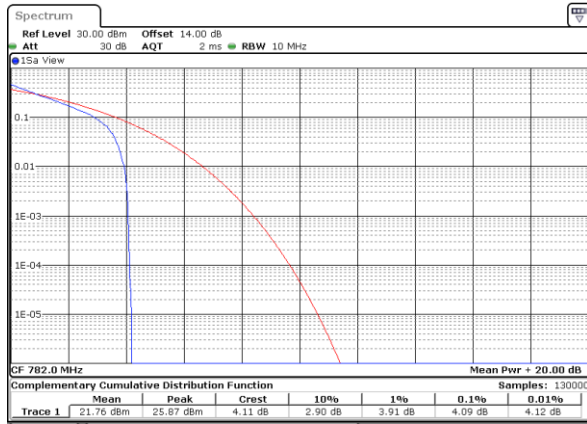




LTE Band 13 / 10MHz / QPSK

Middle Channel / 1RB

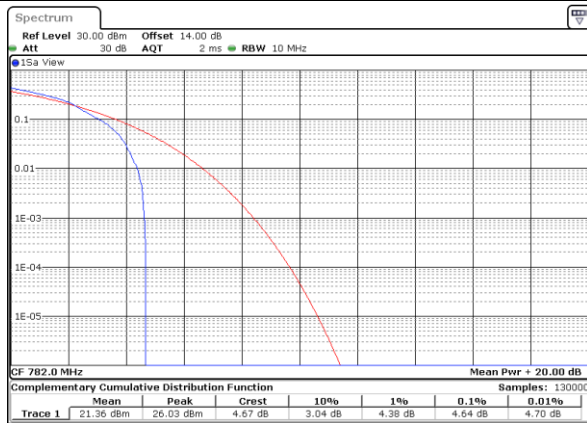


Middle Channel / Full RB



LTE Band 13 / 10MHz / 16QAM

Middle Channel / 1RB

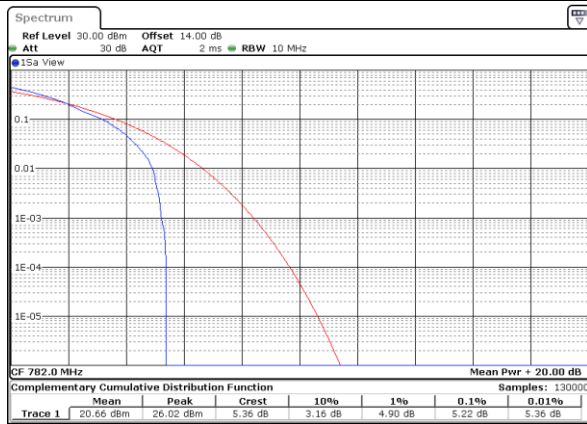


Middle Channel / Full RB

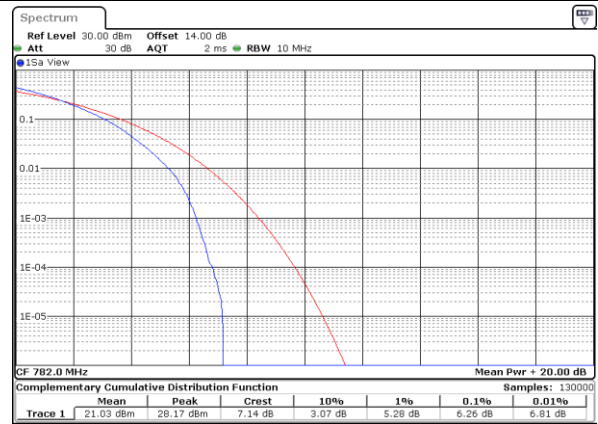


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Middle Channel / Full RB



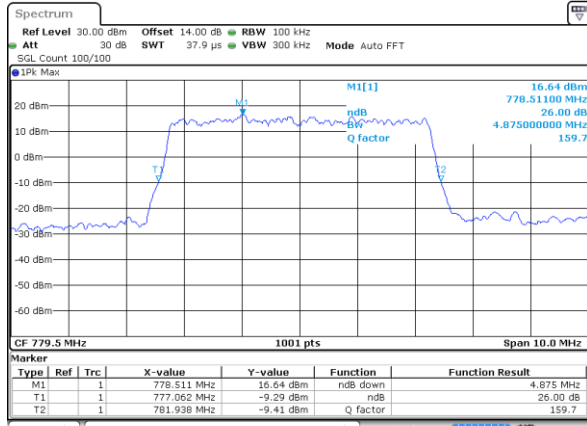
**26dB Bandwidth**

Mode	LTE Band 13 : 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	-	-	-	-	4.88	4.90	-	-	-	-	-	-
Middle CH	-	-	-	-	4.78	4.83	9.65	9.67	-	-	-	-
Highest CH	-	-	-	-	4.90	4.85	-	-	-	-	-	-
Mode	LTE Band 13 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.88	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.76	-	9.67	-	-	-	-	-
Highest CH	-	-	-	-	4.84	-	-	-	-	-	-	-



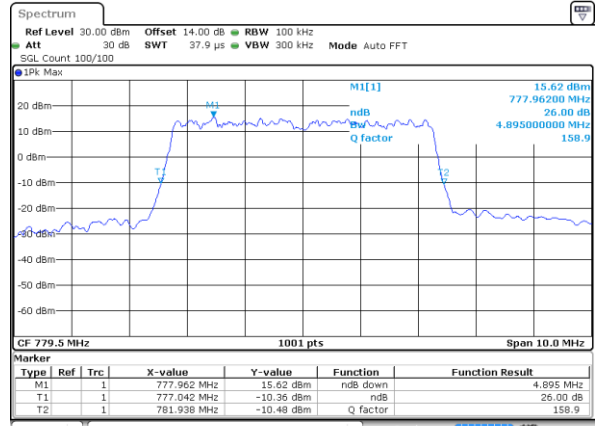
LTE Band 13

Lowest Channel / 5MHz / QPSK



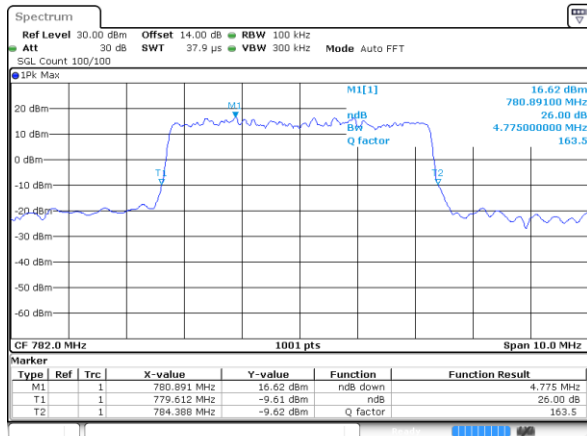
Date: 14 JUN 2022 19:30:11

Lowest Channel / 5MHz / 16QAM



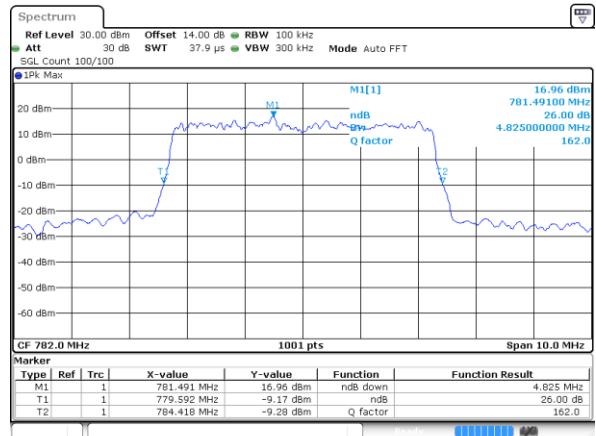
Date: 14 JUN 2022 19:29:47

Middle Channel / 5MHz / QPSK



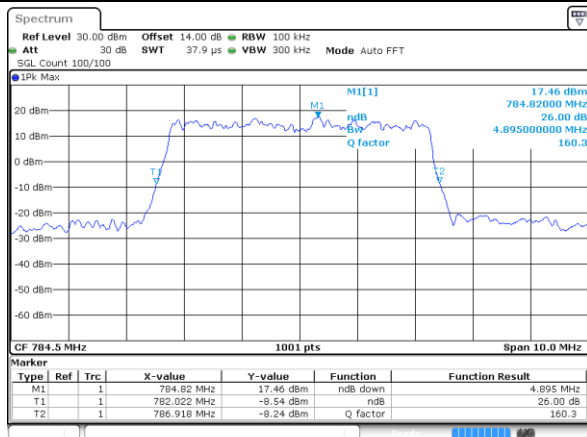
Date: 14 JUN 2022 19:43:10

Middle Channel / 5MHz / 16QAM



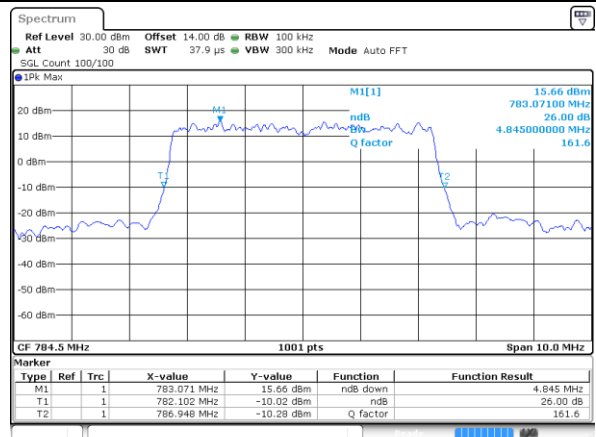
Date: 14 JUN 2022 19:43:33

Highest Channel / 5MHz / QPSK



Date: 14 JUN 2022 19:45:35

Highest Channel / 5MHz / 16QAM

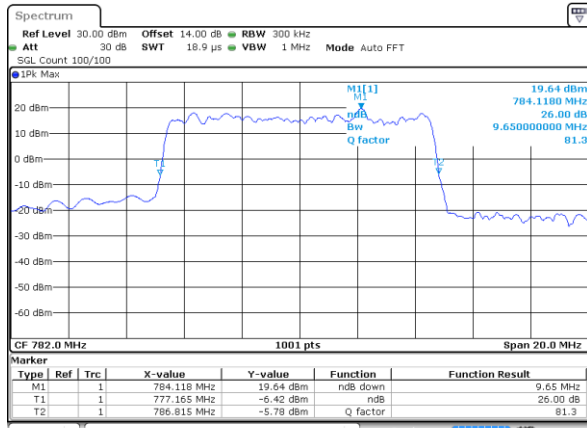


Date: 14 JUN 2022 19:45:11



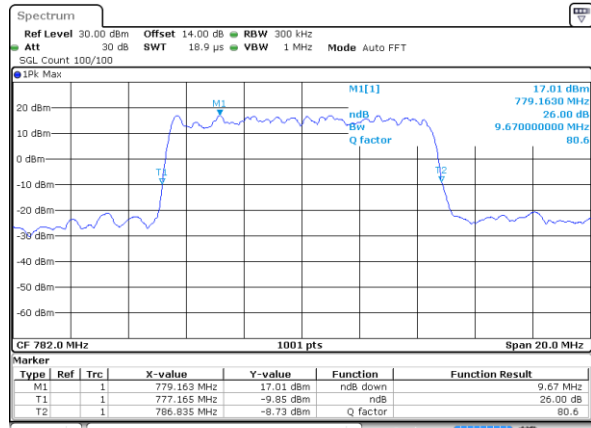
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 14 JUN 2022 20:10:02

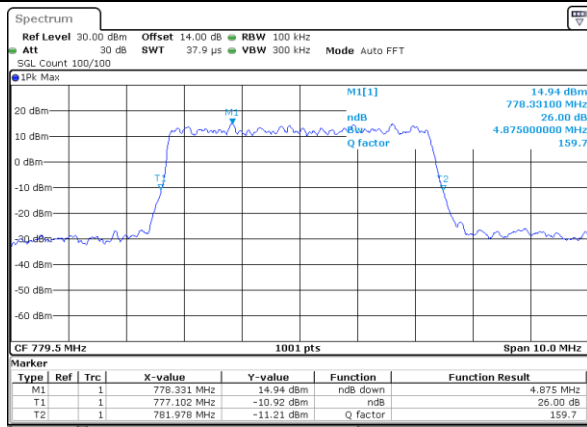
Middle Channel / 10MHz / 16QAM



Date: 14 JUN 2022 20:09:39

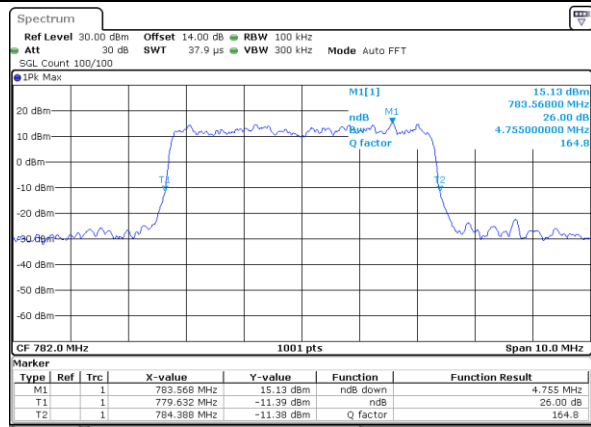
LTE Band 13

Lowest Channel / 5MHz / 64QAM



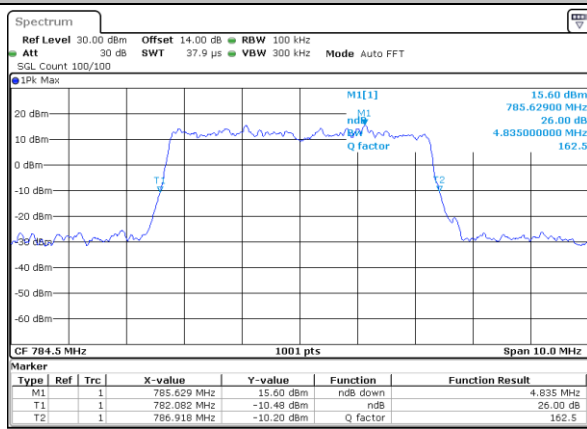
Date: 14 JUN 2022 19:56:16

Middle Channel / 5MHz / 64QAM



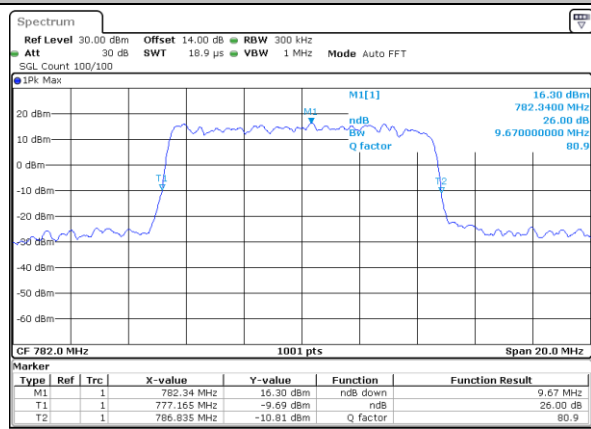
Date: 14 JUN 2022 20:02:48

Highest Channel / 5MHz / 64QAM



Date: 14 JUN 2022 20:03:40

Middle Channel / 10MHz / 64QAM



Date: 14 JUN 2022 20:24:23

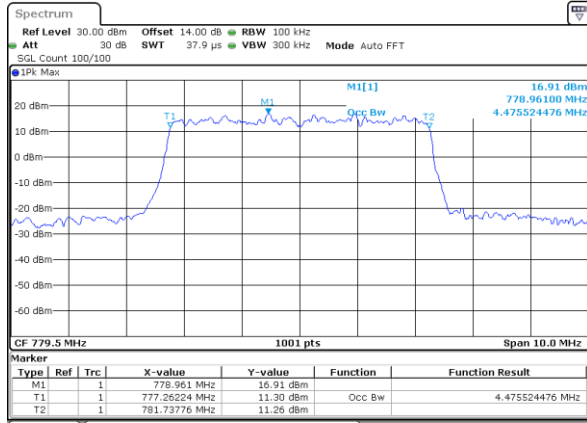
**Occupied Bandwidth**

Mode	LTE Band 13 : 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	-	-	-	-	4.48	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.50	4.50	9.11	9.03	-	-	-	-
Highest CH	-	-	-	-	4.50	4.50	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.50	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.48	-	8.99	-	-	-	-	-
Highest CH	-	-	-	-	4.51	-	-	-	-	-	-	-



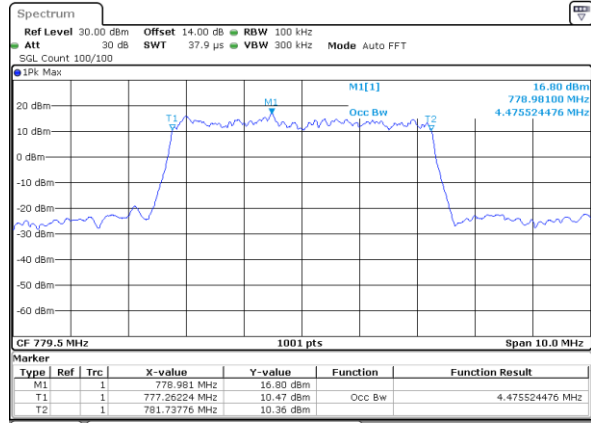
LTE Band 13

Lowest Channel / 5MHz / QPSK



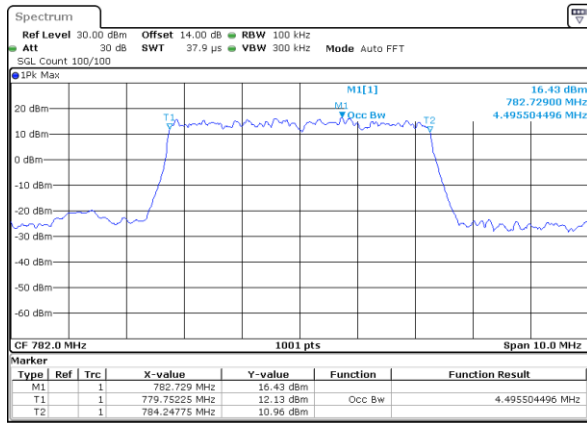
Date: 14 JUN 2022 19:29:10

Lowest Channel / 5MHz / 16QAM



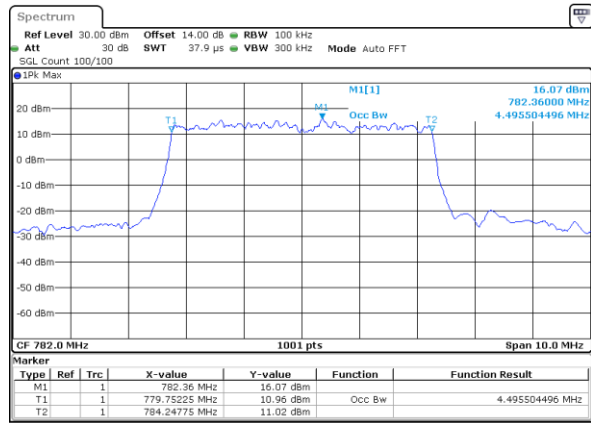
Date: 14 JUN 2022 19:29:33

Middle Channel / 5MHz / QPSK



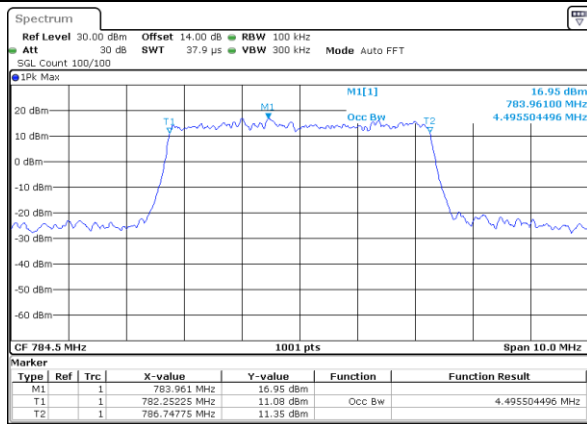
Date: 14 JUN 2022 19:44:11

Middle Channel / 5MHz / 16QAM



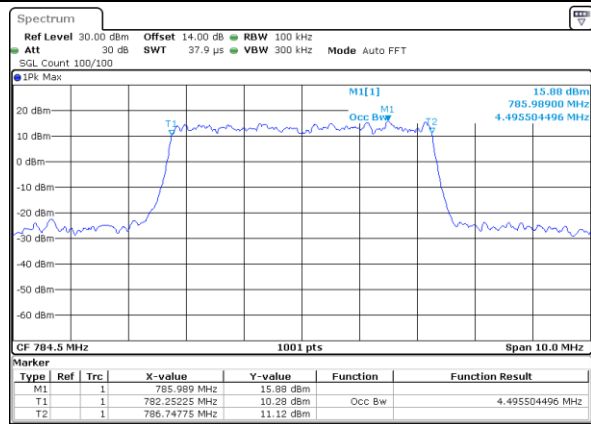
Date: 14 JUN 2022 19:43:48

Highest Channel / 5MHz / QPSK



Date: 14 JUN 2022 19:44:34

Highest Channel / 5MHz / 16QAM

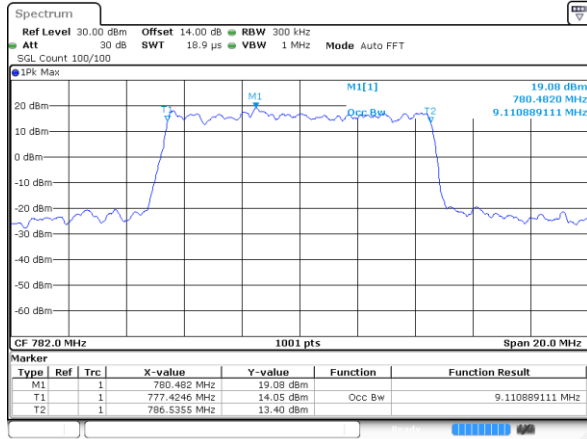


Date: 14 JUN 2022 19:44:57

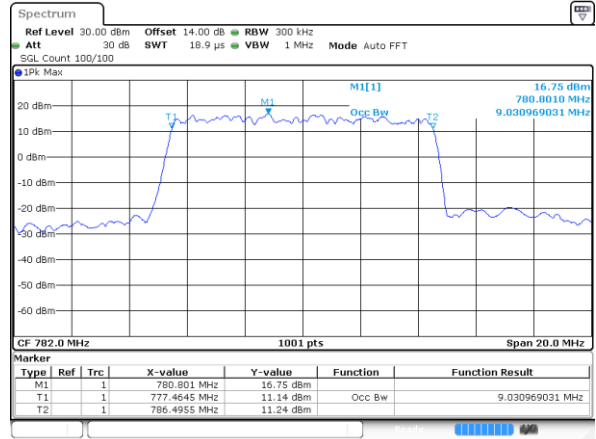


LTE Band 13

Middle Channel / 10MHz / QPSK

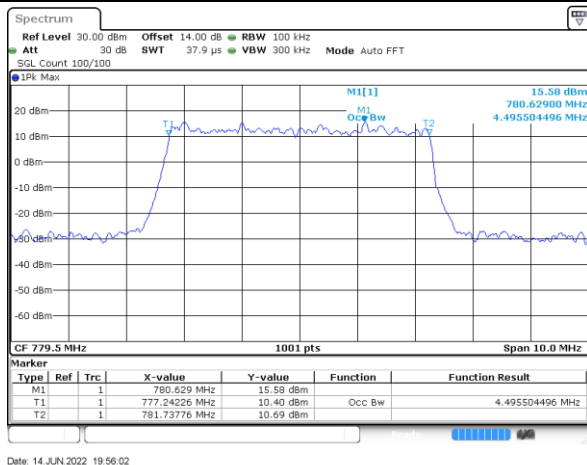


Middle Channel / 10MHz / 16QAM

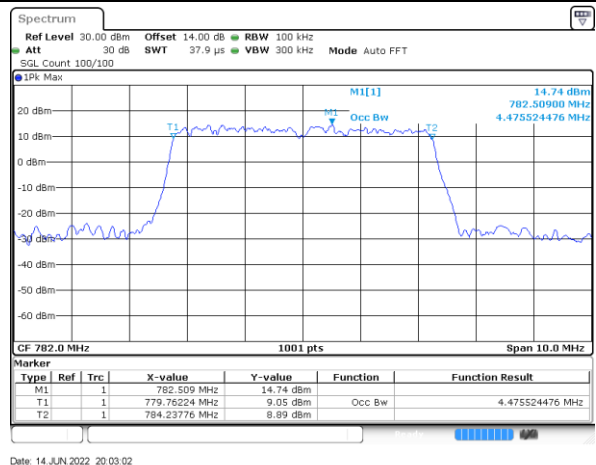


LTE Band 13

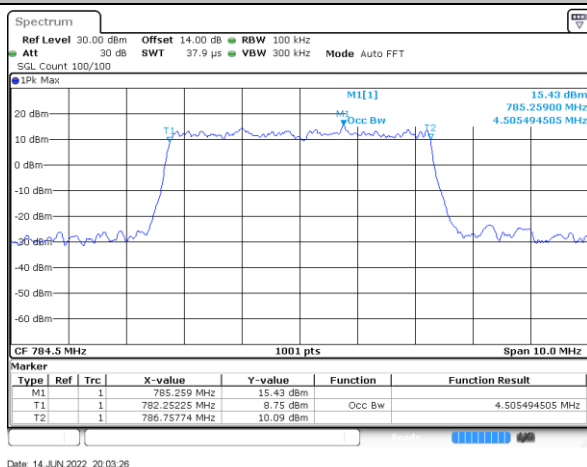
Lowest Channel / 5MHz / 64QAM



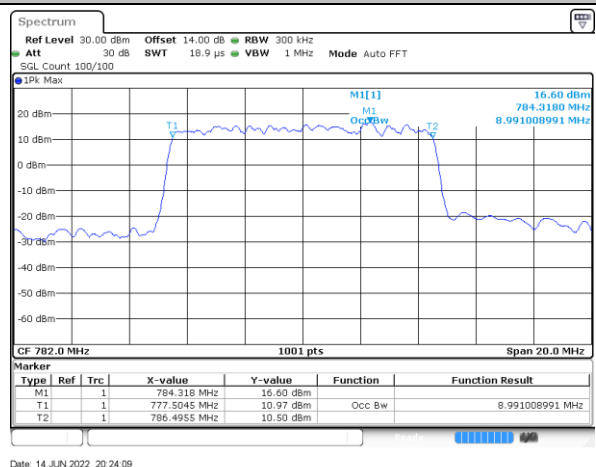
Middle Channel / 5MHz / 64QAM

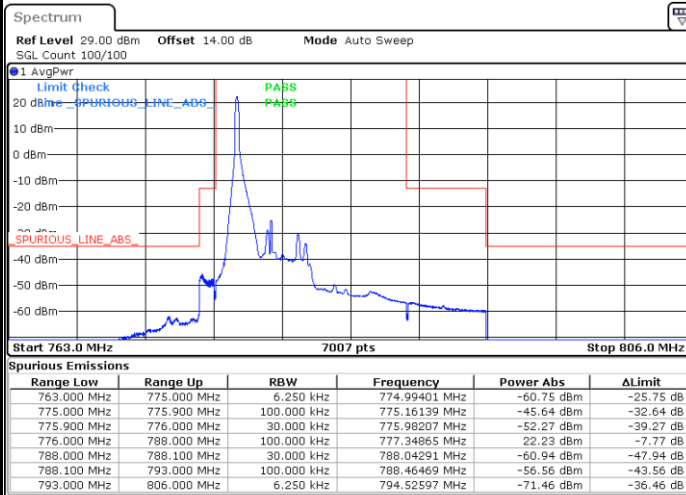


Highest Channel / 5MHz / 64QAM

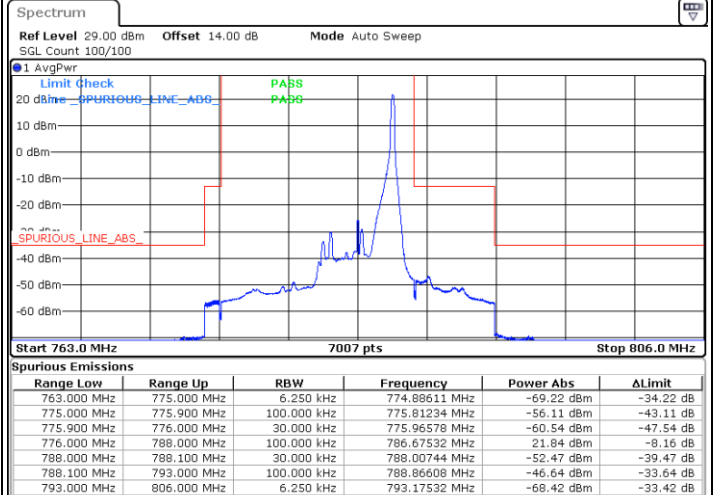


Middle Channel / 10MHz / 64QAM

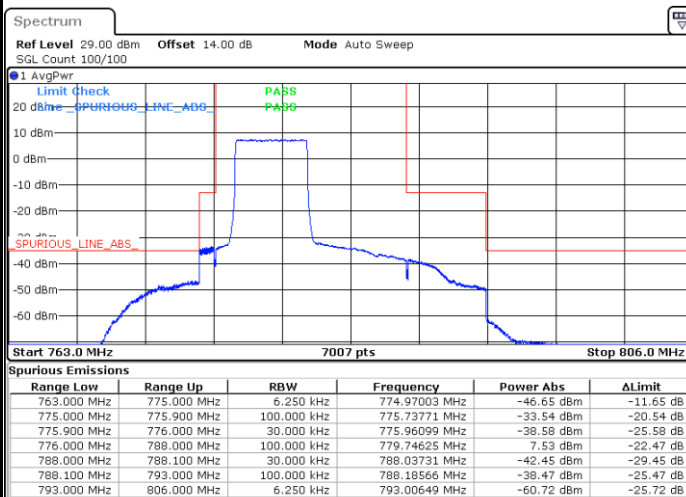


**Conducted Band Edge****LTE Band 13 / 5MHz / QPSK****Lowest Band Edge / 1 RB**

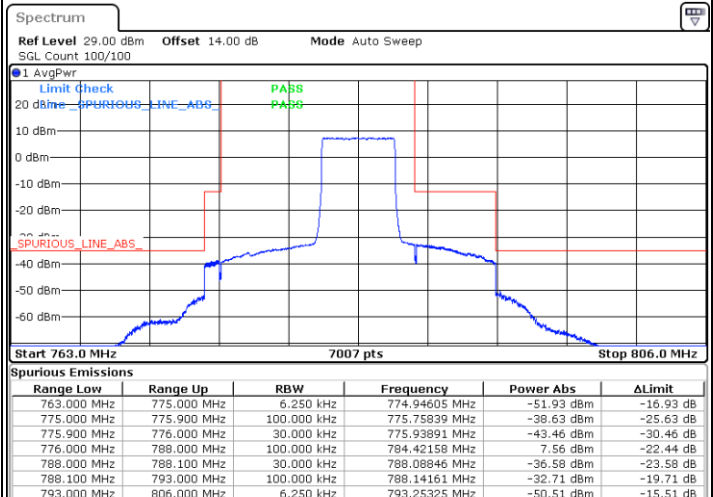
Date: 14 JUN 2022 19:37:30

Highest Band Edge / 1 RB

Date: 14 JUN 2022 19:52:54

Lowest Band Edge / Full RB

Date: 14 JUN 2022 19:31:54

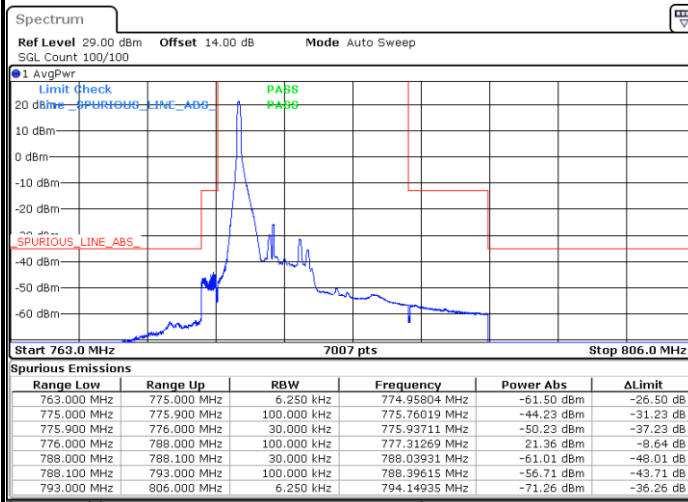
Highest Band Edge / Full RB

Date: 14 JUN 2022 19:47:18



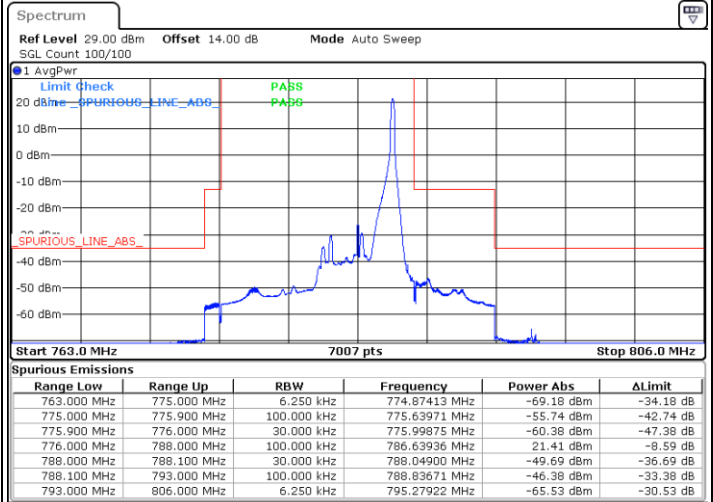
LTE Band 13 / 5MHz / 16QAM

Lowest Band Edge / 1 RB



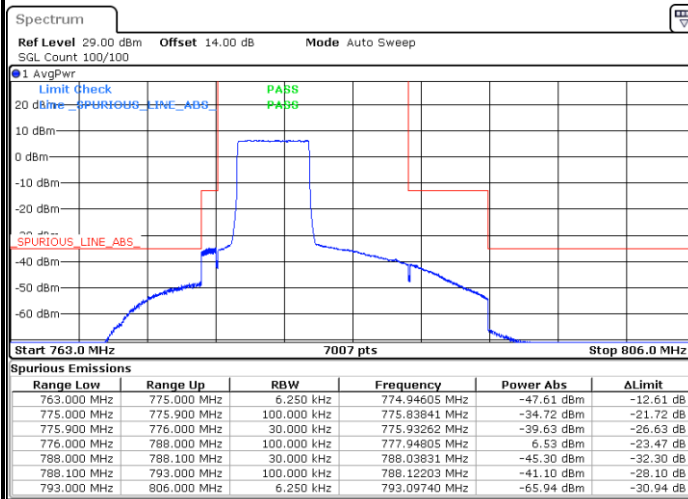
Date: 14 JUN 2022 19:35:38

Highest Band Edge / 1 RB



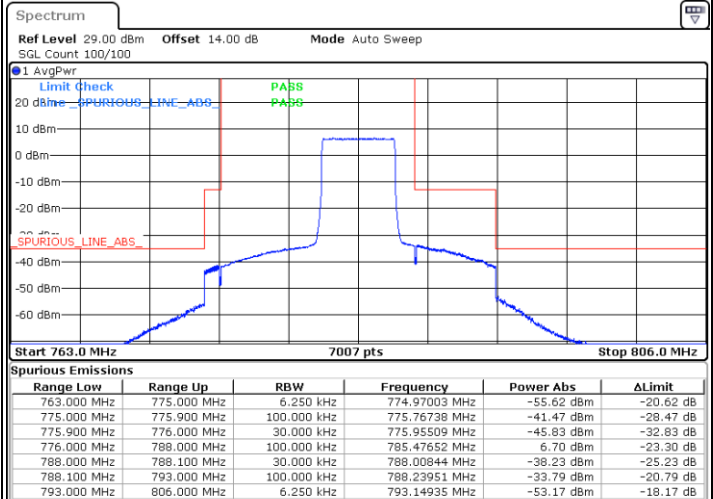
Date: 14 JUN 2022 19:51:01

Lowest Band Edge / Full RB



Date: 14 JUN 2022 19:33:46

Highest Band Edge / Full RB

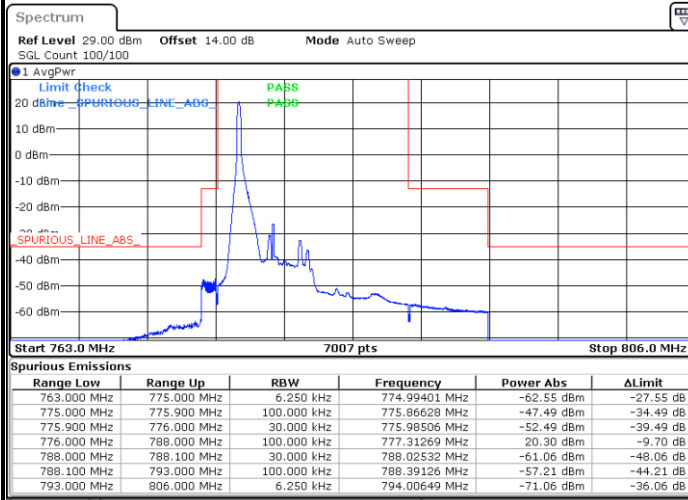


Date: 14 JUN 2022 19:49:10



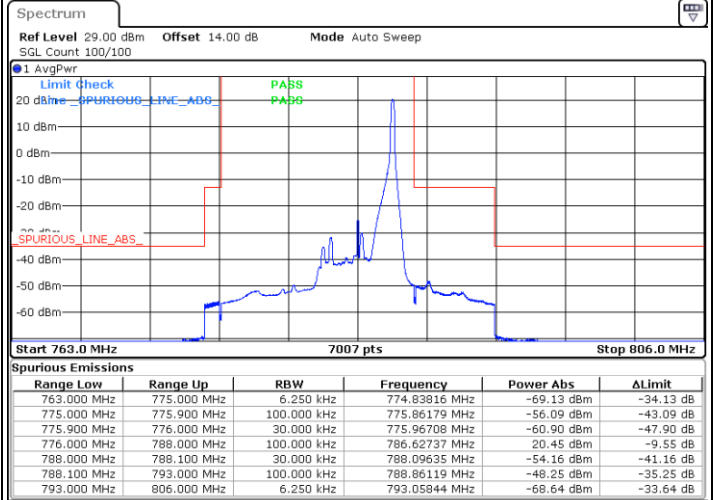
LTE Band 13 / 5MHz / 64QAM

Lowest Band Edge / 1 RB



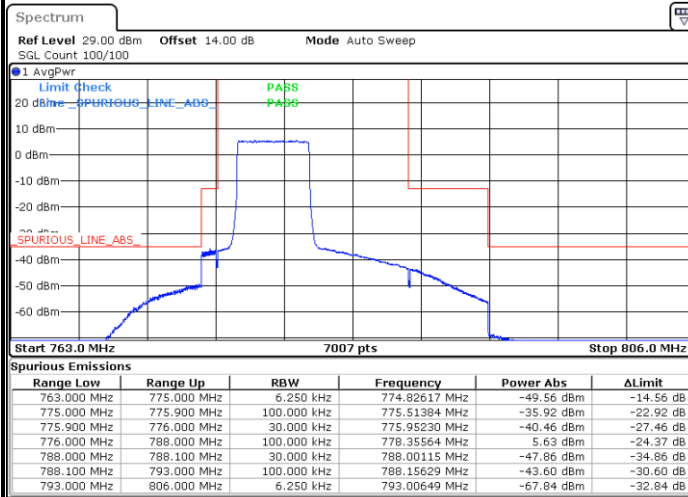
Date: 14 JUN 2022 19:59:51

Highest Band Edge / 1 RB



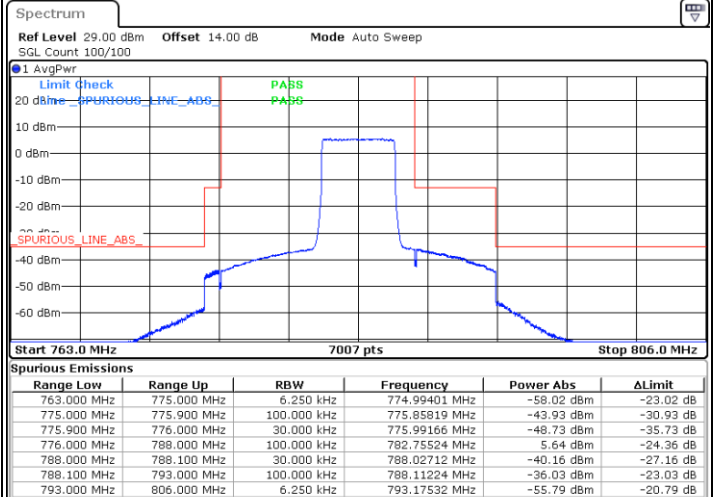
Date: 14 JUN 2022 20:07:15

Lowest Band Edge / Full RB



Date: 14 JUN 2022 19:57:59

Highest Band Edge / Full RB

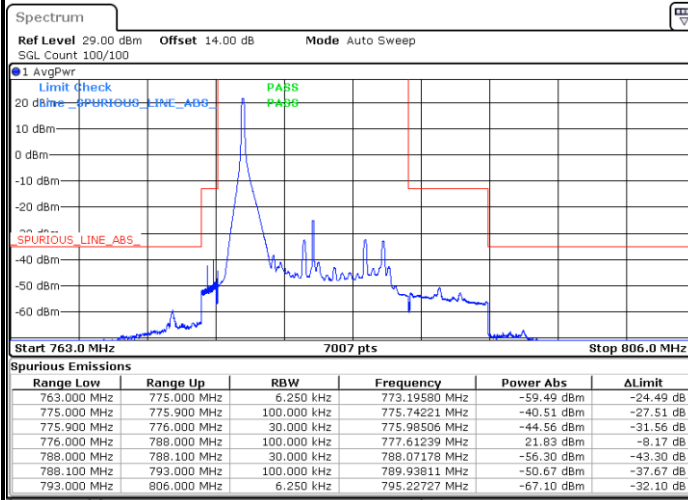


Date: 14 JUN 2022 20:05:23



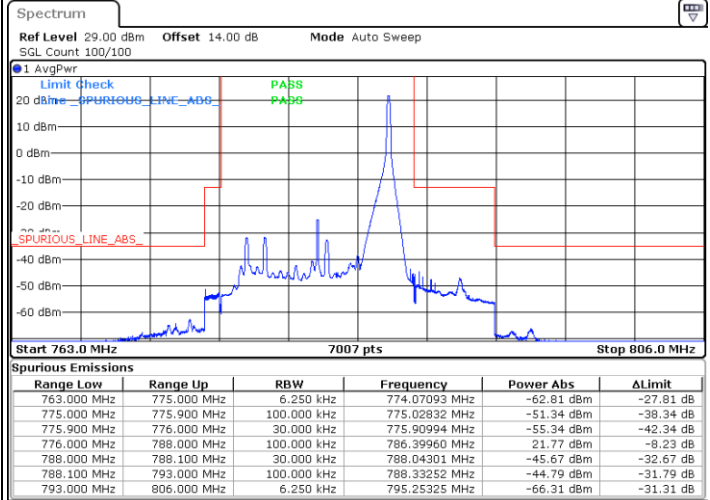
LTE Band 13 / 10MHz / QPSK

Lowest Band Edge / 1 RB



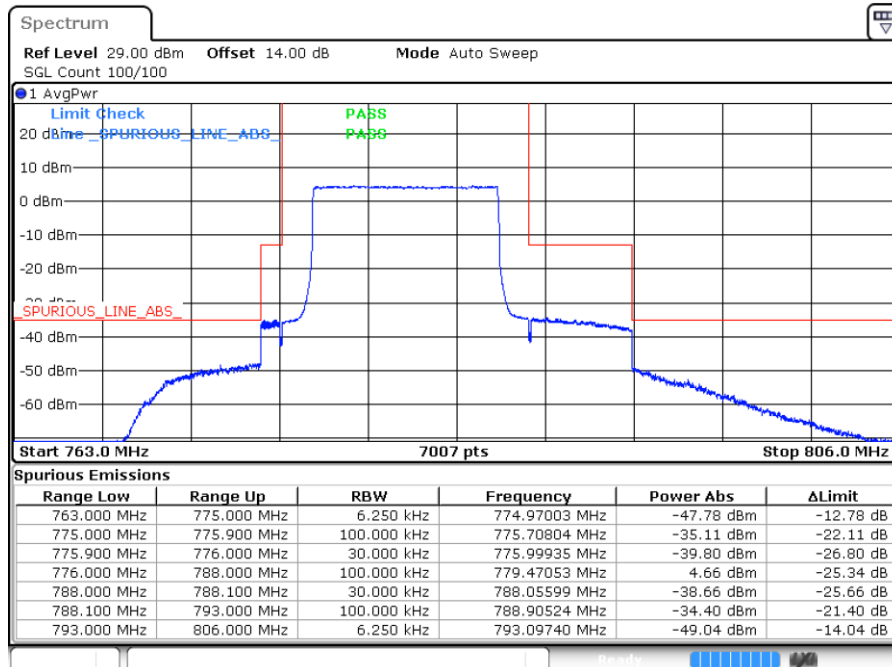
Date: 14 JUN 2022 20:17:19

Highest Band Edge / 1 RB



Date: 14 JUN 2022 20:19:10

Band Edge / Full RB

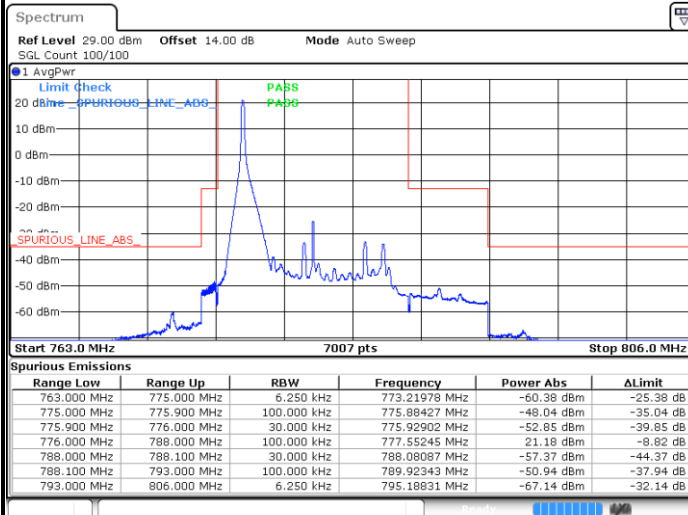


Date: 14 JUN 2022 20:11:45

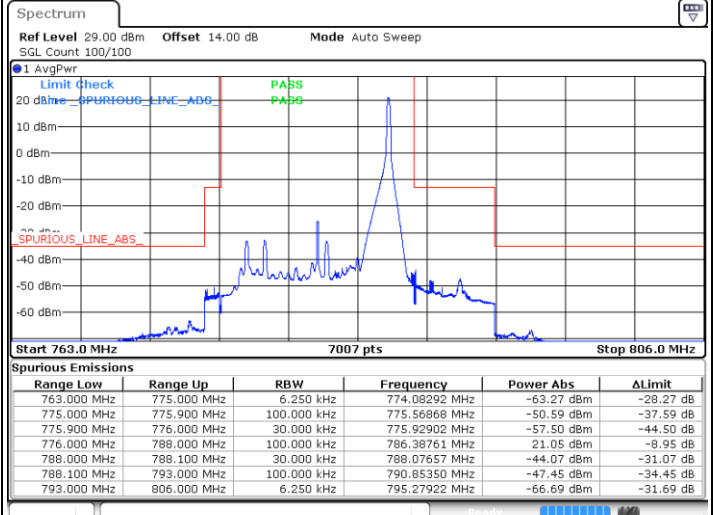


LTE Band 13 / 10MHz / 16QAM

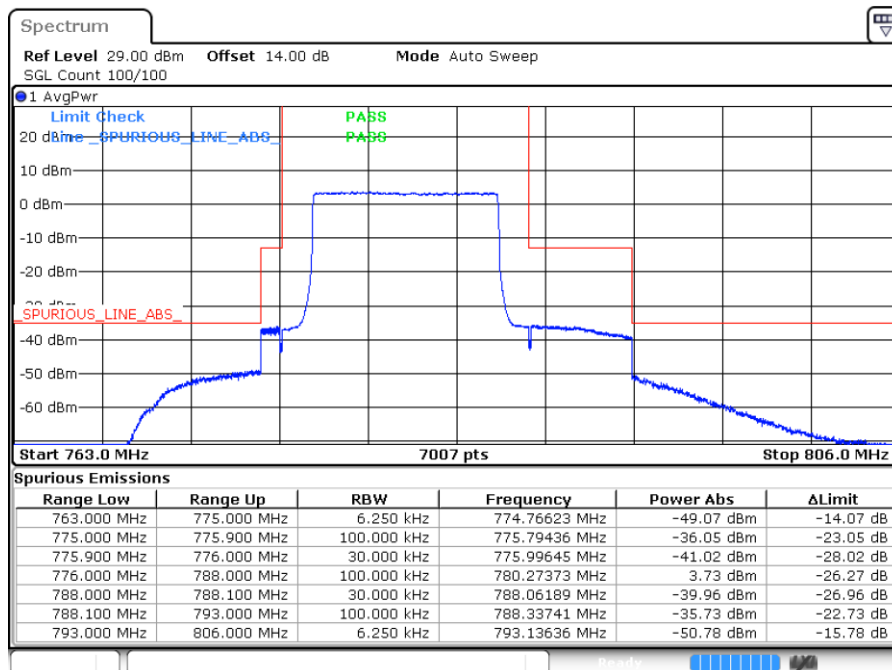
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



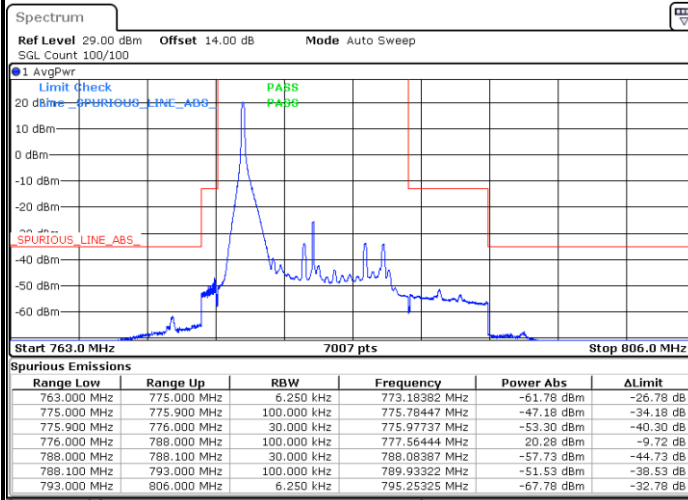
Band Edge / Full RB





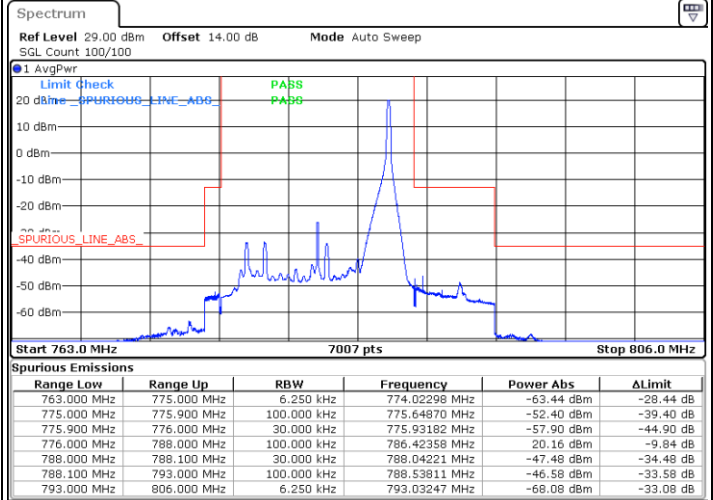
LTE Band 13 / 10MHz / 64QAM

Lowest Band Edge / 1 RB



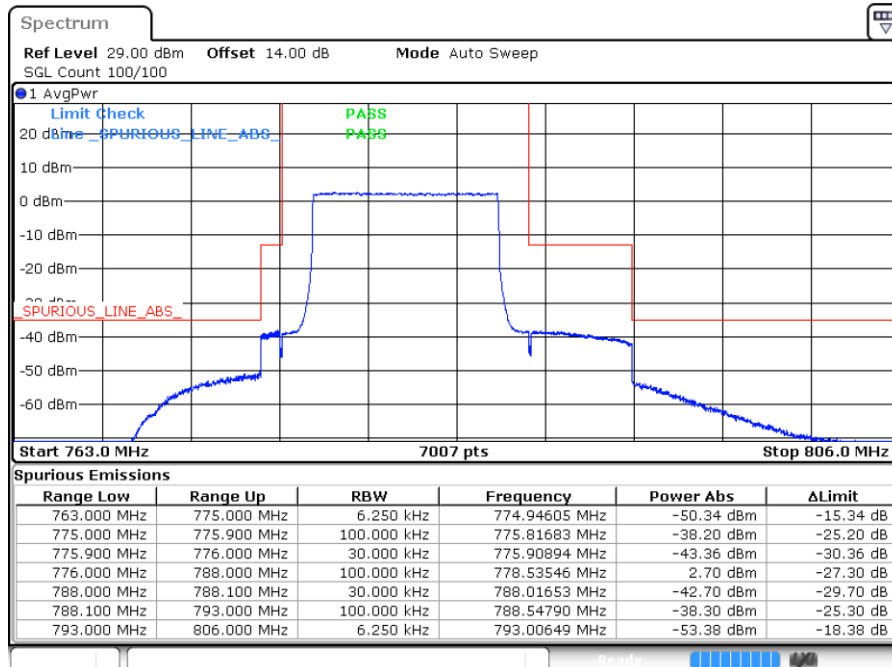
Date: 14 JUN 2022 20:27:57

Highest Band Edge / 1 RB



Date: 14 JUN 2022 20:29:48

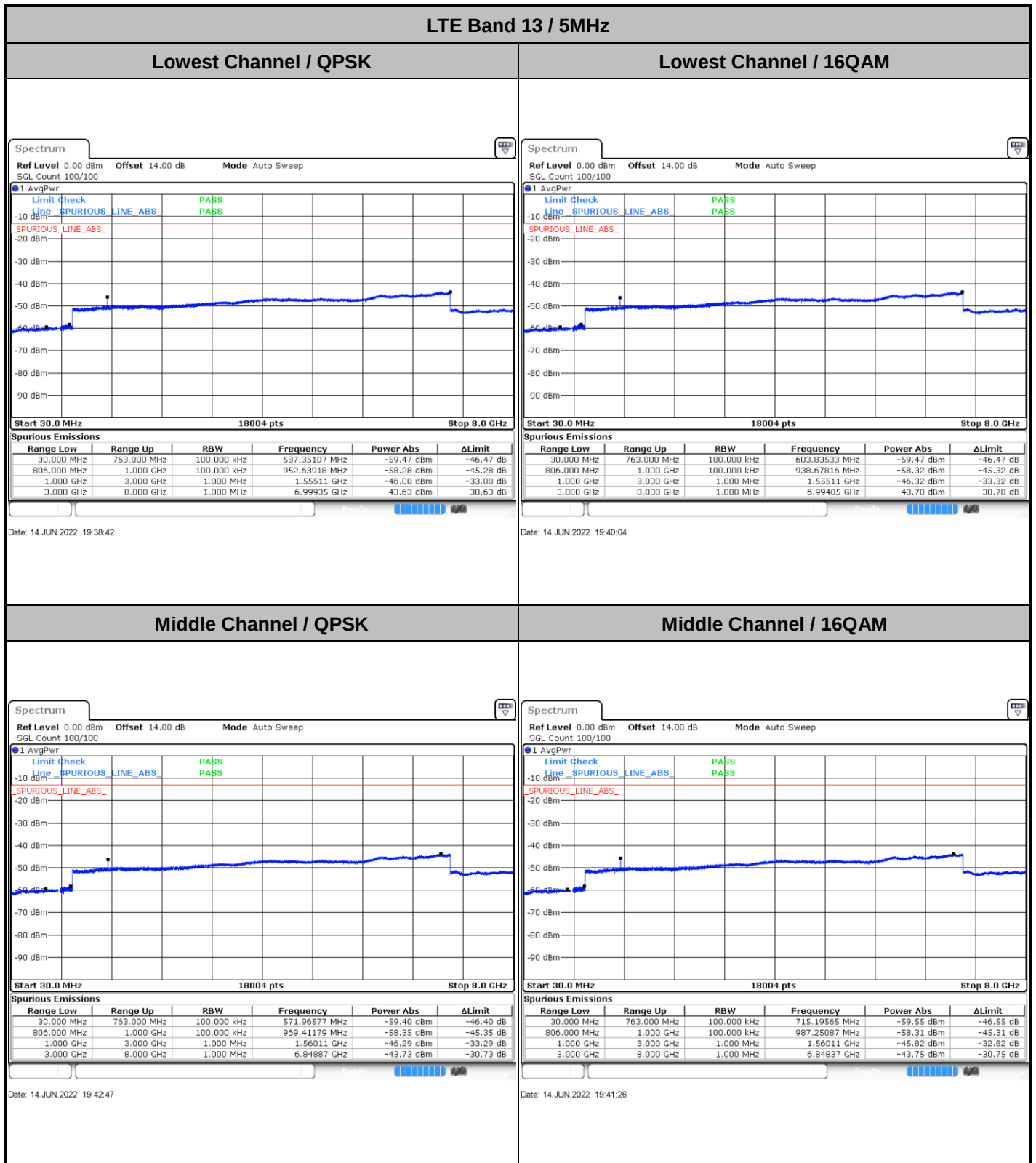
Band Edge / Full RB



Date: 14 JUN 2022 20:28:06



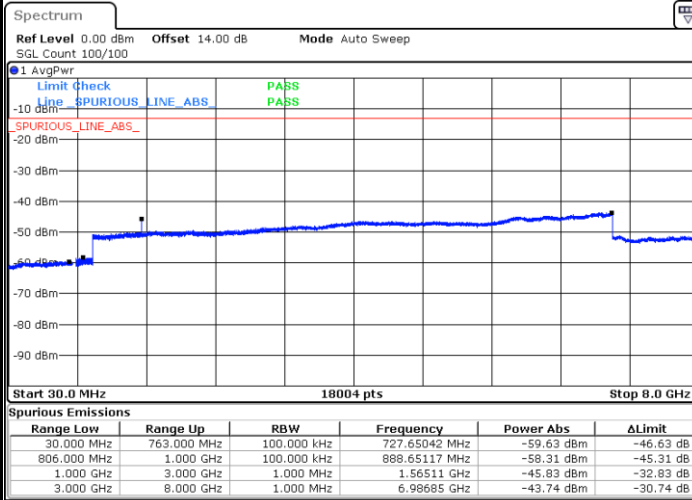
Conducted Spurious Emission





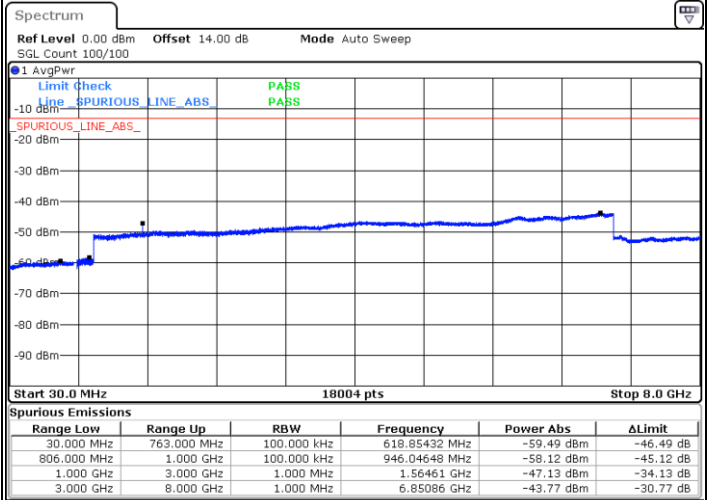
LTE Band 13 / 5MHz

Highest Channel / QPSK



Date: 14 JUN 2022 19:54:15

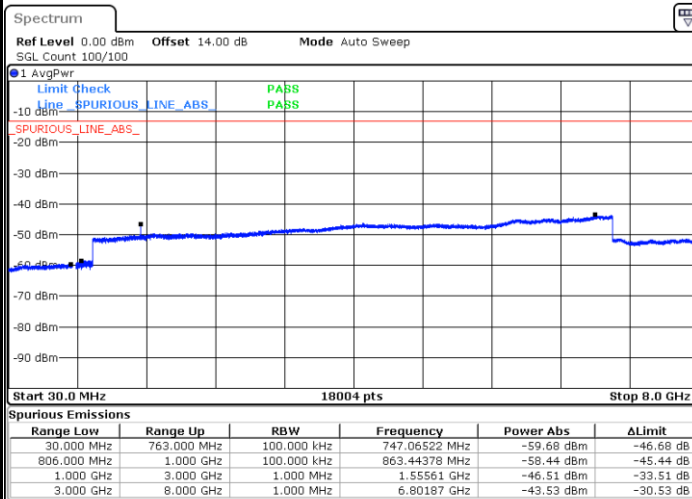
Highest Channel / 16QAM



Date: 14 JUN 2022 19:55:38

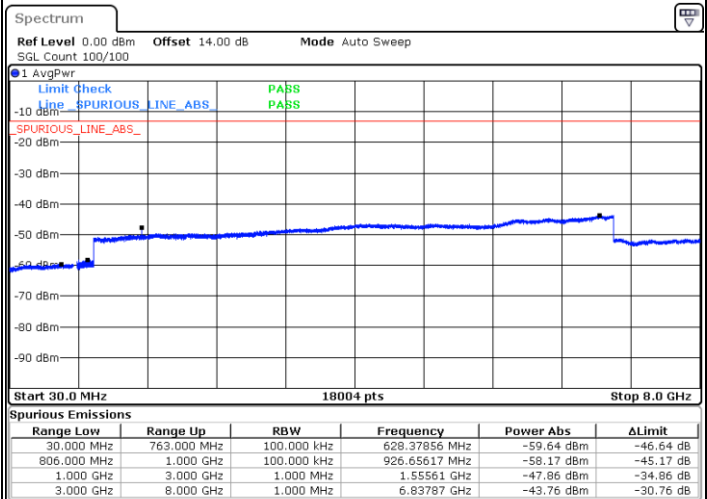
LTE Band 13 / 10MHz

Middle Channel / QPSK



Date: 14 JUN 2022 20:23:45

Middle Channel / 16QAM

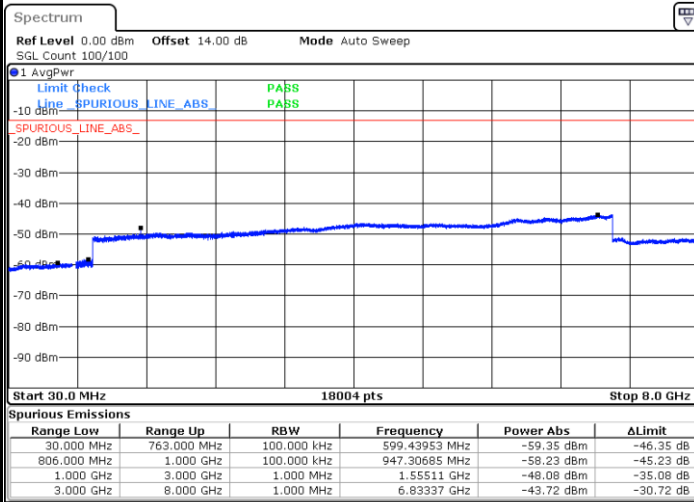


Date: 14 JUN 2022 20:22:24



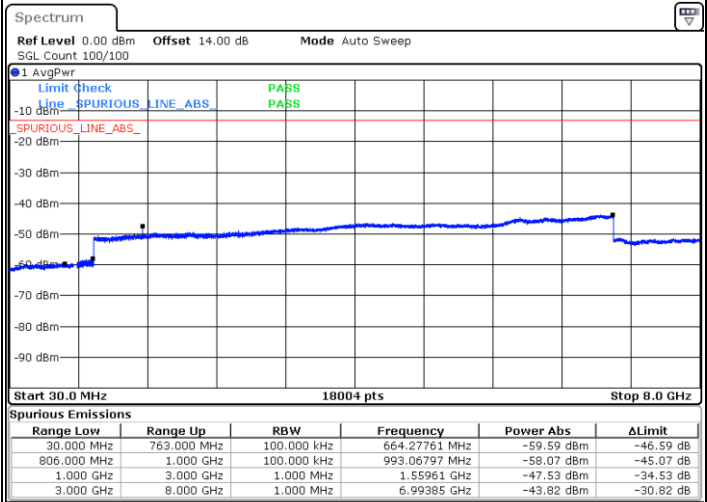
LTE Band 13 / 5MHz

Lowest Channel / 64QAM



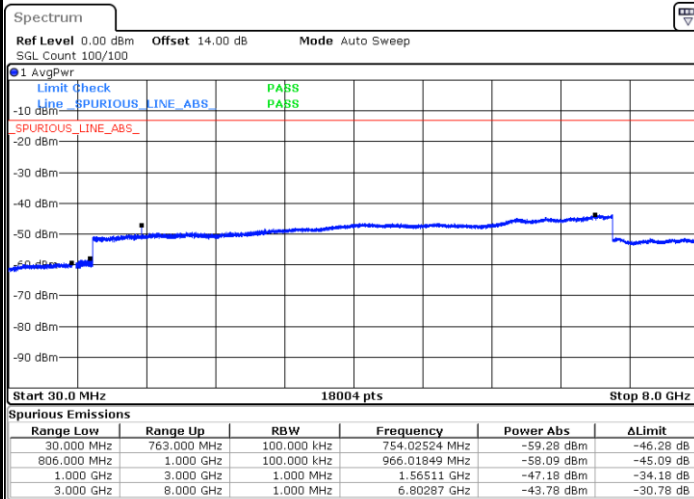
Date: 14 JUN 2022 20:01:03

Middle Channel / 64QAM



Date: 14 JUN 2022 20:02:25

Highest Channel / 64QAM

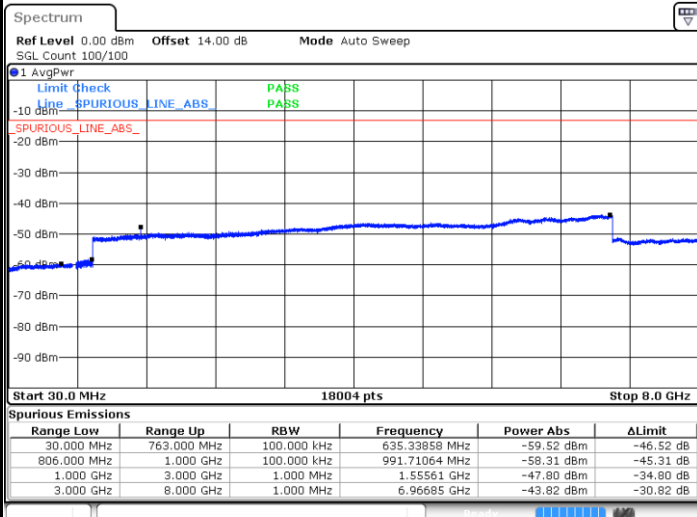


Date: 14 JUN 2022 20:08:37



LTE Band 13 / 10MHz

Middle Channel / 64QAM



Date: 14 JUN 2022 20:31:10

Frequency Stability

Test Conditions		LTE Band 13 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0018	PASS
40	Normal Voltage	0.0010	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0008	
-10	Normal Voltage	0.0019	
-20	Normal Voltage	0.0009	
-30	Normal Voltage	0.0014	
20	Maximum Voltage	0.0003	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0001	

Note:

1. Normal Voltage =3.85V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.25 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 26_Part 22H

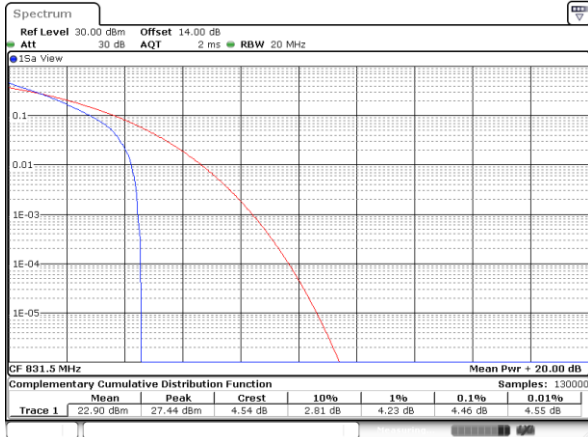
Peak-to-Average Ratio

Mode	LTE Band 26 / 15MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.46	5.25	5.22	6.03	PASS
Middle CH	3.36	5.42	4.35	6.23	
Highest CH	3.65	5.39	4.67	6.35	
Mode	LTE Band 26 / 15MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	6.12	6.58	-	-	PASS
Middle CH	4.96	6.87	-	-	
Highest CH	5.39	6.64	-	-	

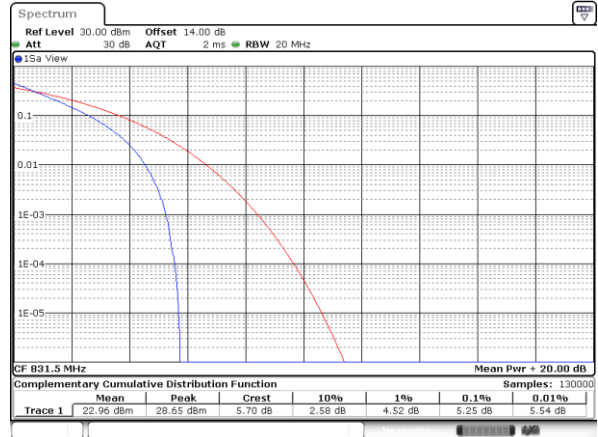


LTE Band 26 / 15MHz / QPSK

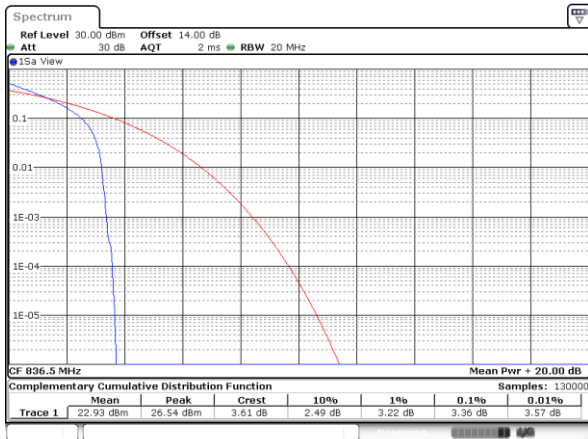
Lowest Channel / 1RB



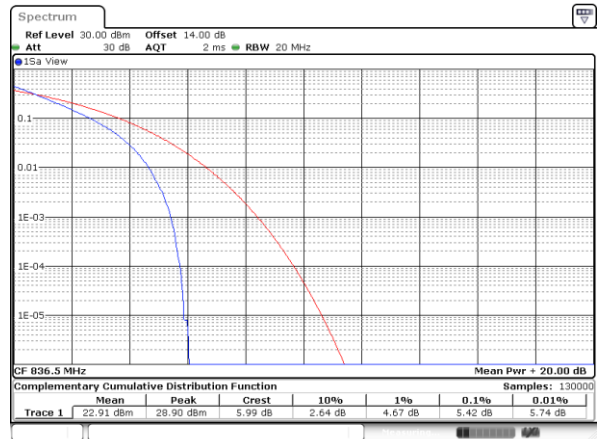
Lowest Channel / Full RB



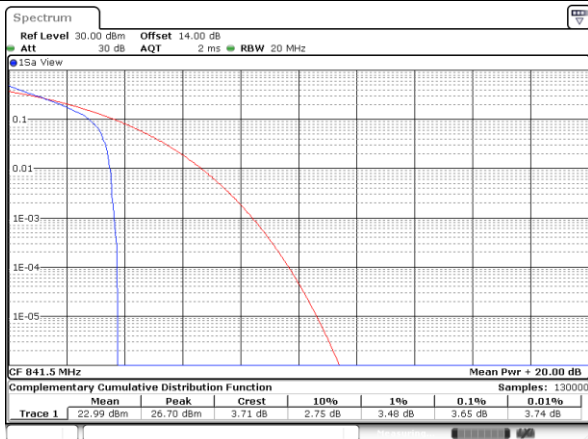
Middle Channel / 1RB



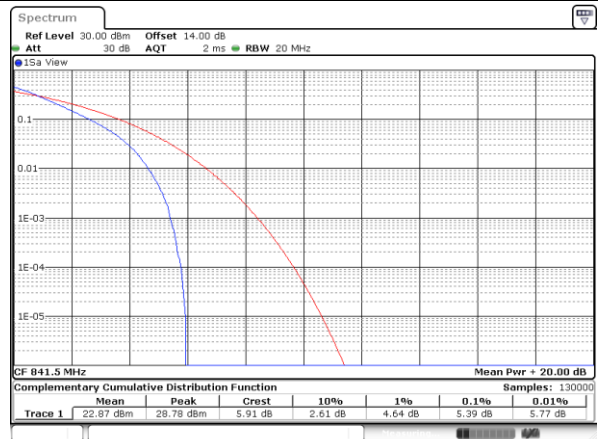
Middle Channel / Full RB



Highest Channel / 1RB



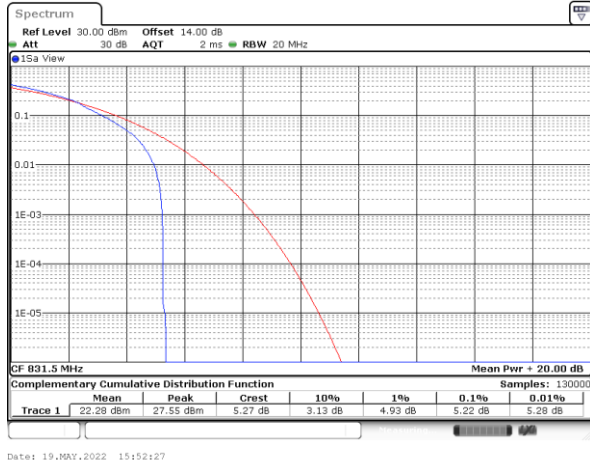
Highest Channel / Full RB



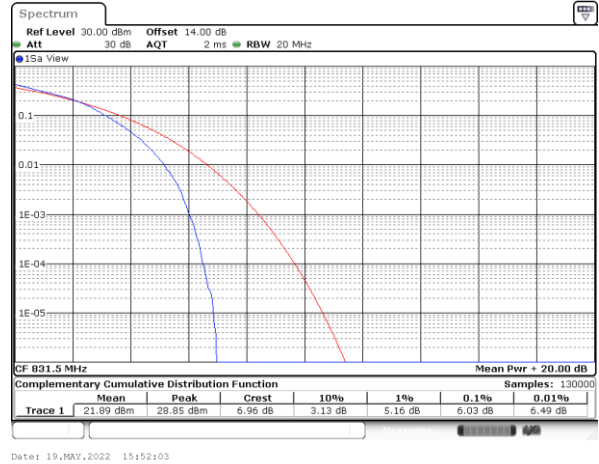


LTE Band 26 / 15MHz / 16QAM

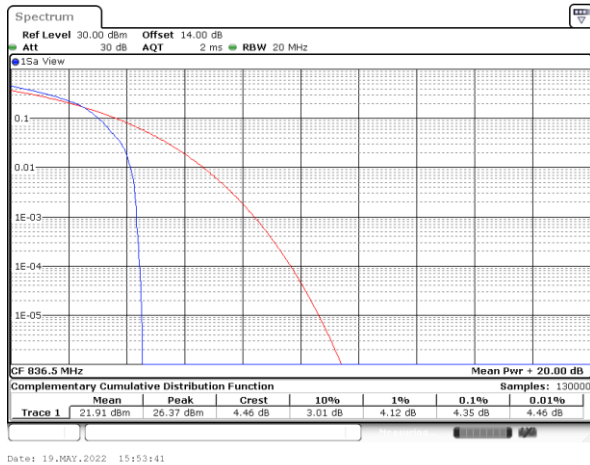
Lowest Channel / 1RB



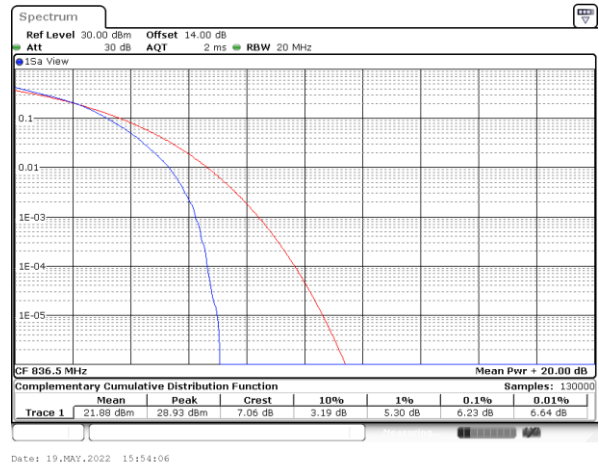
Lowest Channel / Full RB



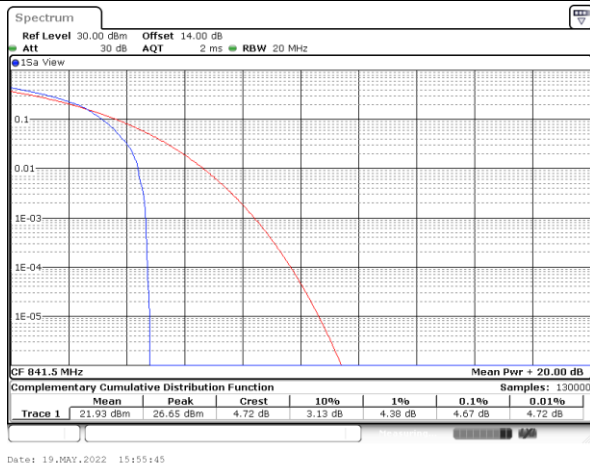
Middle Channel / 1RB



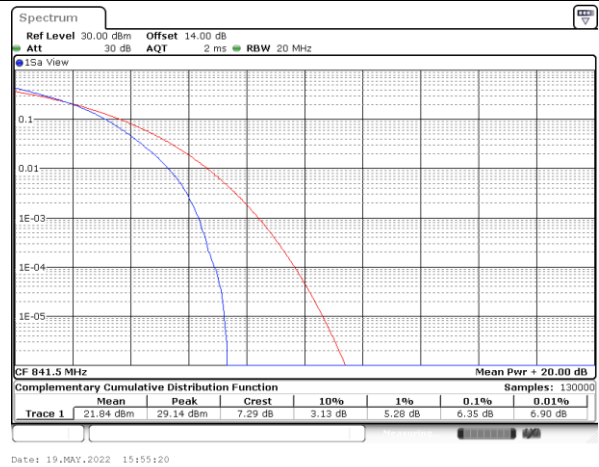
Middle Channel / Full RB



Highest Channel / 1RB



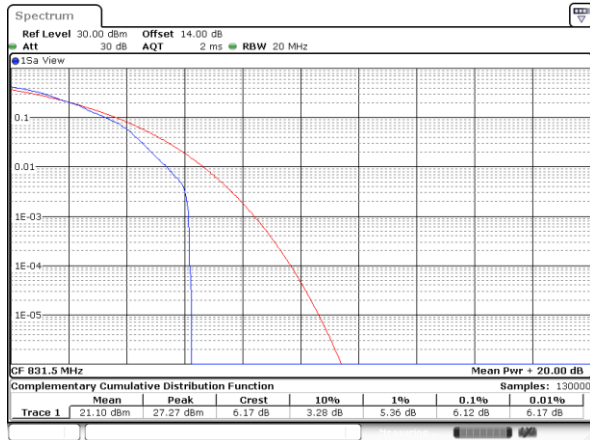
Highest Channel / Full RB



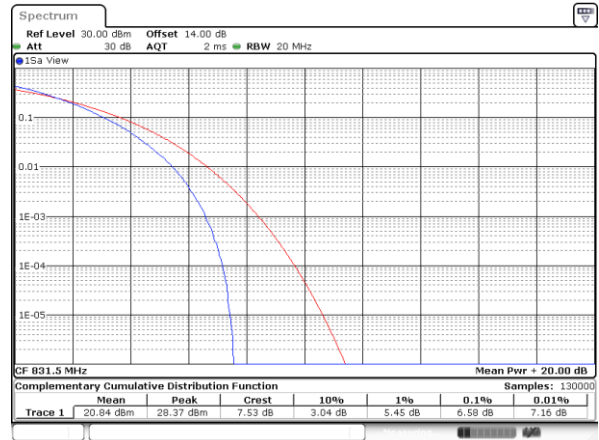


LTE Band 26 / 15MHz / 64QAM

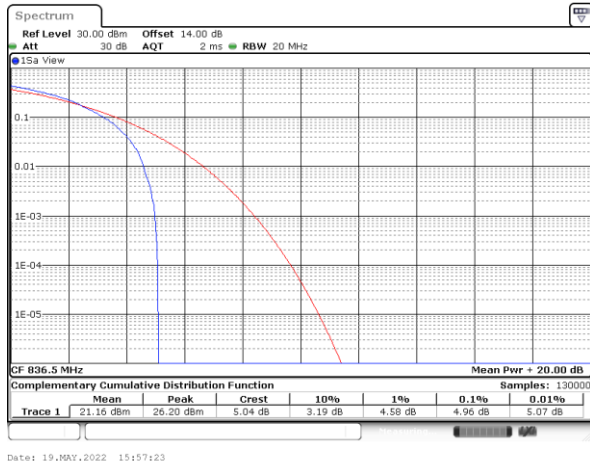
Lowest Channel / 1RB



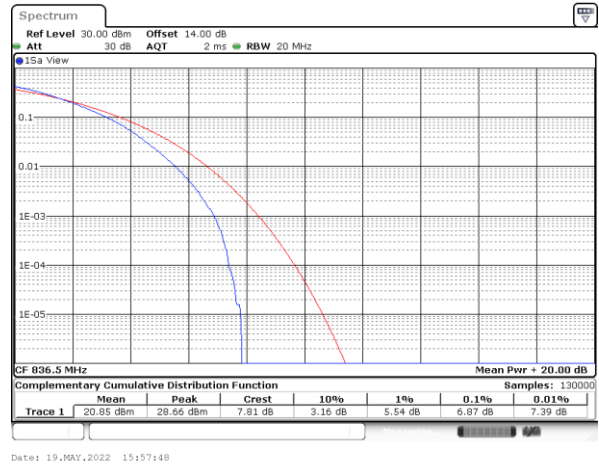
Lowest Channel / Full RB



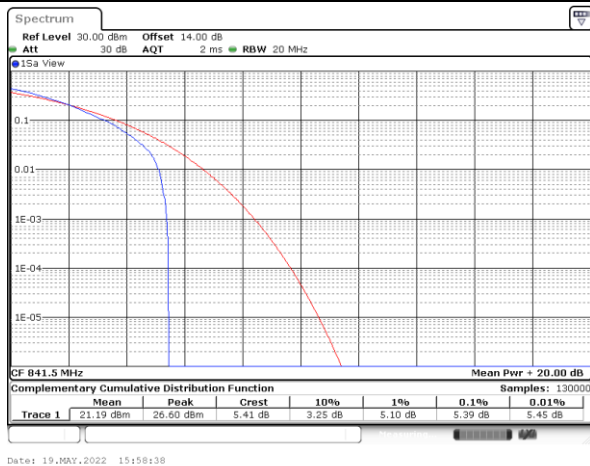
Middle Channel / 1RB



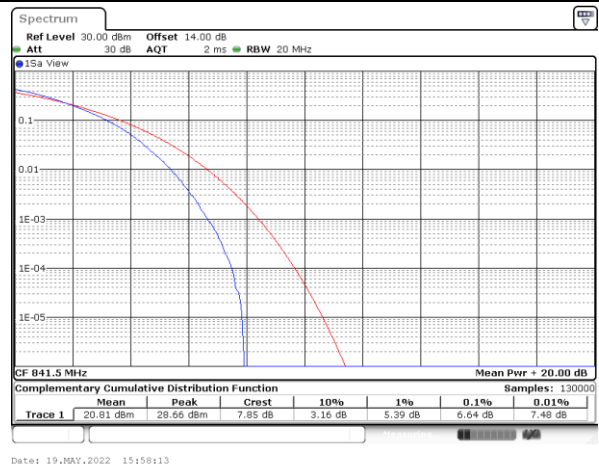
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



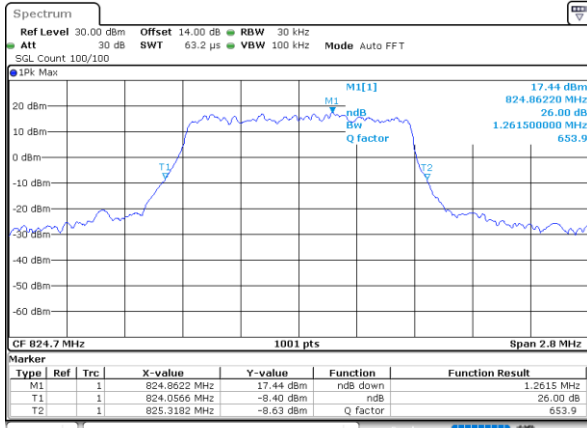
**26dB Bandwidth**

Mode	LTE Band 26 : 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	1.26	1.28	2.97	2.99	4.92	4.92	9.75	9.73	14.24	14.27	-	-
Middle CH	1.28	1.25	2.97	2.93	4.85	4.88	9.73	9.73	14.42	14.51	-	-
Highest CH	1.27	1.29	2.98	2.96	4.84	4.89	9.75	9.85	14.24	14.27	-	-
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.28	-	2.94	-	4.83	-	9.77	-	14.33	-	-	-
Middle CH	1.28	-	2.94	-	4.89	-	9.83	-	14.30	-	-	-
Highest CH	1.26	-	2.97	-	4.96	-	9.79	-	14.27	-	-	-



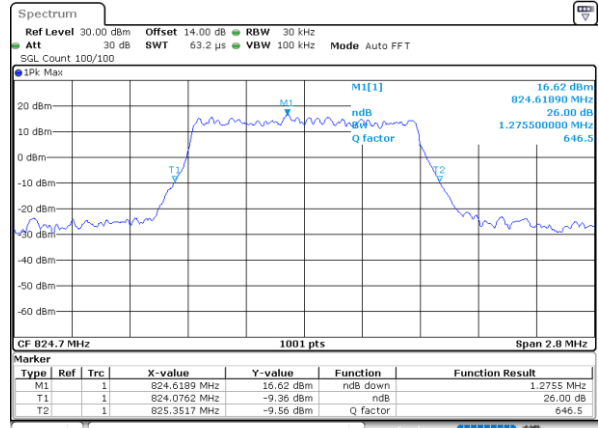
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



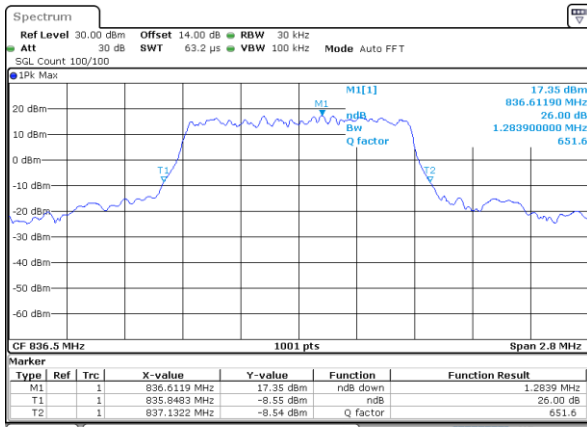
Date: 19.MAY.2022 11:08:32

Lowest Channel / 1.4MHz / 16QAM



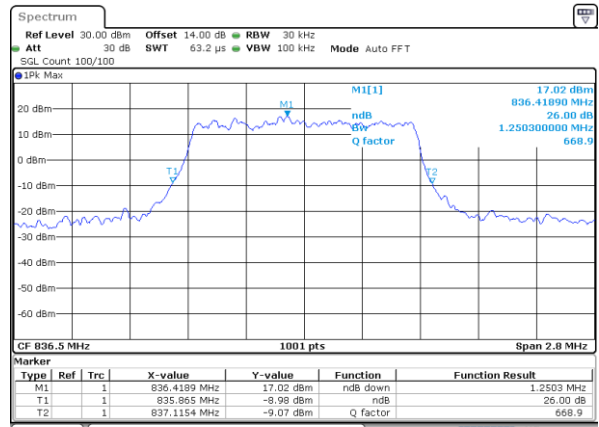
Date: 19.MAY.2022 11:08:09

Middle Channel / 1.4MHz / QPSK



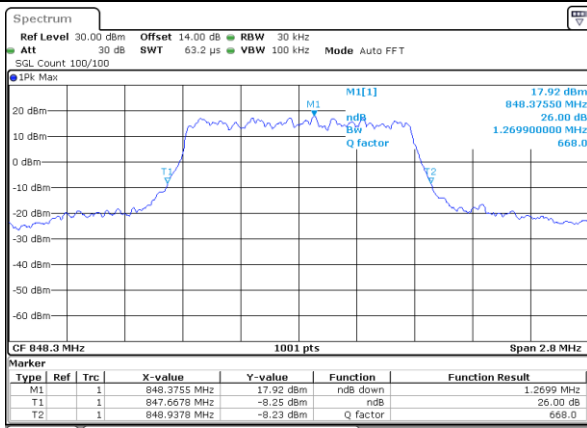
Date: 19.MAY.2022 11:18:14

Middle Channel / 1.4MHz / 16QAM



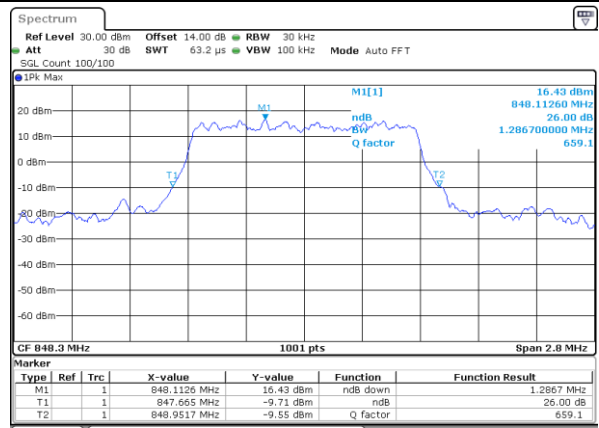
Date: 19.MAY.2022 11:17:51

Highest Channel / 1.4MHz / QPSK



Date: 19.MAY.2022 11:22:04

Highest Channel / 1.4MHz / 16QAM

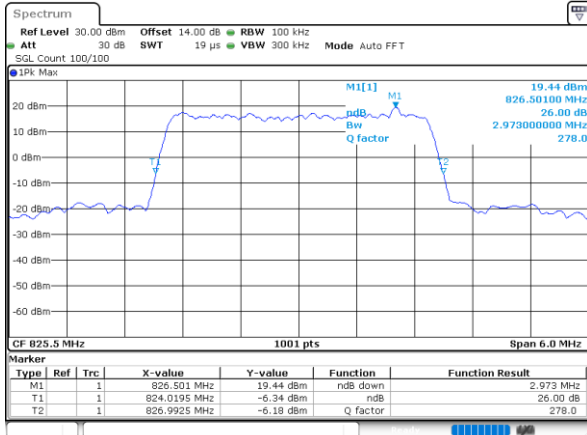


Date: 19.MAY.2022 11:21:41



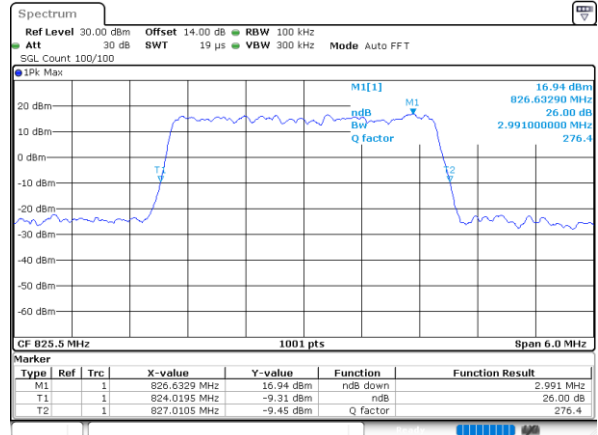
LTE Band 26

Lowest Channel / 3MHz / QPSK



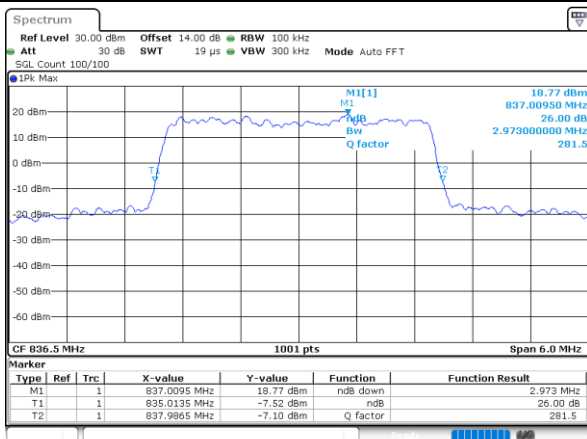
Date: 19.MAY.2022 12:31:47

Lowest Channel / 3MHz / 16QAM



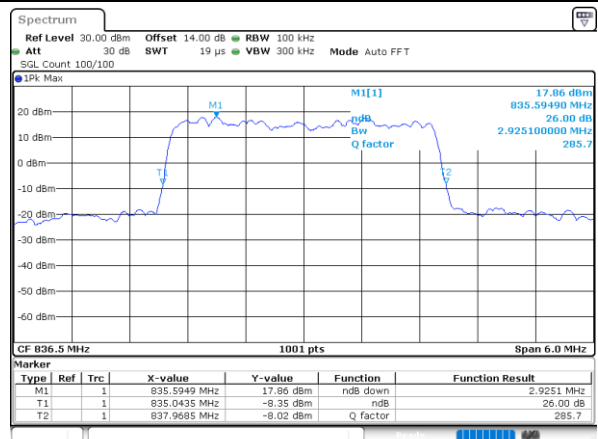
Date: 19.MAY.2022 12:31:23

Middle Channel / 3MHz / QPSK



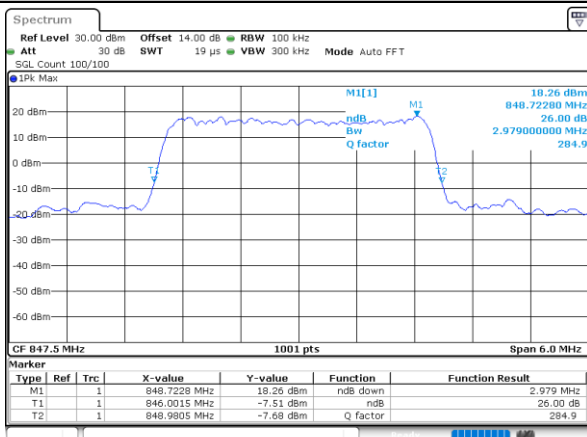
Date: 19.MAY.2022 12:40:46

Middle Channel / 3MHz / 16QAM



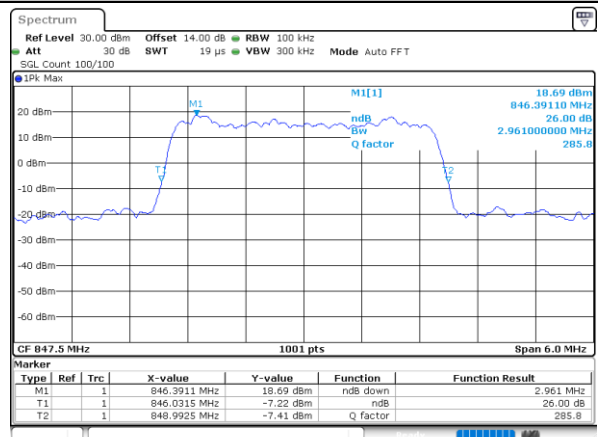
Date: 19.MAY.2022 12:40:22

Highest Channel / 3MHz / QPSK



Date: 19.MAY.2022 12:44:35

Highest Channel / 3MHz / 16QAM

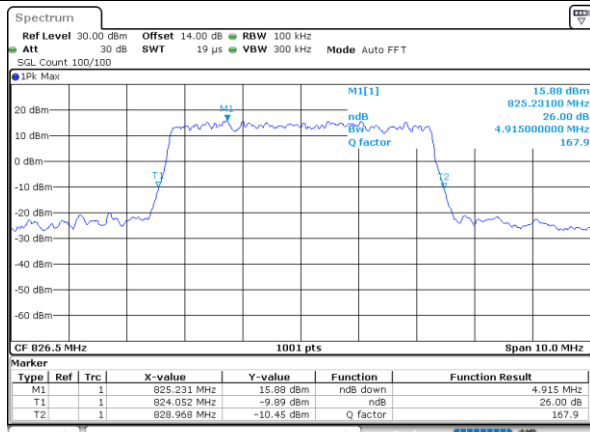


Date: 19.MAY.2022 12:44:12

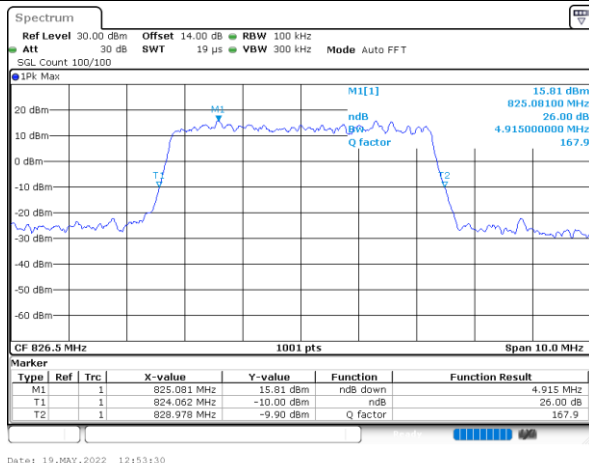


LTE Band 26

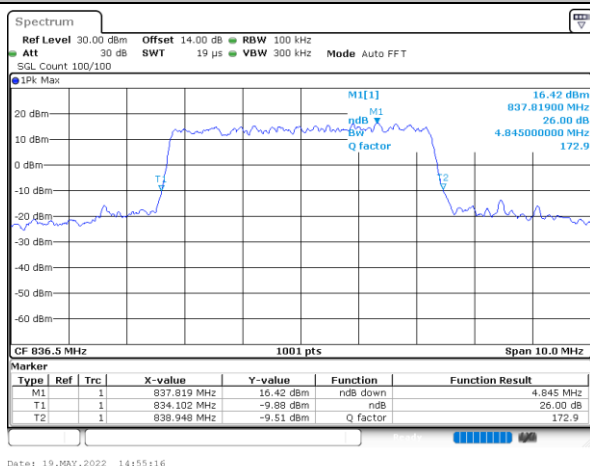
Lowest Channel / 5MHz / QPSK



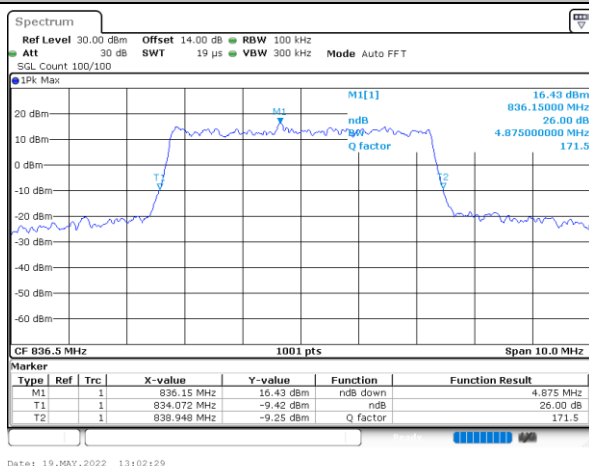
Lowest Channel / 5MHz / 16QAM



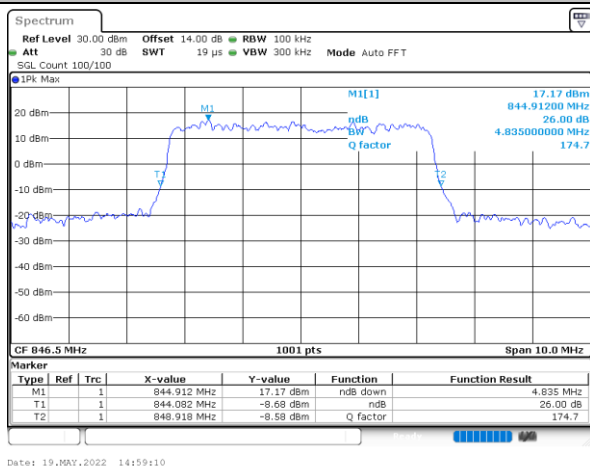
Middle Channel / 5MHz / QPSK



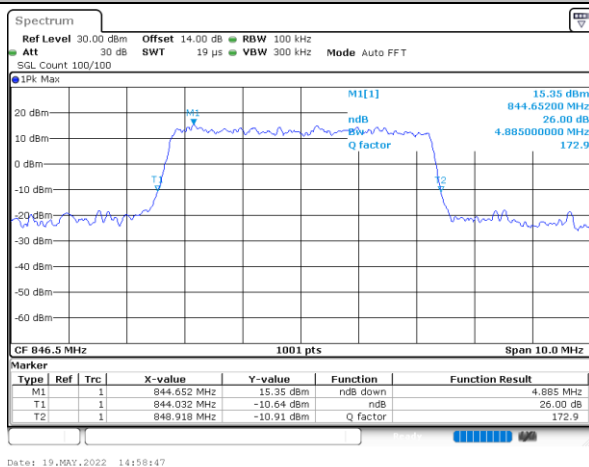
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



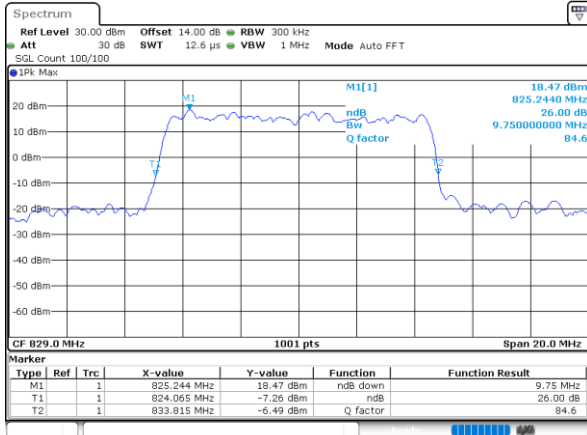
Highest Channel / 5MHz / 16QAM



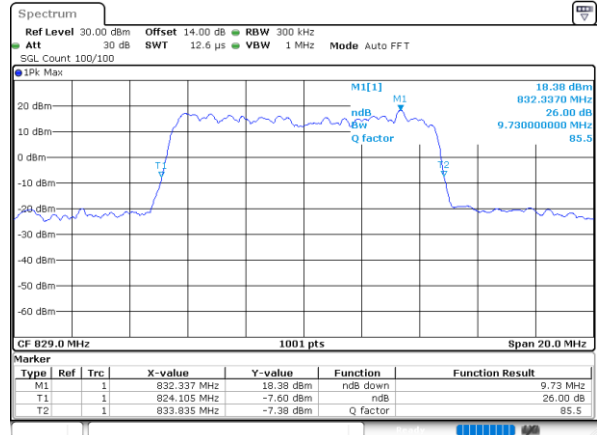


LTE Band 26

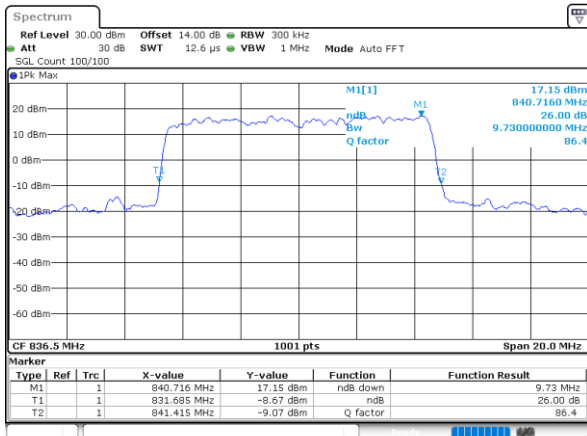
Lowest Channel / 10MHz / QPSK



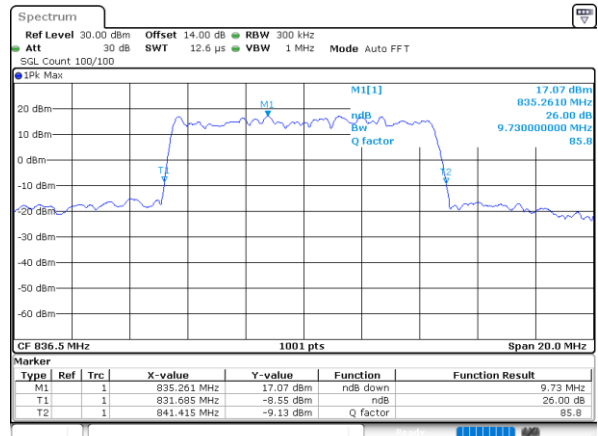
Lowest Channel / 10MHz / 16QAM



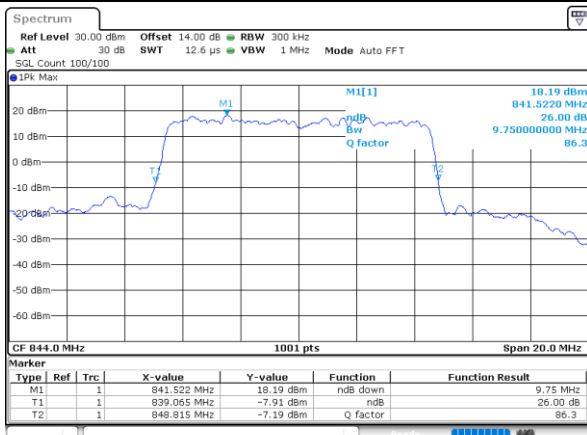
Middle Channel / 10MHz / QPSK



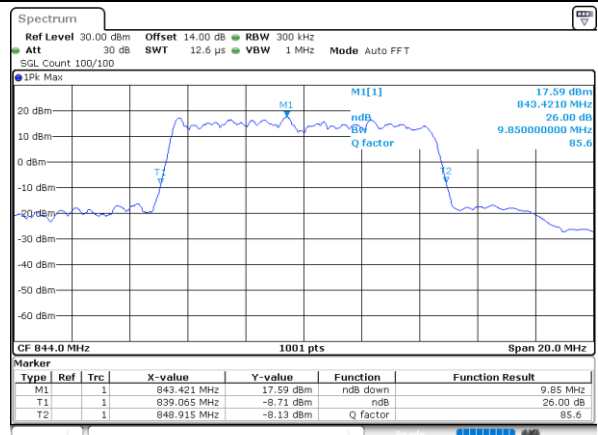
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



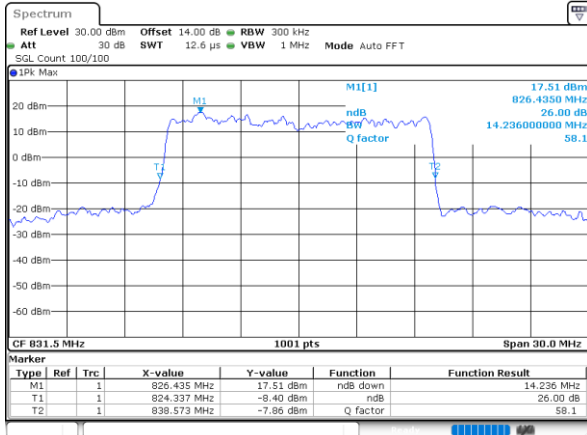
Highest Channel / 10MHz / 16QAM





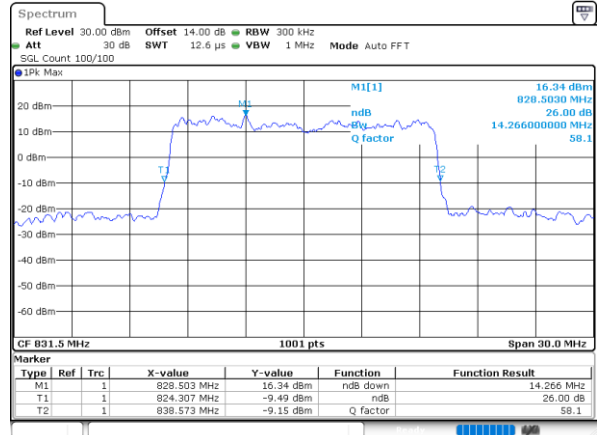
LTE Band 26

Lowest Channel / 15MHz / QPSK



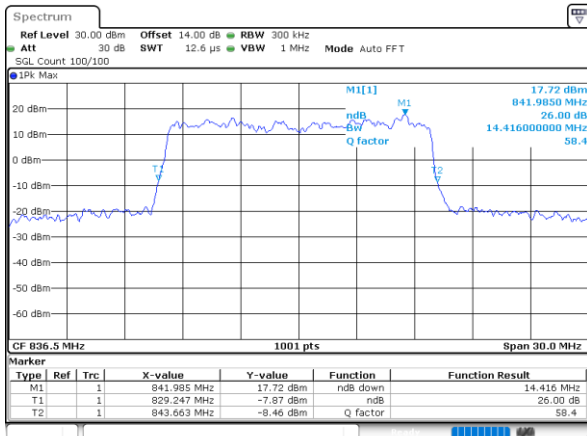
Date: 19.MAY.2022 15:30:31

Lowest Channel / 15MHz / 16QAM



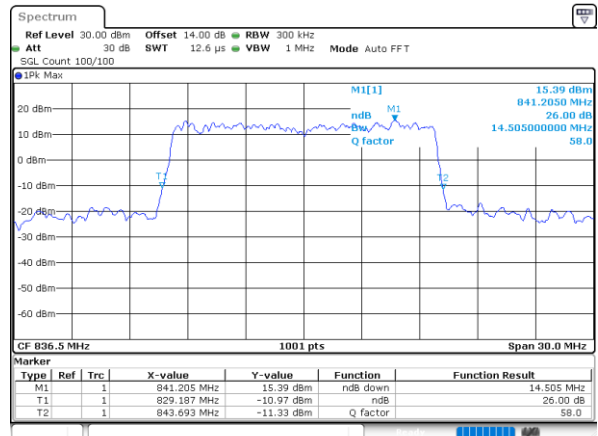
Date: 19.MAY.2022 15:30:08

Middle Channel / 15MHz / QPSK



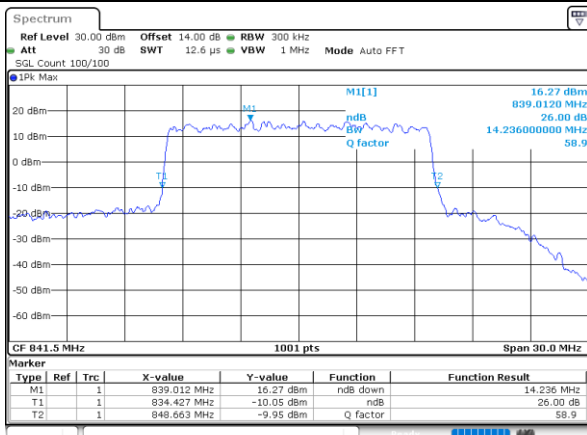
Date: 19.MAY.2022 15:39:30

Middle Channel / 15MHz / 16QAM



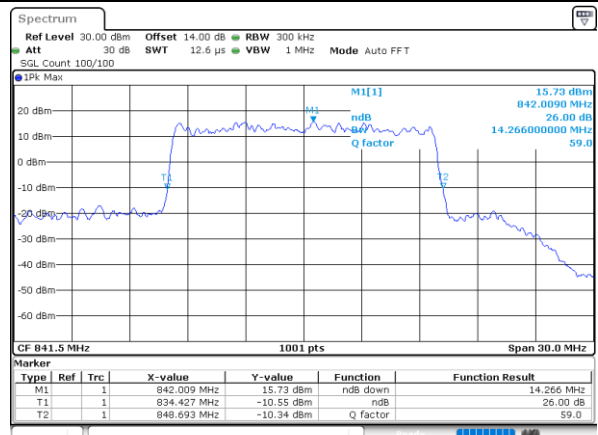
Date: 19.MAY.2022 15:39:07

Highest Channel / 15MHz / QPSK



Date: 19.MAY.2022 15:43:20

Highest Channel / 15MHz / 16QAM



Date: 19.MAY.2022 15:42:56