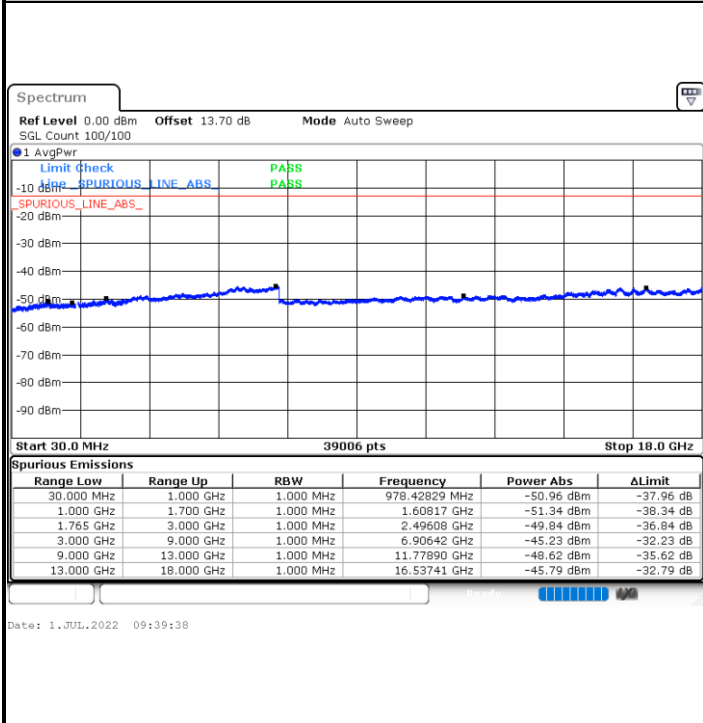


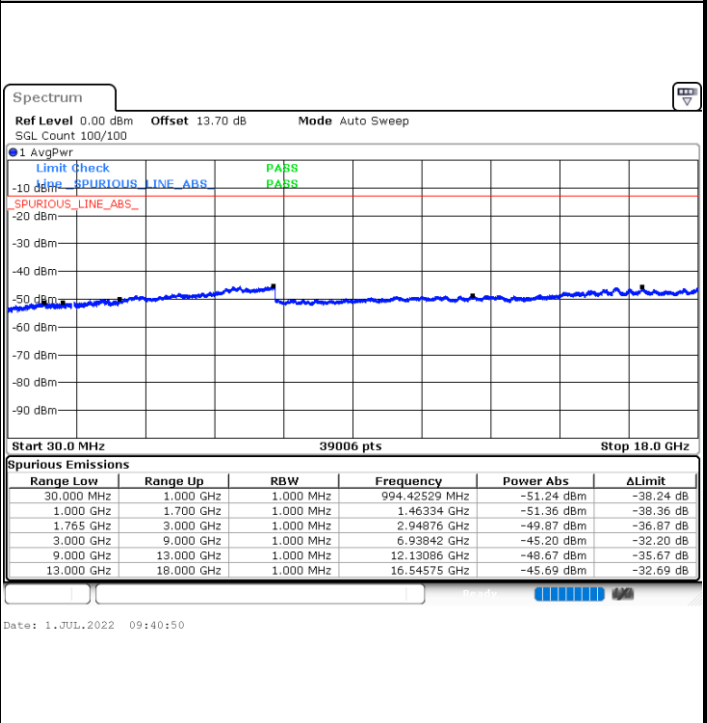


LTE Band 4 / 5MHz

Highest Channel / QPSK

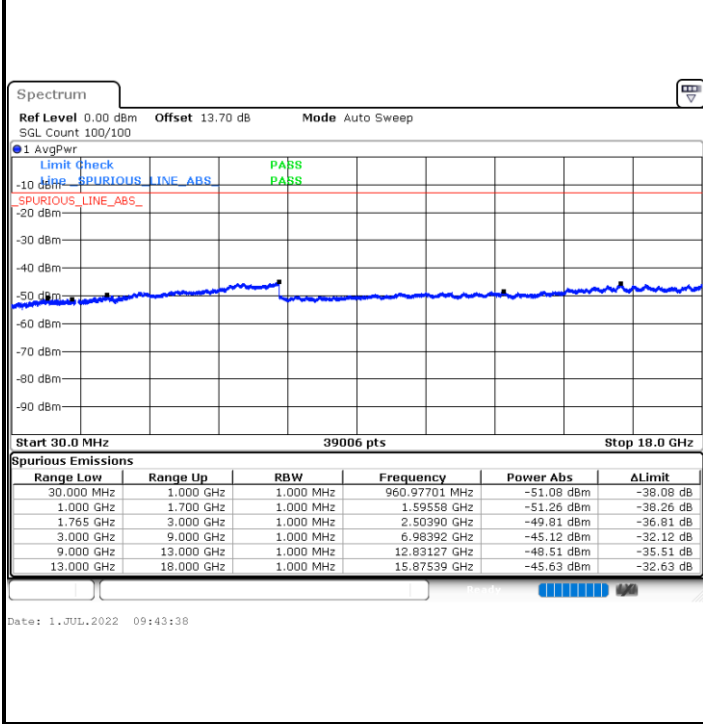


Highest Channel / 16QAM

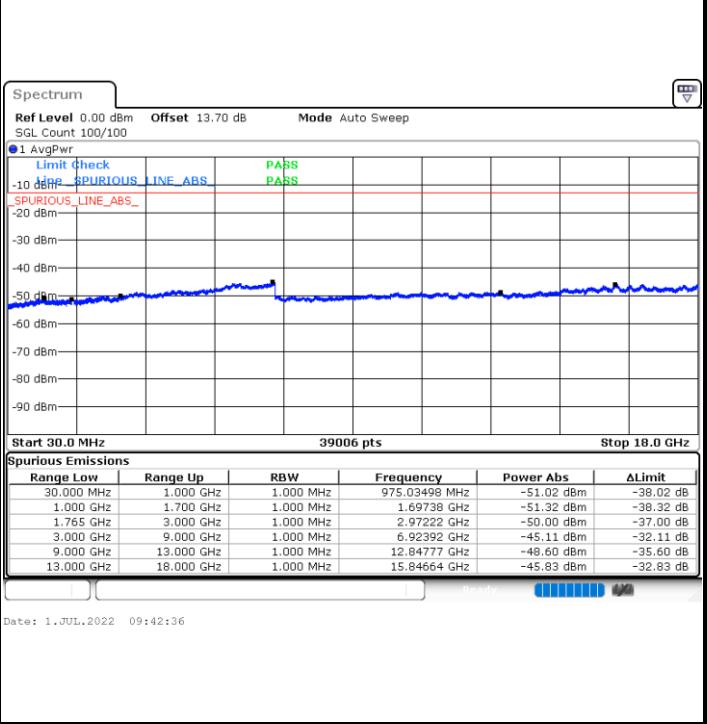


LTE Band 4 / 10MHz

Lowest Channel / QPSK



Lowest Channel / 16QAM

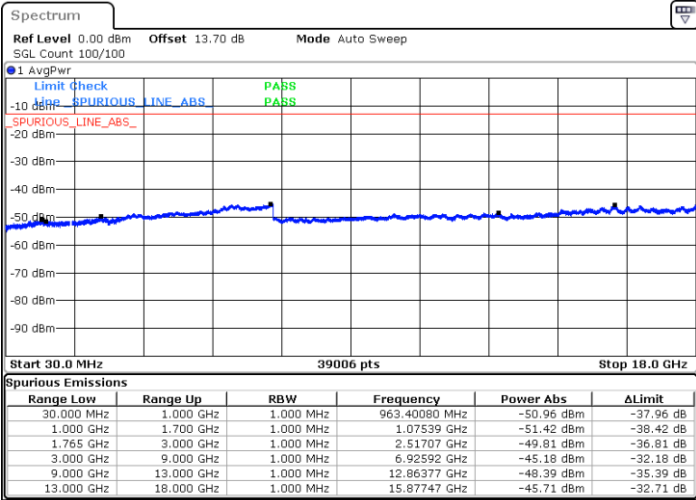




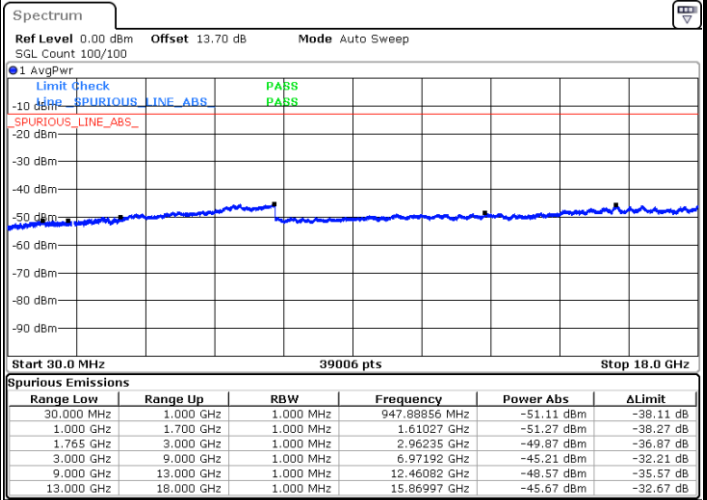
LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM



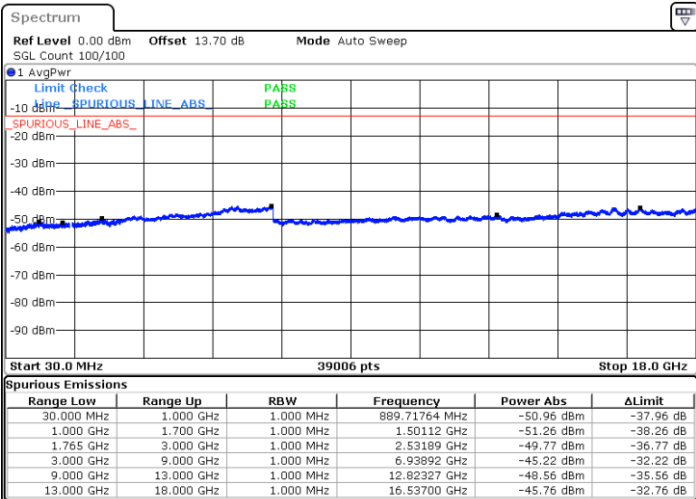
Date: 1.JUL.2022 09:45:05



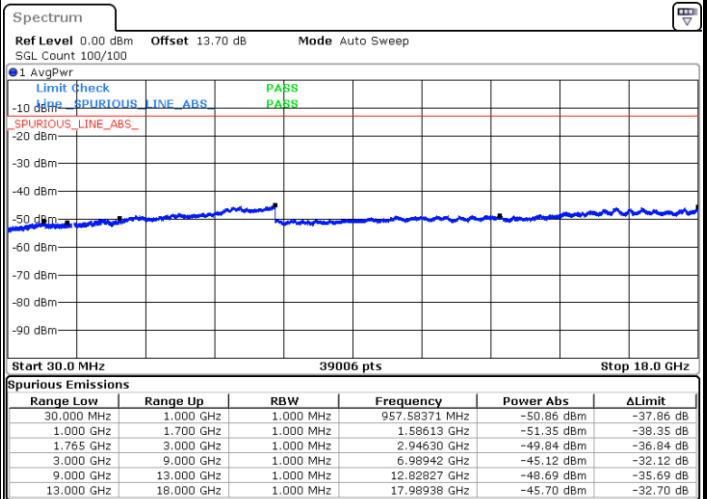
Date: 1.JUL.2022 09:46:09

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.JUL.2022 09:49:01



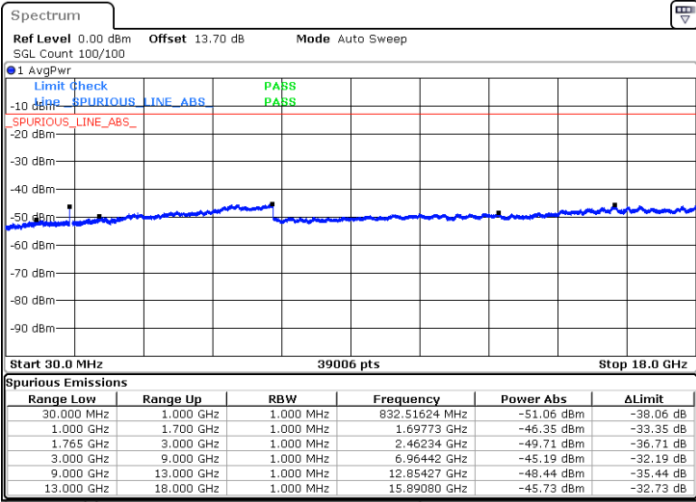
Date: 1.JUL.2022 09:47:40



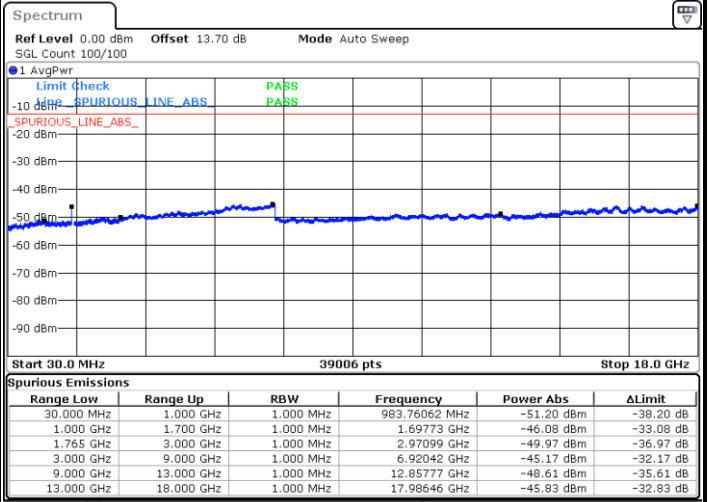
LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



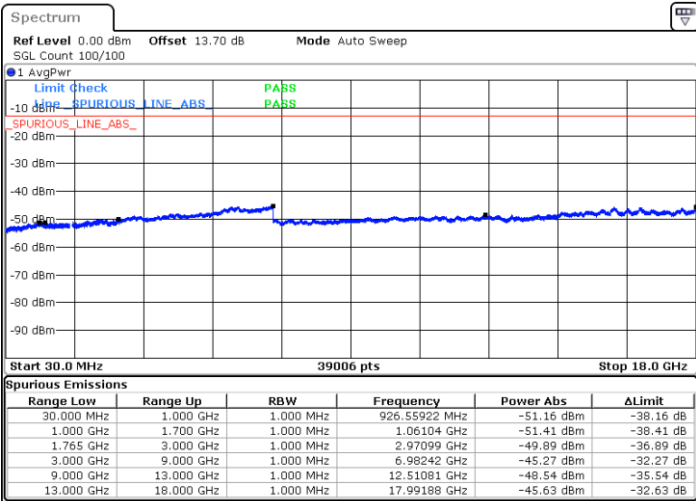
Date: 1.JUL.2022 09:50:56



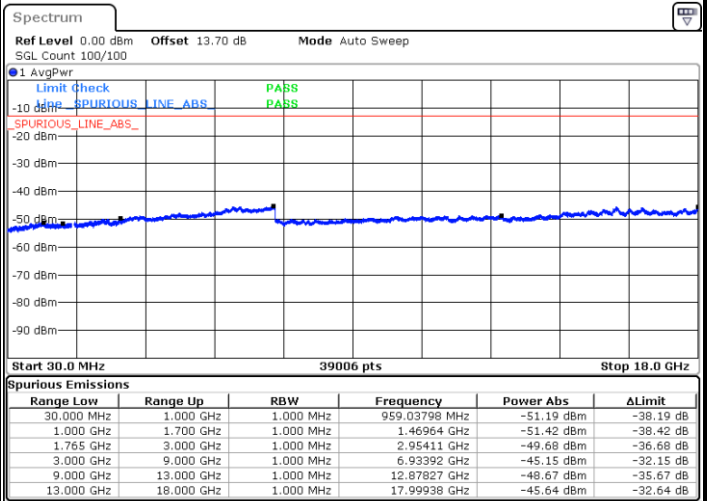
Date: 1.JUL.2022 09:52:02

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 1.JUL.2022 09:55:31



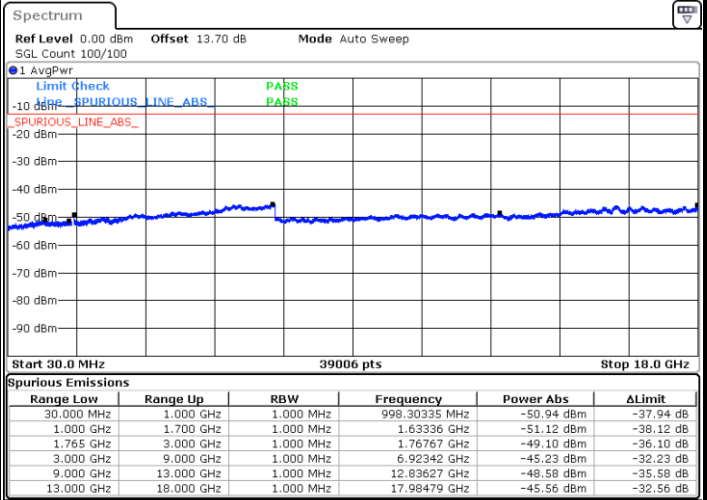
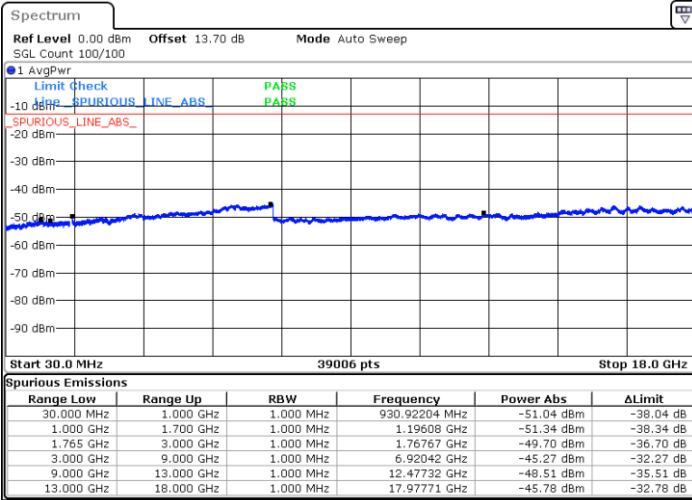
Date: 1.JUL.2022 09:54:12



LTE Band 4 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



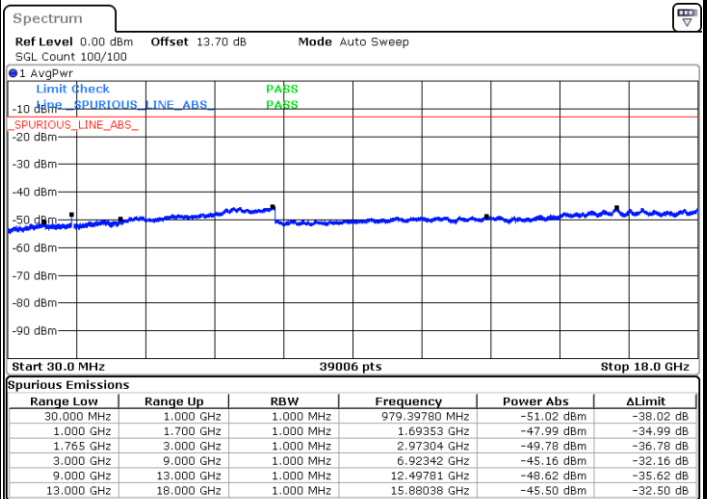
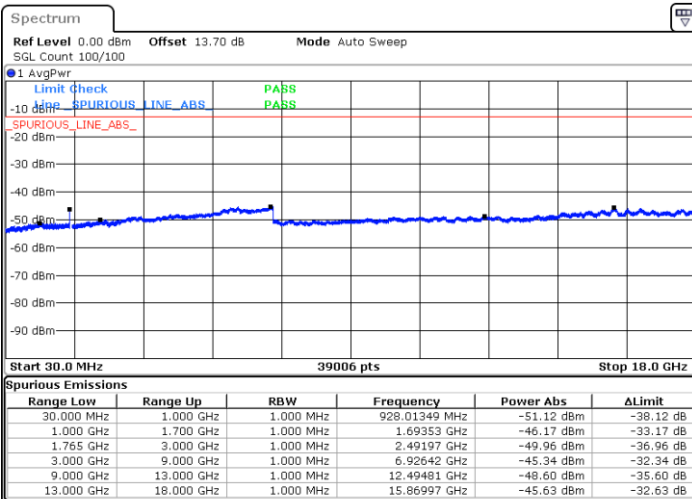
Date: 1.JUL.2022 09:56:57

Date: 1.JUL.2022 09:58:10

LTE Band 4 / 20MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



Date: 1.JUL.2022 10:00:40

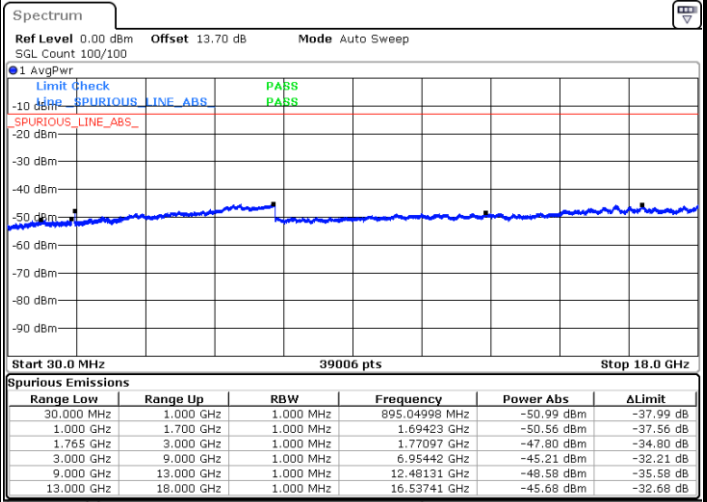
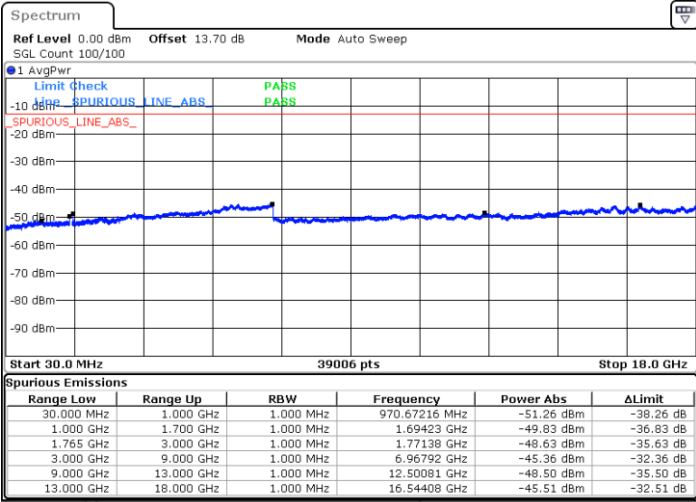
Date: 1.JUL.2022 09:59:39



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

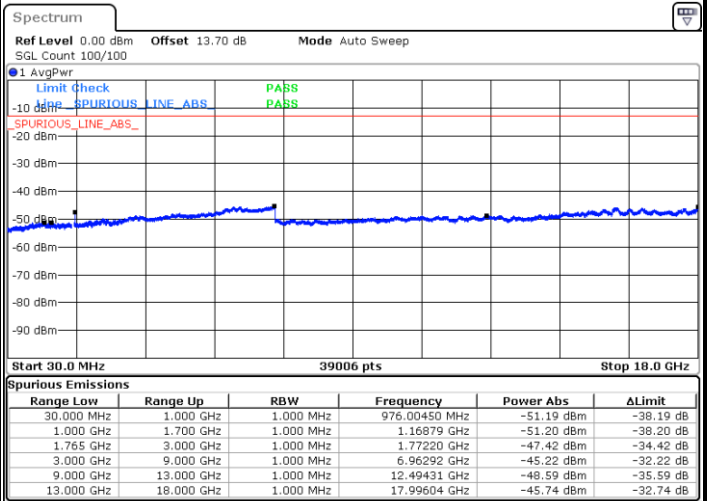
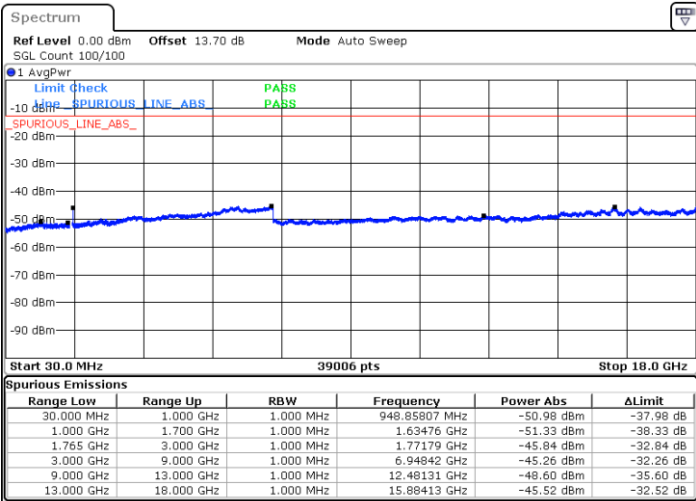


Date: 1.JUL.2022 10:01:48

Date: 1.JUL.2022 10:02:56

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 1.JUL.2022 10:08:26

Date: 1.JUL.2022 10:09:44



Frequency Stability

Test Conditions		LTE Band 4 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
70	Normal Voltage	0.0010	PASS
60	Normal Voltage	0.0009	
50	Normal Voltage	0.0006	
40	Normal Voltage	0.0006	
30	Normal Voltage	0.0004	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0002	
0	Normal Voltage	0.0001	
-10	Normal Voltage	0.0009	
-20	Normal Voltage	0.0010	
-30	Normal Voltage	0.0008	
20	Maximum Voltage	0.0006	
20	Normal Voltage	0.0000	
20	Minimum Voltage	0.0010	

Note:

1. Normal Voltage =3.7 V. ; Minimum Voltage =3.4 V. ; Maximum Voltage =4.2V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 5

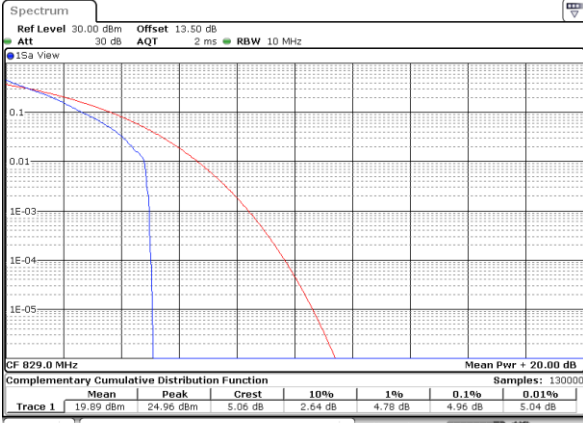
Peak-to-Average Ratio

Mode	LTE Band 5 / 10MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.96	5.39	5.62	6.17	PASS
Middle CH	5.04	5.39	5.74	6.29	
Highest CH	5.01	5.39	5.88	6.26	



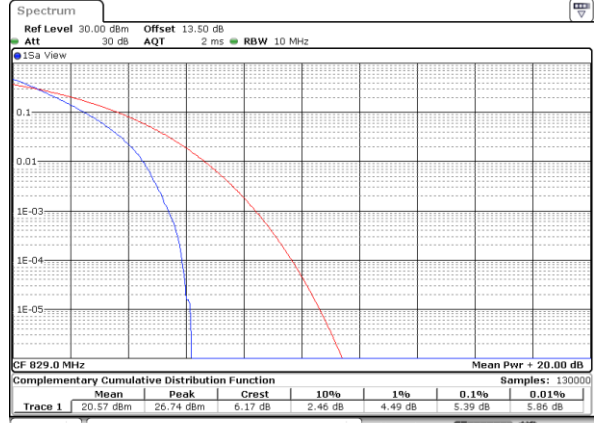
LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 30 JUN 2022 14:19:43

Lowest Channel / Full RB



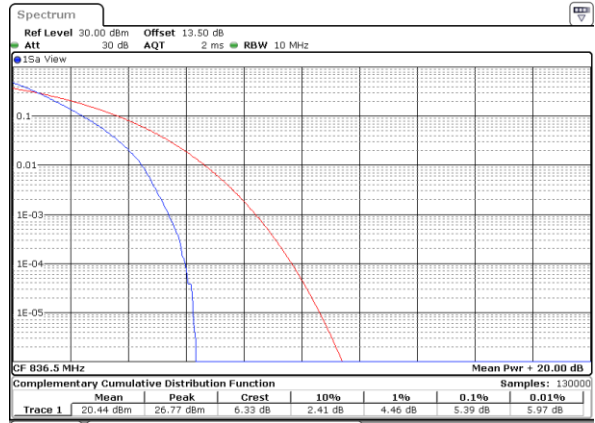
Date: 30 JUN 2022 14:20:09

Middle Channel / 1RB



Date: 30 JUN 2022 14:20:05

Middle Channel / Full RB



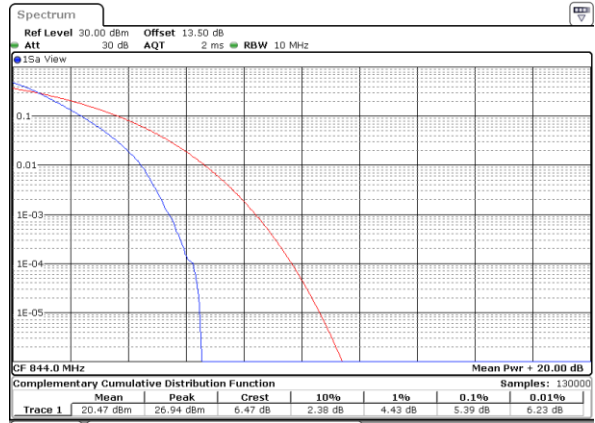
Date: 30 JUN 2022 14:21:00

Highest Channel / 1RB



Date: 30 JUN 2022 14:21:25

Highest Channel / Full RB

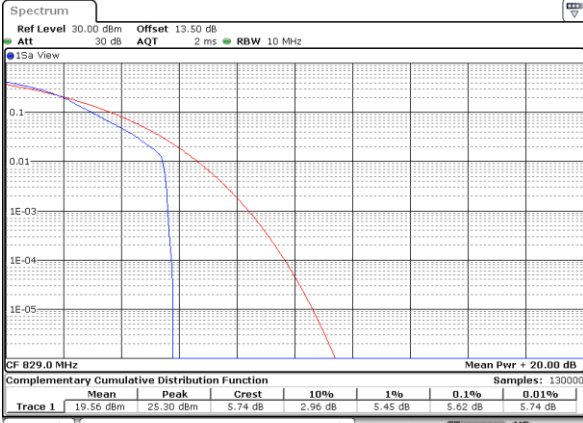


Date: 30 JUN 2022 14:21:51



LTE Band 5 / 10MHz / 16QAM

Lowest Channel / 1RB



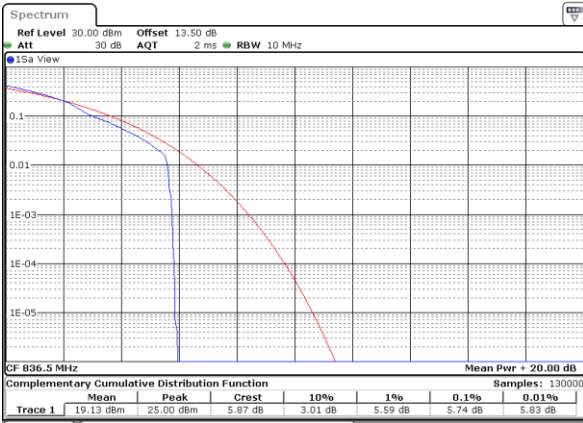
Date: 30 JUN 2022 14:17:10

Lowest Channel / Full RB



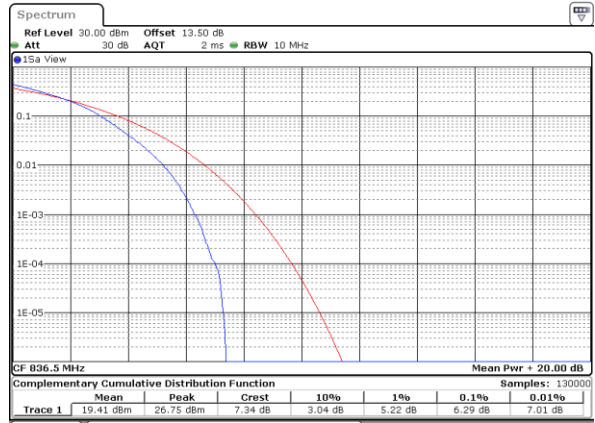
Date: 30 JUN 2022 14:17:36

Middle Channel / 1RB



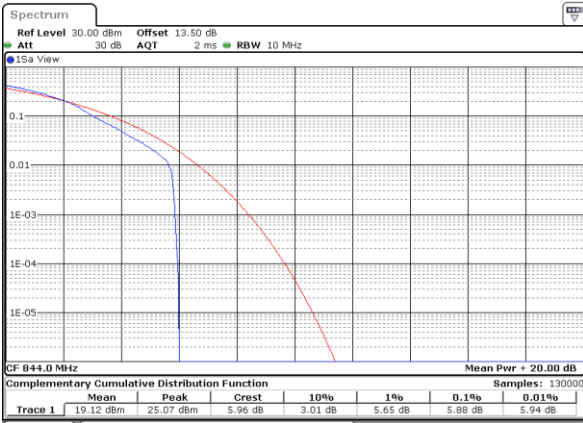
Date: 30 JUN 2022 14:18:02

Middle Channel / Full RB



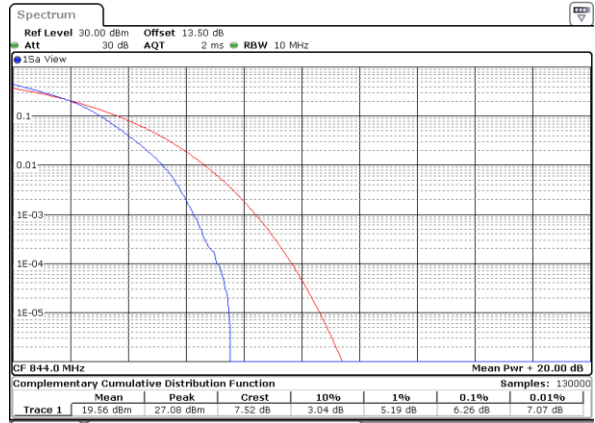
Date: 30 JUN 2022 14:18:27

Highest Channel / 1RB



Date: 30 JUN 2022 14:18:52

Highest Channel / Full RB



Date: 30 JUN 2022 14:19:18



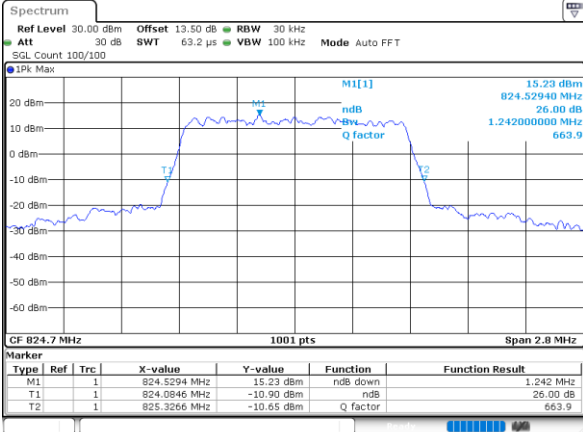
26dB Bandwidth

Mode	LTE Band 5 : 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	1.24	1.24	3.00	3.06	4.90	4.91	9.71	9.87	-	-	-	-
Middle CH	1.22	1.24	2.98	3.02	4.93	4.88	9.81	9.77	-	-	-	-
Highest CH	1.24	1.23	3.01	3.02	4.91	4.93	9.79	9.73	-	-	-	-



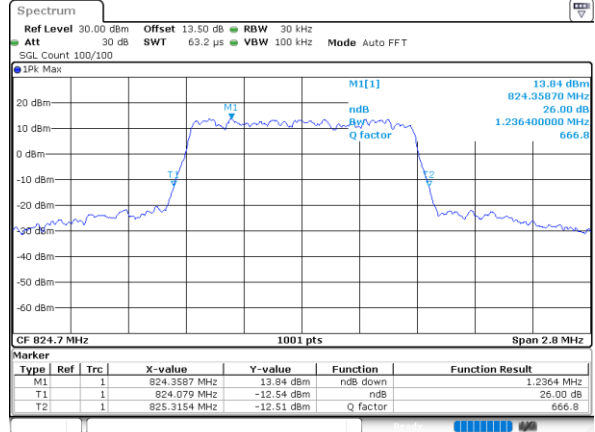
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



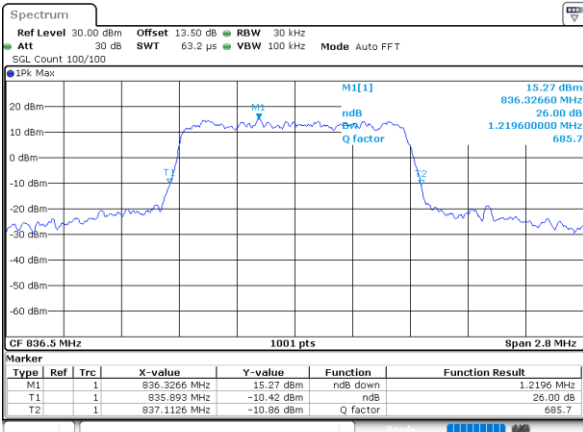
Date: 30 JUN 2022 15:13:51

Lowest Channel / 1.4MHz / 16QAM



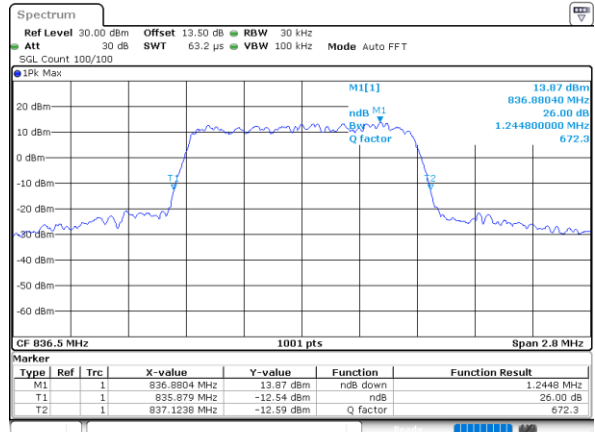
Date: 30 JUN 2022 12:11:00

Middle Channel / 1.4MHz / QPSK



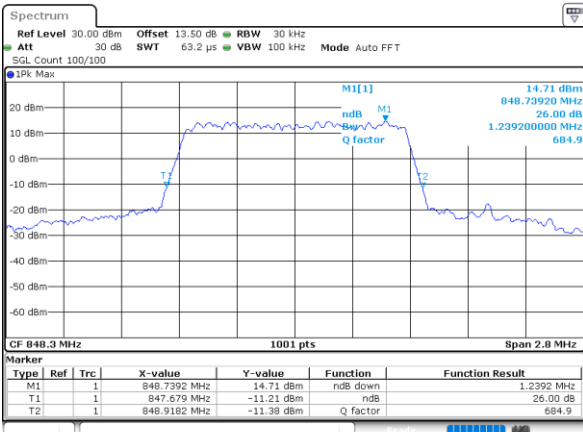
Date: 30 JUN 2022 14:03:45

Middle Channel / 1.4MHz / 16QAM



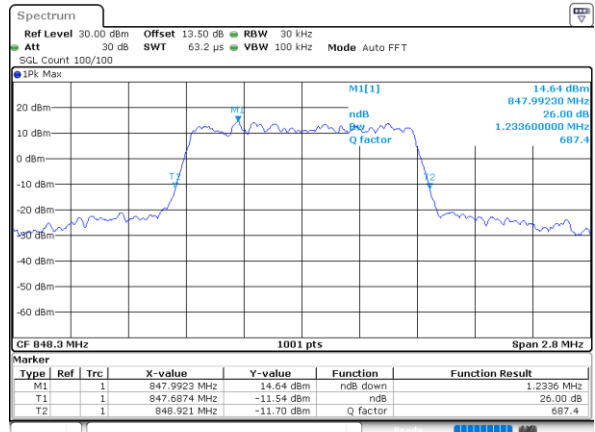
Date: 30 JUN 2022 14:04:08

Highest Channel / 1.4MHz / QPSK



Date: 30 JUN 2022 14:07:04

Highest Channel / 1.4MHz / 16QAM

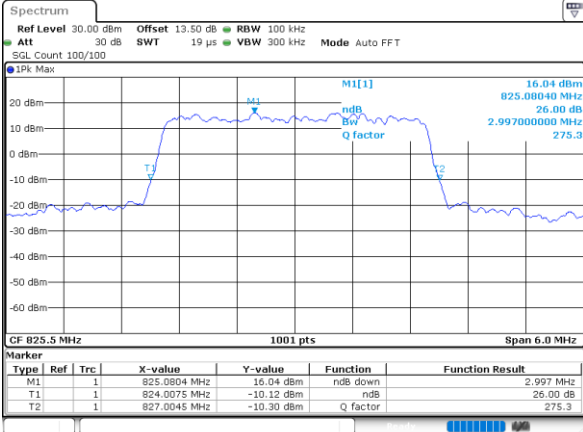


Date: 30 JUN 2022 14:07:28



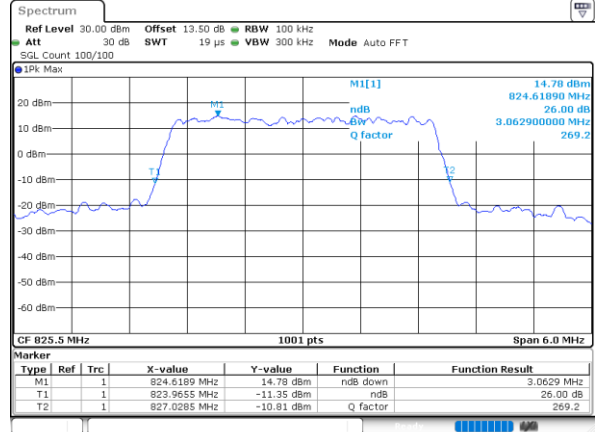
LTE Band 5

Lowest Channel / 3MHz / QPSK



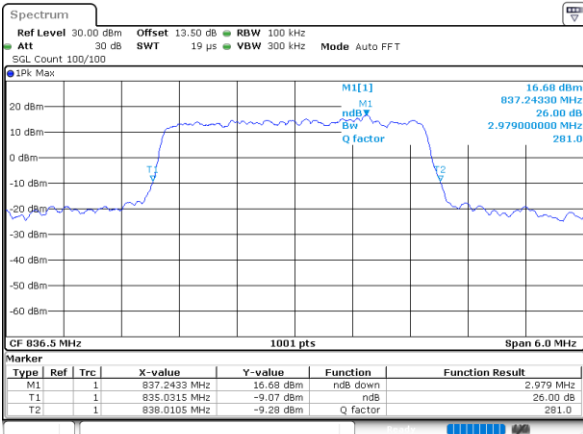
Date: 30 JUN 2022 15:21:42

Lowest Channel / 3MHz / 16QAM



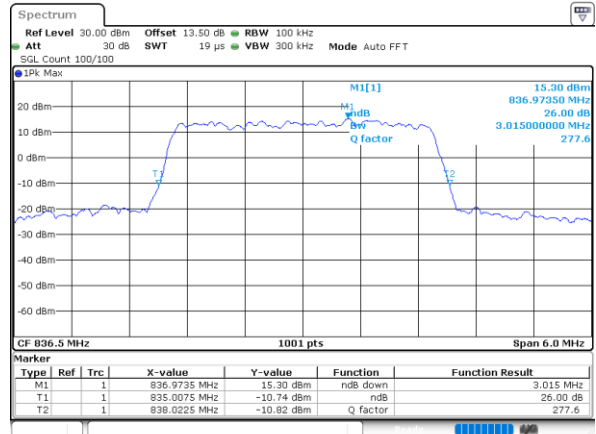
Date: 30 JUN 2022 11:58:43

Middle Channel / 3MHz / QPSK



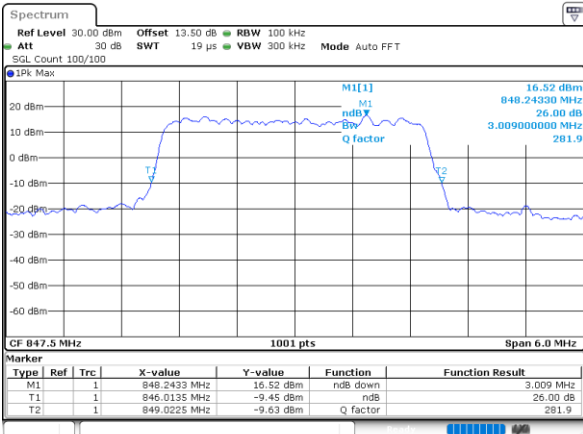
Date: 30 JUN 2022 15:22:44

Middle Channel / 3MHz / 16QAM



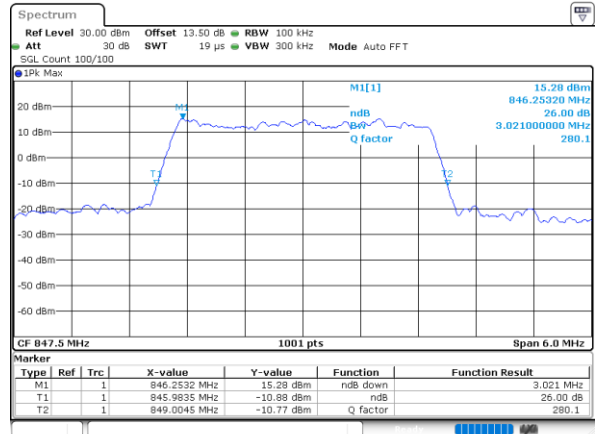
Date: 30 JUN 2022 11:44:01

Highest Channel / 3MHz / QPSK



Date: 30 JUN 2022 15:23:52

Highest Channel / 3MHz / 16QAM

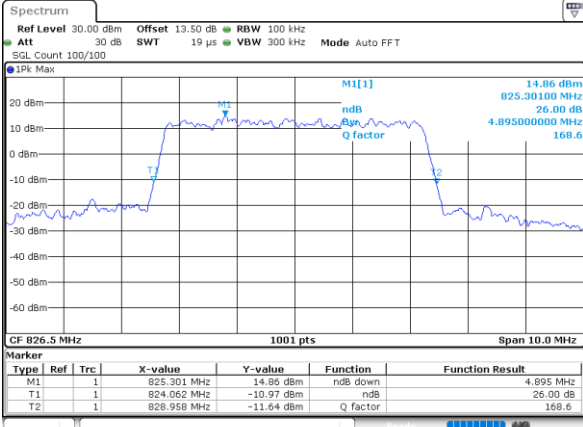


Date: 30 JUN 2022 11:45:32



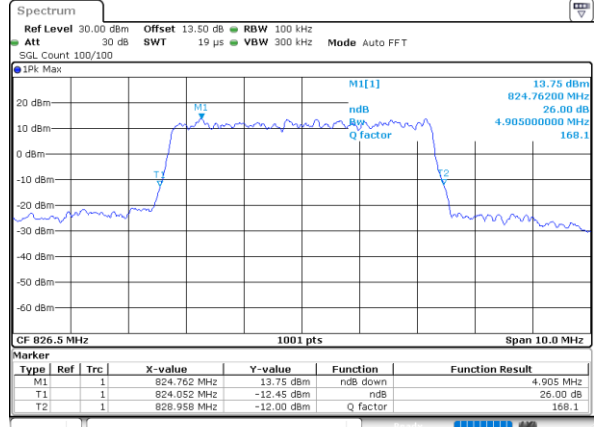
LTE Band 5

Lowest Channel / 5MHz / QPSK



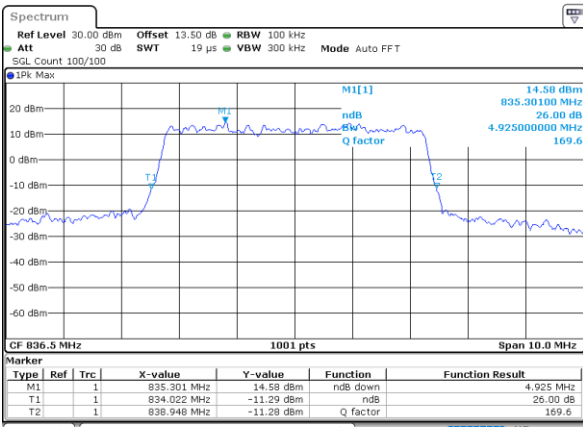
Date: 30 JUN 2022 15:25:09

Lowest Channel / 5MHz / 16QAM



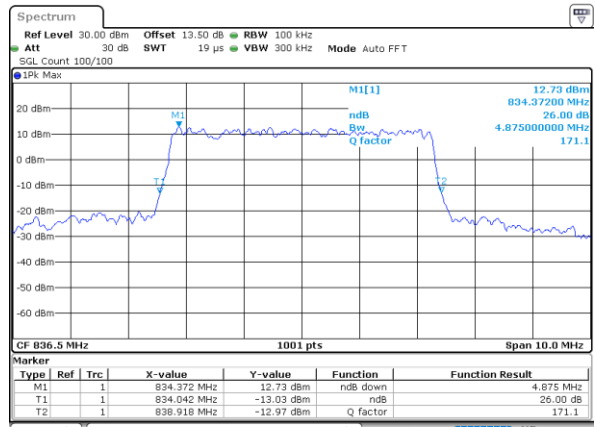
Date: 30 JUN 2022 11:50:49

Middle Channel / 5MHz / QPSK



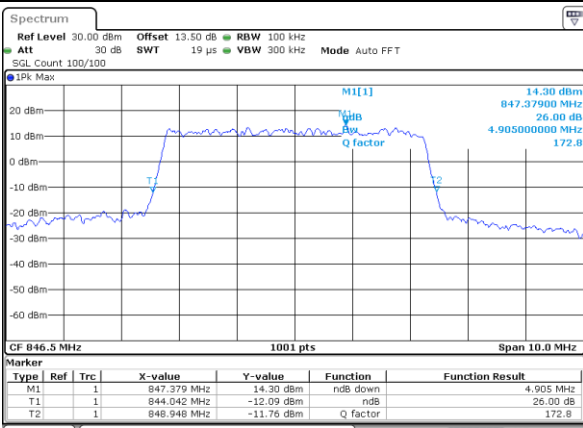
Date: 30 JUN 2022 15:26:28

Middle Channel / 5MHz / 16QAM



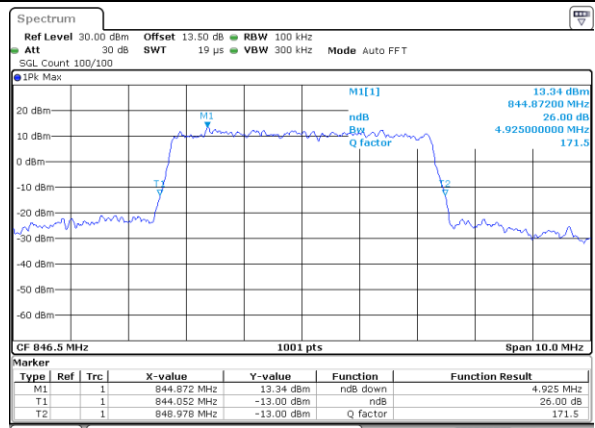
Date: 30 JUN 2022 11:56:06

Highest Channel / 5MHz / QPSK



Date: 30 JUN 2022 15:28:06

Highest Channel / 5MHz / 16QAM

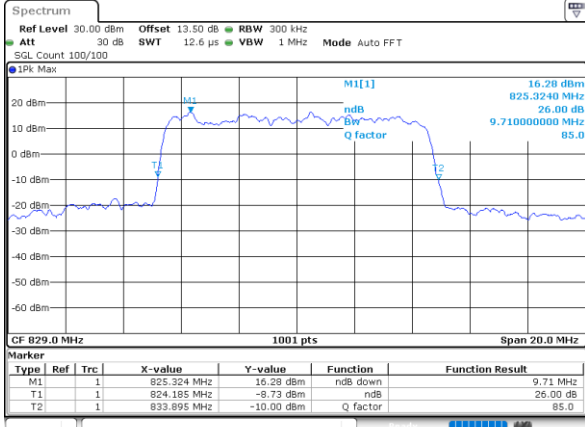


Date: 30 JUN 2022 11:57:37



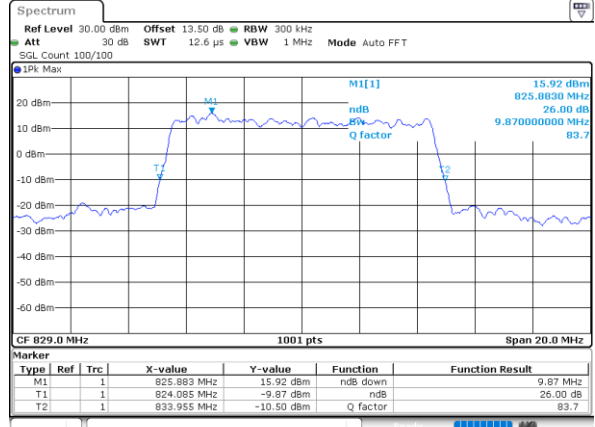
LTE Band 5

Lowest Channel / 10MHz / QPSK



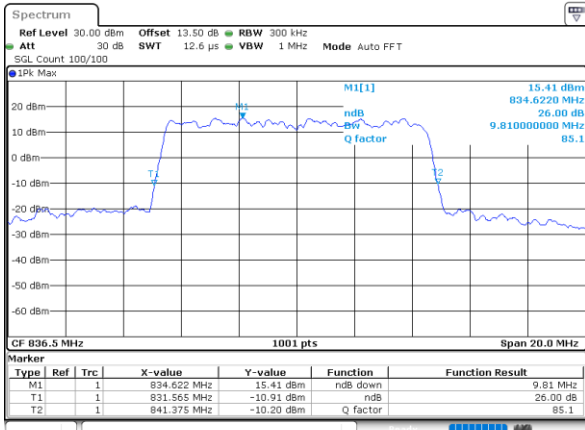
Date: 30 JUN 2022 15:30:17

Lowest Channel / 10MHz / 16QAM



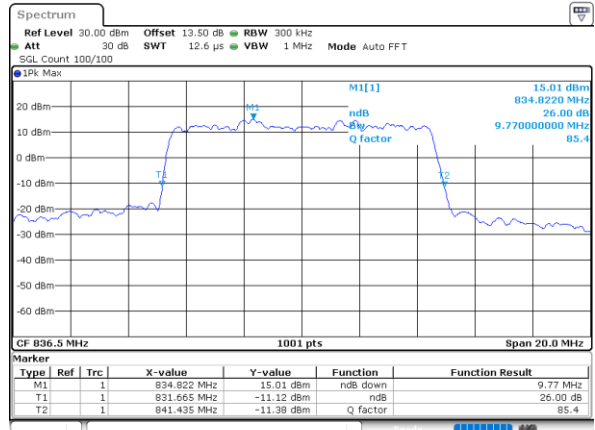
Date: 30 JUN 2022 12:10:55

Middle Channel / 10MHz / QPSK



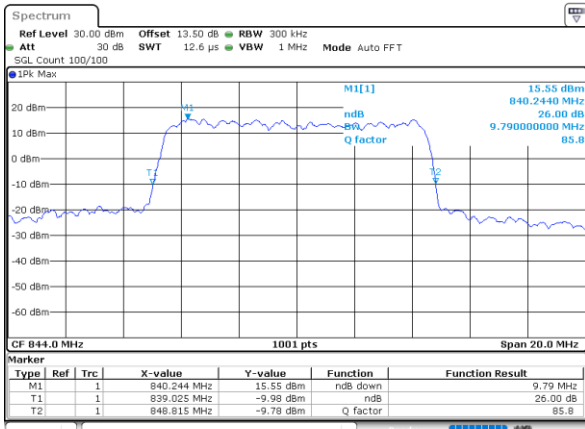
Date: 30 JUN 2022 15:32:26

Middle Channel / 10MHz / 16QAM



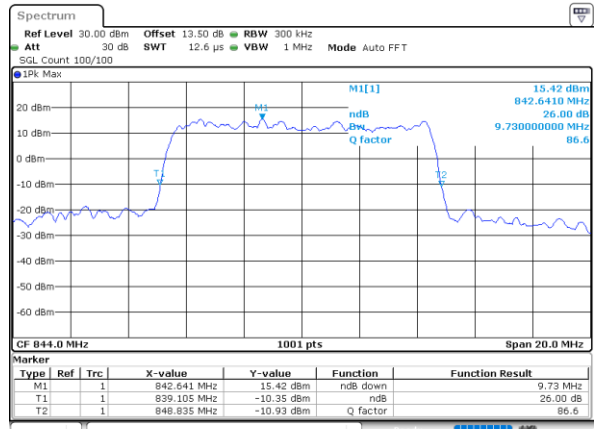
Date: 30 JUN 2022 12:10:12

Highest Channel / 10MHz / QPSK



Date: 30 JUN 2022 15:33:49

Highest Channel / 10MHz / 16QAM



Date: 30 JUN 2022 12:10:43



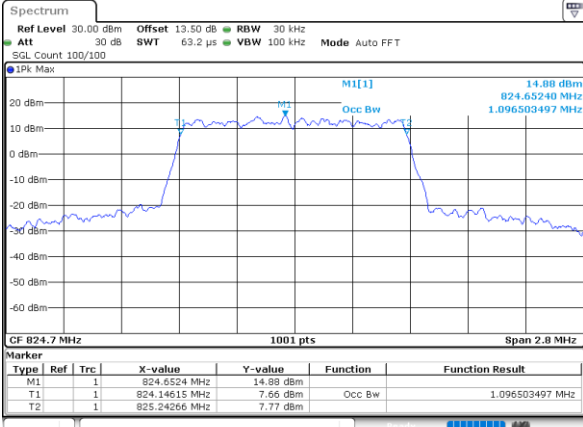
Occupied Bandwidth

Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW												
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.73	2.73	4.47	4.48	9.01	9.03	-	-	-	-
Middle CH	1.09	1.09	2.73	2.71	4.49	4.51	9.03	9.01	-	-	-	-
Highest CH	1.09	1.10	2.71	2.73	4.50	4.48	9.05	9.03	-	-	-	-



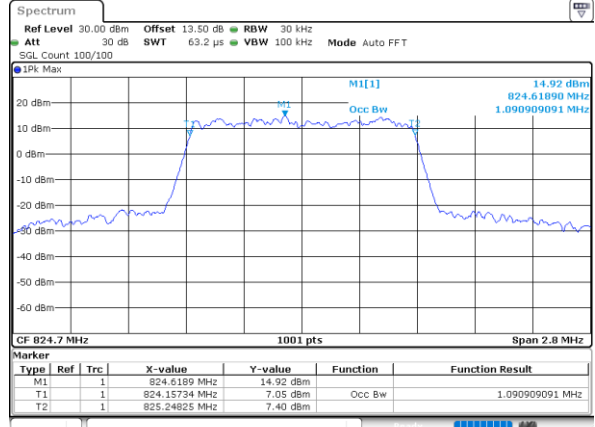
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



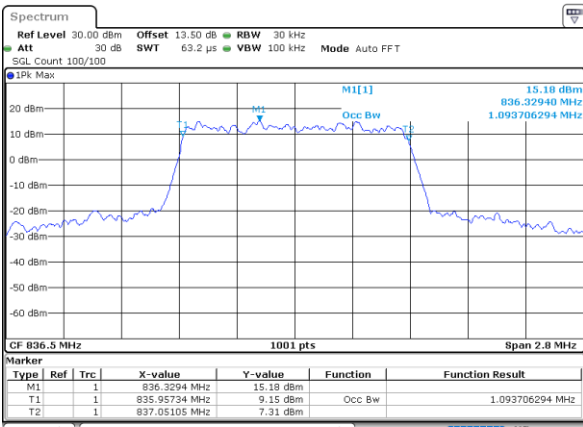
Date: 30 JUN 2022 15:18:07

Lowest Channel / 1.4MHz / 16QAM



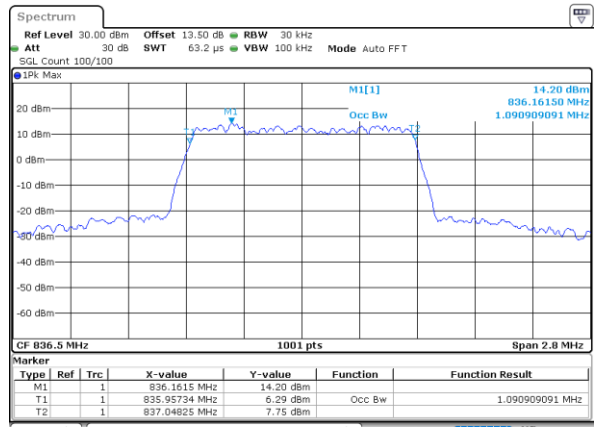
Date: 30 JUN 2022 12:14:46

Middle Channel / 1.4MHz / QPSK



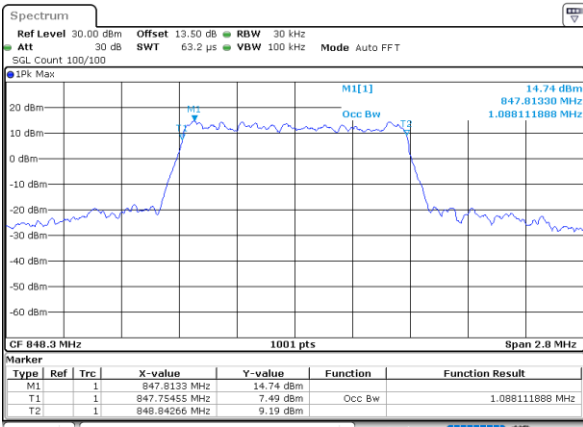
Date: 30 JUN 2022 14:02:58

Middle Channel / 1.4MHz / 16QAM



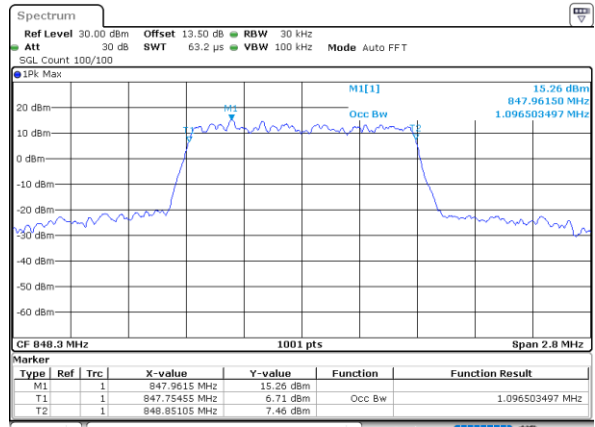
Date: 30 JUN 2022 14:03:21

Highest Channel / 1.4MHz / QPSK



Date: 30 JUN 2022 14:06:16

Highest Channel / 1.4MHz / 16QAM

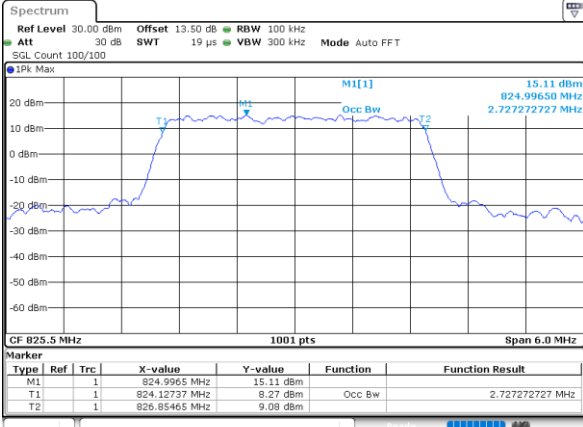


Date: 30 JUN 2022 14:06:40



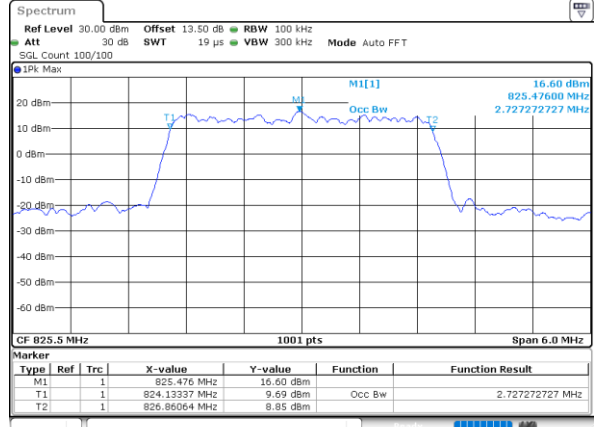
LTE Band 5

Lowest Channel / 3MHz / QPSK



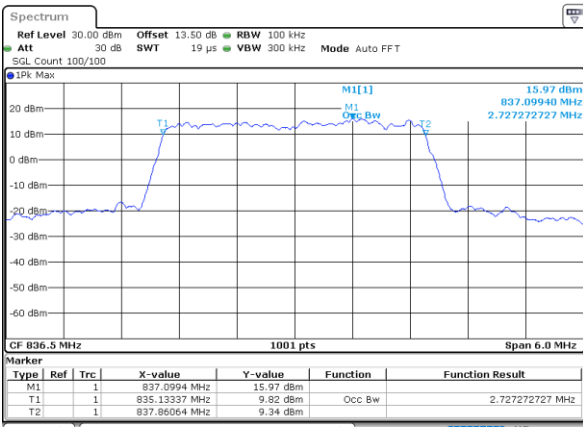
Date: 30 JUN 2022 15:21:10

Lowest Channel / 3MHz / 16QAM



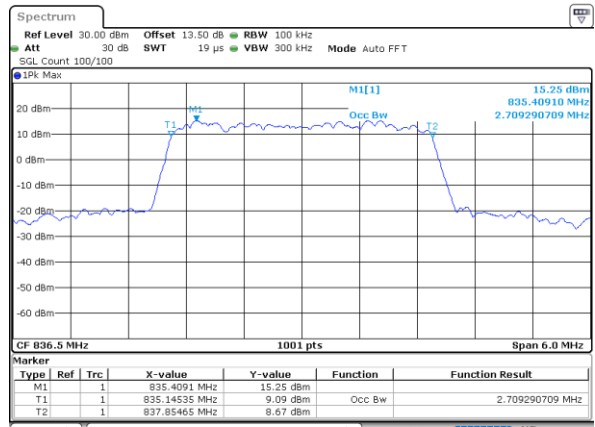
Date: 30 JUN 2022 11:38:29

Middle Channel / 3MHz / QPSK



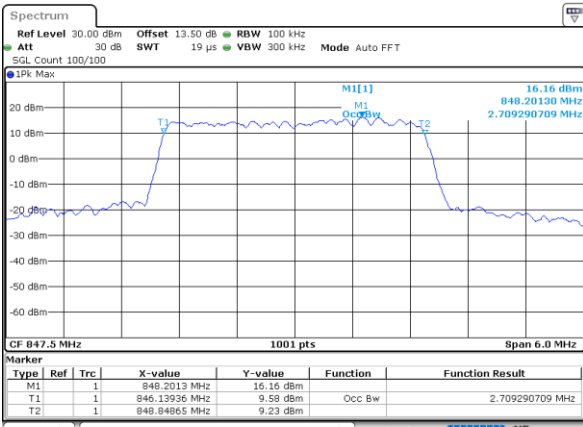
Date: 30 JUN 2022 15:22:16

Middle Channel / 3MHz / 16QAM



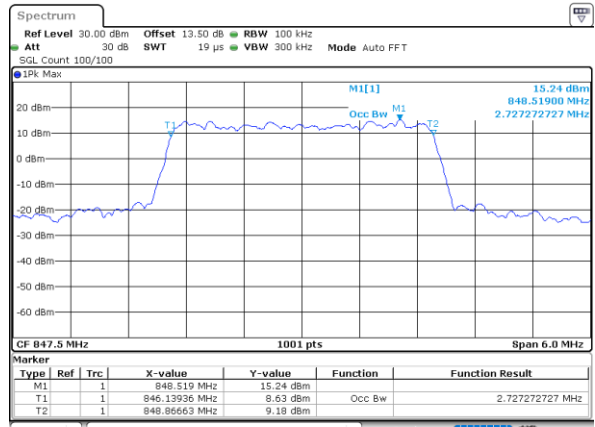
Date: 30 JUN 2022 11:43:46

Highest Channel / 3MHz / QPSK



Date: 30 JUN 2022 15:23:22

Highest Channel / 3MHz / 16QAM

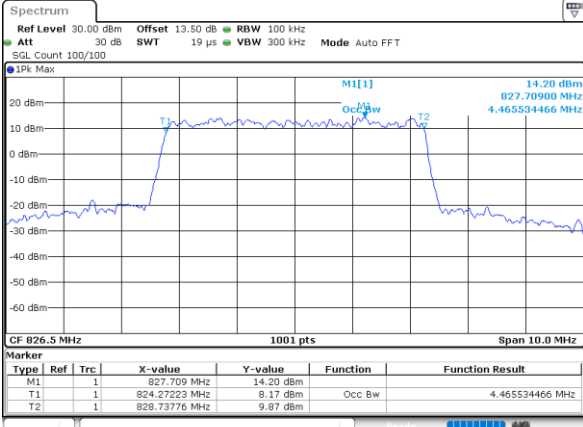


Date: 30 JUN 2022 11:45:17



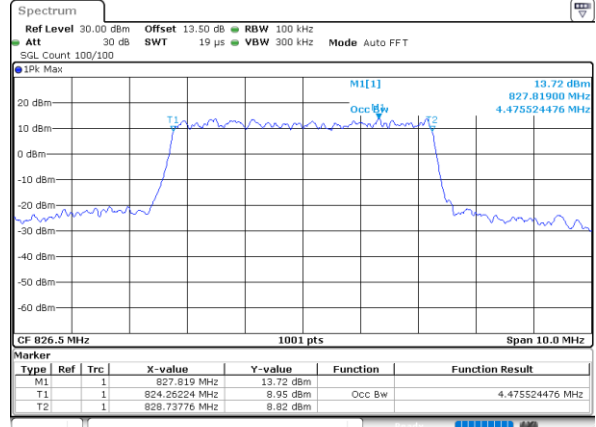
LTE Band 5

Lowest Channel / 5MHz / QPSK



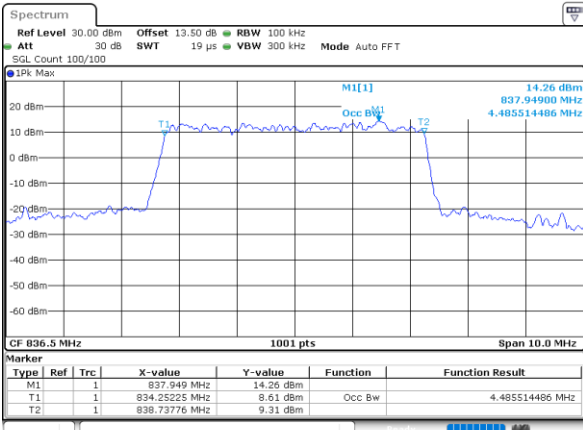
Date: 30 JUN 2022 15:24:41

Lowest Channel / 5MHz / 16QAM



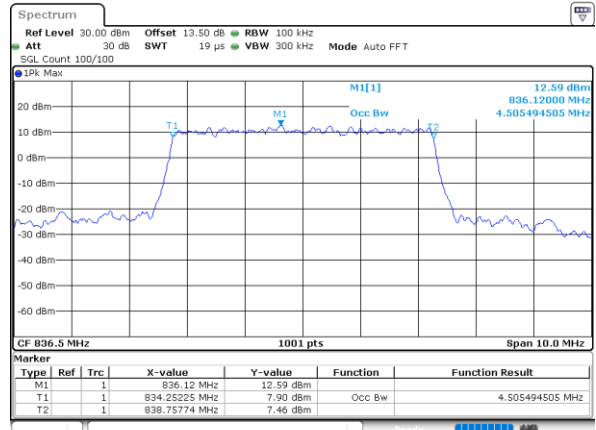
Date: 30 JUN 2022 11:50:34

Middle Channel / 5MHz / QPSK



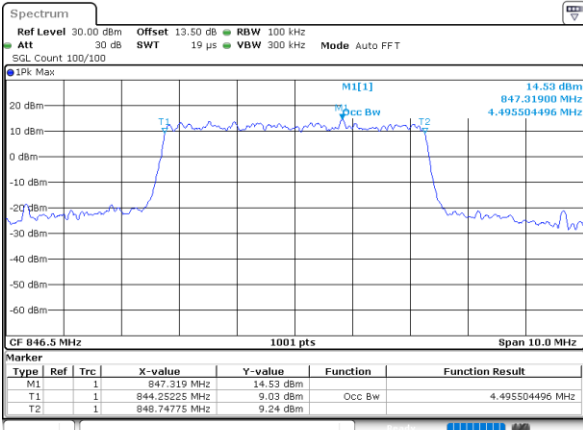
Date: 30 JUN 2022 15:25:45

Middle Channel / 5MHz / 16QAM



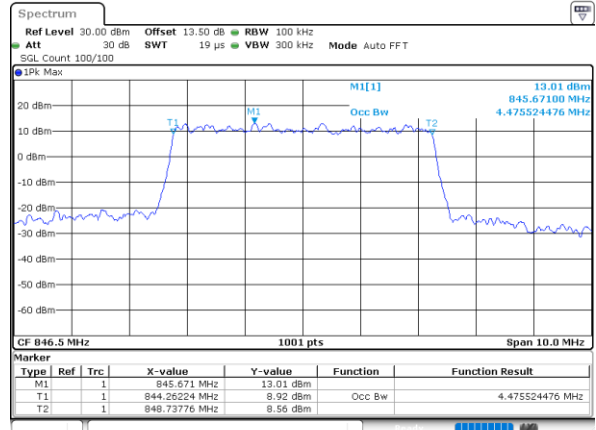
Date: 30 JUN 2022 11:55:52

Highest Channel / 5MHz / QPSK



Date: 30 JUN 2022 15:27:19

Highest Channel / 5MHz / 16QAM

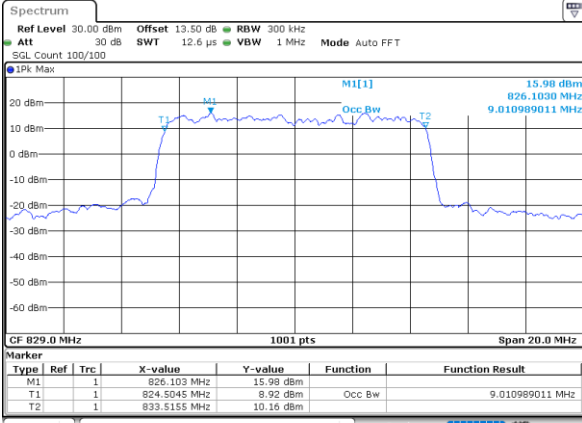


Date: 30 JUN 2022 11:57:23



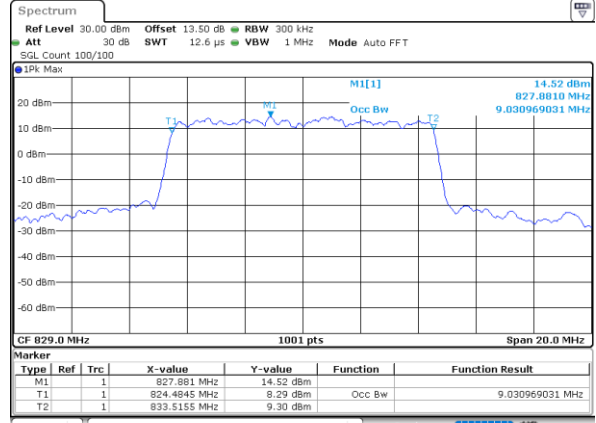
LTE Band 5

Lowest Channel / 10MHz / QPSK



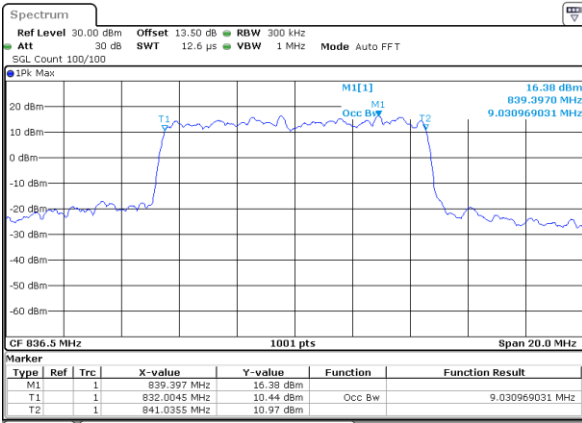
Date: 30 JUN 2022 15:29:18

Lowest Channel / 10MHz / 16QAM



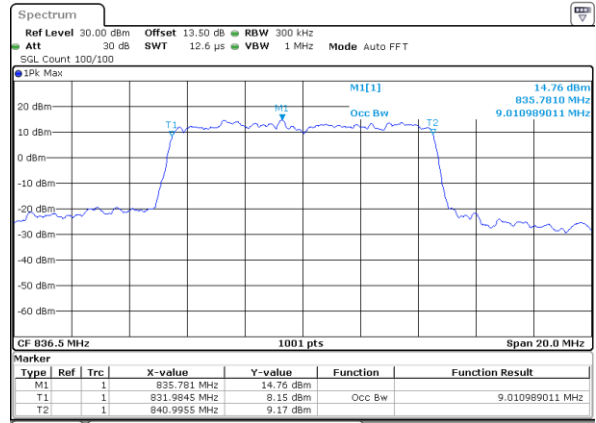
Date: 30 JUN 2022 12:10:40

Middle Channel / 10MHz / QPSK



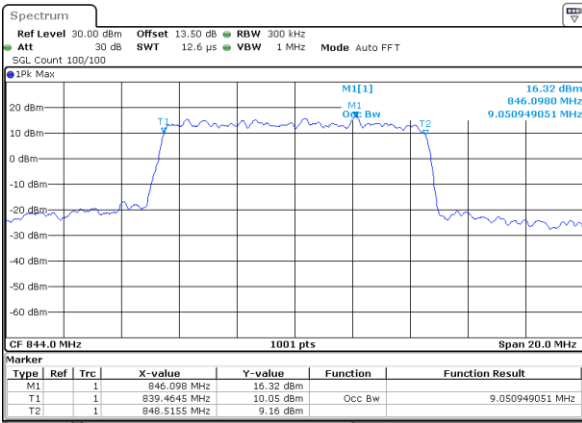
Date: 30 JUN 2022 15:31:29

Middle Channel / 10MHz / 16QAM



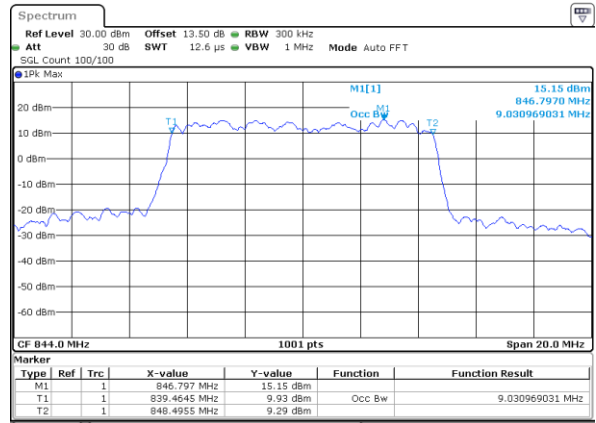
Date: 30 JUN 2022 12:10:57

Highest Channel / 10MHz / QPSK



Date: 30 JUN 2022 15:33:00

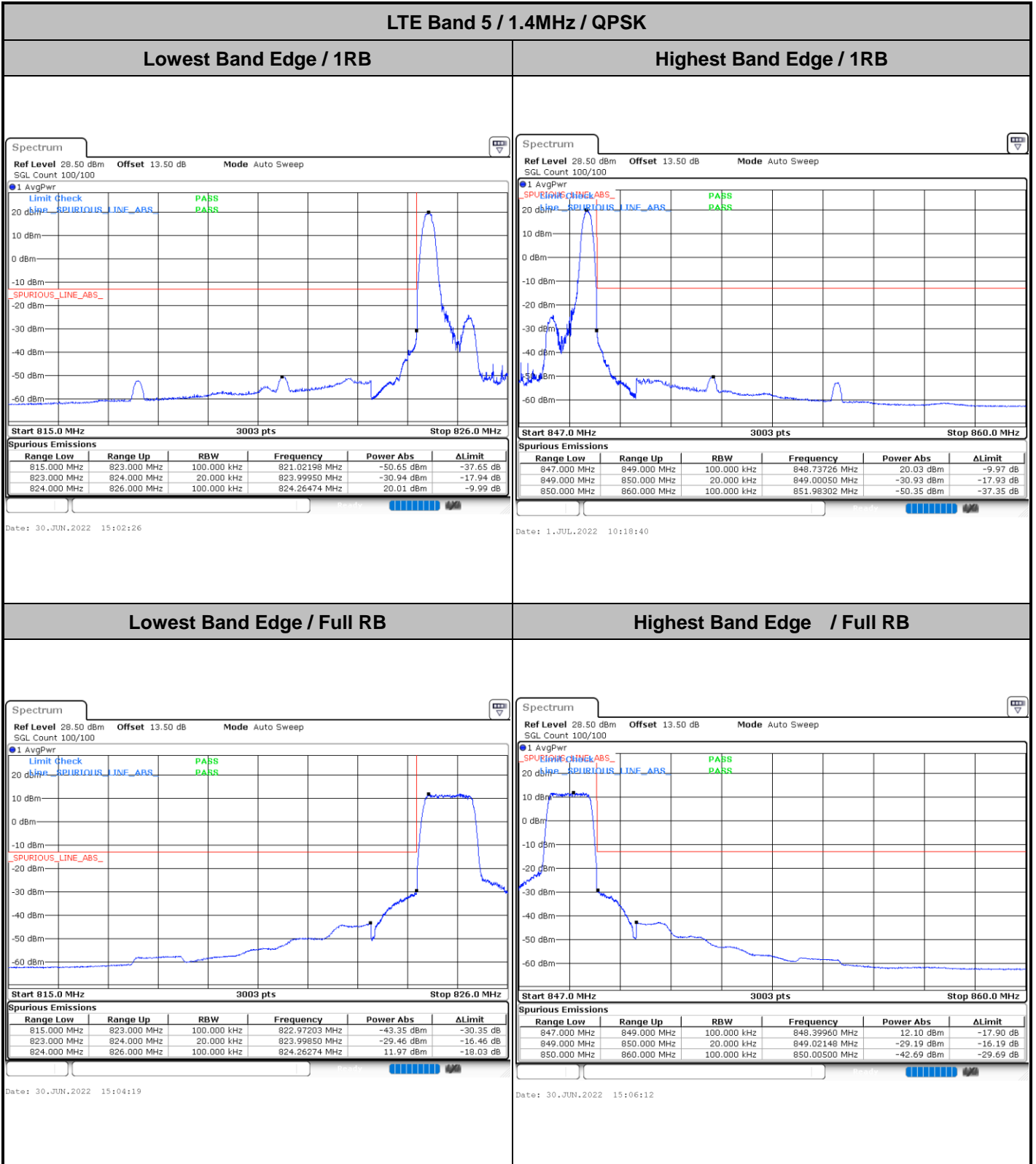
Highest Channel / 10MHz / 16QAM



Date: 30 JUN 2022 12:10:28



Conducted Band Edge





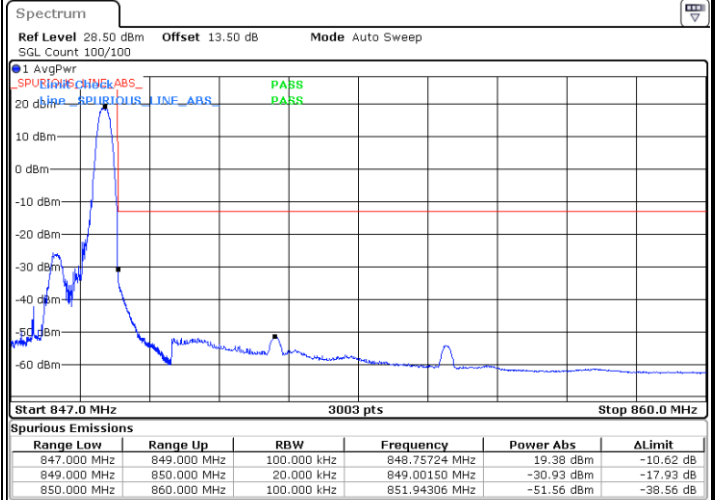
LTE Band 5 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



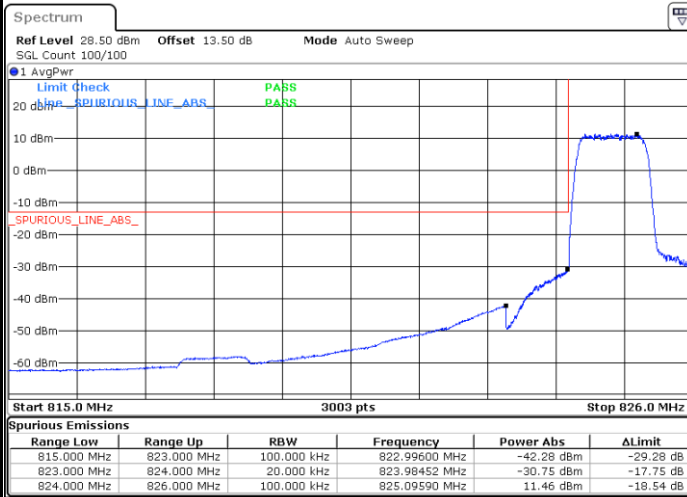
Date: 30 JUN.2022 15:16:47

Highest Band Edge / 1 RB



Date: 30 JUN.2022 14:14:58

Lowest Band Edge / Full RB



Date: 30 JUN.2022 12:16:44

Highest Band Edge / Full RB

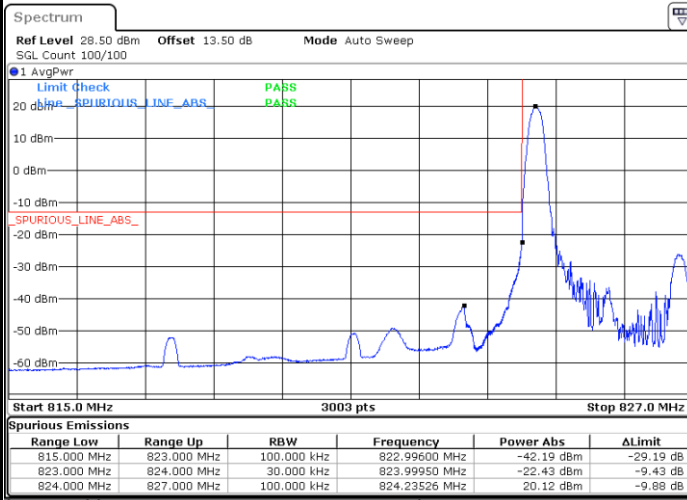


Date: 30 JUN.2022 14:11:12



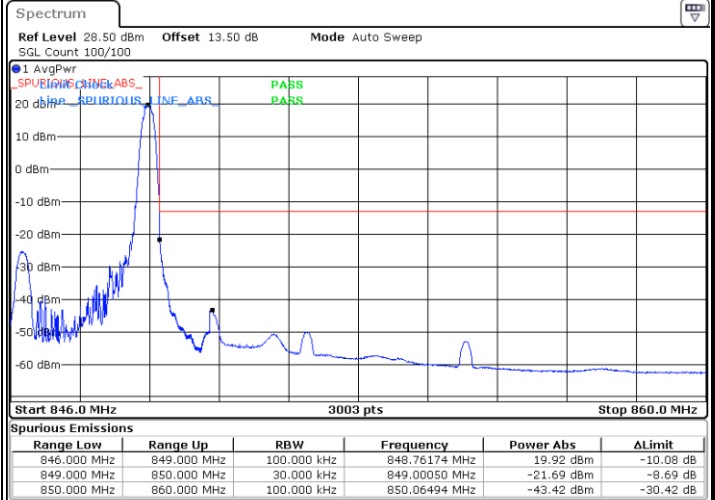
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



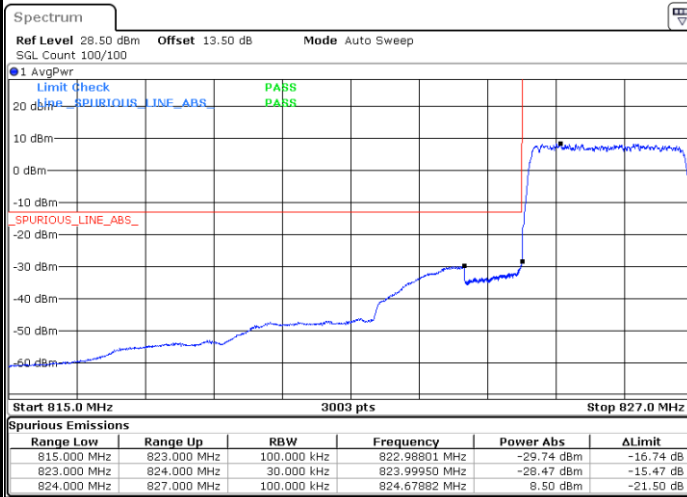
Date: 30 JUN.2022 14:29:13

Highest Band Edge / 1 RB



Date: 30 JUN.2022 14:32:59

Lowest Band Edge / Full RB



Date: 30 JUN.2022 14:31:06

Highest Band Edge / Full RB

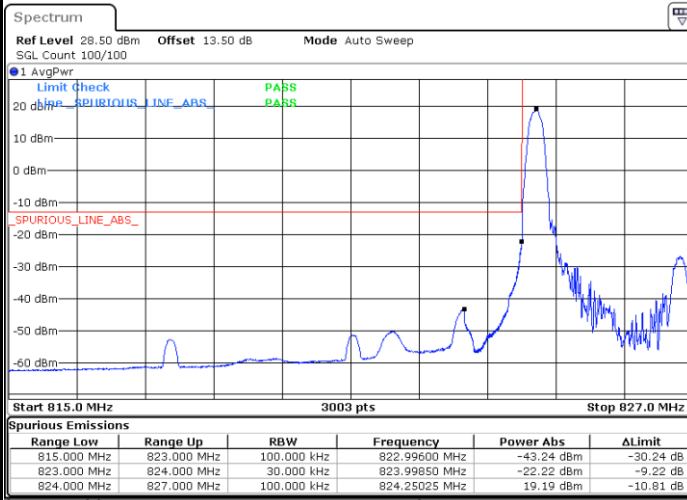


Date: 30 JUN.2022 14:34:52



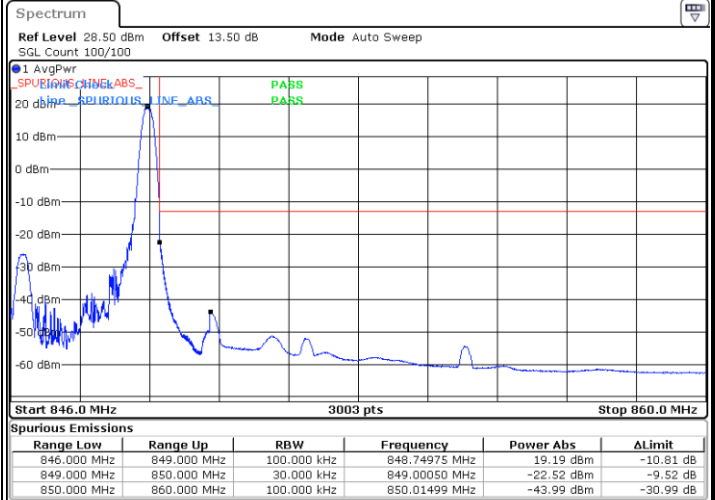
LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



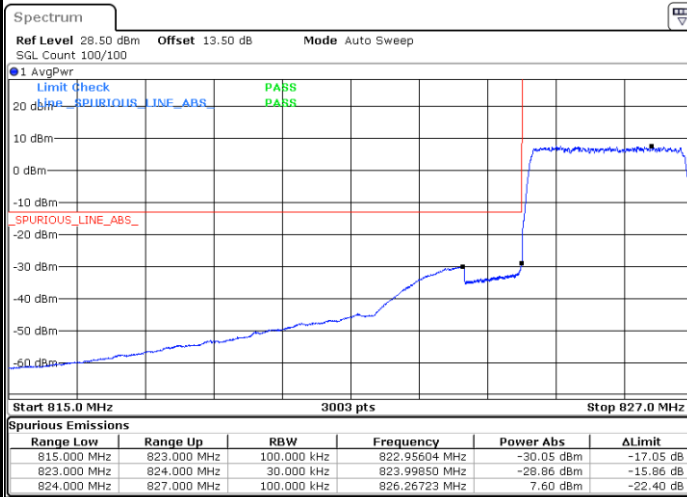
Date: 30 JUN.2022 11:40:35

Highest Band Edge / 1 RB



Date: 30 JUN.2022 11:47:24

Lowest Band Edge / Full RB



Date: 30 JUN.2022 11:42:29

Highest Band Edge / Full RB

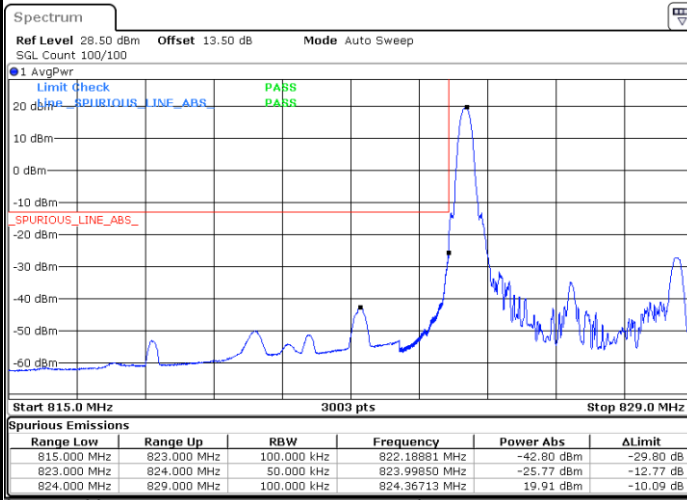


Date: 30 JUN.2022 11:49:17



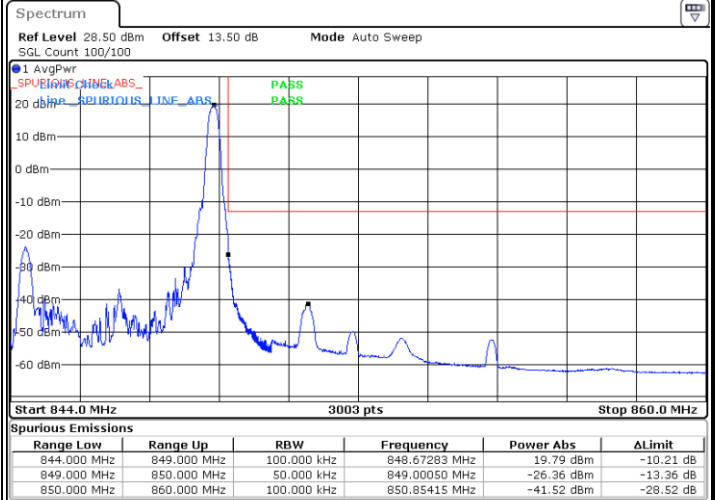
LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



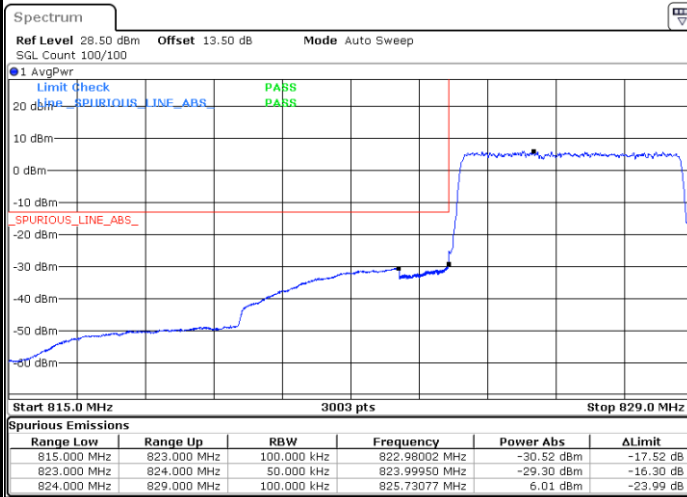
Date: 30 JUN.2022 14:36:45

Highest Band Edge / 1 RB



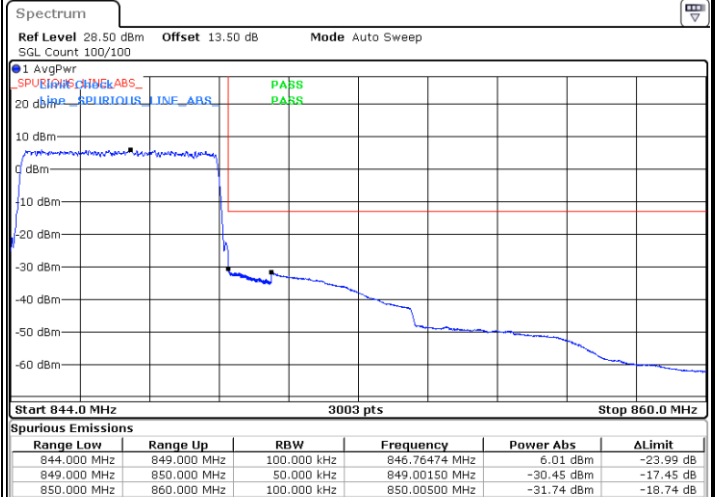
Date: 30 JUN.2022 14:40:30

Lowest Band Edge / Full RB



Date: 30 JUN.2022 14:38:38

Highest Band Edge / Full RB

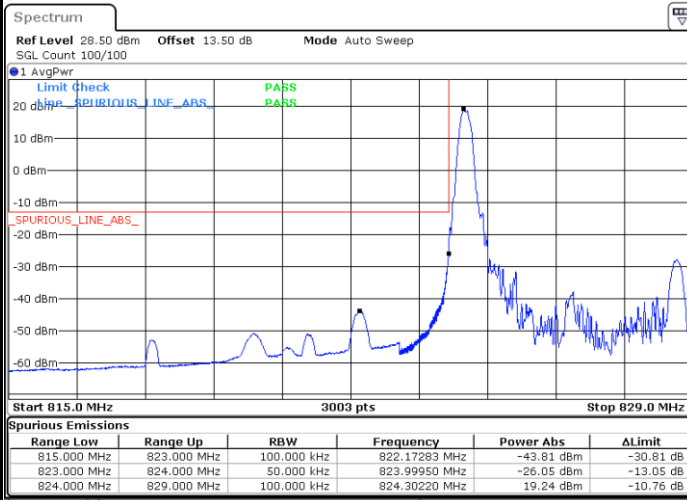


Date: 30 JUN.2022 14:42:23



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



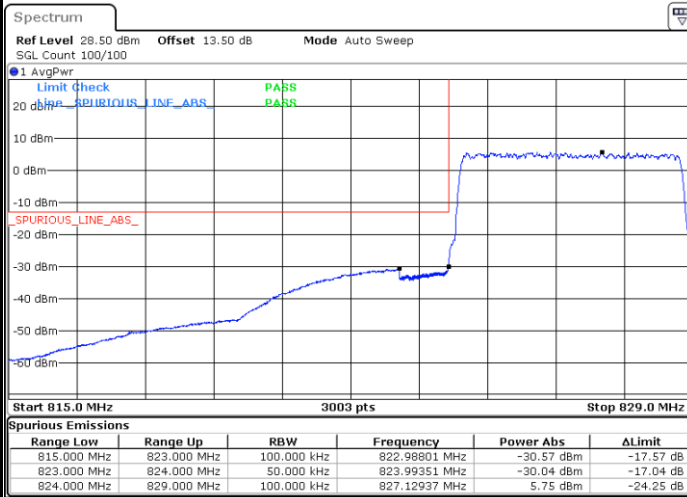
Date: 30 JUN.2022 11:52:42

Highest Band Edge / 1 RB



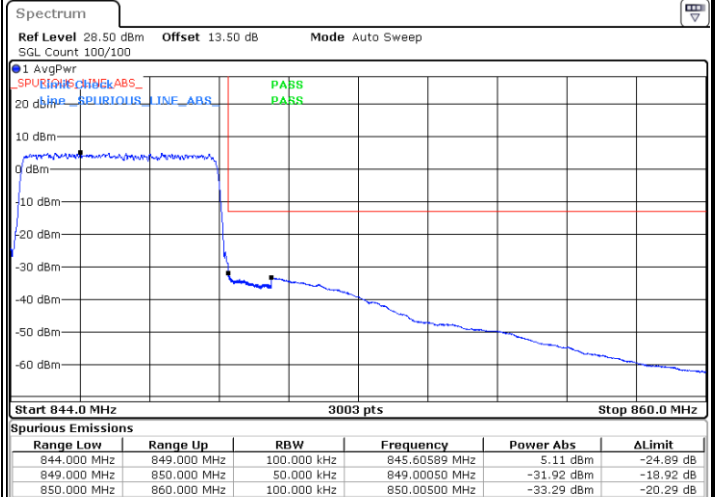
Date: 30 JUN.2022 11:59:30

Lowest Band Edge / Full RB



Date: 30 JUN.2022 11:54:34

Highest Band Edge / Full RB

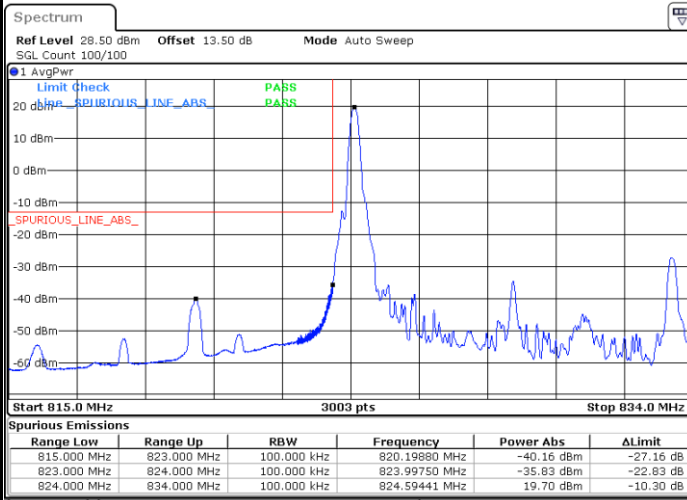


Date: 30 JUN.2022 12:01:22



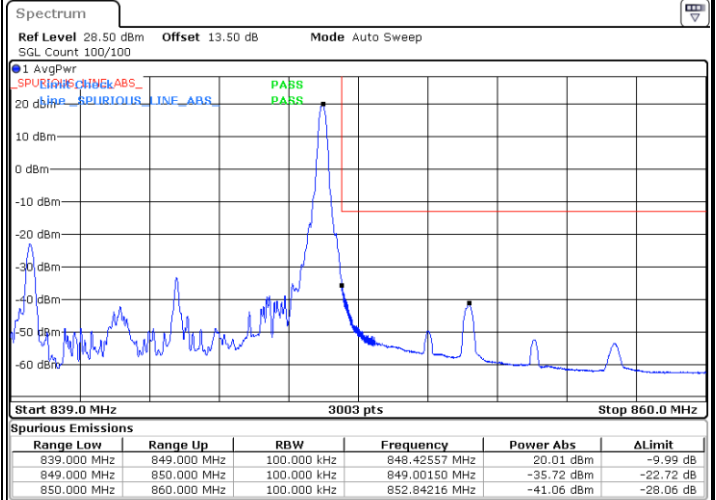
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



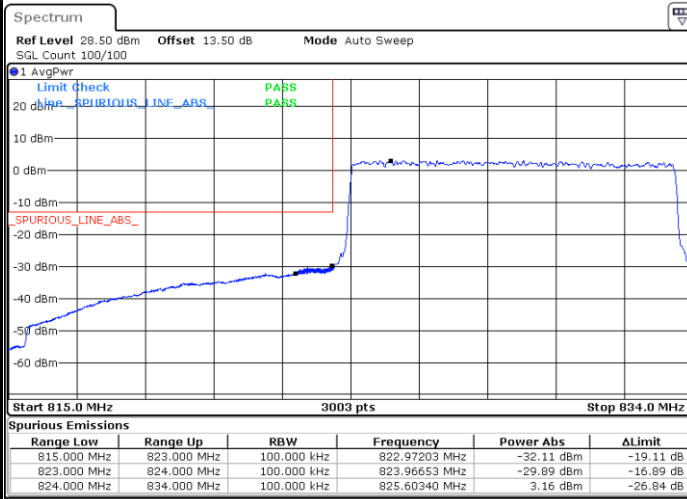
Date: 30 JUN.2022 14:44:17

Highest Band Edge / 1 RB



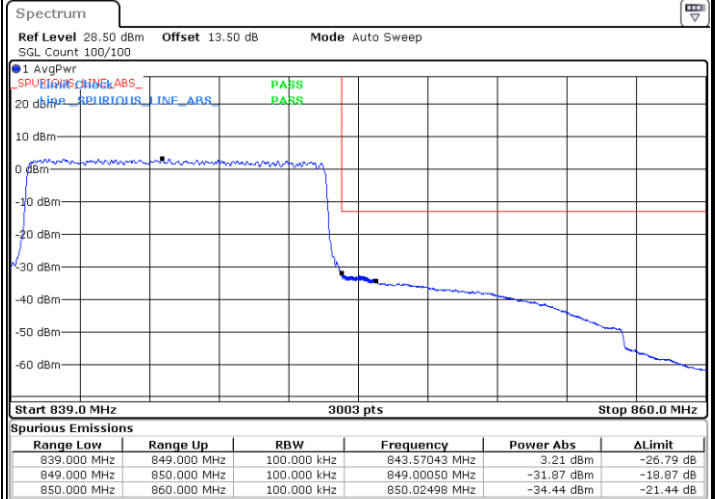
Date: 30 JUN.2022 14:50:44

Lowest Band Edge / Full RB



Date: 30 JUN.2022 14:46:09

Highest Band Edge / Full RB

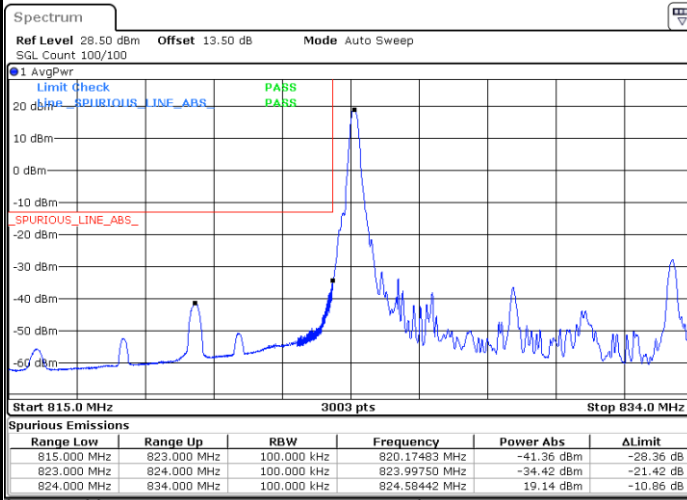


Date: 30 JUN.2022 14:52:37



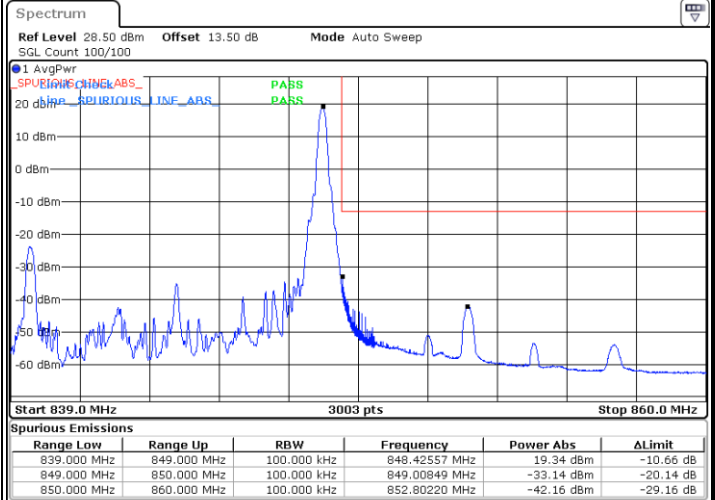
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



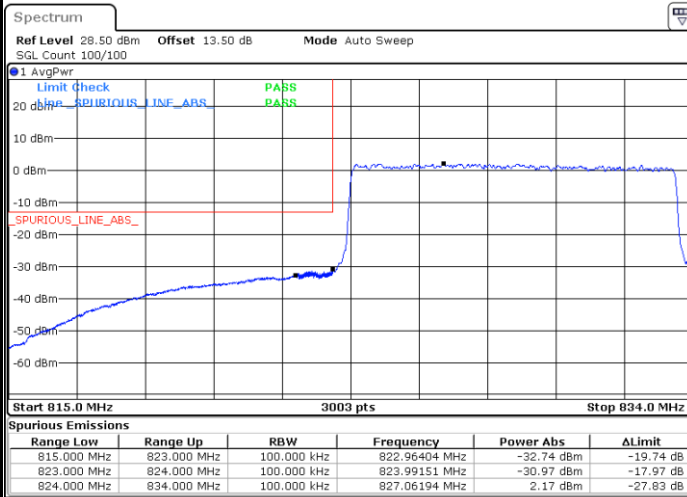
Date: 30 JUN 2022 12:04:47

Highest Band Edge / 1 RB



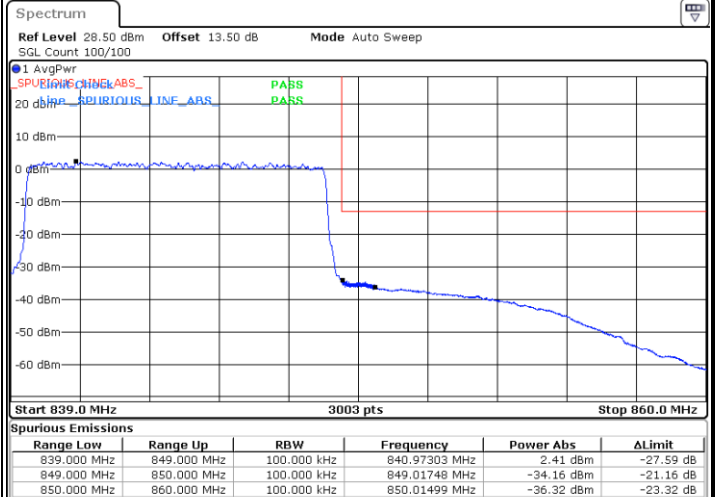
Date: 30 JUN 2022 12:11:35

Lowest Band Edge / Full RB



Date: 30 JUN 2022 12:06:40

Highest Band Edge / Full RB



Date: 30 JUN 2022 12:13:28