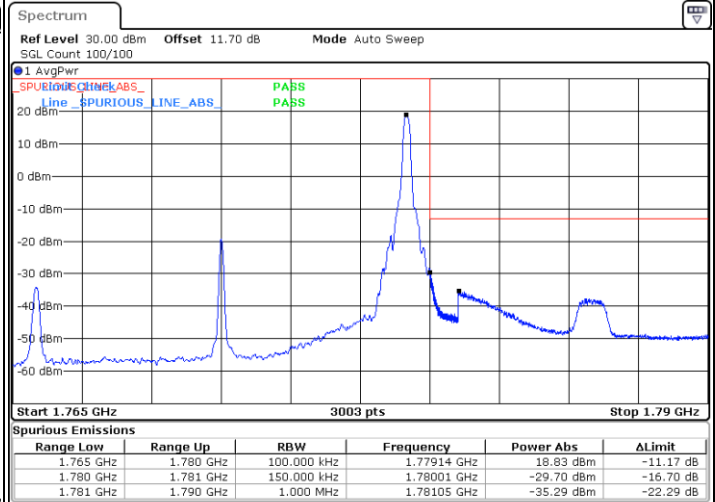


LTE Band 66 / 15MHz / QPSK

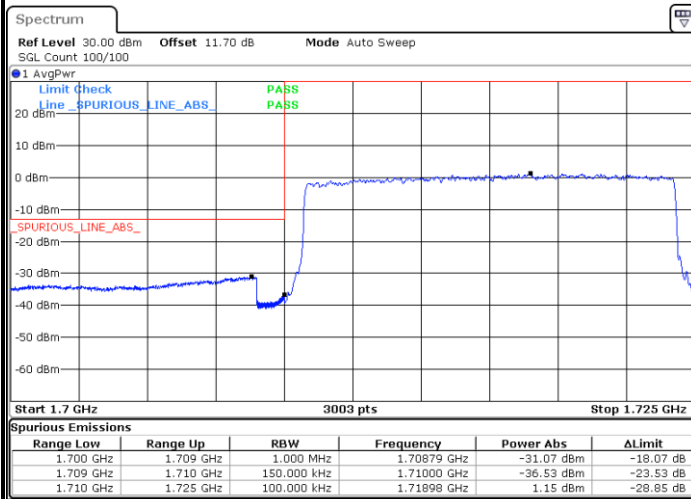
Lowest Band Edge / 1 RB



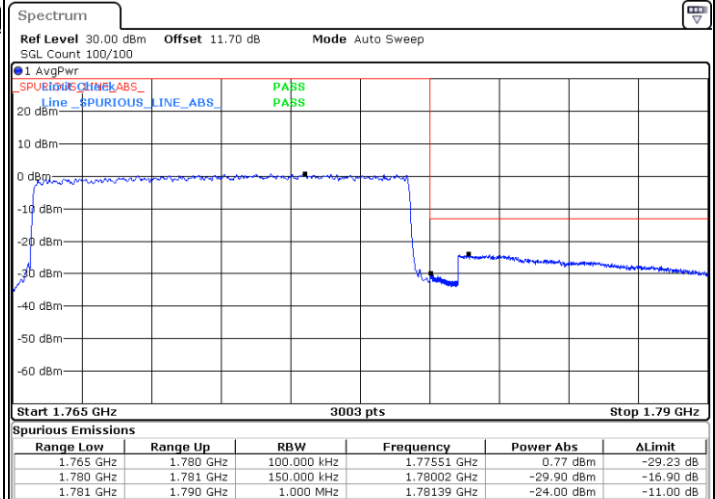
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



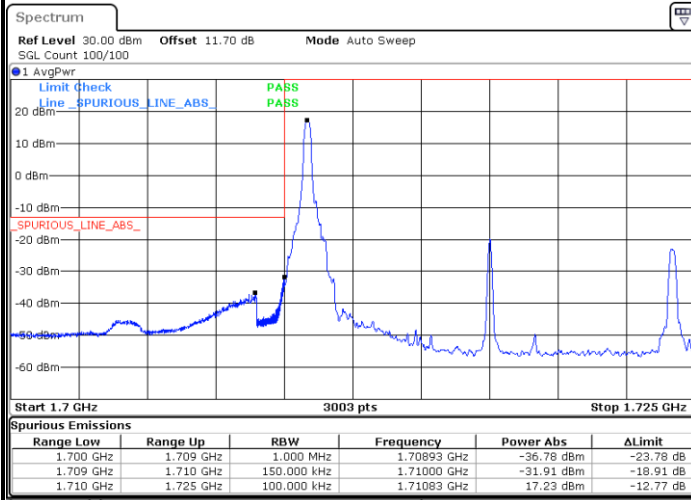
Highest Band Edge / Full RB



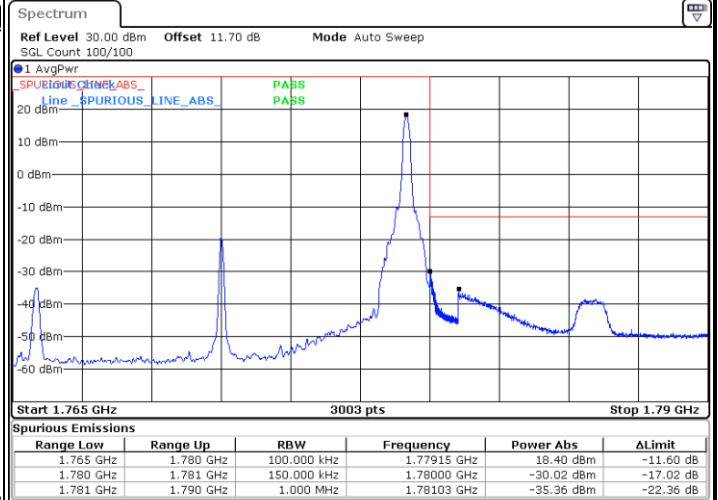


LTE Band 66 / 15MHz / 16QAM

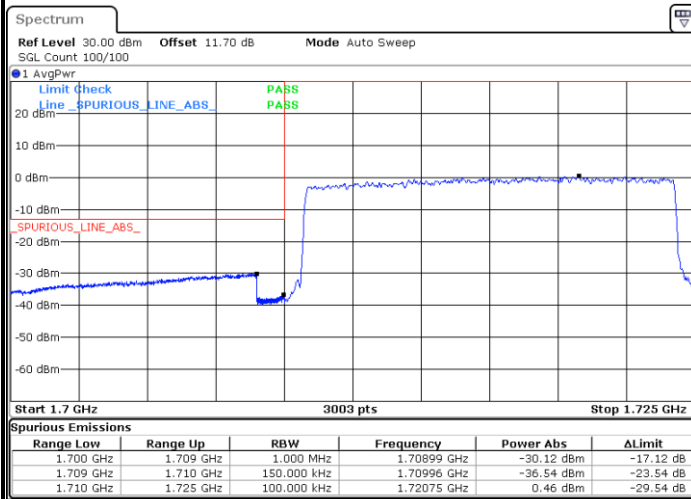
Lowest Band Edge / 1 RB



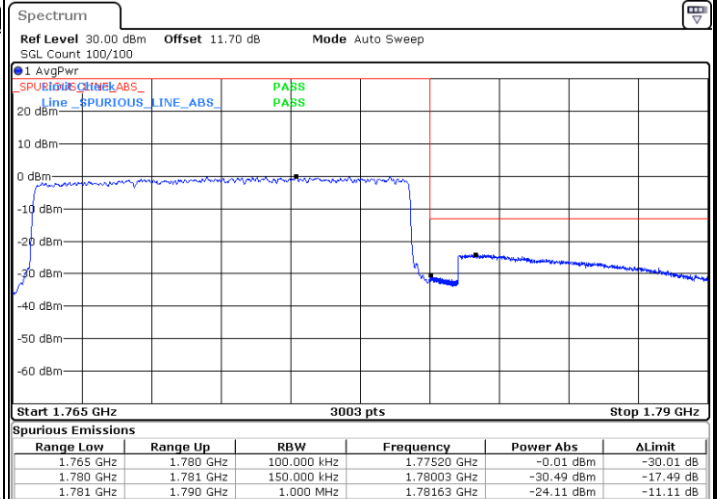
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



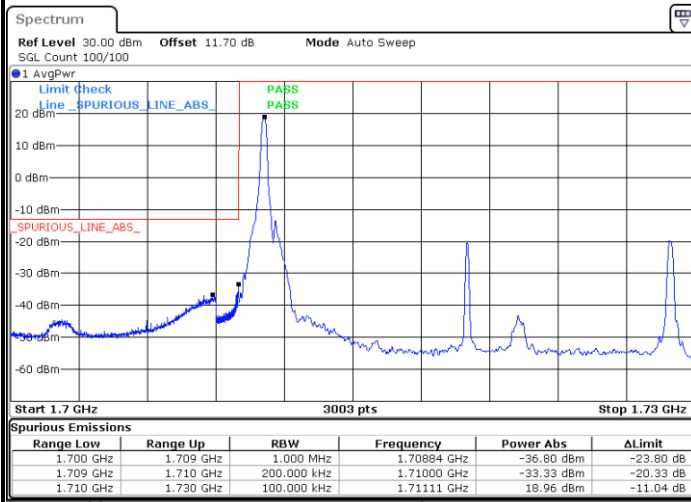
Highest Band Edge / Full RB



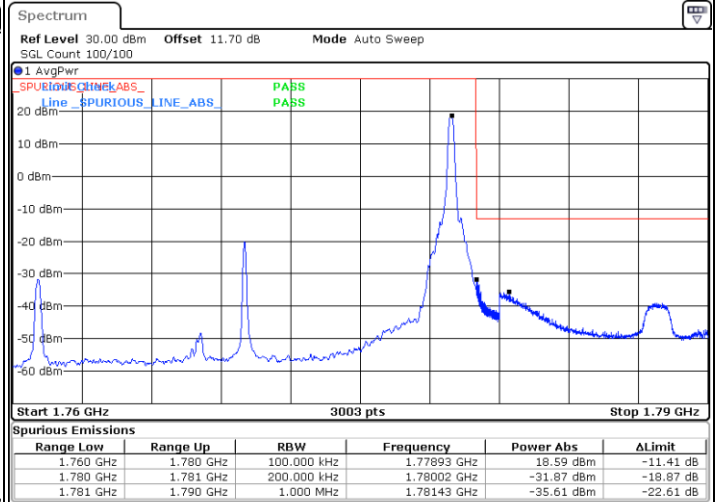


LTE Band 66 / 20MHz / QPSK

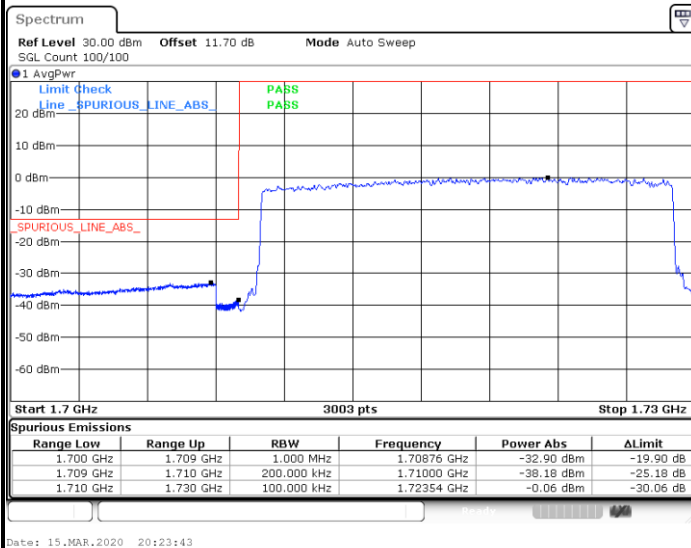
Lowest Band Edge / 1 RB



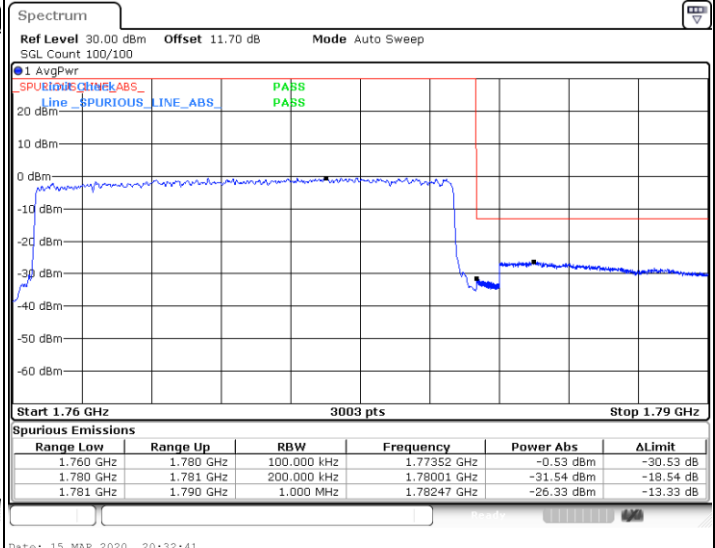
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



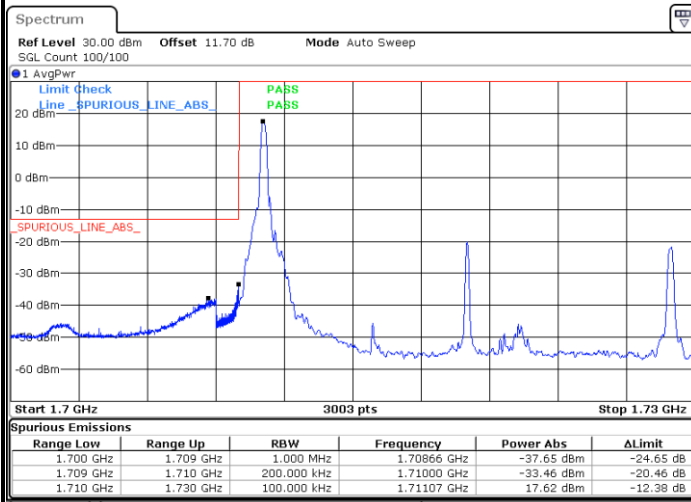
Highest Band Edge / Full RB



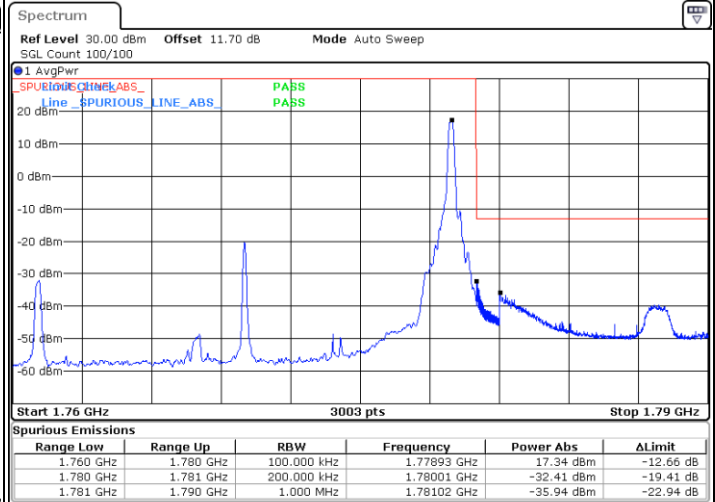


LTE Band 66 / 20MHz / 16QAM

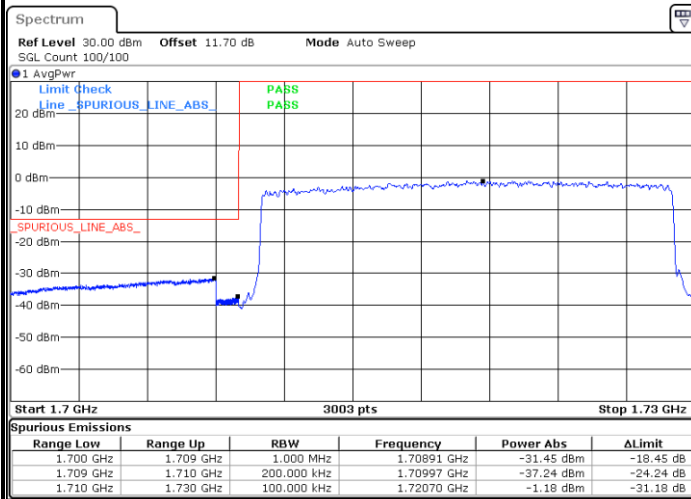
Lowest Band Edge / 1 RB



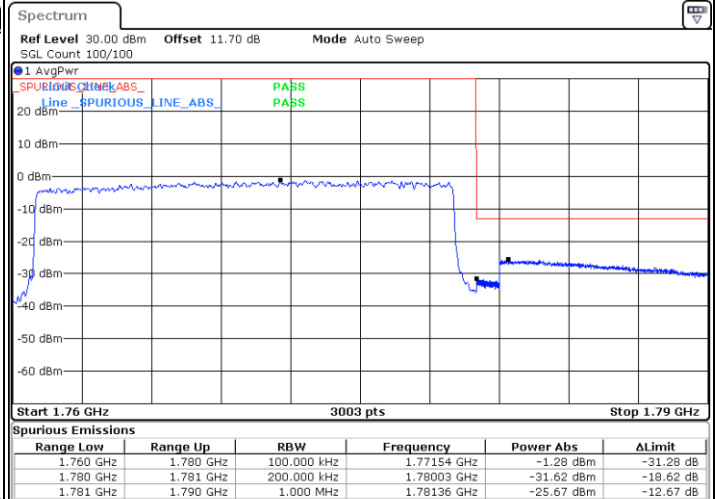
Highest Band Edge / 1 RB

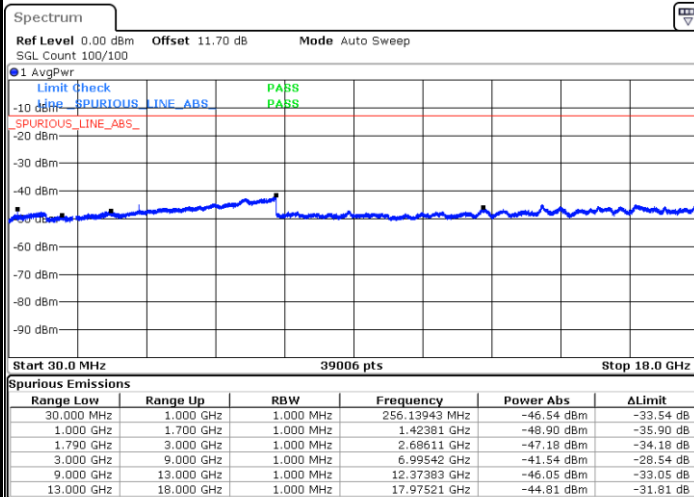


Lowest Band Edge / Full RB

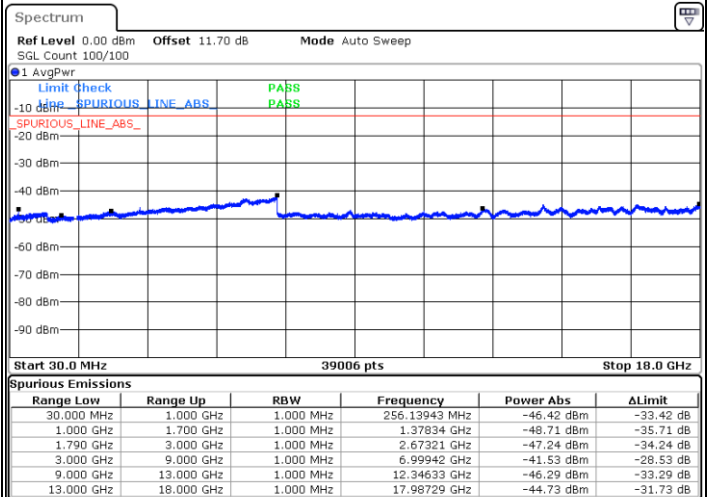


Highest Band Edge / Full RB

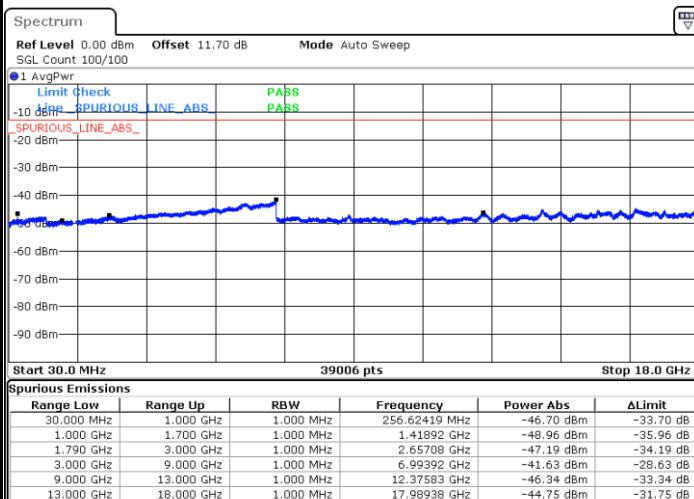


**Conducted Spurious Emission****LTE Band 66 / 1.4MHz****Lowest Channel / QPSK**

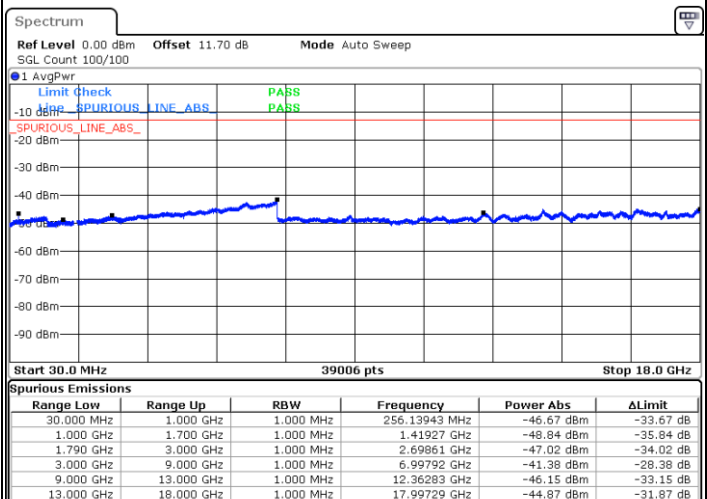
Date: 15.MAR.2020 17:19:01

Lowest Channel / 16QAM

Date: 15.MAR.2020 17:19:51

Middle Channel / QPSK

Date: 15.MAR.2020 17:21:30

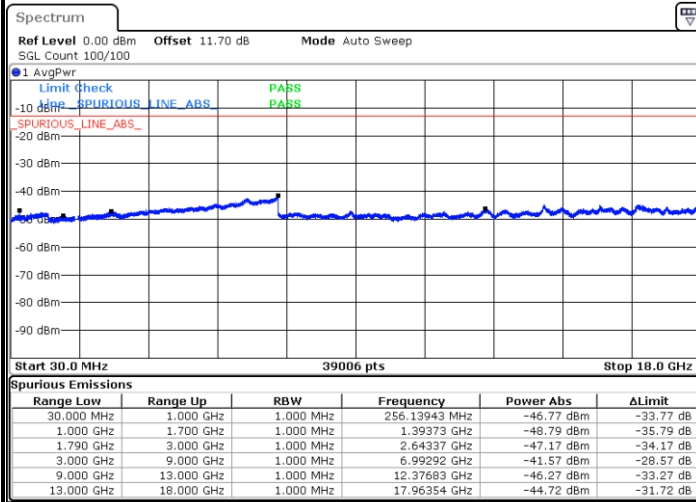
Middle Channel / 16QAM

Date: 15.MAR.2020 17:22:21



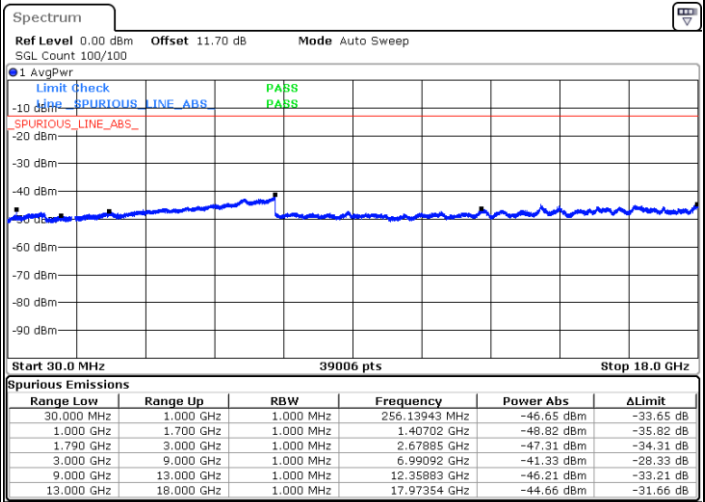
LTE Band 66 / 1.4MHz

Highest Channel / QPSK



Date: 15.MAR.2020 17:28:14

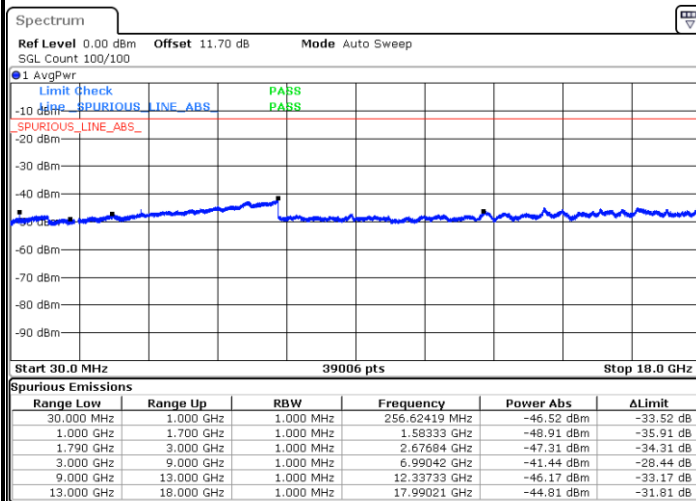
Highest Channel / 16QAM



Date: 15.MAR.2020 17:29:04

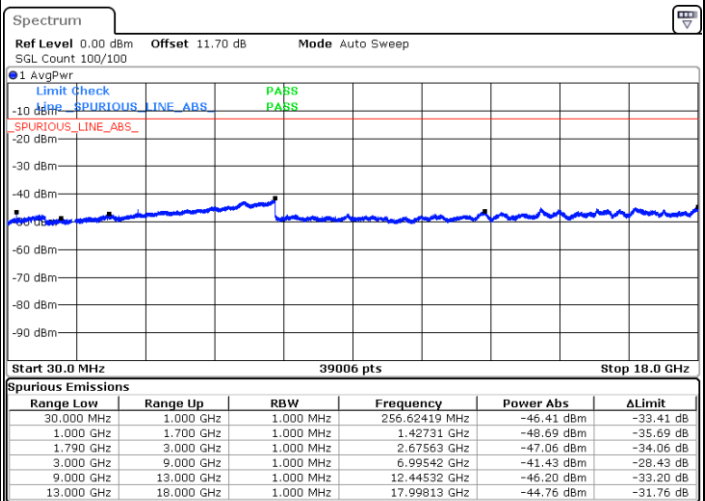
LTE Band 66 / 3MHz

Lowest Channel / QPSK



Date: 15.MAR.2020 17:42:42

Lowest Channel / 16QAM

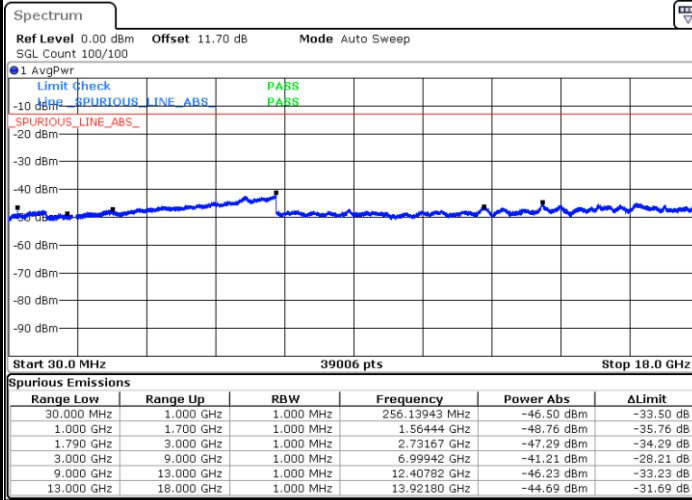


Date: 15.MAR.2020 17:43:32



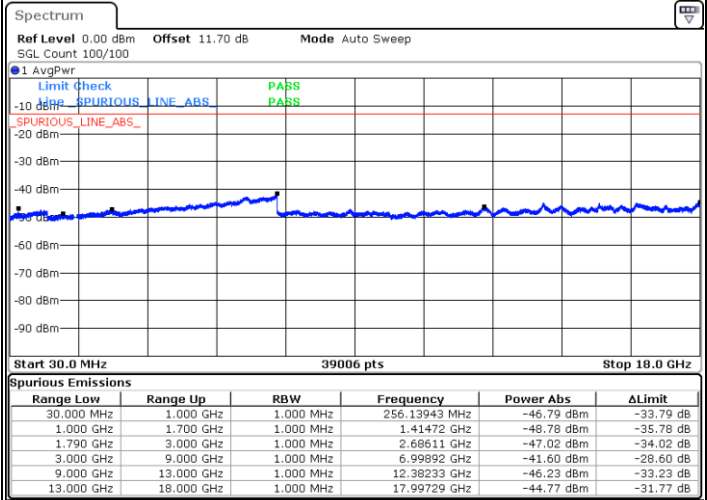
LTE Band 66 / 3MHz

Middle Channel / QPSK



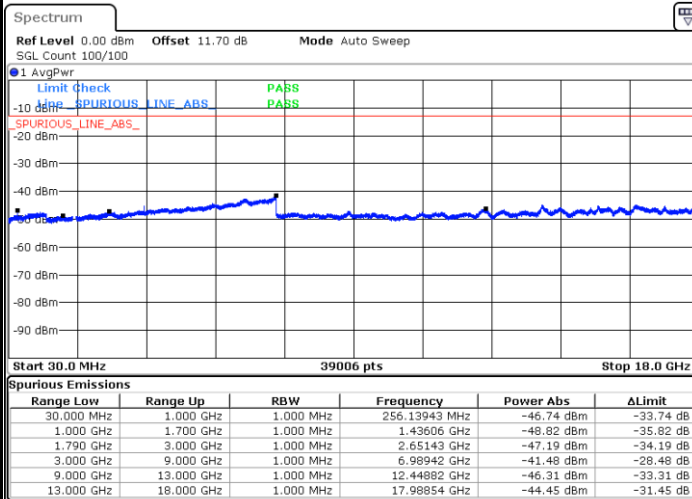
Date: 15.MAR.2020 17:45:12

Middle Channel / 16QAM



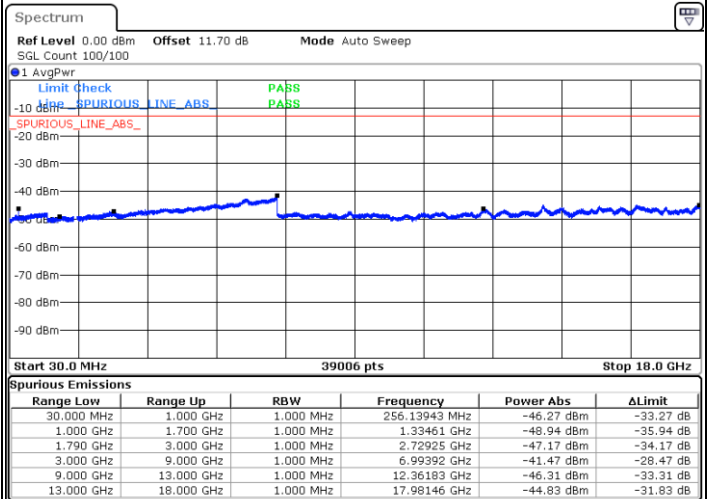
Date: 15.MAR.2020 17:46:02

Highest Channel / QPSK



Date: 15.MAR.2020 17:51:41

Highest Channel / 16QAM

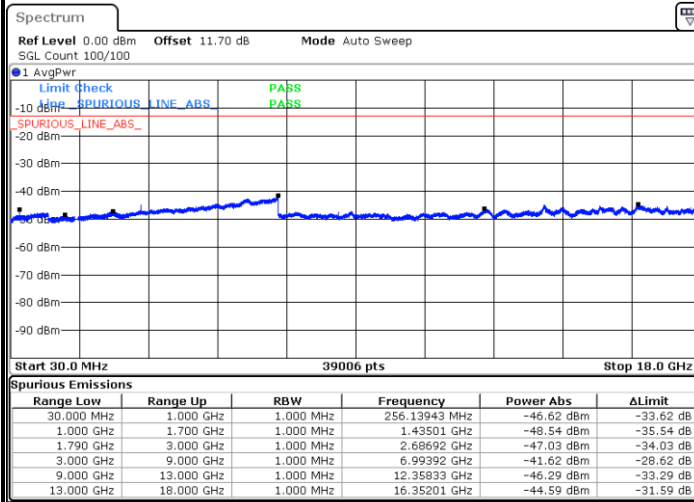


Date: 15.MAR.2020 17:52:31



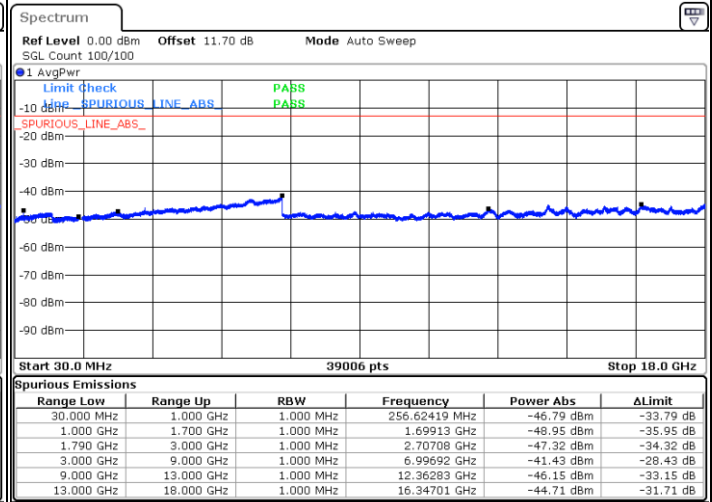
LTE Band 66 / 5MHz

Lowest Channel / QPSK



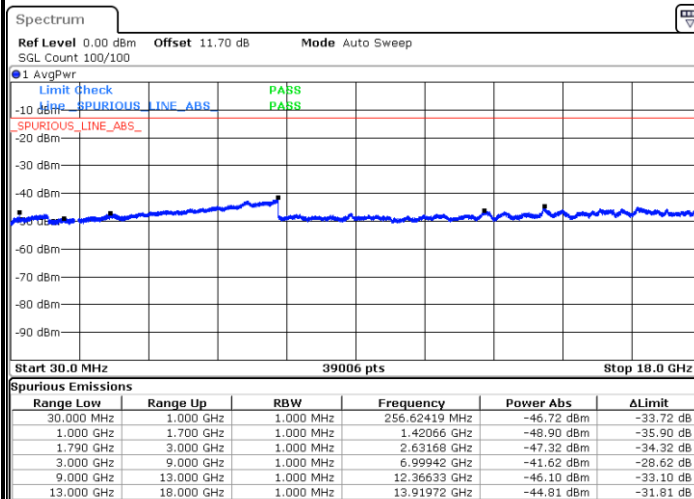
Date: 15.MAR.2020 18:13:37

Lowest Channel / 16QAM



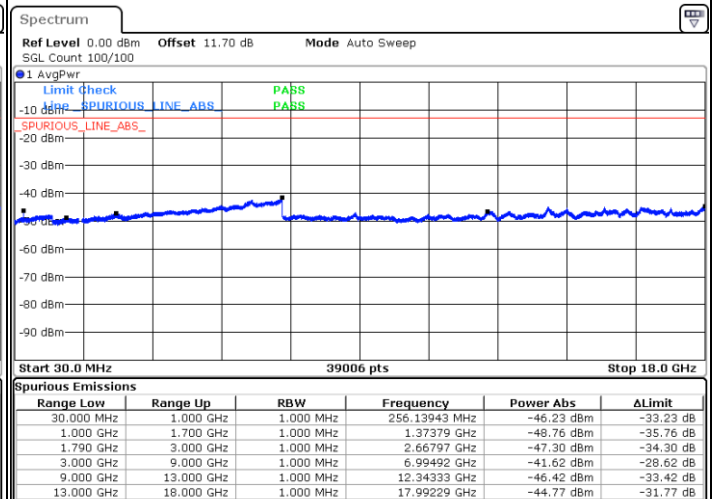
Date: 15.MAR.2020 18:14:26

Middle Channel / QPSK



Date: 15.MAR.2020 18:16:06

Middle Channel / 16QAM

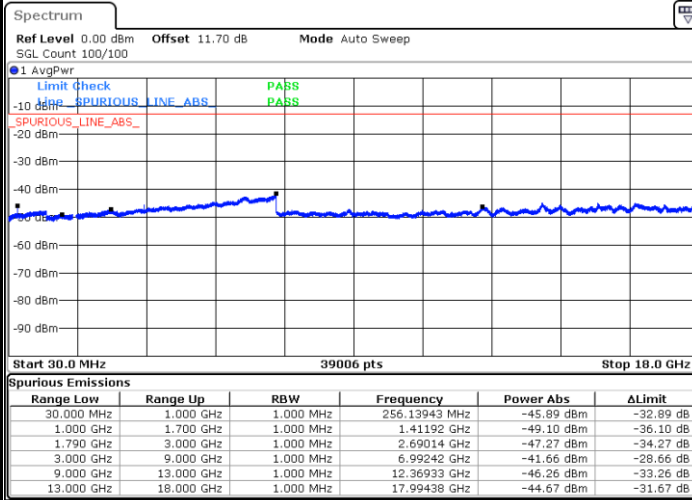


Date: 15.MAR.2020 18:16:56



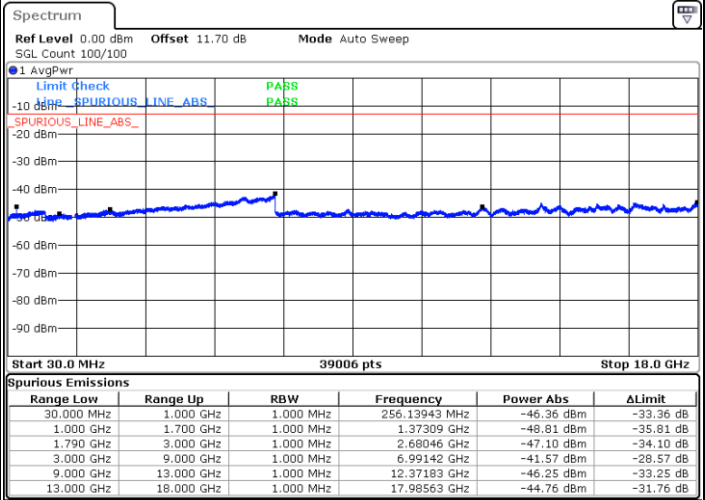
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 15.MAR.2020 18:22:35

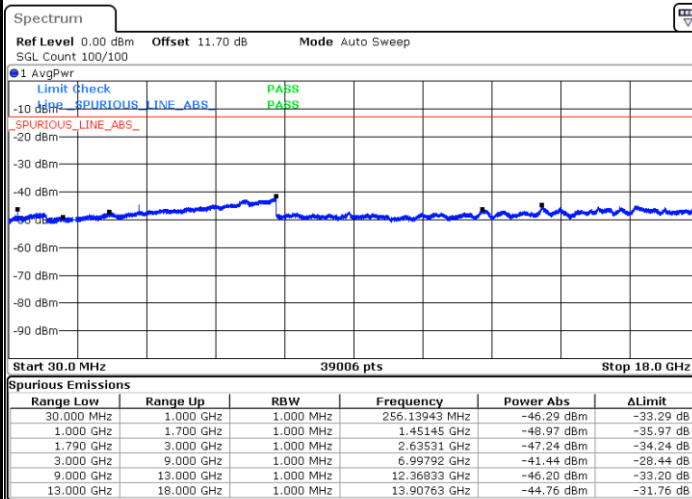
Highest Channel / 16QAM



Date: 15.MAR.2020 18:23:24

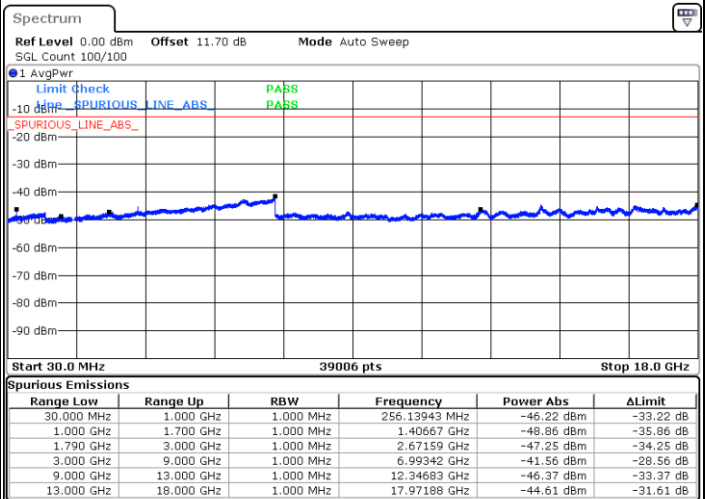
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 15.MAR.2020 18:29:04

Lowest Channel / 16QAM

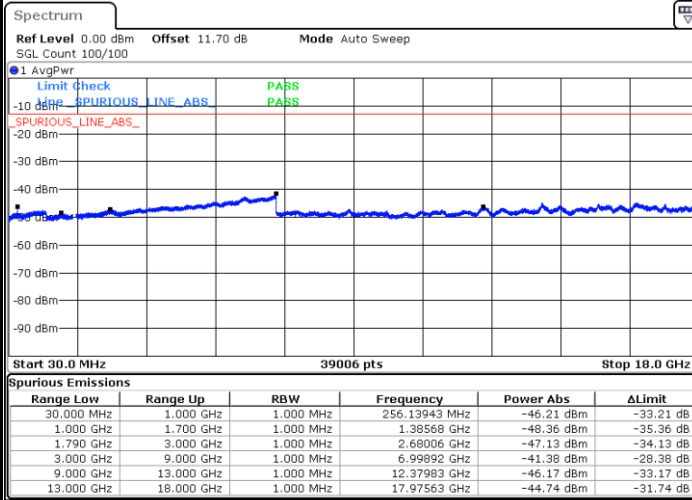


Date: 15.MAR.2020 18:29:54



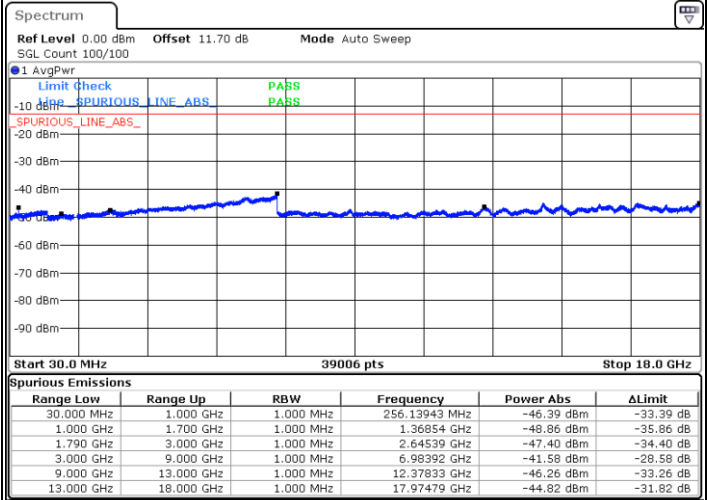
LTE Band 66 / 10MHz

Middle Channel / QPSK



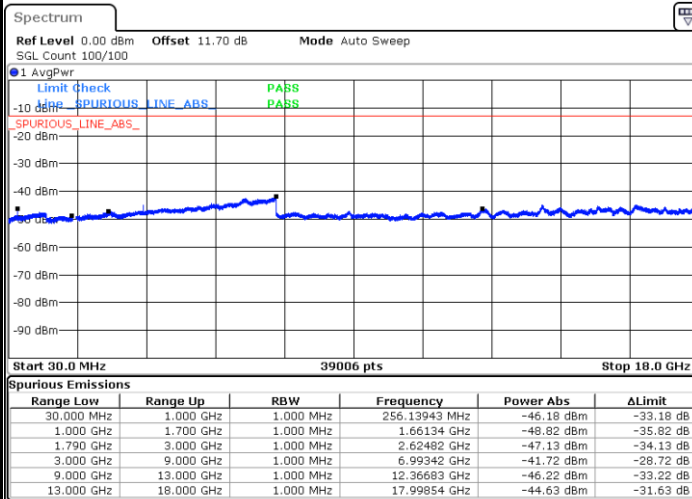
Date: 15.MAR.2020 18:31:34

Middle Channel / 16QAM



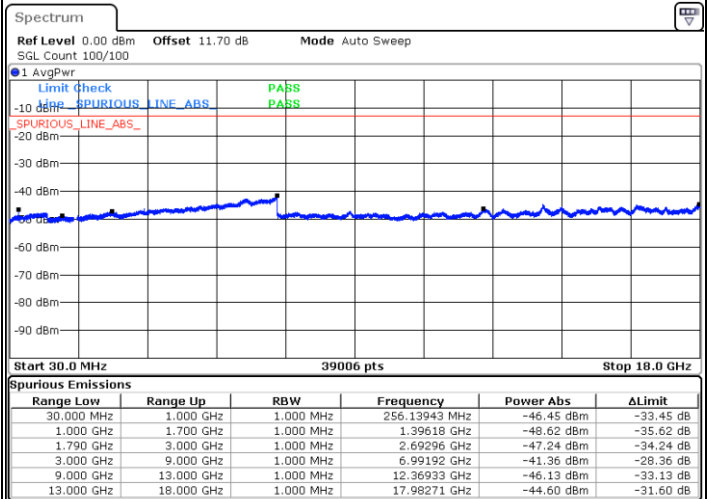
Date: 15.MAR.2020 18:32:24

Highest Channel / QPSK



Date: 15.MAR.2020 18:38:04

Highest Channel / 16QAM

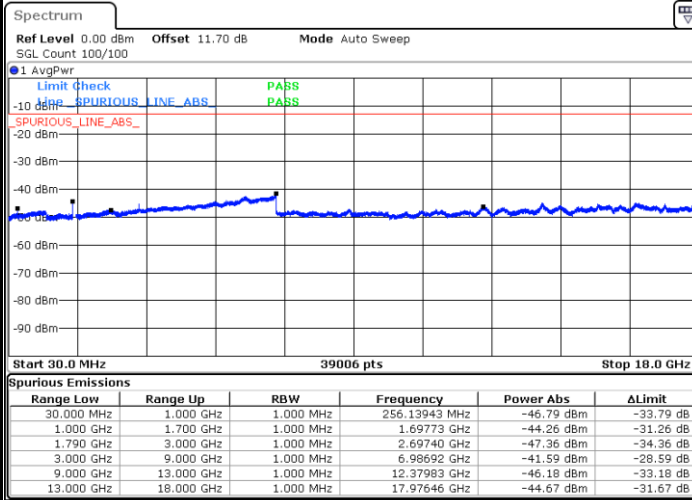


Date: 15.MAR.2020 18:38:54



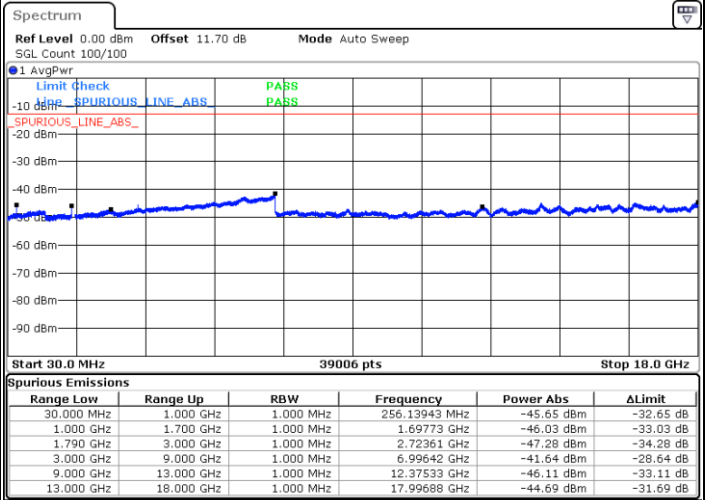
LTE Band 66 / 15MHz

Lowest Channel / QPSK



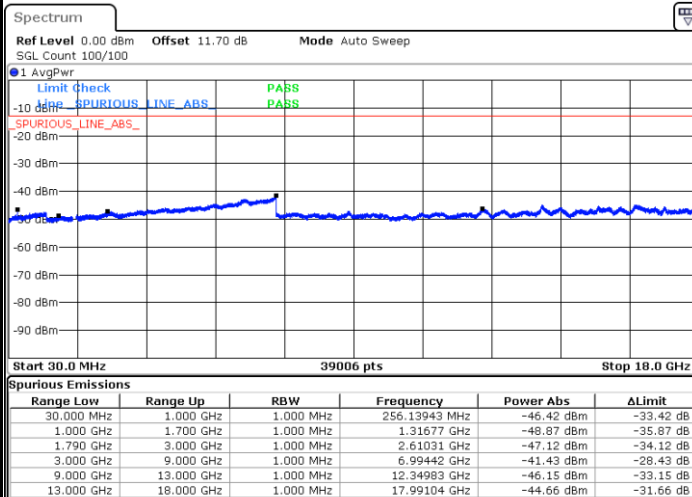
Date: 15.MAR.2020 18:59:59

Lowest Channel / 16QAM



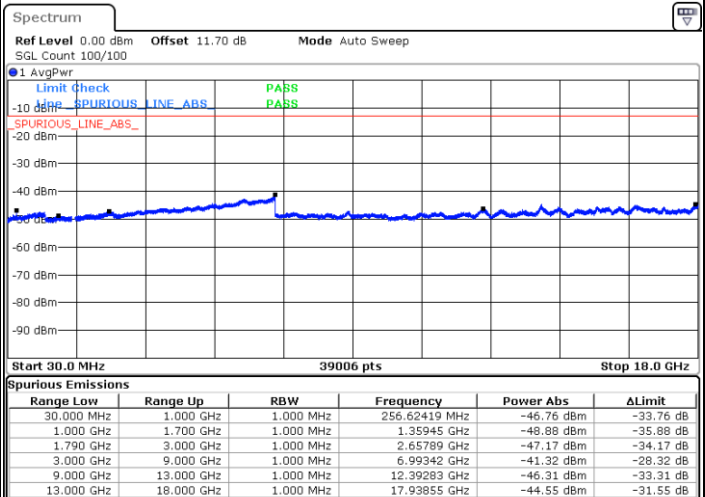
Date: 15.MAR.2020 19:00:49

Middle Channel / QPSK



Date: 15.MAR.2020 19:02:28

Middle Channel / 16QAM

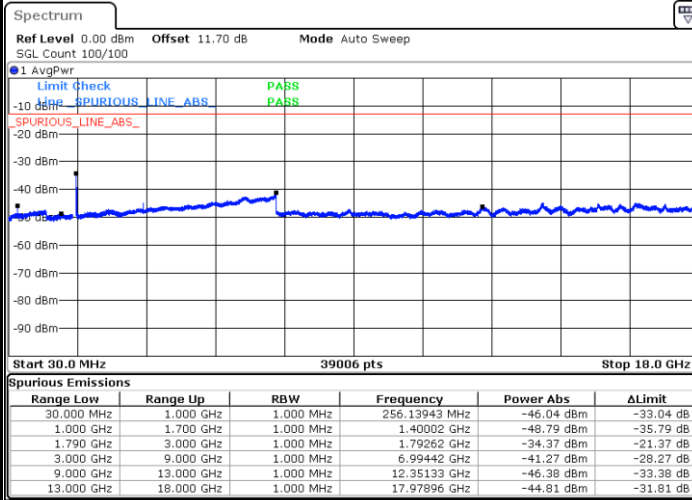


Date: 15.MAR.2020 19:03:18



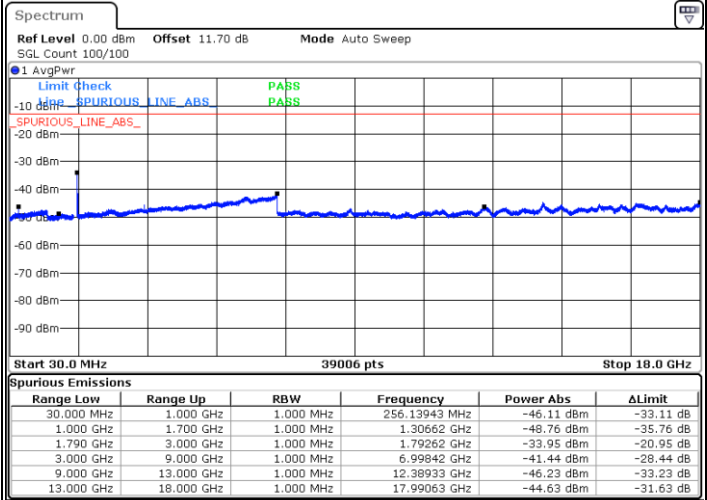
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 15.MAR.2020 19:08:56

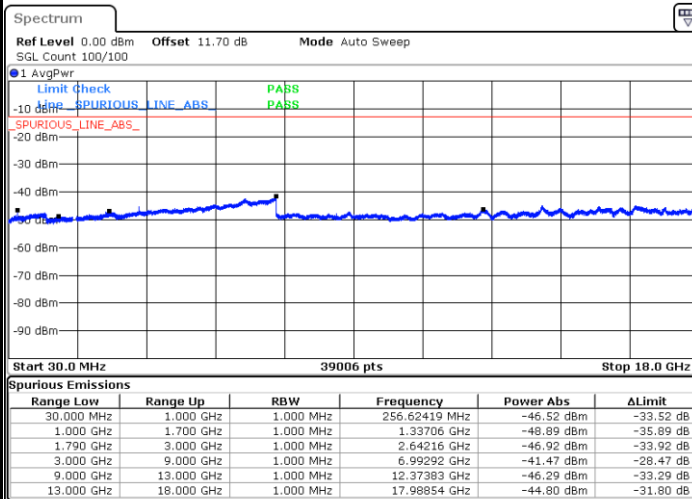
Highest Channel / 16QAM



Date: 15.MAR.2020 19:09:45

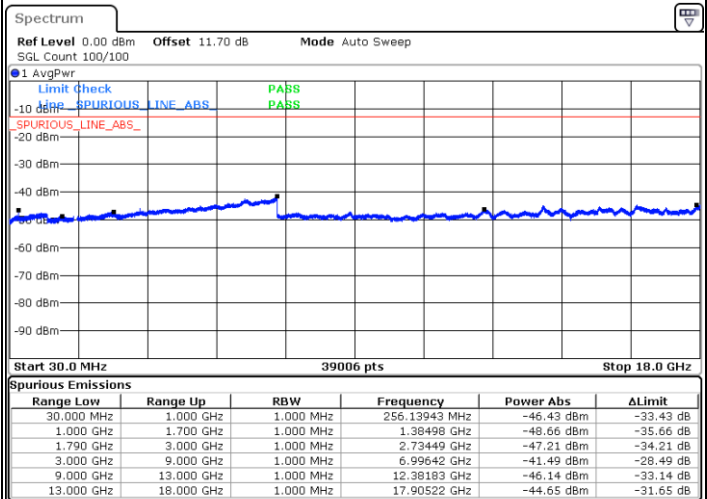
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 15.MAR.2020 20:25:33

Lowest Channel / 16QAM

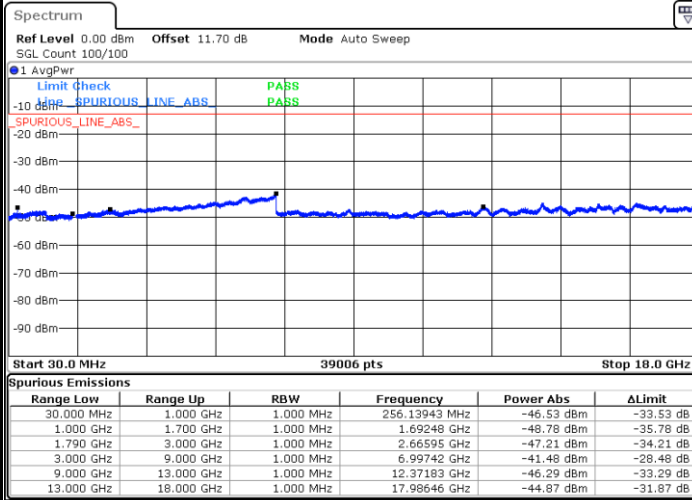


Date: 15.MAR.2020 20:26:23



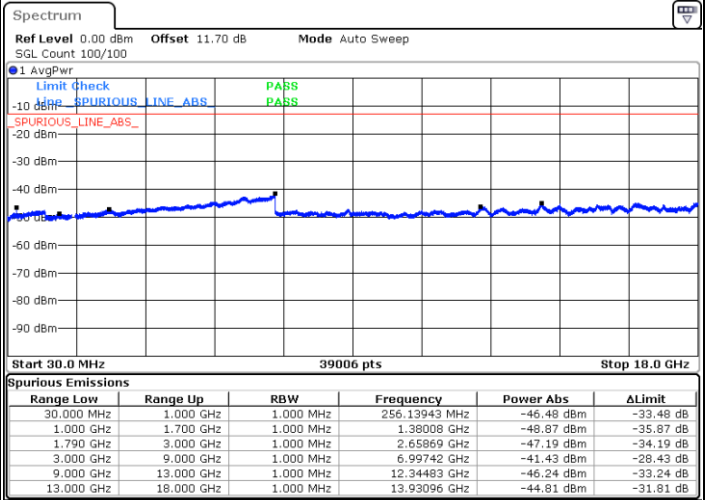
LTE Band 66 / 20MHz

Middle Channel / QPSK



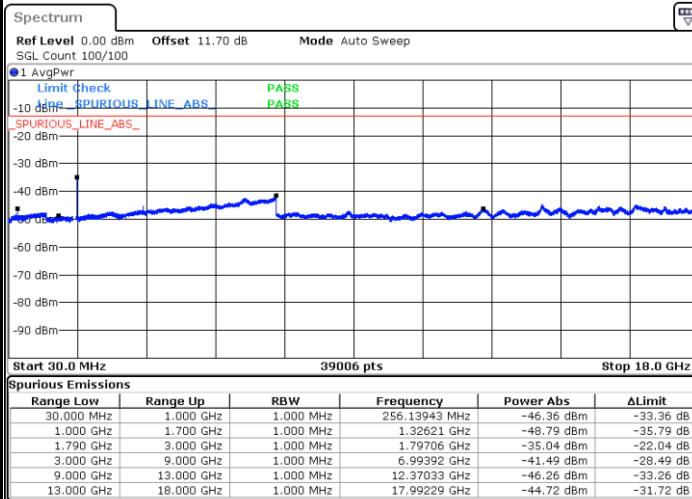
Date: 15.MAR.2020 20:28:02

Middle Channel / 16QAM



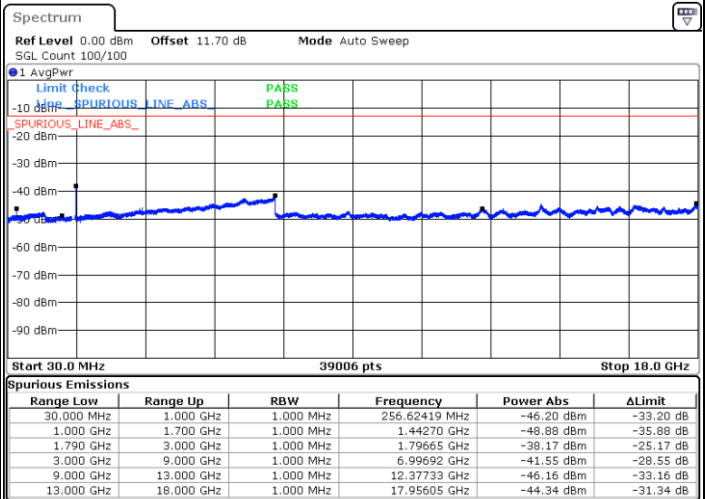
Date: 15.MAR.2020 20:28:52

Highest Channel / QPSK



Date: 15.MAR.2020 20:34:30

Highest Channel / 16QAM



Date: 15.MAR.2020 20:35:20

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	0.0061	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0029	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0057	
0	Normal Voltage	0.0085	
-10	Normal Voltage	0.0044	
-20	Normal Voltage	0.0030	
-30	Normal Voltage	0.0096	
20	Maximum Voltage	0.0042	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0039	

Note:

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

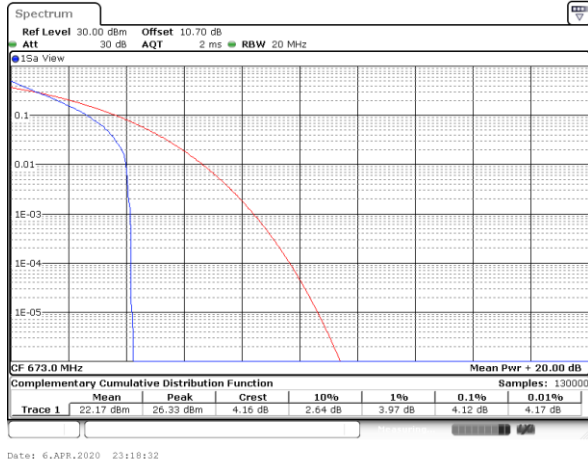
**LTE Band 71****Peak-to-Average Ratio**

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.12	4.81	4.93	5.71	PASS
Middle CH	4.32	4.64	5.45	5.77	
Highest CH	4.49	4.87	5.01	5.83	

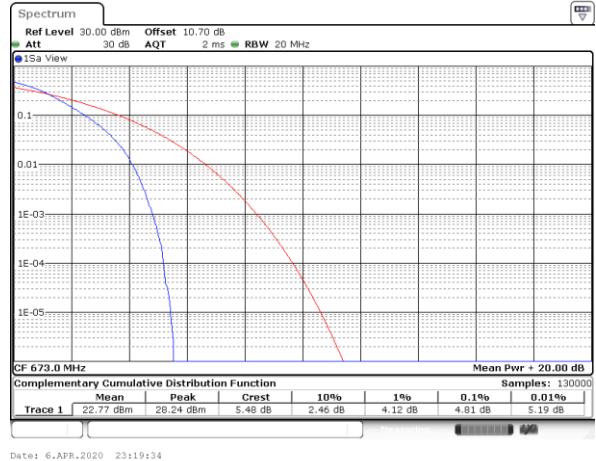


LTE Band 71 / 20MHz / QPSK

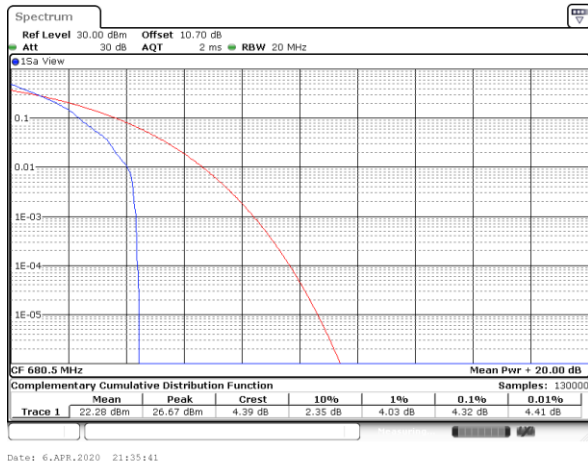
Lowest Channel / 1RB



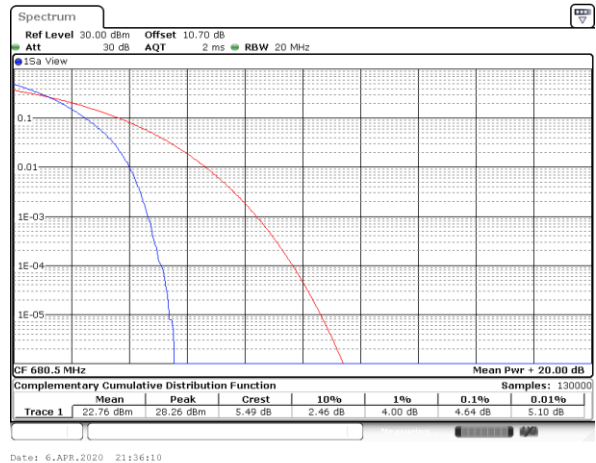
Lowest Channel / Full RB



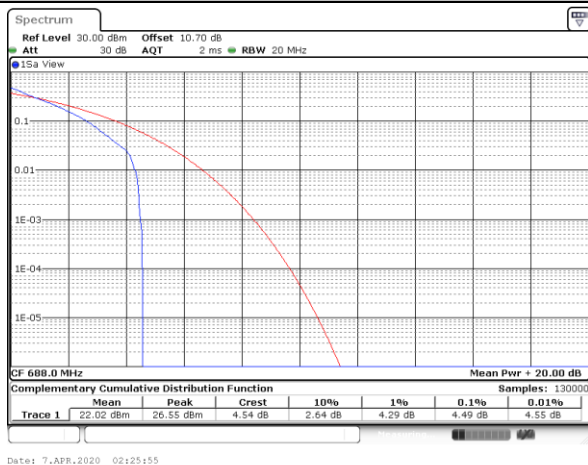
Middle Channel / 1RB



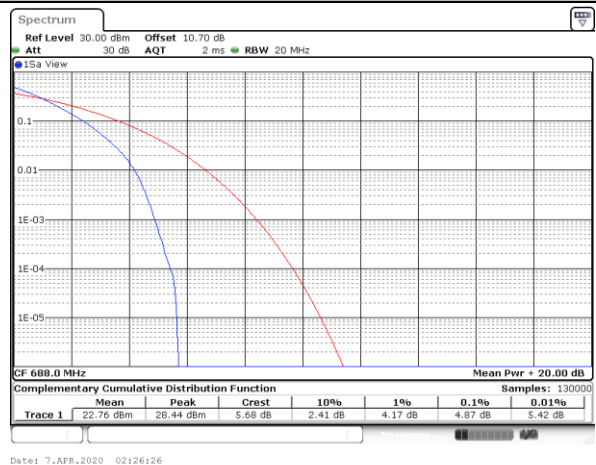
Middle Channel / Full RB



Highest Channel / 1RB



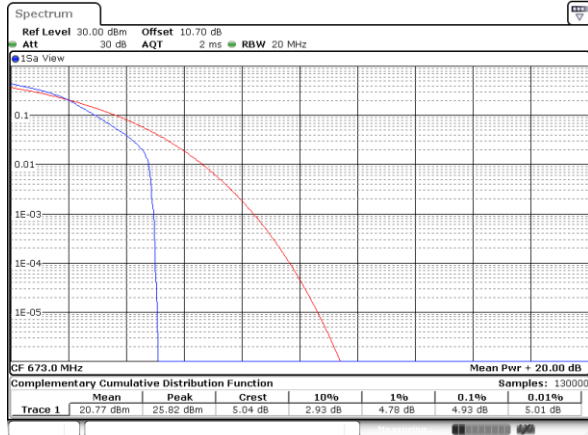
Highest Channel / Full RB



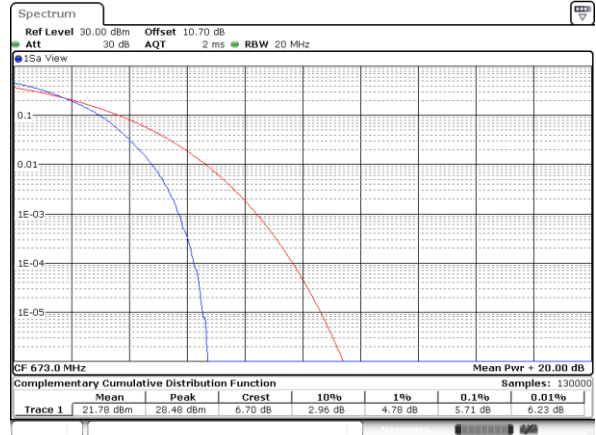


LTE Band 71 / 20MHz / 16QAM

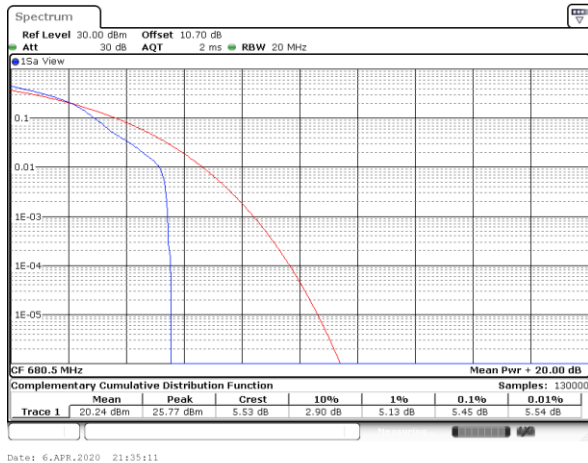
Lowest Channel / 1RB



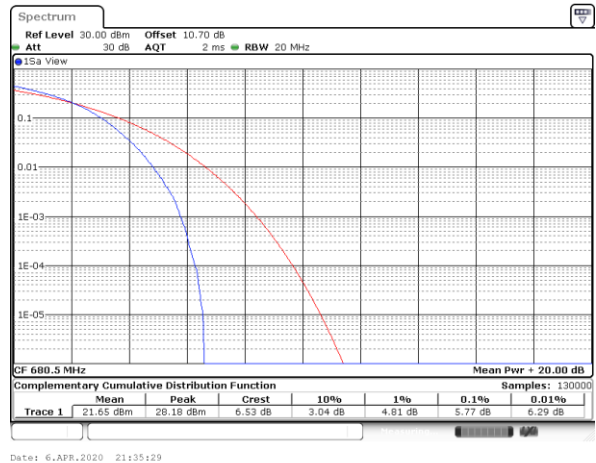
Lowest Channel / Full RB



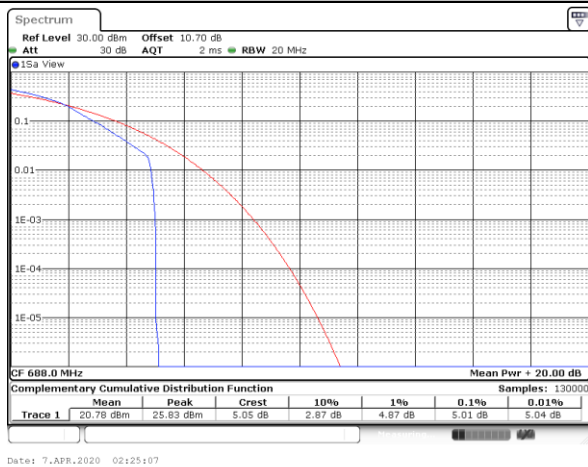
Middle Channel / 1RB



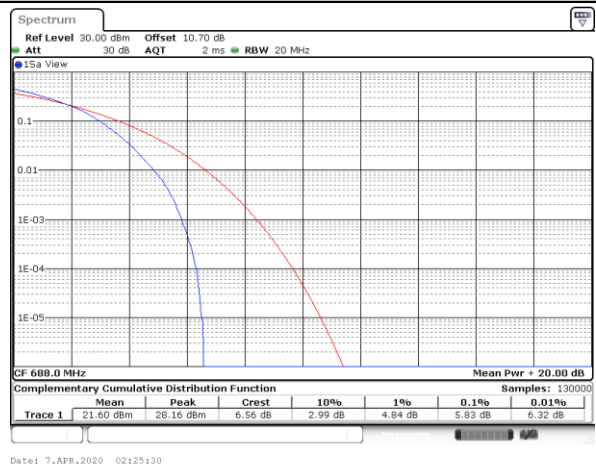
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



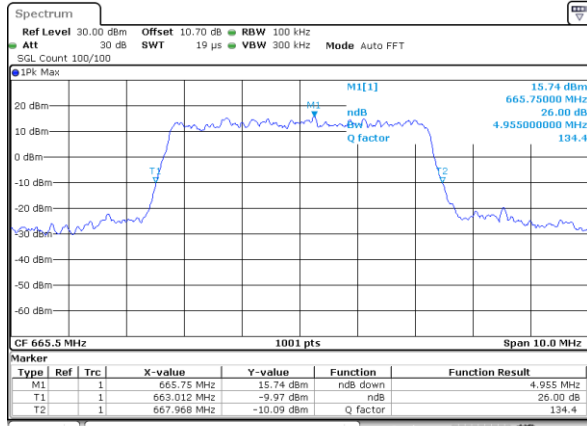
**26dB Bandwidth**

Mode	LTE Band 71 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.96	4.92	9.79	9.69	14.45	14.51	18.82	18.86
Middle CH	-	-	-	-	4.88	5.04	9.71	9.59	14.48	14.42	19.22	18.98
Highest CH	-	-	-	-	4.86	4.91	9.75	9.73	14.42	14.21	18.98	19.10



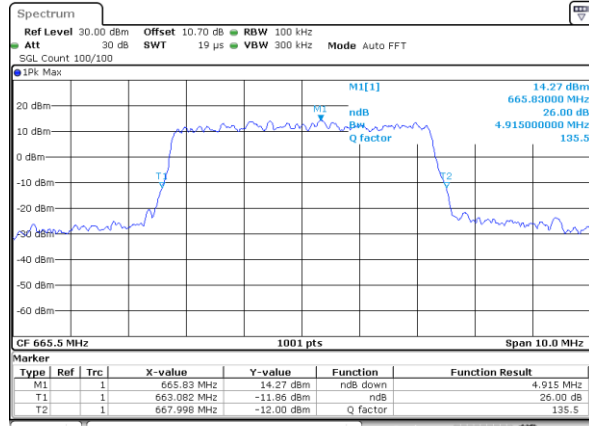
LTE Band 71

Lowest Channel / 5MHz / QPSK



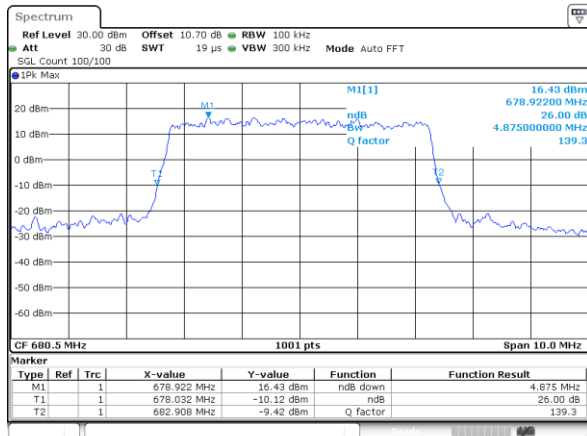
Date: 2.APR.2020 15:03:16

Lowest Channel / 5MHz / 16QAM



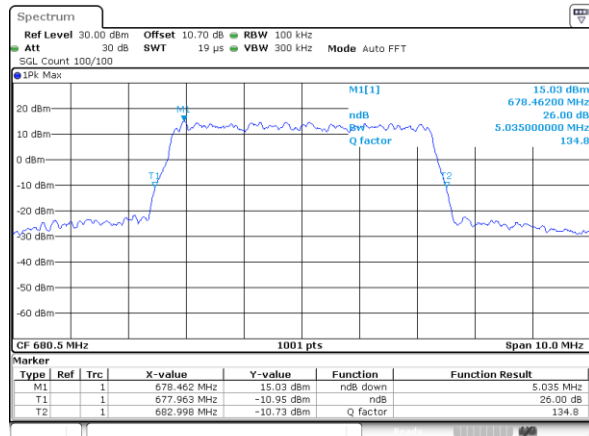
Date: 2.APR.2020 15:03:28

Middle Channel / 5MHz / QPSK



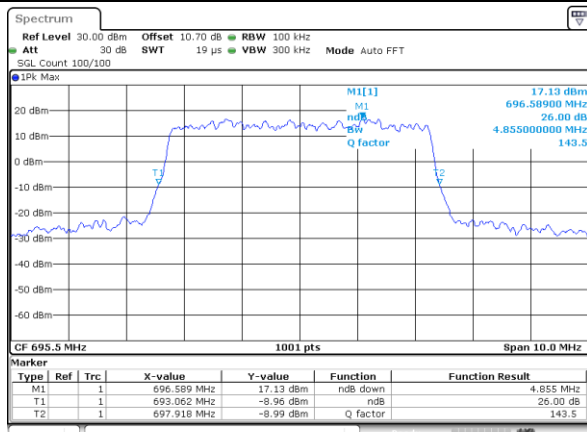
Date: 6.APR.2020 21:12:32

Middle Channel / 5MHz / 16QAM



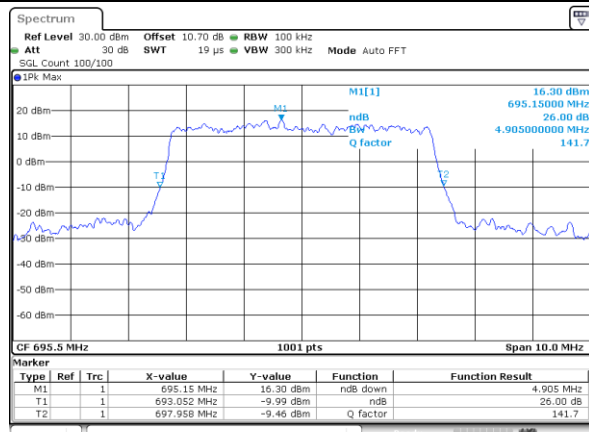
Date: 6.APR.2020 21:12:43

Highest Channel / 5MHz / QPSK



Date: 7.APR.2020 00:31:57

Highest Channel / 5MHz / 16QAM

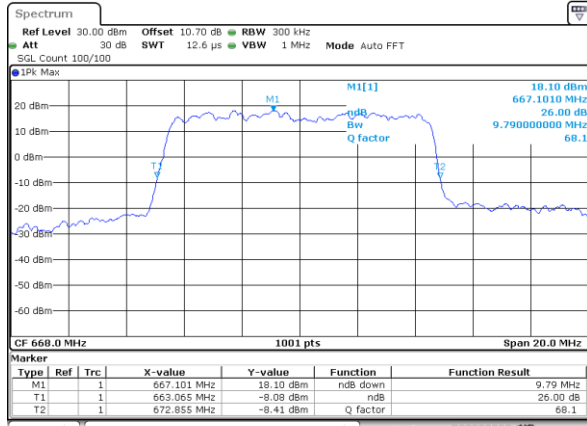


Date: 7.APR.2020 00:32:19

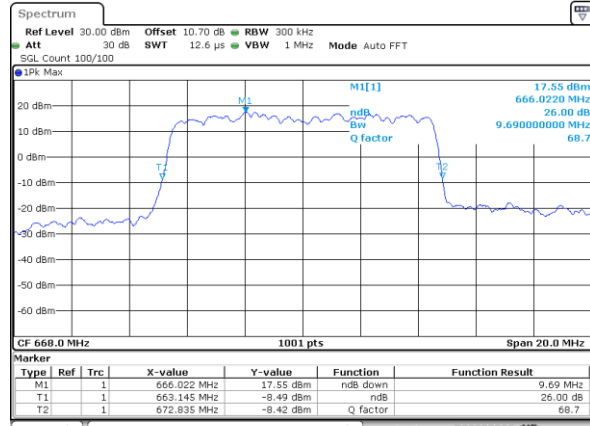


LTE Band 71

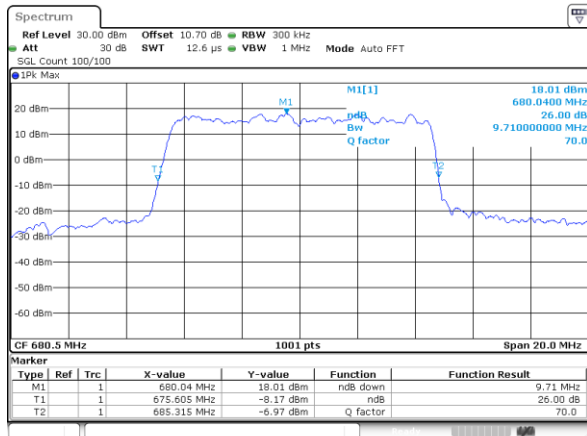
Lowest Channel / 10MHz / QPSK



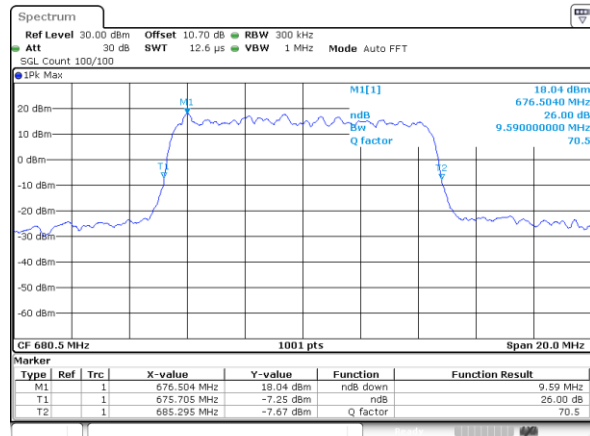
Lowest Channel / 10MHz / 16QAM



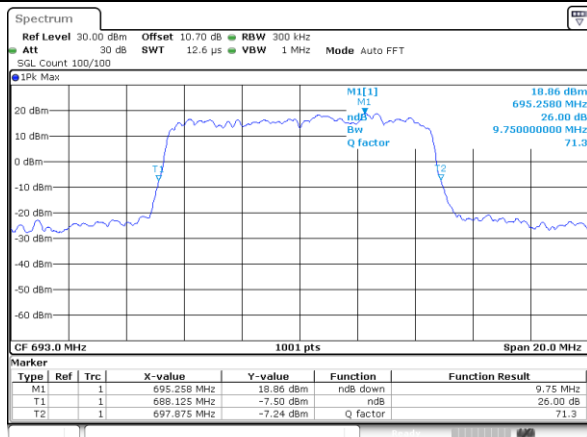
Middle Channel / 10MHz / QPSK



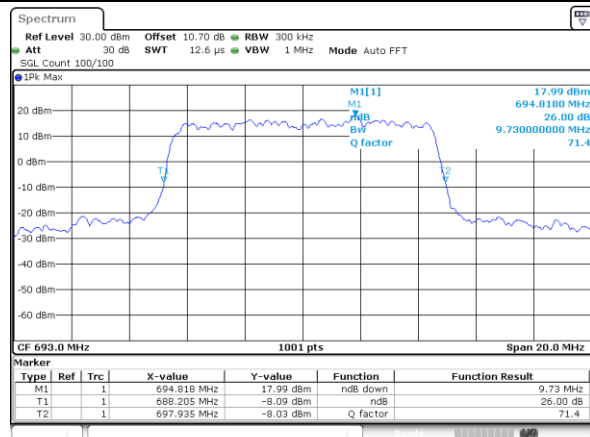
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



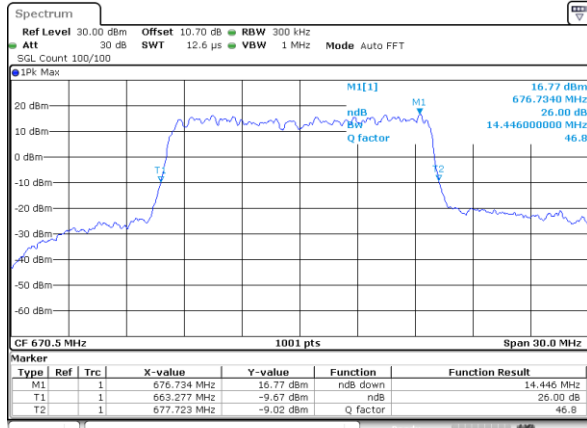
Highest Channel / 10MHz / 16QAM



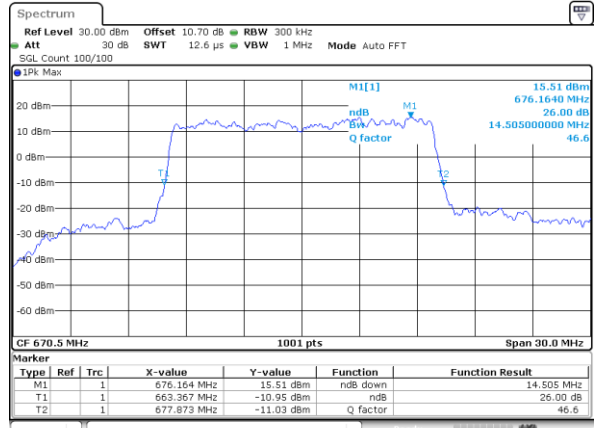


LTE Band 71

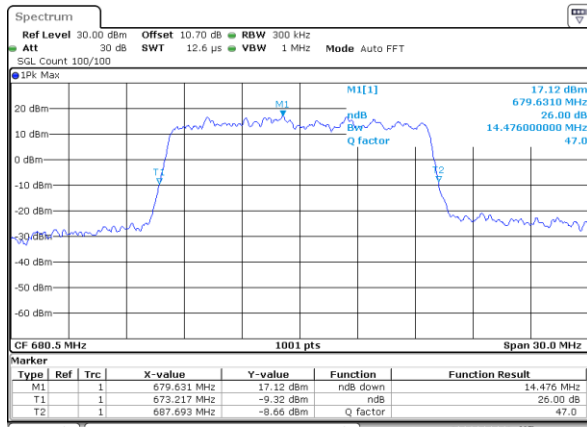
Lowest Channel / 15MHz / QPSK



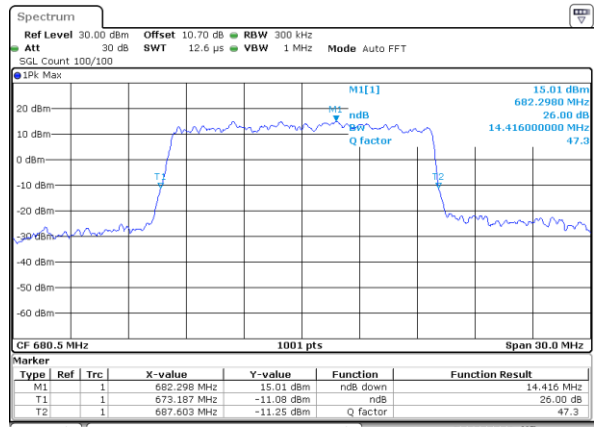
Lowest Channel / 15MHz / 16QAM



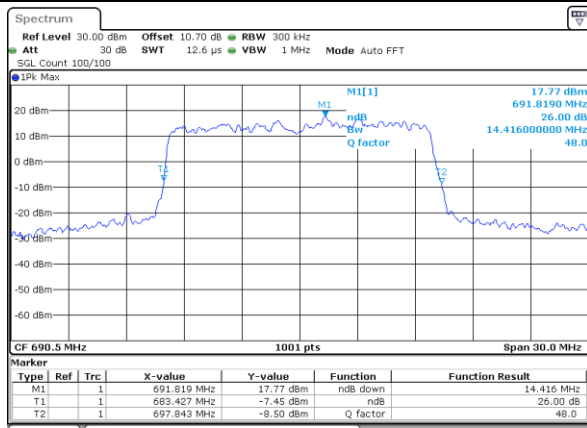
Middle Channel / 15MHz / QPSK



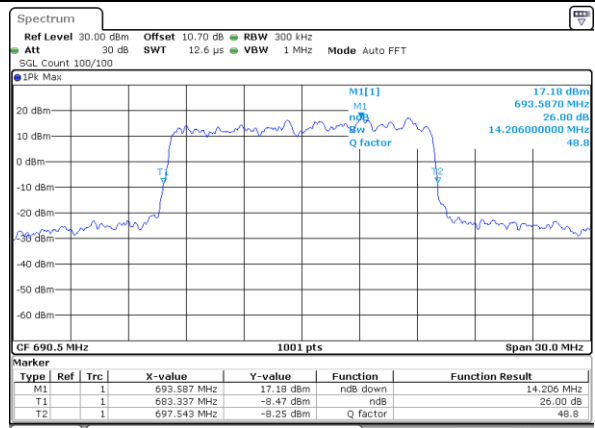
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



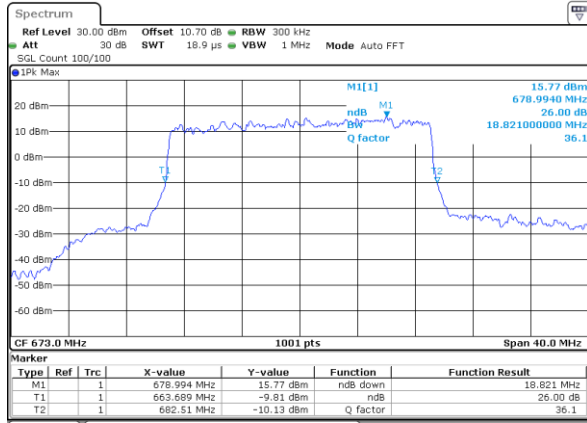
Highest Channel / 15MHz / 16QAM





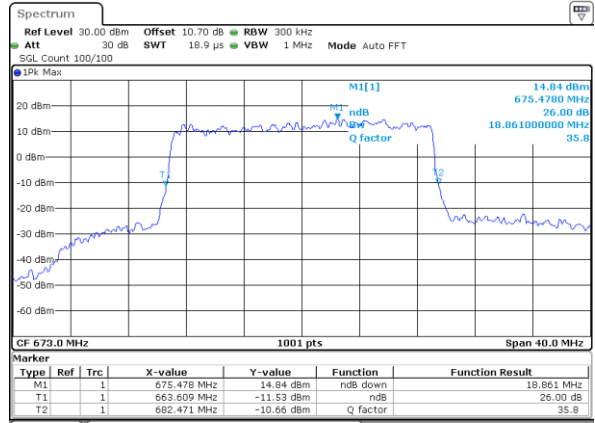
LTE Band 71

Lowest Channel / 20MHz / QPSK



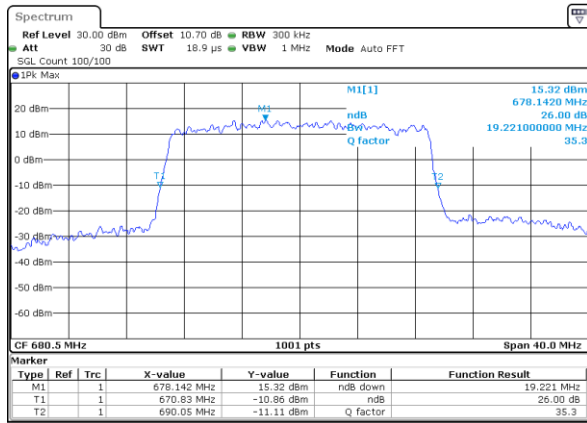
Date: 6.APR.2020 23:30:08

Lowest Channel / 20MHz / 16QAM



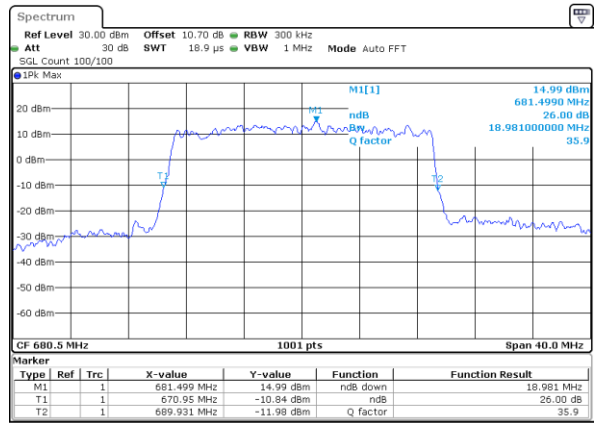
Date: 6.APR.2020 23:30:47

Middle Channel / 20MHz / QPSK



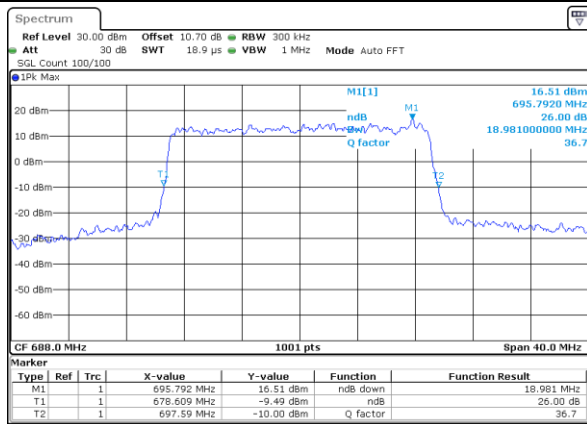
Date: 6.APR.2020 21:31:03

Middle Channel / 20MHz / 16QAM



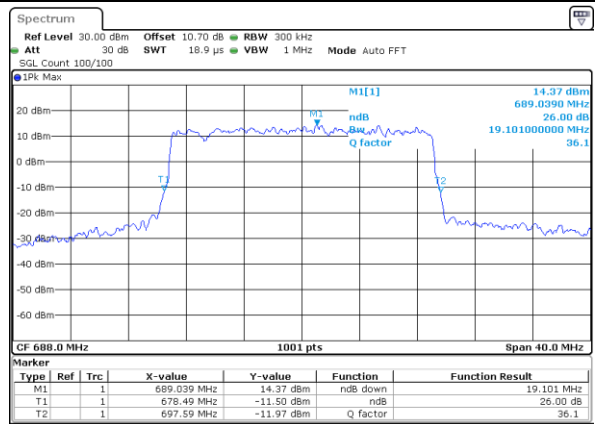
Date: 6.APR.2020 21:31:14

Highest Channel / 20MHz / QPSK



Date: 7.APR.2020 02:14:25

Highest Channel / 20MHz / 16QAM



Date: 7.APR.2020 02:14:58



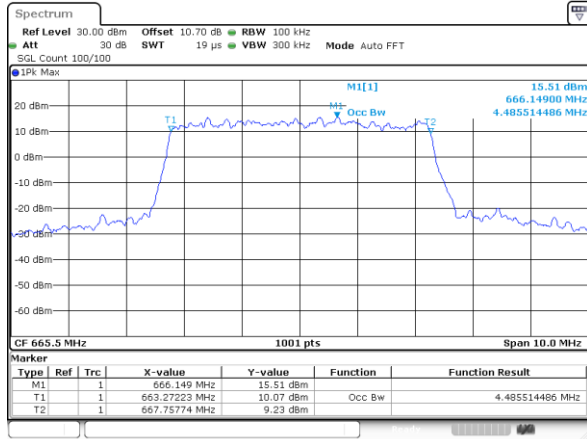
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.48	9.05	8.93	13.40	13.37	17.82	17.78
Middle CH	-	-	-	-	4.51	4.48	8.97	8.99	13.34	13.46	17.86	17.74
Highest CH	-	-	-	-	4.53	4.48	9.03	9.01	13.52	13.52	17.90	17.90

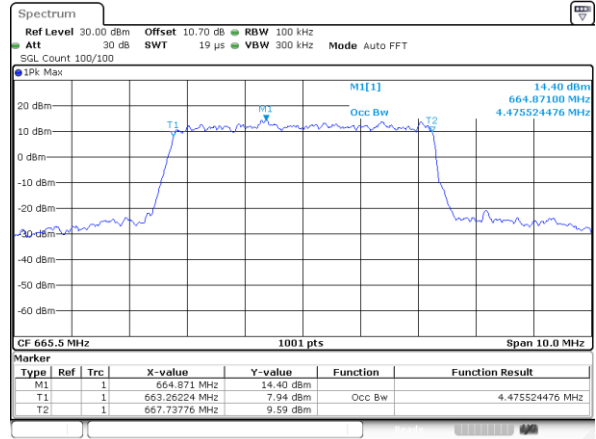


LTE Band 71

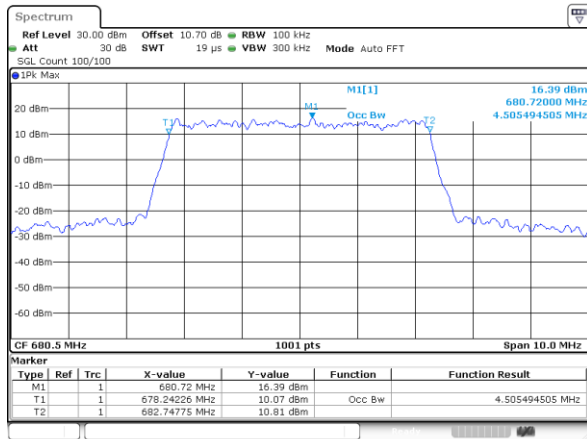
Lowest Channel / 5MHz / QPSK



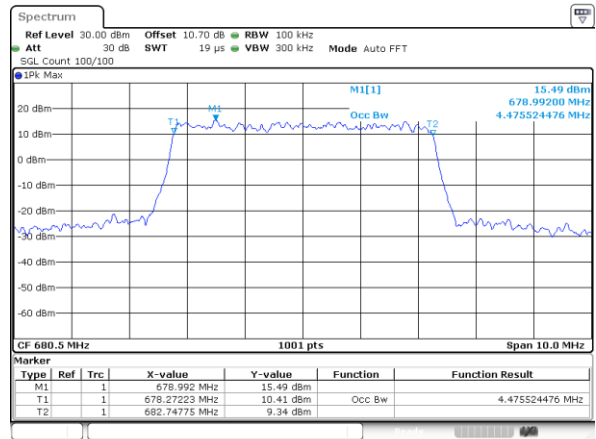
Lowest Channel / 5MHz / 16QAM



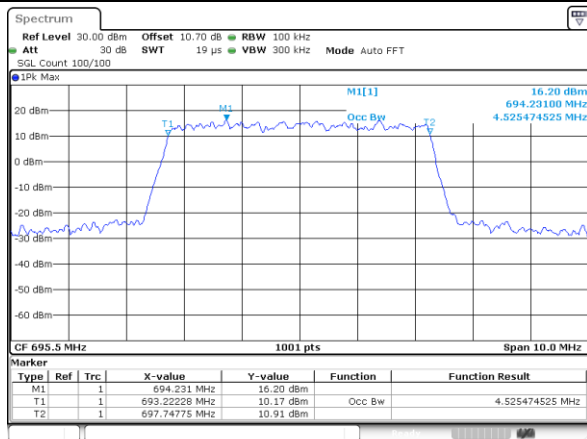
Middle Channel / 5MHz / QPSK



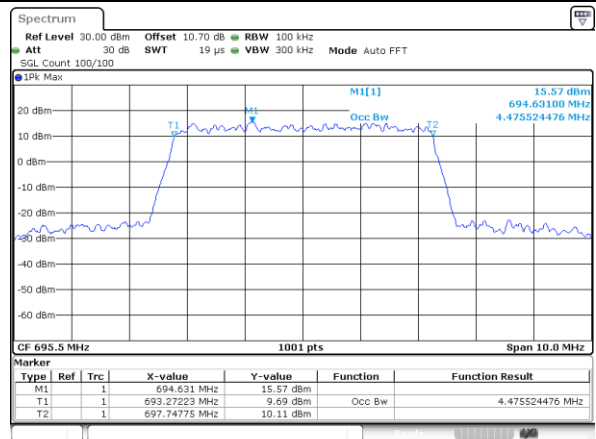
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



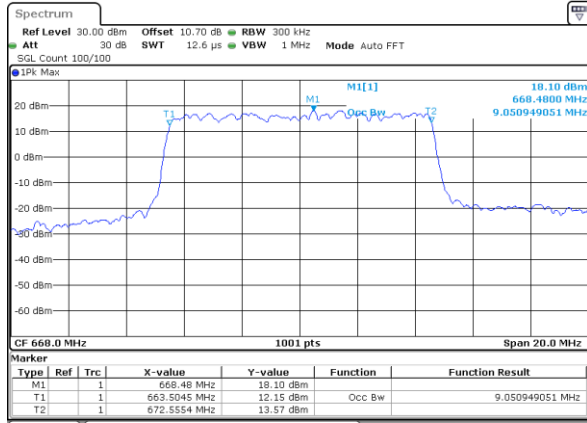
Highest Channel / 5MHz / 16QAM



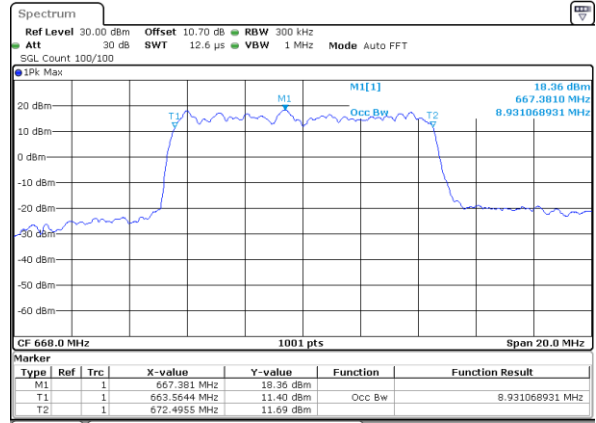


LTE Band 71

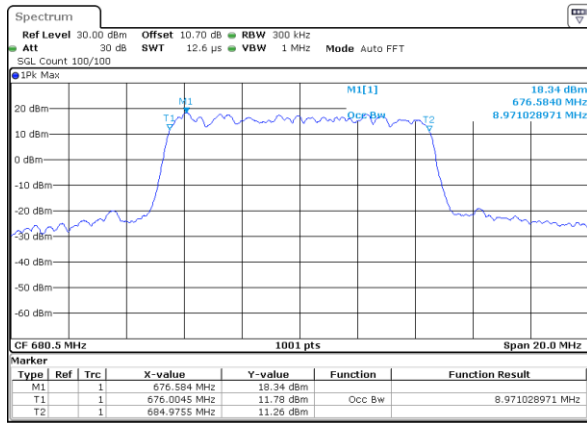
Lowest Channel / 10MHz / QPSK



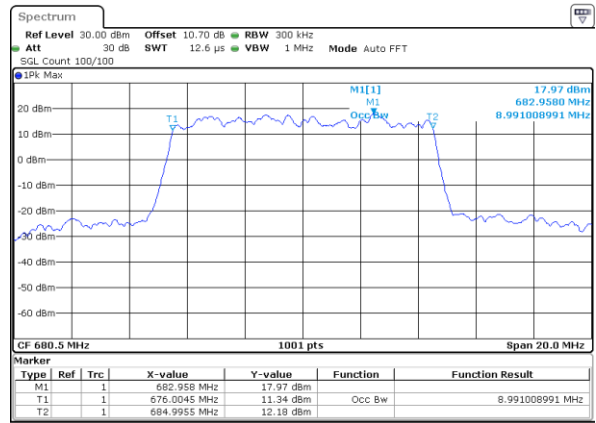
Lowest Channel / 10MHz / 16QAM



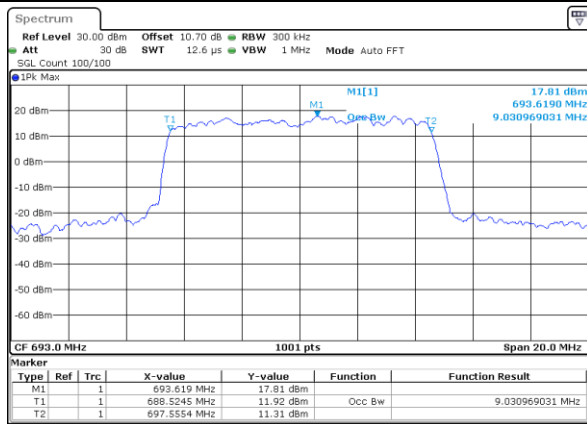
Middle Channel / 10MHz / QPSK



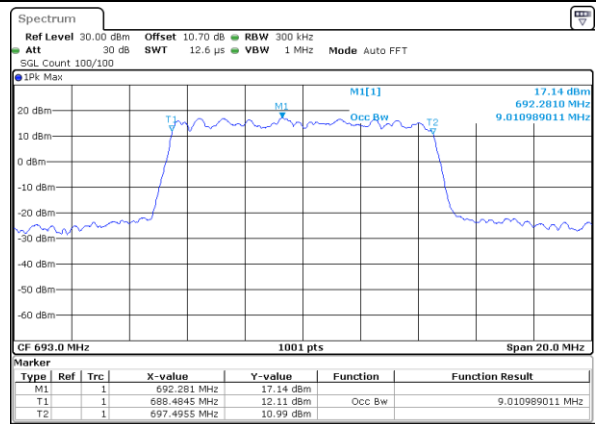
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



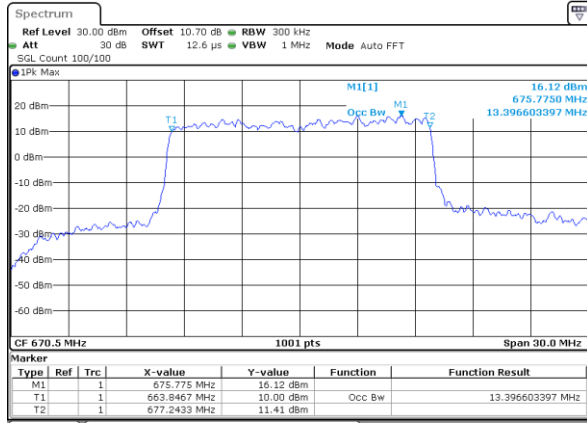
Highest Channel / 10MHz / 16QAM





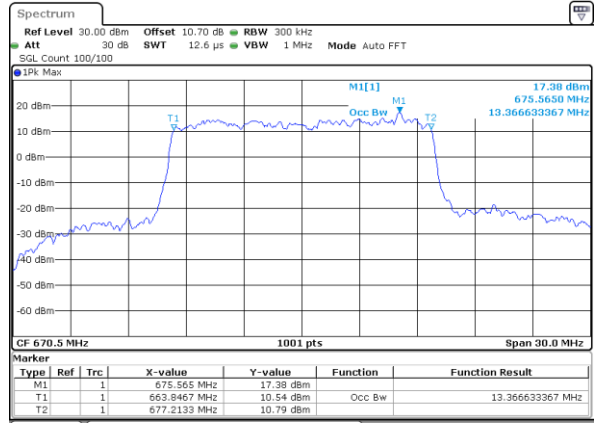
LTE Band 71

Lowest Channel / 15MHz / QPSK



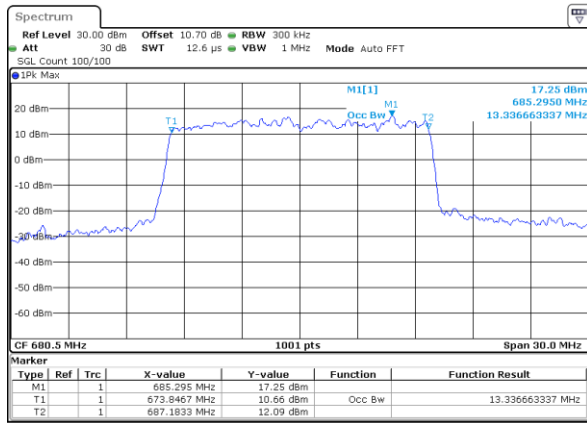
Date: 6.APR.2020 23:55:47

Lowest Channel / 15MHz / 16QAM



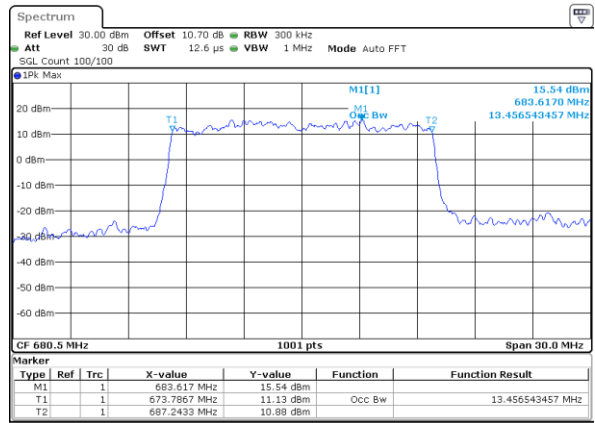
Date: 6.APR.2020 22:49:29

Middle Channel / 15MHz / QPSK



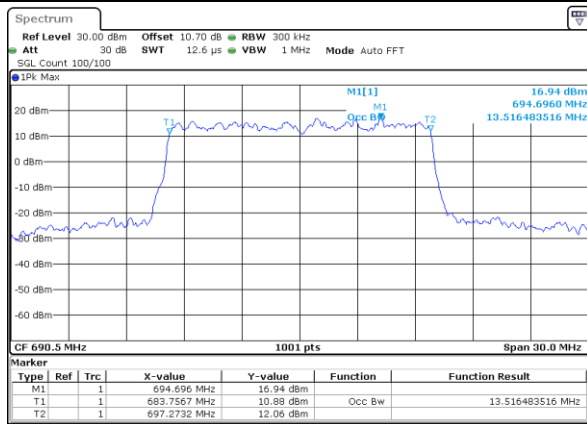
Date: 6.APR.2020 21:25:20

Middle Channel / 15MHz / 16QAM



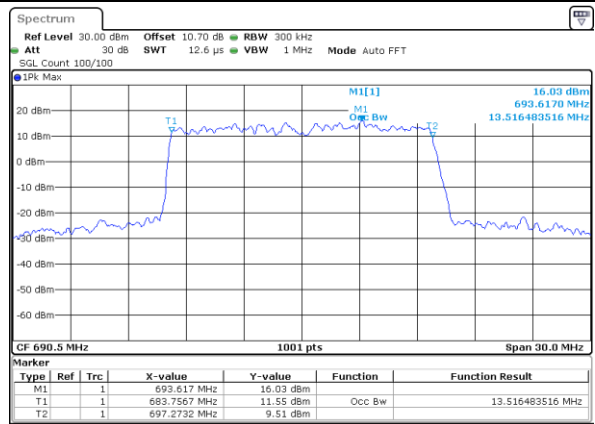
Date: 6.APR.2020 21:25:32

Highest Channel / 15MHz / QPSK



Date: 7.APR.2020 01:14:39

Highest Channel / 15MHz / 16QAM



Date: 7.APR.2020 01:15:13