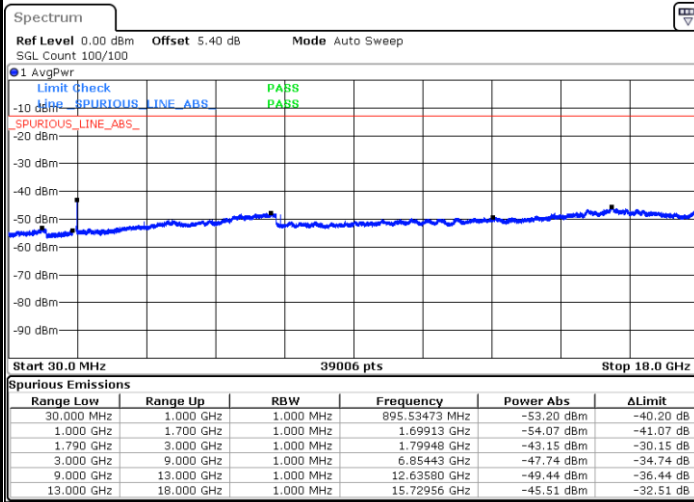




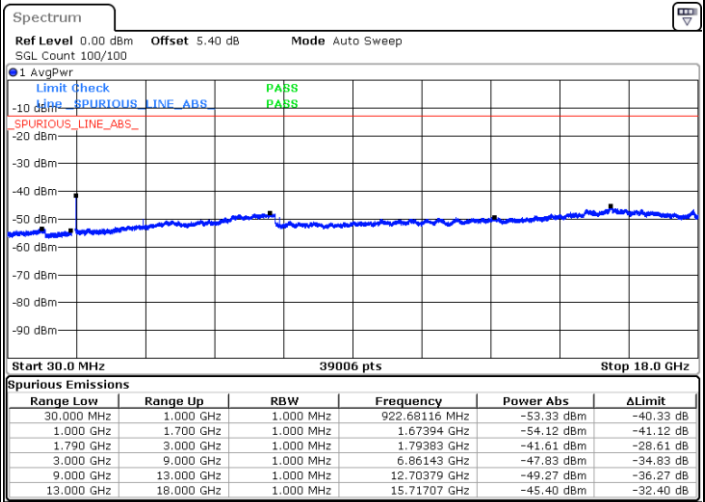
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 29 JAN 2020 04:23:05

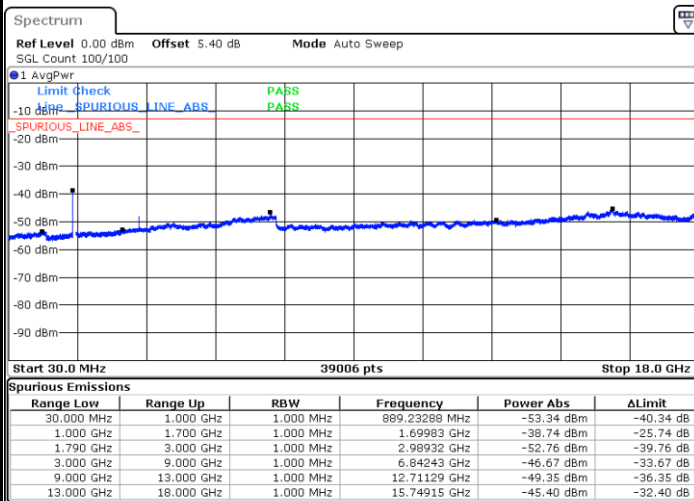
Highest Channel / 16QAM



Date: 29 JAN 2020 04:21:31

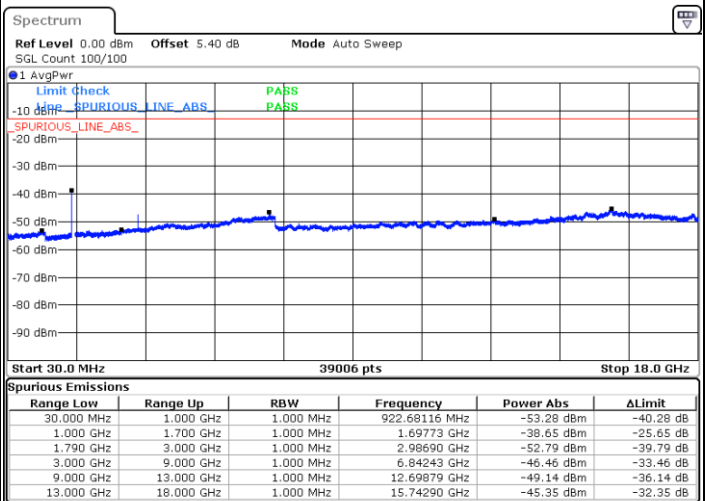
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 29 JAN 2020 04:50:55

Lowest Channel / 16QAM

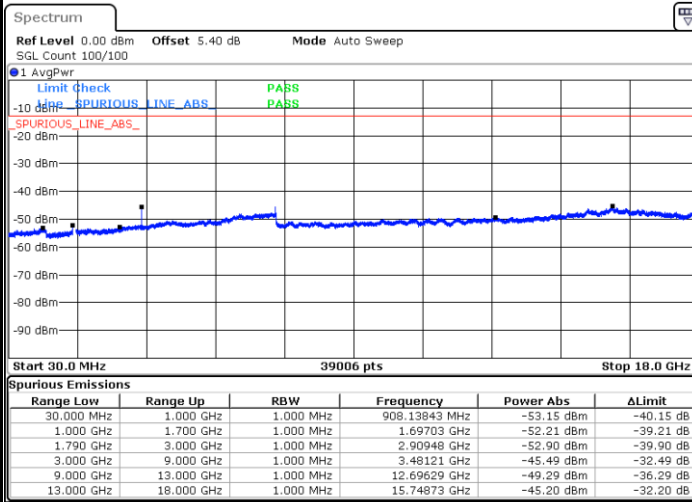


Date: 29 JAN 2020 04:49:26



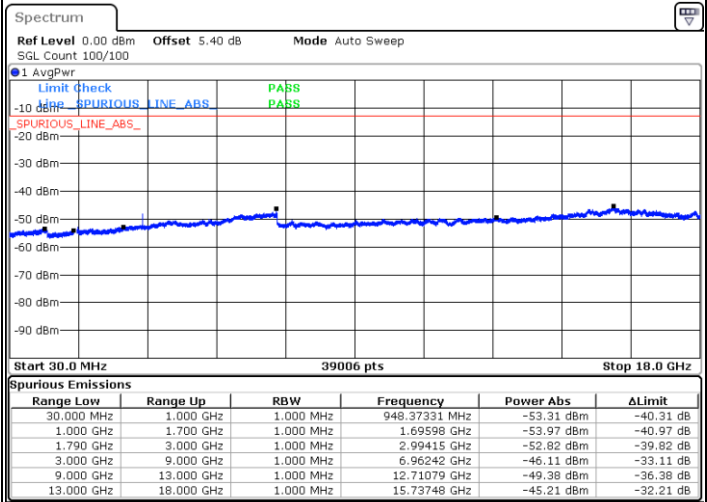
LTE Band 66 / 10MHz

Middle Channel / QPSK



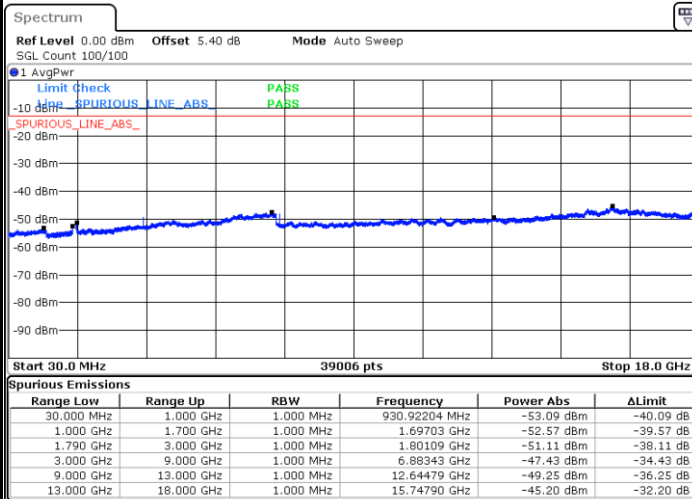
Date: 29 JAN 2020 04:52:49

Middle Channel / 16QAM



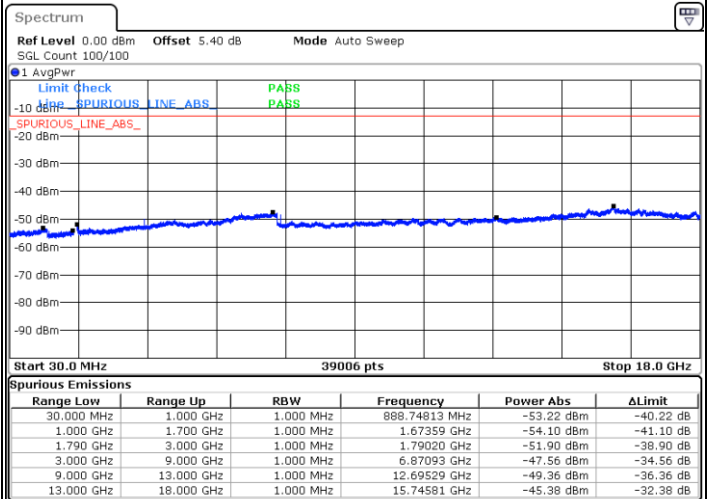
Date: 29 JAN 2020 04:53:41

Highest Channel / QPSK



Date: 29 JAN 2020 05:06:10

Highest Channel / 16QAM

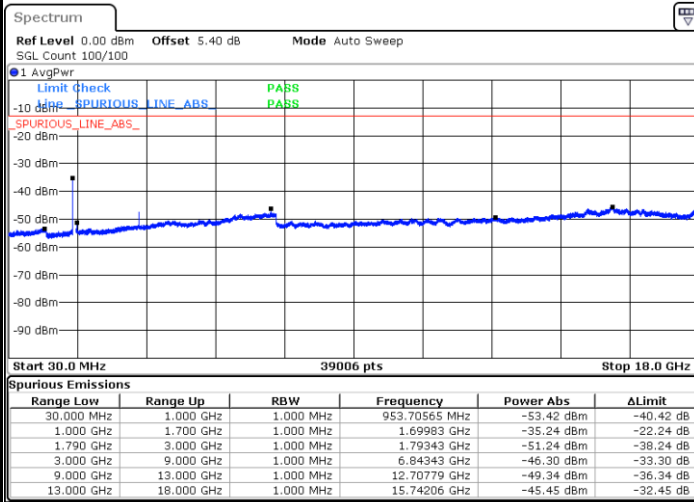


Date: 29 JAN 2020 05:05:16



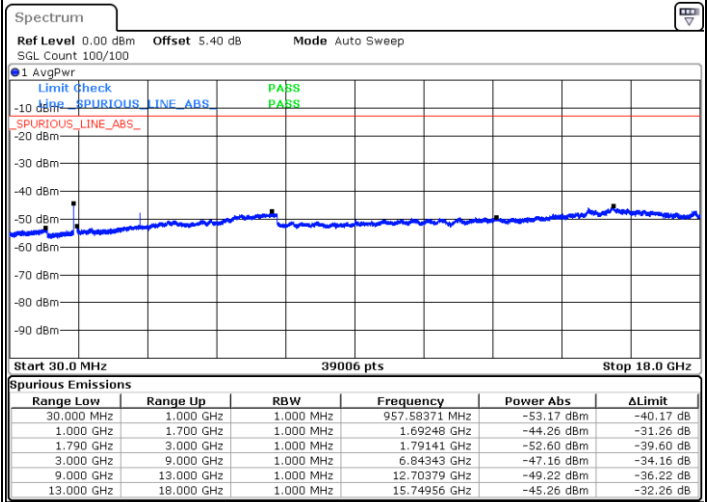
LTE Band 66 / 15MHz

Lowest Channel / QPSK



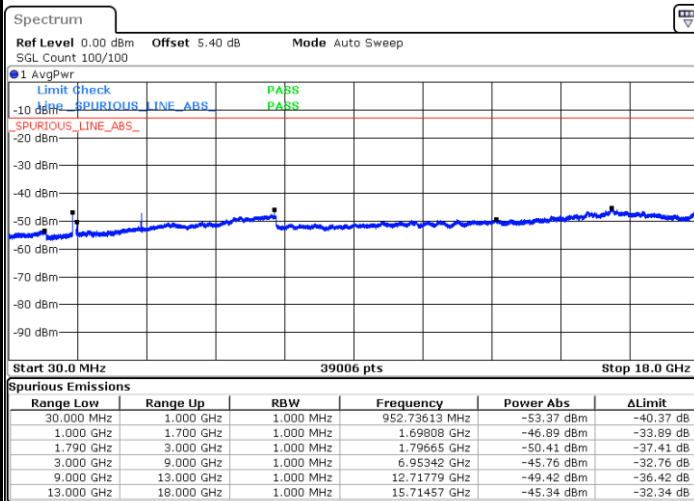
Date: 29 JAN 2020 05:44:40

Lowest Channel / 16QAM



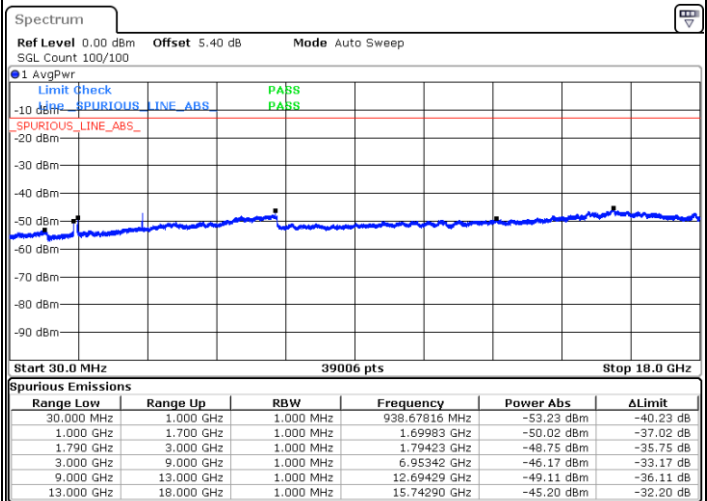
Date: 29 JAN 2020 05:43:52

Middle Channel / QPSK



Date: 29 JAN 2020 05:46:14

Middle Channel / 16QAM

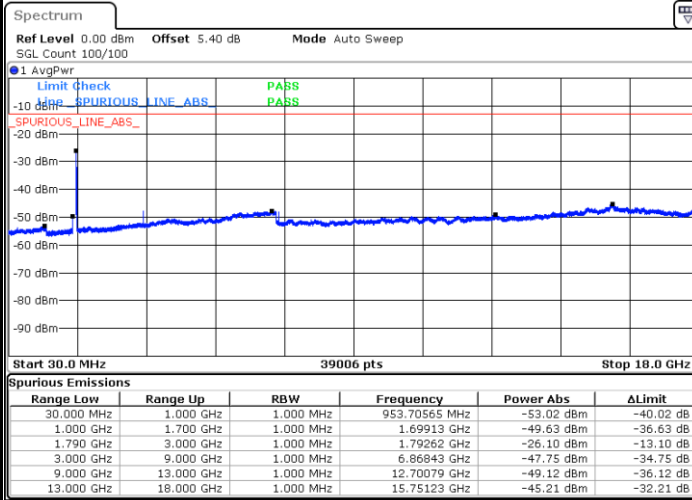


Date: 29 JAN 2020 05:46:58



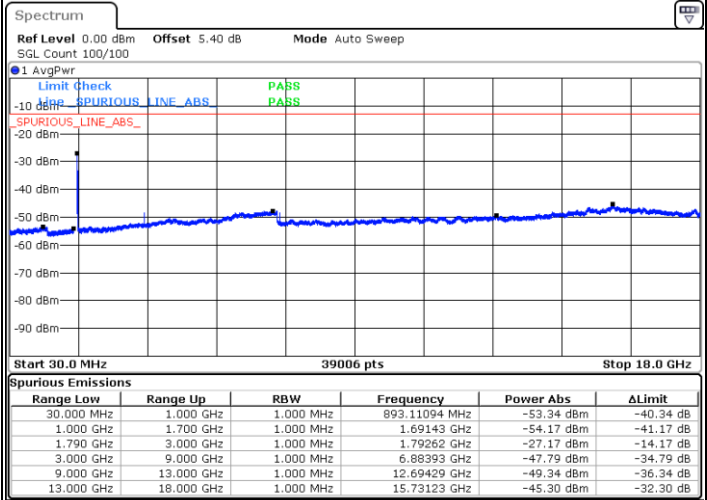
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 29 JAN 2020 05:52:50

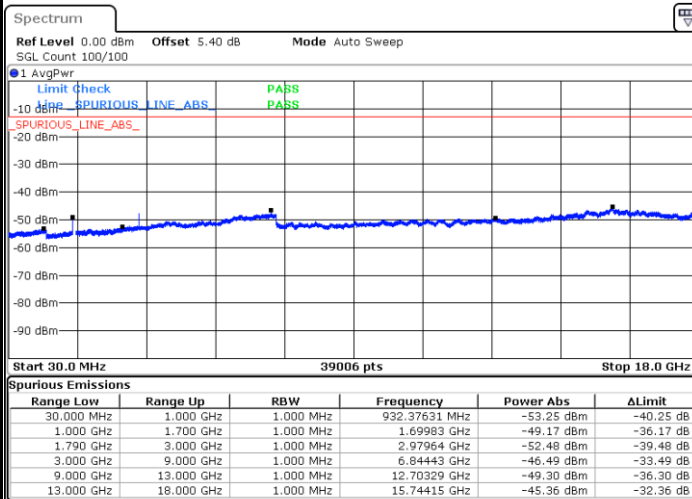
Highest Channel / 16QAM



Date: 29 JAN 2020 05:52:09

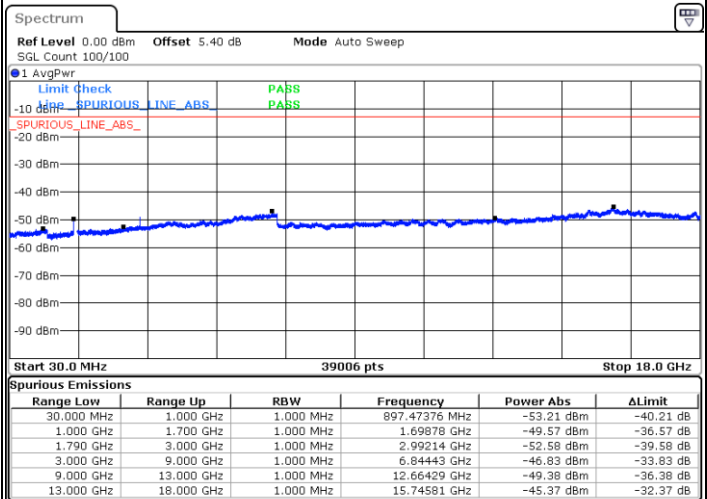
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 29 JAN 2020 06:00:17

Lowest Channel / 16QAM

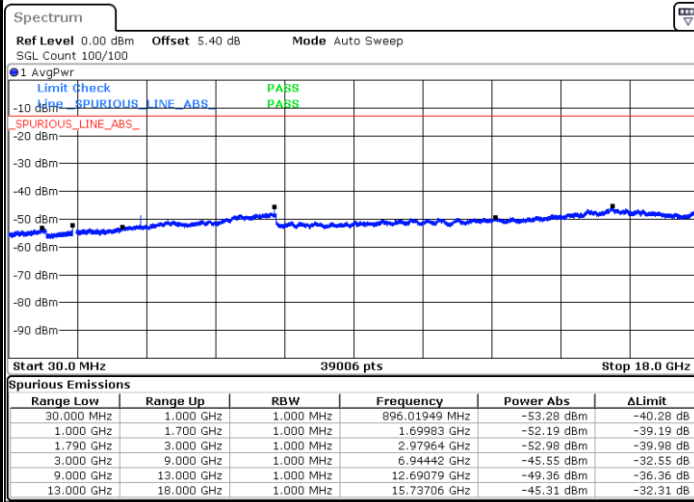


Date: 29 JAN 2020 05:59:24



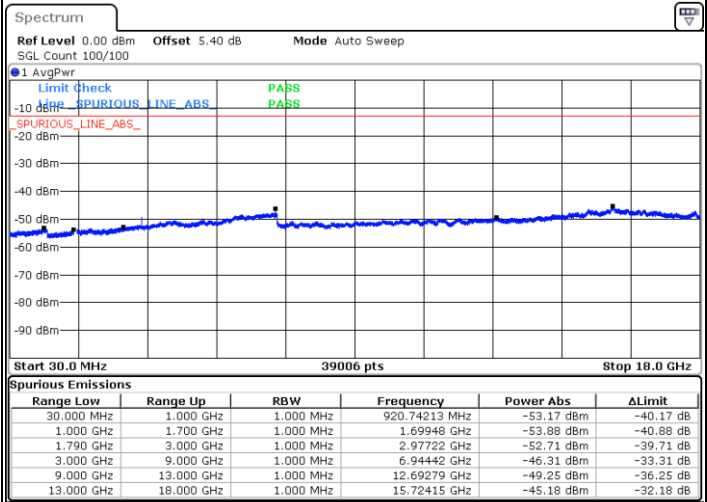
LTE Band 66 / 20MHz

Middle Channel / QPSK



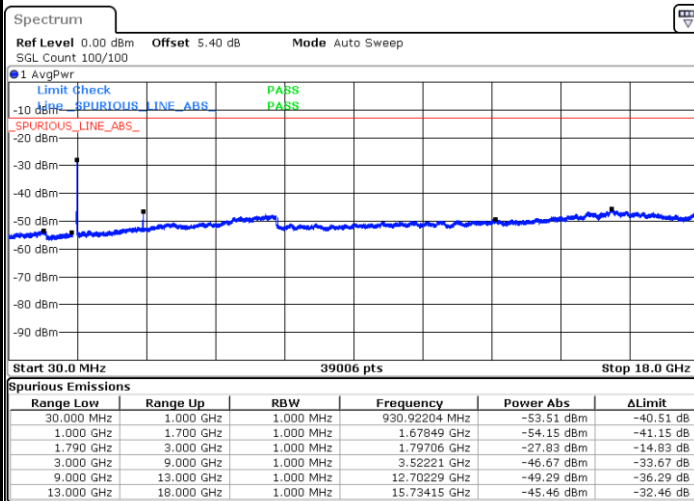
Date: 29 JAN 2020 06:01:13

Middle Channel / 16QAM



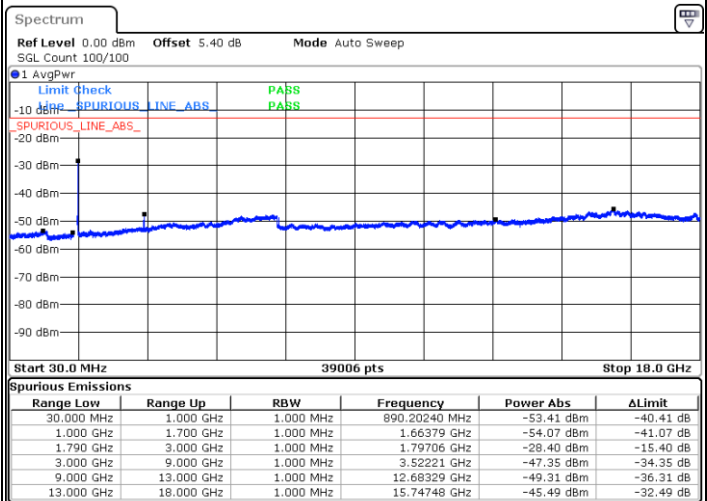
Date: 29 JAN 2020 06:05:06

Highest Channel / QPSK



Date: 29 JAN 2020 06:23:53

Highest Channel / 16QAM



Date: 29 JAN 2020 06:13:44

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	0.0012	PASS
40	Normal Voltage	0.0025	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0034	
0	Normal Voltage	0.0005	
-10	Normal Voltage	0.0002	
-20	Normal Voltage	0.0020	
-30	Normal Voltage	0.0005	
20	Maximum Voltage	0.0029	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0007	

Note:

1. Normal Voltage =3.7V. ; Battery End Point (BEP) =3.5V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

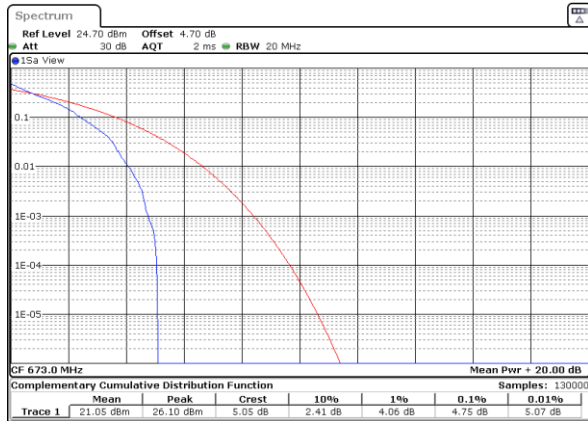
Peak-to-Average Ratio

Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.75	5.33	6.03	6.14	PASS
Middle CH	5.28	5.28	6.06	5.91	
Highest CH	5.22	5.30	6.75	6.09	

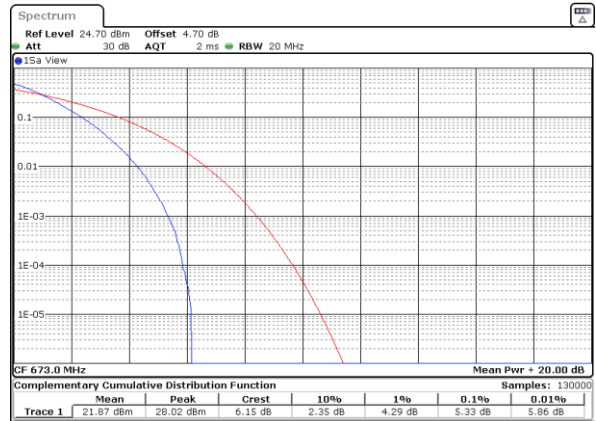


LTE Band 71 / 20MHz / QPSK

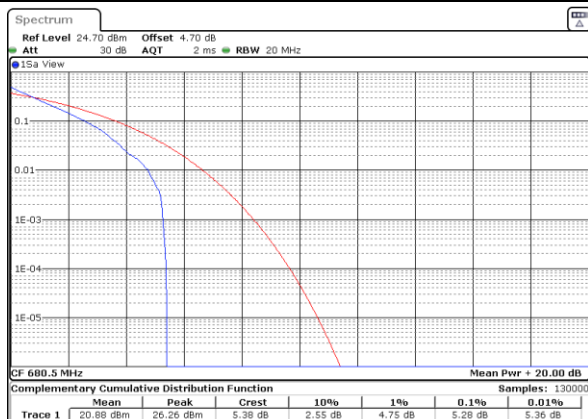
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



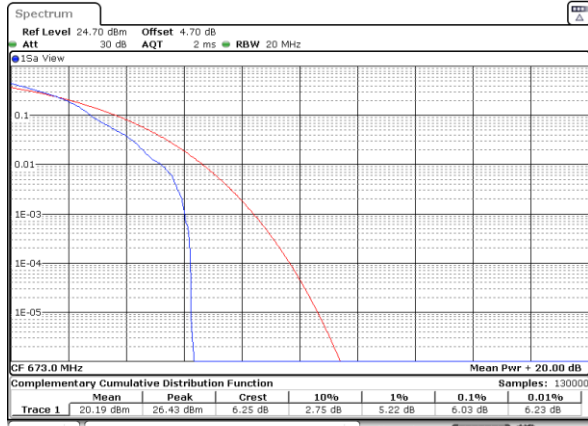
Highest Channel / Full RB



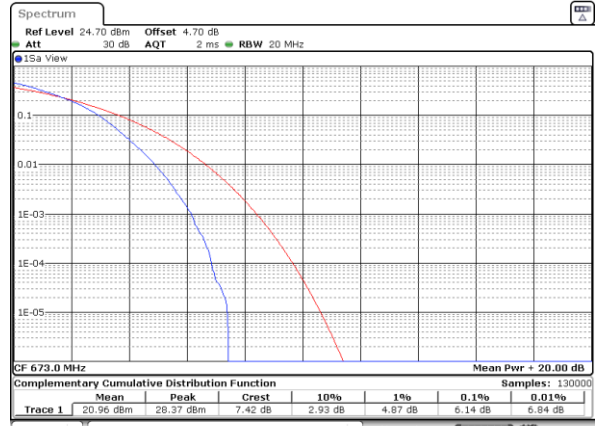


LTE Band 71 / 20MHz / 16QAM

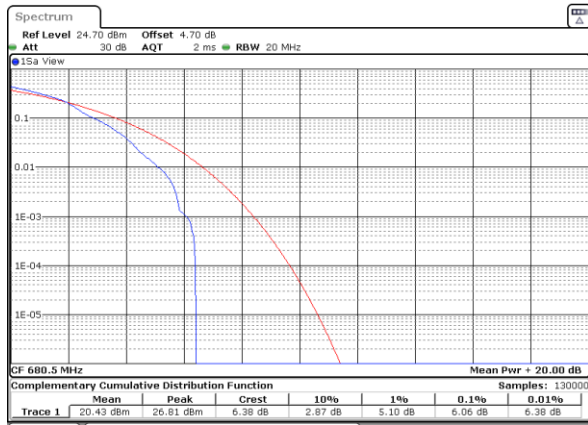
Lowest Channel / 1RB



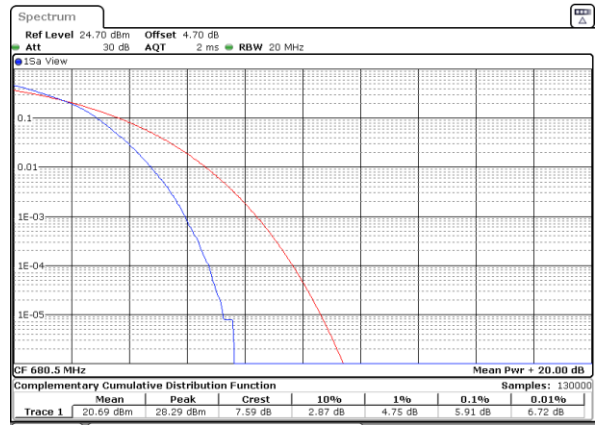
Lowest Channel / Full RB



Middle Channel / 1RB



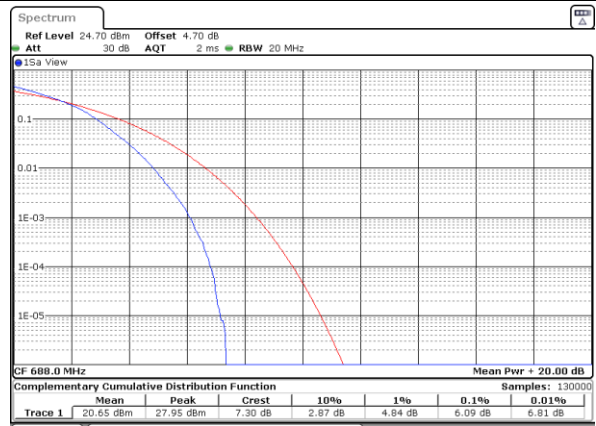
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



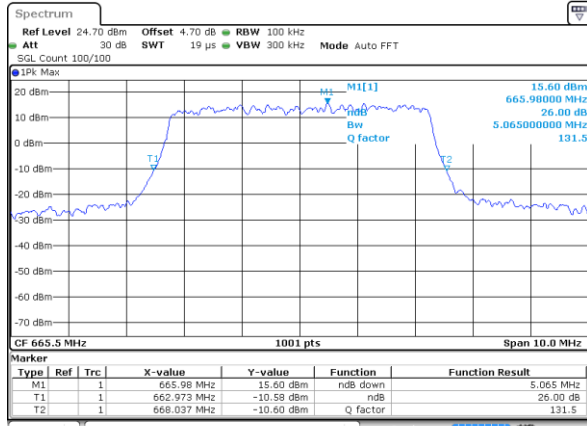
**26dB Bandwidth**

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	-	-	-	-	5.07	5.01	9.63	9.71	14.69	14.57	19.02	18.66
Middle CH	-	-	-	-	5.11	4.99	9.99	9.61	14.27	14.12	19.22	19.34
Highest CH	-	-	-	-	5.17	5.06	9.91	9.91	14.72	14.48	19.02	19.18



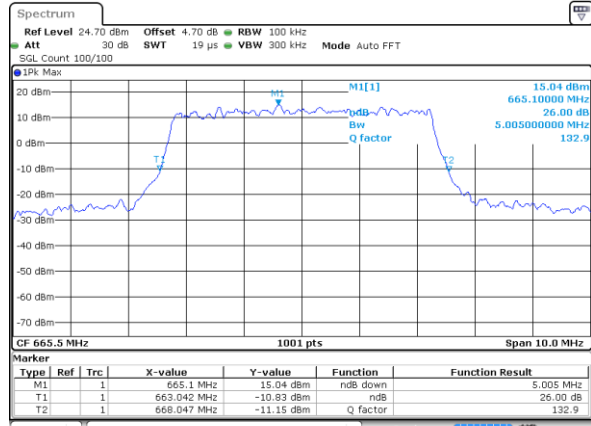
LTE Band 71

Lowest Channel / 5MHz / QPSK



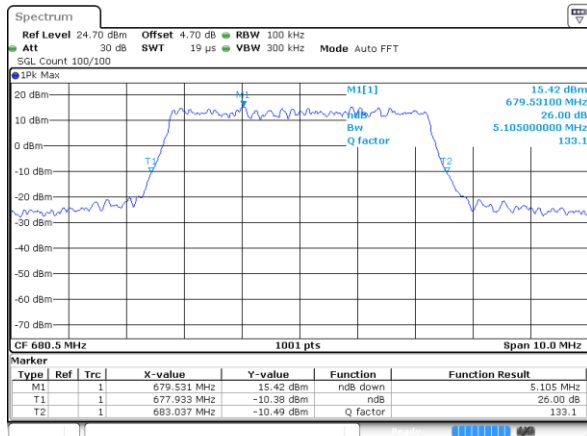
Date: 5 FEB 2020 23:09:45

Lowest Channel / 5MHz / 16QAM



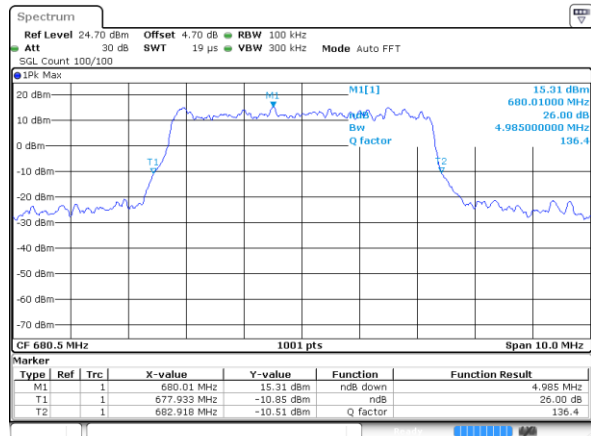
Date: 5 FEB 2020 23:11:56

Middle Channel / 5MHz / QPSK



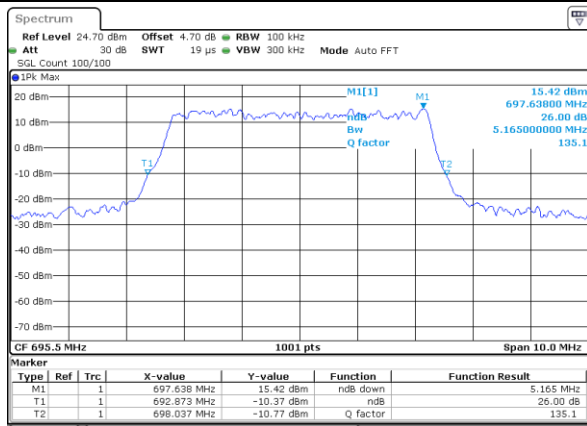
Date: 5 FEB 2020 23:23:54

Middle Channel / 5MHz / 16QAM



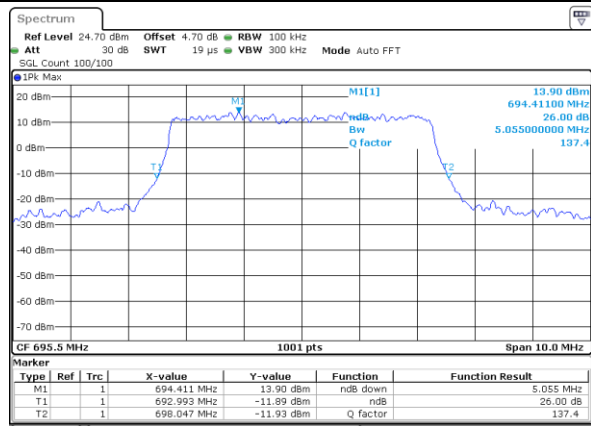
Date: 5 FEB 2020 23:23:54

Highest Channel / 5MHz / QPSK



Date: 5 FEB 2020 23:24:26

Highest Channel / 5MHz / 16QAM

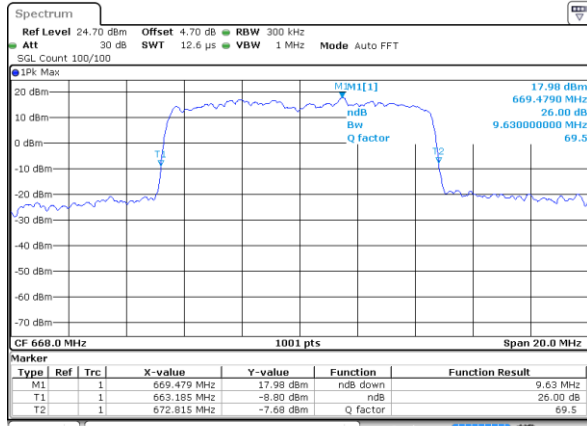


Date: 5 FEB 2020 23:25:26



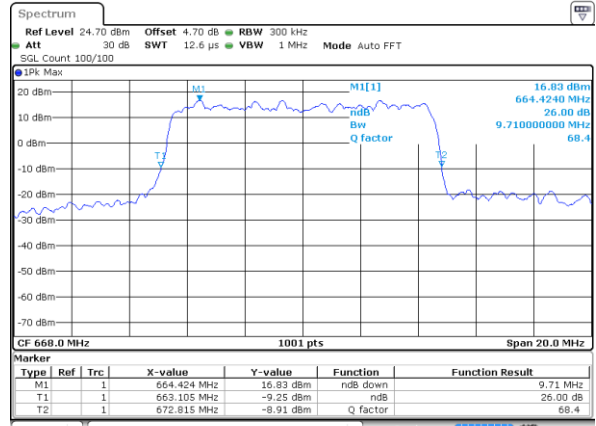
LTE Band 71

Lowest Channel / 10MHz / QPSK



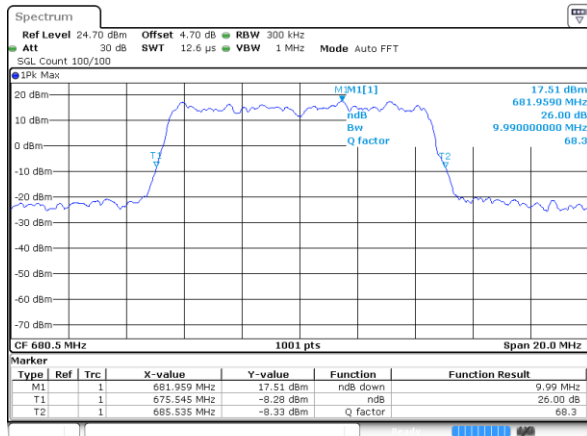
Date: 5 FEB 2020 23:32:16

Lowest Channel / 10MHz / 16QAM



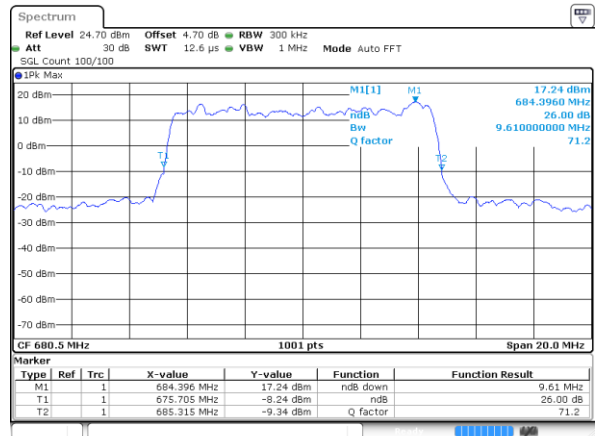
Date: 5 FEB 2020 23:31:00

Middle Channel / 10MHz / QPSK



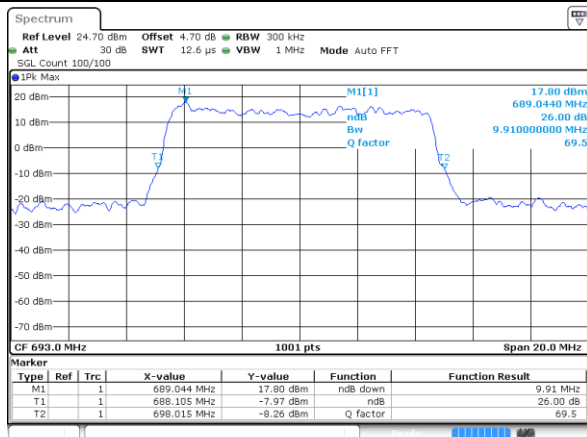
Date: 5 FEB 2020 23:38:15

Middle Channel / 10MHz / 16QAM



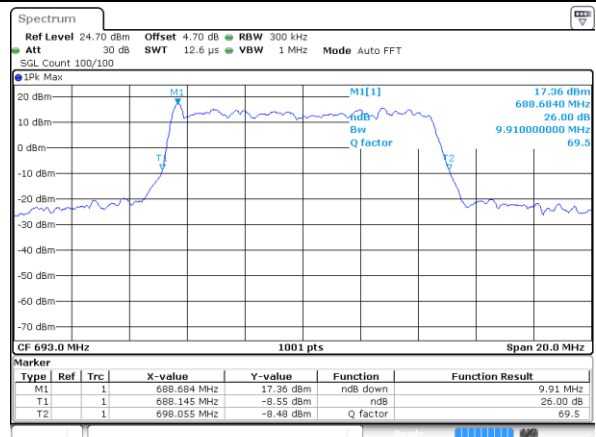
Date: 5 FEB 2020 23:38:35

Highest Channel / 10MHz / QPSK



Date: 5 FEB 2020 23:40:07

Highest Channel / 10MHz / 16QAM

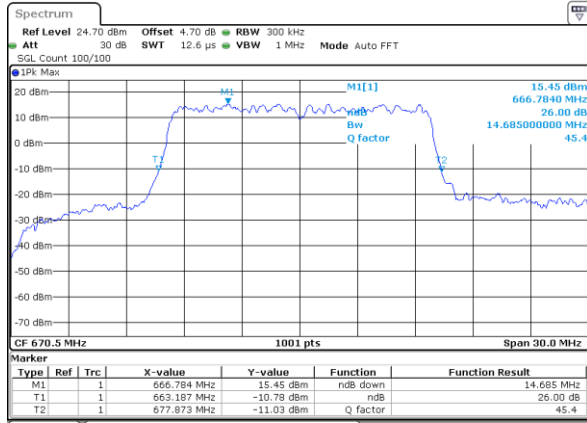


Date: 5 FEB 2020 23:39:06

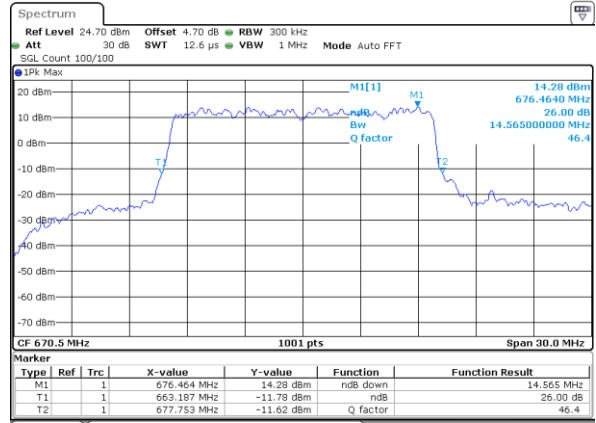


LTE Band 71

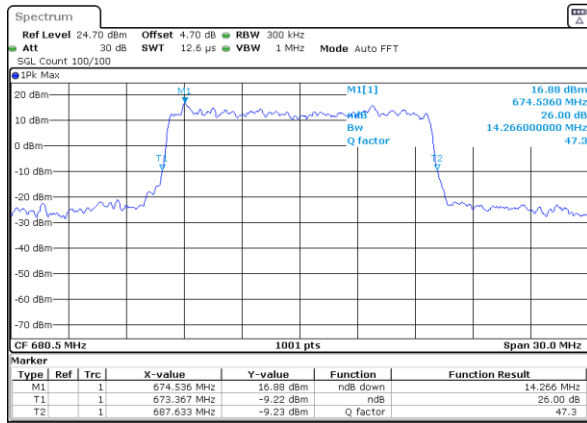
Lowest Channel / 15MHz / QPSK



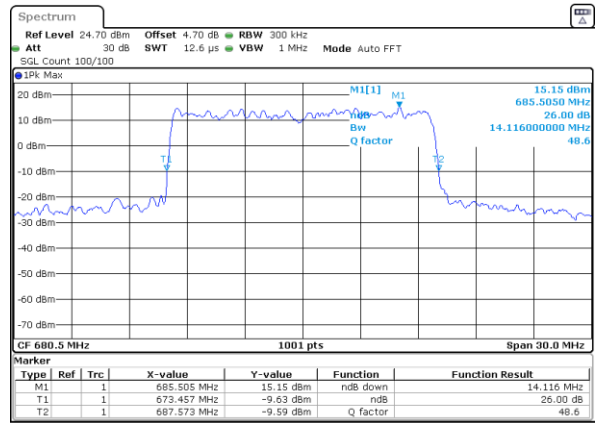
Lowest Channel / 15MHz / 16QAM



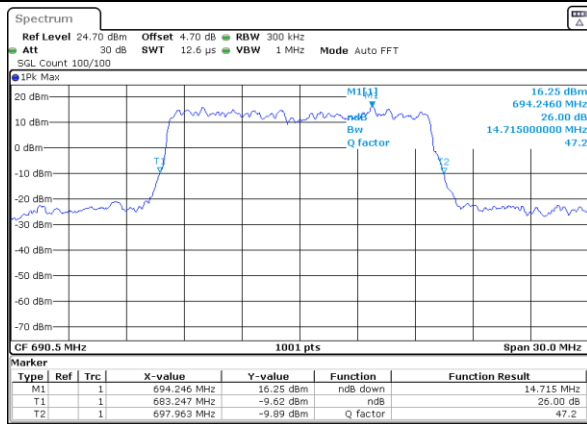
Middle Channel / 15MHz / QPSK



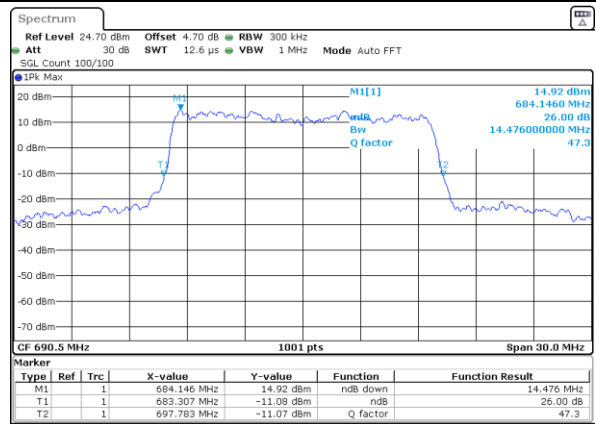
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



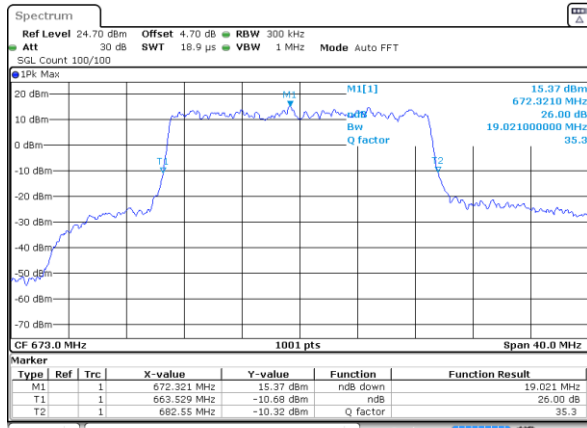
Highest Channel / 15MHz / 16QAM





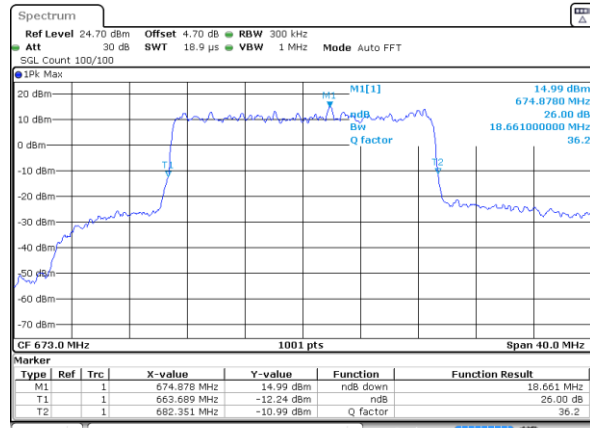
LTE Band 71

Lowest Channel / 20MHz / QPSK



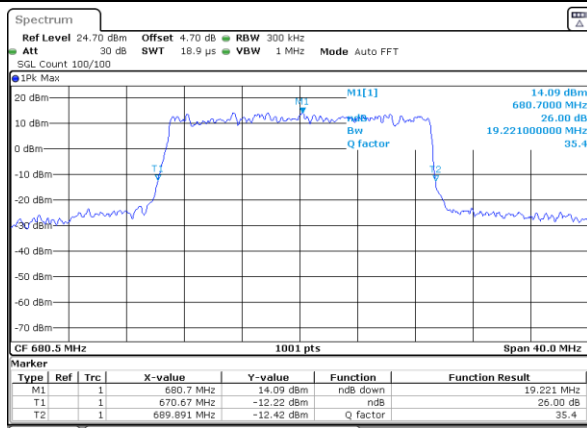
Date: 6 FEB 2020 00:20:03

Lowest Channel / 20MHz / 16QAM



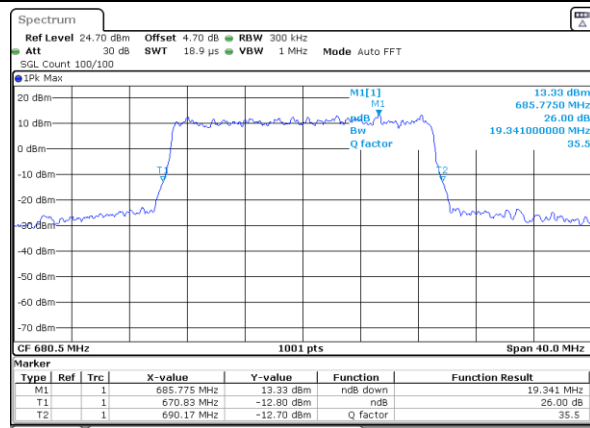
Date: 6 FEB 2020 00:16:52

Middle Channel / 20MHz / QPSK



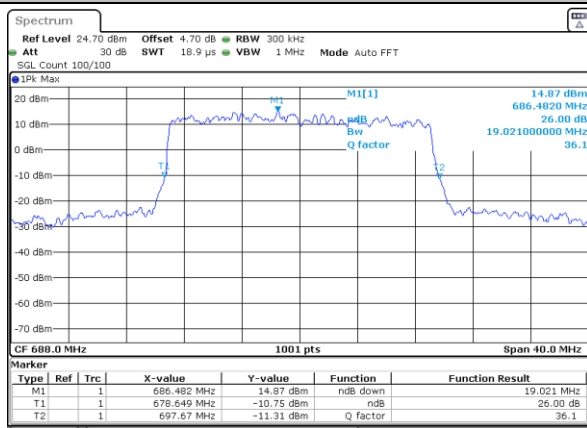
Date: 6 FEB 2020 00:24:48

Middle Channel / 20MHz / 16QAM



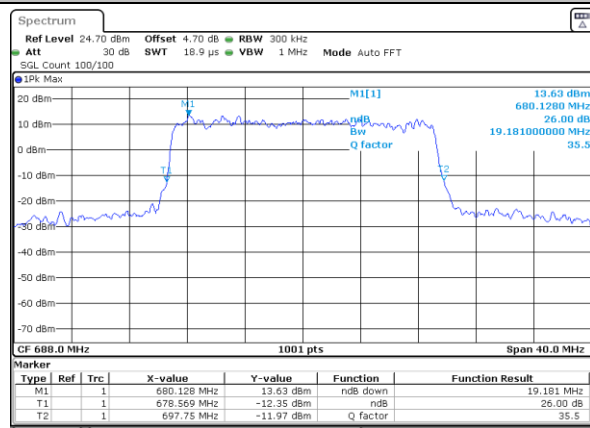
Date: 6 FEB 2020 00:25:15

Highest Channel / 20MHz / QPSK



Date: 6 FEB 2020 00:27:03

Highest Channel / 20MHz / 16QAM



Date: 6 FEB 2020 00:25:53

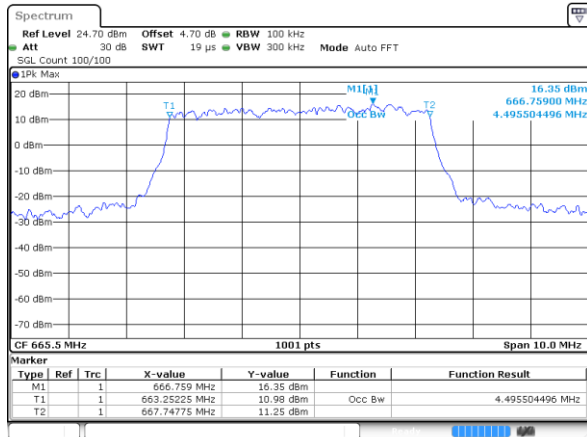
**Occupied Bandwidth**

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	-	-	-	-	4.50	4.49	8.99	9.01	13.49	13.49	17.90	17.86
Middle CH	-	-	-	-	4.50	4.51	9.01	8.99	13.46	13.52	17.78	17.90
Highest CH	-	-	-	-	4.50	4.50	9.05	9.03	13.43	13.49	17.94	17.90



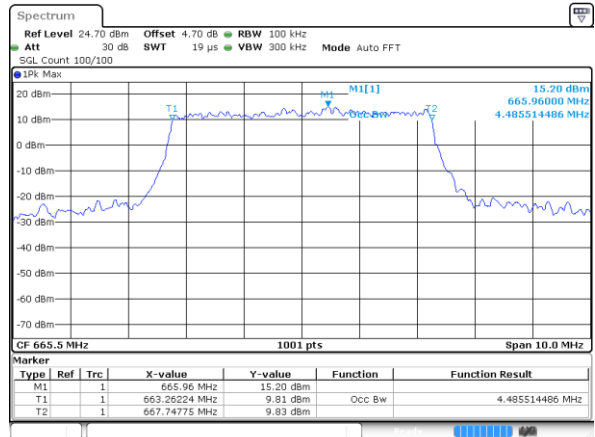
LTE Band 71

Lowest Channel / 5MHz / QPSK



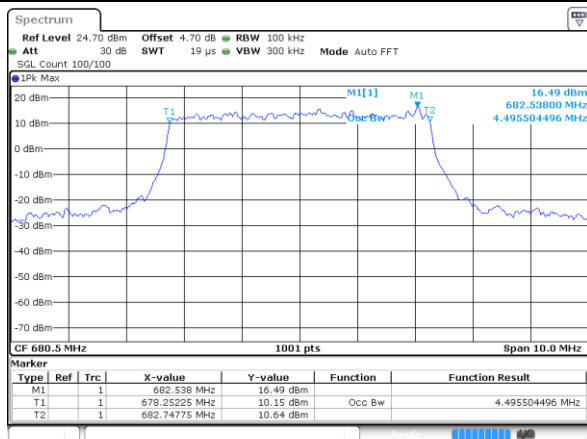
Date: 5 FEB 2020 23:08:43

Lowest Channel / 5MHz / 16QAM



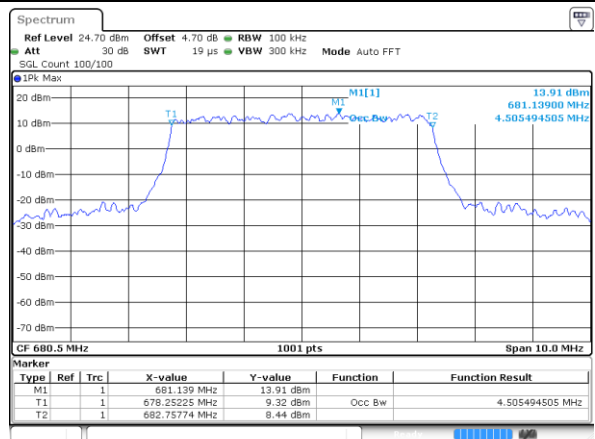
Date: 5 FEB 2020 23:11:51

Middle Channel / 5MHz / QPSK



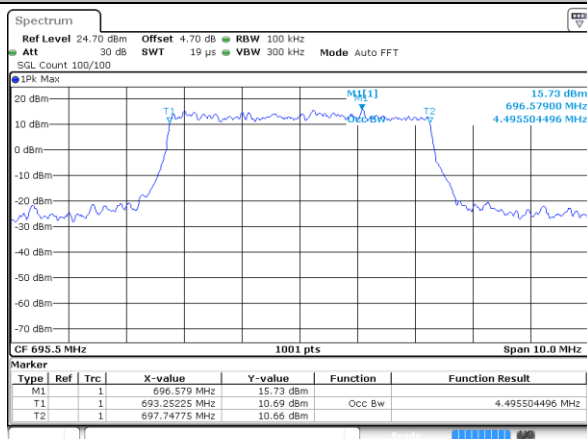
Date: 5 FEB 2020 23:23:48

Middle Channel / 5MHz / 16QAM



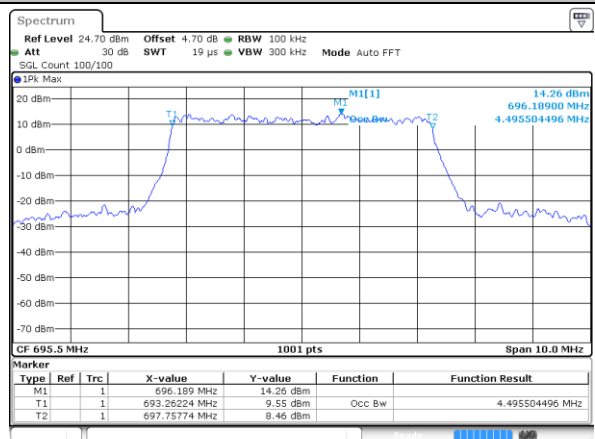
Date: 5 FEB 2020 23:23:29

Highest Channel / 5MHz / QPSK



Date: 5 FEB 2020 23:24:20

Highest Channel / 5MHz / 16QAM

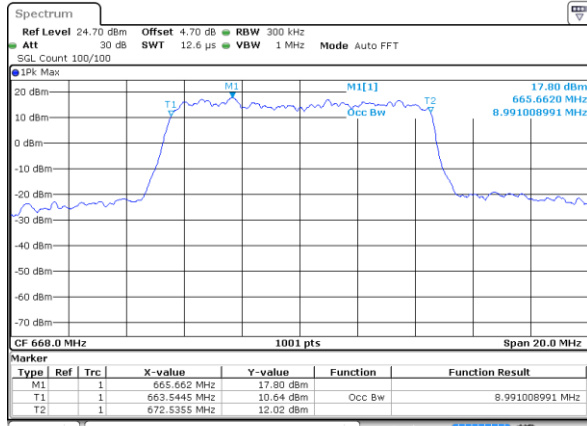


Date: 5 FEB 2020 23:25:20



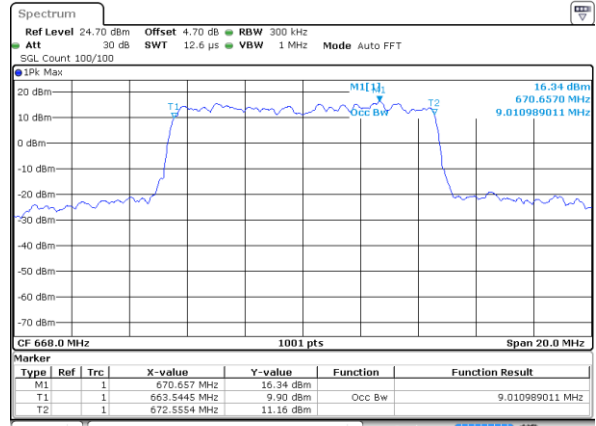
LTE Band 71

Lowest Channel / 10MHz / QPSK



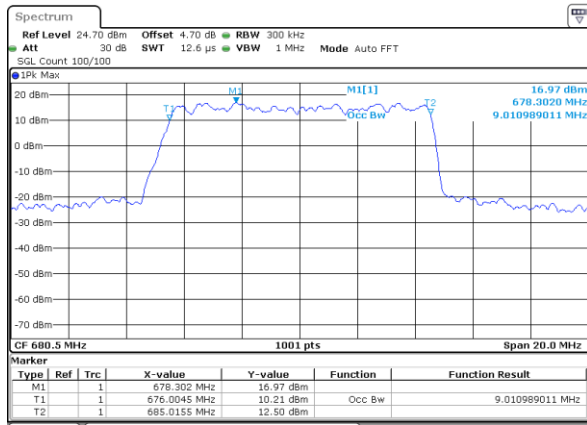
Date: 5 FEB 2020 23:32:11

Lowest Channel / 10MHz / 16QAM



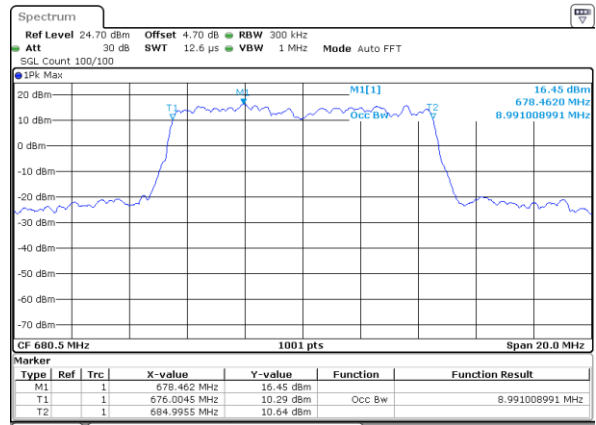
Date: 5 FEB 2020 23:30:53

Middle Channel / 10MHz / QPSK



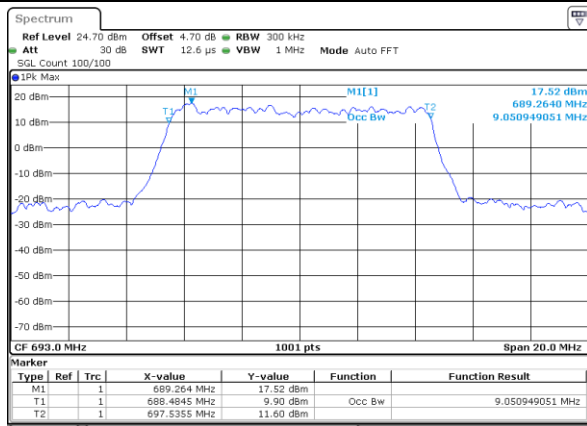
Date: 5 FEB 2020 23:38:09

Middle Channel / 10MHz / 16QAM



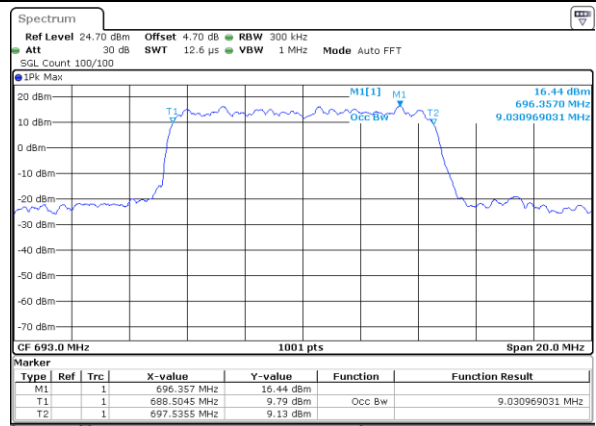
Date: 5 FEB 2020 23:38:30

Highest Channel / 10MHz / QPSK



Date: 5 FEB 2020 23:40:01

Highest Channel / 10MHz / 16QAM

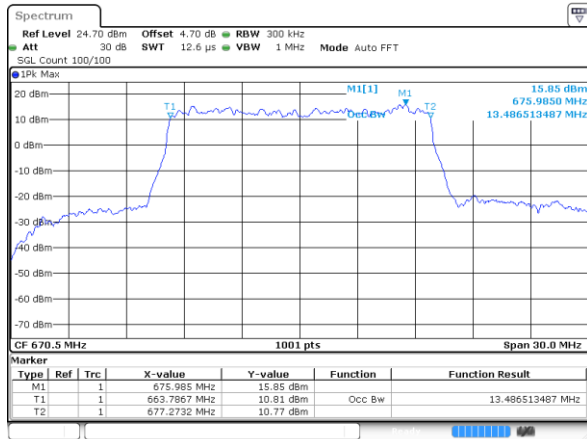


Date: 5 FEB 2020 23:39:00

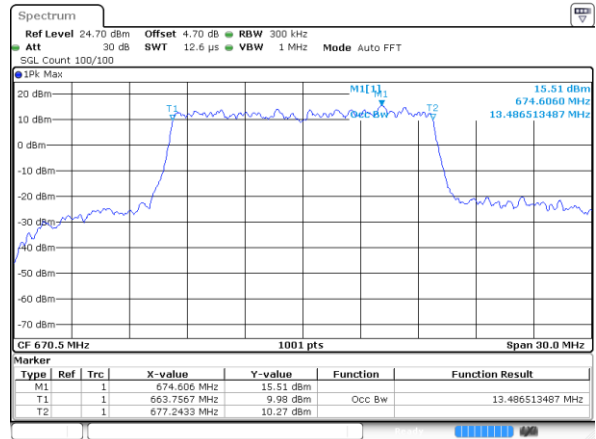


LTE Band 71

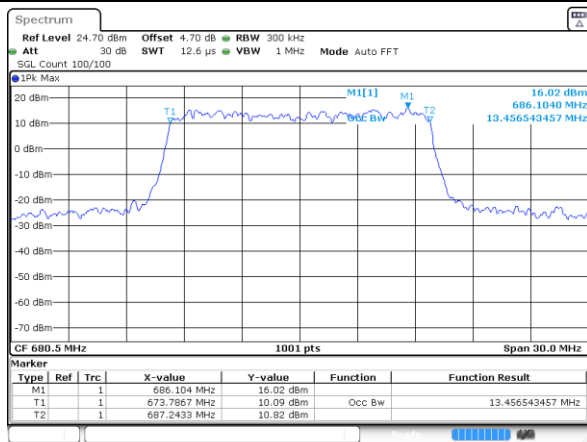
Lowest Channel / 15MHz / QPSK



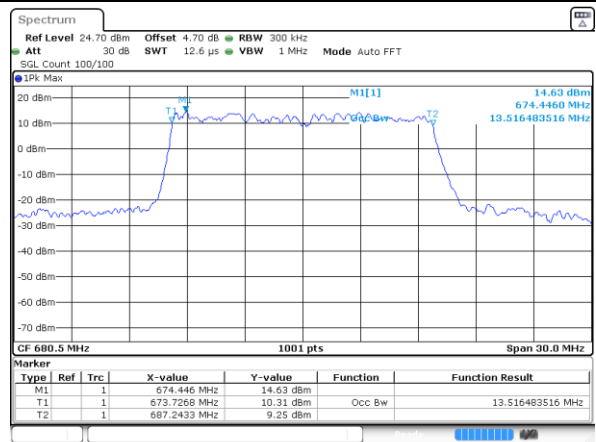
Lowest Channel / 15MHz / 16QAM



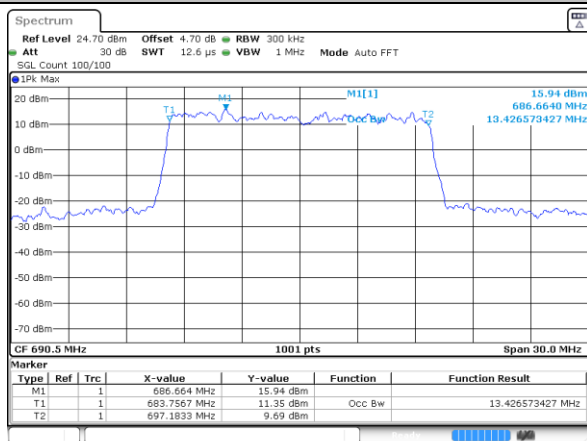
Middle Channel / 15MHz / QPSK



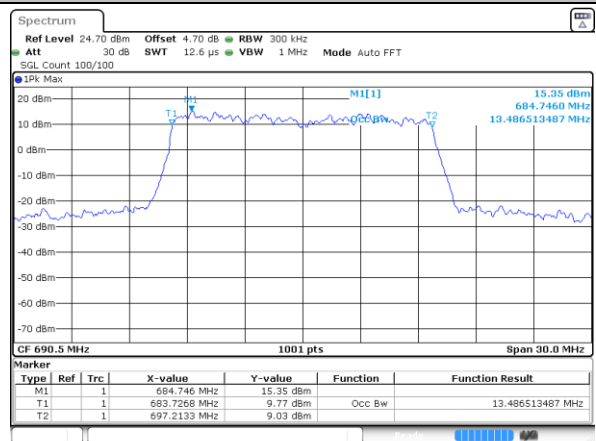
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



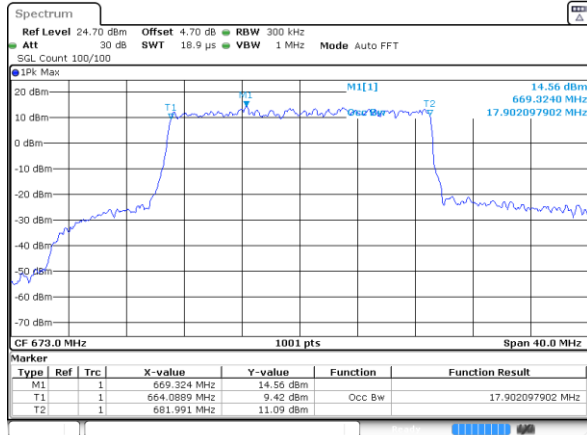
Highest Channel / 15MHz / 16QAM





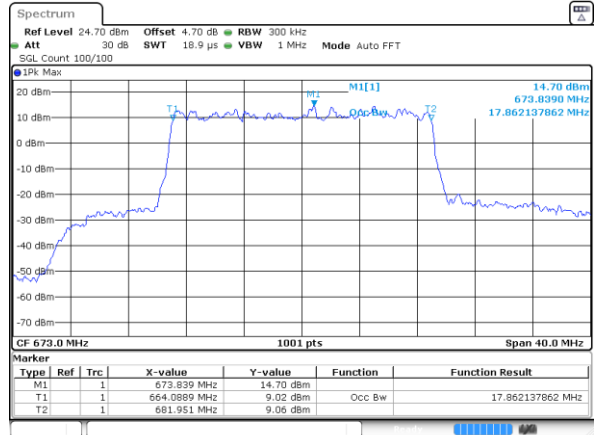
LTE Band 71

Lowest Channel / 20MHz / QPSK



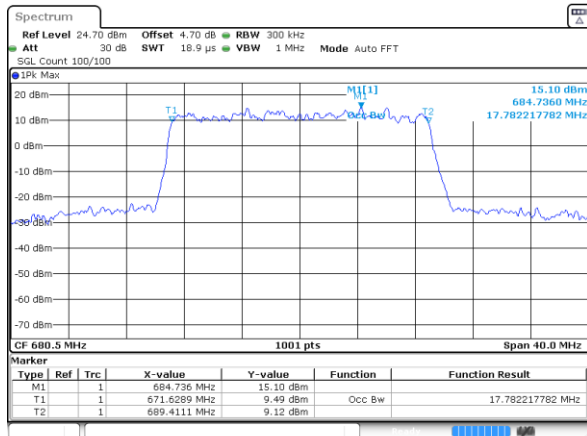
Date: 6 FEB 2020 00:19:57

Lowest Channel / 20MHz / 16QAM



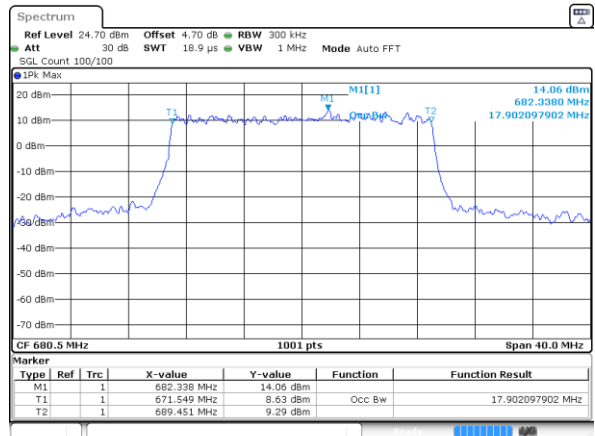
Date: 6 FEB 2020 00:18:46

Middle Channel / 20MHz / QPSK



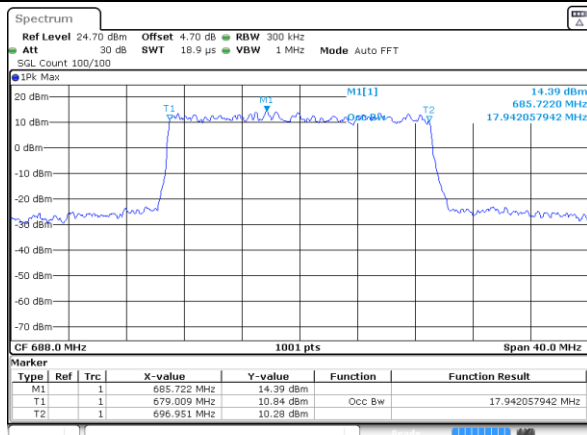
Date: 6 FEB 2020 00:24:42

Middle Channel / 20MHz / 16QAM



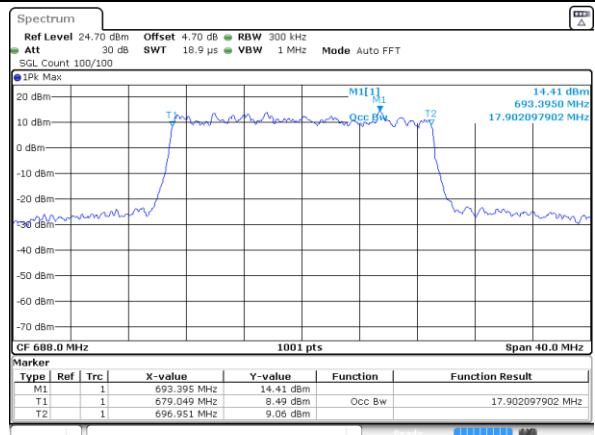
Date: 6 FEB 2020 00:25:09

Highest Channel / 20MHz / QPSK



Date: 6 FEB 2020 00:26:57

Highest Channel / 20MHz / 16QAM



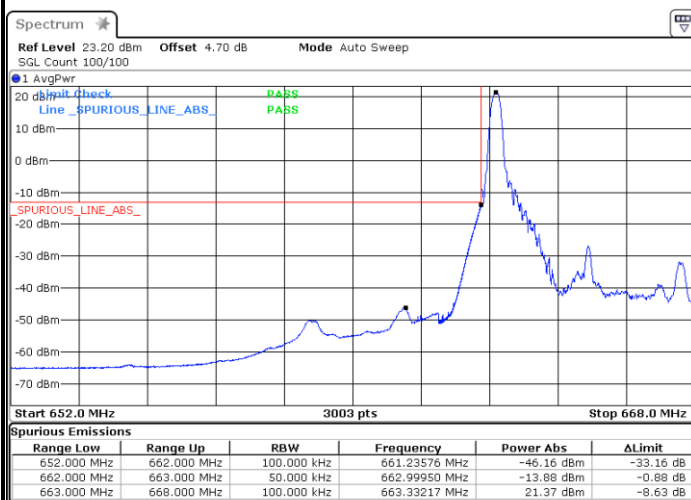
Date: 6 FEB 2020 00:25:47



Conducted Band Edge

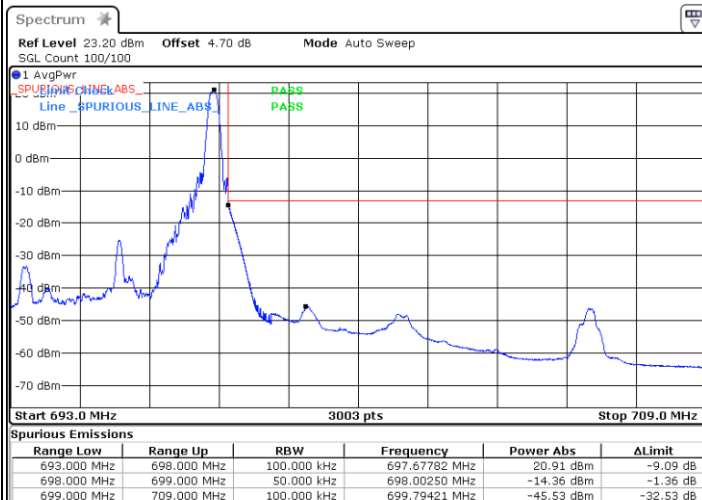
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB



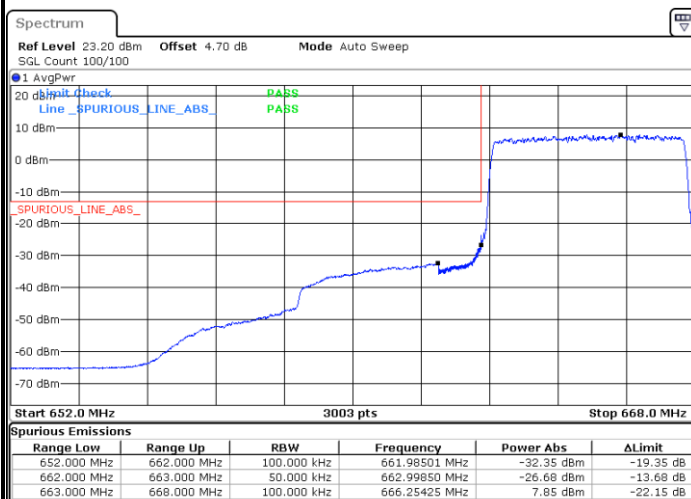
Date: 5.FEB.2020 23:19:45

Highest Band Edge / 1 RB



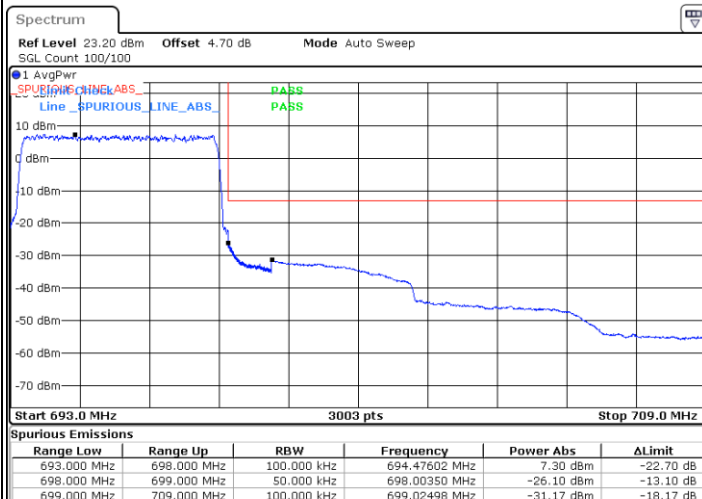
Date: 5.FEB.2020 23:29:19

Lowest Band Edge / Full RB



Date: 5.FEB.2020 23:10:33

Highest Band Edge / Full RB

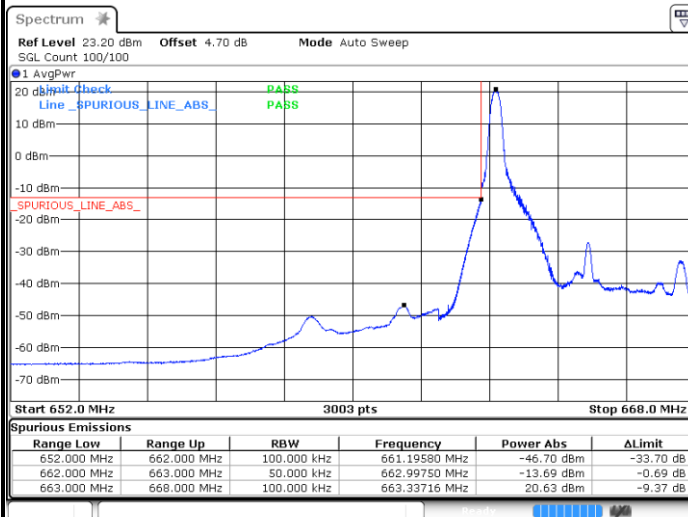


Date: 5.FEB.2020 23:25:06

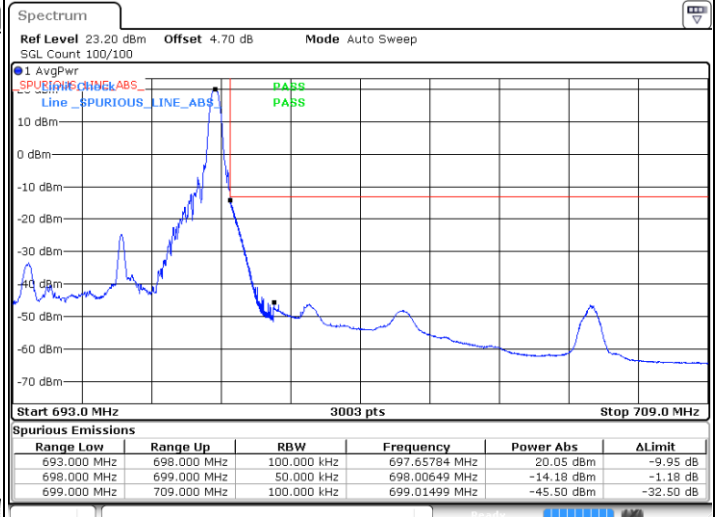


LTE Band 71 / 5MHz / 16QAM

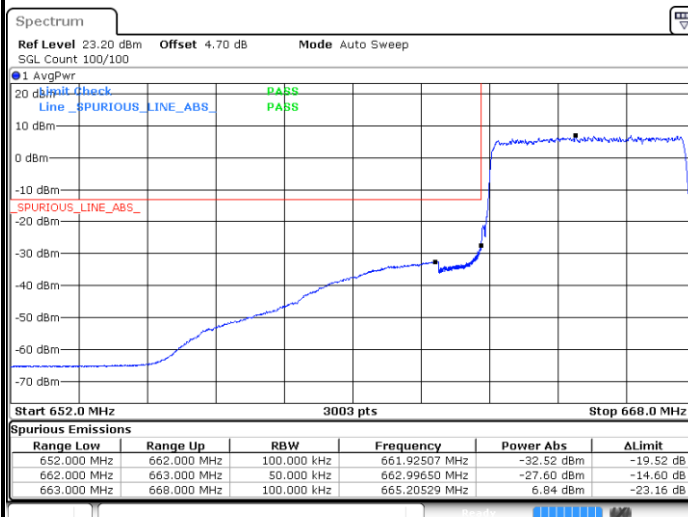
Lowest Band Edge / 1 RB



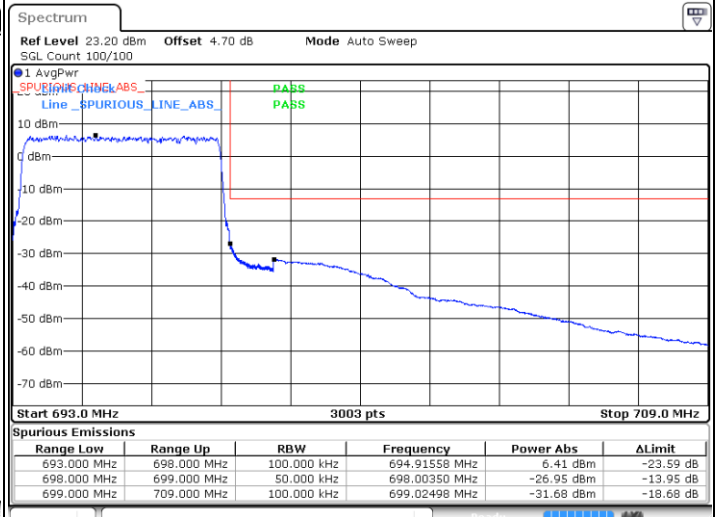
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



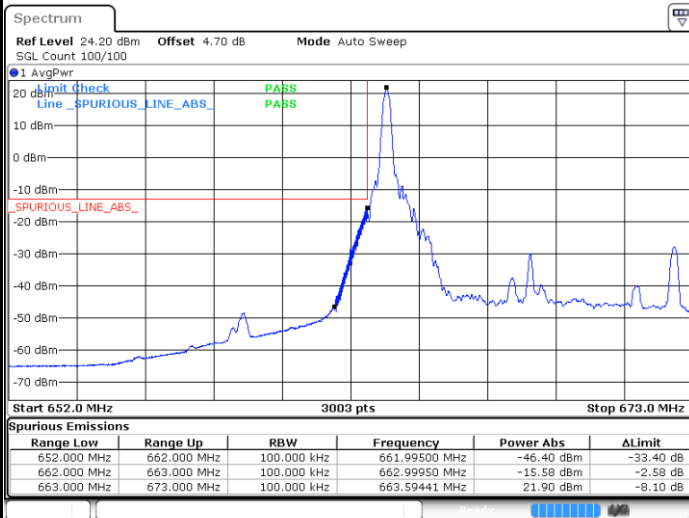
Highest Band Edge / Full RB





LTE Band 71 / 10MHz / QPSK

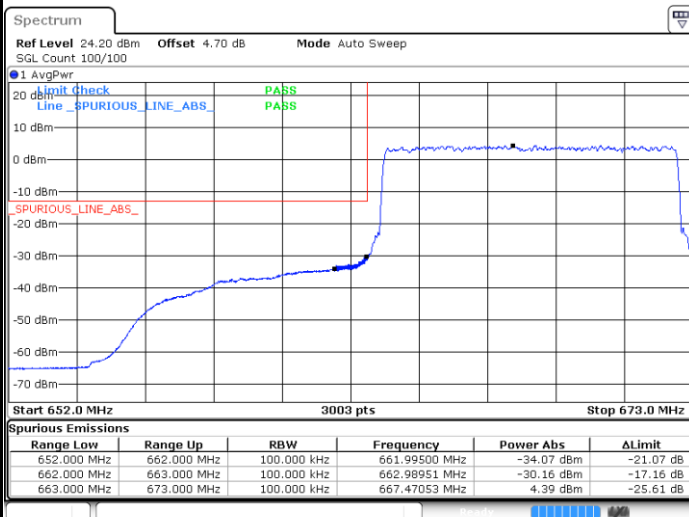
Lowest Band Edge / 1 RB



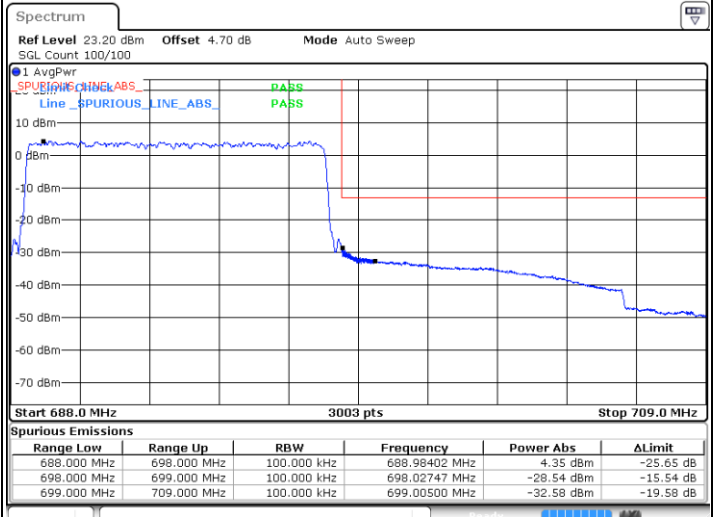
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



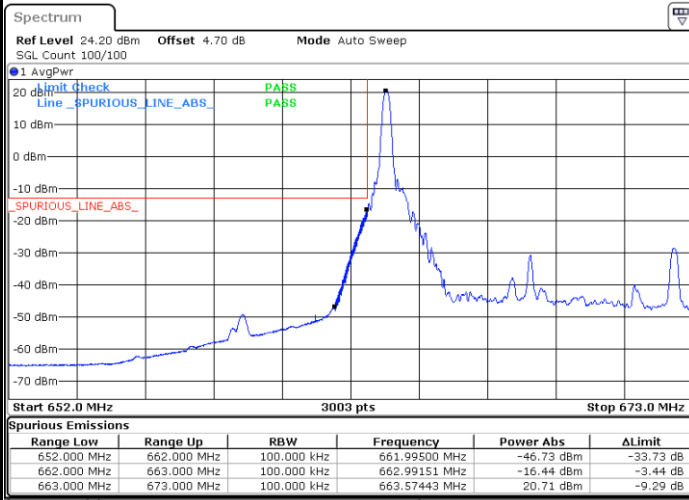
Highest Band Edge / Full RB



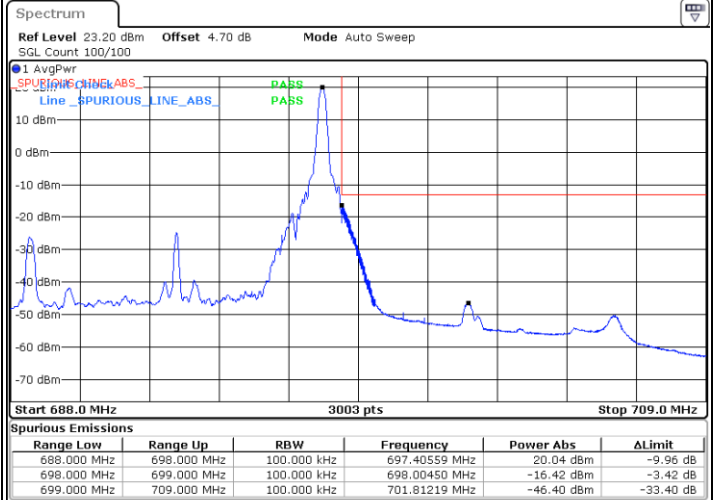


LTE Band 71 / 10MHz / 16QAM

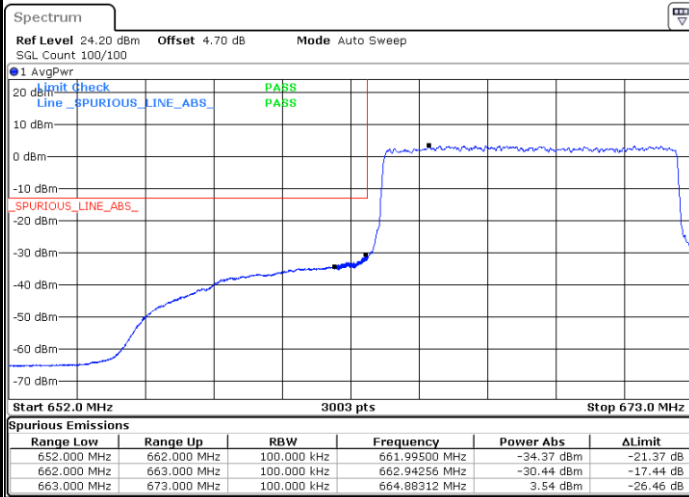
Lowest Band Edge / 1 RB



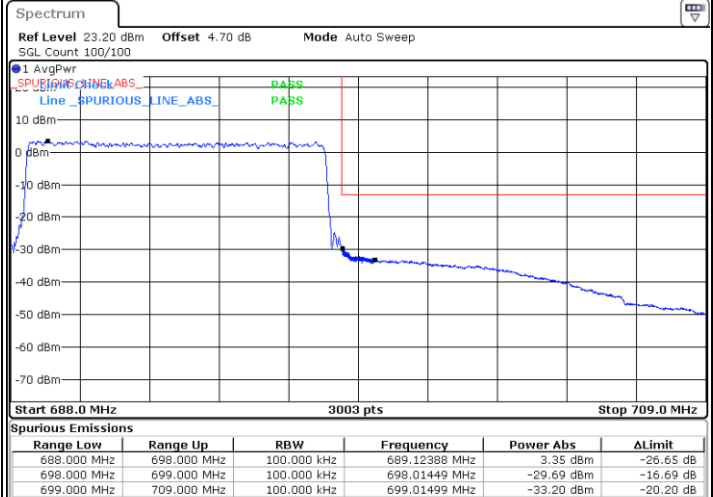
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



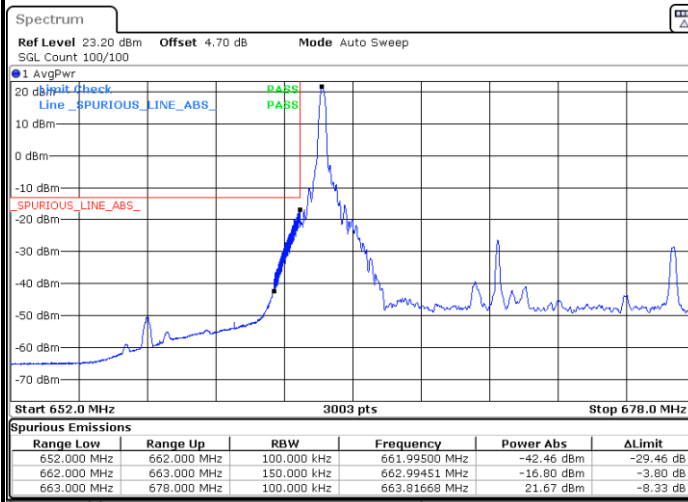
Highest Band Edge / Full RB



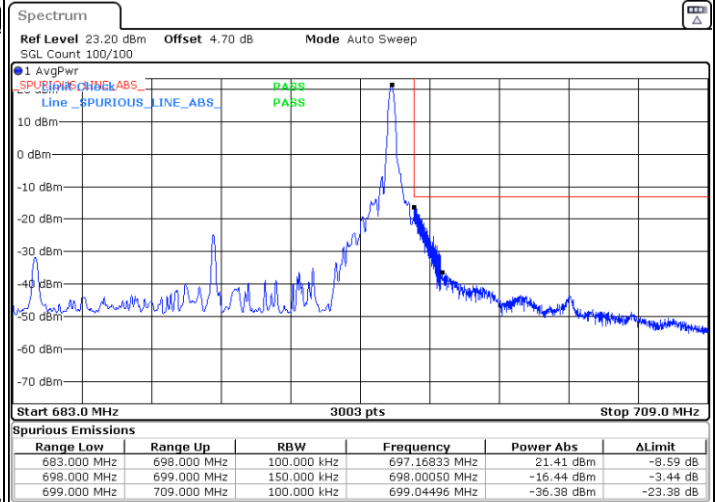


LTE Band 71 / 15MHz / QPSK

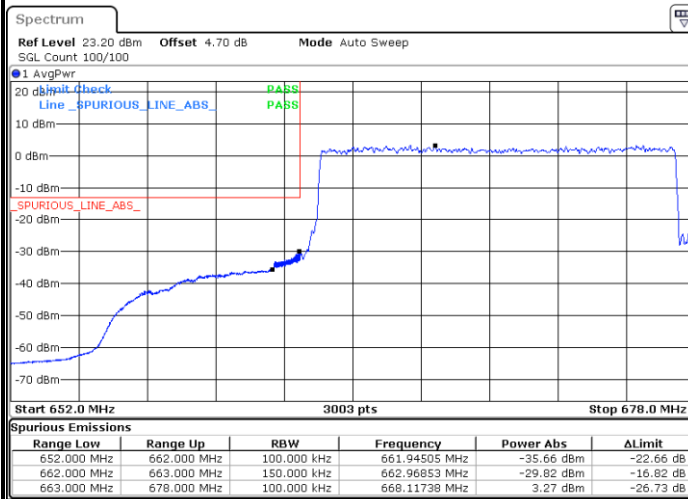
Lowest Band Edge / 1 RB



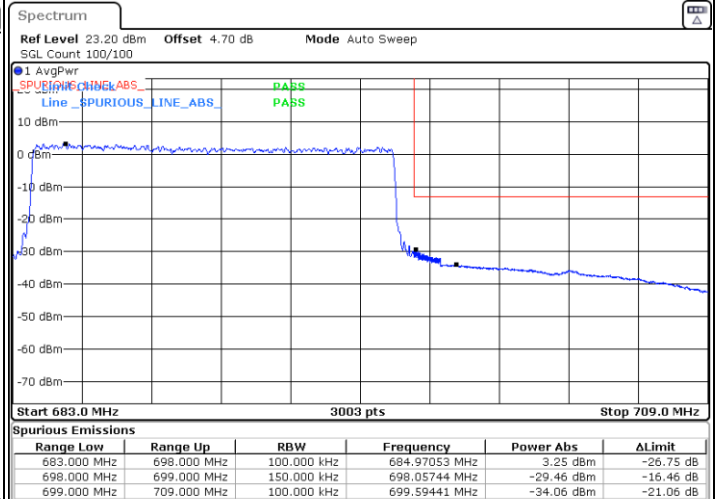
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



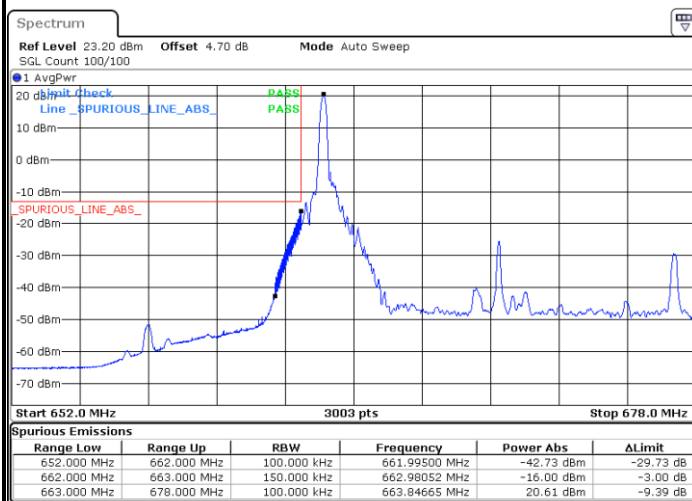
Highest Band Edge / Full RB



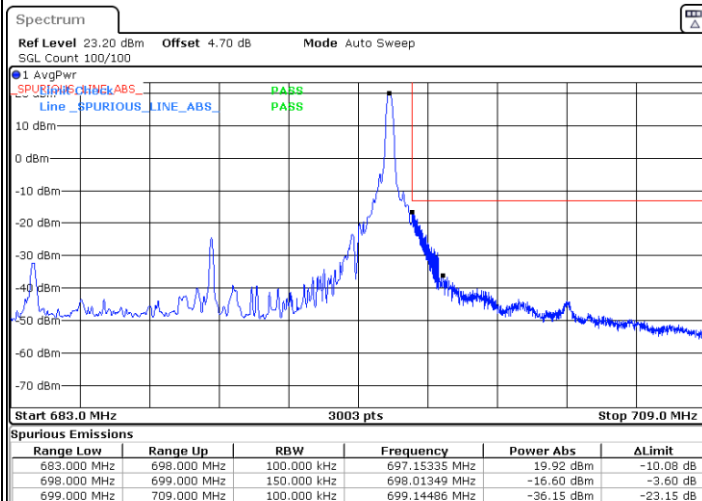


LTE Band 71 / 15MHz / 16QAM

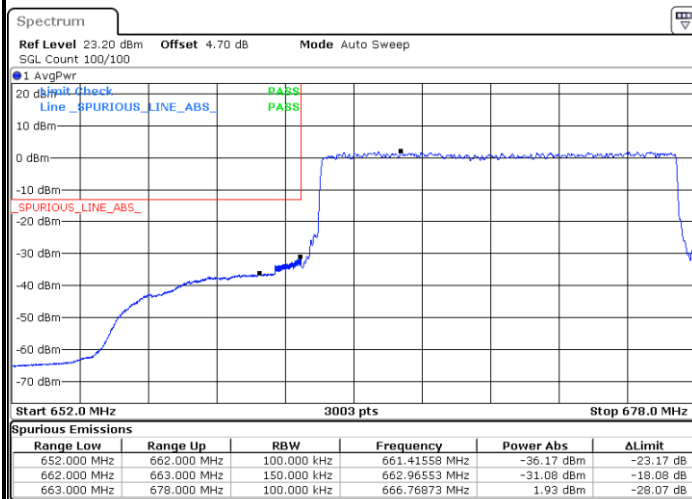
Lowest Band Edge / 1 RB



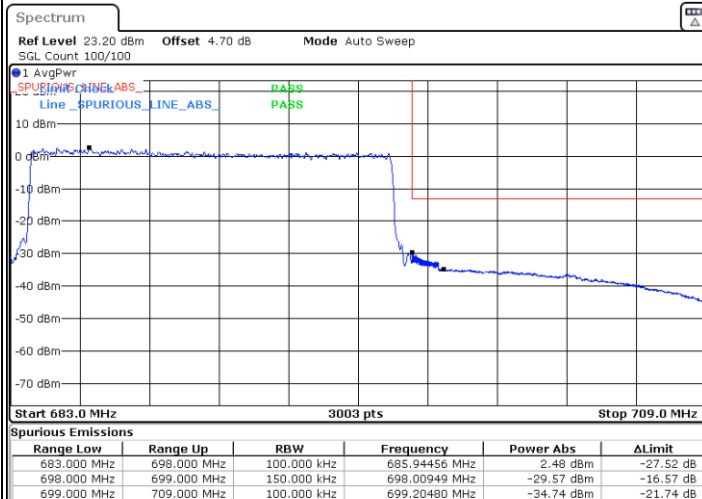
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB

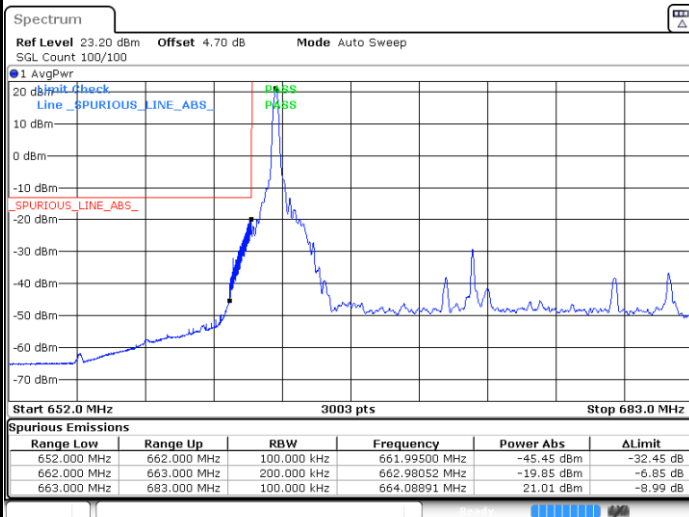


Highest Band Edge / Full RB



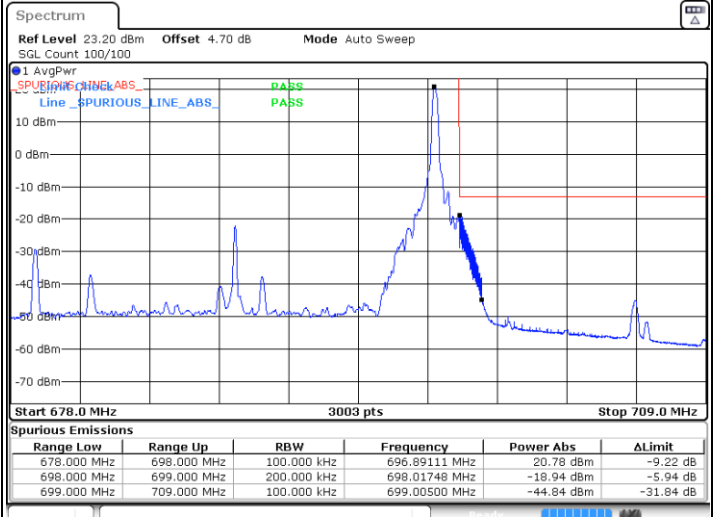
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



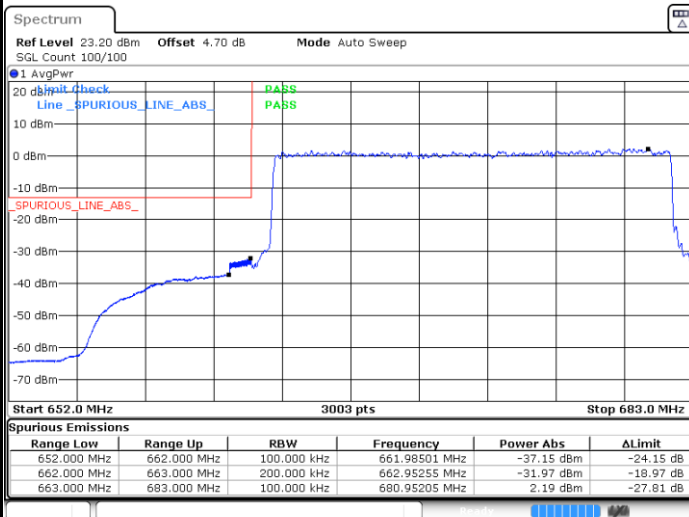
Date: 6.FEB.2020 00:21:25

Highest Band Edge / 1 RB



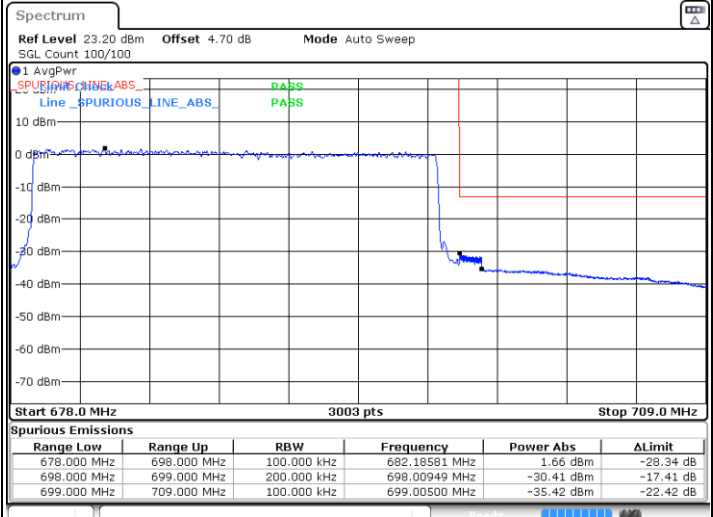
Date: 6.FEB.2020 00:30:09

Lowest Band Edge / Full RB



Date: 6.FEB.2020 00:20:35

Highest Band Edge / Full RB

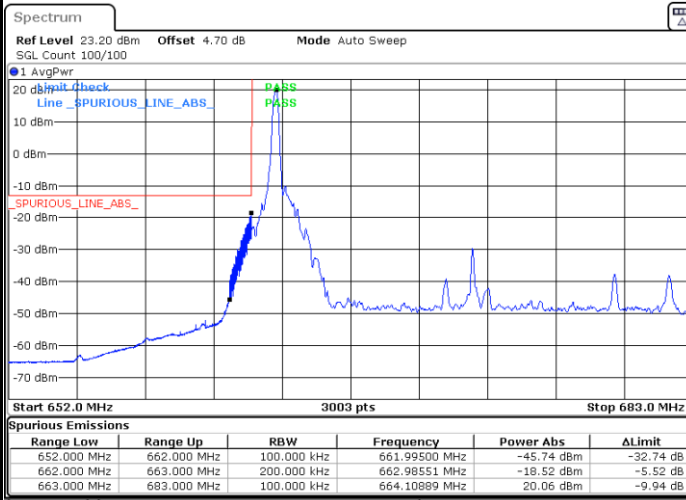


Date: 6.FEB.2020 00:27:37

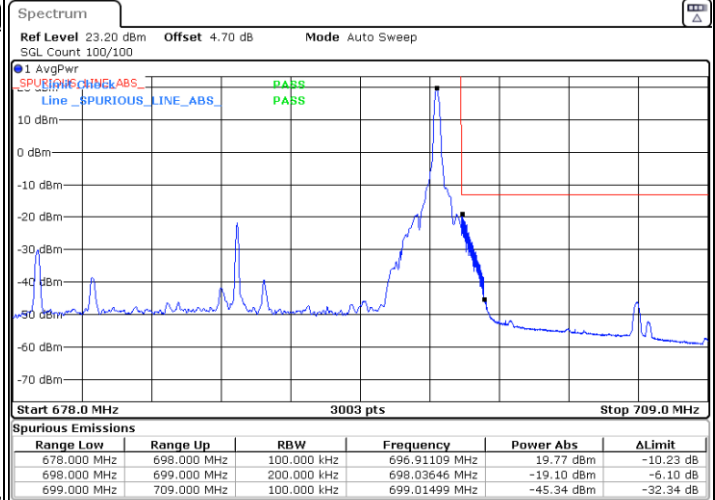


LTE Band 71 / 20MHz / 16QAM

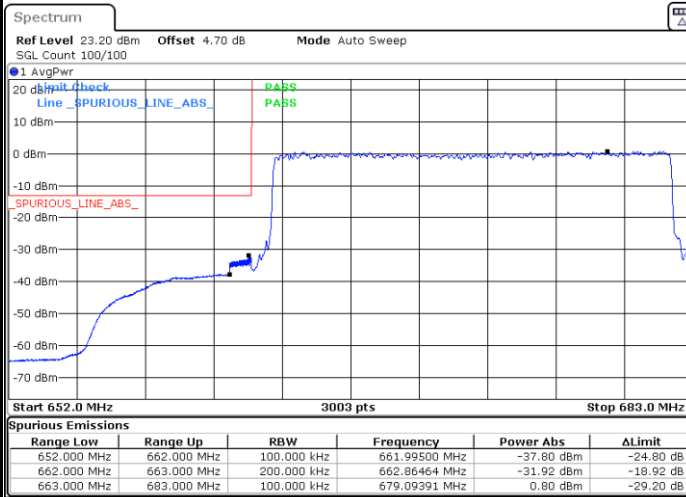
Lowest Band Edge / 1 RB



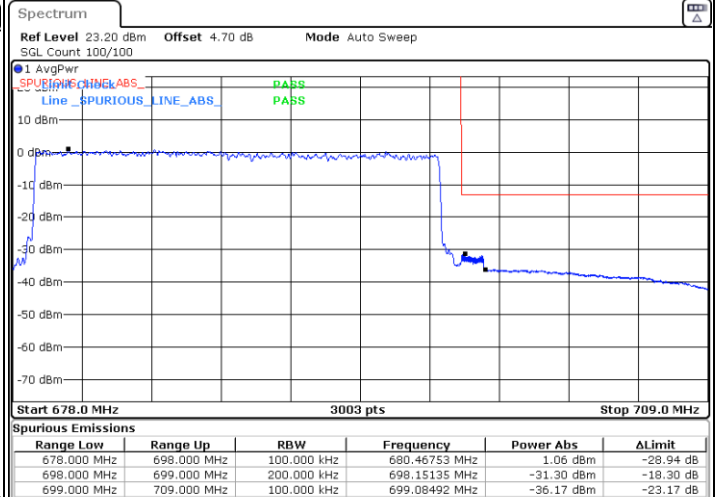
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB





Conducted Spurious Emission

