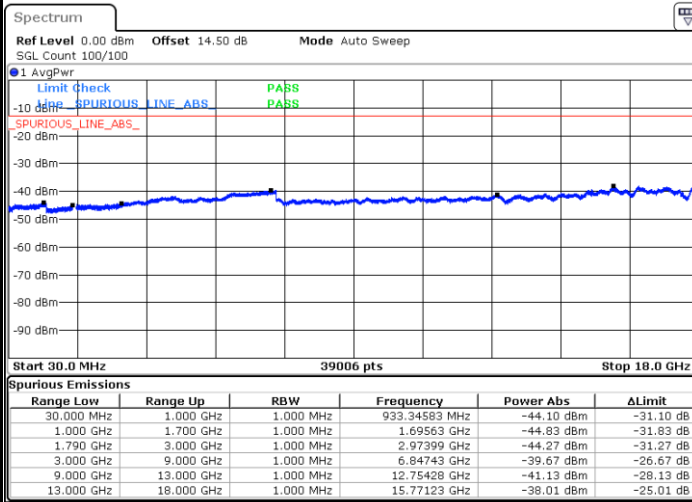




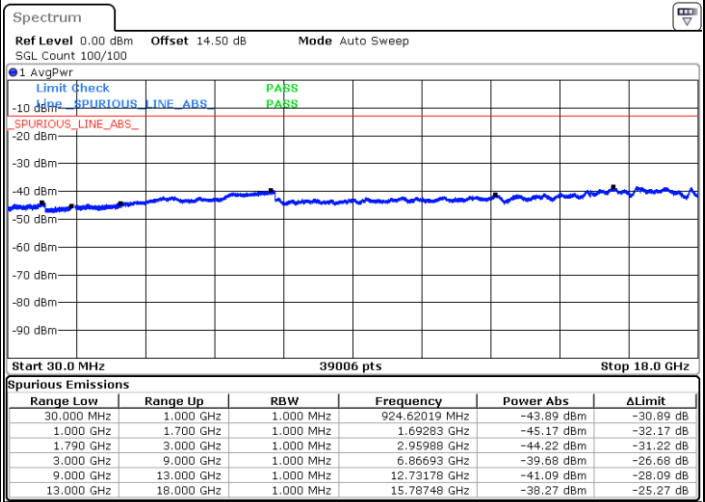
LTE Band 66 / 5MHz

Highest Channel / QPSK



Date: 10 MAY 2023 13:05:10

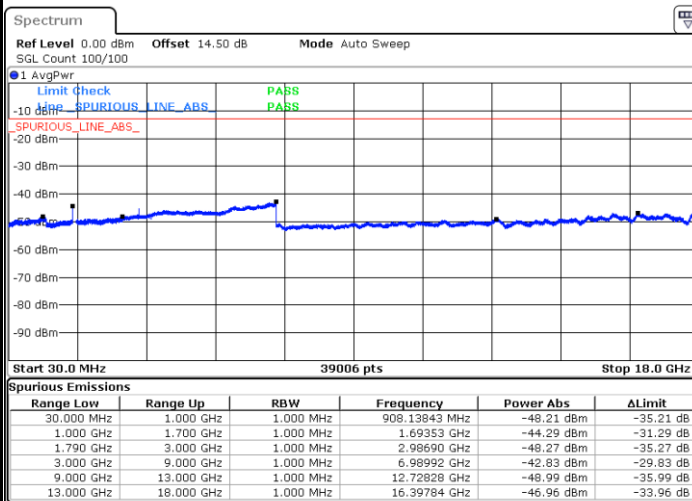
Highest Channel / 16QAM



Date: 10 MAY 2023 13:33:43

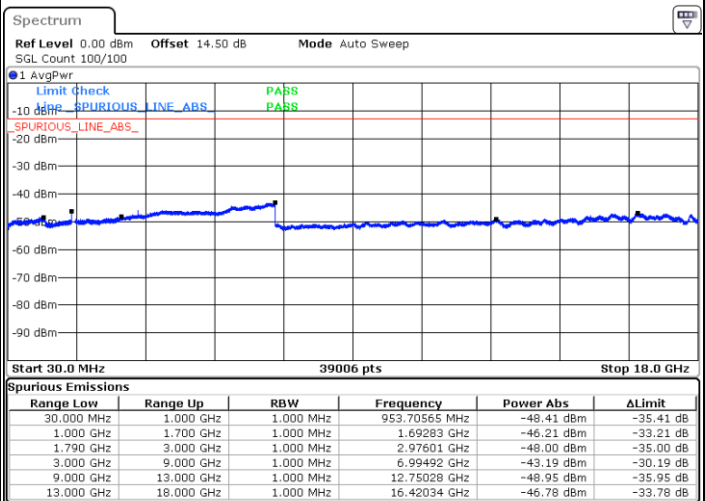
LTE Band 66 / 10MHz

Lowest Channel / QPSK



Date: 10 MAY 2023 13:40:12

Lowest Channel / 16QAM

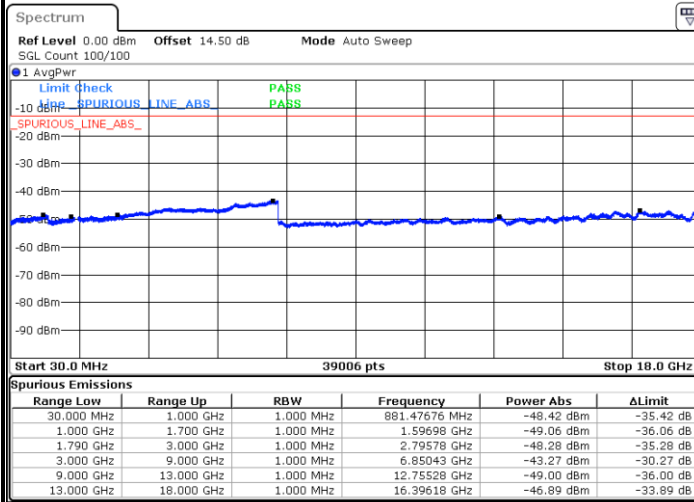


Date: 10 MAY 2023 13:41:28



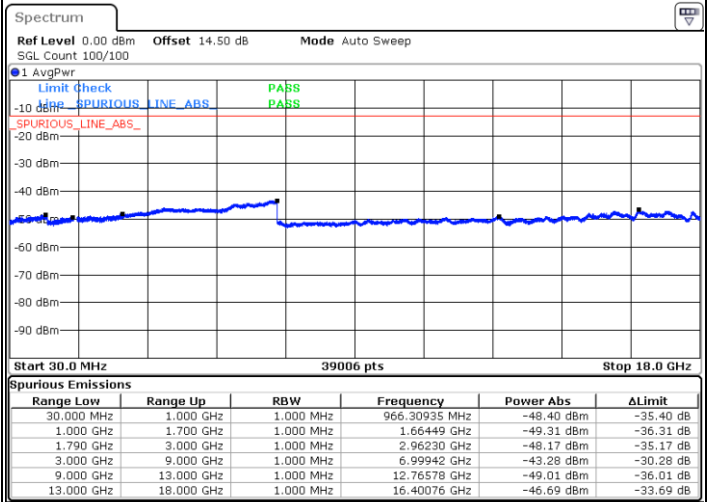
LTE Band 66 / 10MHz

Middle Channel / QPSK



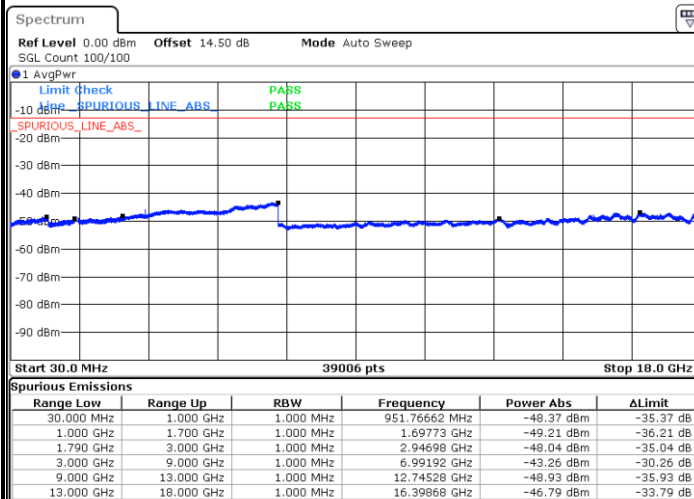
Date: 10 MAY 2023 13:44:20

Middle Channel / 16QAM



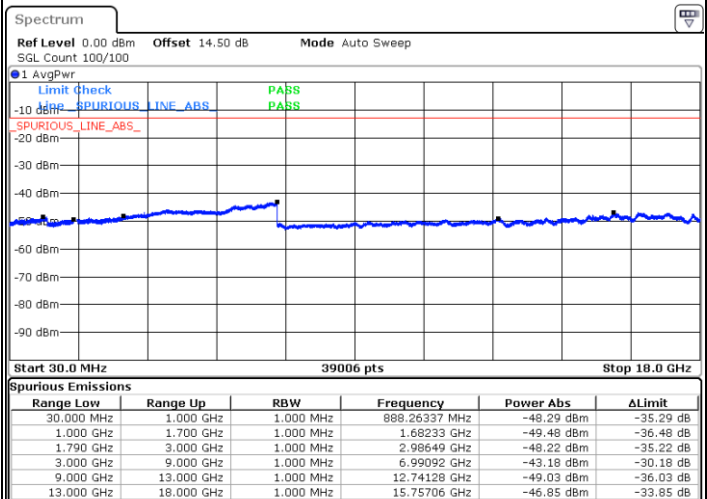
Date: 10 MAY 2023 13:45:35

Highest Channel / QPSK



Date: 10 MAY 2023 13:52:03

Highest Channel / 16QAM

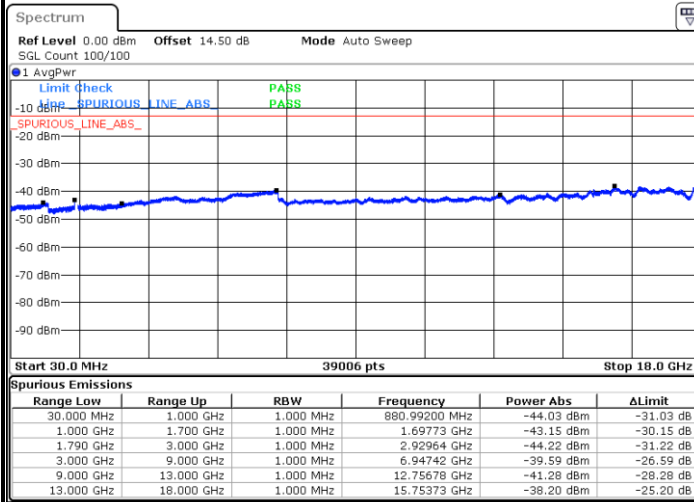


Date: 10 MAY 2023 13:53:18



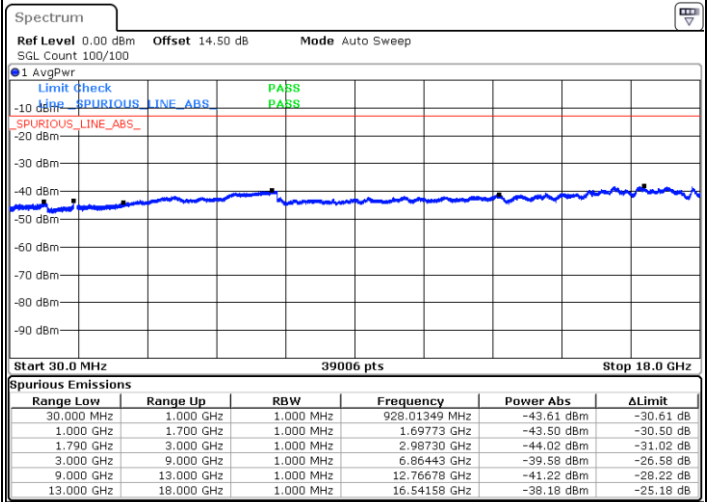
LTE Band 66 / 15MHz

Lowest Channel / QPSK



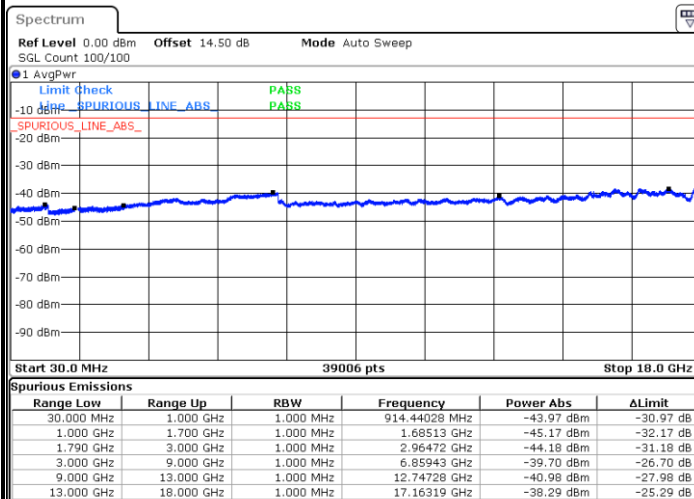
Date: 10 MAY 2023 13:59:46

Lowest Channel / 16QAM



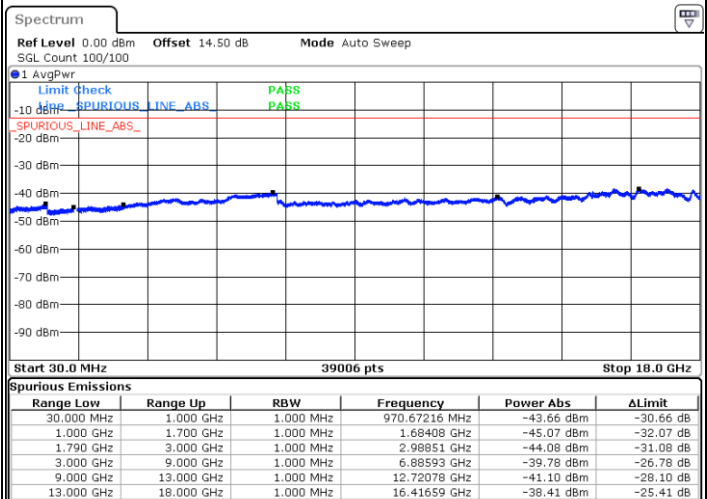
Date: 10 MAY 2023 14:01:02

Middle Channel / QPSK



Date: 10 MAY 2023 14:03:54

Middle Channel / 16QAM

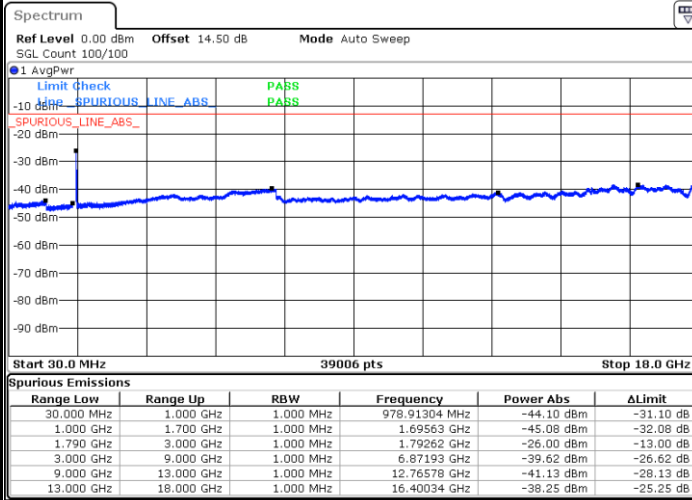


Date: 10 MAY 2023 14:05:09



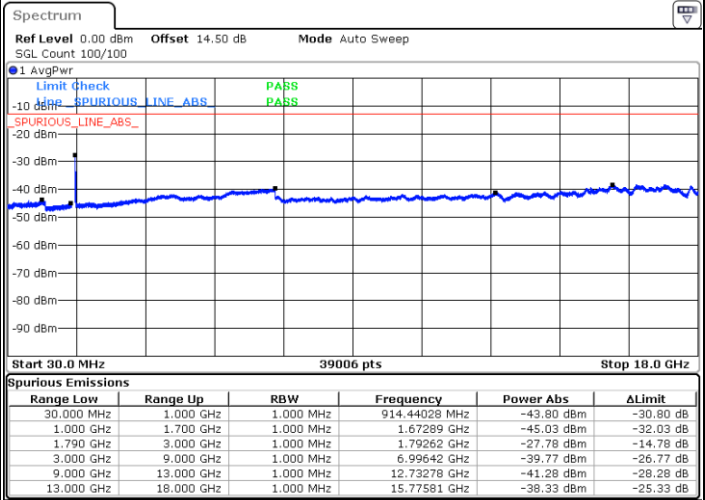
LTE Band 66 / 15MHz

Highest Channel / QPSK



Date: 10 MAY 2023 14:11:39

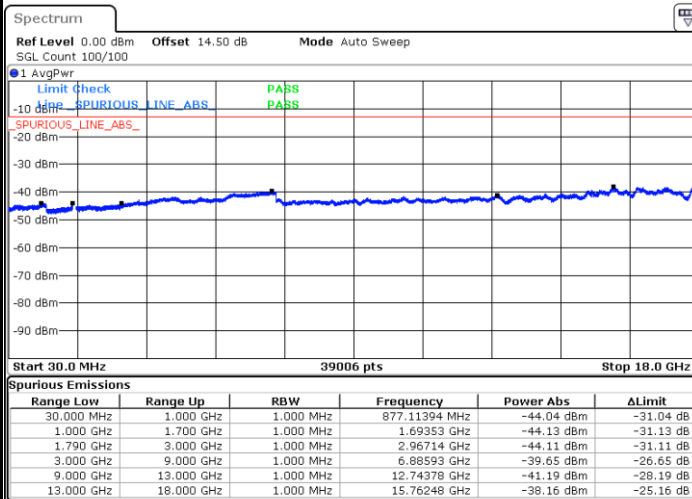
Highest Channel / 16QAM



Date: 10 MAY 2023 14:12:53

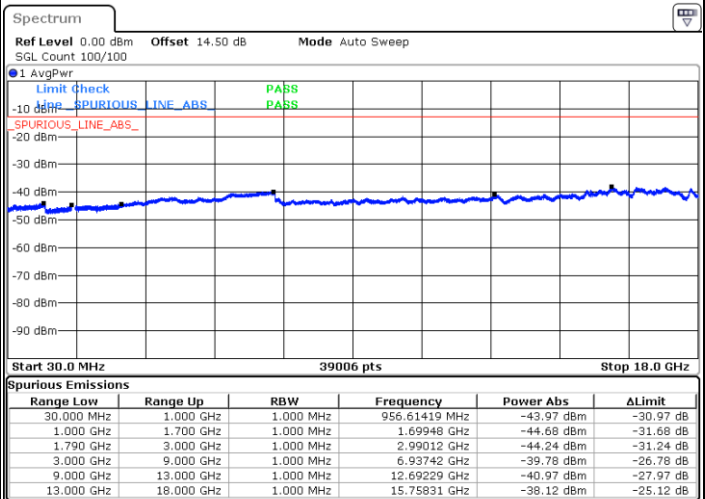
LTE Band 66 / 20MHz

Lowest Channel / QPSK



Date: 10 MAY 2023 14:19:22

Lowest Channel / 16QAM

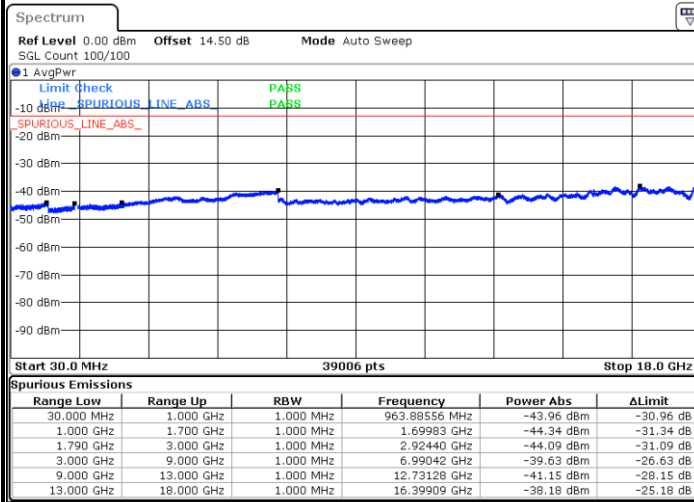


Date: 10 MAY 2023 14:20:36



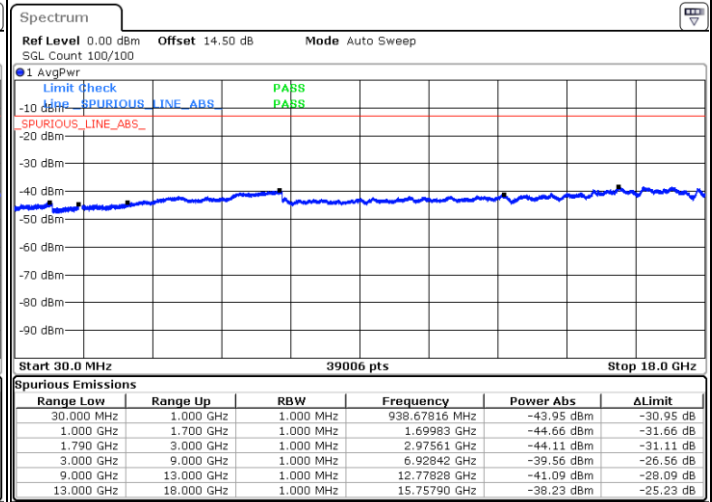
LTE Band 66 / 20MHz

Middle Channel / QPSK



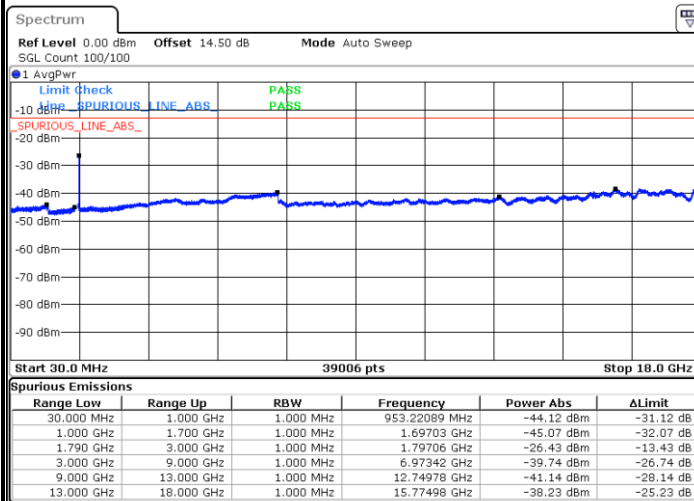
Date: 10 MAY 2023 14:23:28

Middle Channel / 16QAM



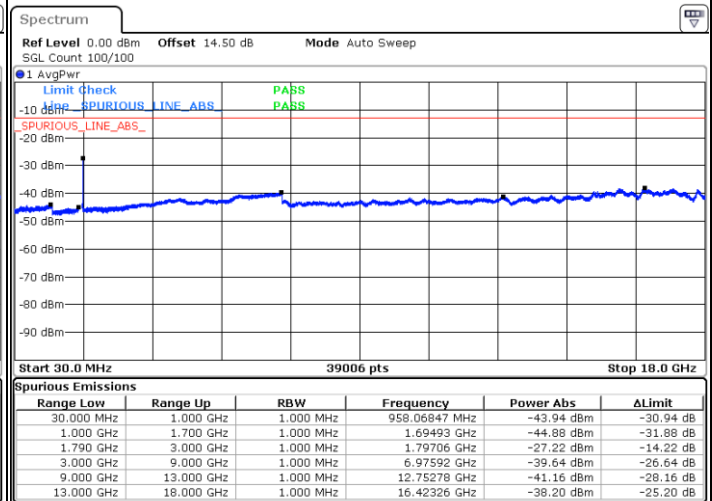
Date: 10 MAY 2023 14:24:43

Highest Channel / QPSK



Date: 10 MAY 2023 14:31:10

Highest Channel / 16QAM



Date: 10 MAY 2023 14:32:24

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	0.0006	PASS
40	Normal Voltage	0.0011	
30	Normal Voltage	0.0060	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0000	
0	Normal Voltage	0.0003	
-10	Normal Voltage	0.0007	
-20	Normal Voltage	0.0011	
-30	Normal Voltage	0.0009	
20	Maximum Voltage	0.0002	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0003	

Note:

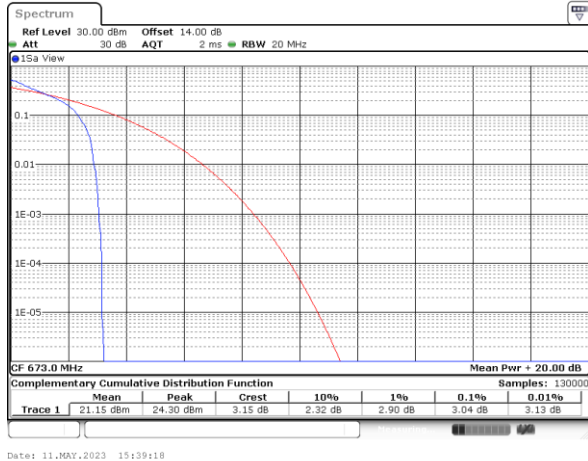
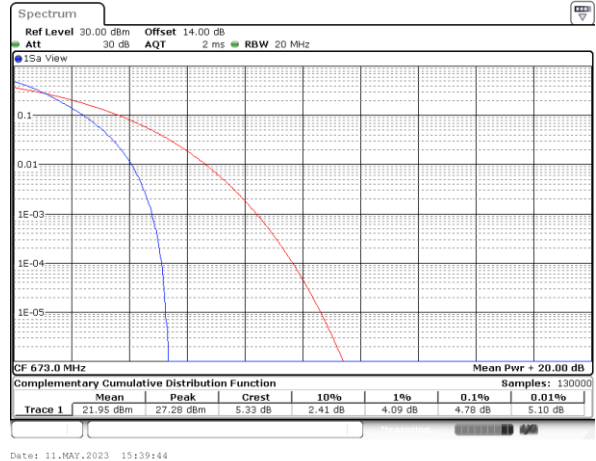
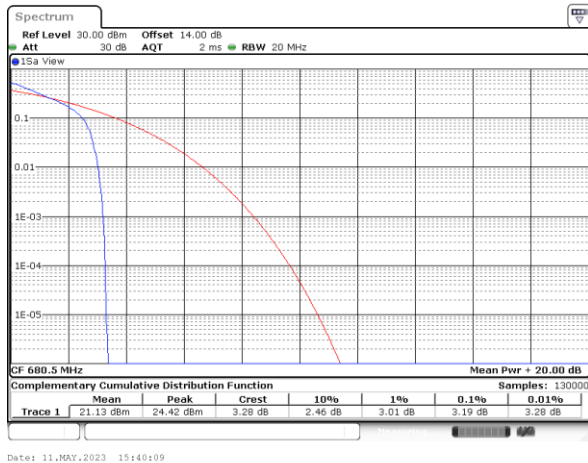
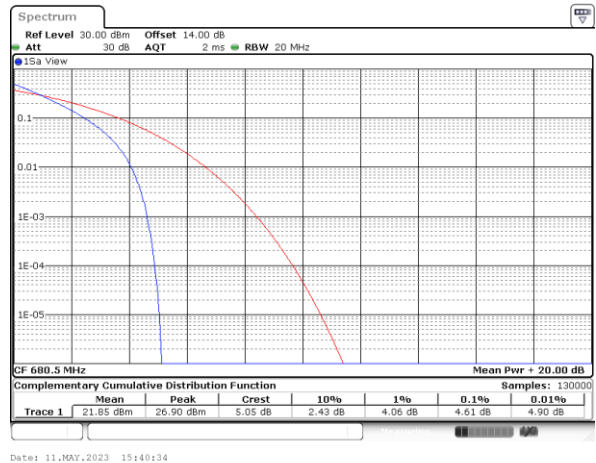
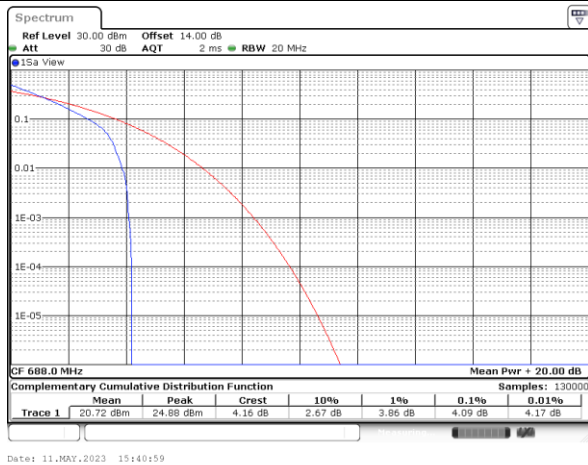
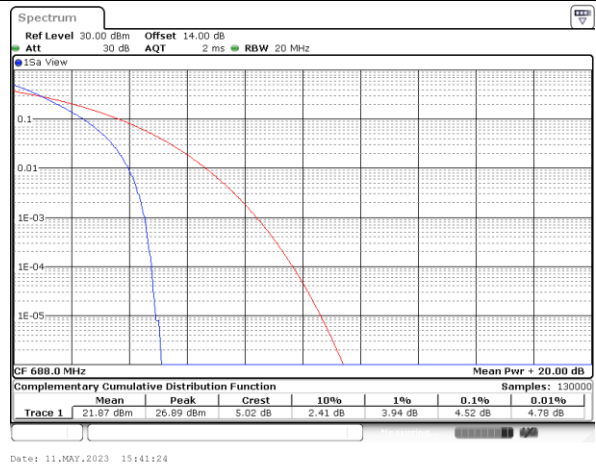
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 71

Peak-to-Average Ratio

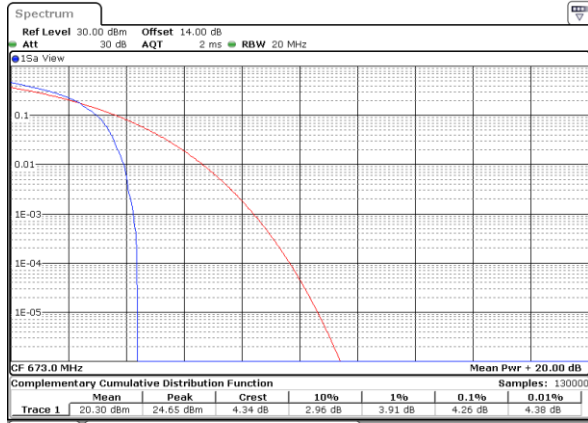
Mode	LTE Band 71 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.04	4.78	4.26	5.68	PASS
Middle CH	3.19	4.61	4.32	5.68	
Highest CH	4.09	4.52	4.87	5.54	

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


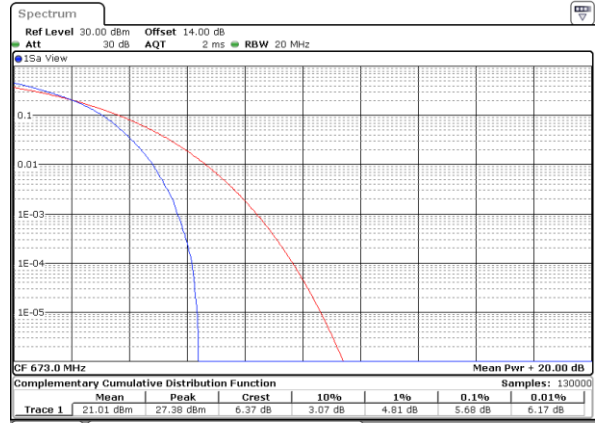


LTE Band 71 / 20MHz / 16QAM

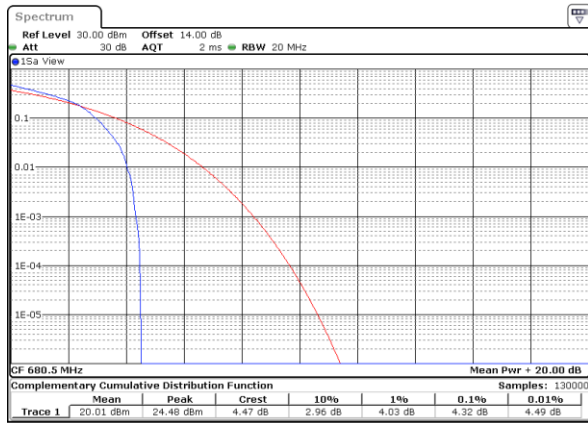
Lowest Channel / 1RB



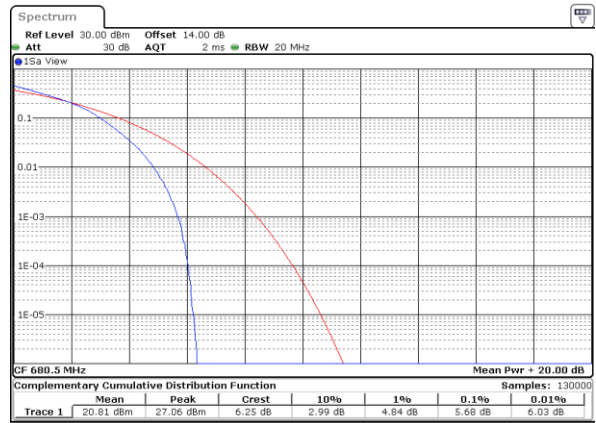
Lowest Channel / Full RB



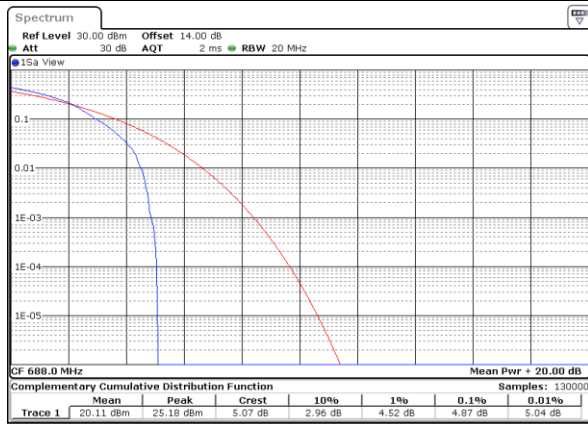
Middle Channel / 1RB



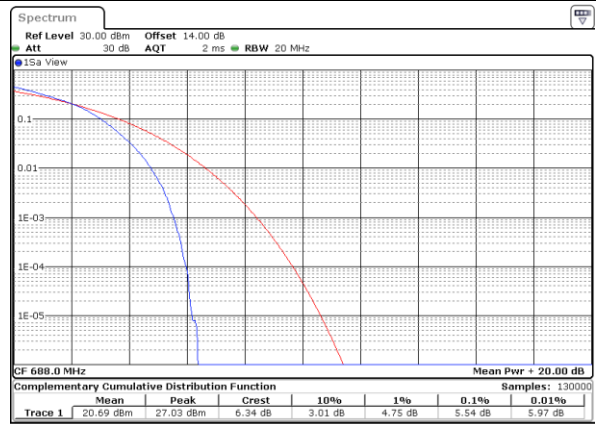
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





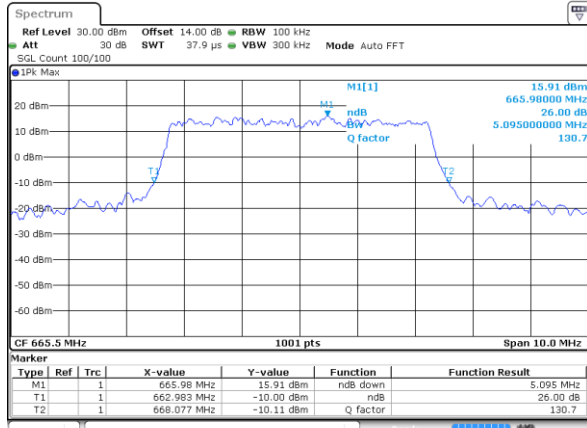
26dB Bandwidth

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	-	-	-	-	5.10	5.08	9.95	9.75	14.36	14.51	19.02	18.98
Middle CH	-	-	-	-	4.97	5.12	9.89	9.97	14.57	14.57	19.18	19.42
Highest CH	-	-	-	-	5.01	4.97	9.75	9.79	14.36	14.66	19.38	18.90



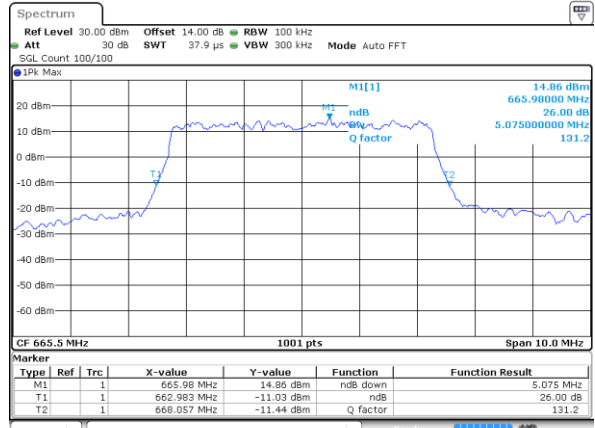
LTE Band 71

Lowest Channel / 5MHz / QPSK



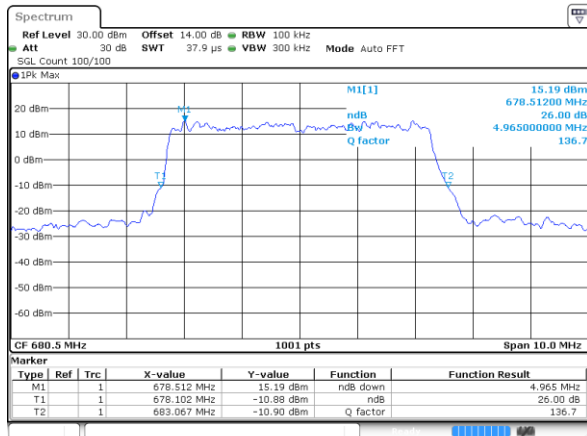
Date: 10 MAY 2023 18:57:29

Lowest Channel / 5MHz / 16QAM



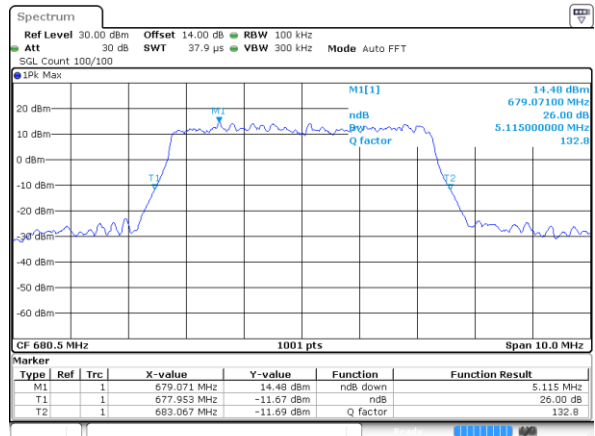
Date: 10 MAY 2023 18:57:52

Middle Channel / 5MHz / QPSK



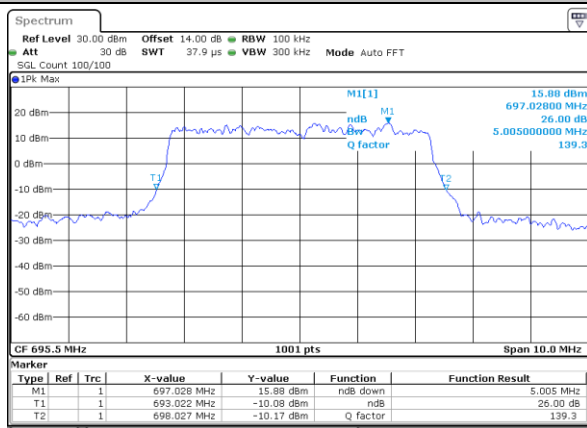
Date: 10 MAY 2023 19:06:29

Middle Channel / 5MHz / 16QAM



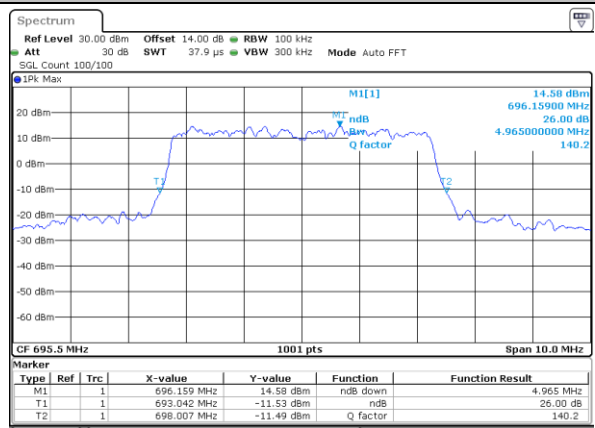
Date: 10 MAY 2023 19:06:52

Highest Channel / 5MHz / QPSK



Date: 10 MAY 2023 19:11:06

Highest Channel / 5MHz / 16QAM

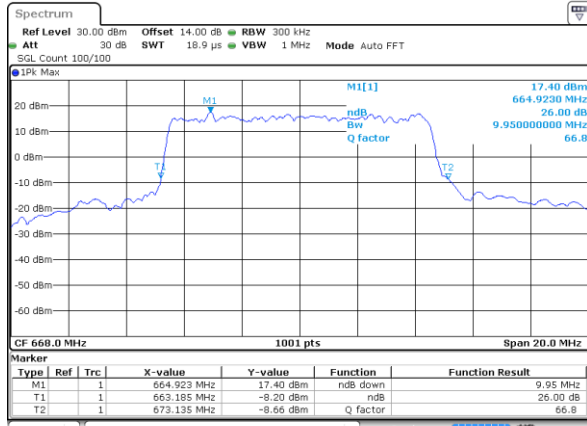


Date: 10 MAY 2023 19:11:29



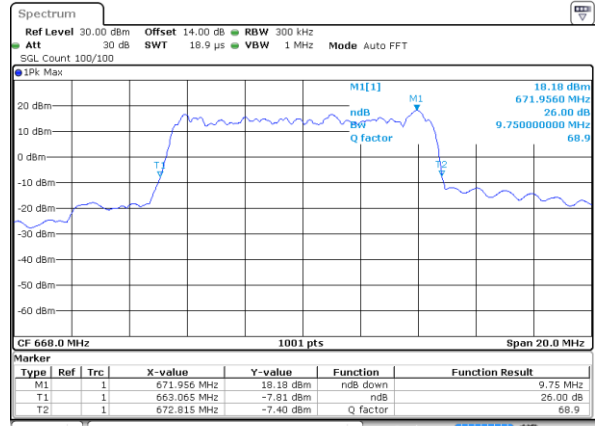
LTE Band 71

Lowest Channel / 10MHz / QPSK



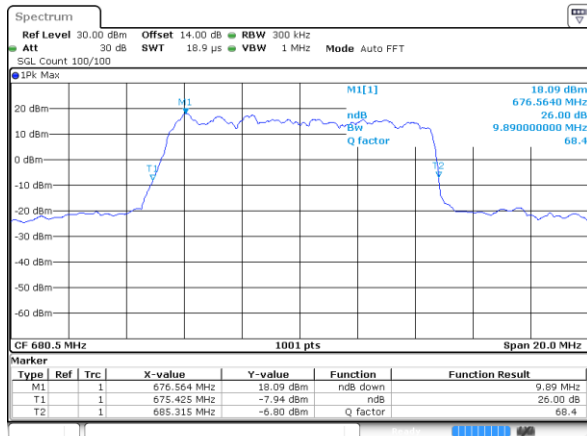
Date: 10 MAY 2023 19:20:08

Lowest Channel / 10MHz / 16QAM



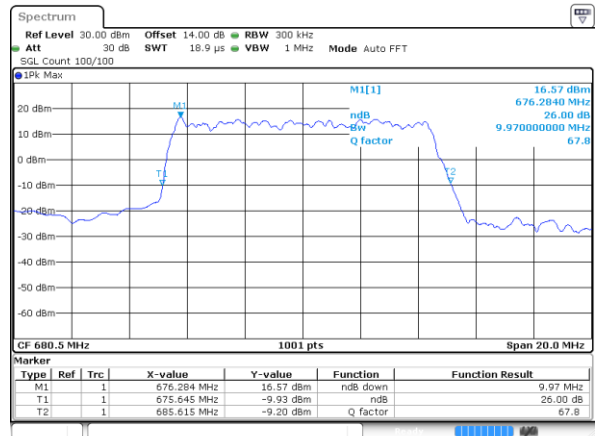
Date: 10 MAY 2023 19:20:32

Middle Channel / 10MHz / QPSK



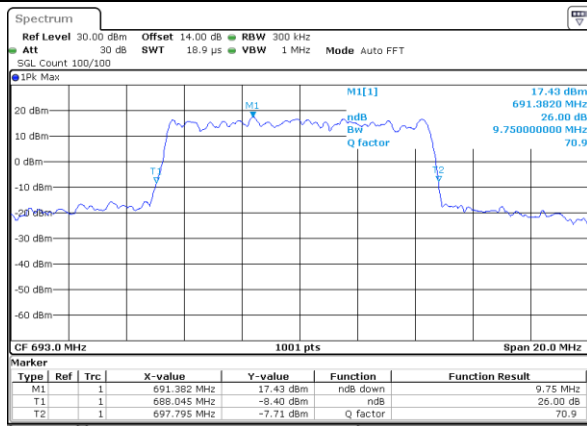
Date: 10 MAY 2023 19:29:03

Middle Channel / 10MHz / 16QAM



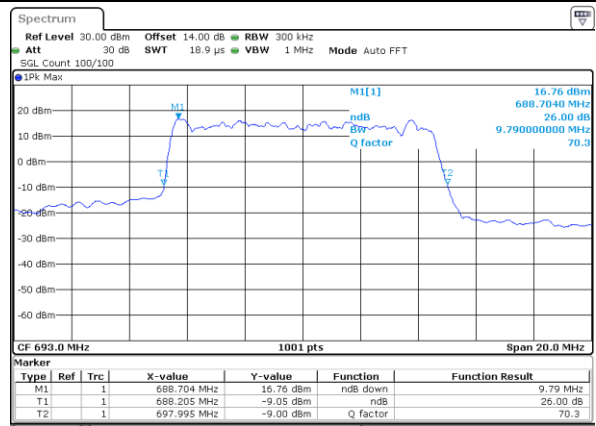
Date: 10 MAY 2023 19:29:26

Highest Channel / 10MHz / QPSK



Date: 10 MAY 2023 19:33:40

Highest Channel / 10MHz / 16QAM

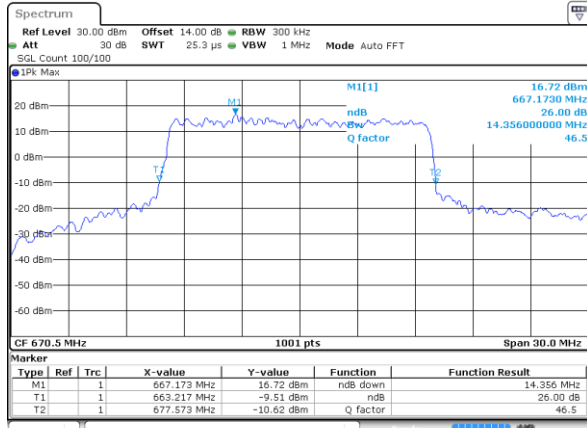


Date: 10 MAY 2023 19:34:04



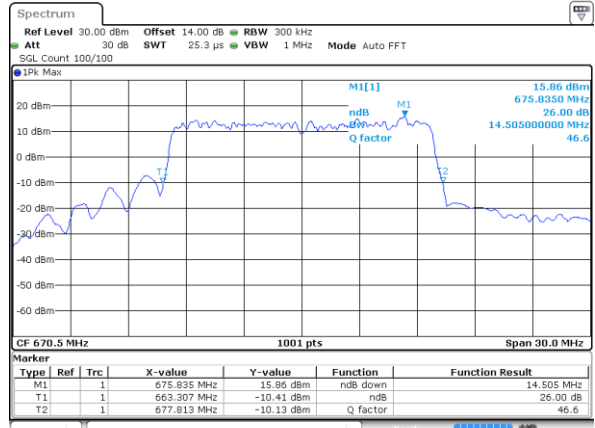
LTE Band 71

Lowest Channel / 15MHz / QPSK



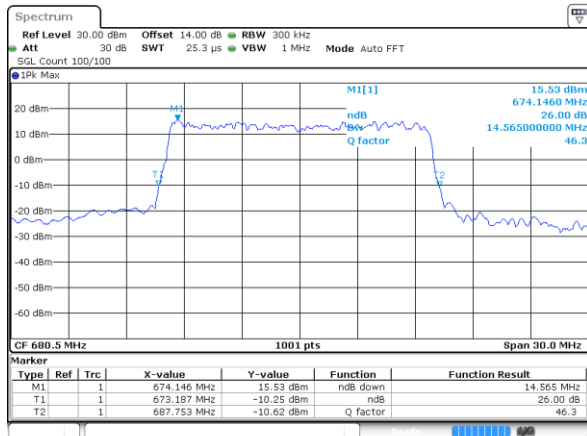
Date: 10 MAY 2023 19:42:40

Lowest Channel / 15MHz / 16QAM



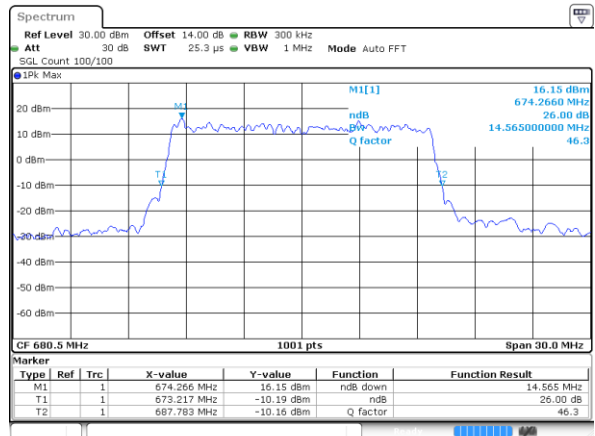
Date: 10 MAY 2023 19:43:04

Middle Channel / 15MHz / QPSK



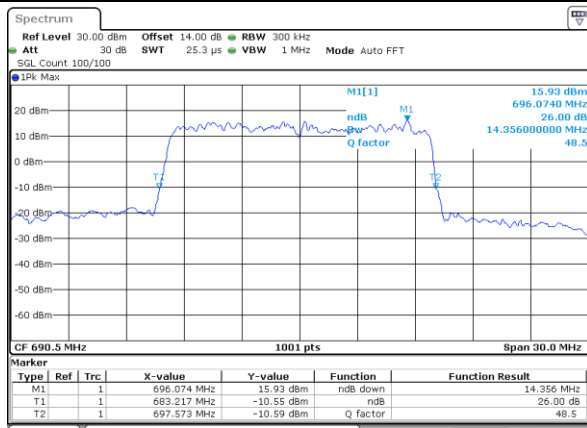
Date: 10 MAY 2023 19:51:42

Middle Channel / 15MHz / 16QAM



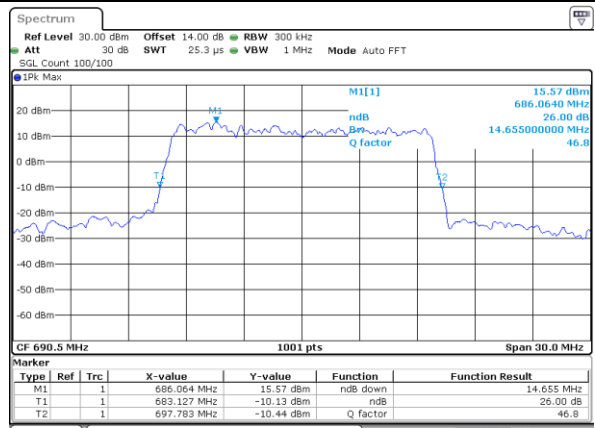
Date: 10 MAY 2023 19:52:05

Highest Channel / 15MHz / QPSK



Date: 10 MAY 2023 19:56:21

Highest Channel / 15MHz / 16QAM

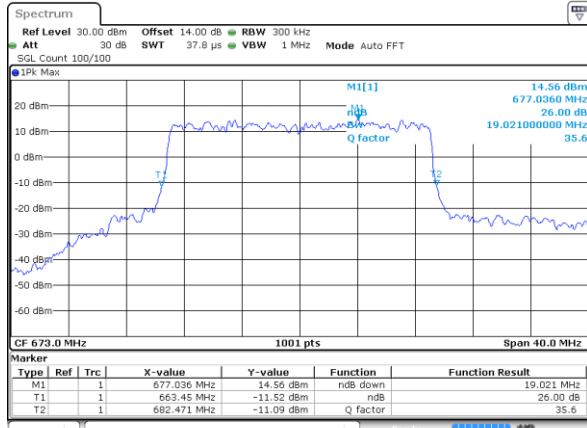


Date: 10 MAY 2023 19:56:44



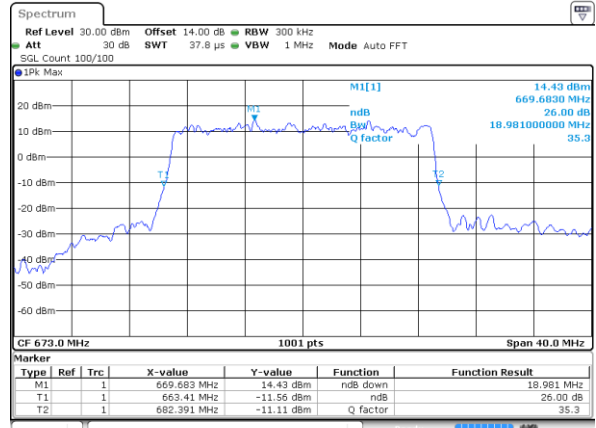
LTE Band 71

Lowest Channel / 20MHz / QPSK



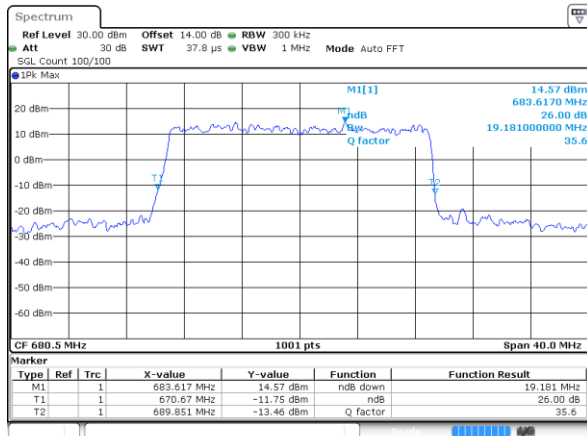
Date: 10 MAY 2023 20:05:21

Lowest Channel / 20MHz / 16QAM



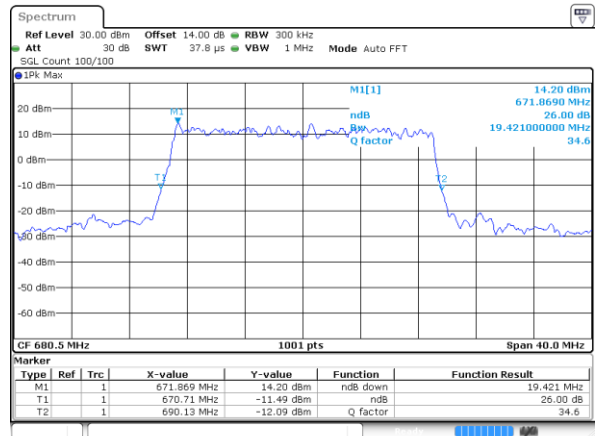
Date: 10 MAY 2023 20:05:44

Middle Channel / 20MHz / QPSK



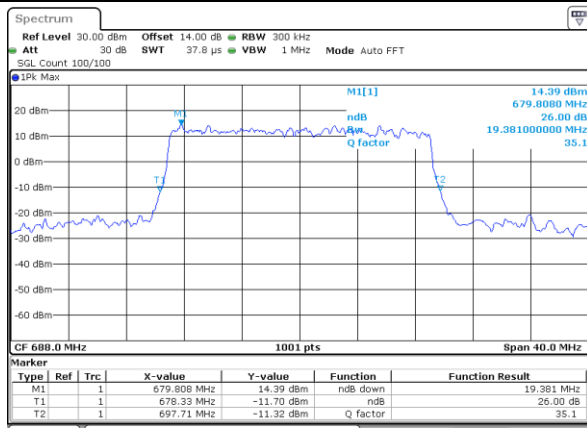
Date: 10 MAY 2023 20:14:24

Middle Channel / 20MHz / 16QAM



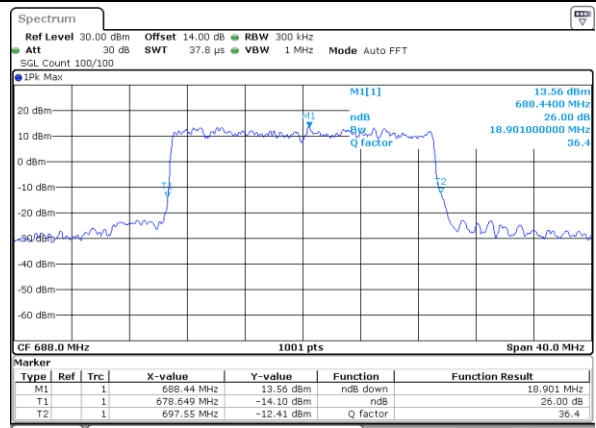
Date: 10 MAY 2023 20:14:47

Highest Channel / 20MHz / QPSK



Date: 10 MAY 2023 20:19:02

Highest Channel / 20MHz / 16QAM



Date: 10 MAY 2023 20:19:25



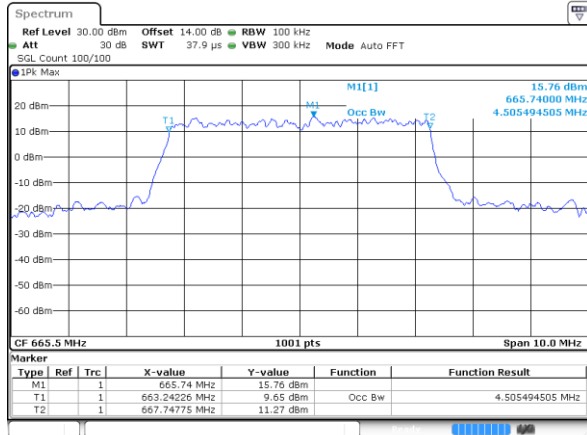
Occupied Bandwidth

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	-	-	-	-	4.51	4.50	9.05	9.07	13.43	13.49	17.90	17.90
Middle CH	-	-	-	-	4.55	4.50	9.07	9.03	13.49	13.46	17.90	17.94
Highest CH	-	-	-	-	4.53	4.50	9.07	9.07	13.52	13.37	17.94	17.94



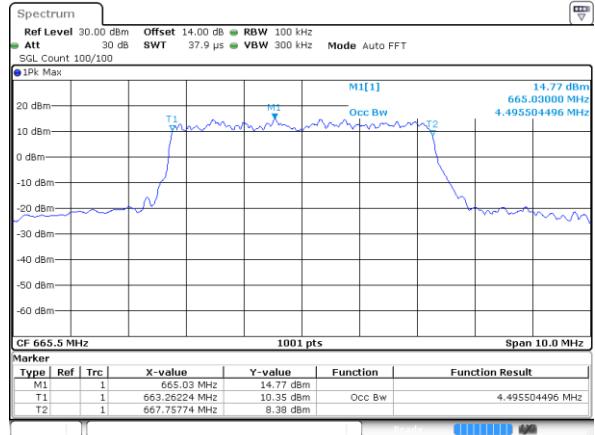
LTE Band 71

Lowest Channel / 5MHz / QPSK



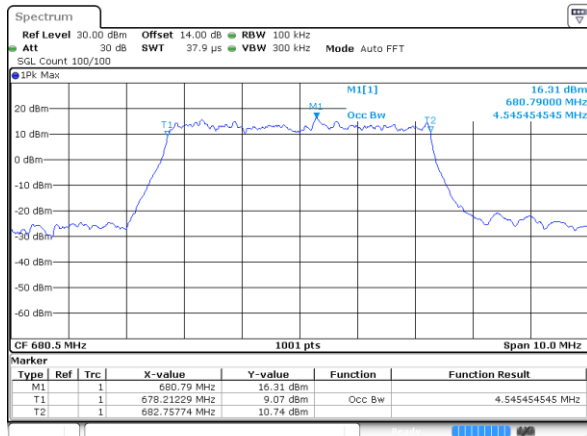
Date: 10 MAY 2023 18:56:41

Lowest Channel / 5MHz / 16QAM



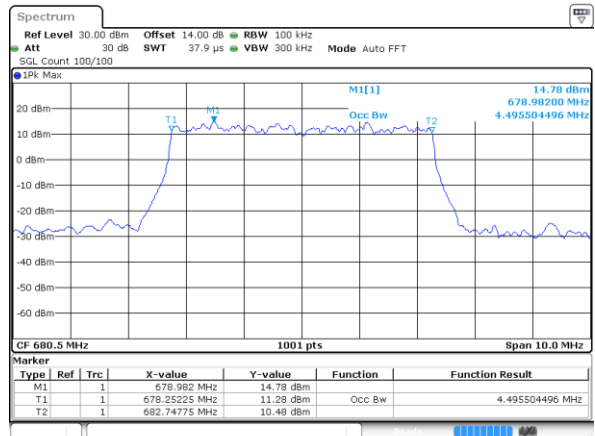
Date: 10 MAY 2023 18:57:05

Middle Channel / 5MHz / QPSK



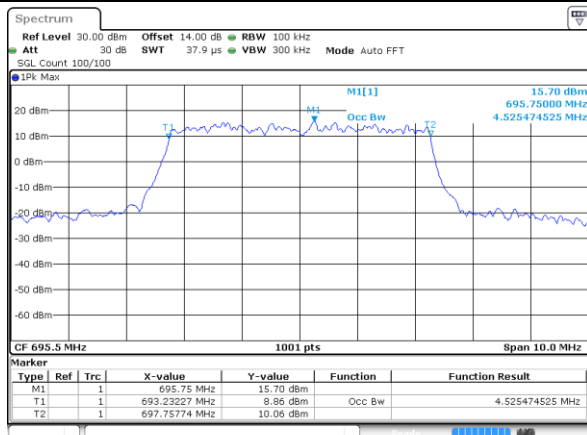
Date: 10 MAY 2023 19:05:43

Middle Channel / 5MHz / 16QAM



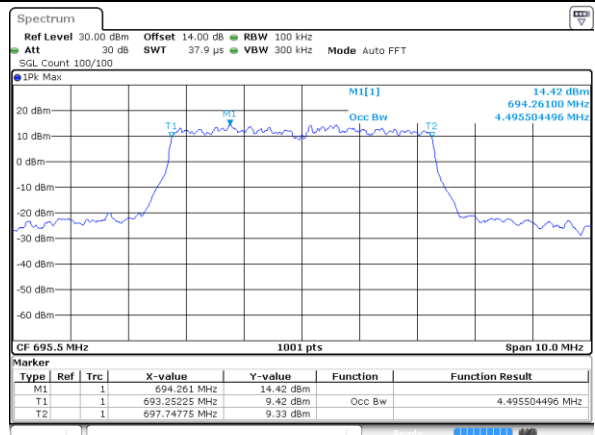
Date: 10 MAY 2023 19:06:06

Highest Channel / 5MHz / QPSK



Date: 10 MAY 2023 19:10:19

Highest Channel / 5MHz / 16QAM

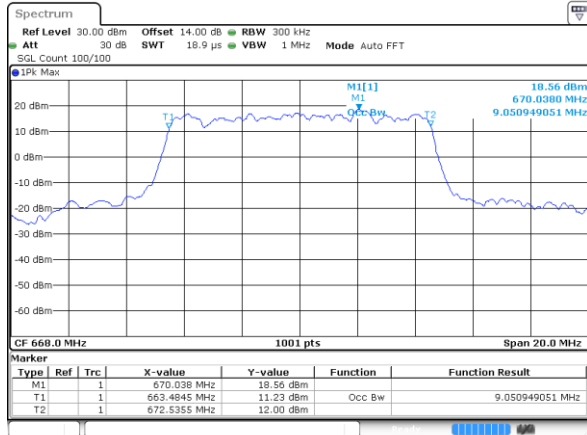


Date: 10 MAY 2023 19:10:42



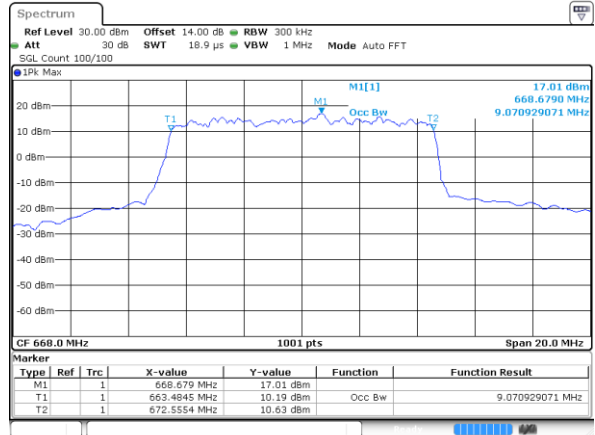
LTE Band 71

Lowest Channel / 10MHz / QPSK



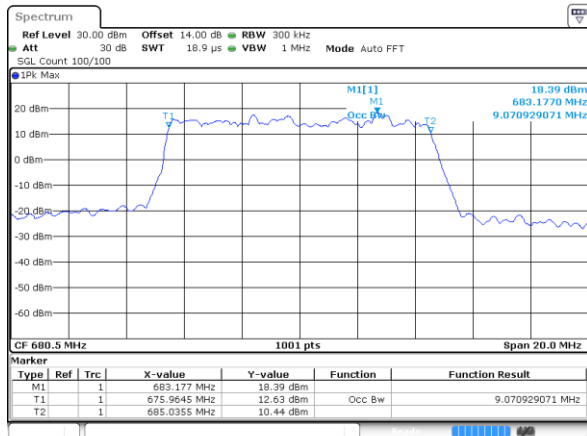
Date: 10 MAY 2023 19:19:21

Lowest Channel / 10MHz / 16QAM



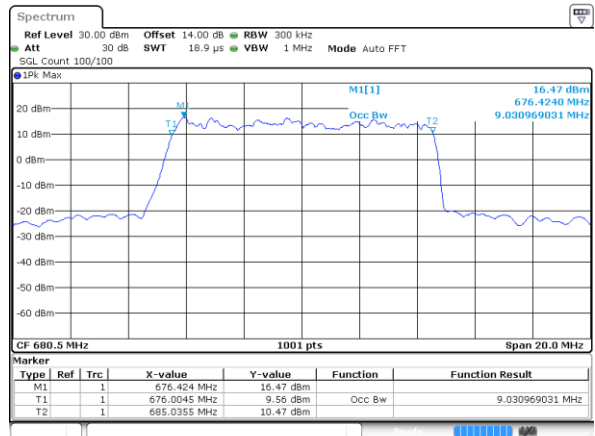
Date: 10 MAY 2023 19:19:44

Middle Channel / 10MHz / QPSK



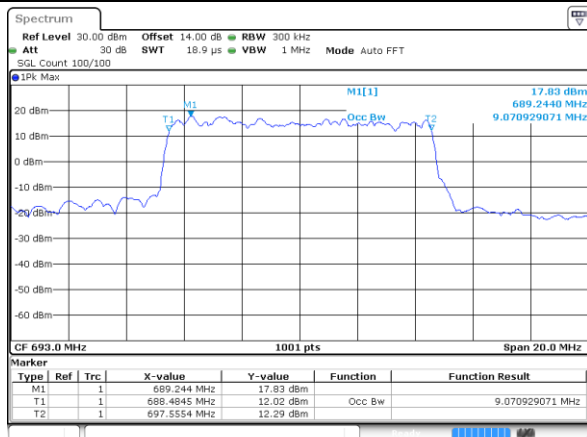
Date: 10 MAY 2023 19:28:16

Middle Channel / 10MHz / 16QAM



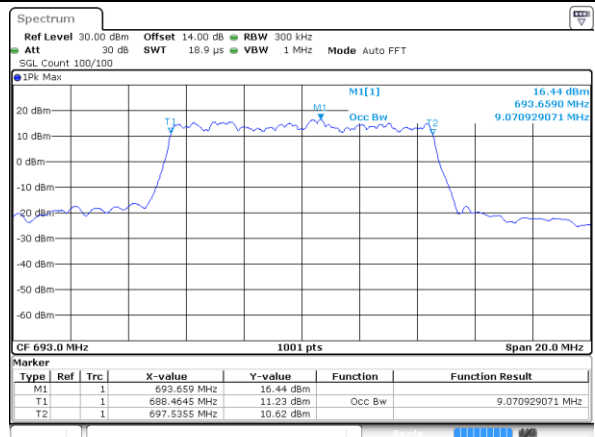
Date: 10 MAY 2023 19:28:40

Highest Channel / 10MHz / QPSK



Date: 10 MAY 2023 19:32:53

Highest Channel / 10MHz / 16QAM

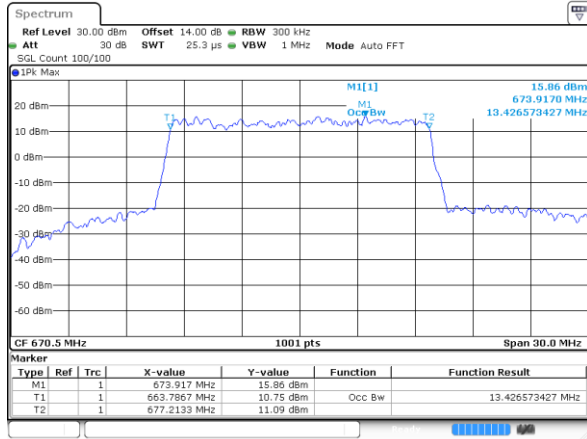


Date: 10 MAY 2023 19:33:17



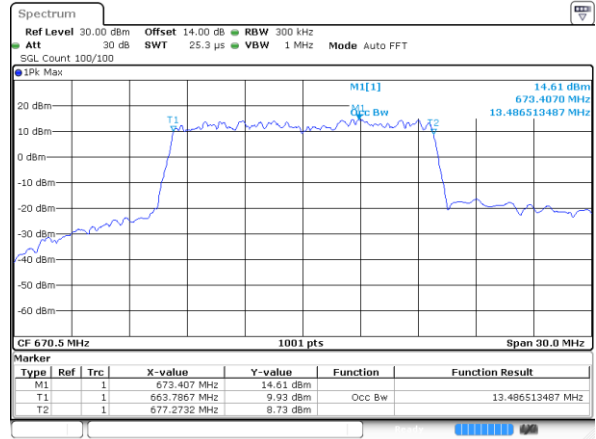
LTE Band 71

Lowest Channel / 15MHz / QPSK



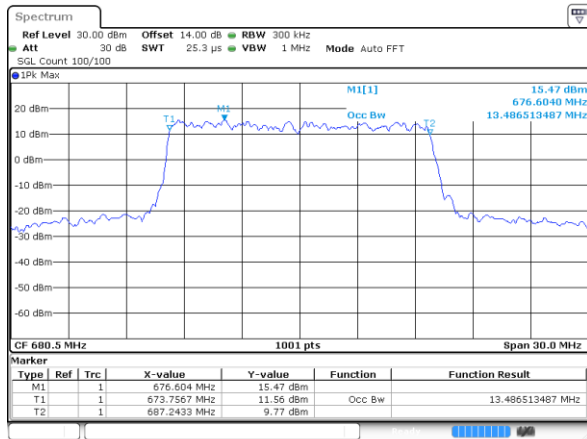
Date: 10 MAY 2023 19:41:53

Lowest Channel / 15MHz / 16QAM



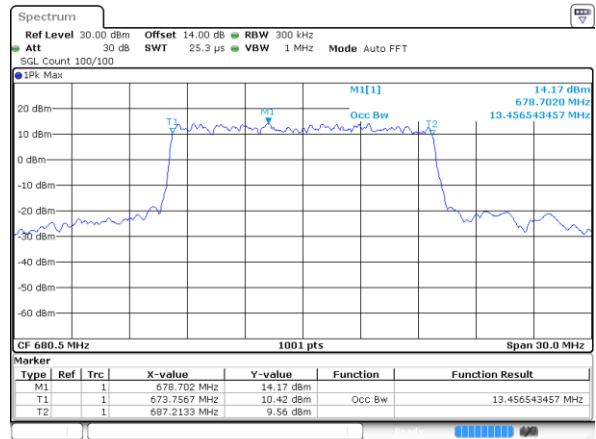
Date: 10 MAY 2023 19:42:16

Middle Channel / 15MHz / QPSK



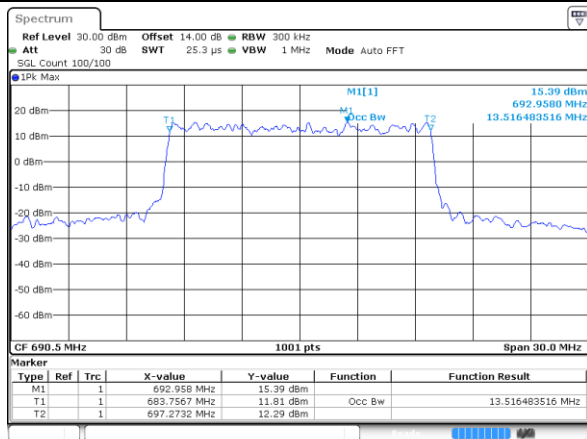
Date: 10 MAY 2023 19:50:55

Middle Channel / 15MHz / 16QAM



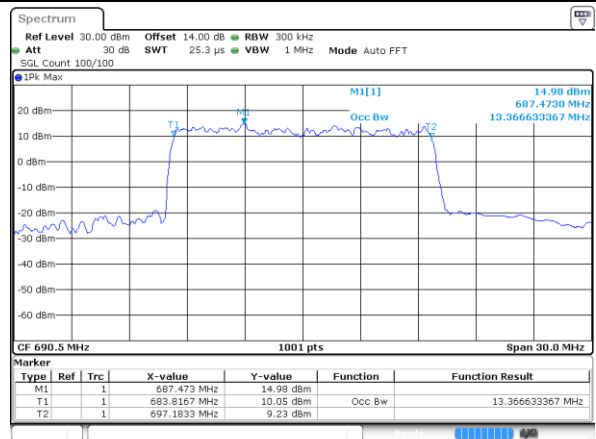
Date: 10 MAY 2023 19:51:18

Highest Channel / 15MHz / QPSK



Date: 10 MAY 2023 19:55:33

Highest Channel / 15MHz / 16QAM

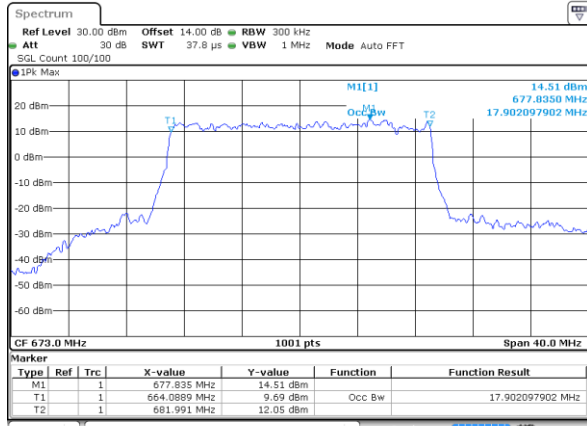


Date: 10 MAY 2023 19:55:57



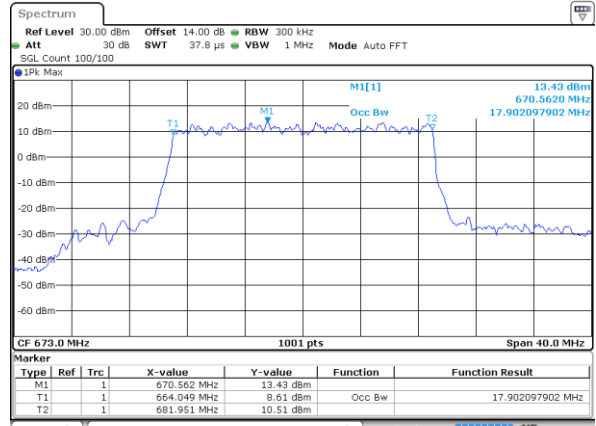
LTE Band 71

Lowest Channel / 20MHz / QPSK



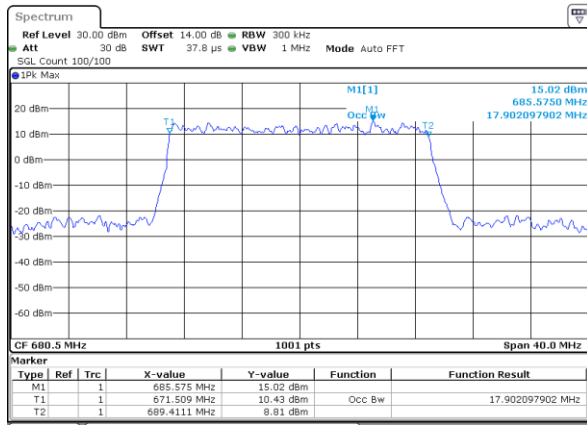
Date: 10 MAY 2023 20:04:33

Lowest Channel / 20MHz / 16QAM



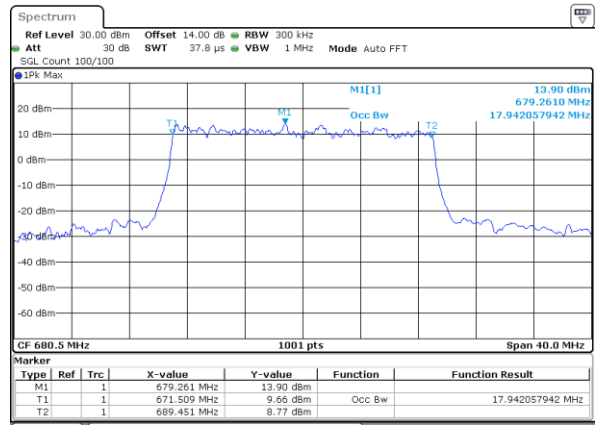
Date: 10 MAY 2023 20:04:57

Middle Channel / 20MHz / QPSK



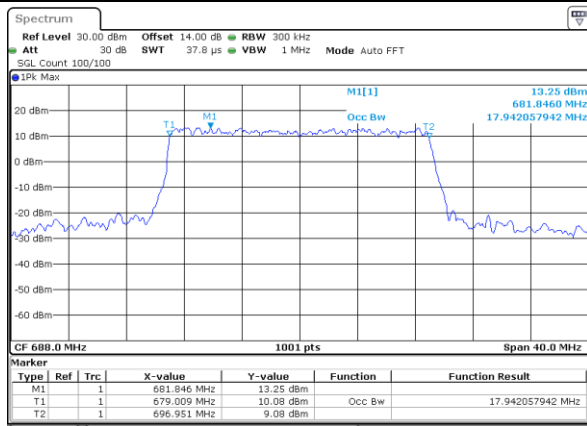
Date: 10 MAY 2023 20:13:38

Middle Channel / 20MHz / 16QAM



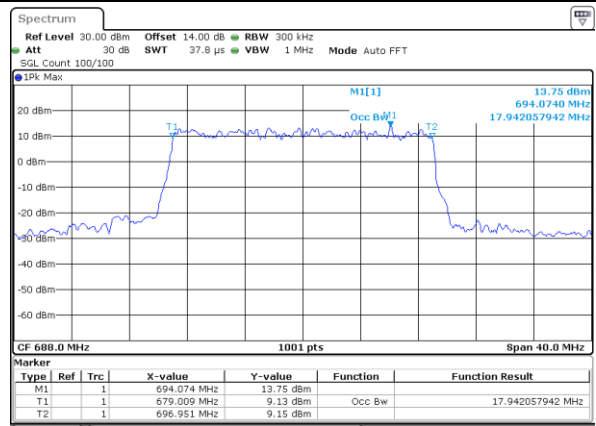
Date: 10 MAY 2023 20:14:01

Highest Channel / 20MHz / QPSK



Date: 10 MAY 2023 20:18:14

Highest Channel / 20MHz / 16QAM



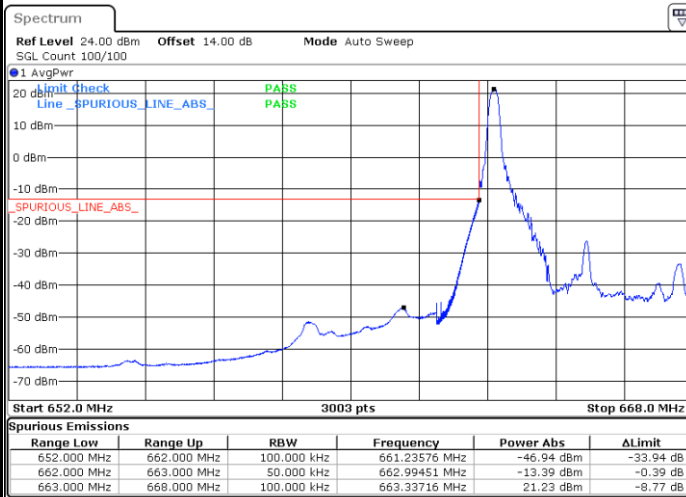
Date: 10 MAY 2023 20:18:38



Conducted Band Edge

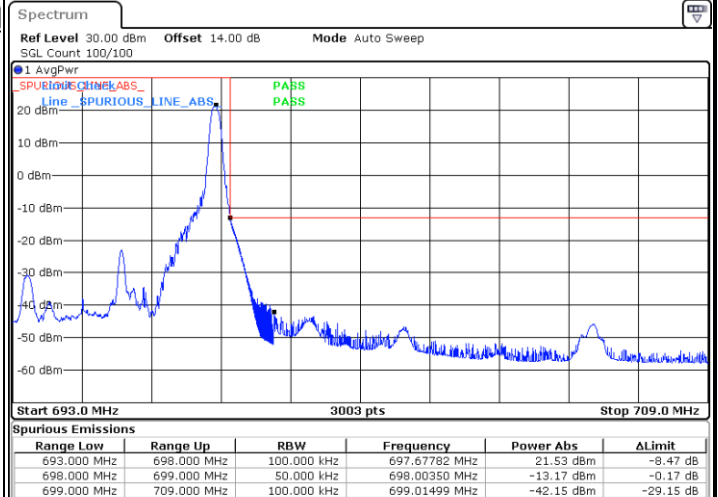
LTE Band 71 / 5MHz / QPSK

Lowest Band Edge / 1 RB

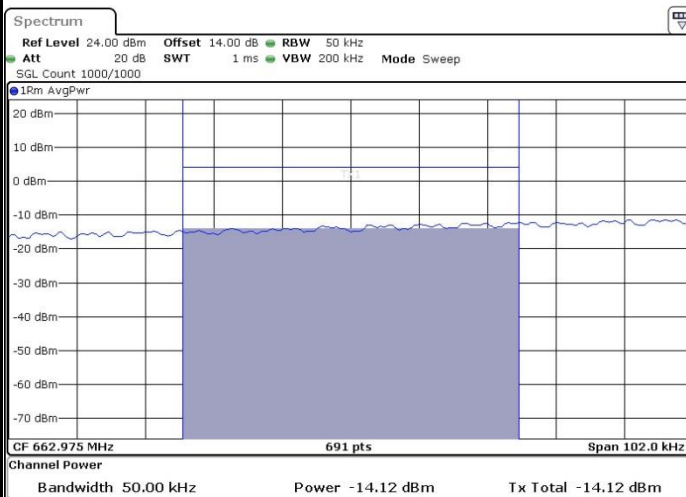


Date: 10.MAY.2023 18:58:58

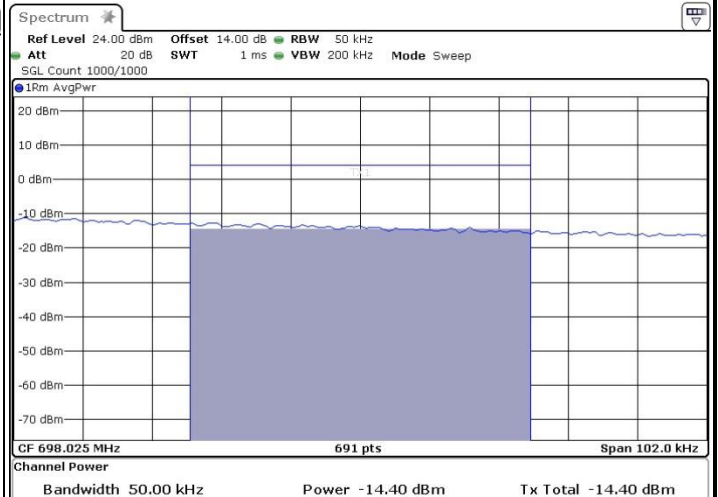
Highest Band Edge / 1 RB



Date: 16.MAY.2023 11:40:37



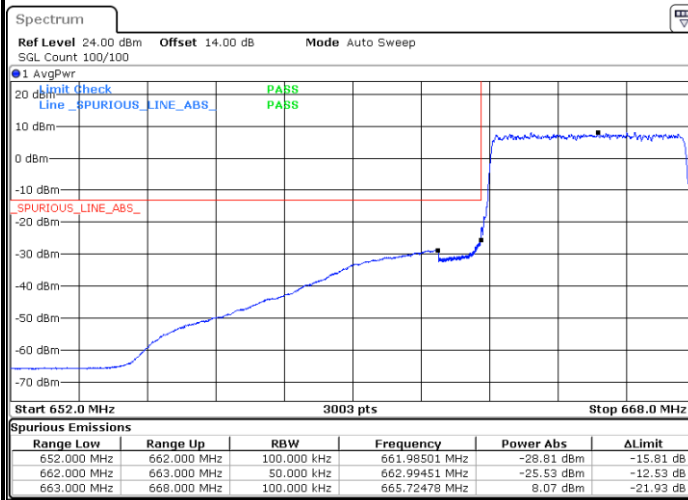
Date: 16.MAY.2023 11:18:53



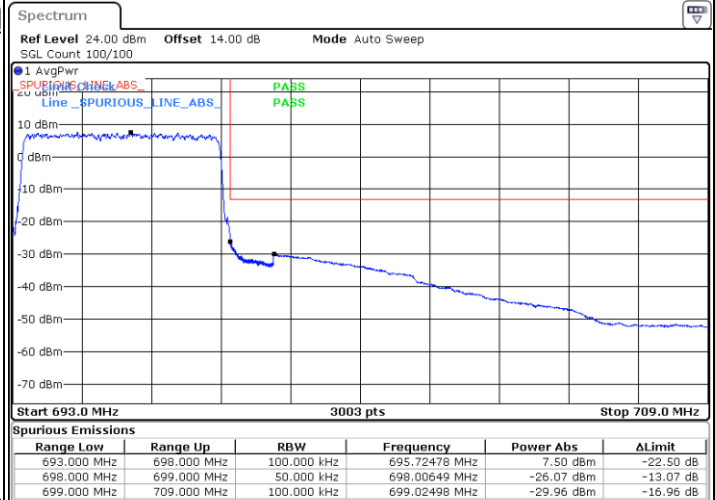
Date: 16.MAY.2023 11:33:07



Lowest Band Edge / Full RB

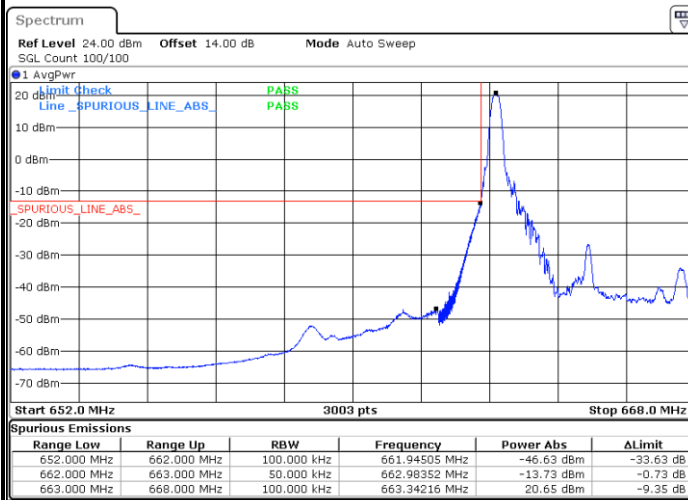


Highest Band Edge / Full RB

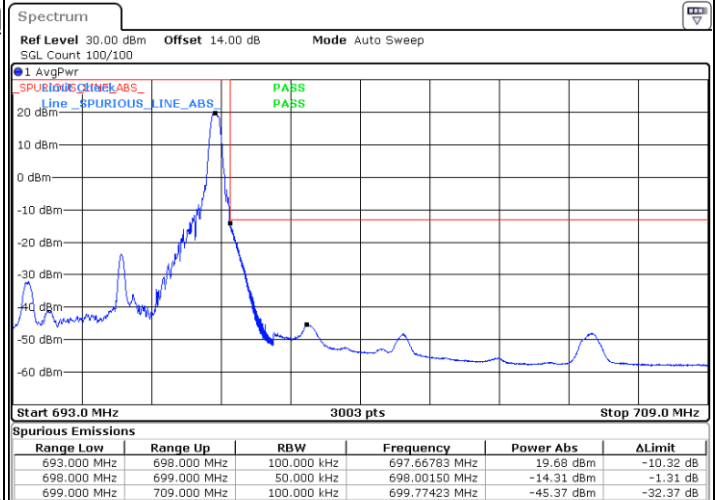


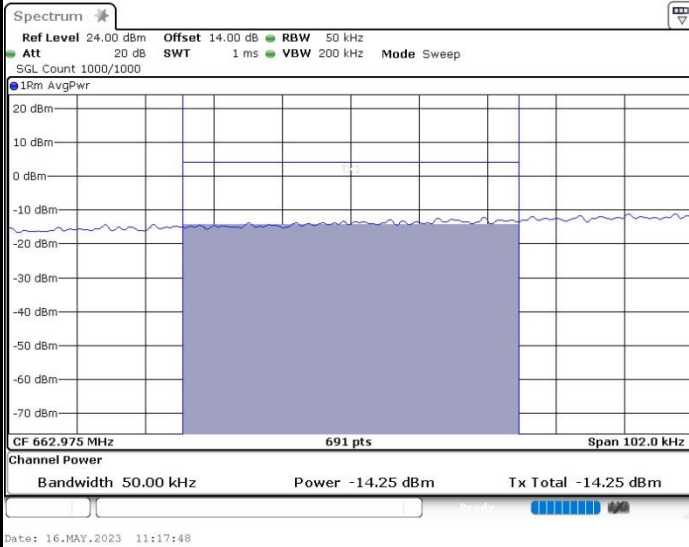
LTE Band 71 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB

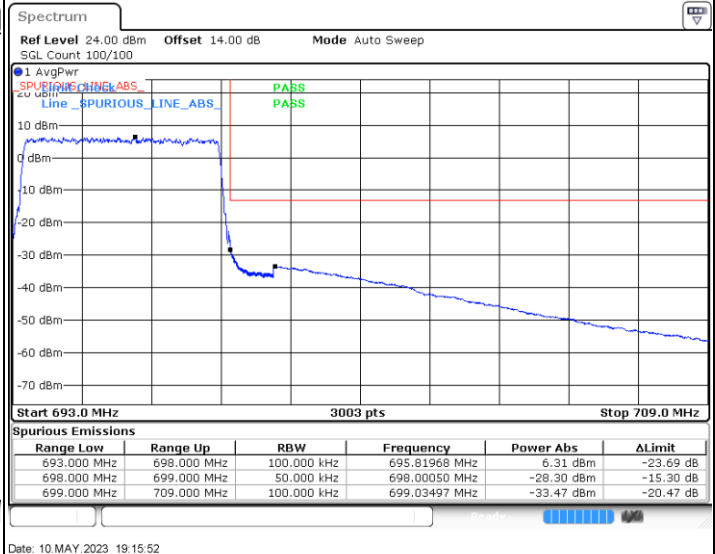
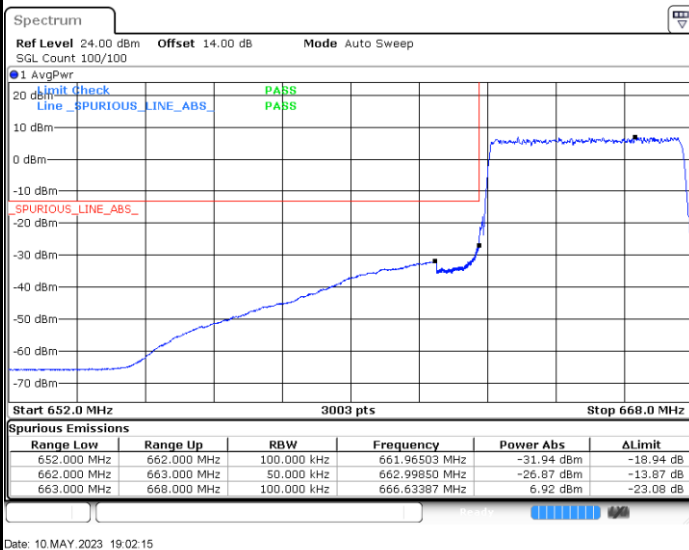




NA

Lowest Band Edge / Full RB

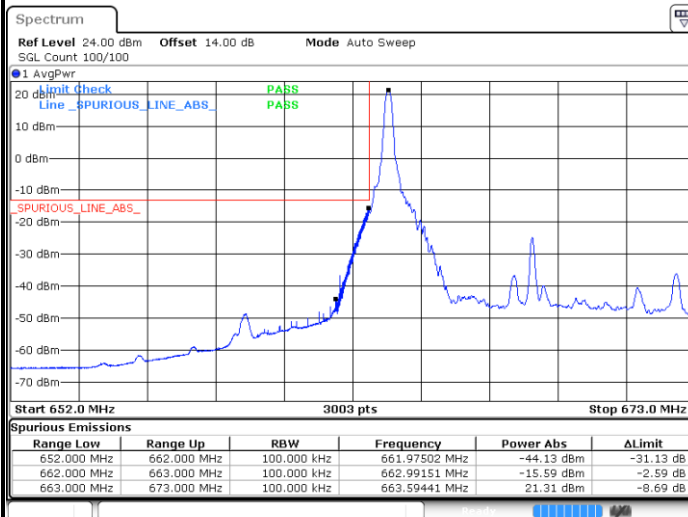
Highest Band Edge / Full RB



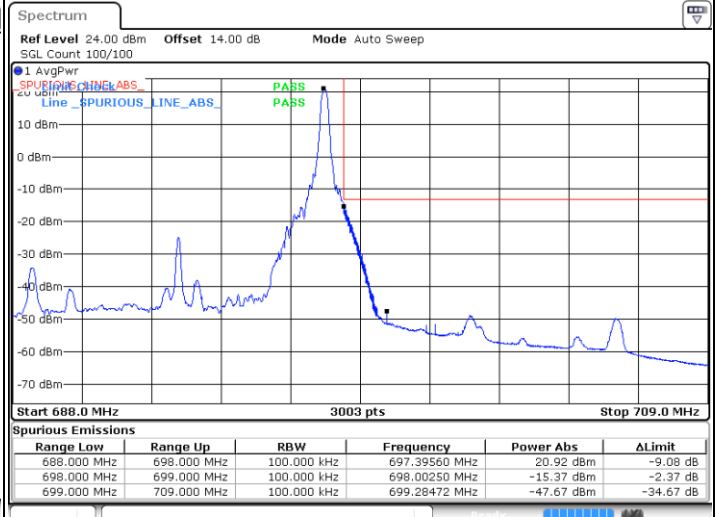


LTE Band 71 / 10MHz / QPSK

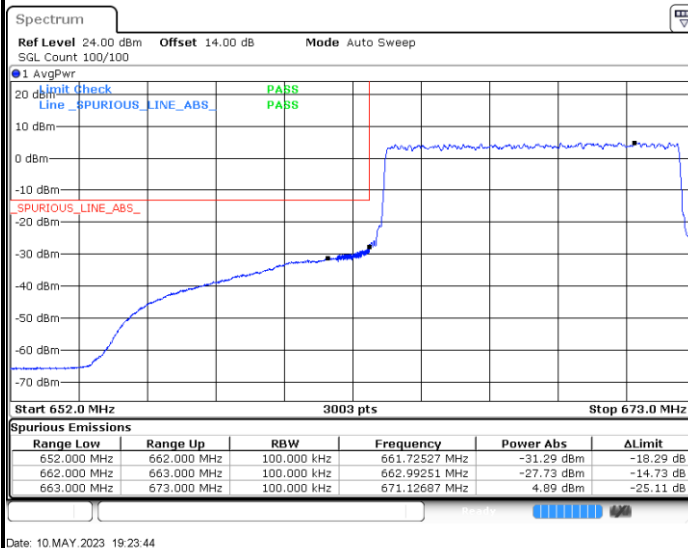
Lowest Band Edge / 1 RB



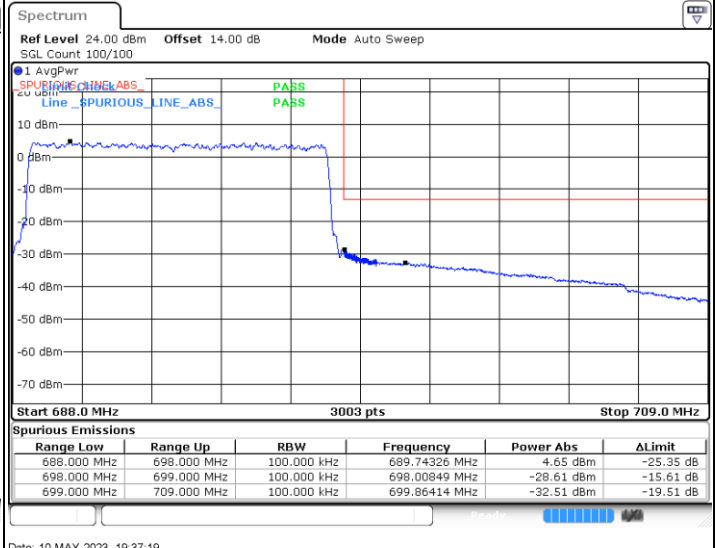
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



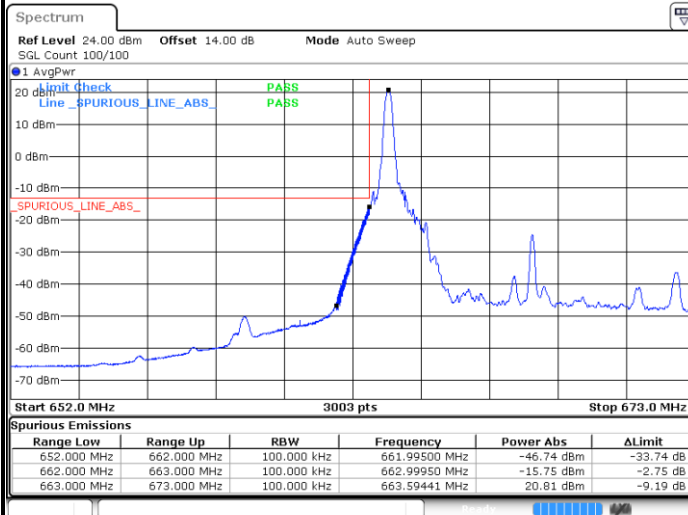
Highest Band Edge / Full RB



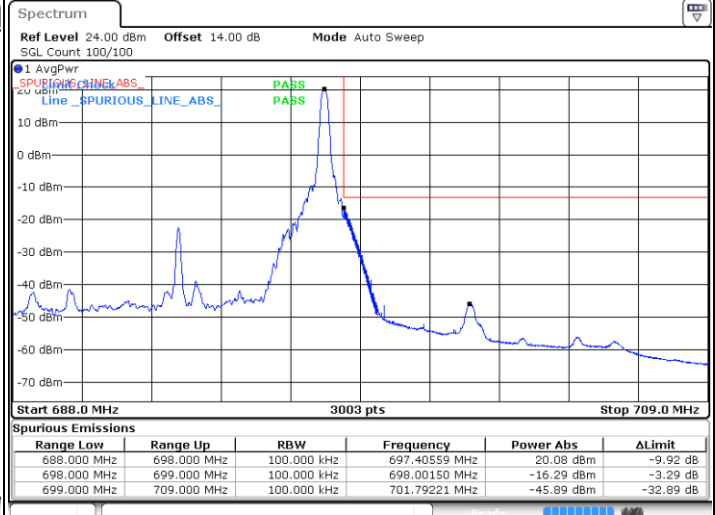


LTE Band 71 / 10MHz / 16QAM

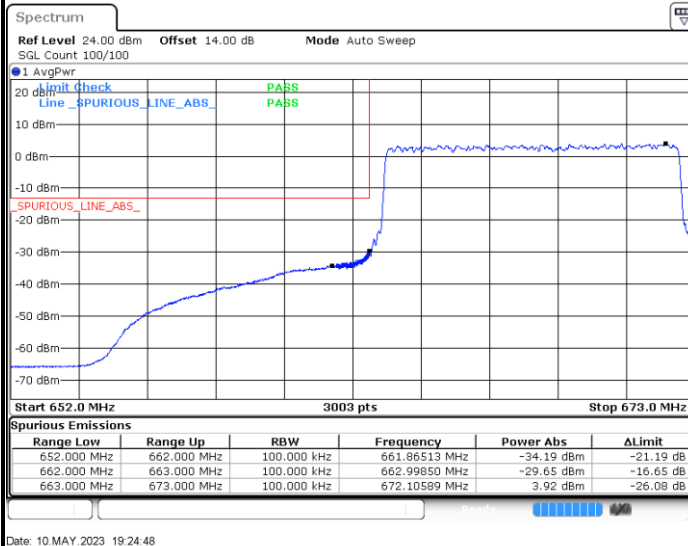
Lowest Band Edge / 1 RB



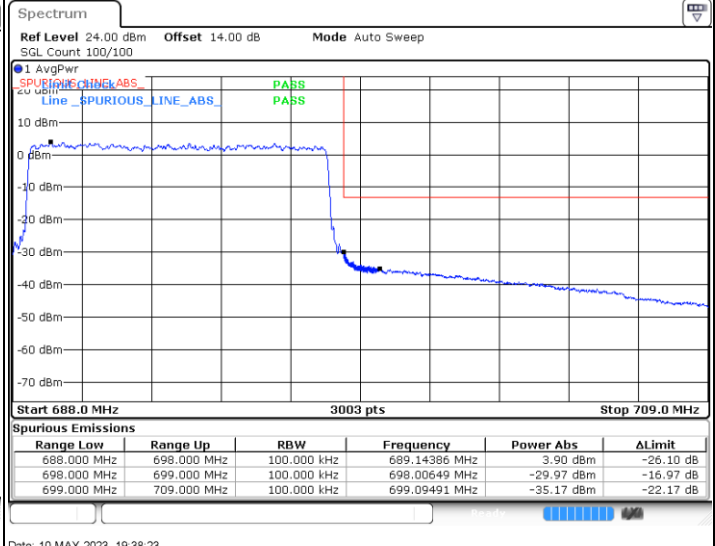
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



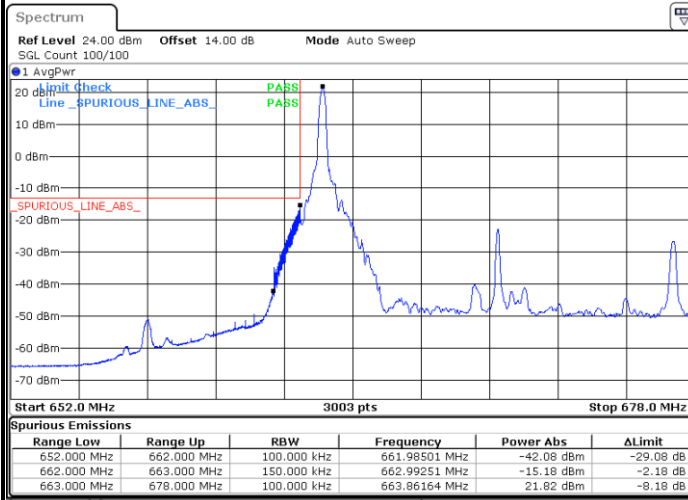
Highest Band Edge / Full RB



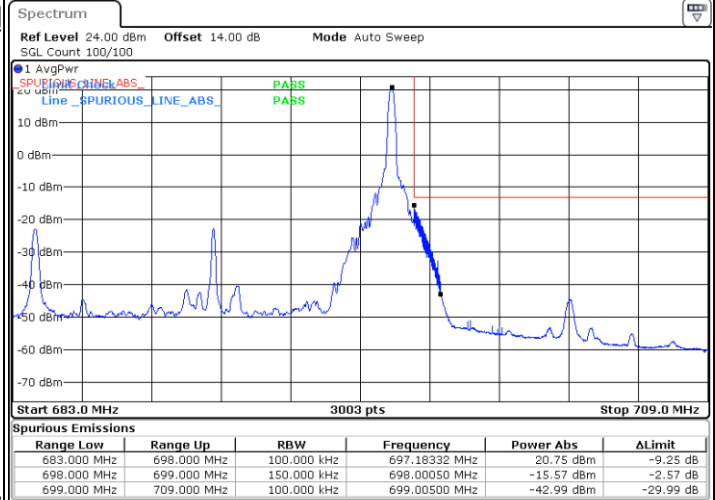


LTE Band 71 / 15MHz / QPSK

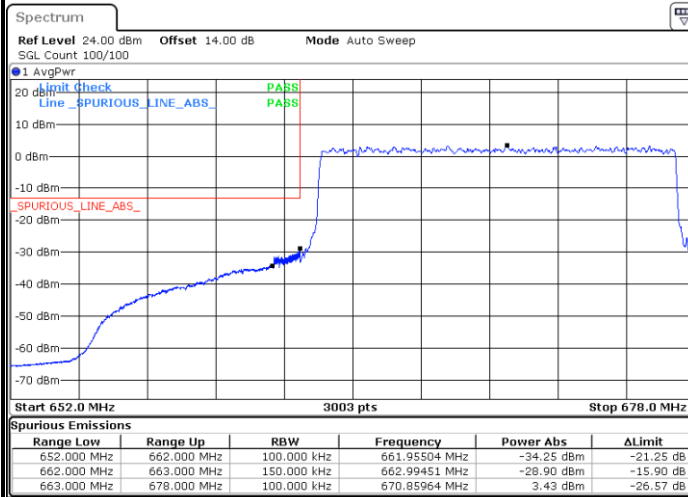
Lowest Band Edge / 1 RB



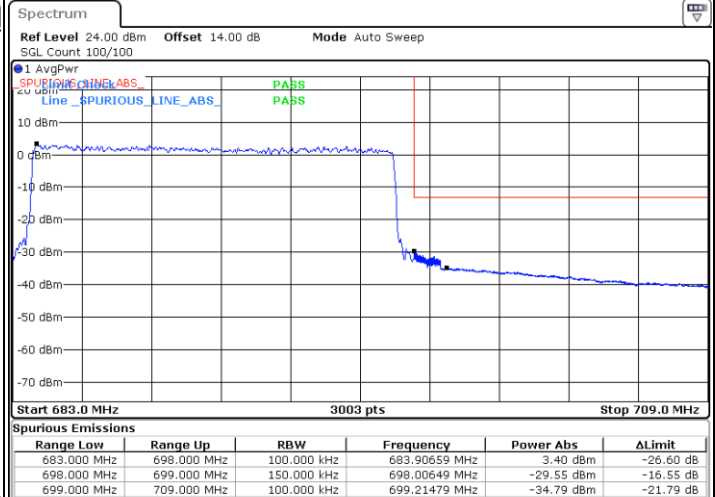
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



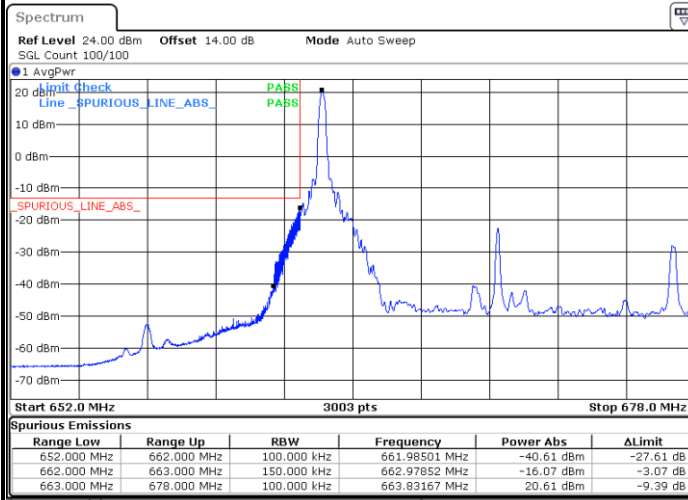
Highest Band Edge / Full RB



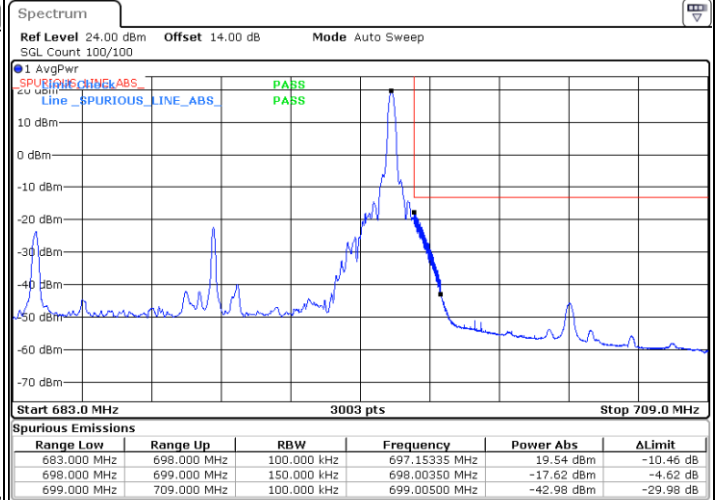


LTE Band 71 / 15MHz / 16QAM

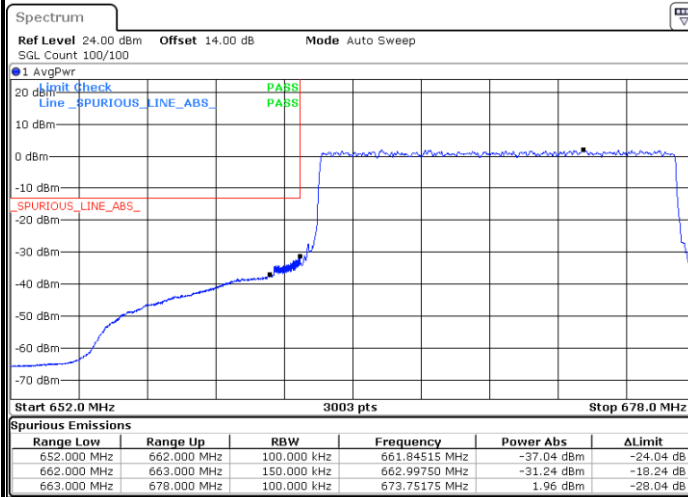
Lowest Band Edge / 1 RB



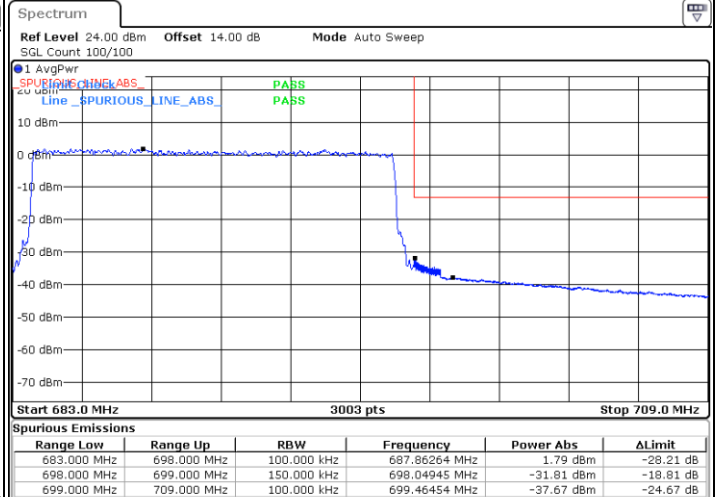
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



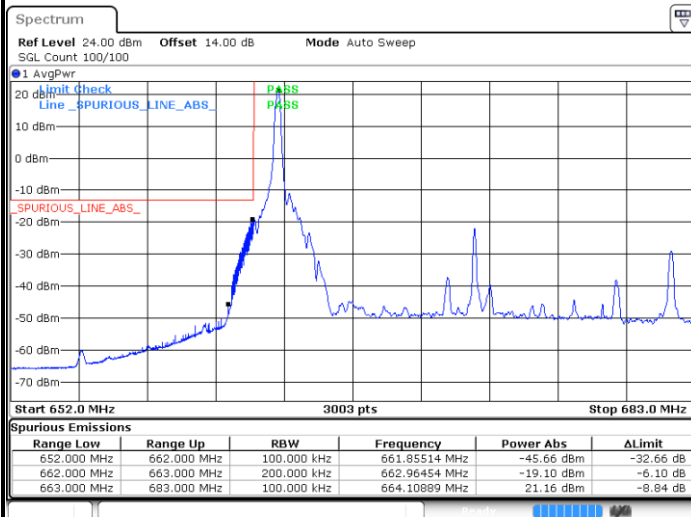
Highest Band Edge / Full RB



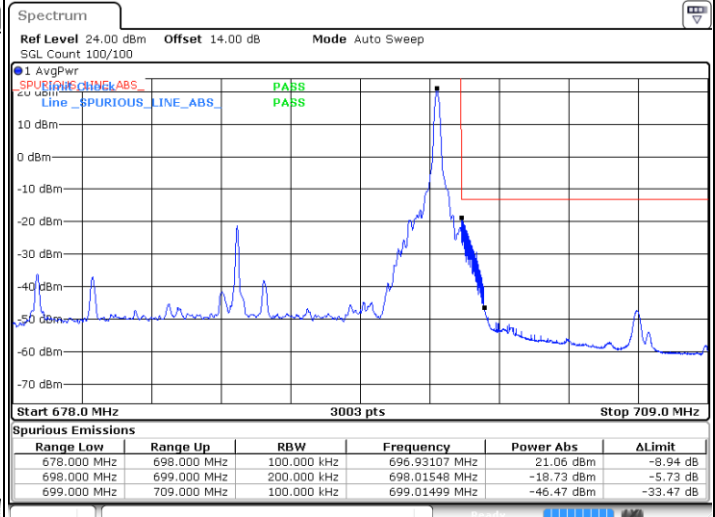


LTE Band 71 / 20MHz / QPSK

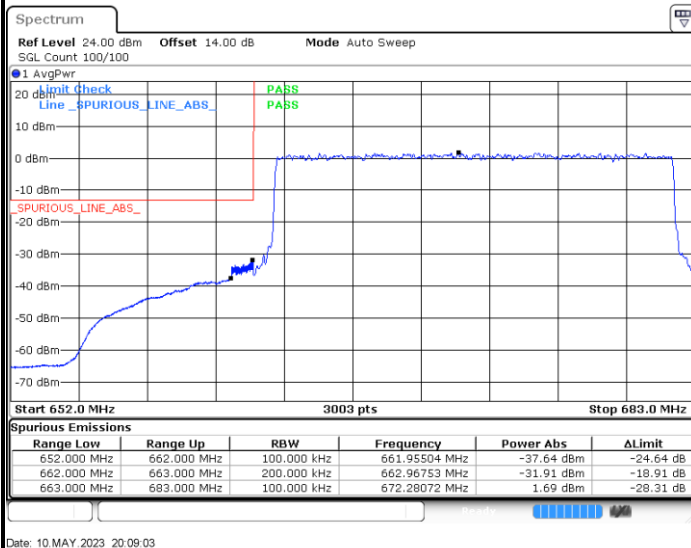
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

