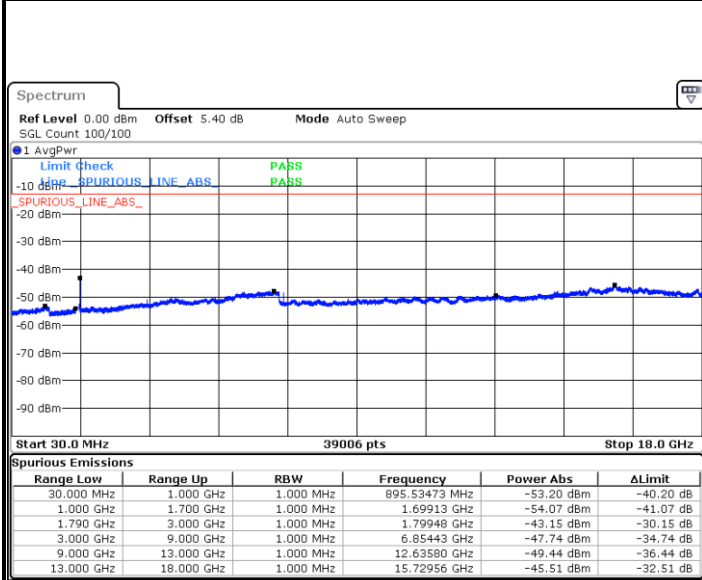




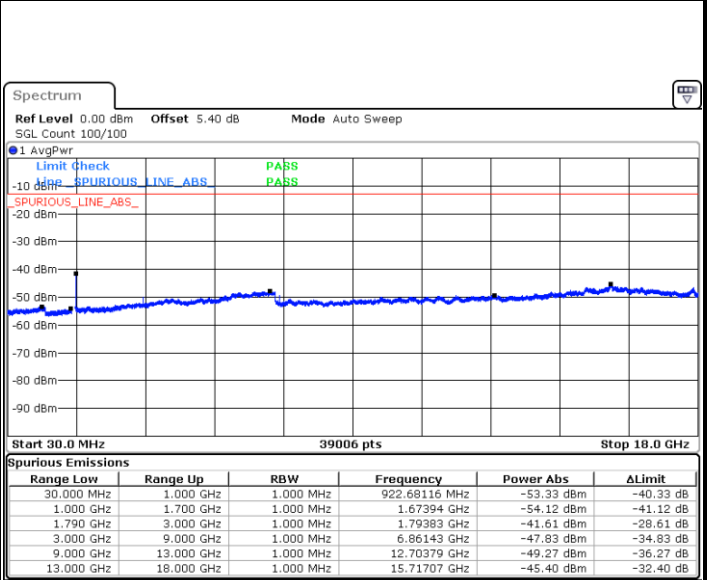
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 29 JAN 2020 04:23:05

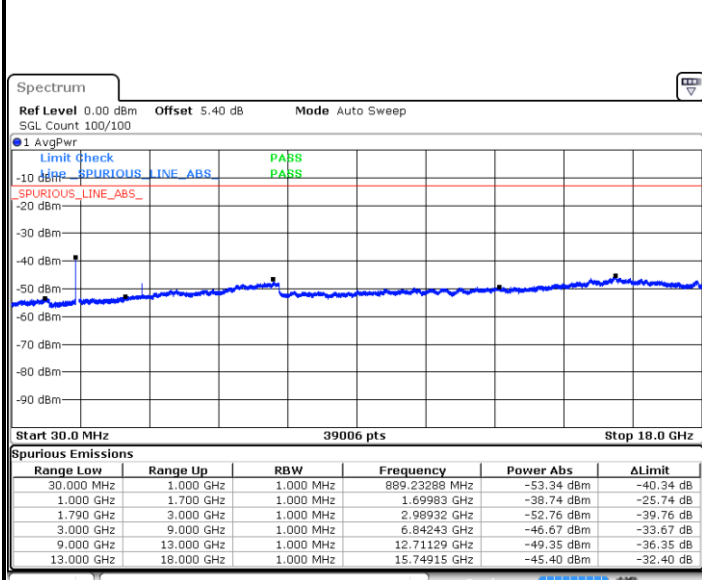
Highest Channel / 16QAM



Date: 29 JAN 2020 04:21:31

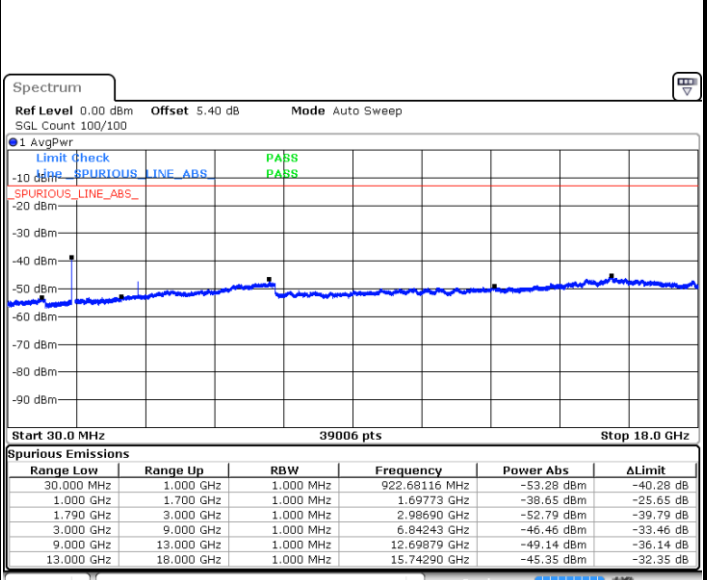
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 29 JAN 2020 04:50:55

Lowest Channel / 16QAM



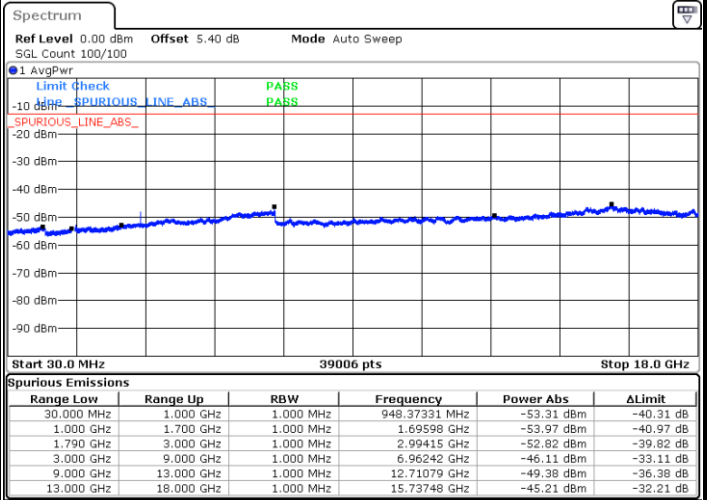
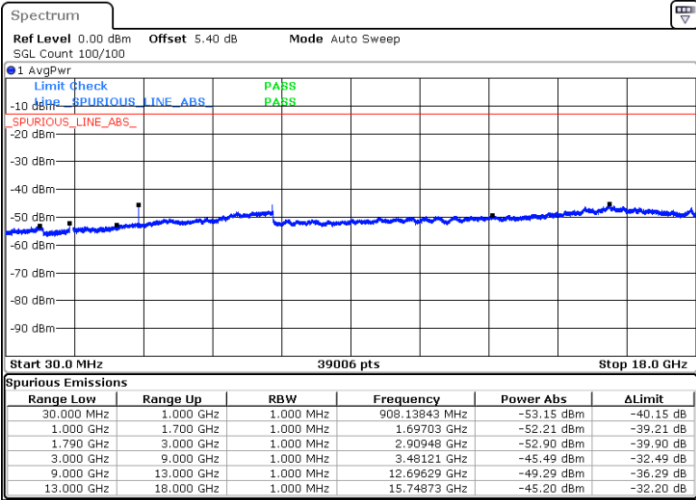
Date: 29 JAN 2020 04:49:26



LTE Band 66 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

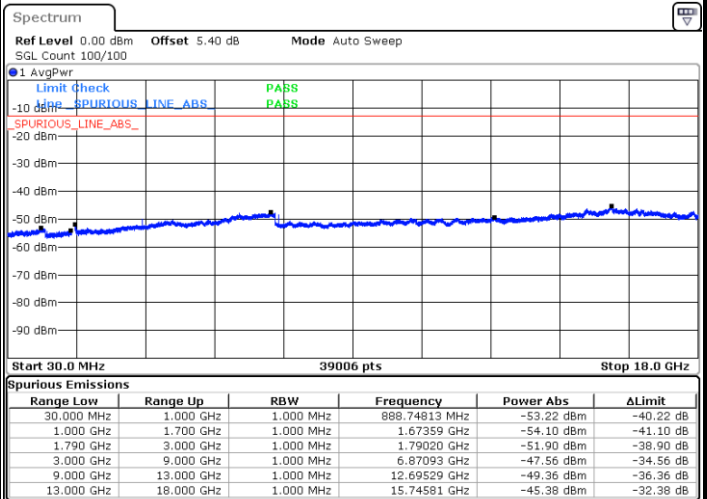
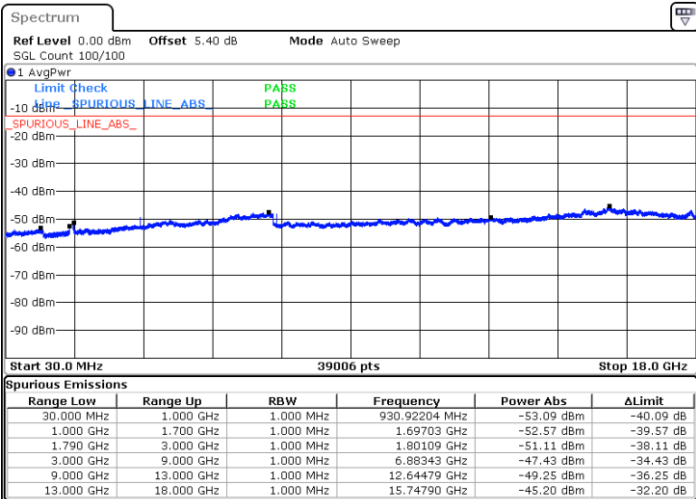


Date: 29 JAN 2020 04:52:49

Date: 29 JAN 2020 04:53:41

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 JAN 2020 05:06:10

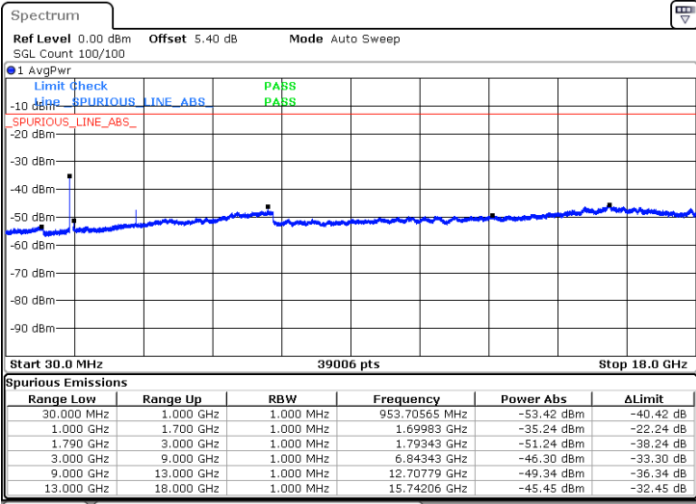
Date: 29 JAN 2020 05:05:16



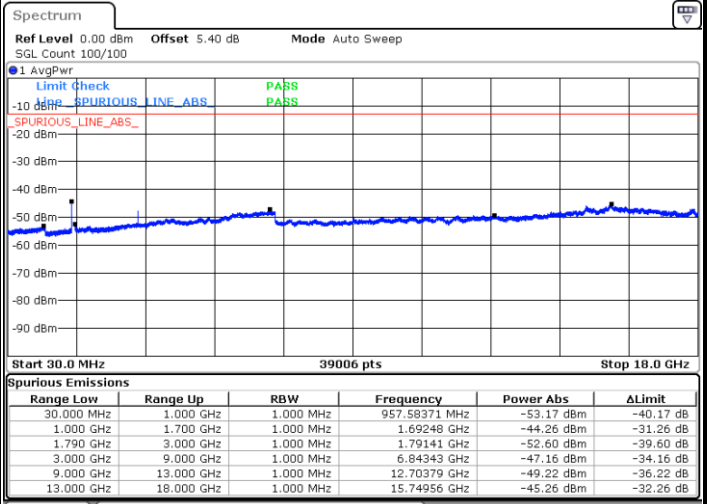
LTE Band 66 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



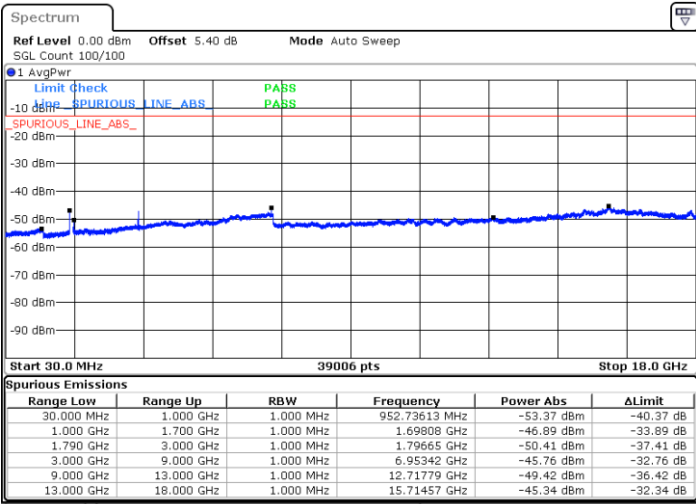
Date: 29 JAN 2020 05:44:40



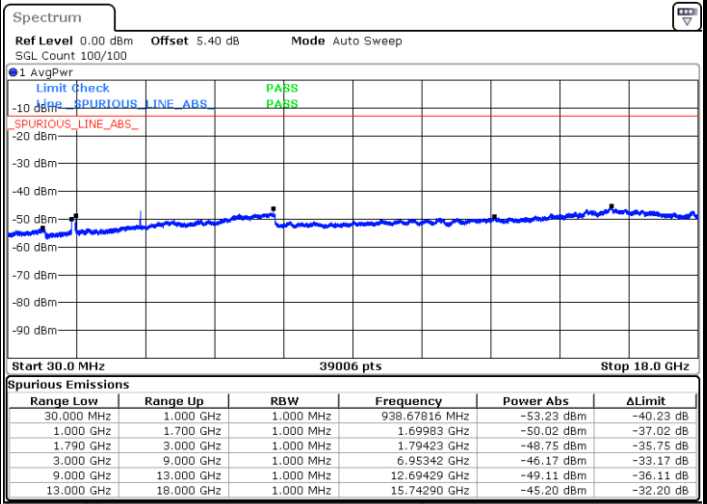
Date: 29 JAN 2020 05:43:52

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 29 JAN 2020 05:46:14

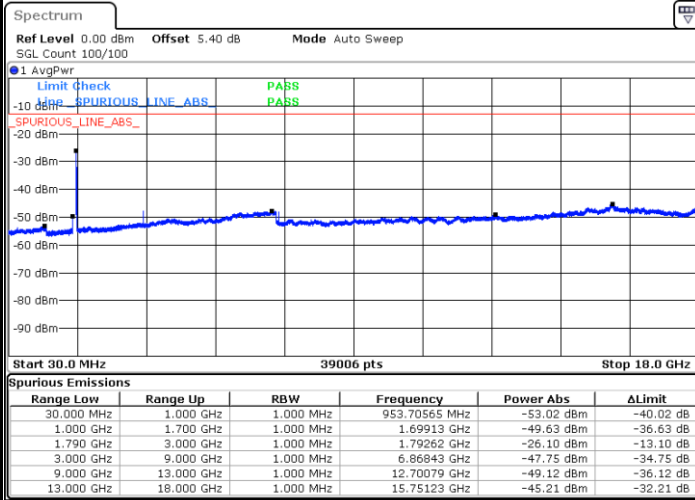


Date: 29 JAN 2020 05:46:58



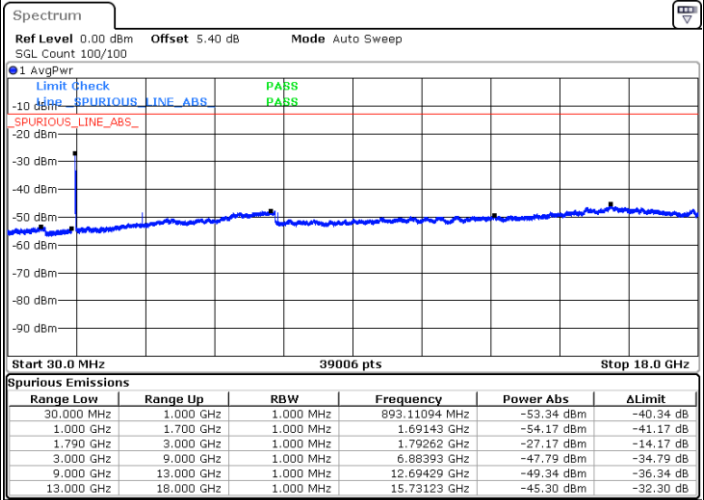
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 29 JAN 2020 05:52:50

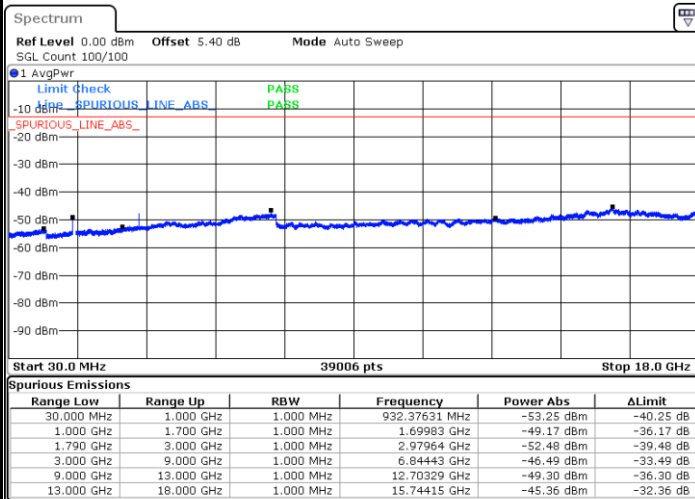
Highest Channel / 16QAM



Date: 29 JAN 2020 05:52:09

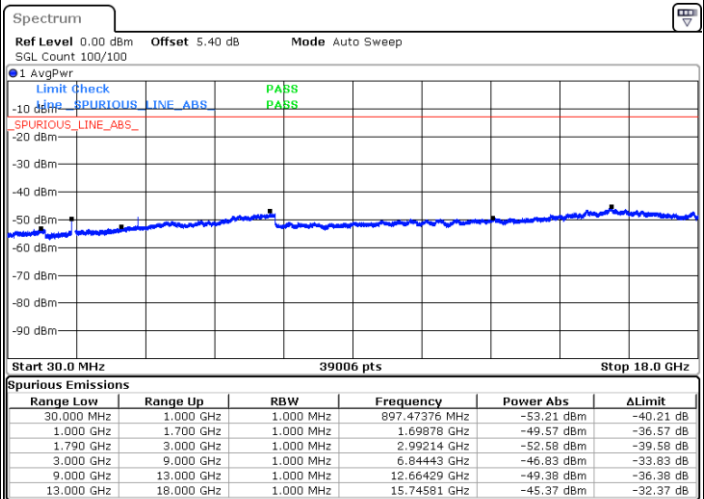
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 29 JAN 2020 06:00:17

Lowest Channel / 16QAM



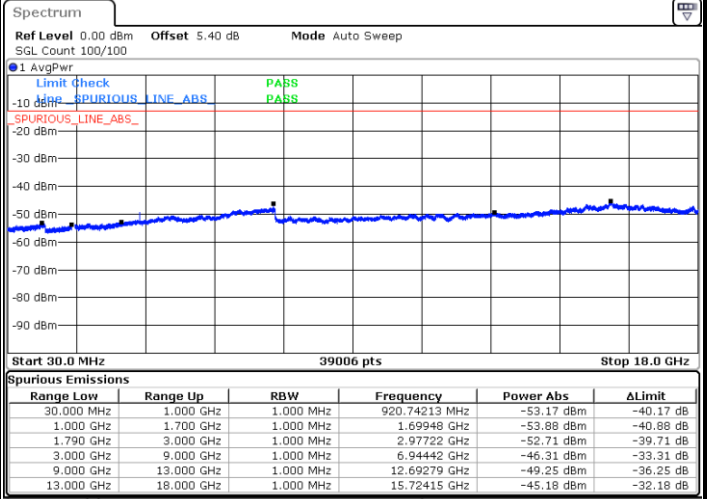
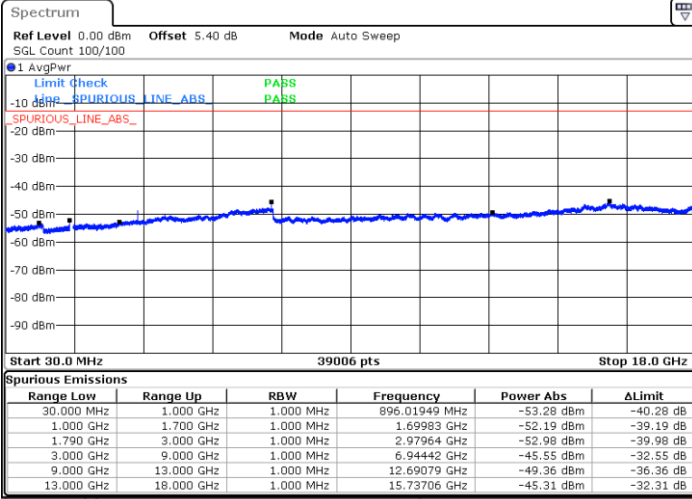
Date: 29 JAN 2020 05:59:24



LTE Band 66 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

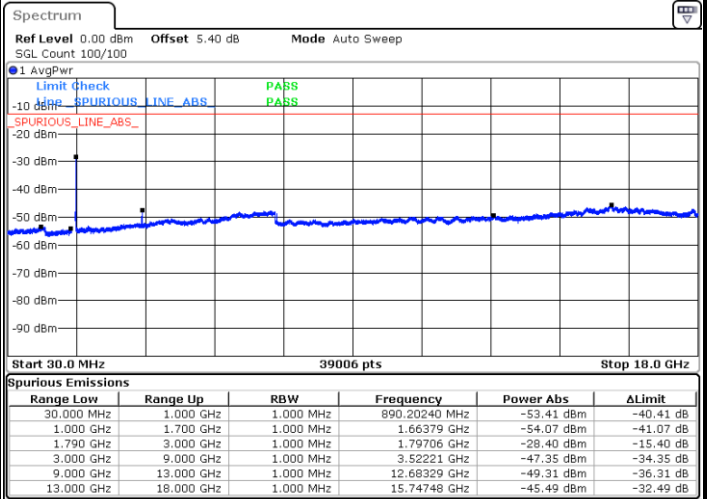
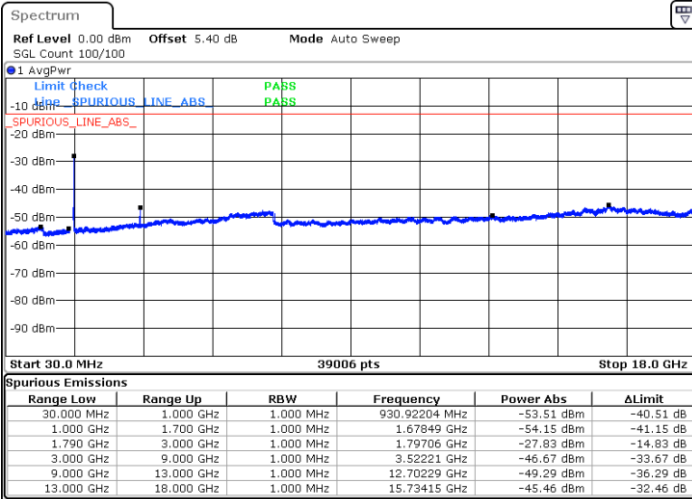


Date: 29 JAN 2020 06:01:13

Date: 29 JAN 2020 06:05:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 29 JAN 2020 06:23:53

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

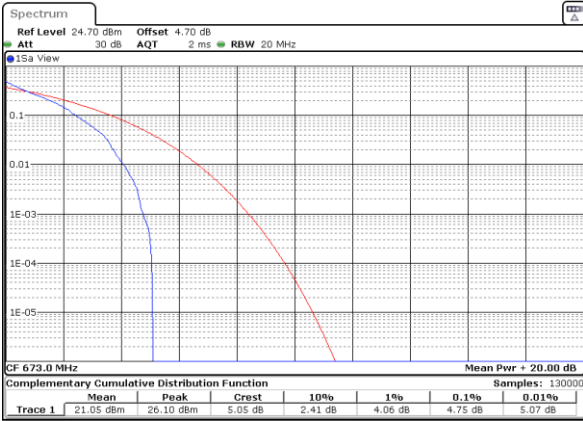
Peak-to-Average Ratio

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	



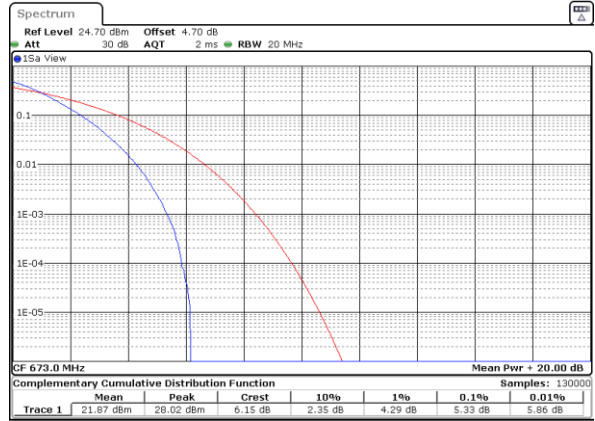
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



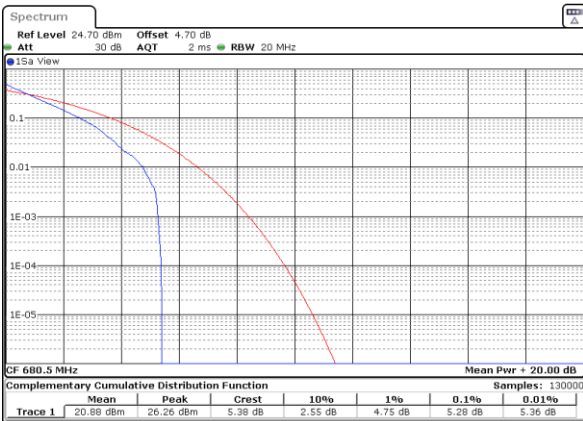
Date: 6 FEB 2020 00:20:51

Lowest Channel / Full RB



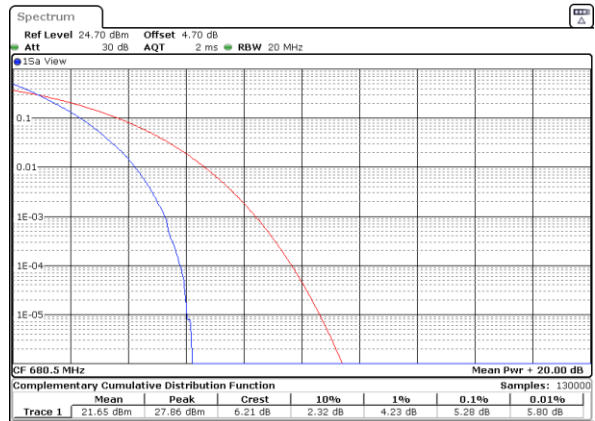
Date: 6 FEB 2020 00:19:50

Middle Channel / 1RB



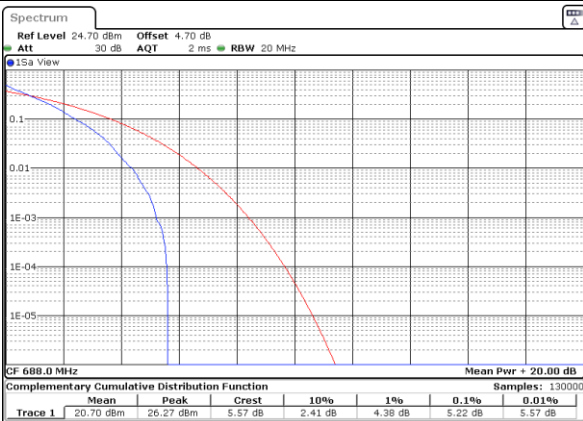
Date: 6 FEB 2020 00:23:59

Middle Channel / Full RB



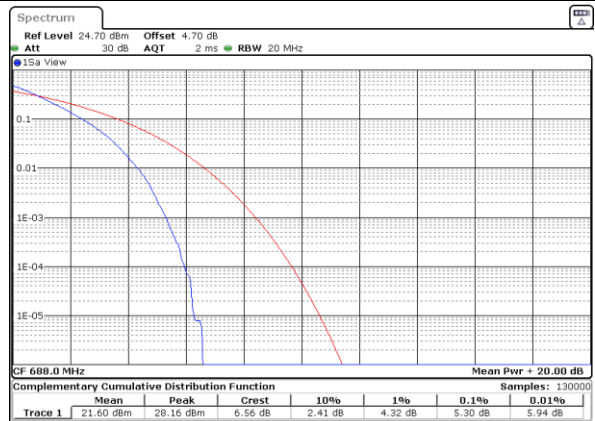
Date: 6 FEB 2020 00:24:37

Highest Channel / 1RB



Date: 6 FEB 2020 00:27:54

Highest Channel / Full RB



Date: 6 FEB 2020 00:26:48



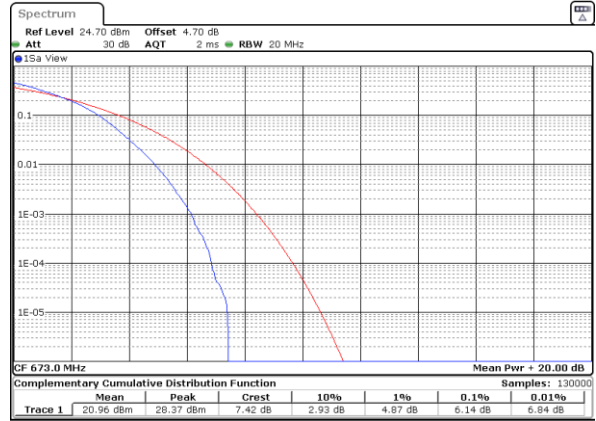
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



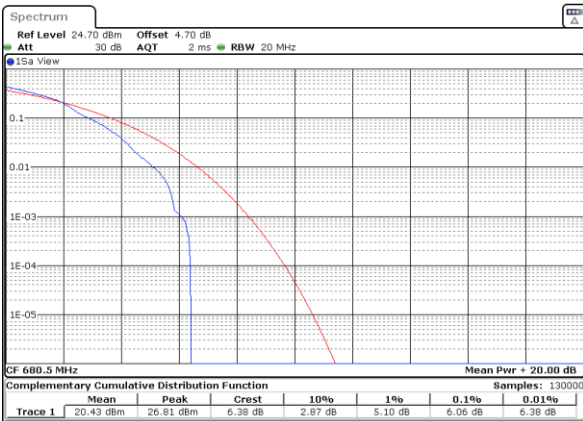
Date: 6 FEB 2020 00:22:01

Lowest Channel / Full RB



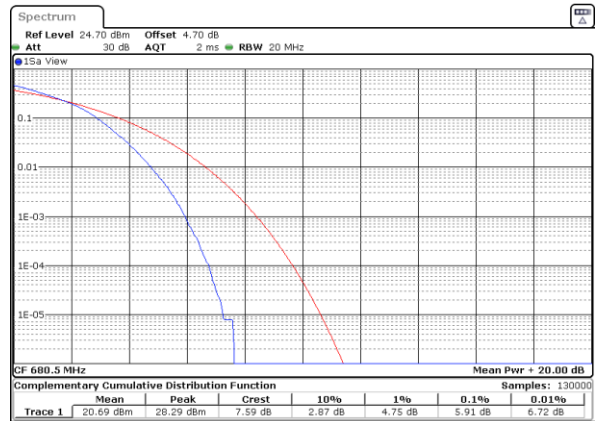
Date: 6 FEB 2020 00:18:36

Middle Channel / 1RB



Date: 6 FEB 2020 00:23:21

Middle Channel / Full RB



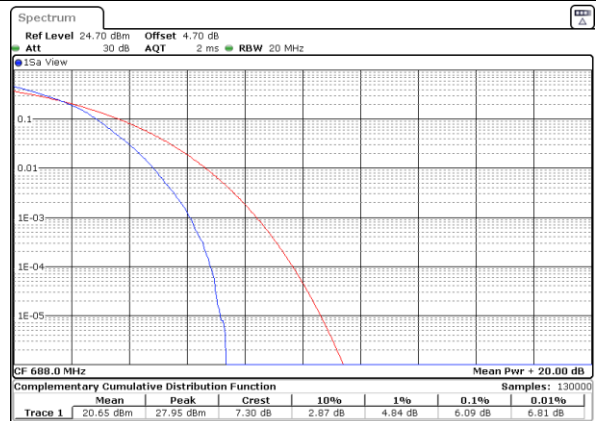
Date: 6 FEB 2020 00:25:03

Highest Channel / 1RB



Date: 6 FEB 2020 00:28:23

Highest Channel / Full RB



Date: 6 FEB 2020 00:25:40



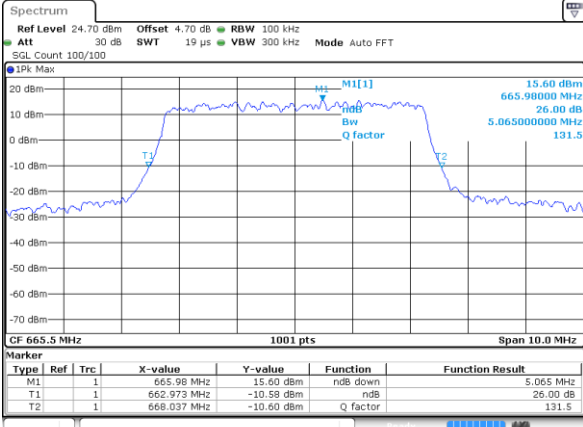
26dB Bandwidth

Mode	LTE Band 71 : 26dB BW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
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



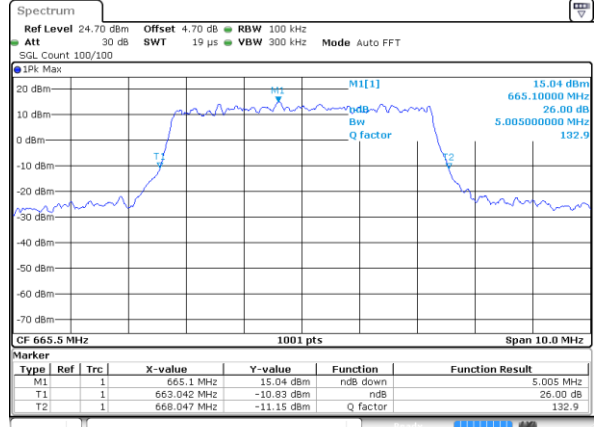
LTE Band 71

Lowest Channel / 5MHz / QPSK



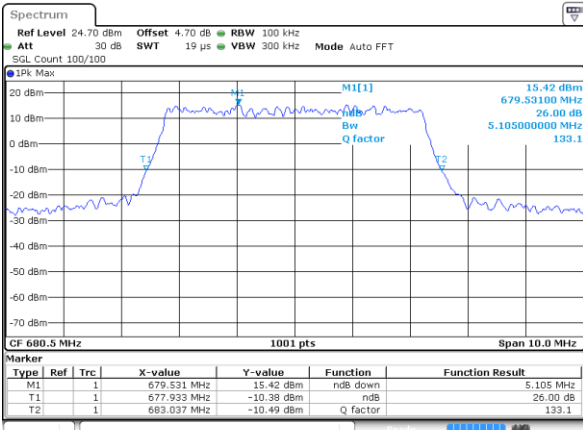
Date: 5 FEB 2020 23:09:45

Lowest Channel / 5MHz / 16QAM



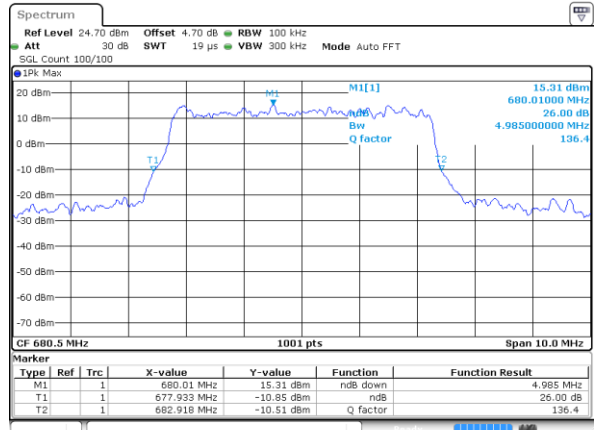
Date: 5 FEB 2020 23:11:56

Middle Channel / 5MHz / QPSK



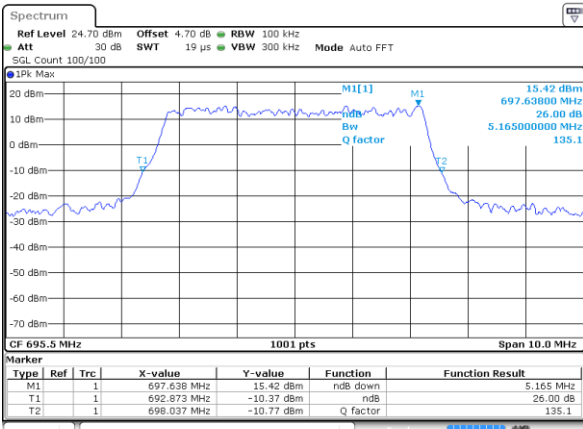
Date: 5 FEB 2020 23:23:54

Middle Channel / 5MHz / 16QAM



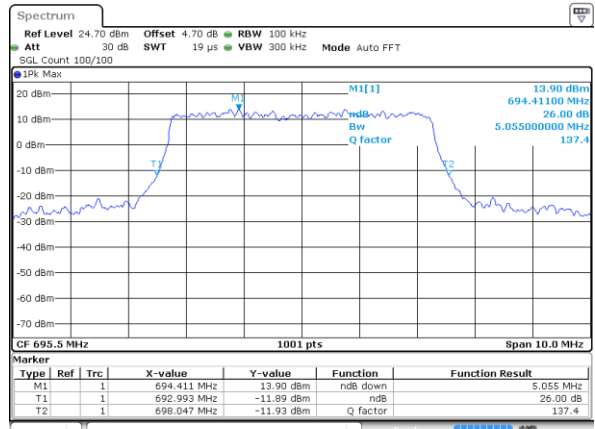
Date: 5 FEB 2020 23:23:54

Highest Channel / 5MHz / QPSK



Date: 5 FEB 2020 23:24:26

Highest Channel / 5MHz / 16QAM

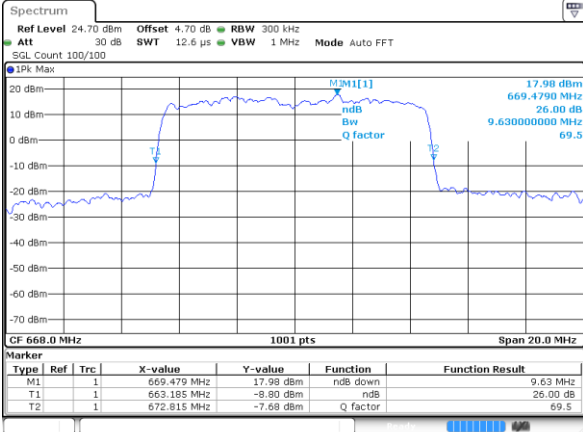


Date: 5 FEB 2020 23:25:26



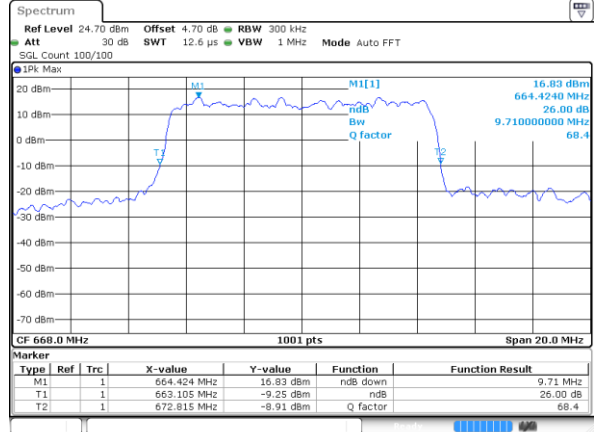
LTE Band 71

Lowest Channel / 10MHz / QPSK



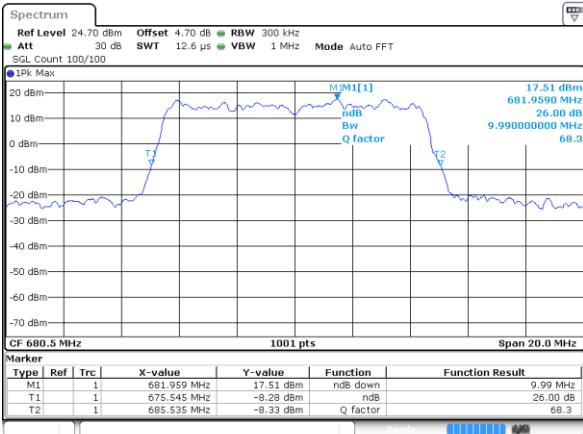
Date: 5 FEB 2020 23:32:16

Lowest Channel / 10MHz / 16QAM



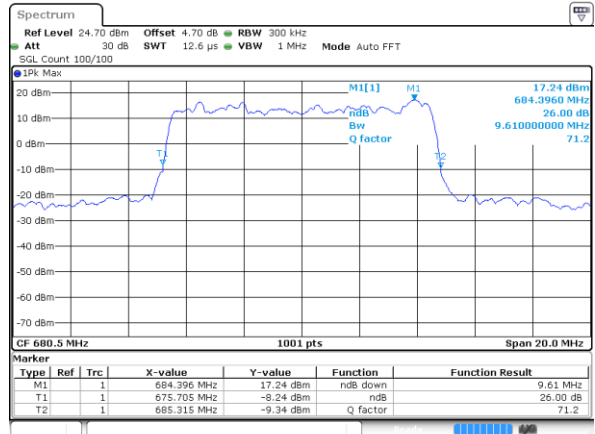
Date: 5 FEB 2020 23:31:00

Middle Channel / 10MHz / QPSK



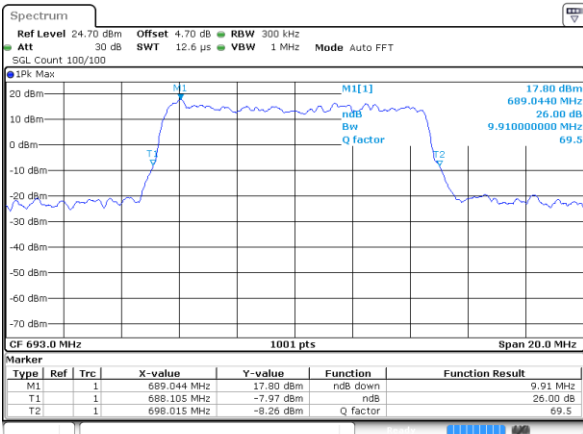
Date: 5 FEB 2020 23:38:15

Middle Channel / 10MHz / 16QAM



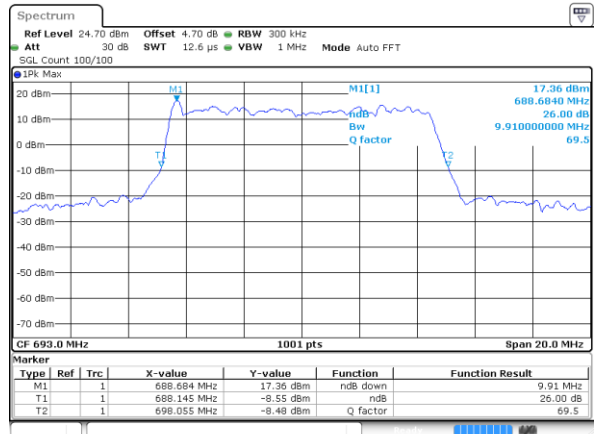
Date: 5 FEB 2020 23:38:35

Highest Channel / 10MHz / QPSK



Date: 5 FEB 2020 23:40:07

Highest Channel / 10MHz / 16QAM

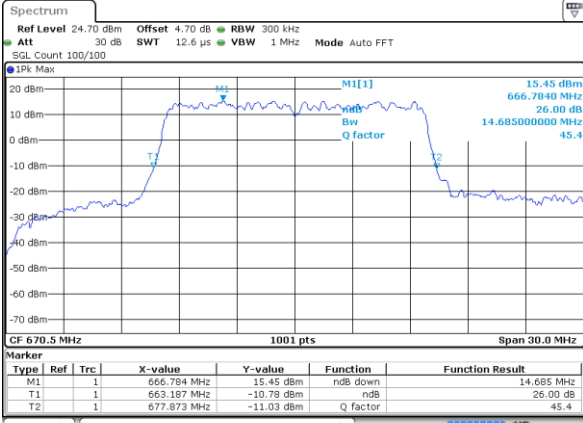


Date: 5 FEB 2020 23:39:06



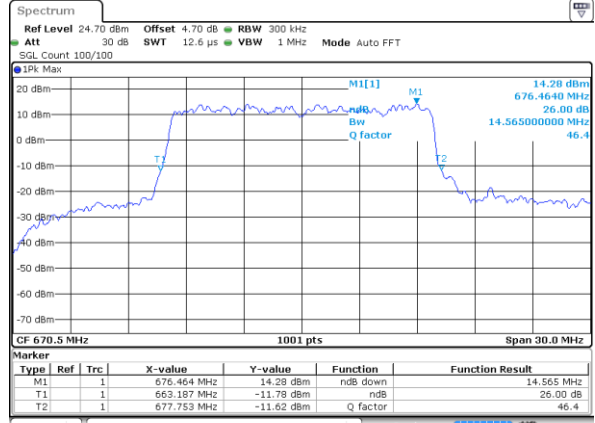
LTE Band 71

Lowest Channel / 15MHz / QPSK



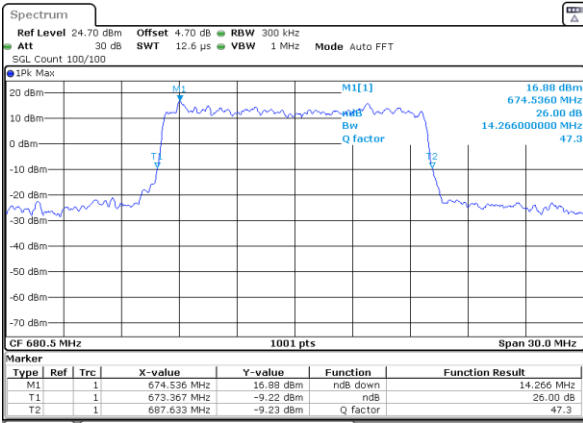
Date: 5 FEB 2020 23:43:32

Lowest Channel / 15MHz / 16QAM



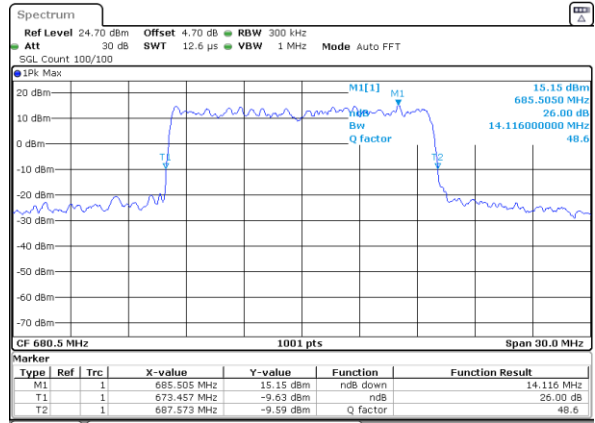
Date: 5 FEB 2020 23:44:33

Middle Channel / 15MHz / QPSK



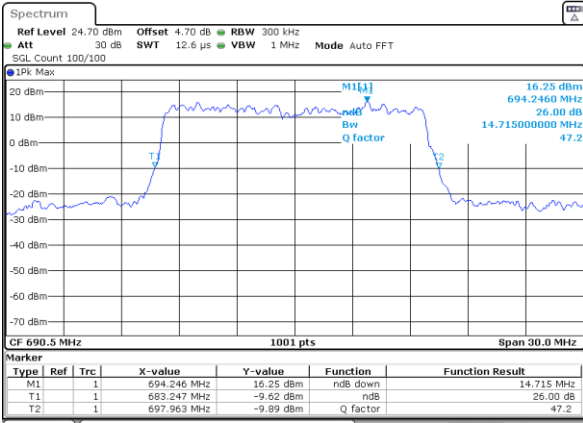
Date: 6 FEB 2020 00:12:55

Middle Channel / 15MHz / 16QAM



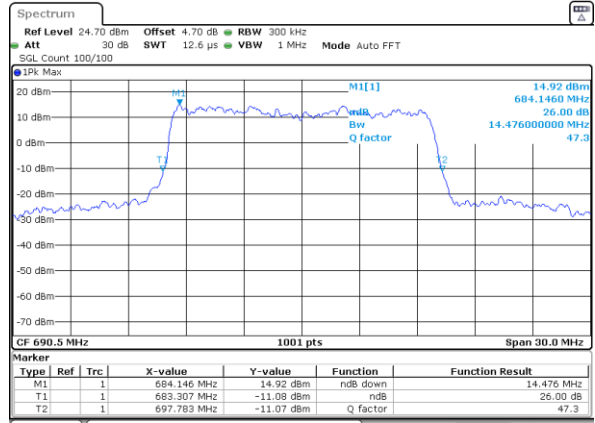
Date: 6 FEB 2020 00:12:55

Highest Channel / 15MHz / QPSK



Date: 6 FEB 2020 00:13:38

Highest Channel / 15MHz / 16QAM

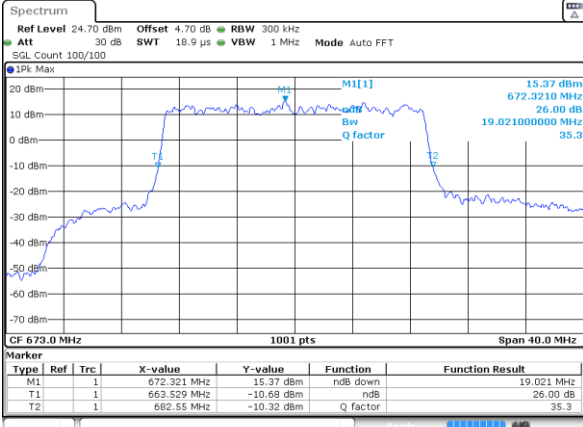


Date: 6 FEB 2020 00:14:36



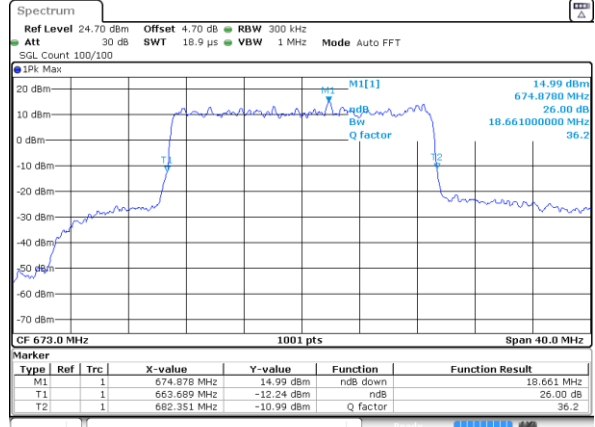
LTE Band 71

Lowest Channel / 20MHz / QPSK



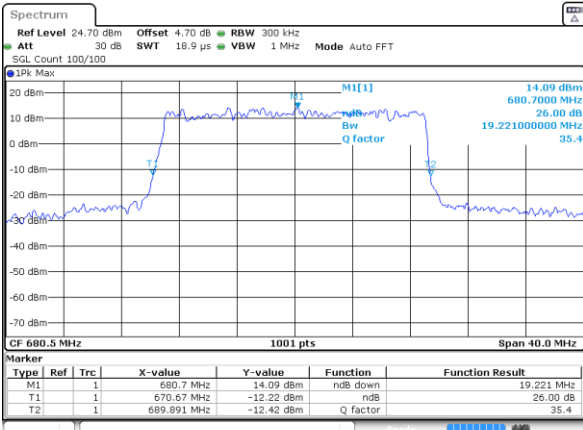
Date: 6 FEB 2020 00:20:03

Lowest Channel / 20MHz / 16QAM



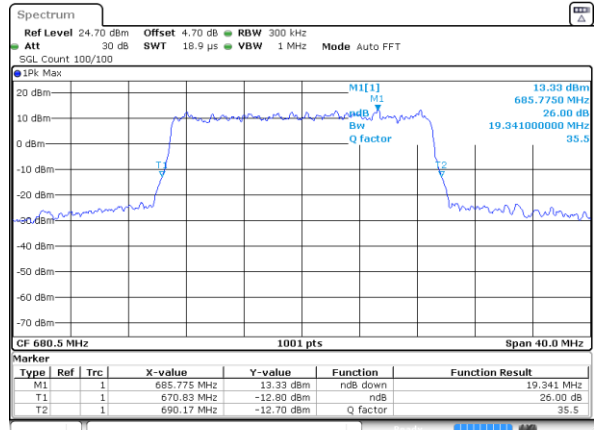
Date: 6 FEB 2020 00:16:52

Middle Channel / 20MHz / QPSK



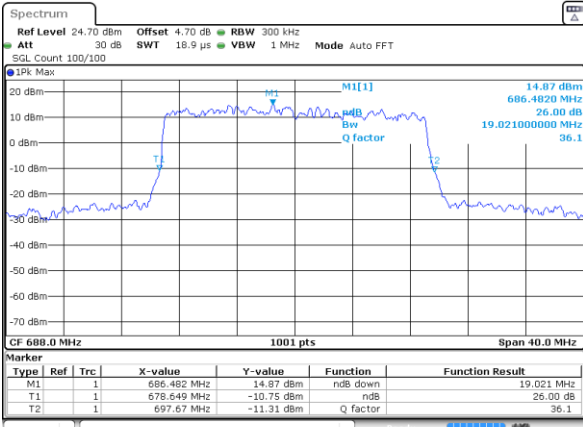
Date: 6 FEB 2020 00:24:48

Middle Channel / 20MHz / 16QAM



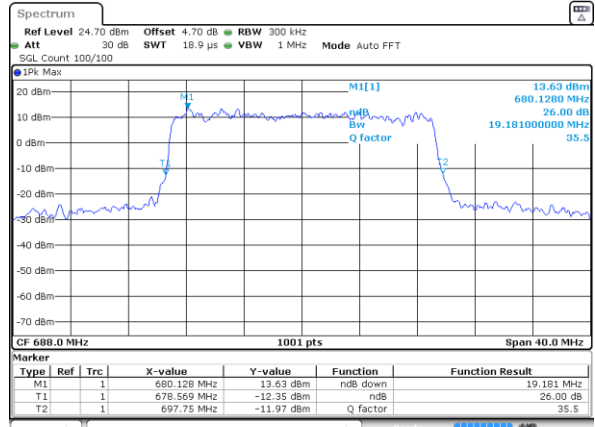
Date: 6 FEB 2020 00:25:15

Highest Channel / 20MHz / QPSK



Date: 6 FEB 2020 00:27:03

Highest Channel / 20MHz / 16QAM



Date: 6 FEB 2020 00:25:53



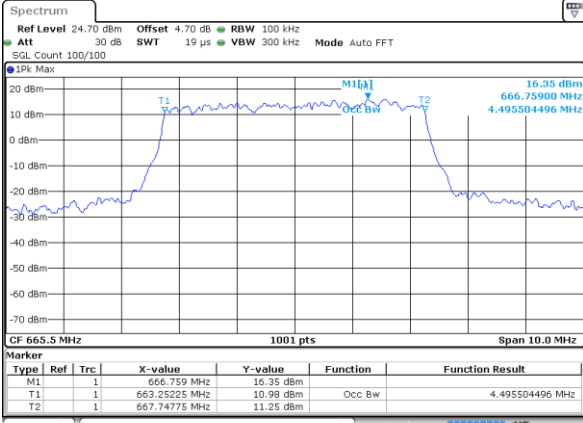
Occupied Bandwidth

Mode	LTE Band 71 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
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



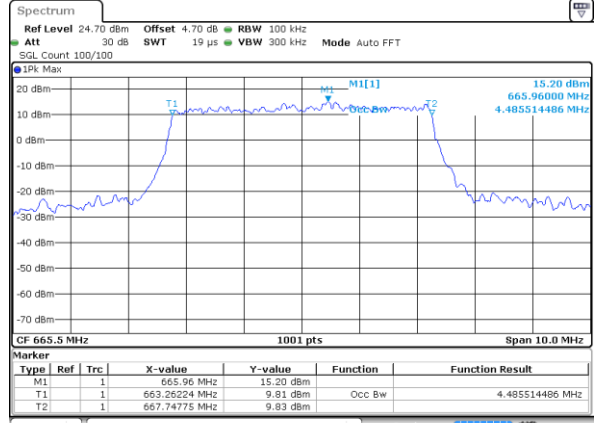
LTE Band 71

Lowest Channel / 5MHz / QPSK



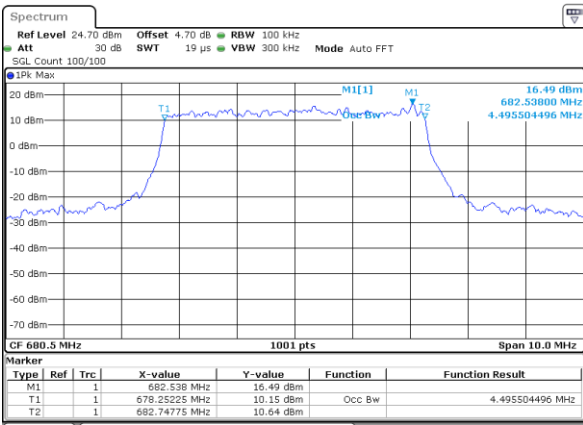
Date: 5 FEB 2020 23:08:43

Lowest Channel / 5MHz / 16QAM



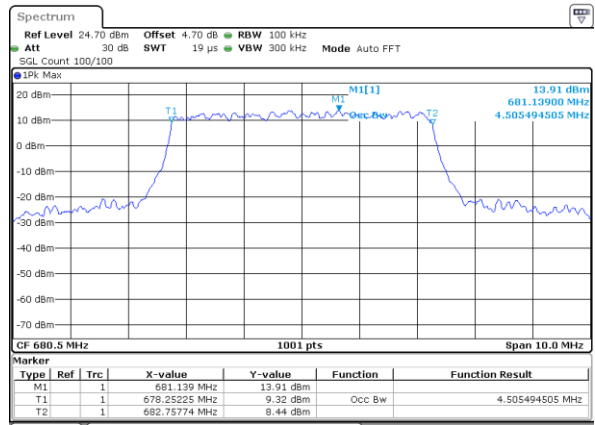
Date: 5 FEB 2020 23:11:51

Middle Channel / 5MHz / QPSK



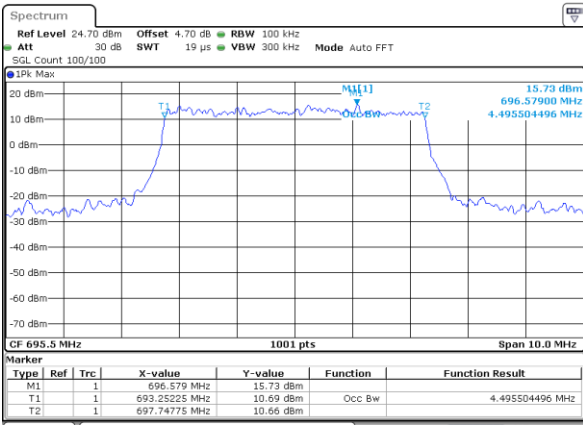
Date: 5 FEB 2020 23:23:48

Middle Channel / 5MHz / 16QAM



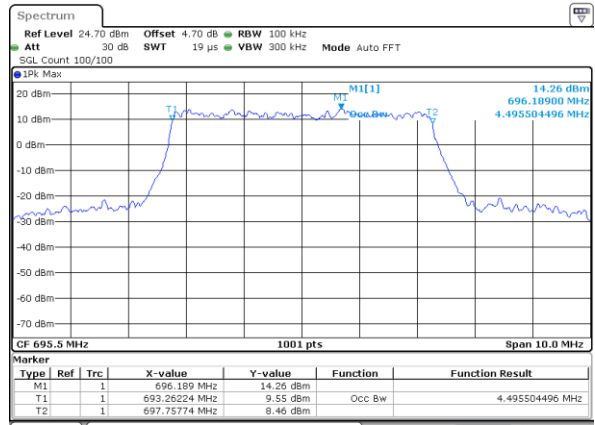
Date: 5 FEB 2020 23:23:29

Highest Channel / 5MHz / QPSK



Date: 5 FEB 2020 23:24:20

Highest Channel / 5MHz / 16QAM

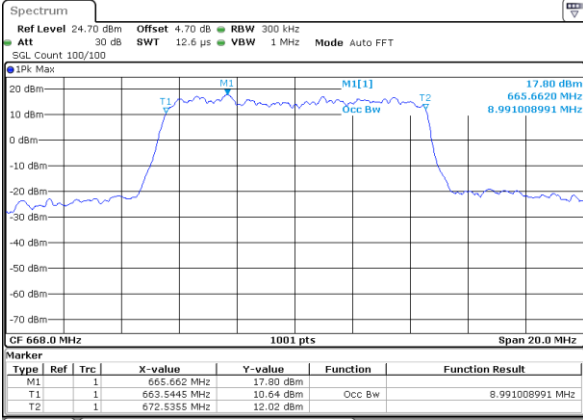


Date: 5 FEB 2020 23:25:20



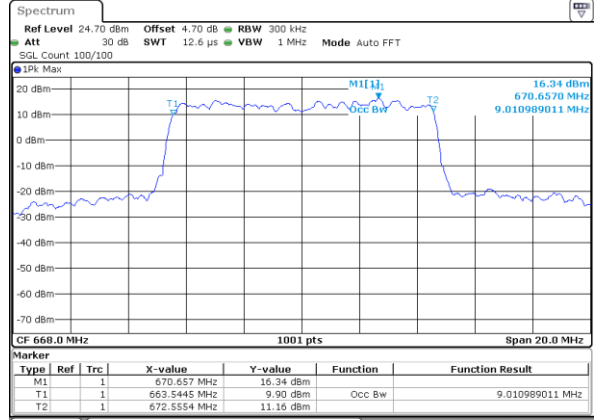
LTE Band 71

Lowest Channel / 10MHz / QPSK



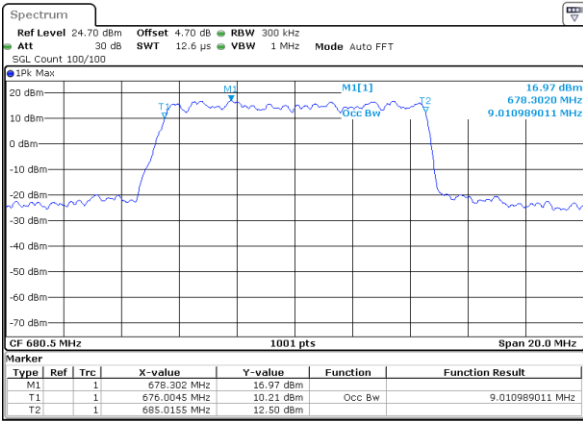
Date: 5 FEB 2020 23:32:11

Lowest Channel / 10MHz / 16QAM



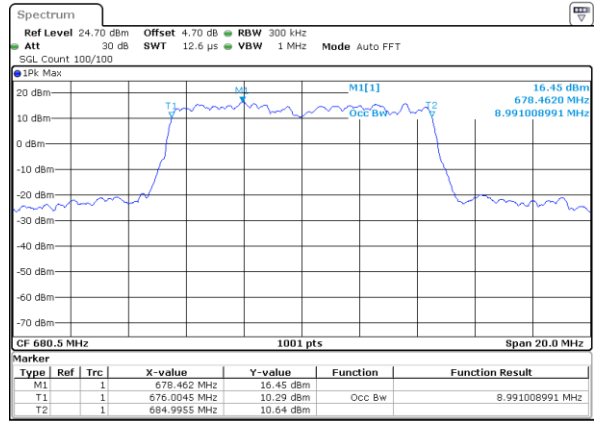
Date: 5 FEB 2020 23:30:53

Middle Channel / 10MHz / QPSK



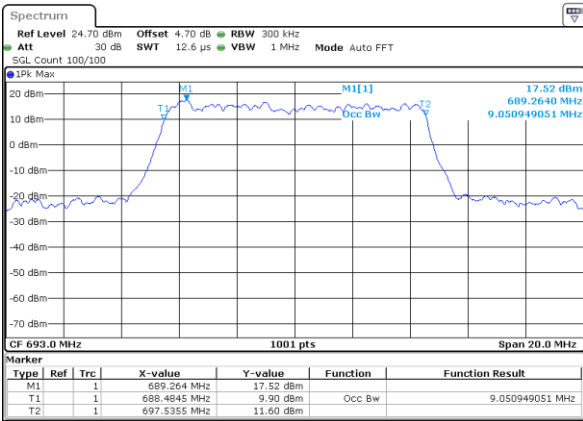
Date: 5 FEB 2020 23:38:09

Middle Channel / 10MHz / 16QAM



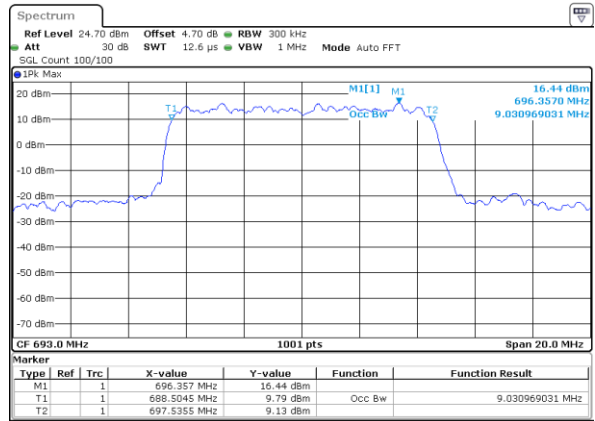
Date: 5 FEB 2020 23:38:30

Highest Channel / 10MHz / QPSK



Date: 5 FEB 2020 23:40:01

Highest Channel / 10MHz / 16QAM

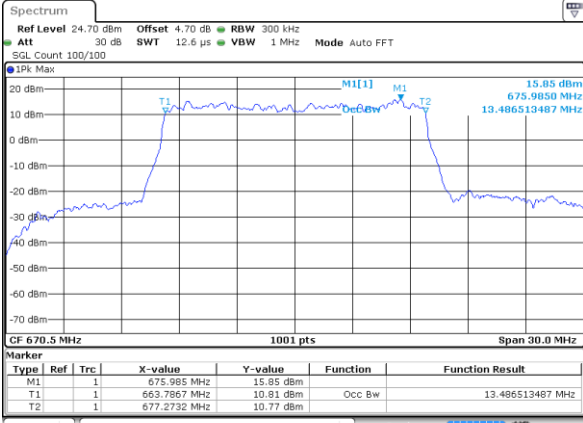


Date: 5 FEB 2020 23:39:00



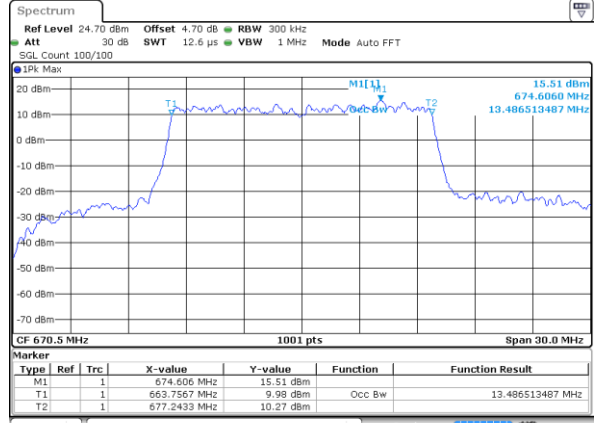
LTE Band 71

Lowest Channel / 15MHz / QPSK



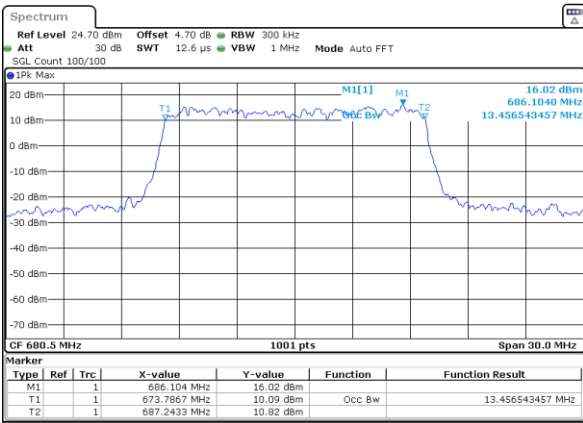
Date: 5 FEB 2020 23:43:25

Lowest Channel / 15MHz / 16QAM



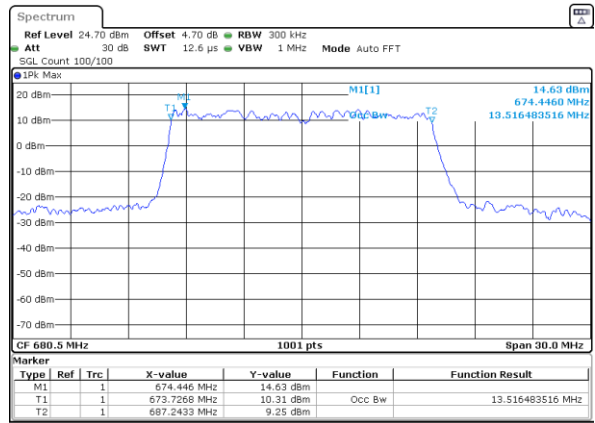
Date: 5 FEB 2020 23:44:25

Middle Channel / 15MHz / QPSK



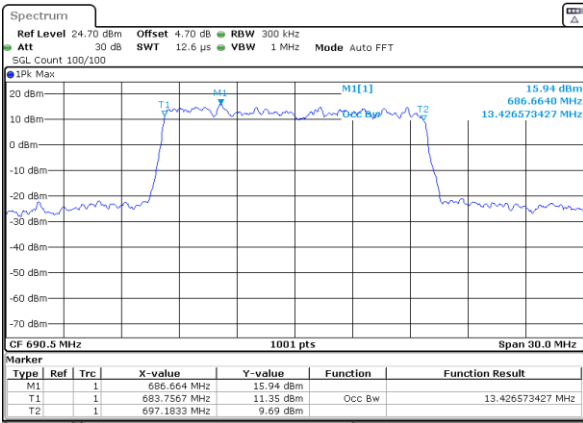
Date: 6 FEB 2020 00:12:50

Middle Channel / 15MHz / 16QAM



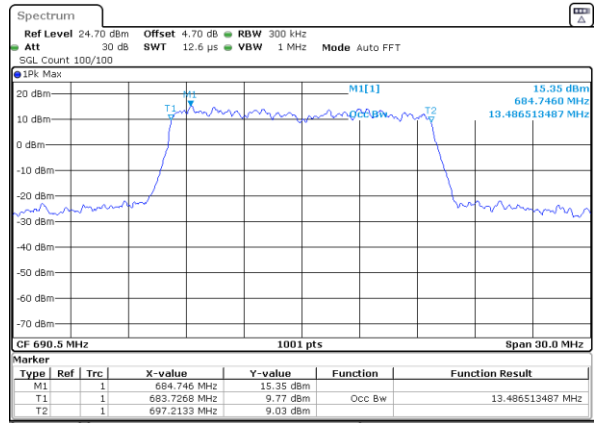
Date: 6 FEB 2020 00:12:59

Highest Channel / 15MHz / QPSK



Date: 6 FEB 2020 00:13:32

Highest Channel / 15MHz / 16QAM

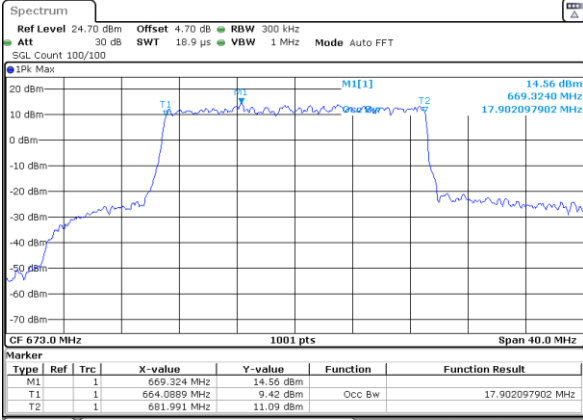


Date: 6 FEB 2020 00:14:31



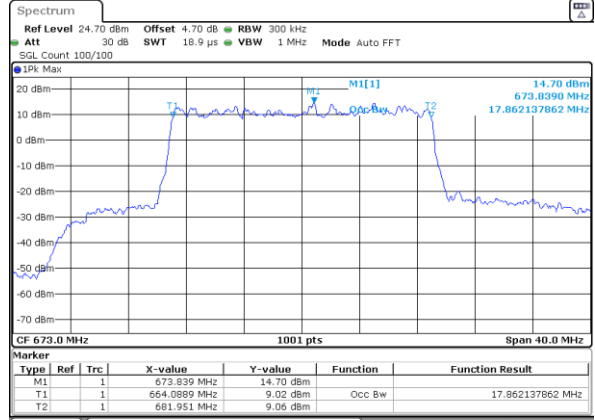
LTE Band 71

Lowest Channel / 20MHz / QPSK



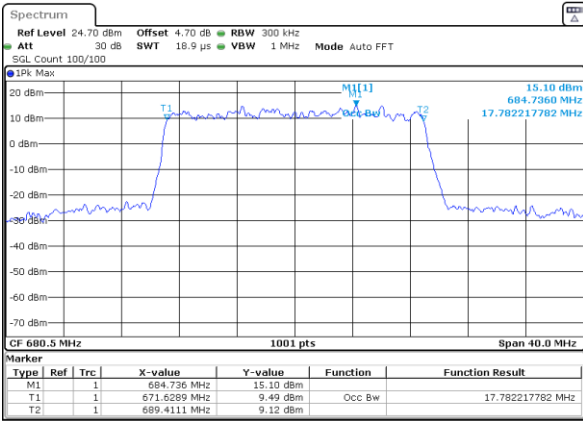
Date: 6 FEB 2020 00:19:57

Lowest Channel / 20MHz / 16QAM



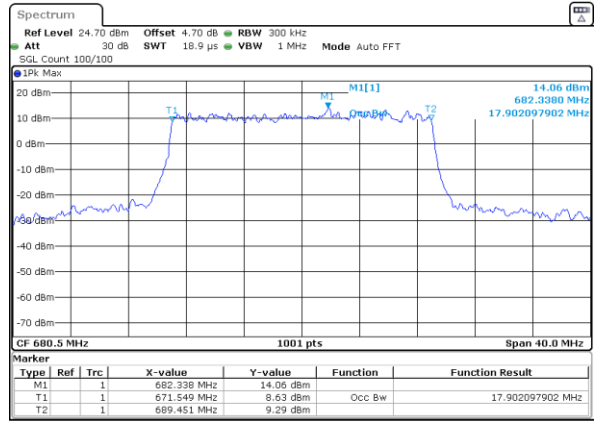
Date: 6 FEB 2020 00:18:46

Middle Channel / 20MHz / QPSK



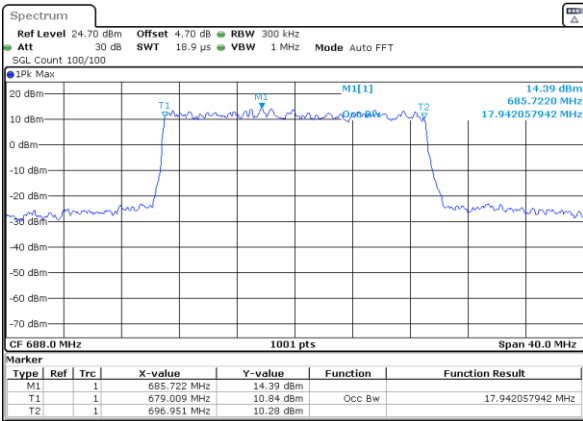
Date: 6 FEB 2020 00:24:42

Middle Channel / 20MHz / 16QAM



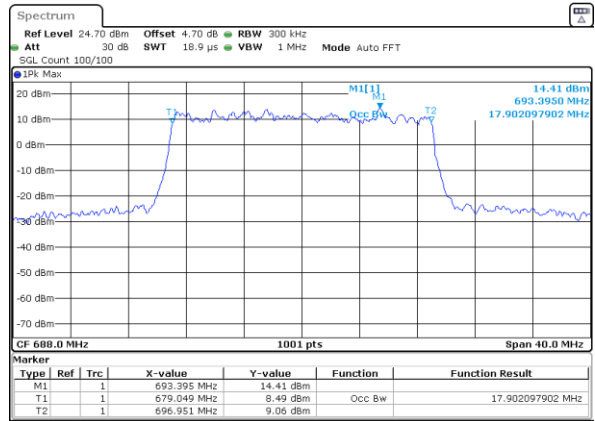
Date: 6 FEB 2020 00:25:09

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



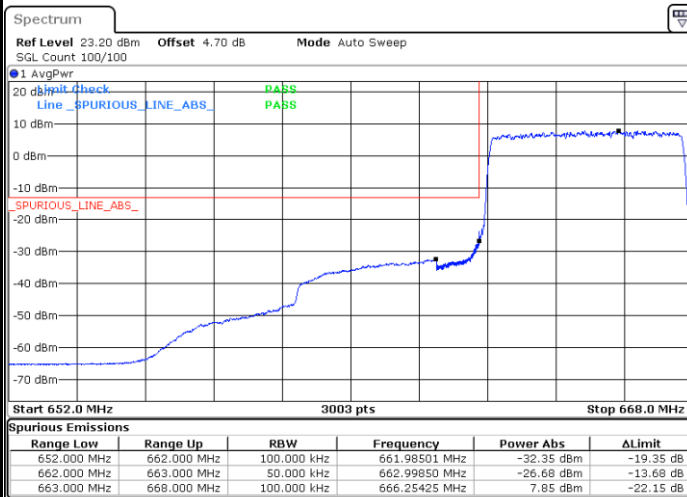
Date: 5 FEB 2020 23:19:45

Highest Band Edge / 1 RB



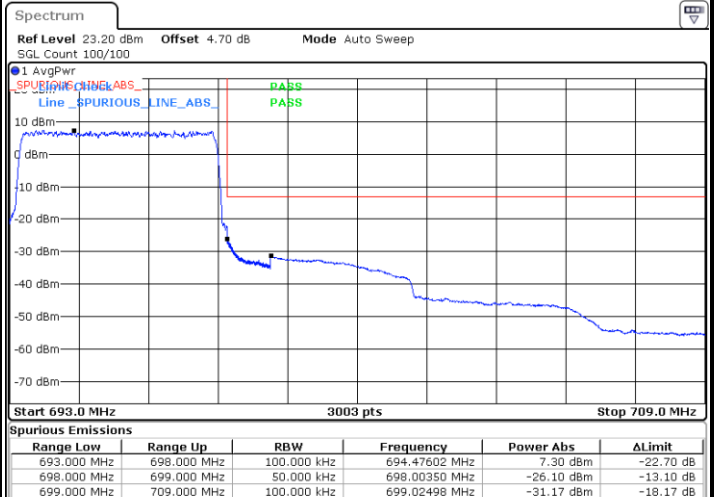
Date: 5 FEB 2020 23:29:19

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:10:33

Highest Band Edge / Full RB

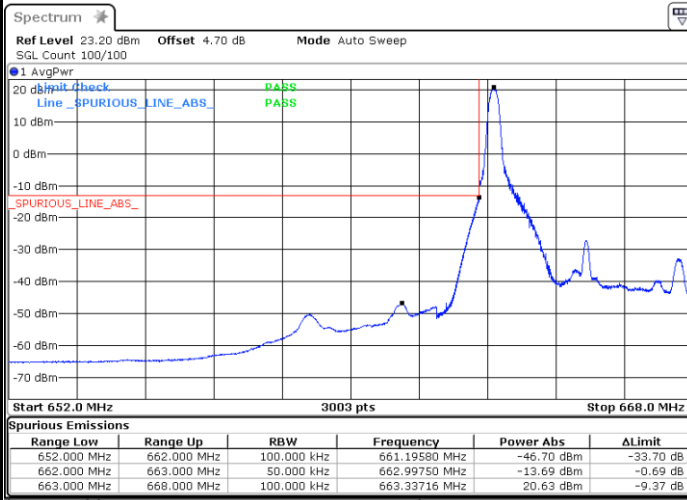


Date: 5 FEB 2020 23:25:06



LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



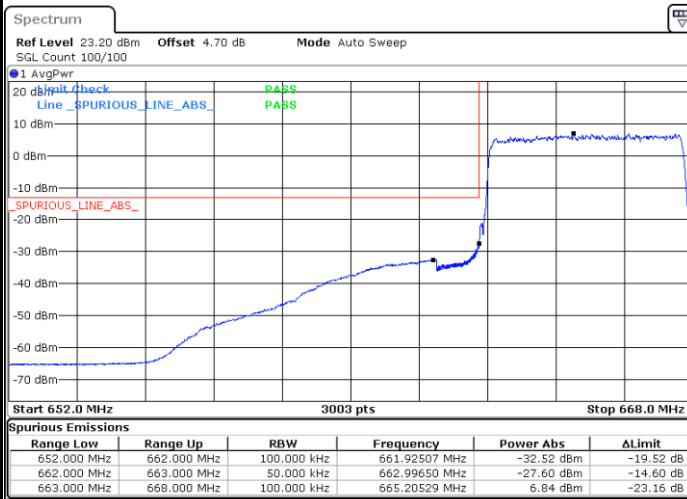
Date: 5 FEB 2020 23:17:19

Highest Band Edge / 1 RB



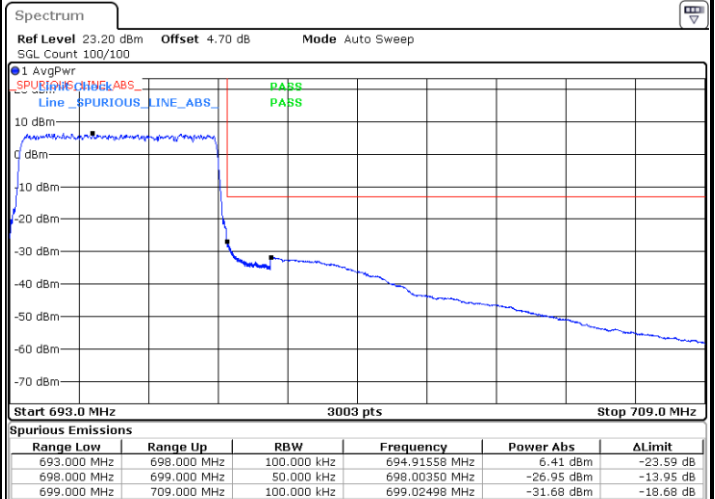
Date: 5 FEB 2020 23:30:13

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:12:37

Highest Band Edge / Full RB

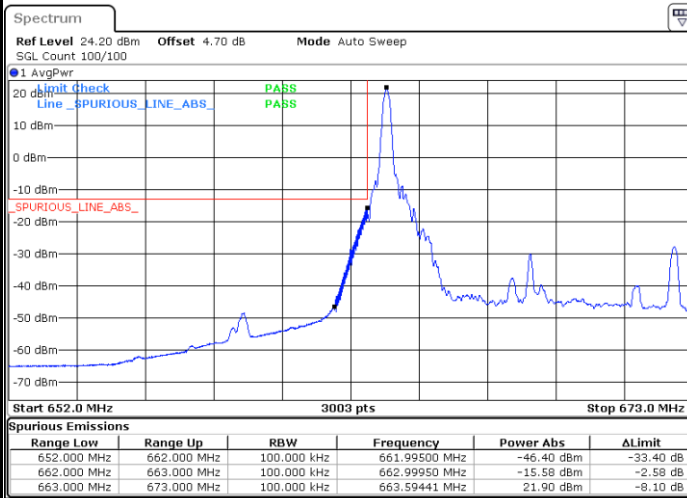


Date: 5 FEB 2020 23:26:09



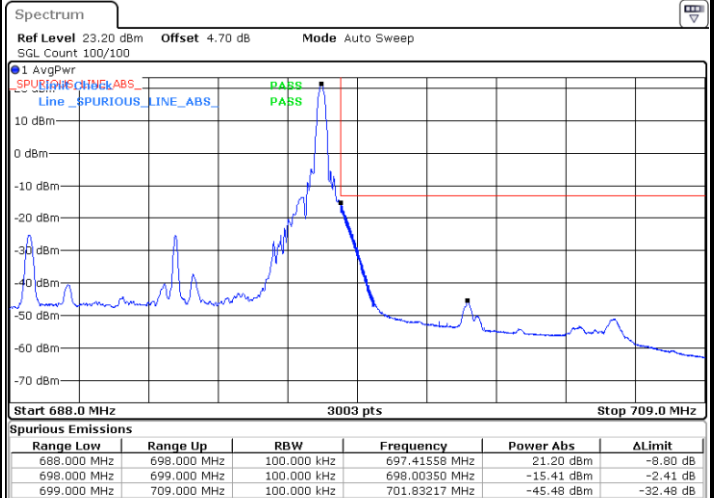
LTE Band 71 / 10MHz / QPSK

Lowest Band Edge / 1 RB



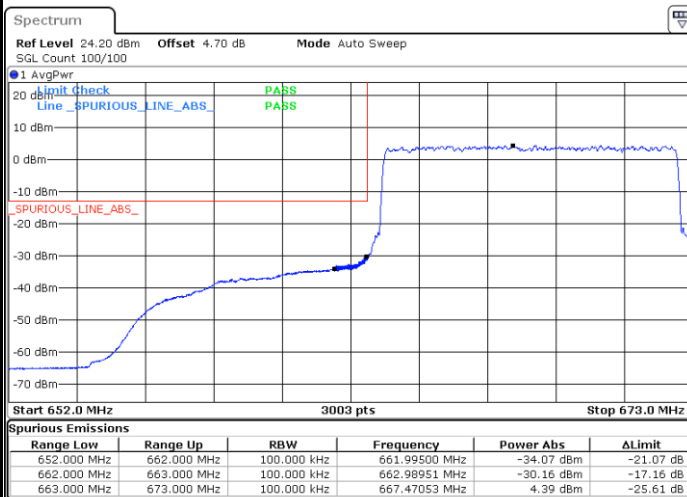
Date: 5 FEB 2020 23:33:33

Highest Band Edge / 1 RB



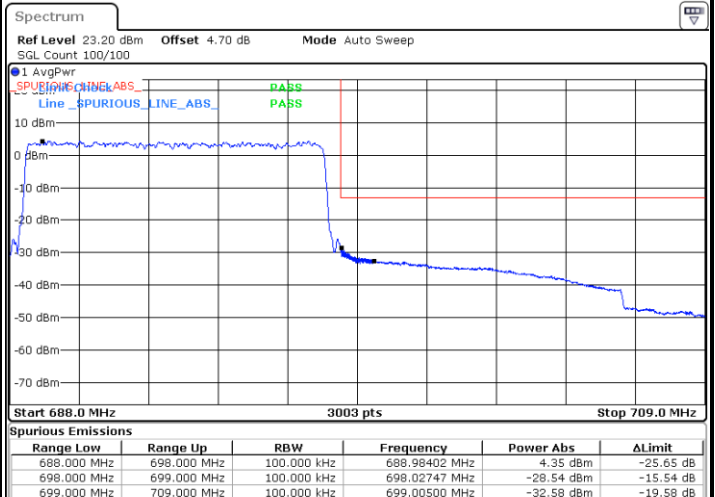
Date: 5 FEB 2020 23:42:51

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:32:49

Highest Band Edge / Full RB

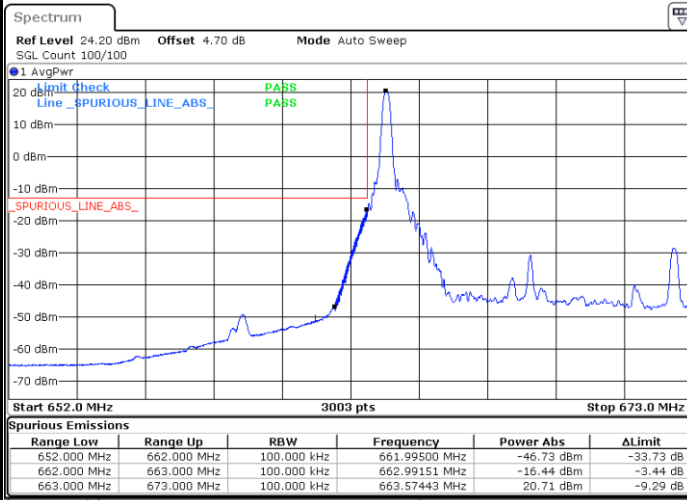


Date: 5 FEB 2020 23:40:40



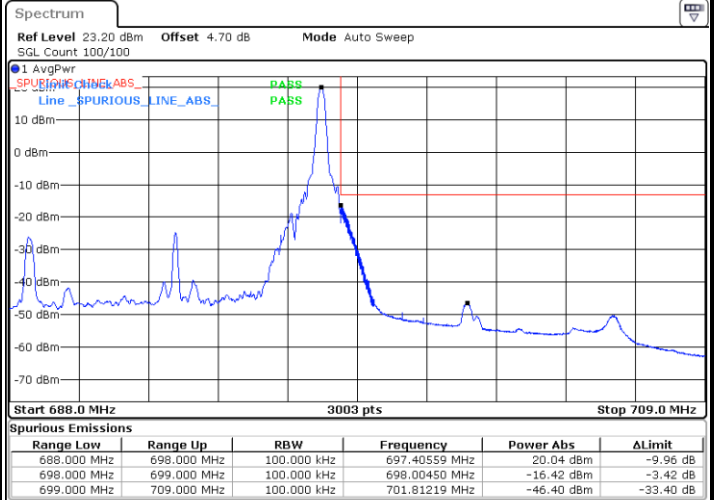
LTE Band 71 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



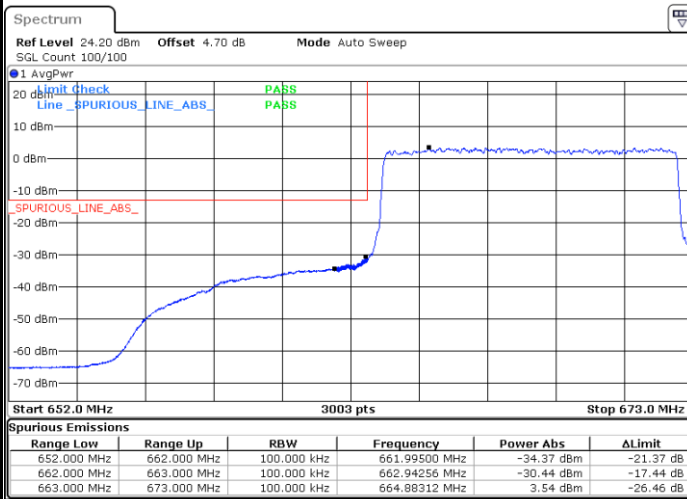
Date: 5 FEB 2020 23:34:57

Highest Band Edge / 1 RB



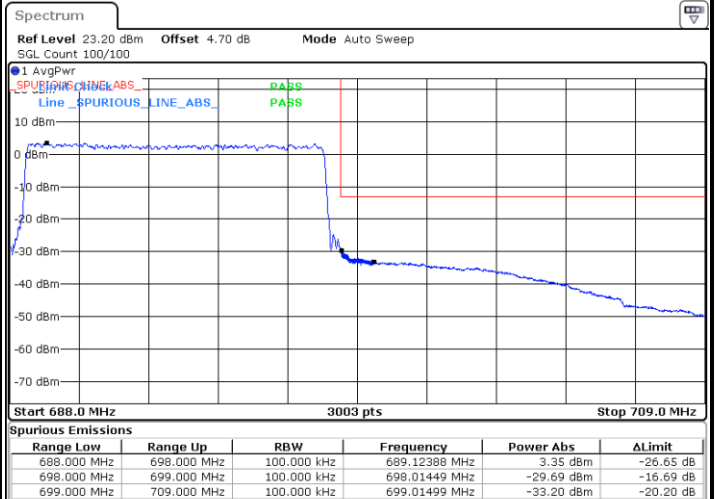
Date: 5 FEB 2020 23:42:08

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:31:57

Highest Band Edge / Full RB

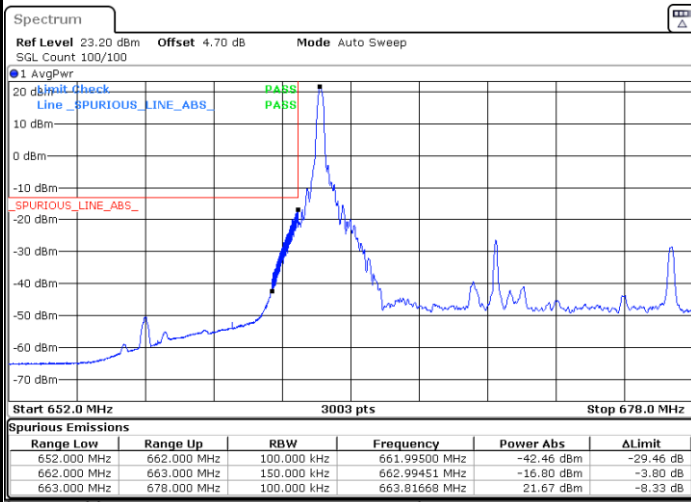


Date: 5 FEB 2020 23:39:43



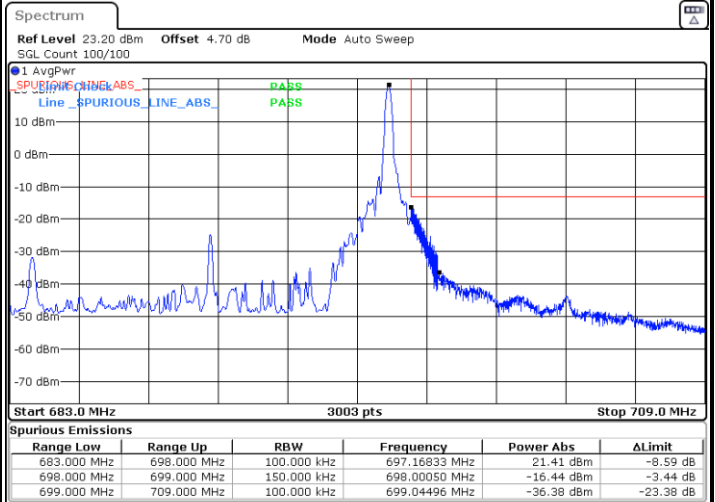
LTE Band 71 / 15MHz / QPSK

Lowest Band Edge / 1 RB



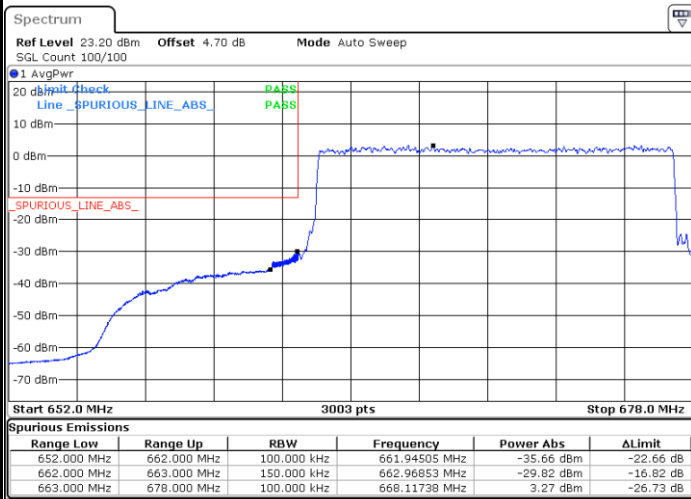
Date: 6 FEB 2020 00:10:48

Highest Band Edge / 1 RB



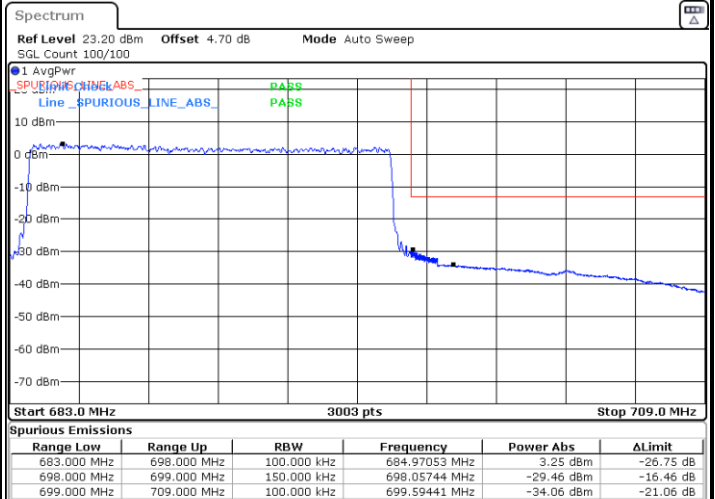
Date: 6 FEB 2020 00:17:18

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:44:04

Highest Band Edge / Full RB

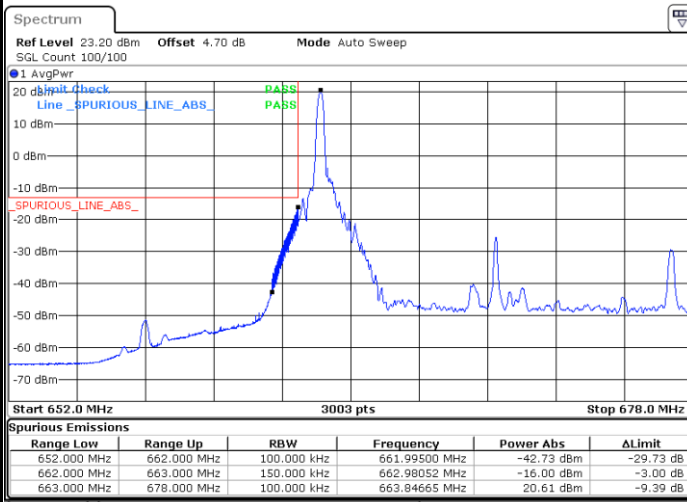


Date: 6 FEB 2020 00:14:11



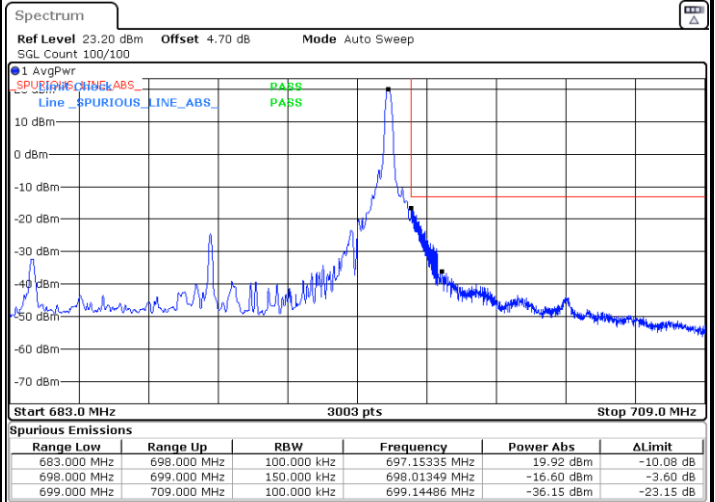
LTE Band 71 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



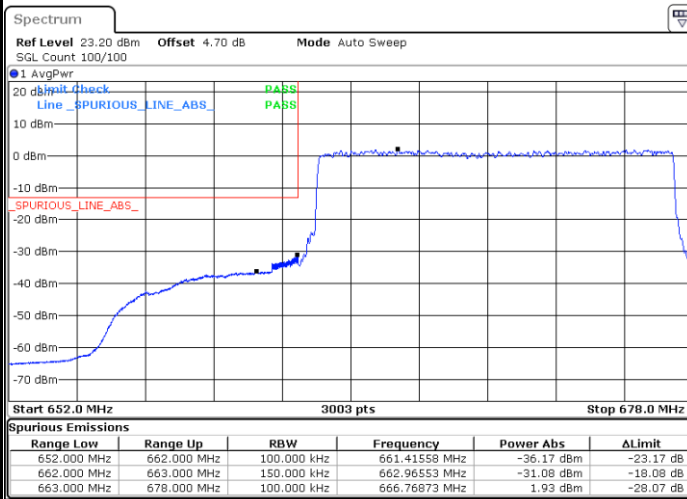
Date: 5 FEB 2020 23:45:43

Highest Band Edge / 1 RB



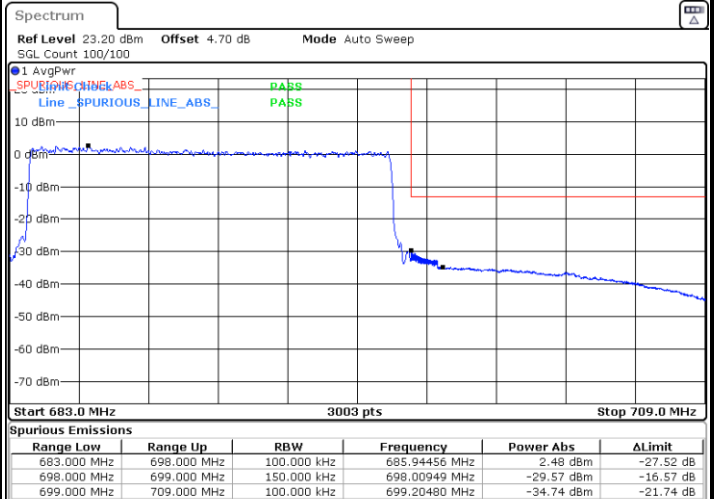
Date: 6 FEB 2020 00:17:57

Lowest Band Edge / Full RB



Date: 5 FEB 2020 23:45:04

Highest Band Edge / Full RB

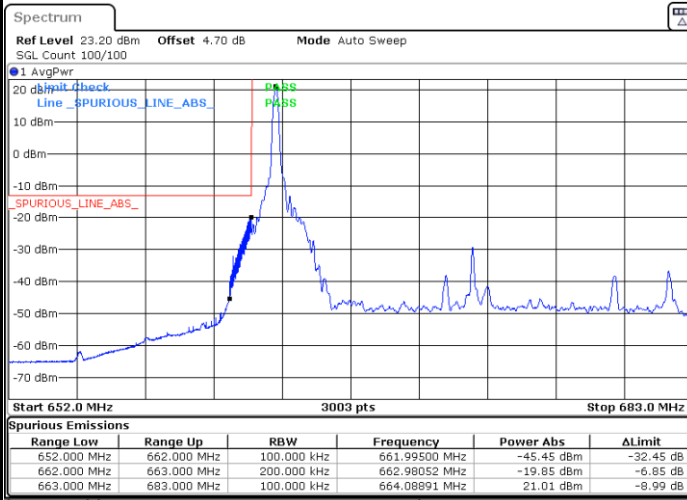


Date: 6 FEB 2020 00:15:48



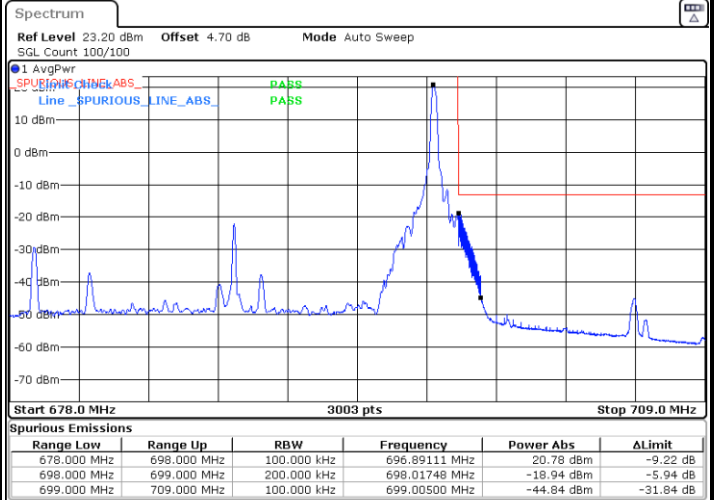
LTE Band 71 / 20MHz / QPSK

Lowest Band Edge / 1 RB



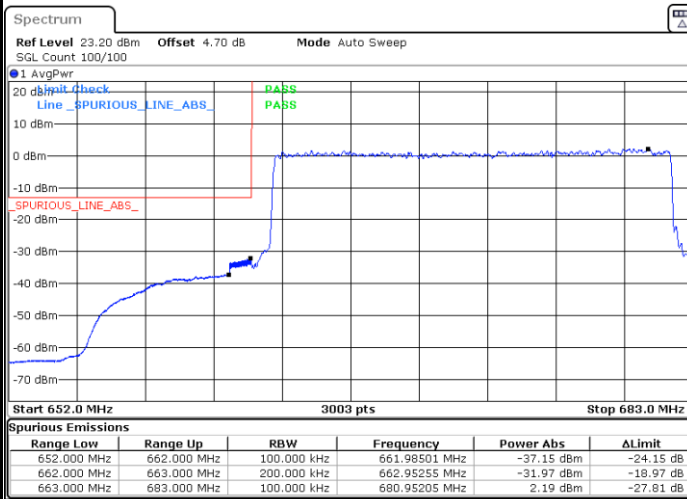
Date: 6 FEB 2020 00:21:25

Highest Band Edge / 1 RB



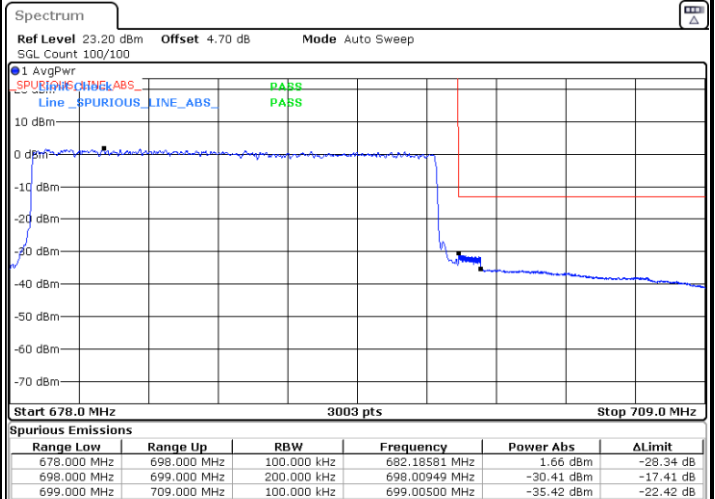
Date: 6 FEB 2020 00:30:09

Lowest Band Edge / Full RB



Date: 6 FEB 2020 00:20:35

Highest Band Edge / Full RB

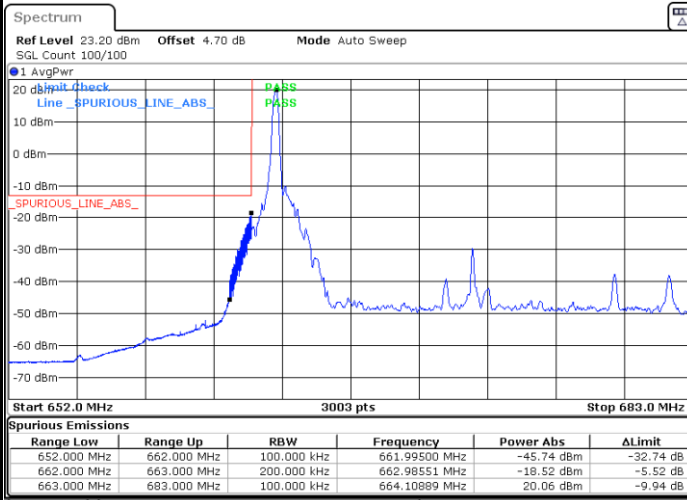


Date: 6 FEB 2020 00:27:37



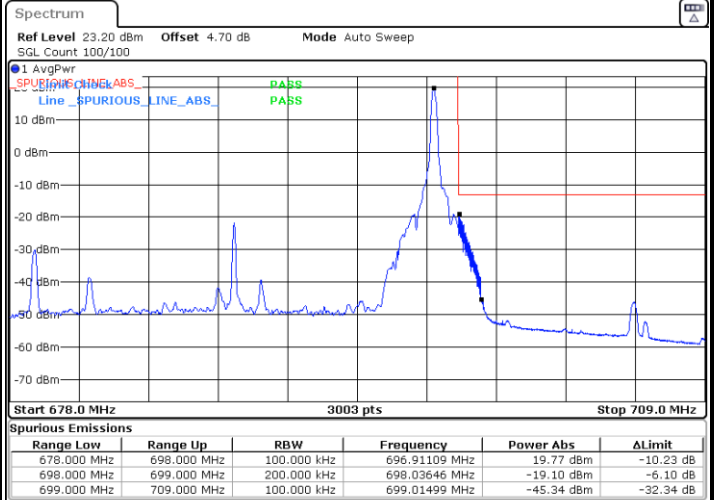
LTE Band 71 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



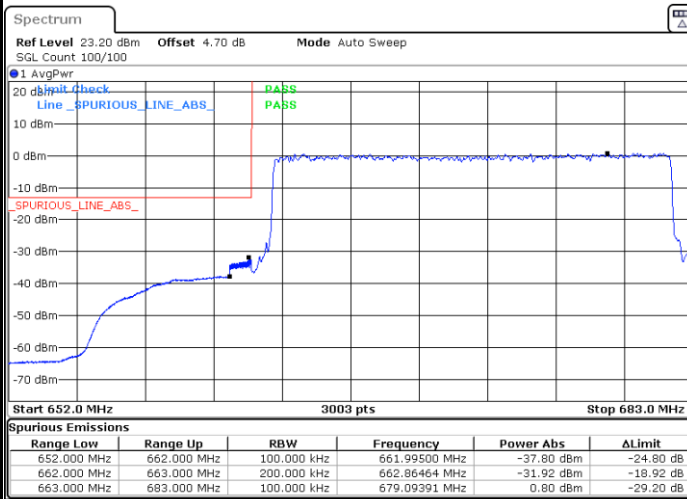
Date: 6 FEB 2020 00:22:35

Highest Band Edge / 1RB



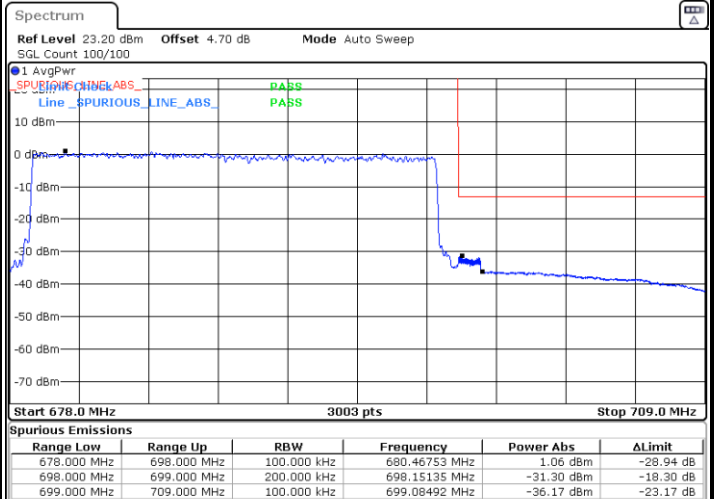
Date: 6 FEB 2020 00:29:19

Lowest Band Edge / Full RB



Date: 6 FEB 2020 00:19:24

Highest Band Edge / Full RB



Date: 6 FEB 2020 00:26:27



Conducted Spurious Emission

