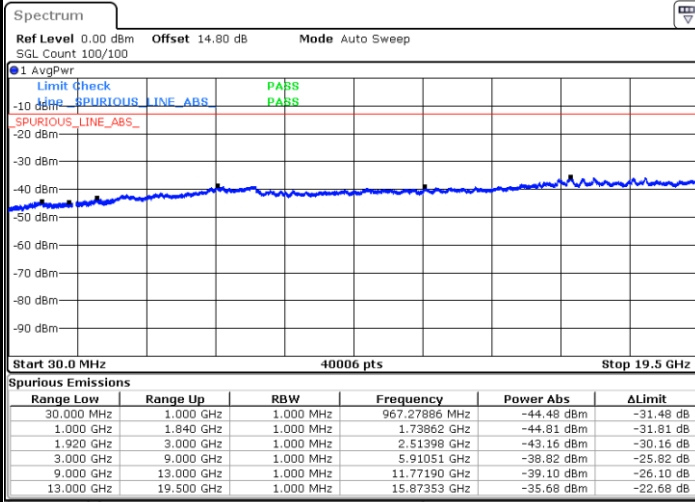




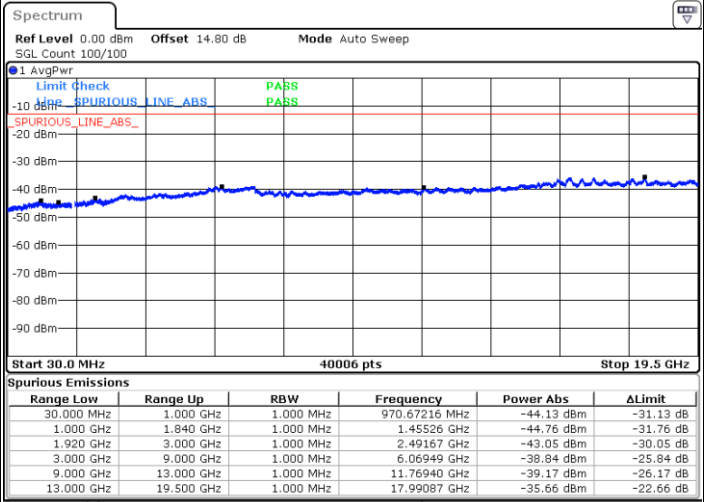
LTE Band 25 / 1.4MHz

Highest Channel / QPSK



Date: 3.FEB.2023 19:40:53

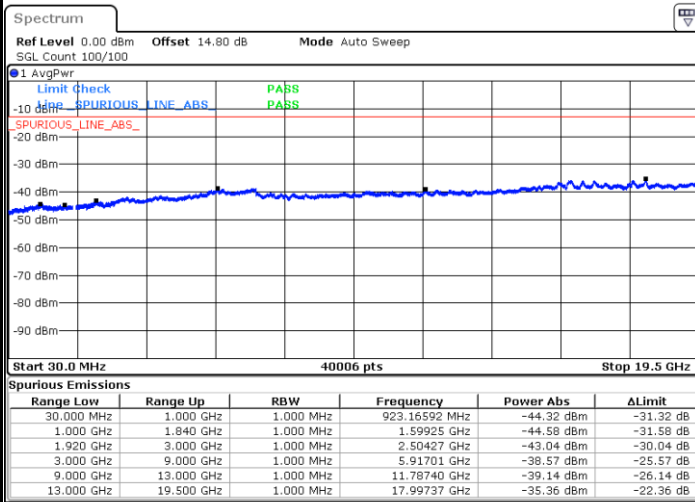
Highest Channel / 16QAM



Date: 3.FEB.2023 19:41:56

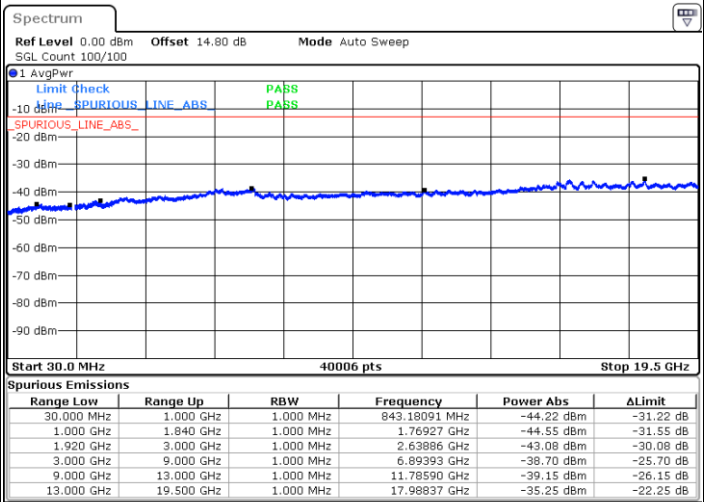
LTE Band 25 / 3MHz

Lowest Channel / QPSK



Date: 3.FEB.2023 20:12:56

Lowest Channel / 16QAM



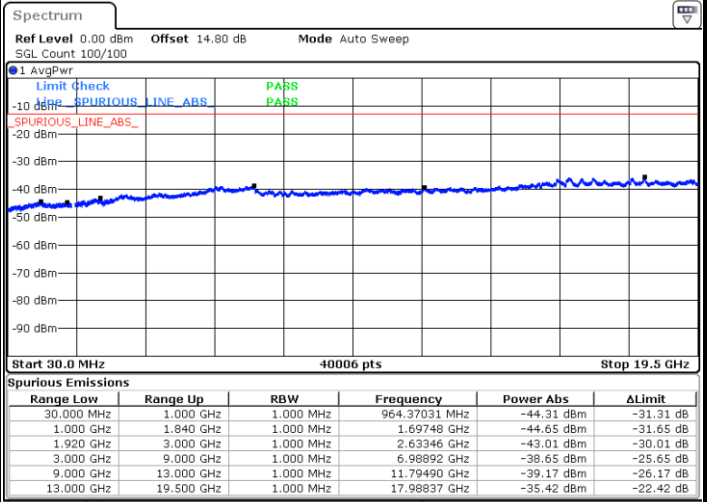
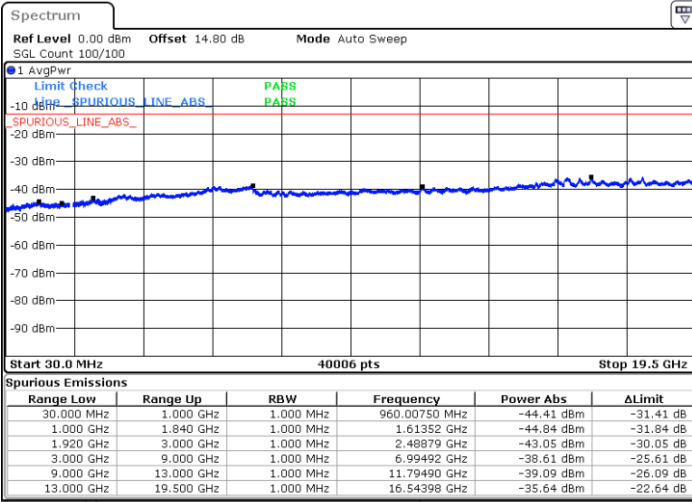
Date: 3.FEB.2023 20:13:58



LTE Band 25 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

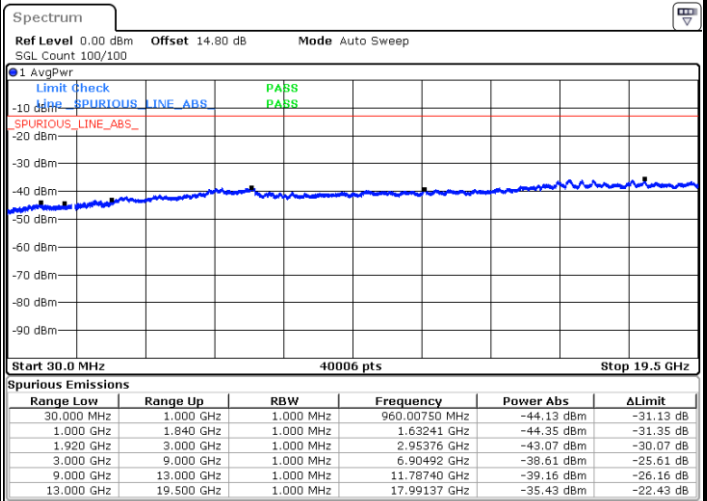
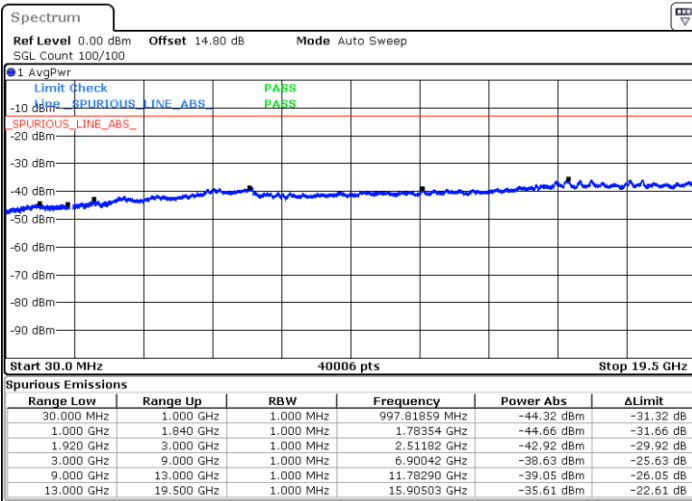


Date: 3.FEB.2023 20:16:37

Date: 3.FEB.2023 20:17:40

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.FEB.2023 20:26:10

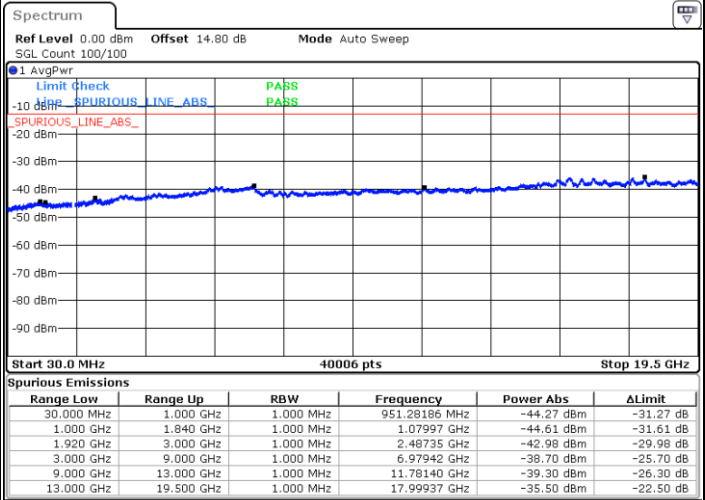
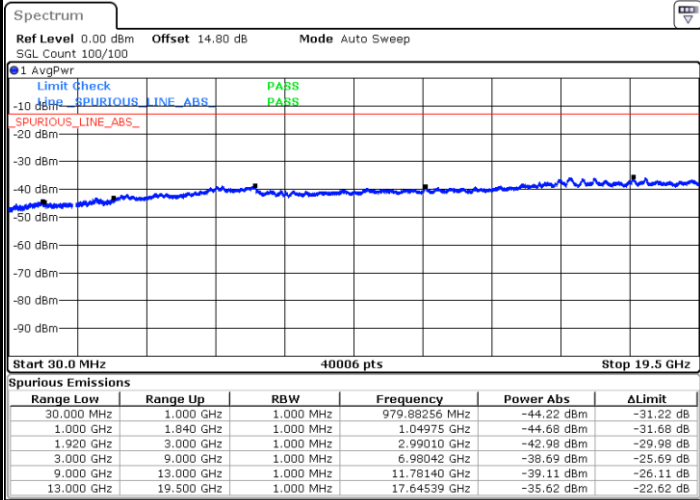
Date: 3.FEB.2023 20:27:13



LTE Band 25 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

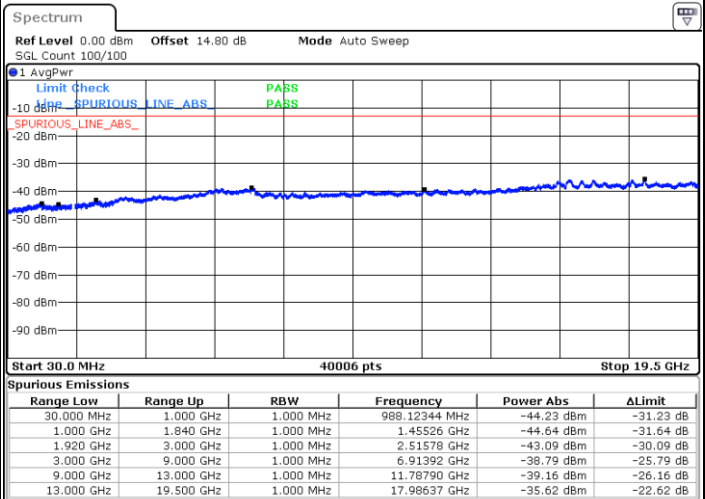
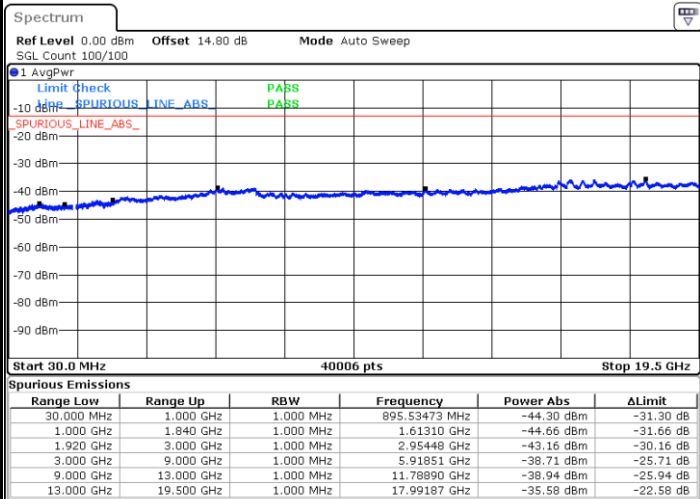


Date: 3.FEB.2023 20:36:02

Date: 3.FEB.2023 20:37:04

Middle Channel / QPSK

Middle Channel / 16QAM



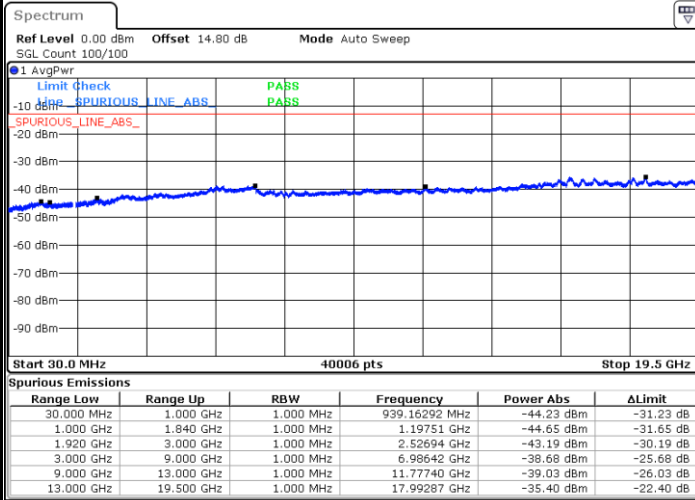
Date: 3.FEB.2023 20:39:43

Date: 3.FEB.2023 20:40:46



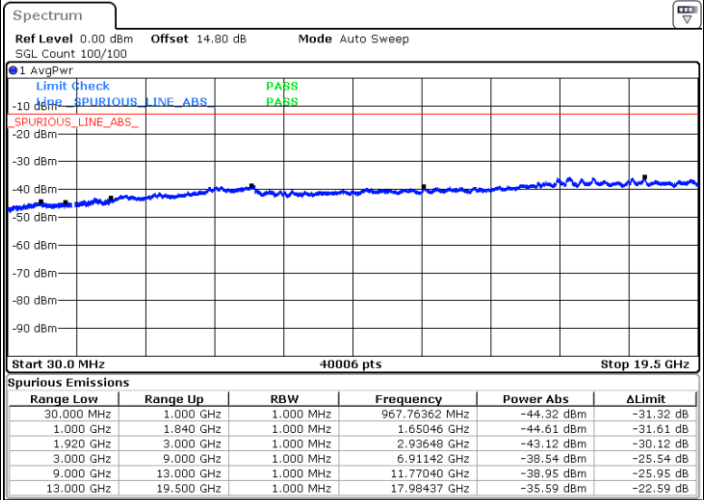
LTE Band 25 / 5MHz

Highest Channel / QPSK



Date: 3.FEB.2023 20:49:15

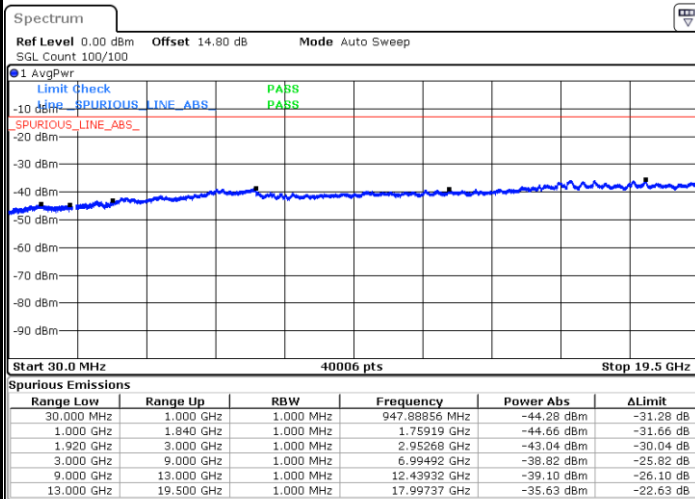
Highest Channel / 16QAM



Date: 3.FEB.2023 20:50:18

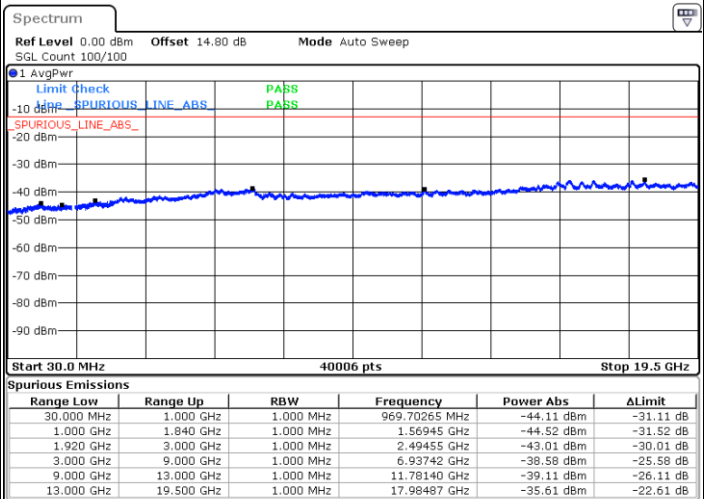
LTE Band 25 / 10MHz

Lowest Channel / QPSK



Date: 3.FEB.2023 21:10:11

Lowest Channel / 16QAM



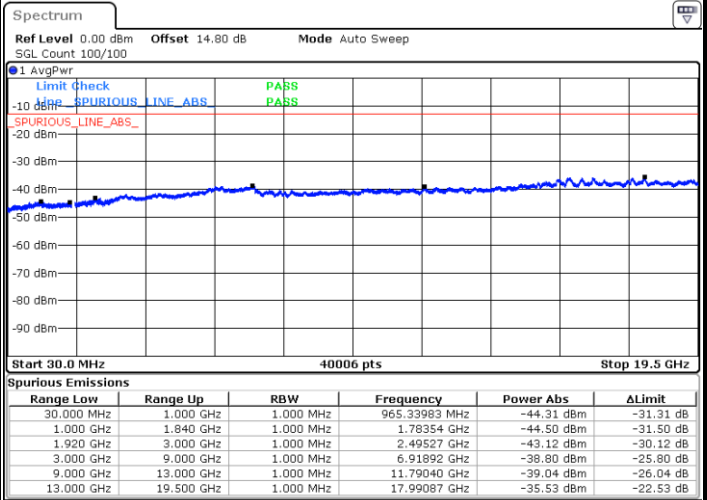
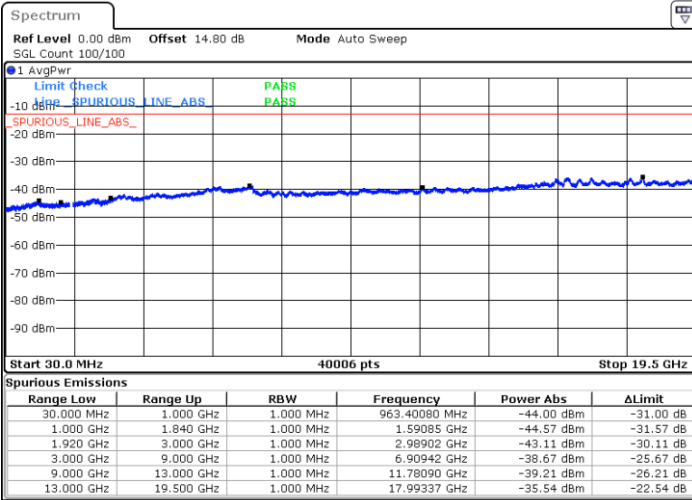
Date: 3.FEB.2023 21:11:14



LTE Band 25 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

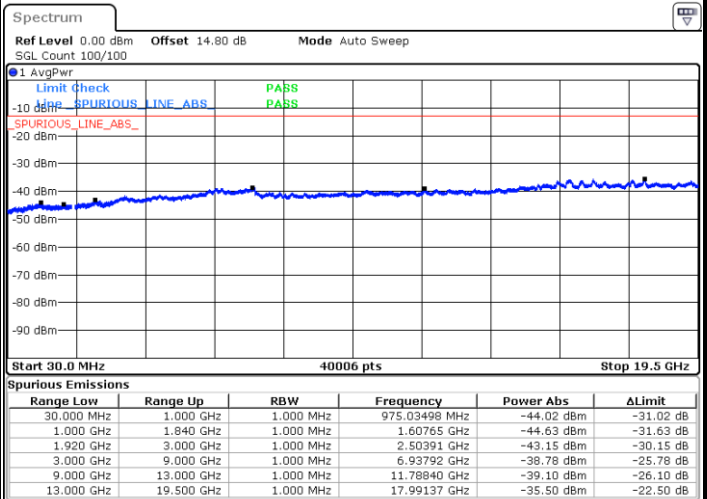
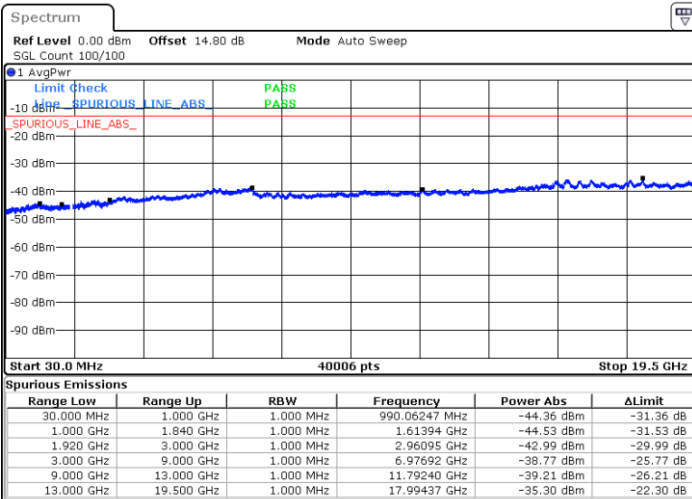


Date: 3.FEB.2023 21:13:53

Date: 3.FEB.2023 21:14:55

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.FEB.2023 21:23:26

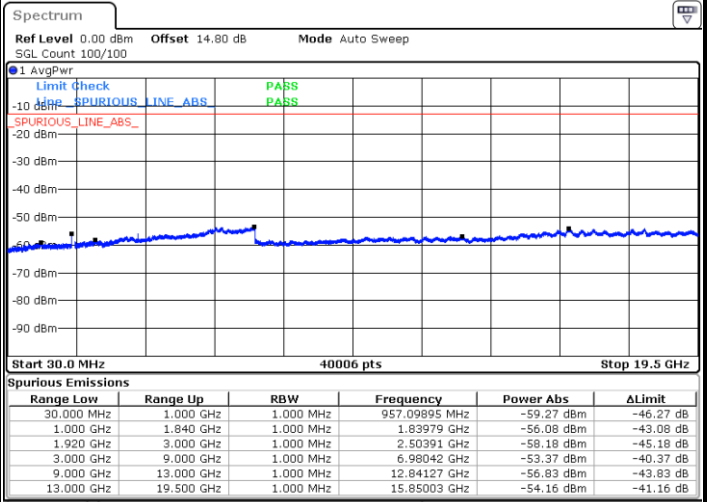
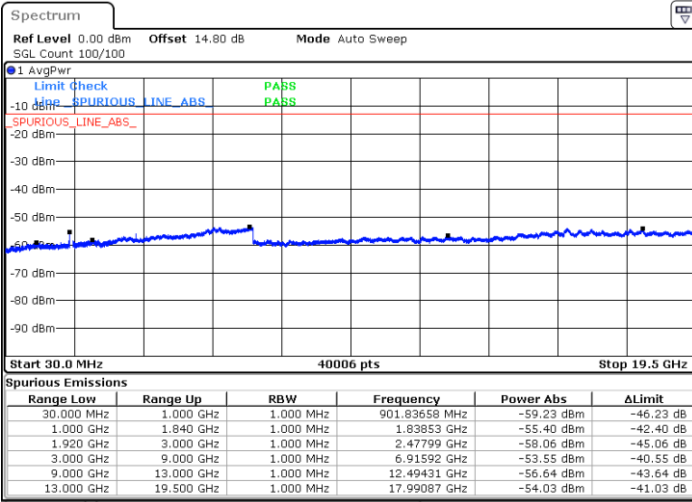
Date: 3.FEB.2023 21:24:28



LTE Band 25 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

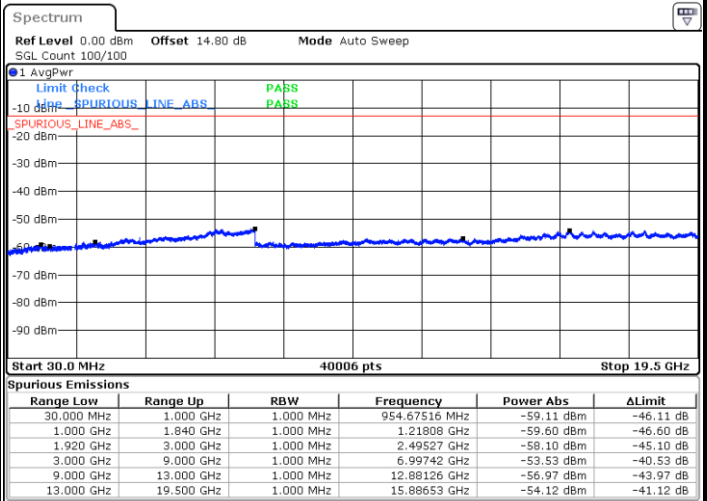
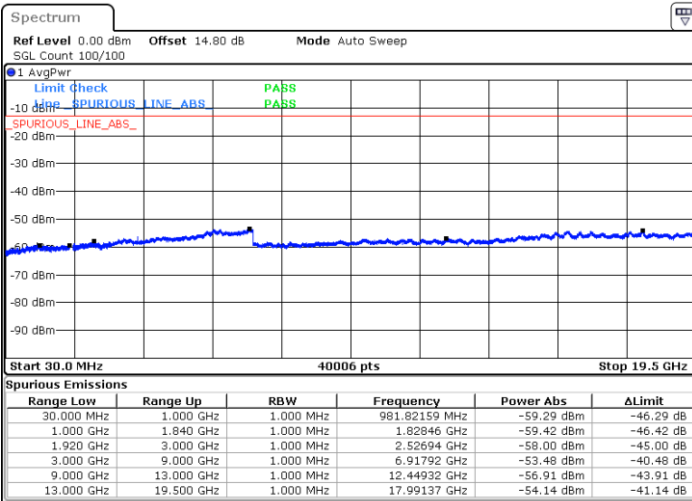


Date: 3.FEB.2023 22:31:48

Date: 3.FEB.2023 22:32:51

Middle Channel / QPSK

Middle Channel / 16QAM



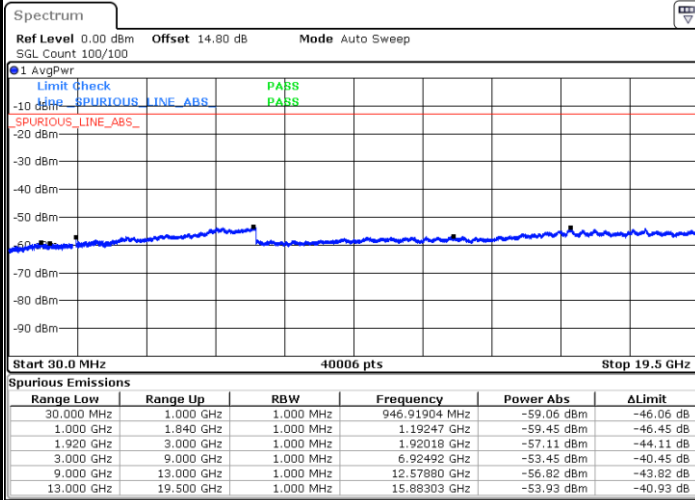
Date: 3.FEB.2023 22:35:30

Date: 3.FEB.2023 22:36:32



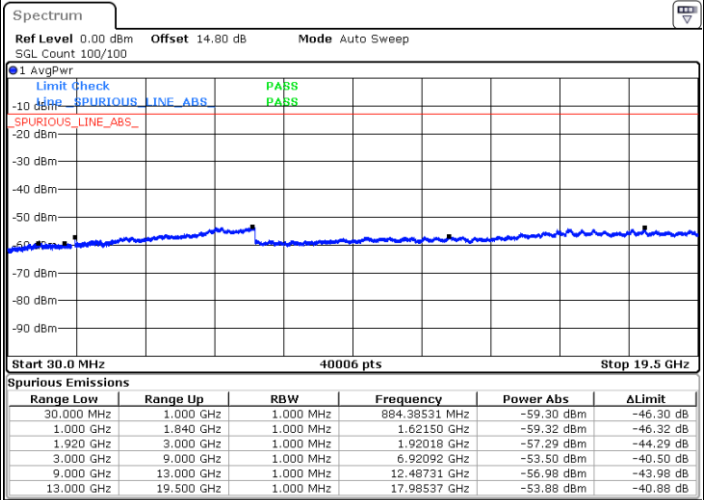
LTE Band 25 / 15MHz

Highest Channel / QPSK



Date: 3.FEB.2023 22:45:02

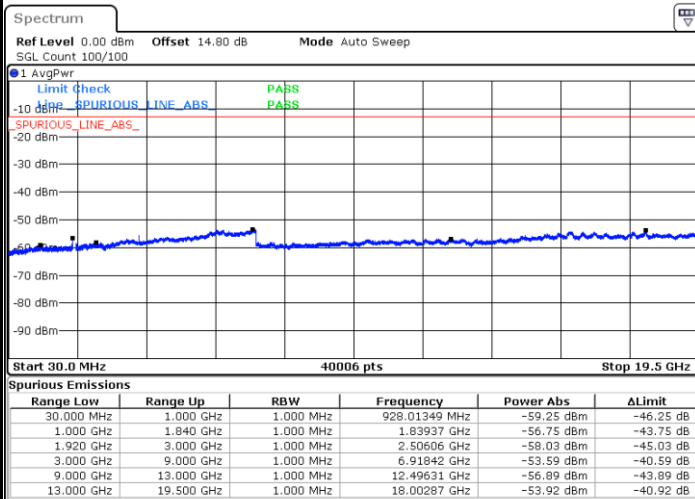
Highest Channel / 16QAM



Date: 3.FEB.2023 22:46:05

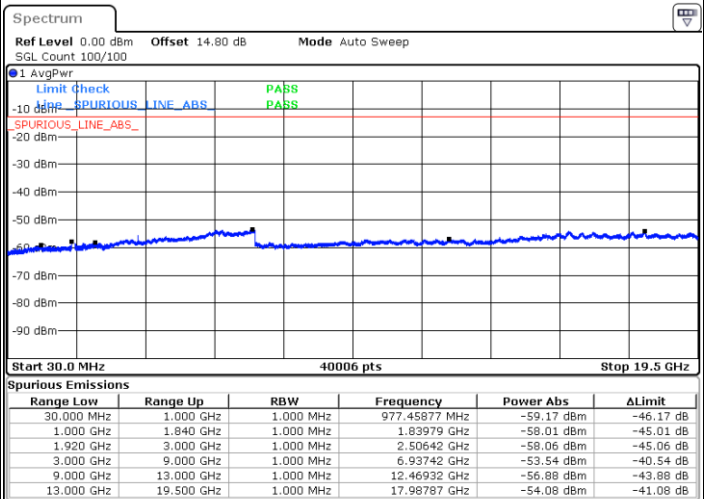
LTE Band 25 / 20MHz

Lowest Channel / QPSK



Date: 3.FEB.2023 23:26:24

Lowest Channel / 16QAM



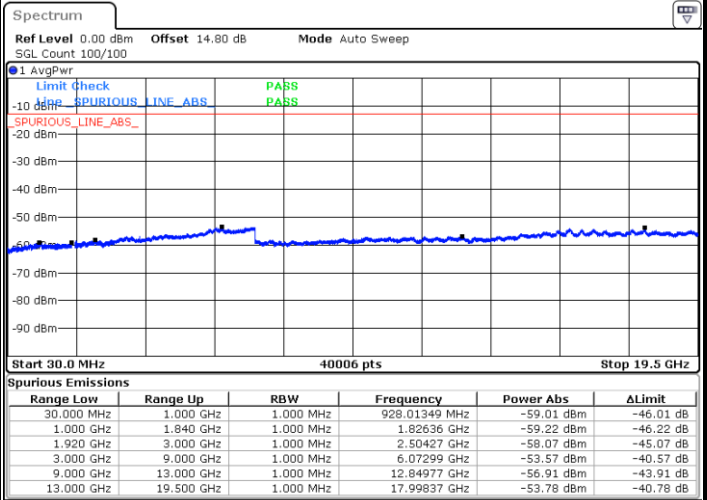
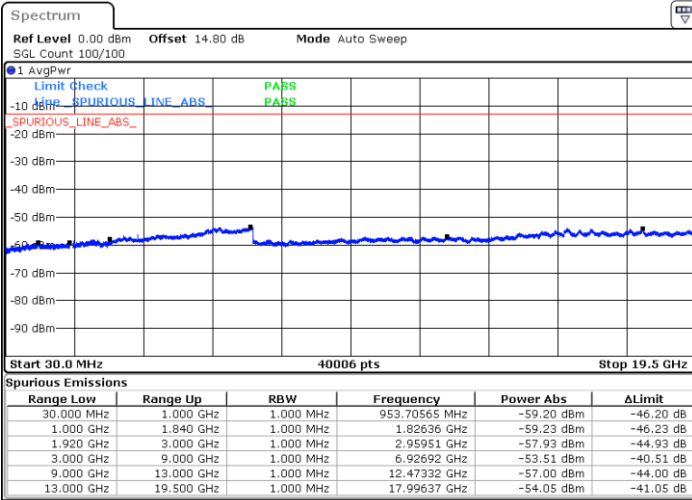
Date: 3.FEB.2023 23:27:27



LTE Band 25 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

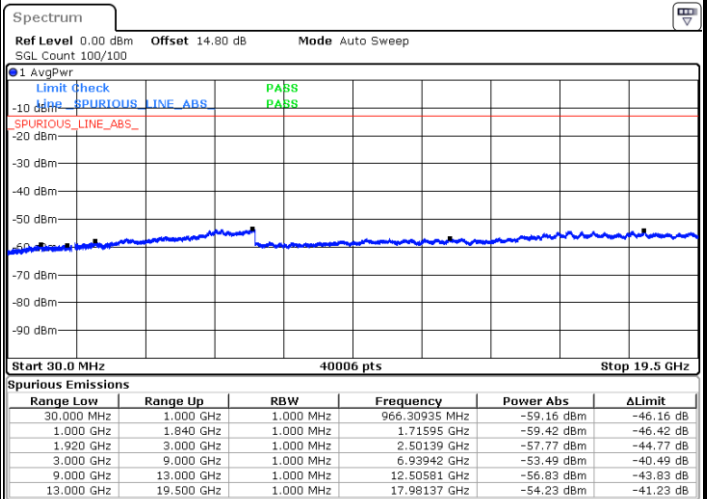
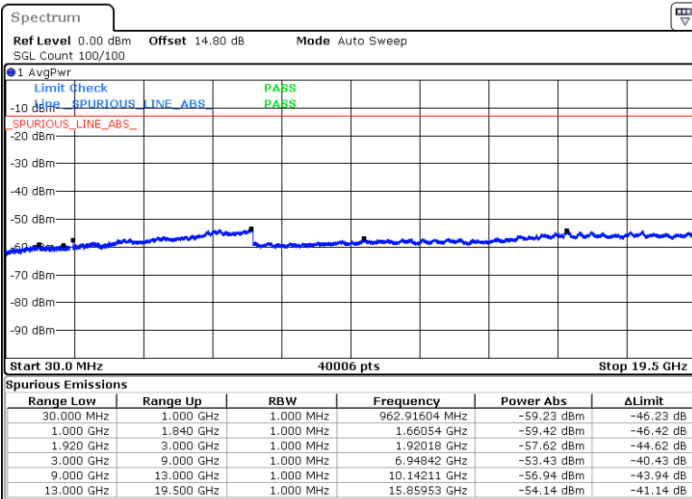


Date: 3.FEB.2023 23:30:05

Date: 3.FEB.2023 23:31:08

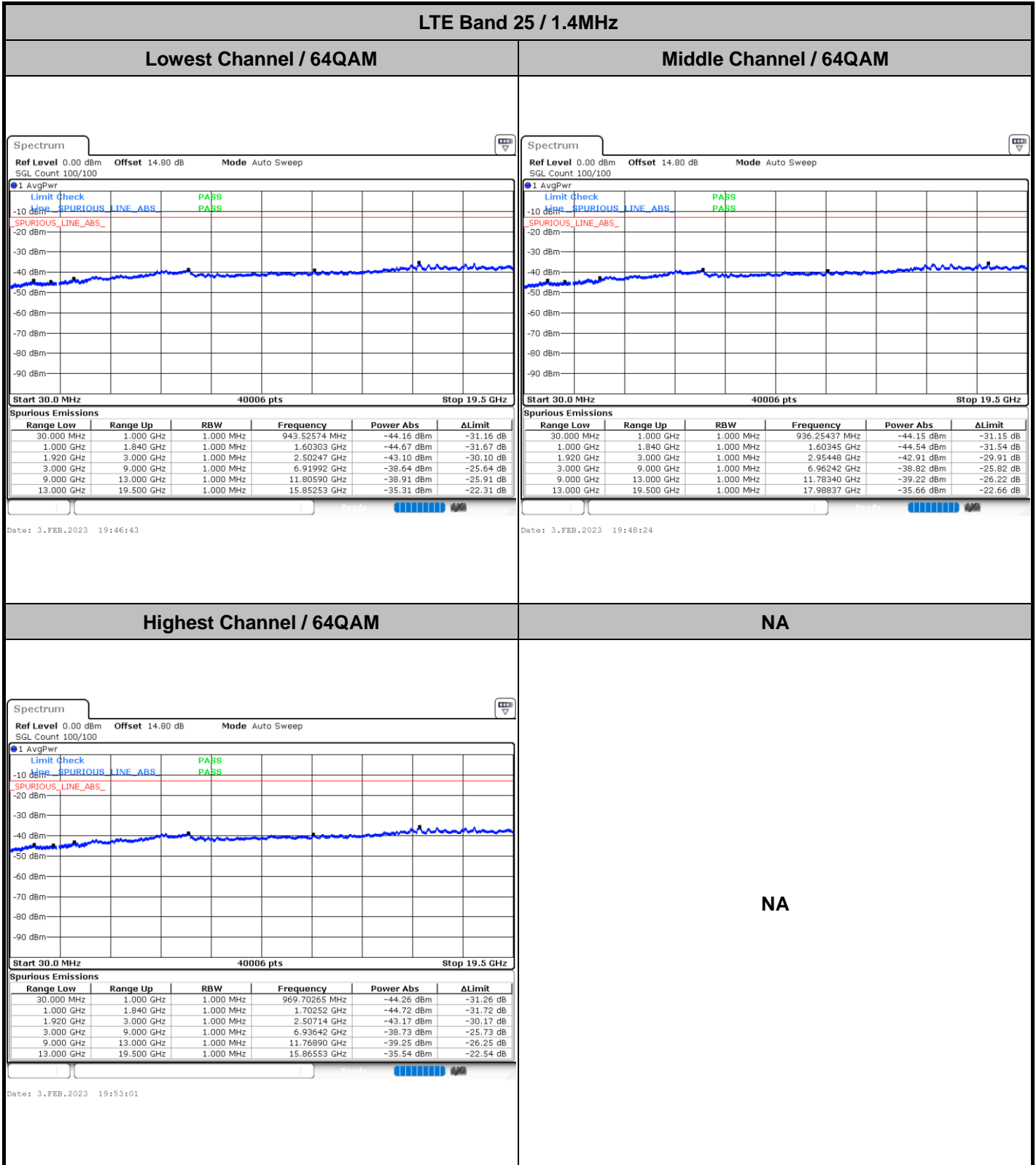
Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.FEB.2023 23:39:37

Date: 3.FEB.2023 23:40:40

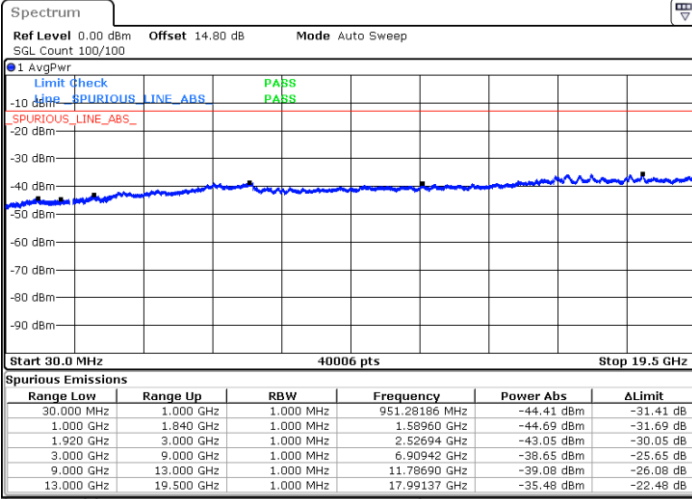




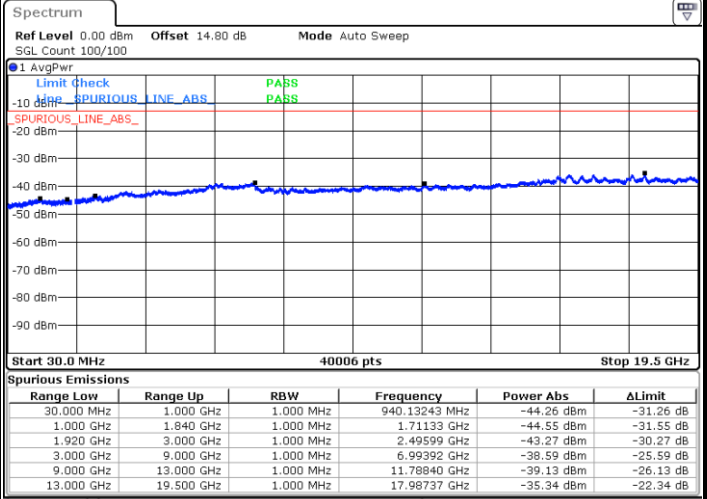
LTE Band 25 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



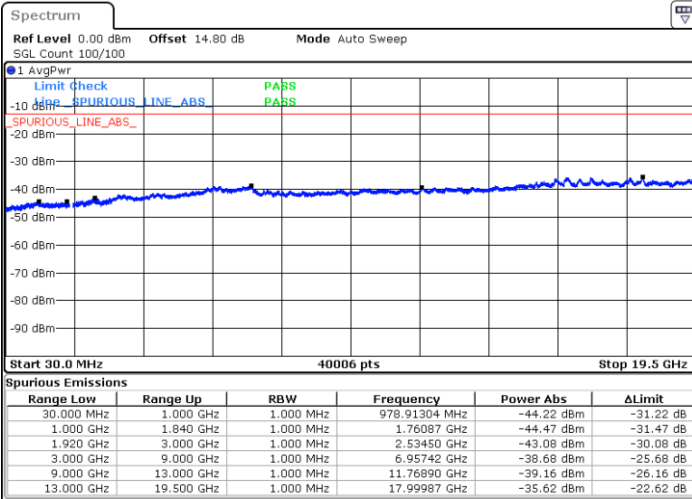
Date: 3.FEB.2023 19:57:48



Date: 3.FEB.2023 19:59:30

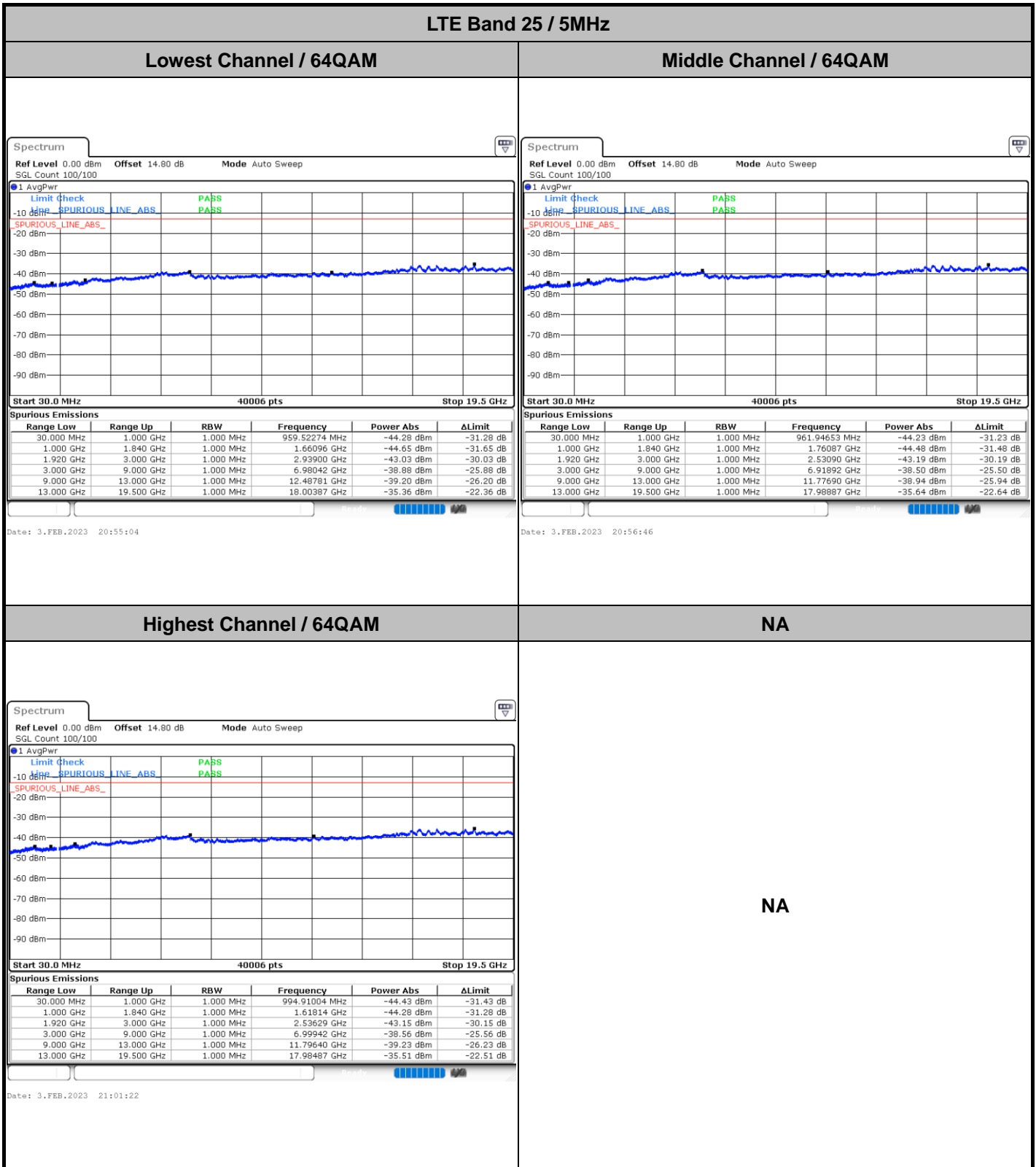
Highest Channel / 64QAM

NA



Date: 3.FEB.2023 20:04:07

NA

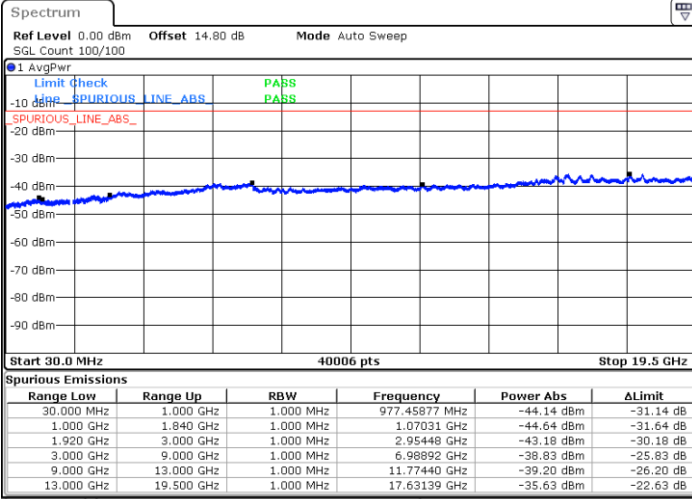




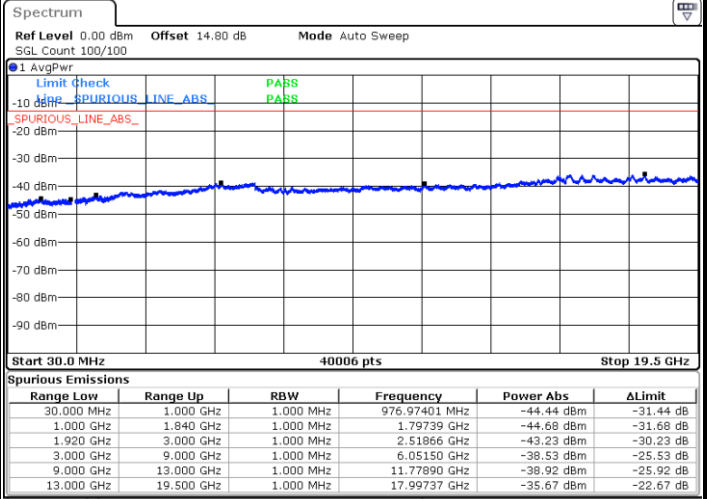
LTE Band 25 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



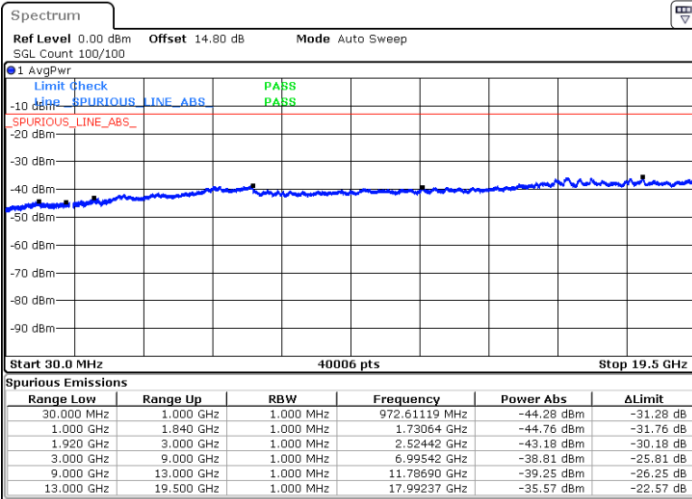
Date: 3.FEB.2023 21:29:14



Date: 3.FEB.2023 21:30:56

Highest Channel / 64QAM

NA



Date: 3.FEB.2023 21:35:32

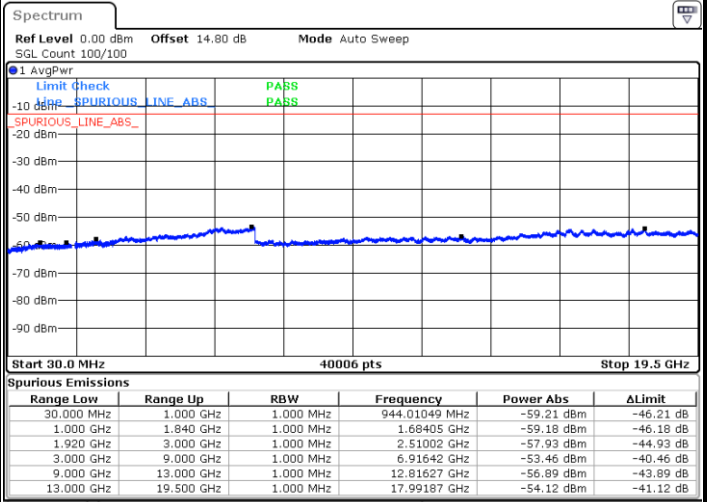
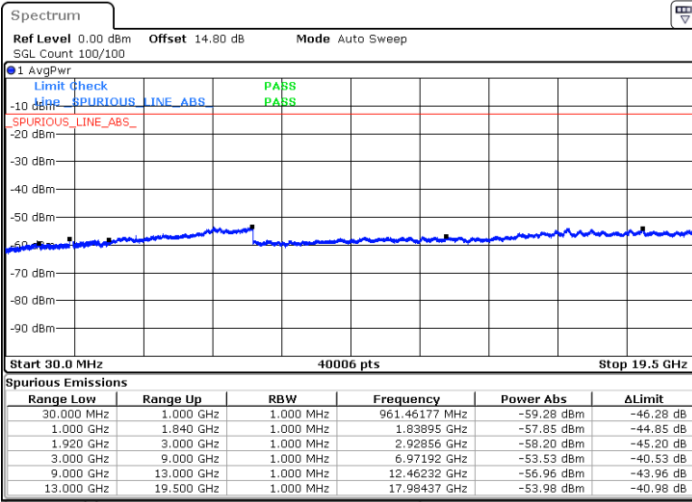
NA



LTE Band 25 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

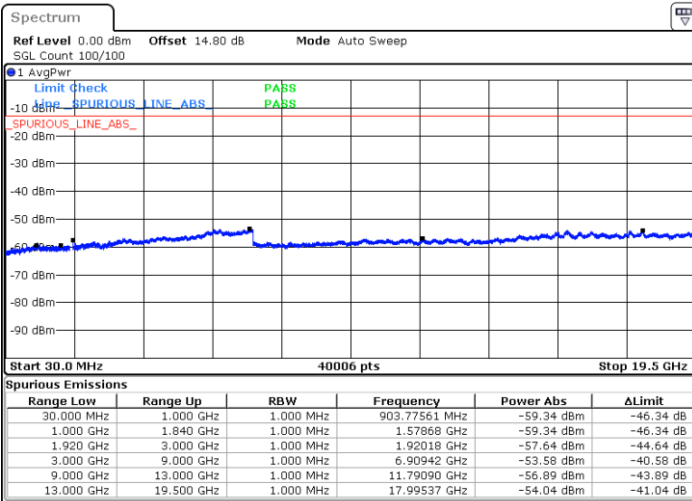


Date: 3.FEB.2023 22:16:41

Date: 3.FEB.2023 22:18:22

Highest Channel / 64QAM

NA



NA

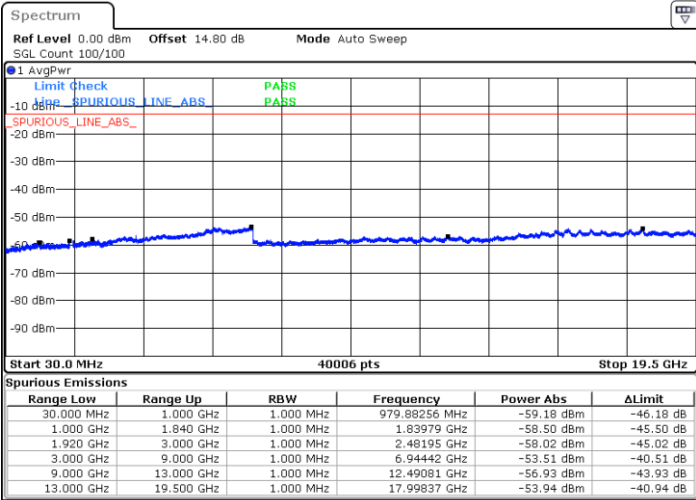
Date: 3.FEB.2023 22:23:00



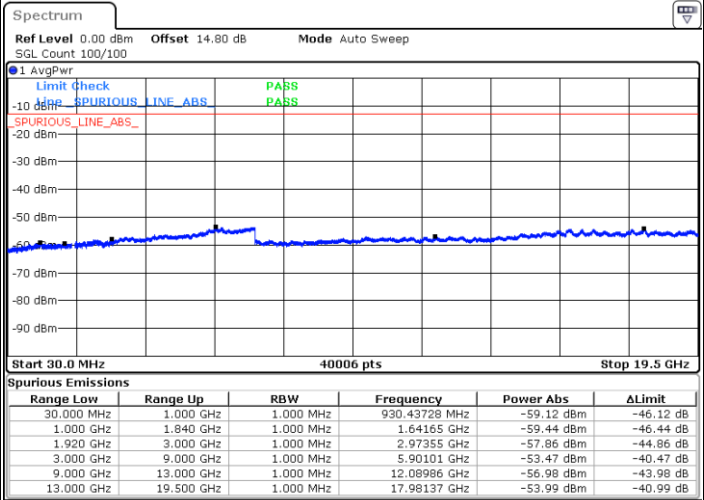
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



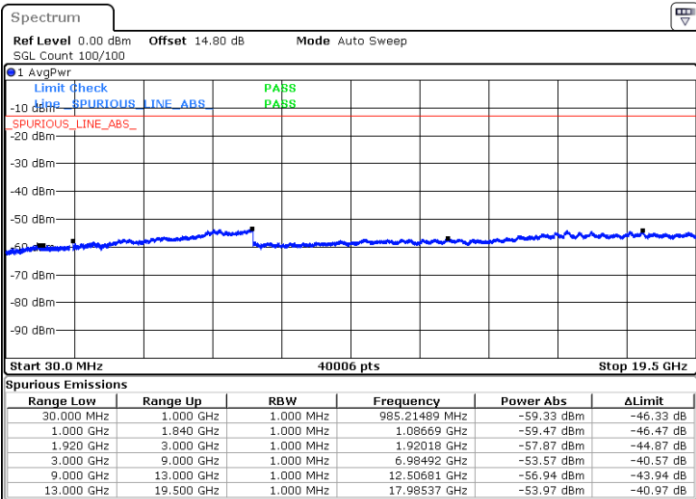
Date: 3.FEB.2023 23:45:26



Date: 3.FEB.2023 23:47:44

Highest Channel / 64QAM

NA



Date: 3.FEB.2023 23:52:21

NA



Frequency Stability

Test Conditions		LTE Band 25 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0026	PASS
40	Normal Voltage	0.0029	
30	Normal Voltage	0.0005	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0024	
-10	Normal Voltage	0.0033	
20	Maximum Voltage	0.0028	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0027	

Note:

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3V. ; Maximum Voltage =8.7V.
2. The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 25 – Other PA

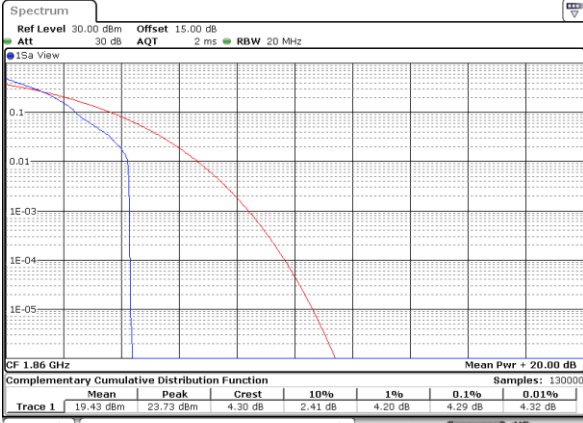
Peak-to-Average Ratio

Mode	LTE Band 25 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.29	5.45	5.04	6.43	PASS
Middle CH	4.58	5.51	5.25	6.43	
Highest CH	4.55	5.07	5.07	6.06	
Mode	LTE Band 25 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.88	6.67	-	-	PASS
Middle CH	6.49	6.72	-	-	
Highest CH	6.43	6.38	-	-	



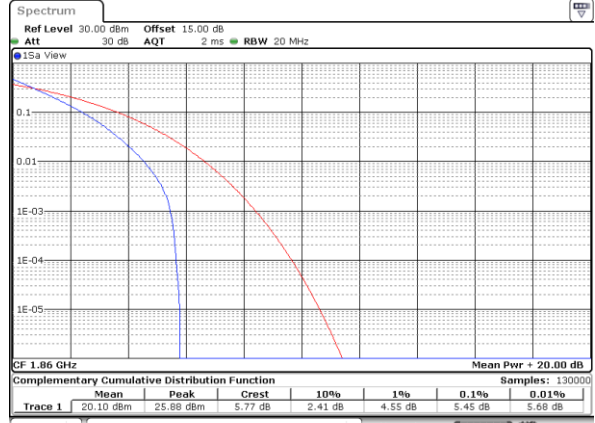
LTE Band 25 / 20MHz / QPSK

Lowest Channel / 1RB



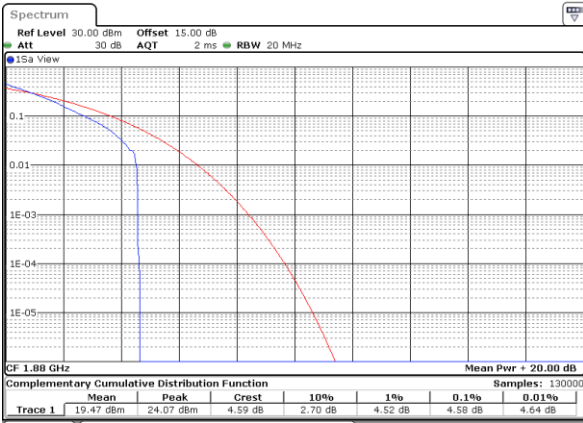
Date: 23.FEB.2023 22:14:57

Lowest Channel / Full RB



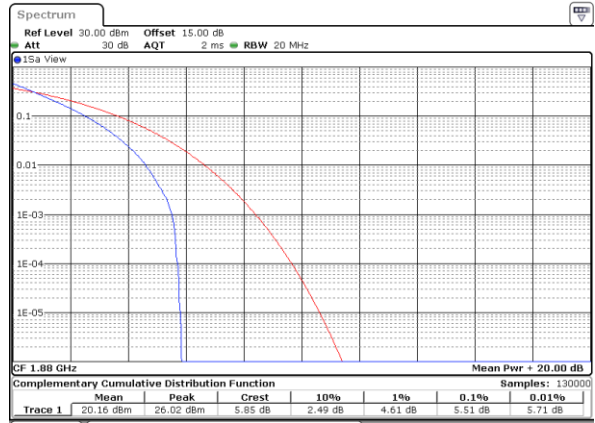
Date: 23.FEB.2023 22:15:23

Middle Channel / 1RB



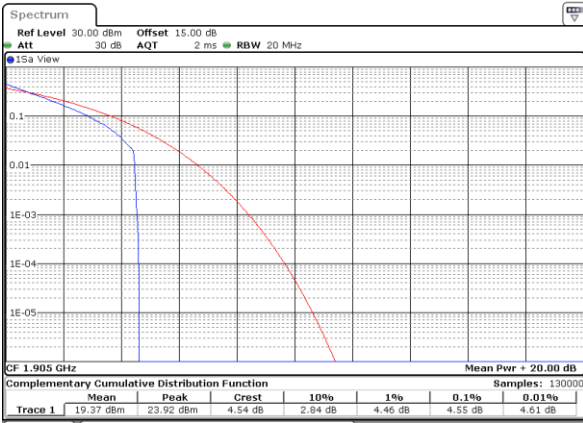
Date: 23.FEB.2023 22:16:39

Middle Channel / Full RB



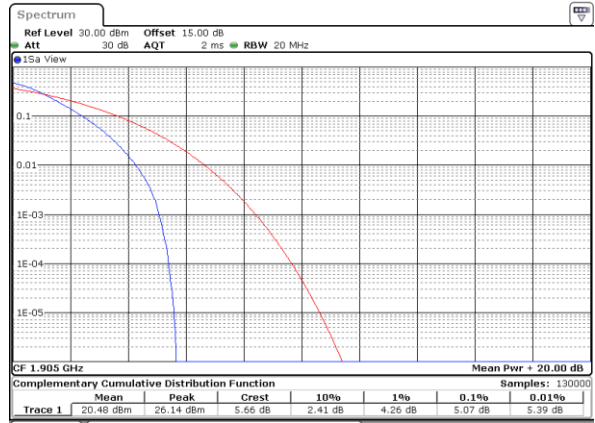
Date: 23.FEB.2023 22:17:04

Highest Channel / 1RB



Date: 23.FEB.2023 22:18:21

Highest Channel / Full RB

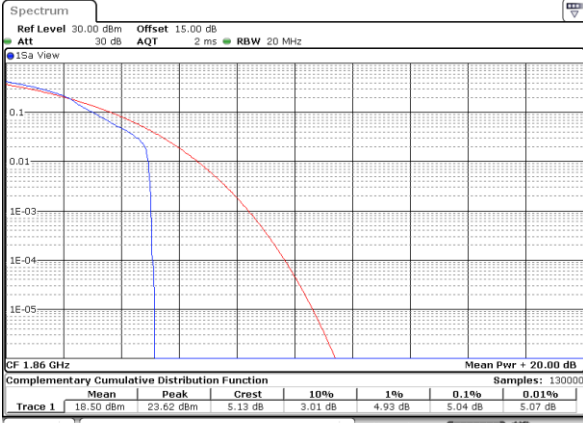


Date: 23.FEB.2023 22:18:46



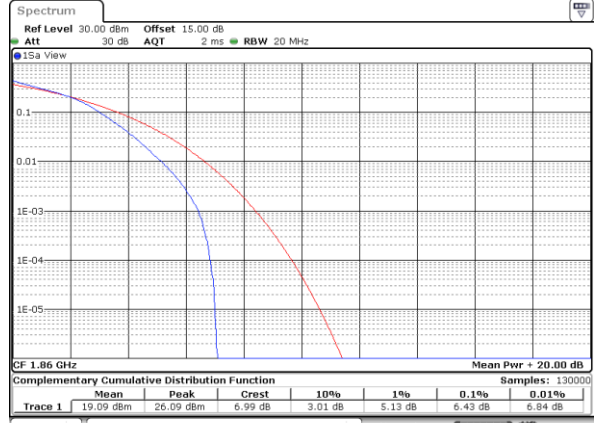
LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



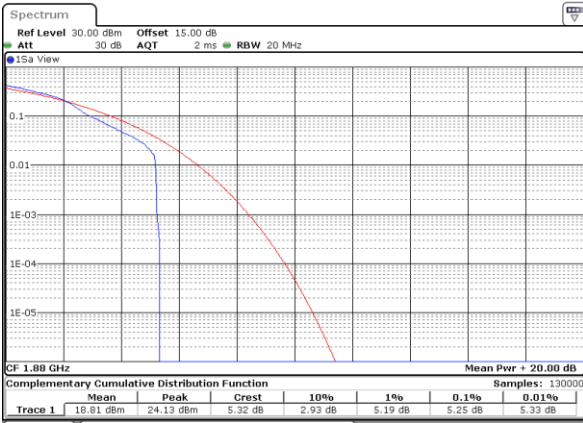
Date: 23.FEB.2023 22:14:06

Lowest Channel / Full RB



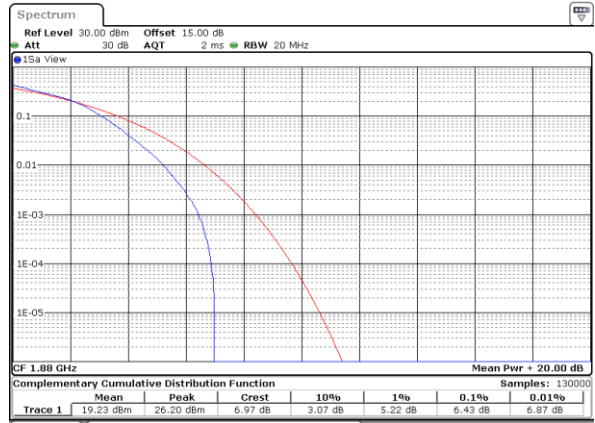
Date: 23.FEB.2023 22:14:32

Middle Channel / 1RB



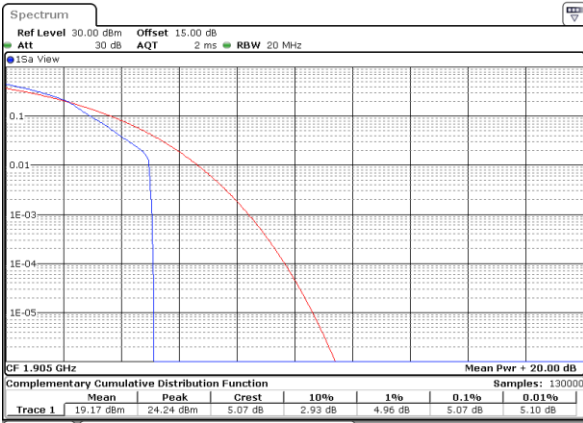
Date: 23.FEB.2023 22:15:48

Middle Channel / Full RB



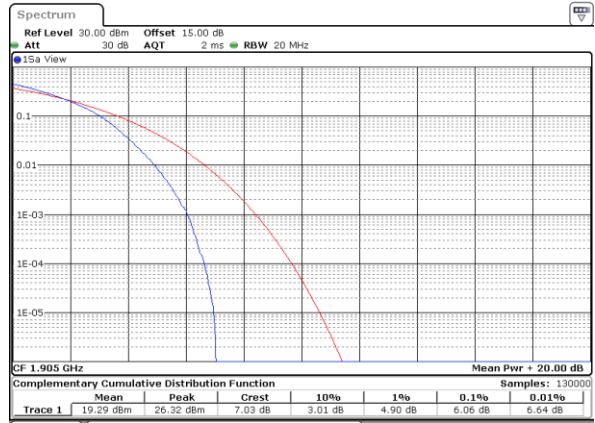
Date: 23.FEB.2023 22:16:13

Highest Channel / 1RB



Date: 23.FEB.2023 22:17:30

Highest Channel / Full RB

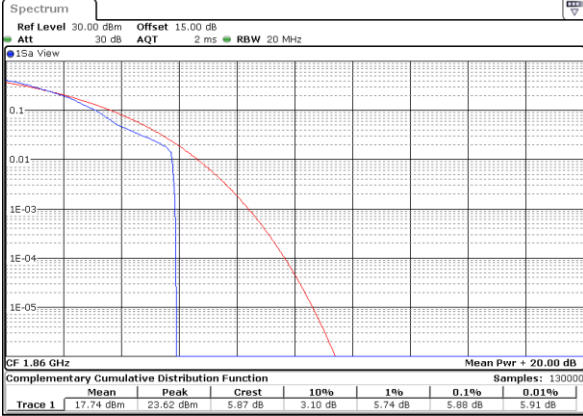


Date: 23.FEB.2023 22:17:55



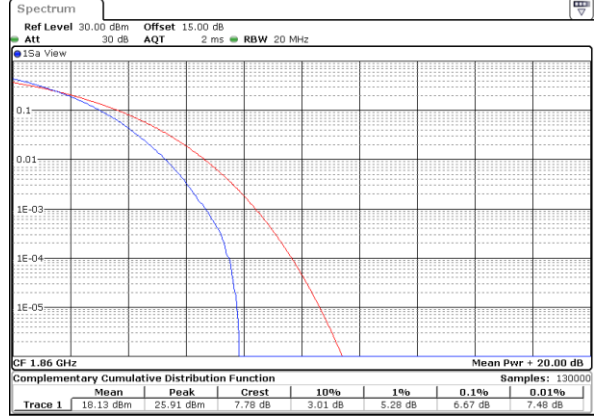
LTE Band 25 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 23.FEB.2023 22:11:34

Lowest Channel / Full RB



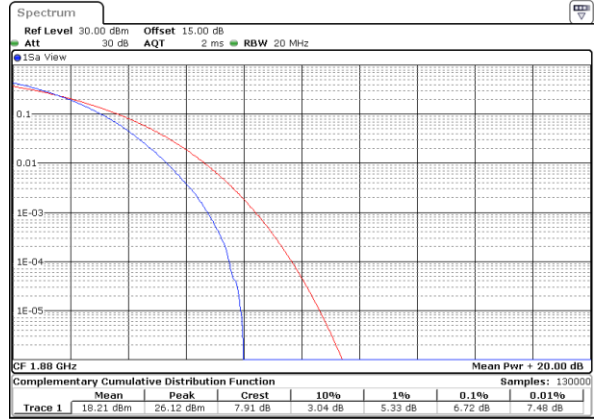
Date: 23.FEB.2023 22:11:59

Middle Channel / 1RB



Date: 23.FEB.2023 22:12:05

Middle Channel / Full RB



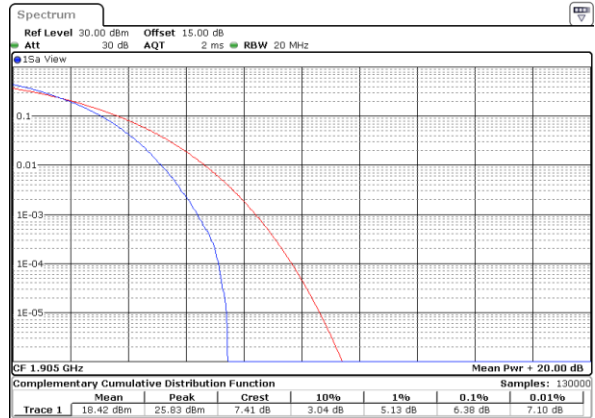
Date: 23.FEB.2023 22:12:50

Highest Channel / 1RB



Date: 23.FEB.2023 22:13:16

Highest Channel / Full RB



Date: 23.FEB.2023 22:13:41



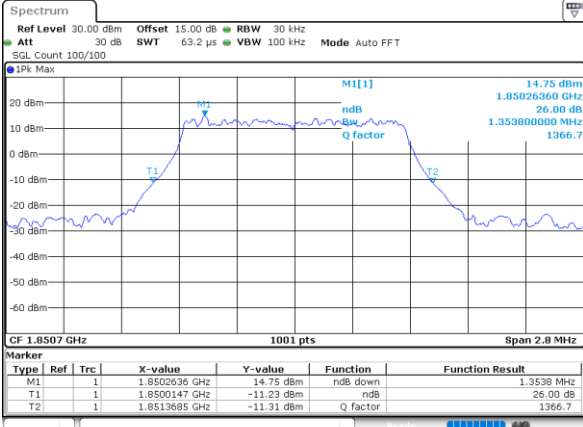
26dB Bandwidth

Mode	LTE Band 25 : 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	1.35	1.36	3.09	3.07	5.03	4.90	10.09	9.75	14.45	14.48	19.42	19.18
Middle CH	1.31	1.28	3.09	3.12	5.13	5.00	10.09	9.81	14.51	14.75	19.30	18.90
Highest CH	1.31	1.37	3.12	3.10	5.03	4.94	9.91	10.11	14.39	14.66	18.94	18.98
Mode	LTE Band 25 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.30	-	3.08	-	5.00	-	9.67	-	14.33	-	19.58	-
Middle CH	1.33	-	2.96	-	5.07	-	10.15	-	14.57	-	18.98	-
Highest CH	1.33	-	3.07	-	5.01	-	10.07	-	14.24	-	18.90	-



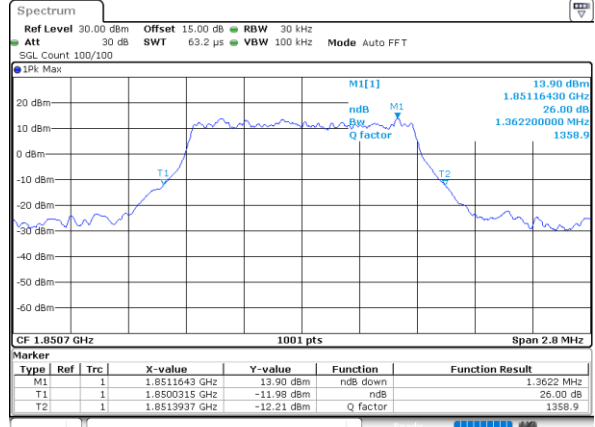
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



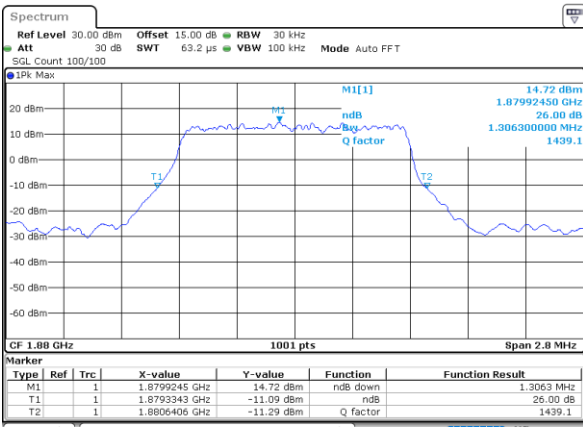
Date: 23.FEB.2023 21:35:11

Lowest Channel / 1.4MHz / 16QAM



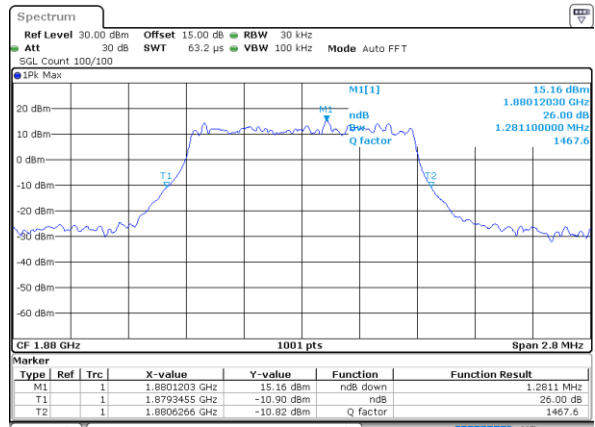
Date: 23.FEB.2023 21:35:35

Middle Channel / 1.4MHz / QPSK



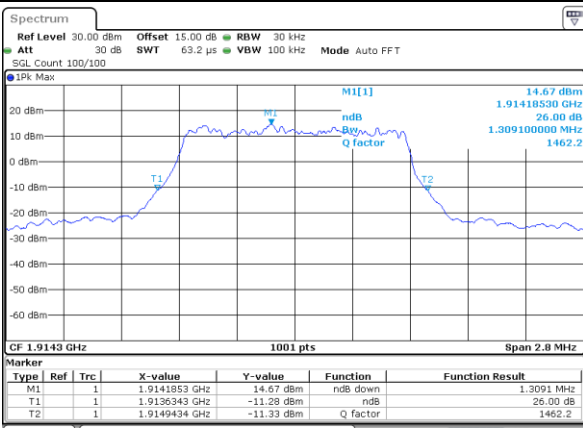
Date: 23.FEB.2023 21:45:42

Middle Channel / 1.4MHz / 16QAM



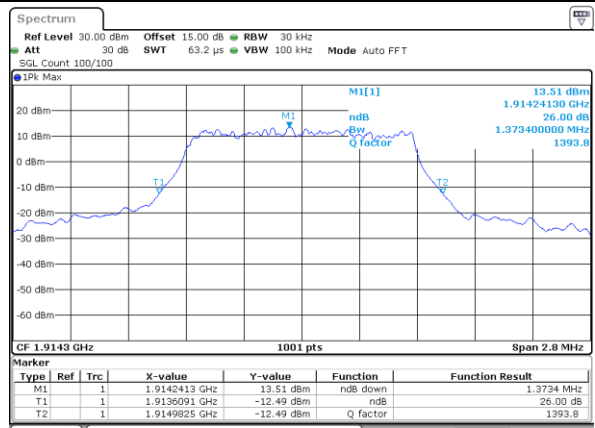
Date: 23.FEB.2023 21:46:06

Highest Channel / 1.4MHz / QPSK



Date: 23.FEB.2023 21:50:18

Highest Channel / 1.4MHz / 16QAM

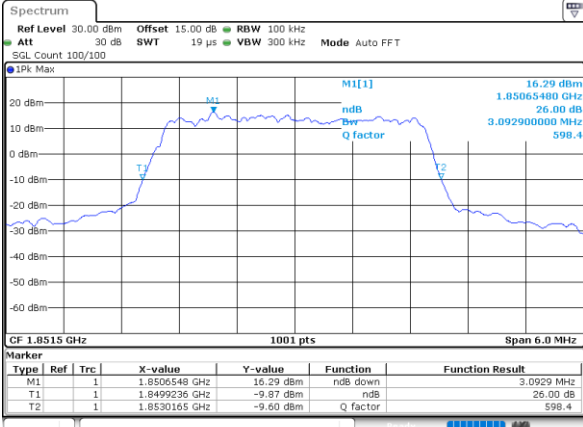


Date: 23.FEB.2023 21:49:54



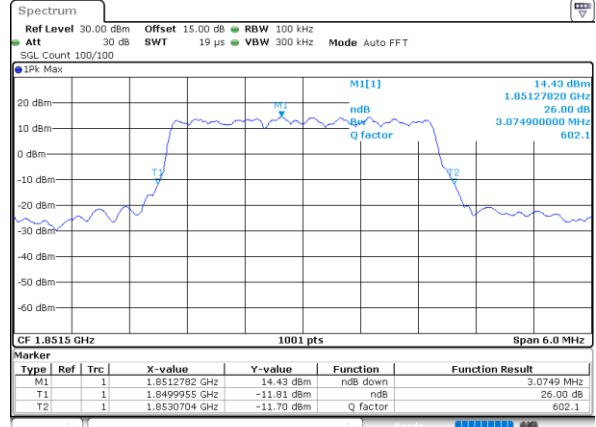
LTE Band 25

Lowest Channel / 3MHz / QPSK



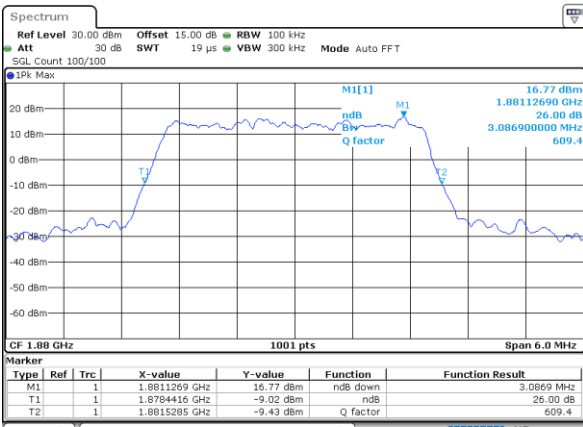
Date: 23.FEB.2023 18:14:23

Lowest Channel / 3MHz / 16QAM



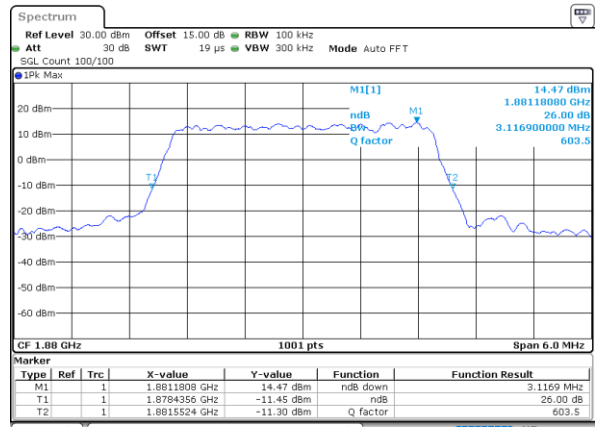
Date: 23.FEB.2023 18:14:47

Middle Channel / 3MHz / QPSK



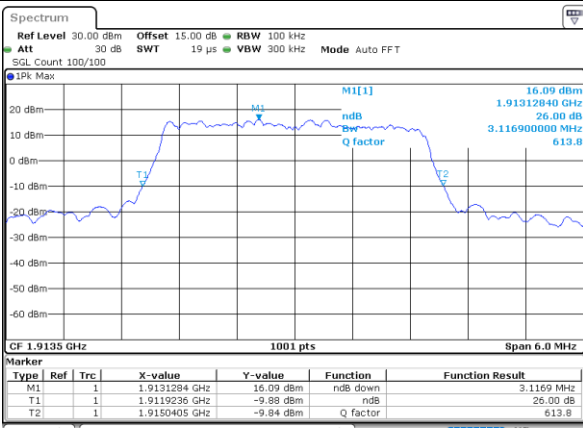
Date: 23.FEB.2023 18:22:54

Middle Channel / 3MHz / 16QAM



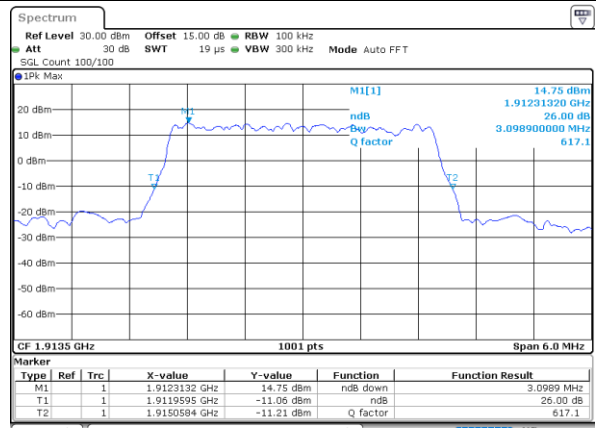
Date: 23.FEB.2023 18:23:18

Highest Channel / 3MHz / QPSK



Date: 23.FEB.2023 18:26:51

Highest Channel / 3MHz / 16QAM

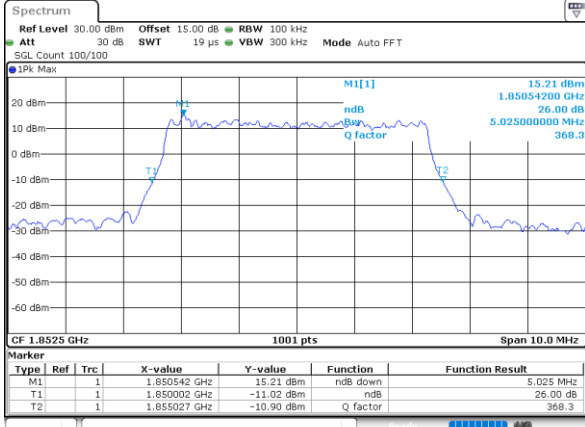


Date: 23.FEB.2023 18:26:27



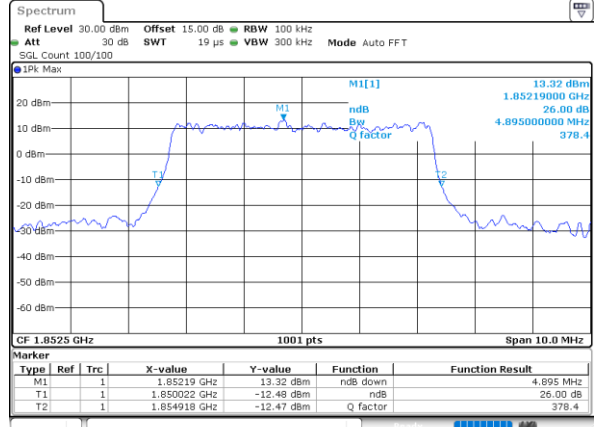
LTE Band 25

Lowest Channel / 5MHz / QPSK



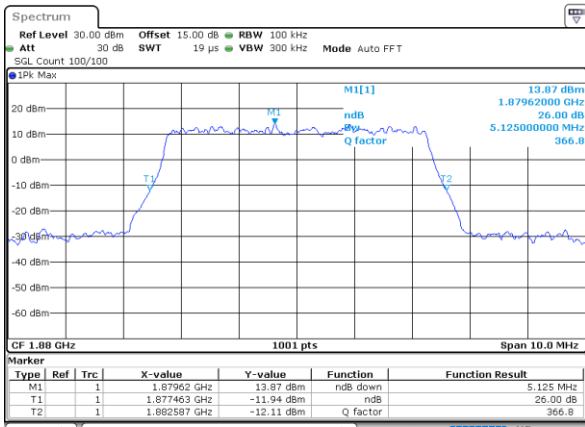
Date: 23.FEB.2023 18:34:49

Lowest Channel / 5MHz / 16QAM



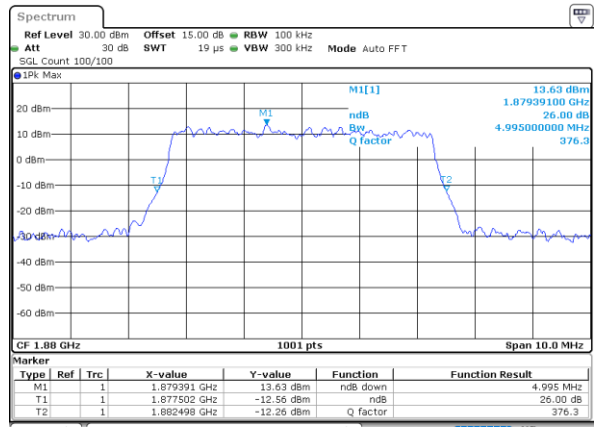
Date: 23.FEB.2023 18:35:13

Middle Channel / 5MHz / QPSK



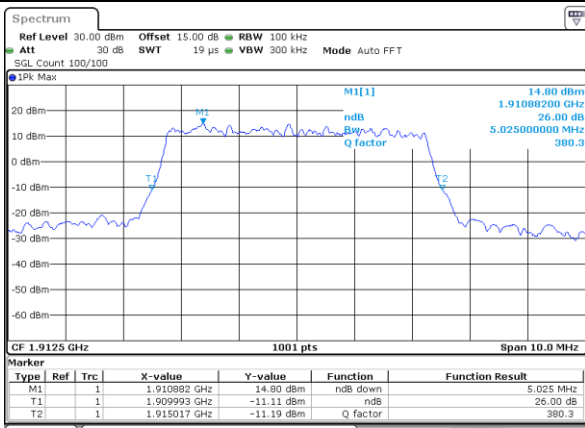
Date: 23.FEB.2023 18:43:20

Middle Channel / 5MHz / 16QAM



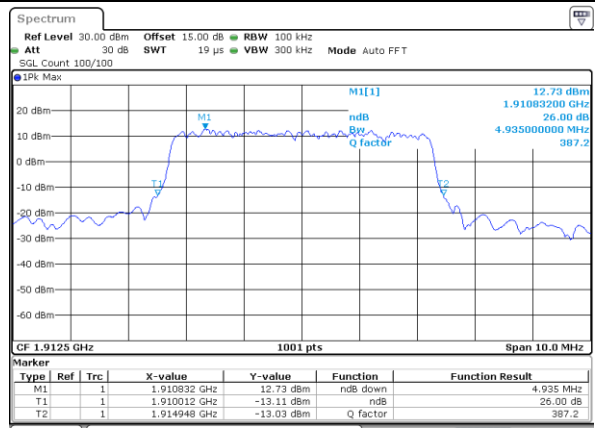
Date: 23.FEB.2023 18:43:44

Highest Channel / 5MHz / QPSK



Date: 23.FEB.2023 18:47:17

Highest Channel / 5MHz / 16QAM

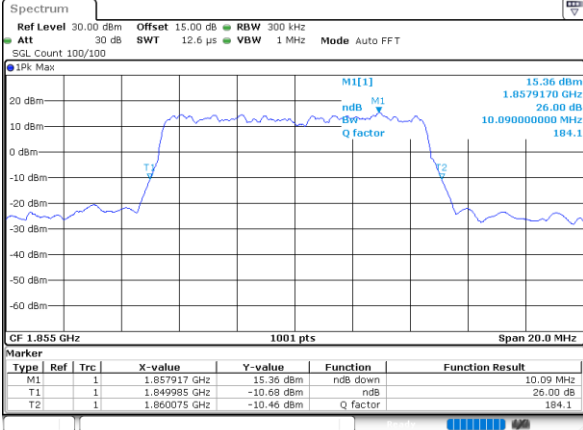


Date: 23.FEB.2023 18:46:52



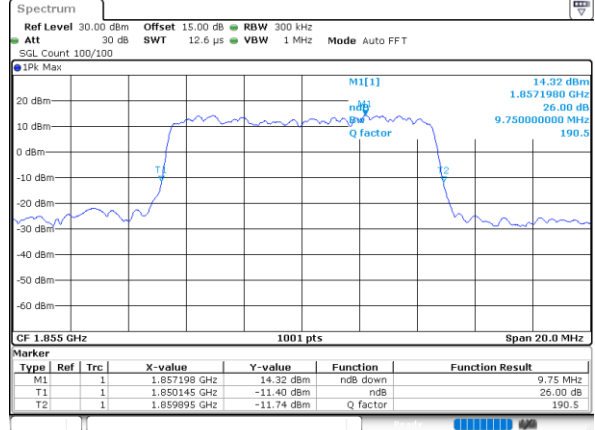
LTE Band 25

Lowest Channel / 10MHz / QPSK



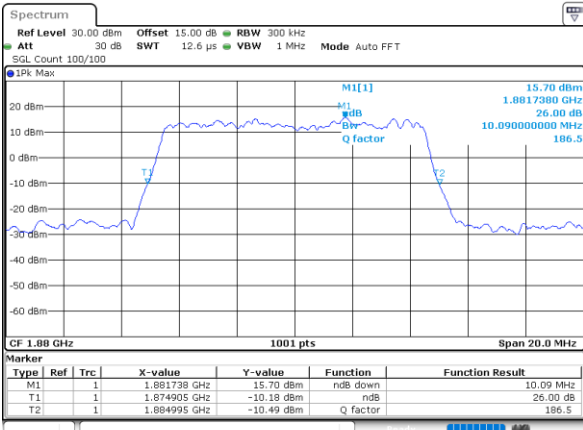
Date: 23.FEB.2023 19:05:45

Lowest Channel / 10MHz / 16QAM



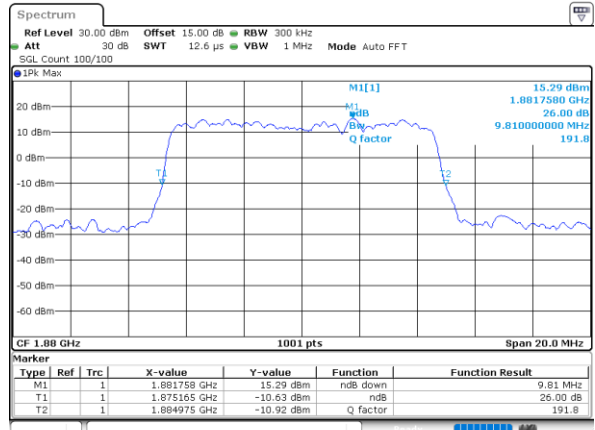
Date: 23.FEB.2023 19:06:09

Middle Channel / 10MHz / QPSK



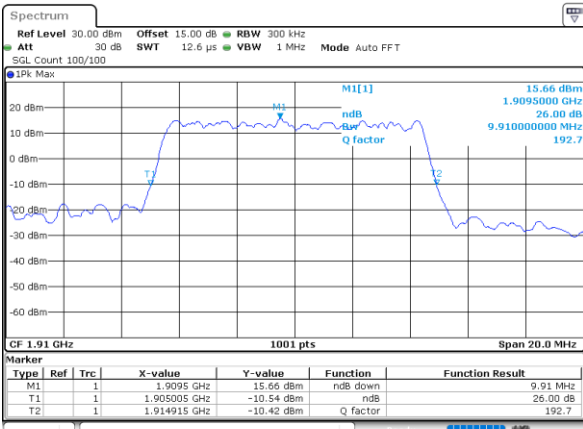
Date: 23.FEB.2023 19:14:16

Middle Channel / 10MHz / 16QAM



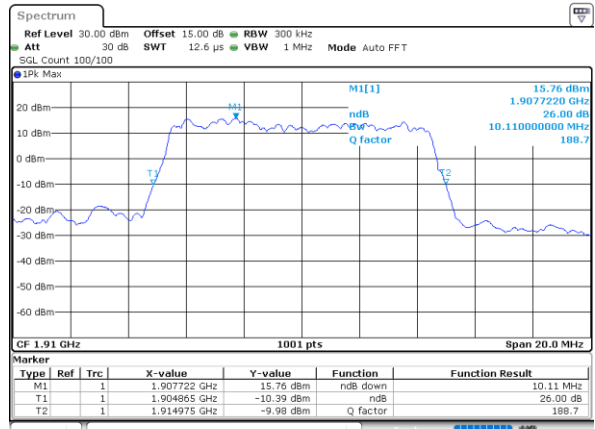
Date: 23.FEB.2023 19:14:41

Highest Channel / 10MHz / QPSK



Date: 23.FEB.2023 19:18:13

Highest Channel / 10MHz / 16QAM

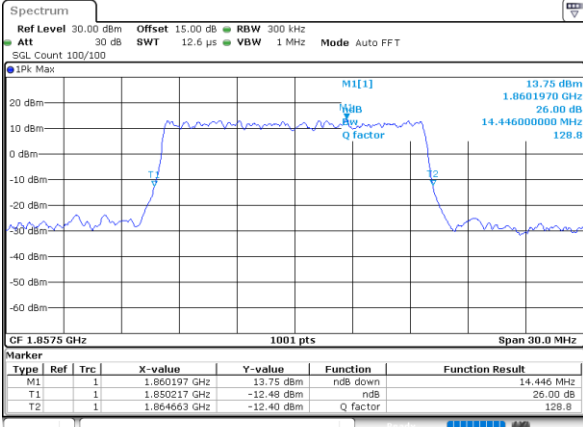


Date: 23.FEB.2023 19:17:49



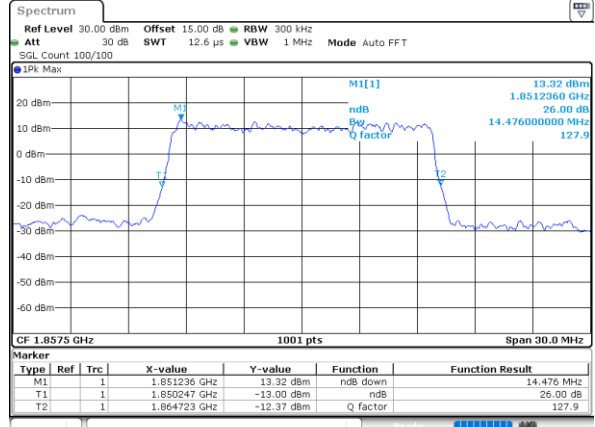
LTE Band 25

Lowest Channel / 15MHz / QPSK



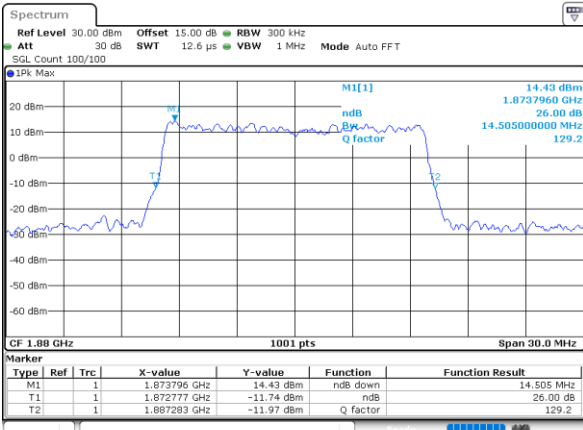
Date: 23.FEB.2023 19:45:42

Lowest Channel / 15MHz / 16QAM



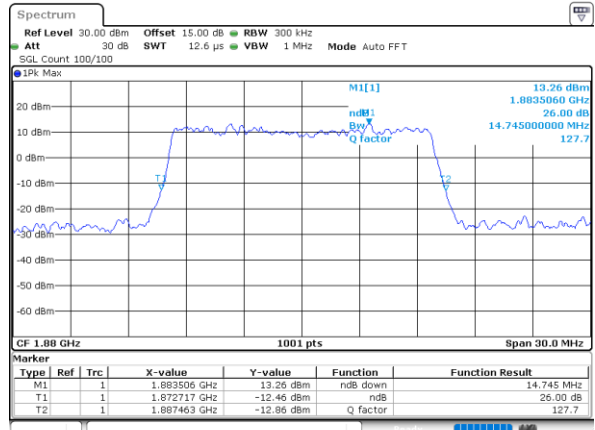
Date: 23.FEB.2023 19:46:06

Middle Channel / 15MHz / QPSK



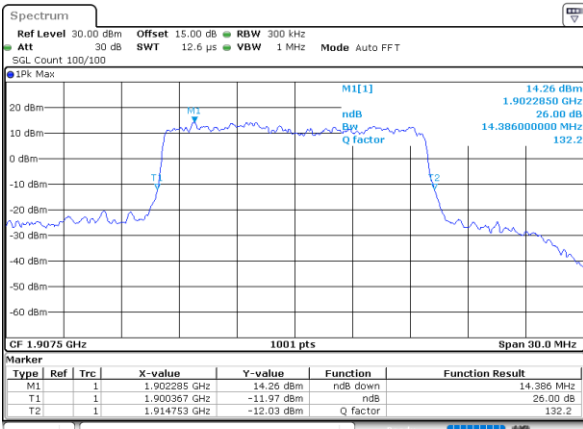
Date: 23.FEB.2023 19:54:50

Middle Channel / 15MHz / 16QAM



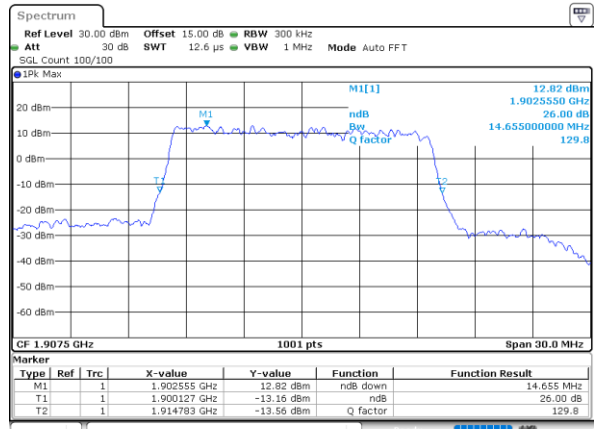
Date: 23.FEB.2023 19:55:14

Highest Channel / 15MHz / QPSK



Date: 23.FEB.2023 19:58:46

Highest Channel / 15MHz / 16QAM

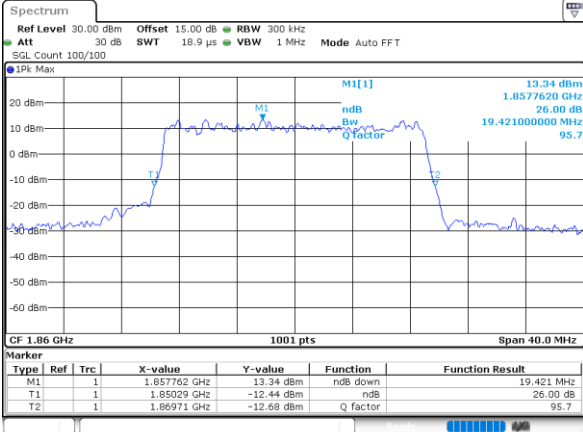


Date: 23.FEB.2023 19:58:22



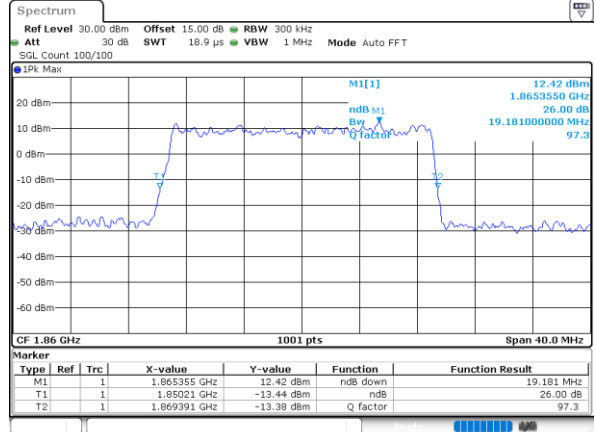
LTE Band 25

Lowest Channel / 20MHz / QPSK



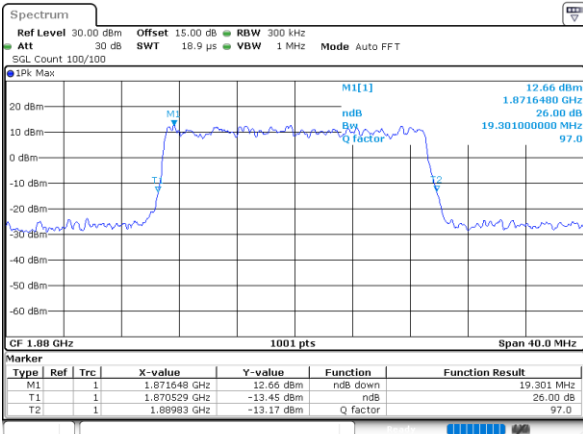
Date: 23.FEB.2023 20:57:59

Lowest Channel / 20MHz / 16QAM



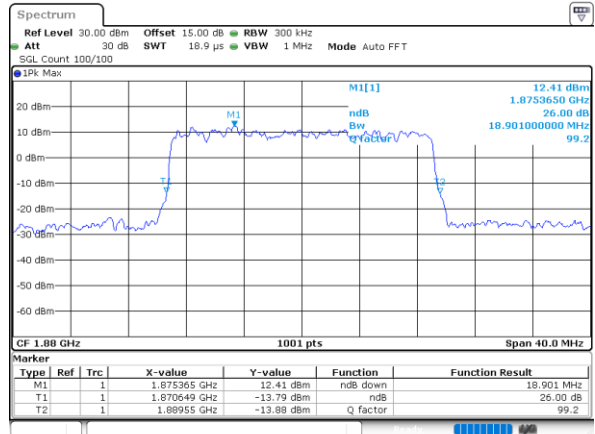
Date: 23.FEB.2023 20:58:23

Middle Channel / 20MHz / QPSK



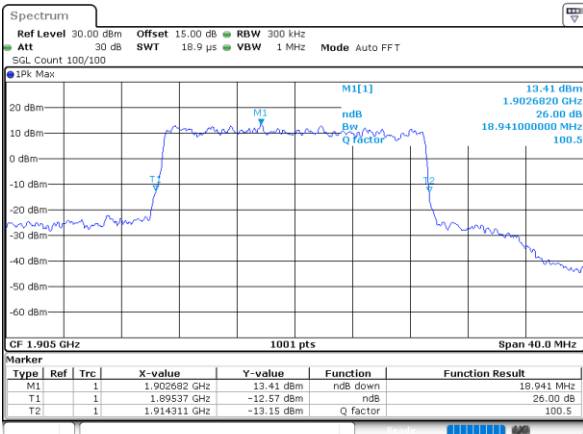
Date: 23.FEB.2023 21:08:30

Middle Channel / 20MHz / 16QAM



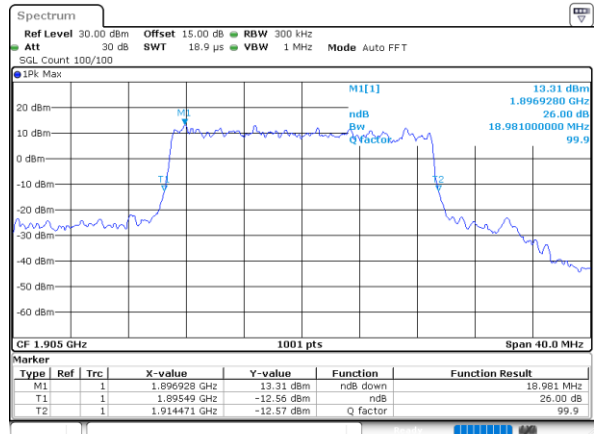
Date: 23.FEB.2023 21:08:53

Highest Channel / 20MHz / QPSK



Date: 23.FEB.2023 21:13:06

Highest Channel / 20MHz / 16QAM



Date: 23.FEB.2023 21:12:42