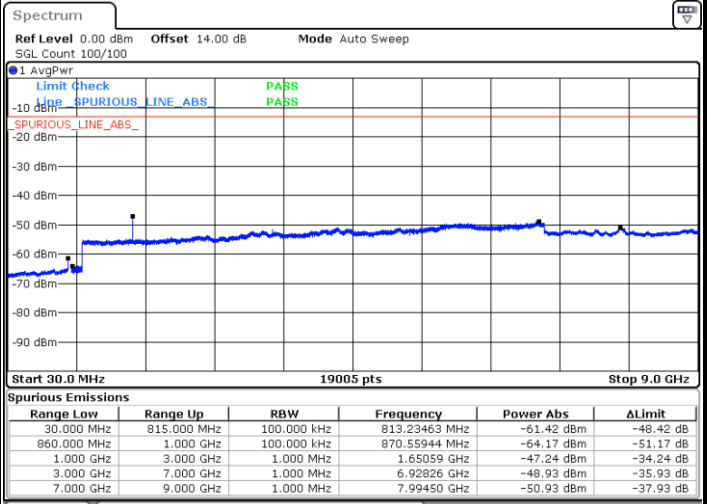
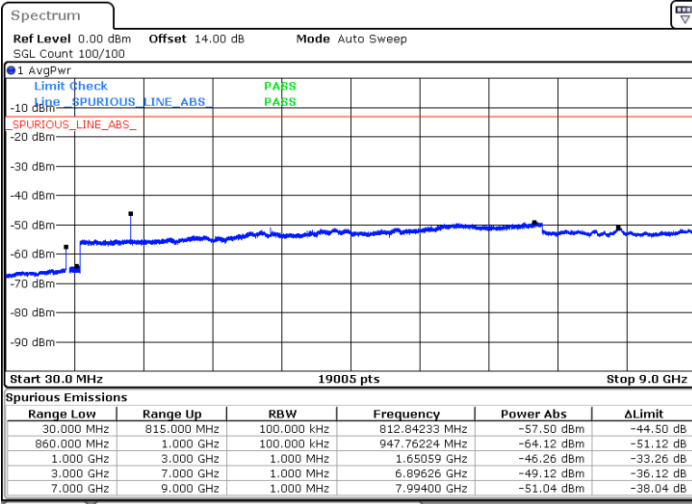




LTE Band 26 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

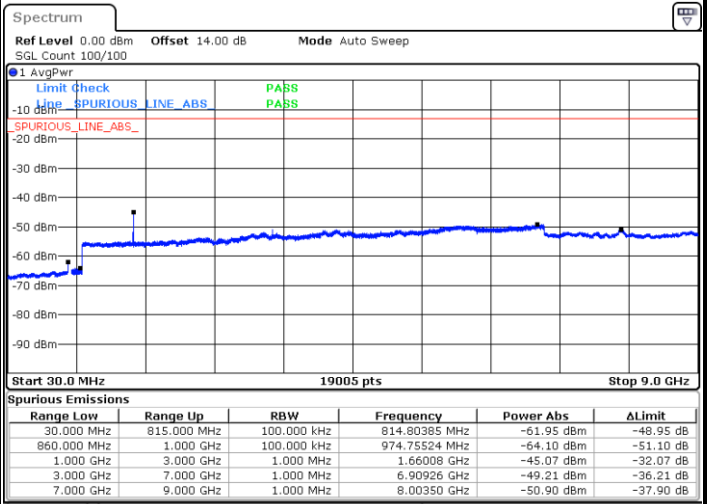
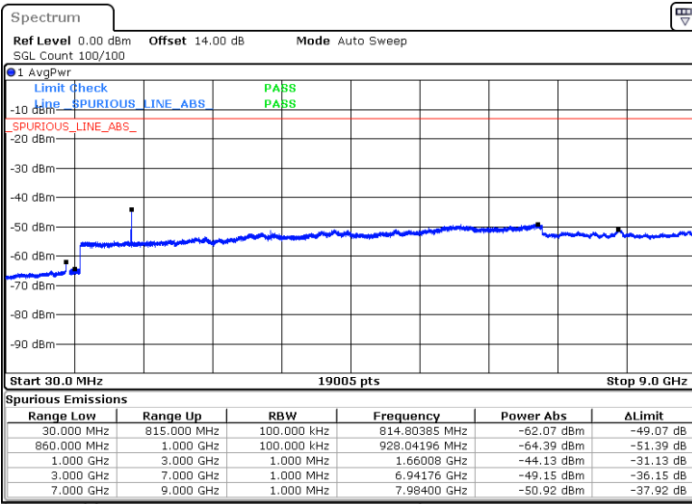


Date: 9.MAR.2023 12:05:10

Date: 9.MAR.2023 12:05:59

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 9.MAR.2023 12:08:15

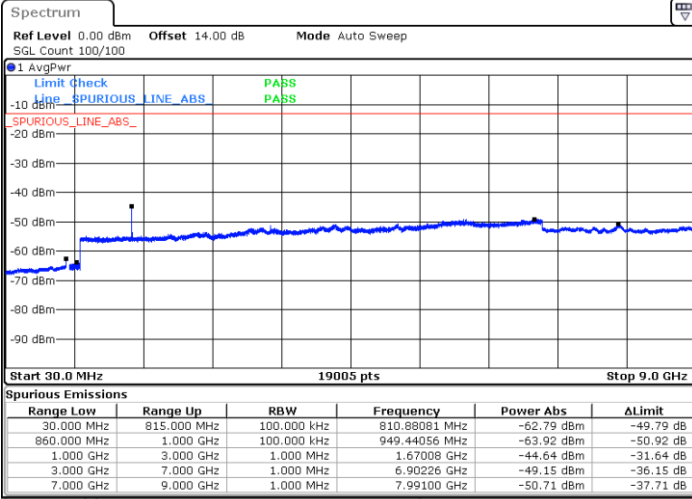
Date: 9.MAR.2023 12:09:05



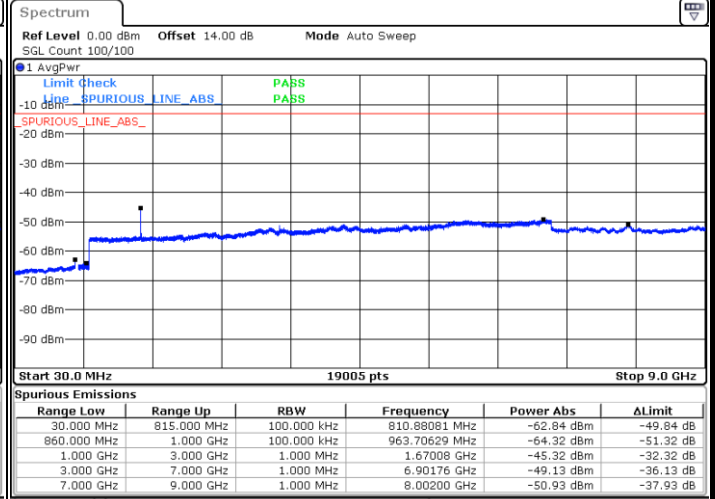
LTE Band 26 / 15MHz

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 9.MAR.2023 12:15:58



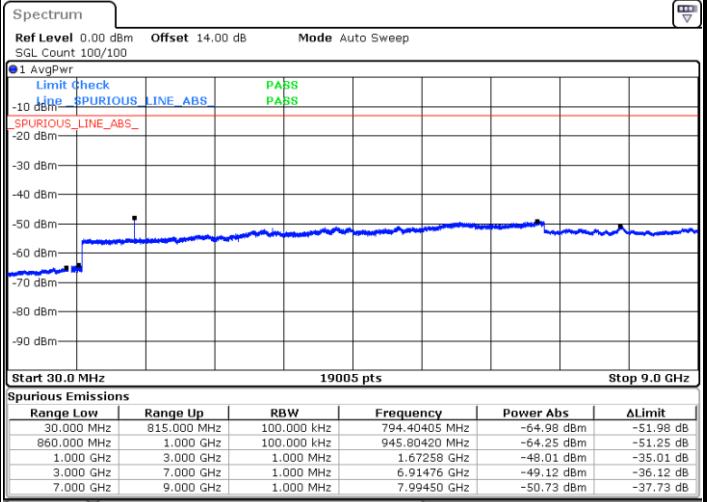
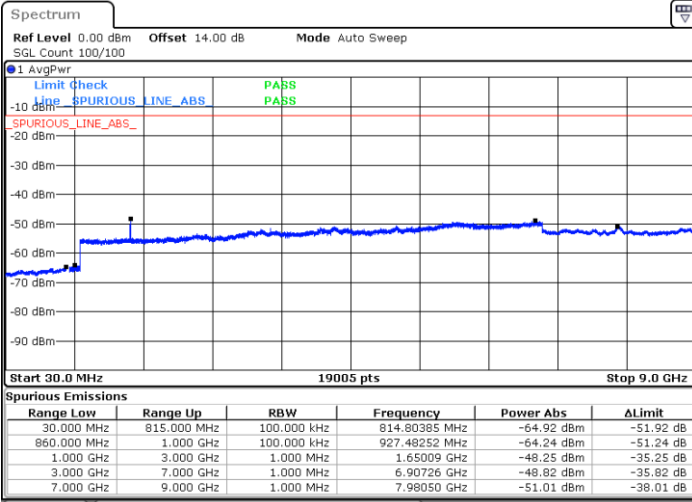
Date: 9.MAR.2023 12:16:47



LTE Band 26 / 1.4MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

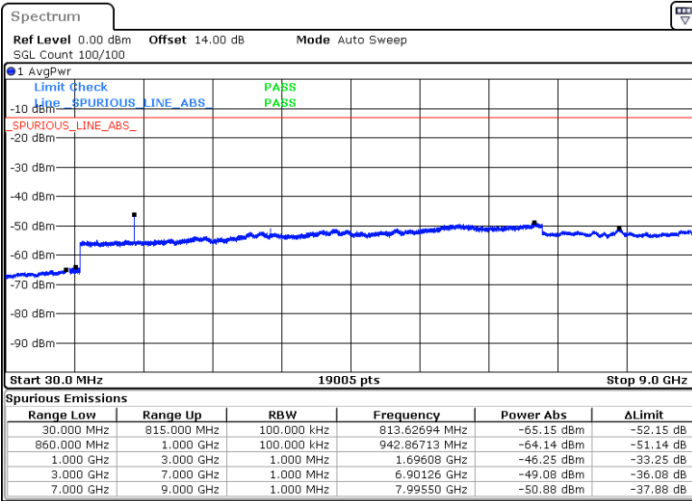


Date: 9.MAR.2023 10:10:45

Date: 9.MAR.2023 10:12:58

Highest Channel / 64QAM

NA



Date: 9.MAR.2023 10:18:37

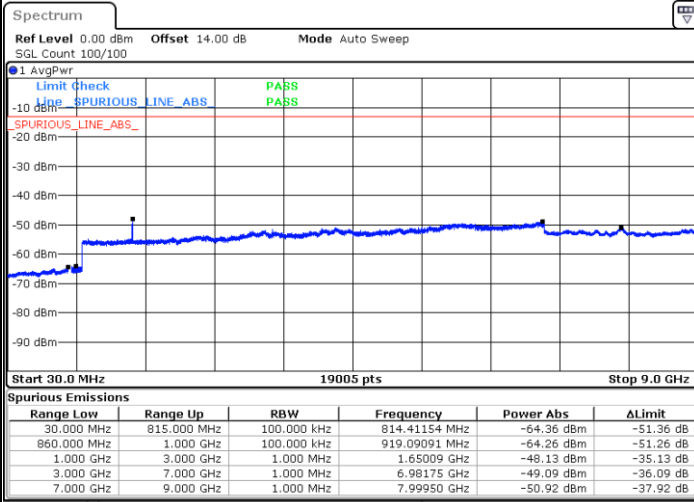
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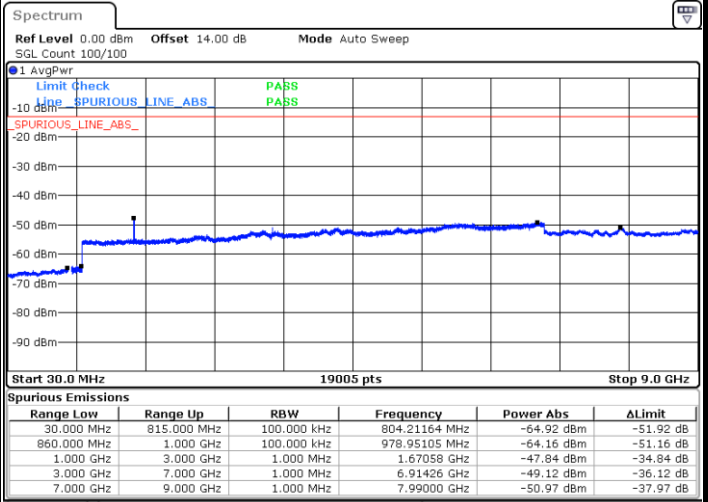
LTE Band 26 / 3MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



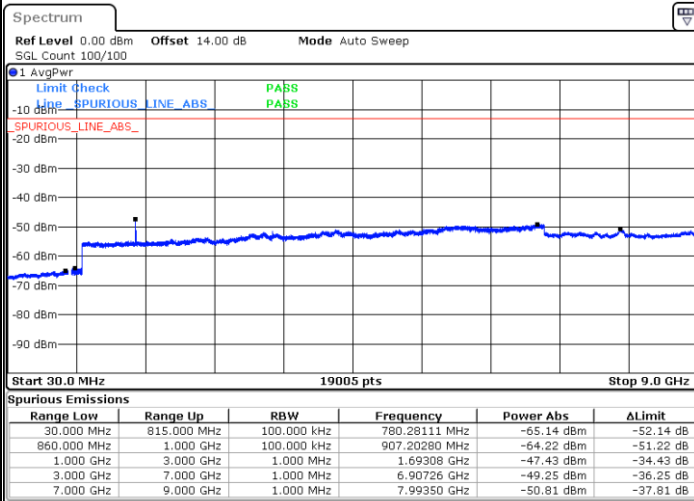
Date: 9.MAR.2023 10:23:58



Date: 9.MAR.2023 10:26:11

Highest Channel / 64QAM

NA



Date: 9.MAR.2023 10:31:49

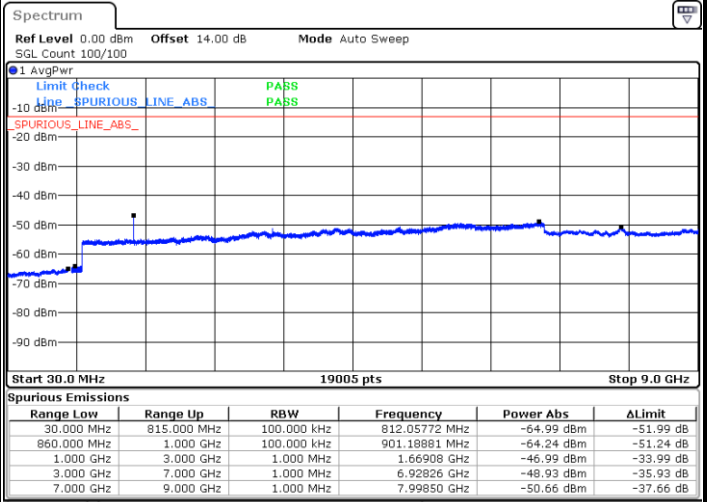
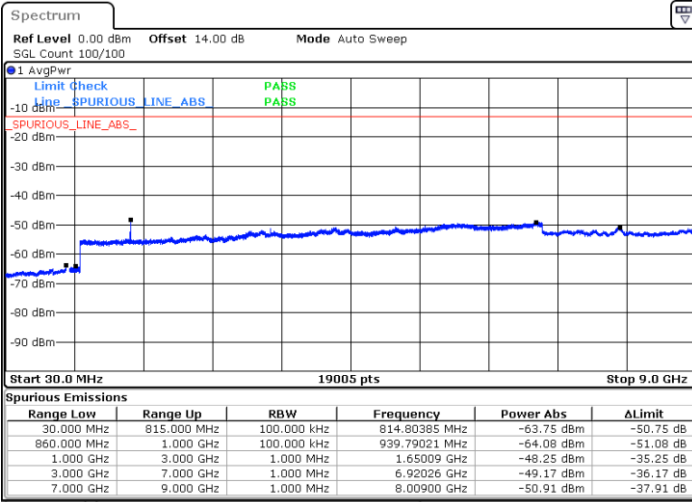
NA



LTE Band 26 / 5MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

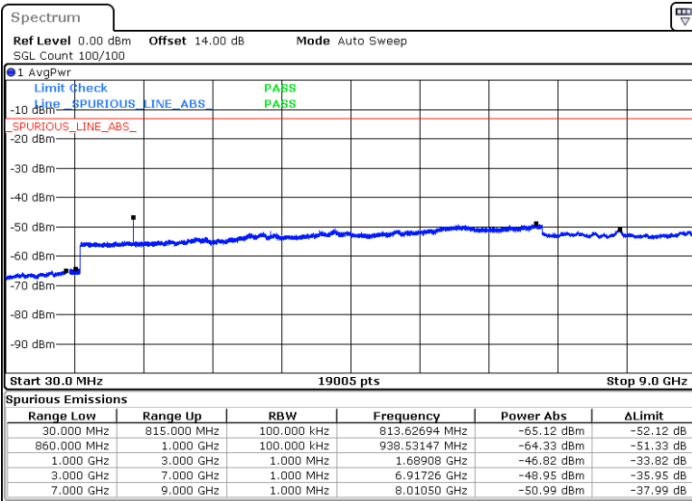


Date: 9.MAR.2023 10:36:09

Date: 9.MAR.2023 10:38:07

Highest Channel / 64QAM

NA



Date: 9.MAR.2023 10:42:45

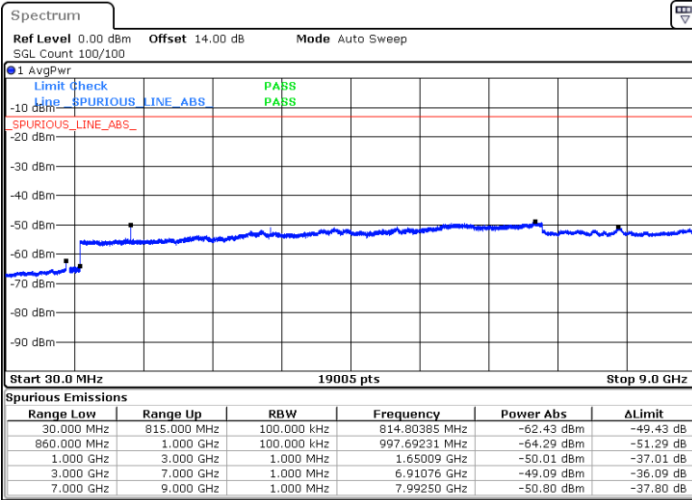
NA



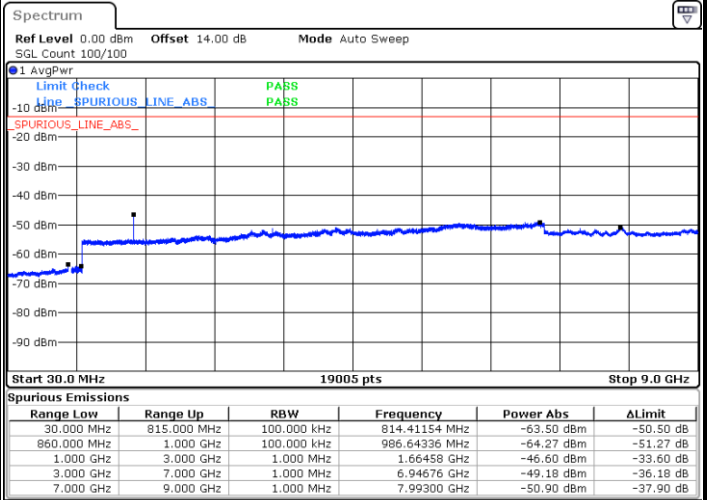
LTE Band 26 / 10MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM



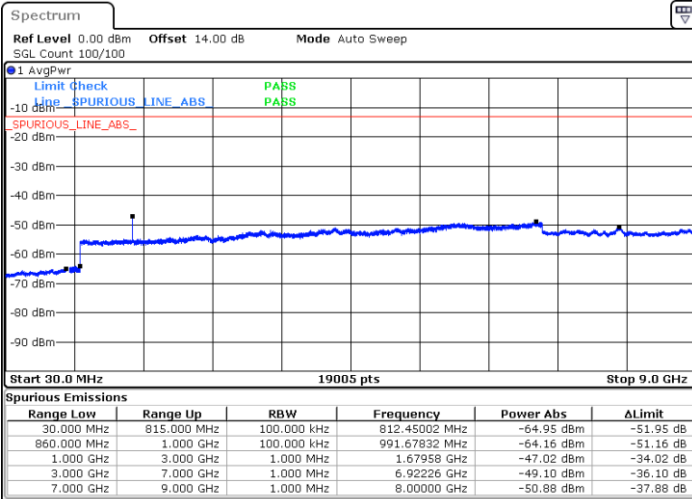
Date: 9.MAR.2023 10:47:05



Date: 9.MAR.2023 10:49:02

Highest Channel / 64QAM

NA



Date: 9.MAR.2023 10:53:40

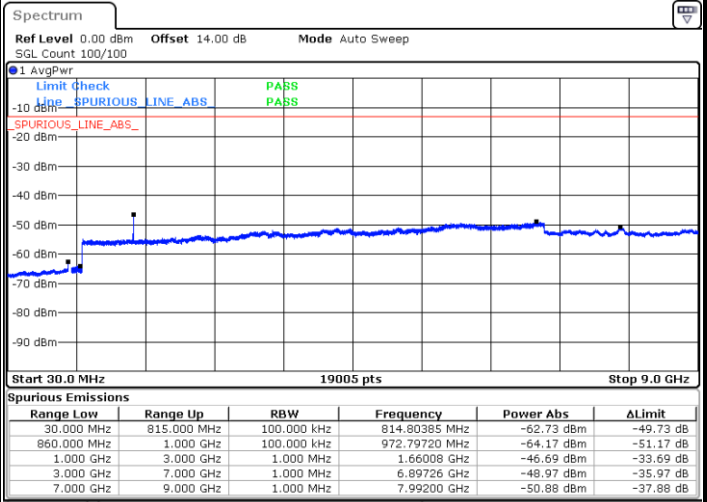
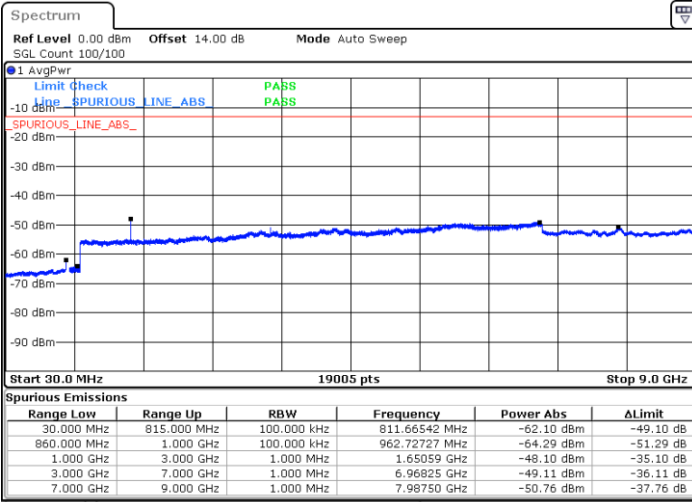
NA



LTE Band 26 / 15MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

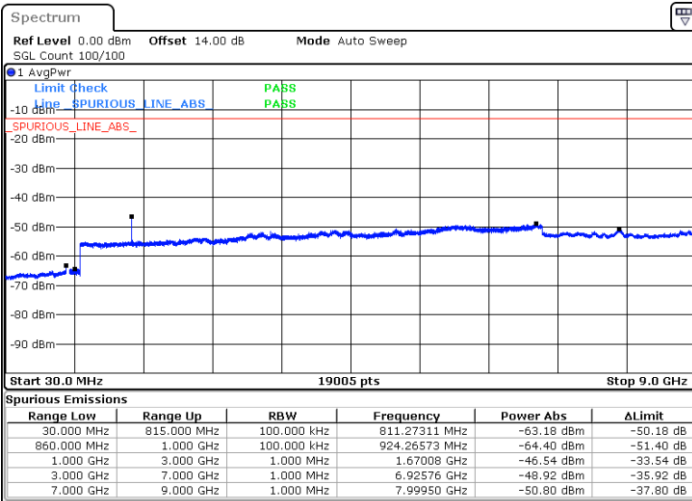


Date: 9.MAR.2023 10:56:00

Date: 9.MAR.2023 10:59:57

Highest Channel / 64QAM

NA



Date: 9.MAR.2023 11:04:16

NA



### Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	Note 2.
		Deviation (ppm)	Result
50	Normal Voltage	0.0059	PASS
40	Normal Voltage	0.0026	
30	Normal Voltage	0.0055	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0008	
0	Normal Voltage	0.0056	
-10	Normal Voltage	0.0023	
-20	Normal Voltage	0.0033	
-30	Normal Voltage	0.0027	
20	Maximum Voltage	0.0013	
20	Normal Voltage	0.0022	
20	Battery End Point	0.0031	

**Note:**

1. Normal Voltage =3.91 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.5 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



# LTE Band 66

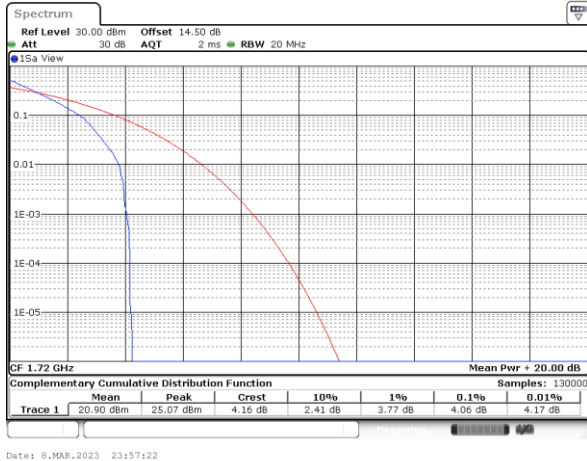
## Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	4.06	5.33	5.19	6.20	PASS
Middle CH	3.77	5.28	4.93	6.26	
Highest CH	4.00	5.28	4.90	6.06	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.51	6.32	-	-	PASS
Middle CH	5.51	6.46	-	-	
Highest CH	5.33	6.46	-	-	

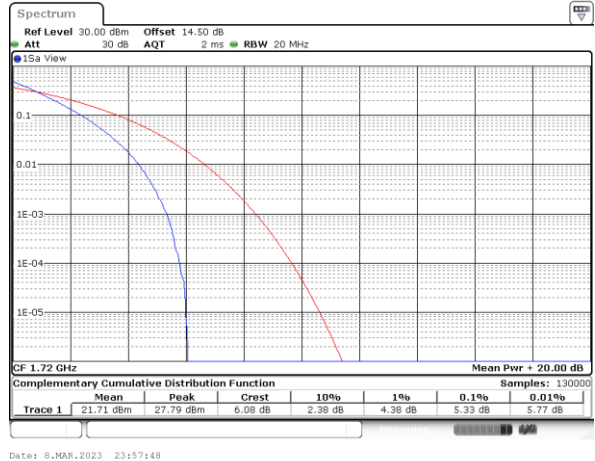


LTE Band 66 / 20MHz / QPSK

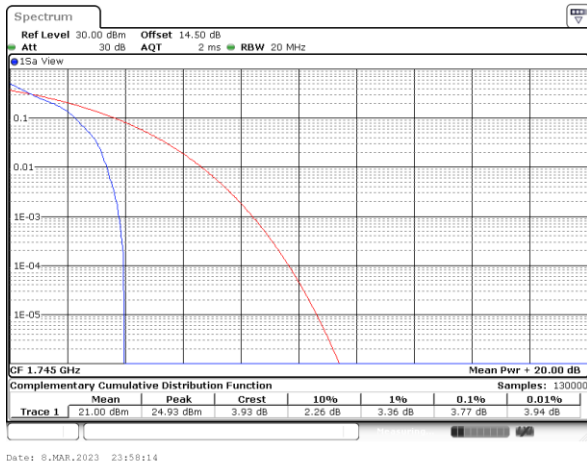
Lowest Channel / 1RB



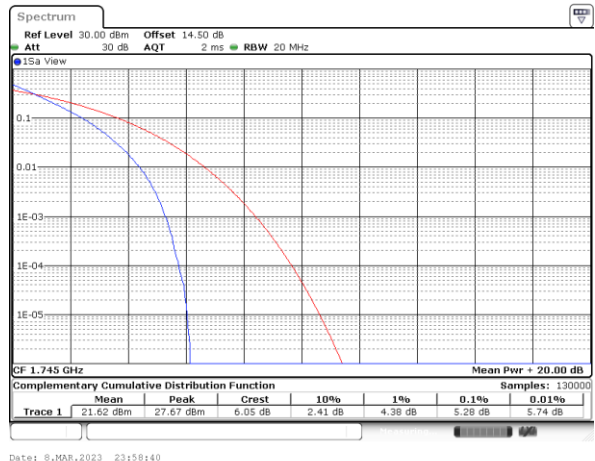
Lowest Channel / Full RB



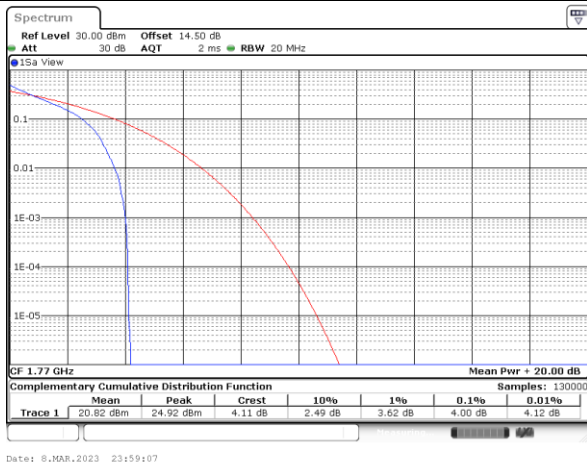
Middle Channel / 1RB



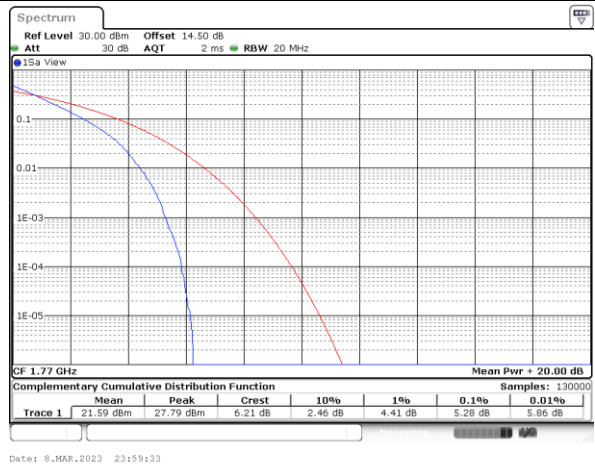
Middle Channel / Full RB



Highest Channel / 1RB



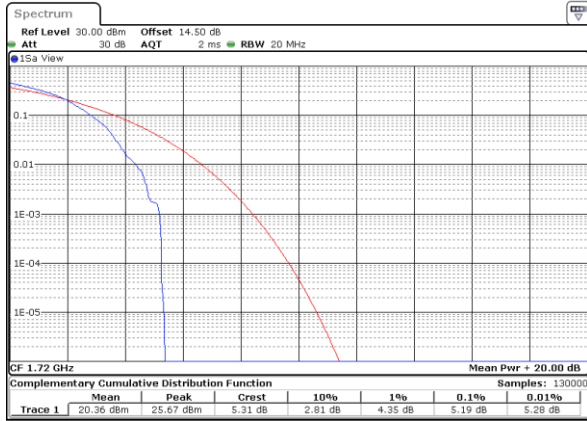
Highest Channel / Full RB





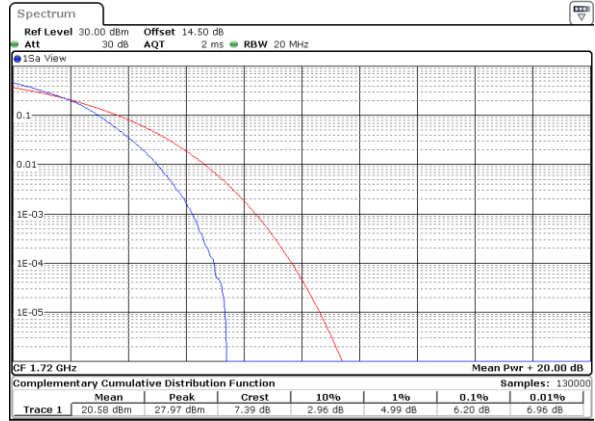
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



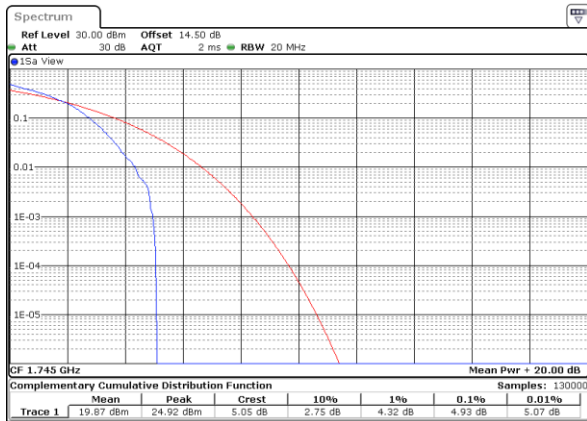
Date: 8,MAR,2023 23:54:44

Lowest Channel / Full RB



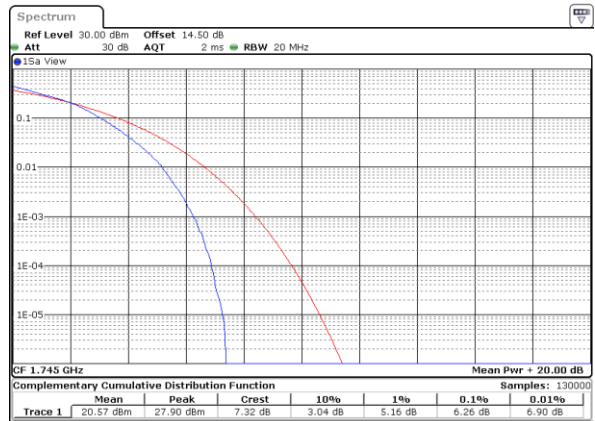
Date: 8,MAR,2023 23:55:11

Middle Channel / 1RB



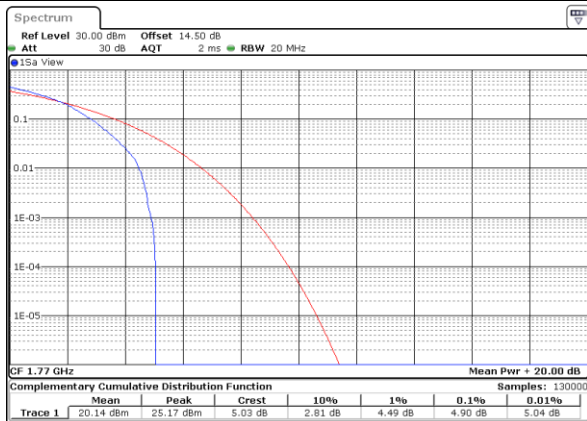
Date: 8,MAR,2023 23:55:37

Middle Channel / Full RB



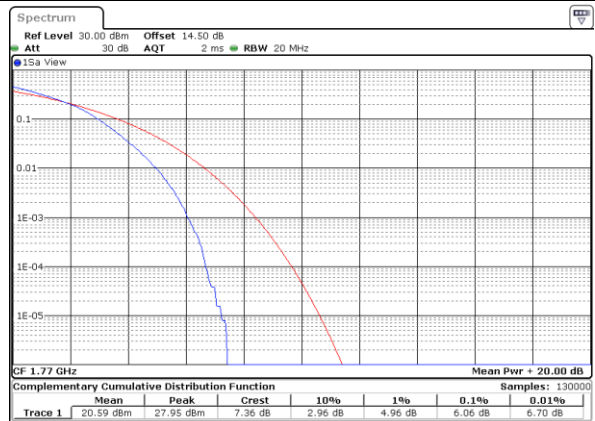
Date: 8,MAR,2023 23:56:03

Highest Channel / 1RB



Date: 8,MAR,2023 23:56:29

Highest Channel / Full RB

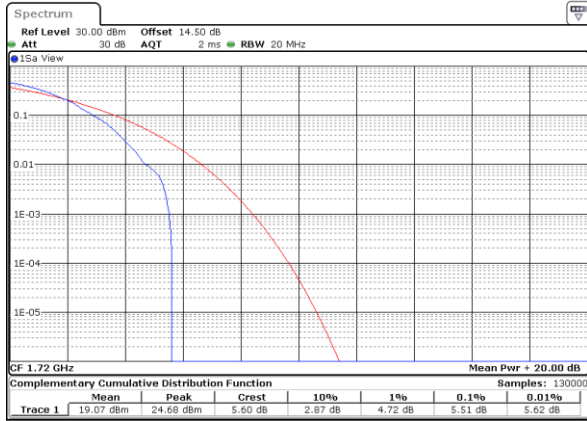


Date: 8,MAR,2023 23:56:56



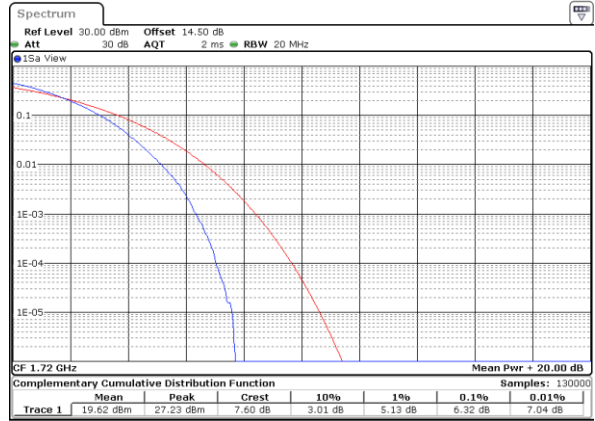
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



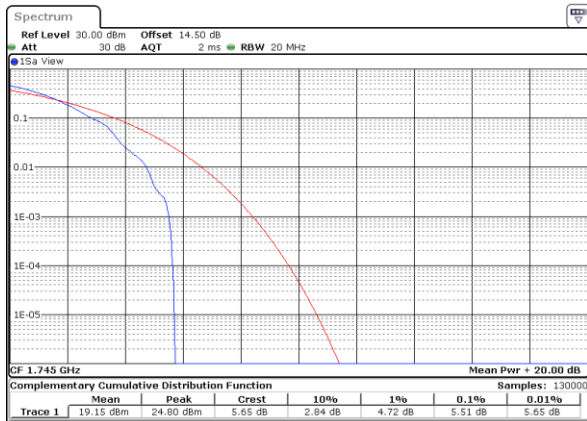
Date: 8,MAR,2023 23:59:59

Lowest Channel / Full RB



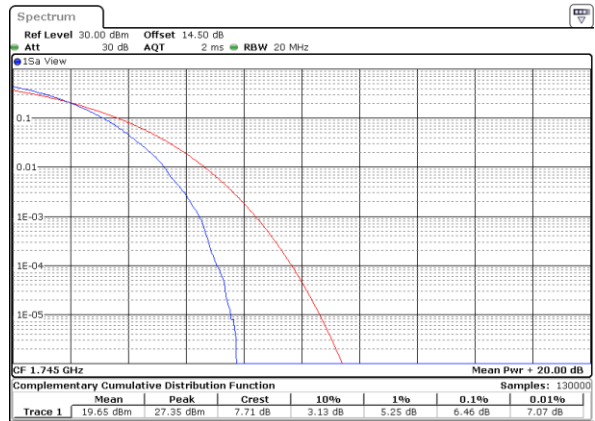
Date: 9,MAR,2023 00:00:26

Middle Channel / 1RB



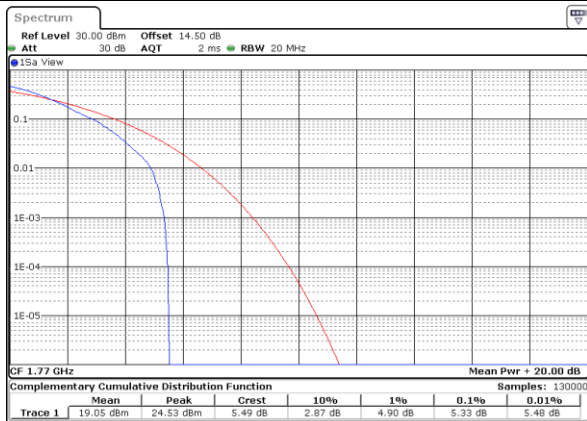
Date: 9,MAR,2023 00:00:52

Middle Channel / Full RB



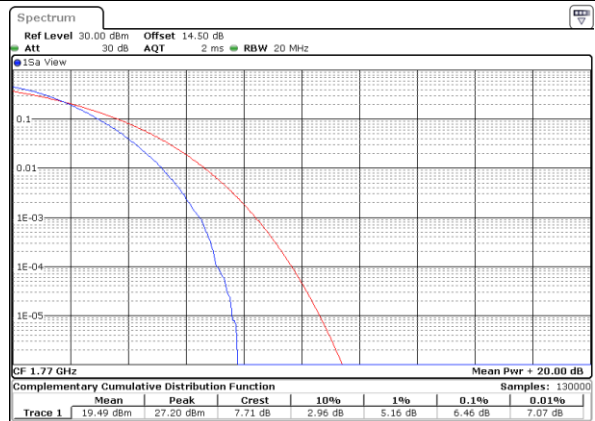
Date: 9,MAR,2023 00:01:18

Highest Channel / 1RB



Date: 9,MAR,2023 00:01:44

Highest Channel / Full RB



Date: 9,MAR,2023 00:02:11



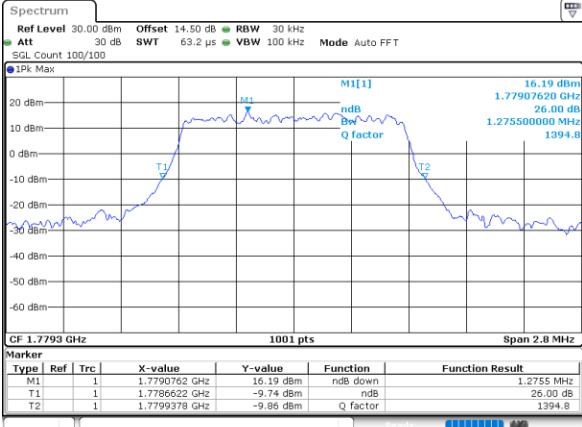
26dB Bandwidth

Mode	LTE Band 66 : 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	1.28	1.27	3.00	3.02	4.76	4.79	9.75	9.73	14.39	14.21	18.74	18.78
Middle CH	1.26	1.29	3.00	2.96	4.90	4.90	9.91	9.73	14.39	14.30	18.94	18.90
Highest CH	1.28	1.30	3.01	2.98	4.89	4.90	9.73	9.89	14.51	14.33	18.98	19.22
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.27	-	2.95	-	4.88	-	9.89	-	14.12	-	18.90	-
Middle CH	1.28	-	2.98	-	4.94	-	9.79	-	14.33	-	18.70	-
Highest CH	1.25	-	2.98	-	4.82	-	9.89	-	14.27	-	18.66	-



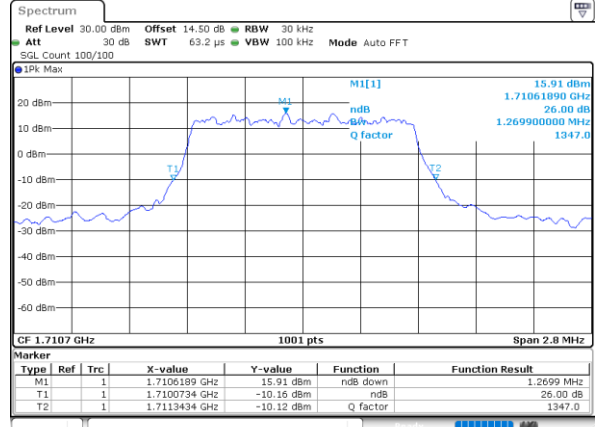
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



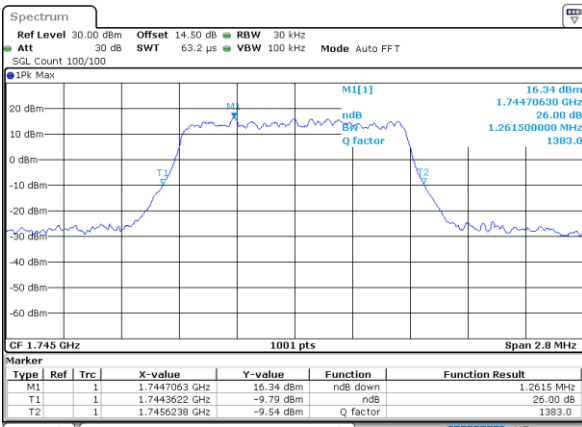
Date: 8\_MAR.2023 20:58:04

Lowest Channel / 1.4MHz / 16QAM



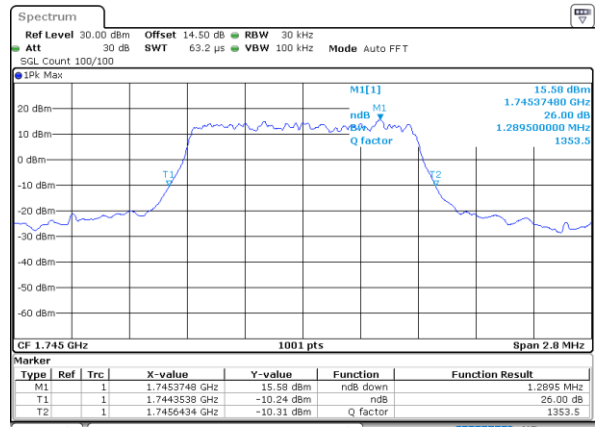
Date: 8\_MAR.2023 20:45:16

Middle Channel / 1.4MHz / QPSK



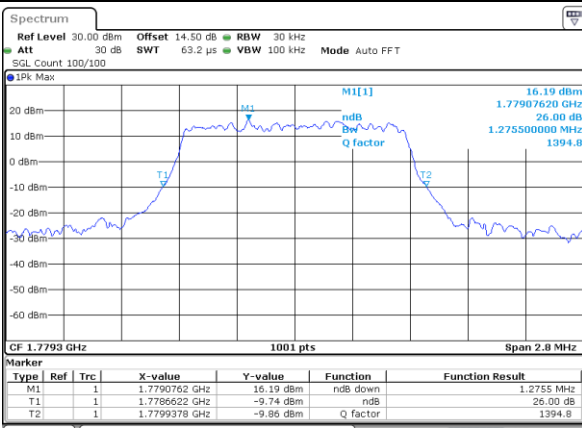
Date: 8\_MAR.2023 20:54:01

Middle Channel / 1.4MHz / 16QAM



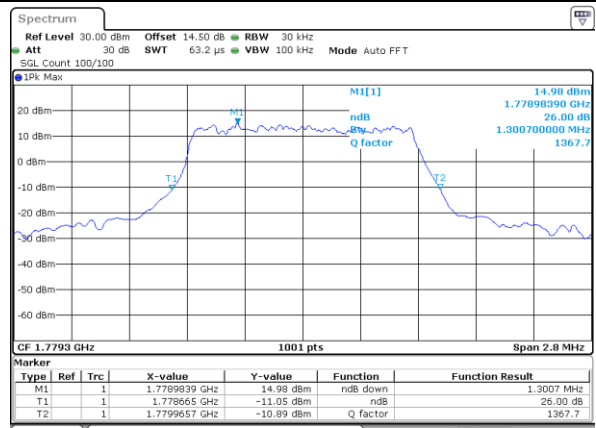
Date: 8\_MAR.2023 20:54:25

Highest Channel / 1.4MHz / QPSK



Date: 8\_MAR.2023 20:58:04

Highest Channel / 1.4MHz / 16QAM

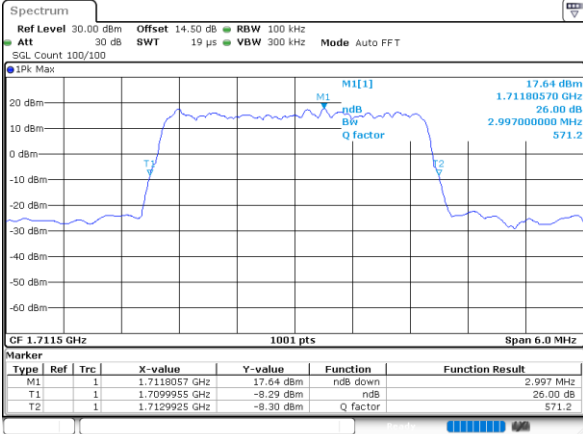


Date: 8\_MAR.2023 20:58:28



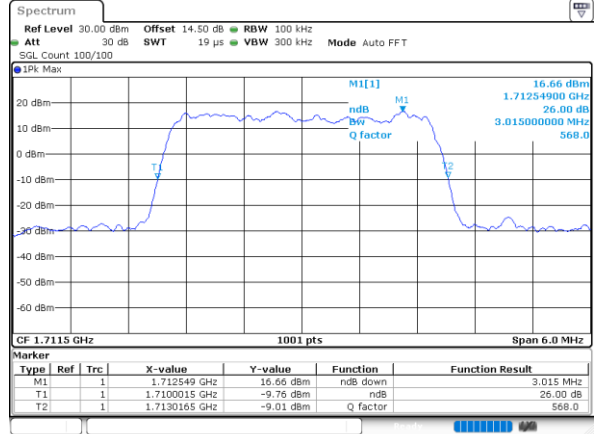
LTE Band 66

Lowest Channel / 3MHz / QPSK



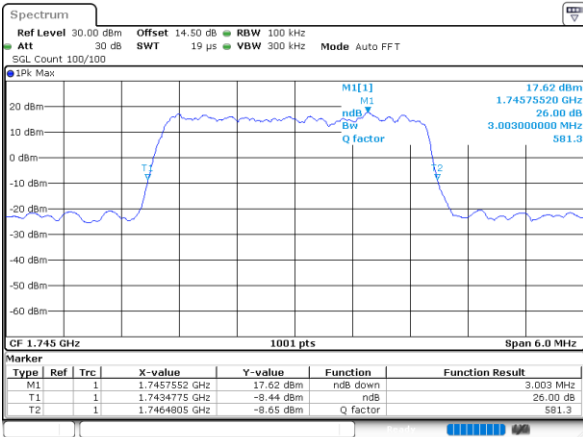
Date: 8\_MAR\_2023 21:17:59

Lowest Channel / 3MHz / 16QAM



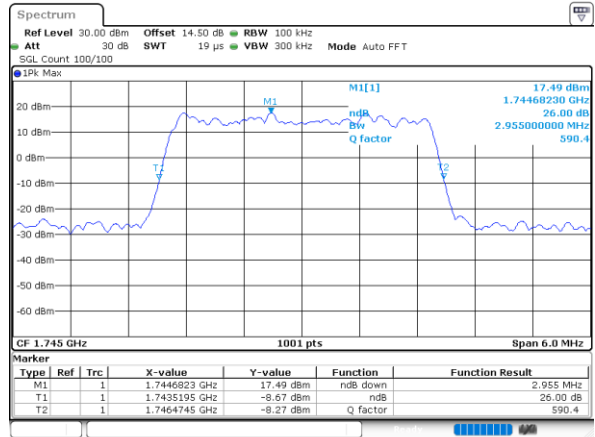
Date: 8\_MAR\_2023 21:18:23

Middle Channel / 3MHz / QPSK



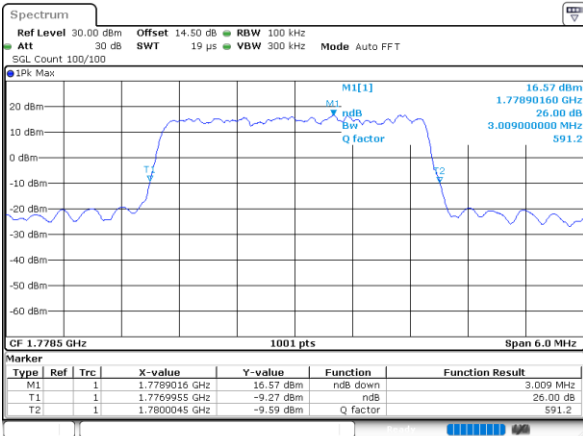
Date: 8\_MAR\_2023 21:26:35

Middle Channel / 3MHz / 16QAM



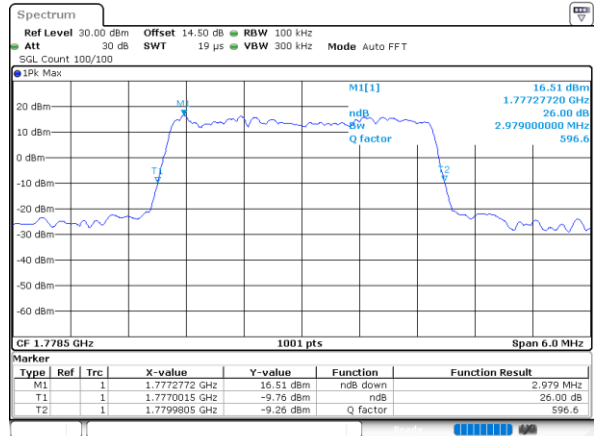
Date: 8\_MAR\_2023 21:26:59

Highest Channel / 3MHz / QPSK



Date: 8\_MAR\_2023 21:30:38

Highest Channel / 3MHz / 16QAM

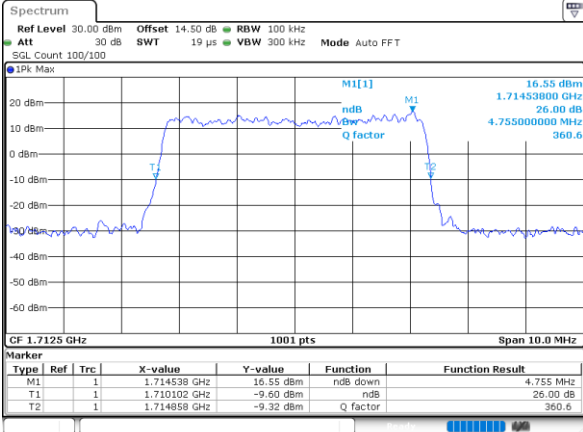


Date: 8\_MAR\_2023 21:31:02

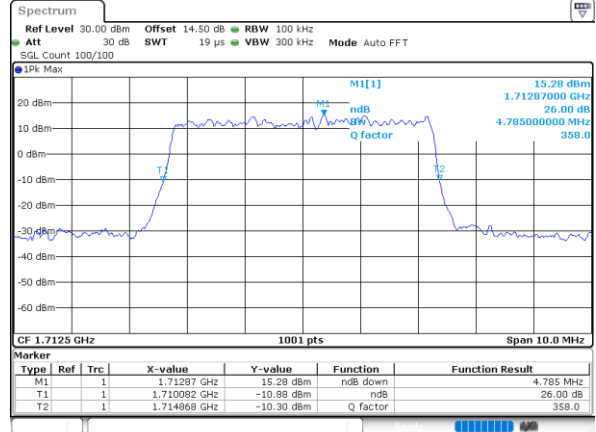


LTE Band 66

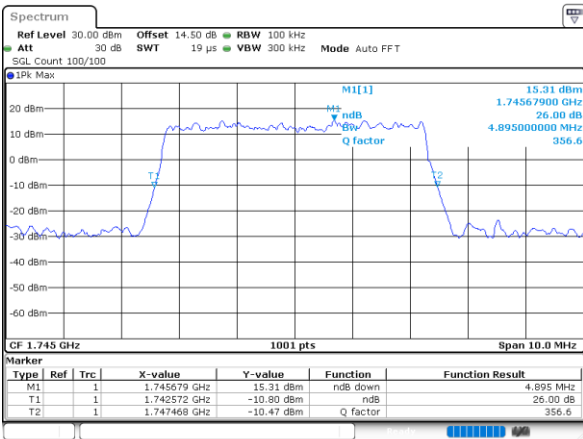
Lowest Channel / 5MHz / QPSK



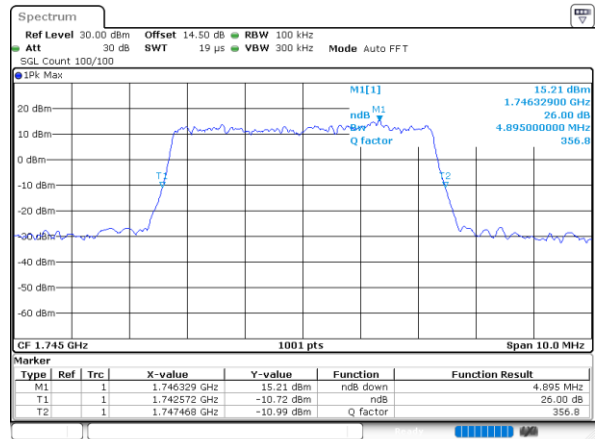
Lowest Channel / 5MHz / 16QAM



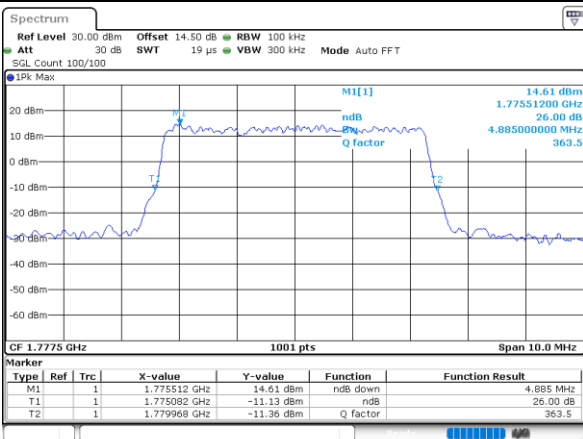
Middle Channel / 5MHz / QPSK



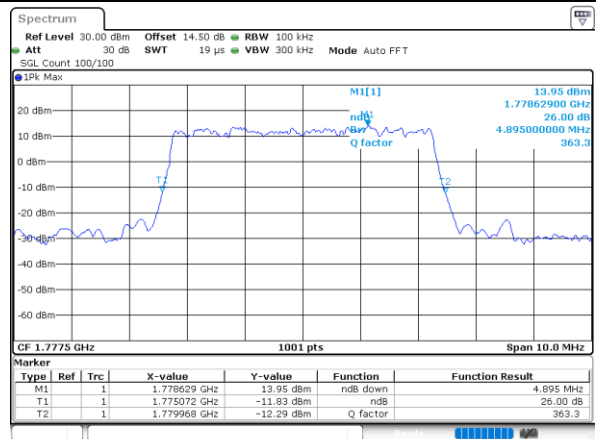
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



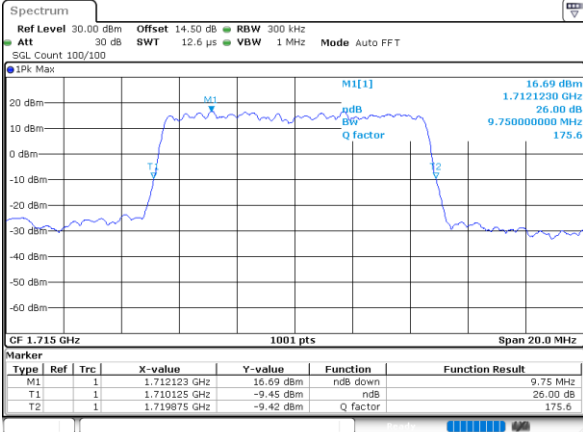
Highest Channel / 5MHz / 16QAM





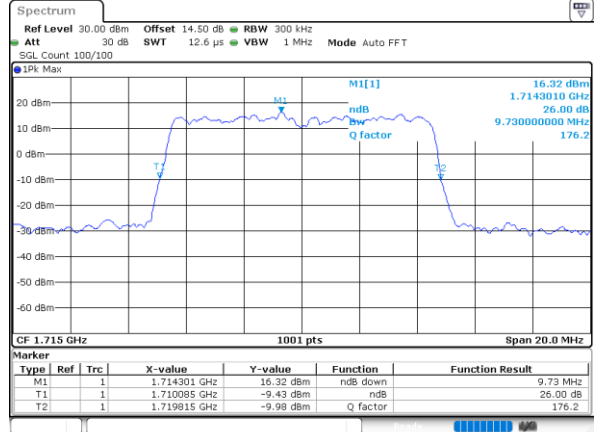
LTE Band 66

Lowest Channel / 10MHz / QPSK



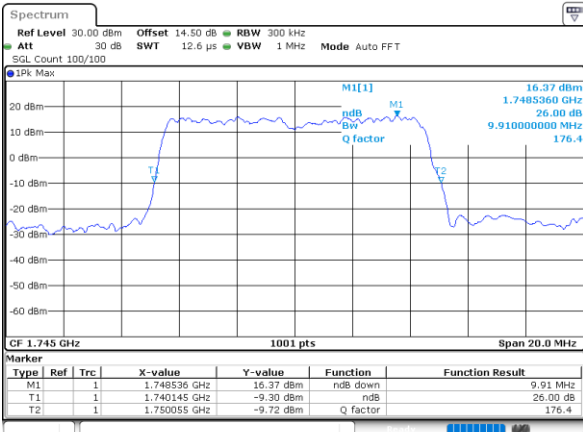
Date: 8,MAR,2023 22:20:58

Lowest Channel / 10MHz / 16QAM



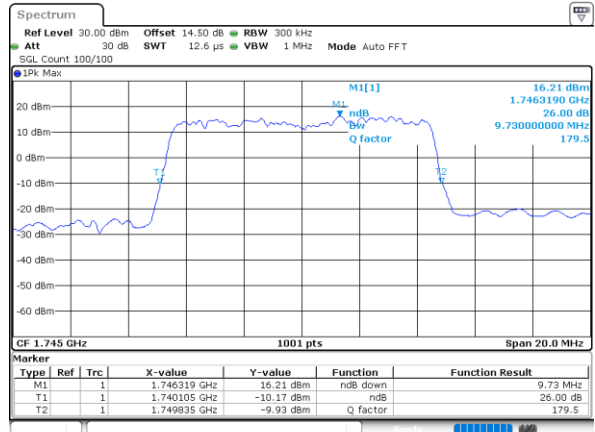
Date: 8,MAR,2023 22:21:22

Middle Channel / 10MHz / QPSK



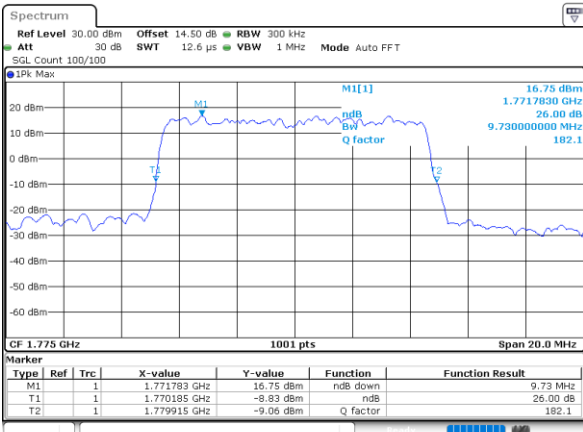
Date: 8,MAR,2023 22:29:35

Middle Channel / 10MHz / 16QAM



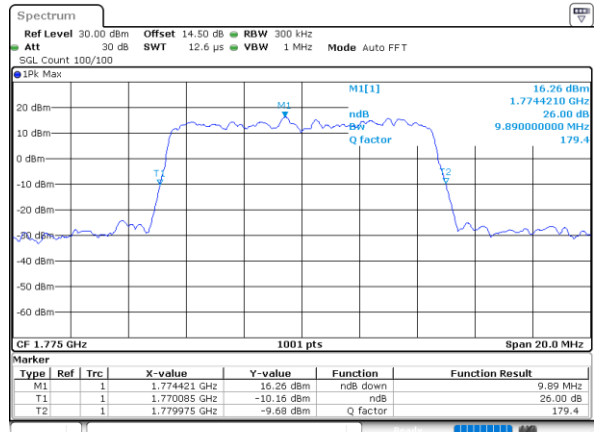
Date: 8,MAR,2023 22:30:00

Highest Channel / 10MHz / QPSK



Date: 8,MAR,2023 22:33:40

Highest Channel / 10MHz / 16QAM

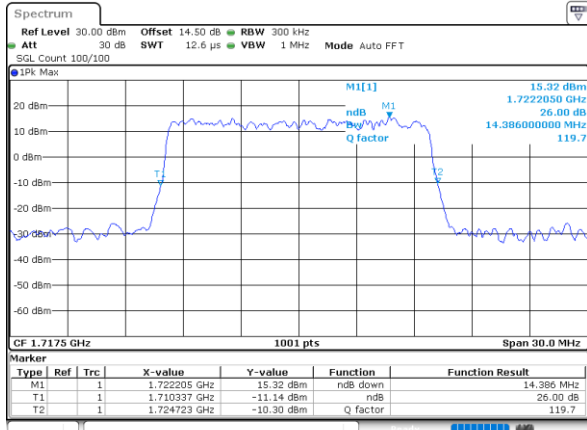


Date: 8,MAR,2023 22:34:04



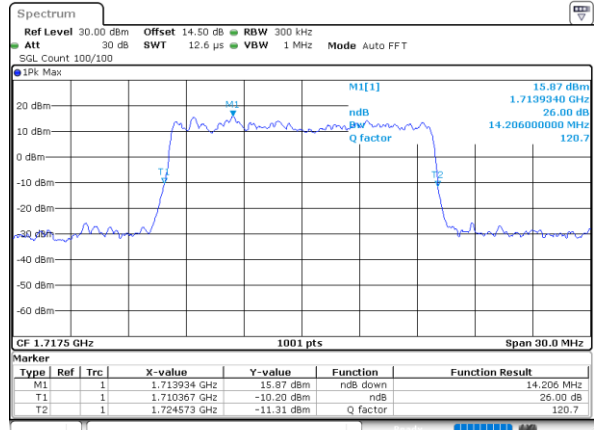
LTE Band 66

Lowest Channel / 15MHz / QPSK



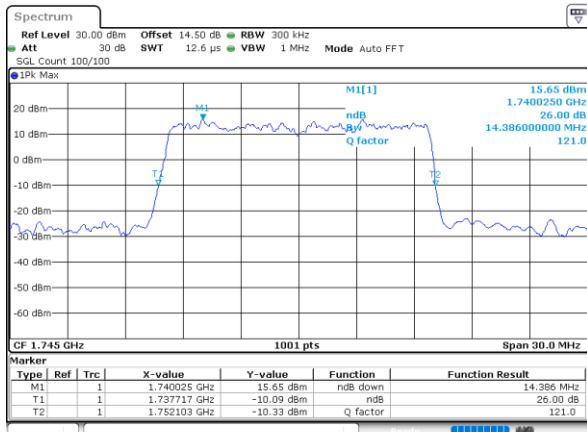
Date: 8,MAR,2023 23:02:42

Lowest Channel / 15MHz / 16QAM



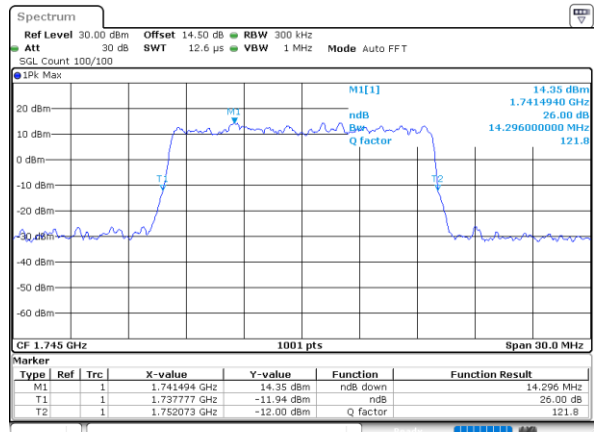
Date: 8,MAR,2023 23:03:06

Middle Channel / 15MHz / QPSK



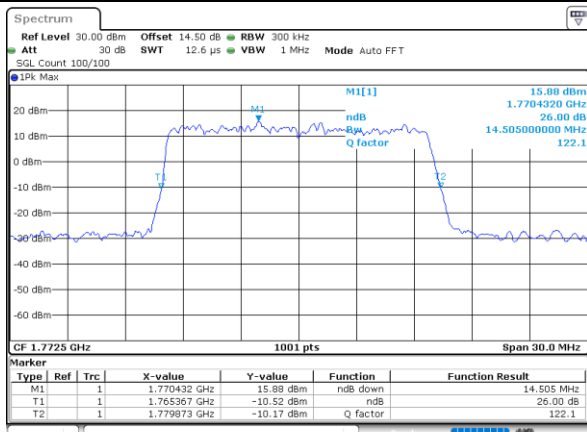
Date: 8,MAR,2023 23:11:19

Middle Channel / 15MHz / 16QAM



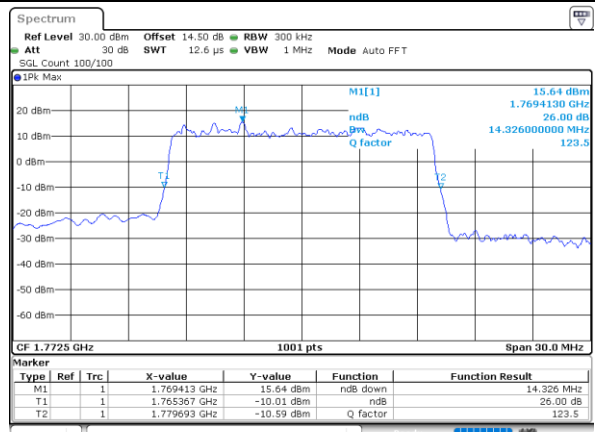
Date: 8,MAR,2023 23:11:43

Highest Channel / 15MHz / QPSK



Date: 8,MAR,2023 23:15:24

Highest Channel / 15MHz / 16QAM

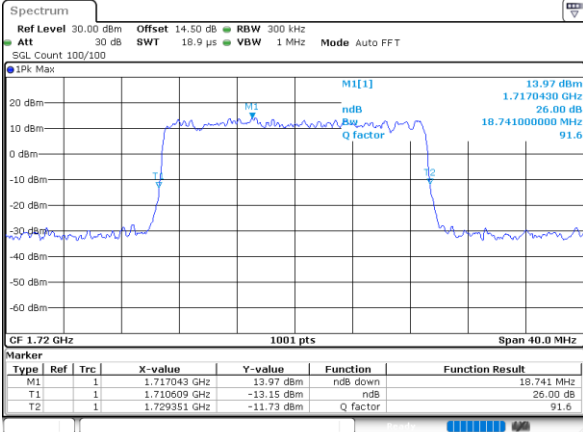


Date: 8,MAR,2023 23:15:48



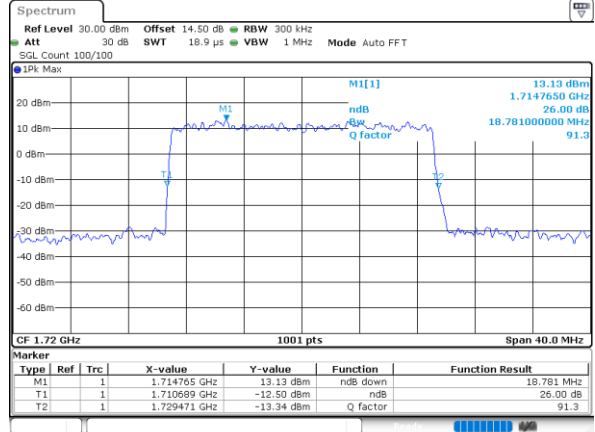
LTE Band 66

Lowest Channel / 20MHz / QPSK



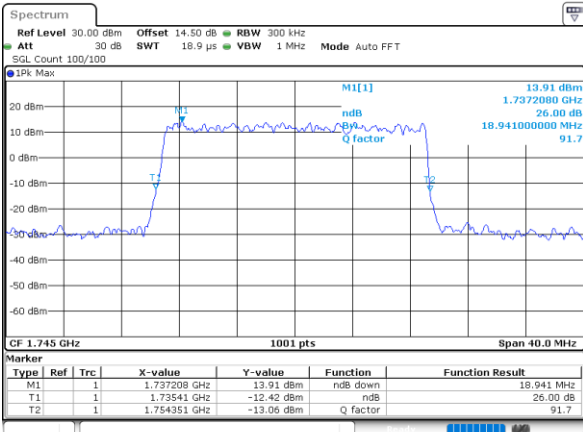
Date: 8,MAR,2023 23:24:02

Lowest Channel / 20MHz / 16QAM



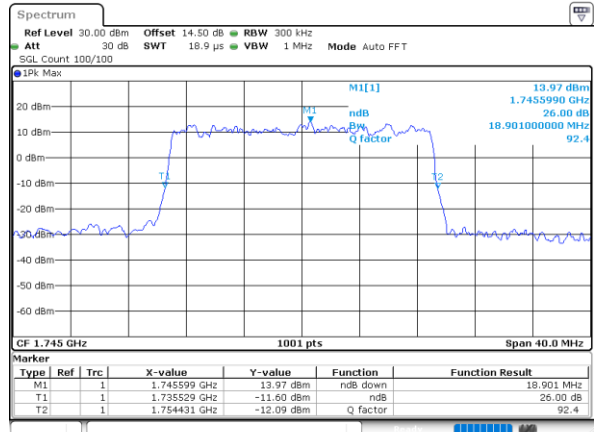
Date: 8,MAR,2023 23:24:26

Middle Channel / 20MHz / QPSK



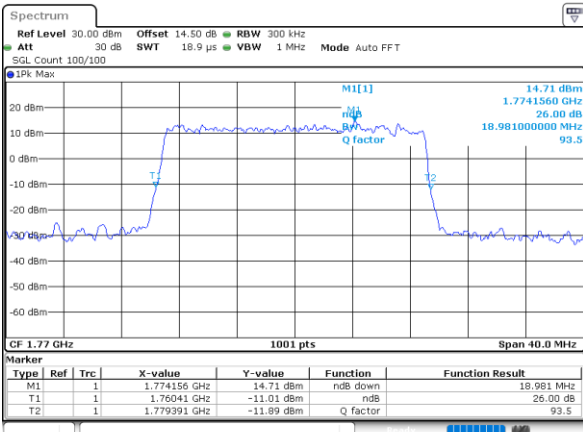
Date: 8,MAR,2023 23:32:39

Middle Channel / 20MHz / 16QAM



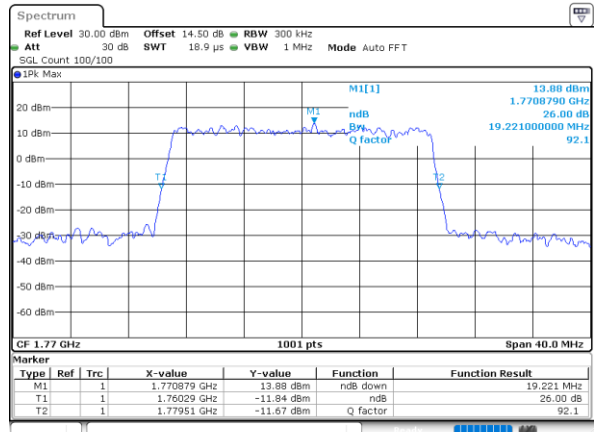
Date: 8,MAR,2023 23:33:03

Highest Channel / 20MHz / QPSK



Date: 8,MAR,2023 23:36:43

Highest Channel / 20MHz / 16QAM

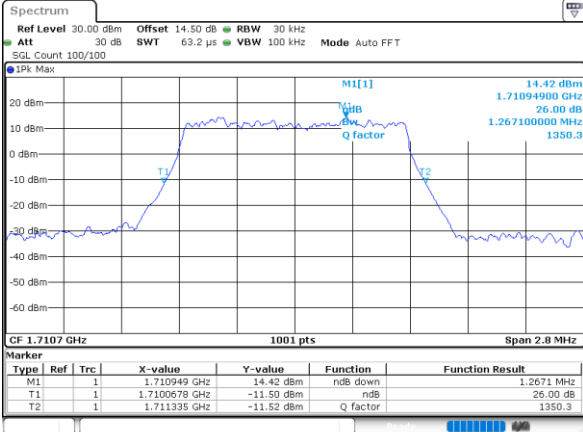


Date: 8,MAR,2023 23:37:07



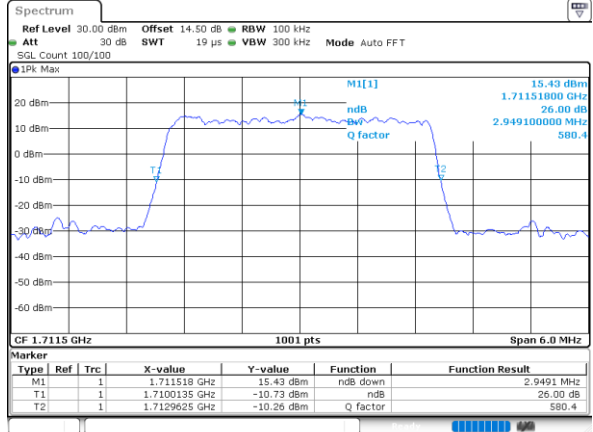
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



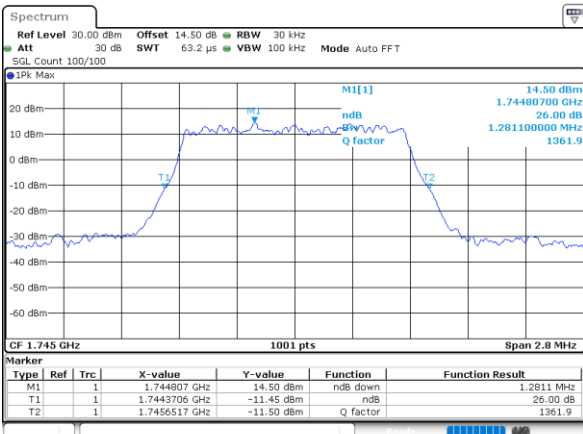
Date: 8\_MAR\_2023 21:06:42

Lowest Channel / 3MHz / 64QAM



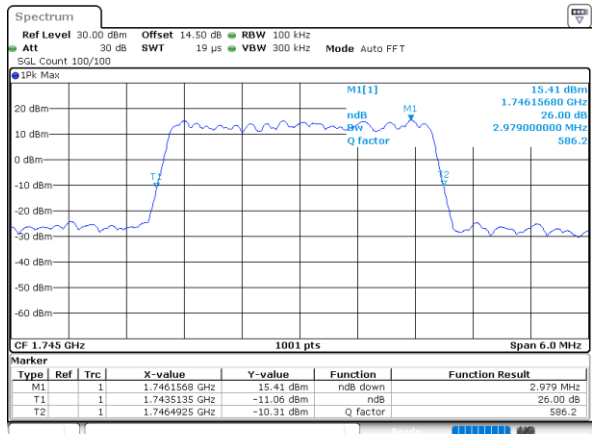
Date: 8\_MAR\_2023 21:38:42

Middle Channel / 1.4MHz / 64QAM



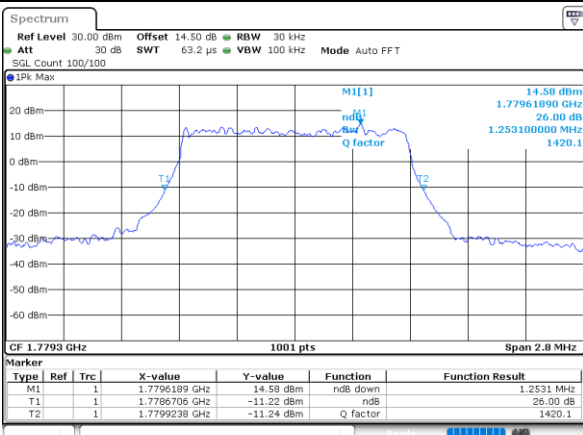
Date: 8\_MAR\_2023 21:11:07

Middle Channel / 3MHz / 64QAM



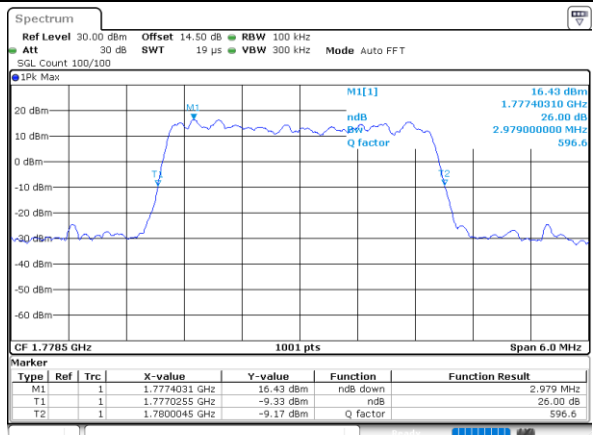
Date: 8\_MAR\_2023 21:42:51

Highest Channel / 1.4MHz / 64QAM



Date: 8\_MAR\_2023 21:12:59

Highest Channel / 3MHz / 64QAM

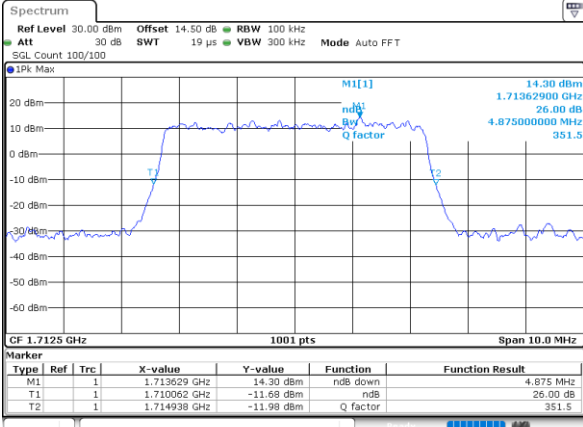


Date: 8\_MAR\_2023 21:44:43



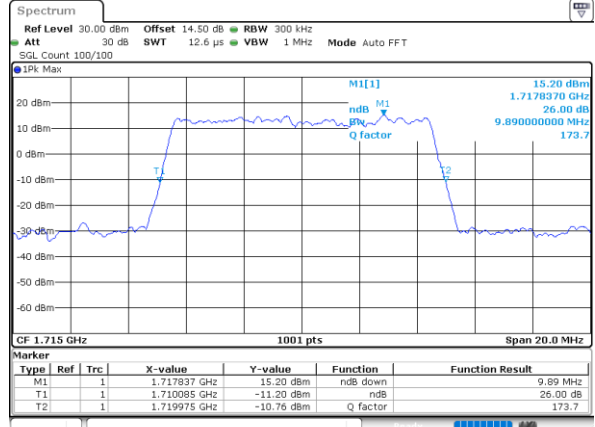
LTE Band 66

Lowest Channel / 5MHz / 64QAM



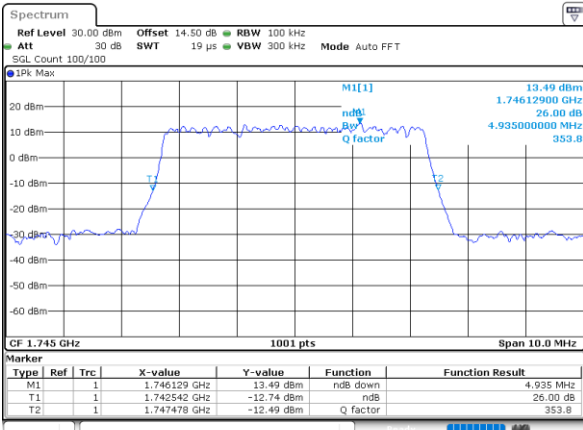
Date: 8,MAR,2023 21:48:54

Lowest Channel / 10MHz / 64QAM



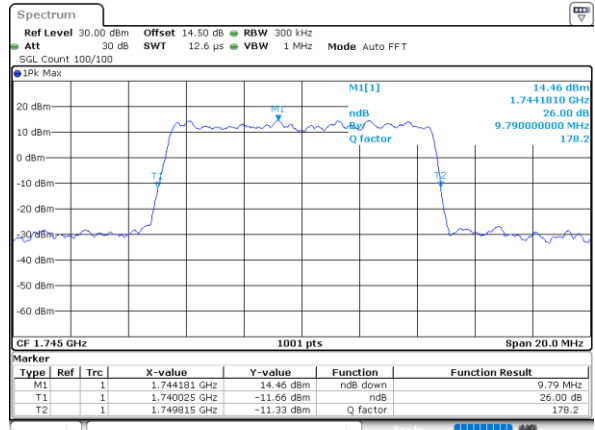
Date: 8,MAR,2023 22:41:46

Middle Channel / 5MHz / 64QAM



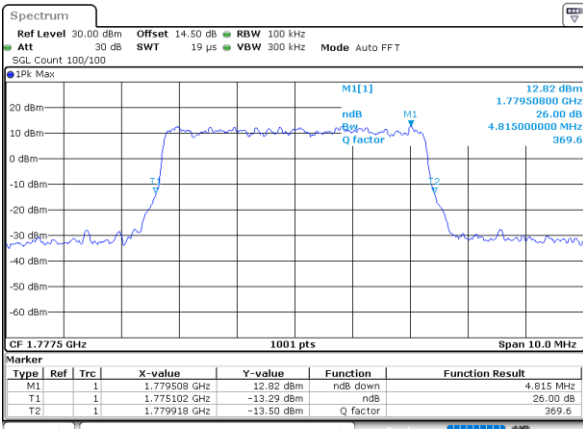
Date: 8,MAR,2023 21:53:03

Middle Channel / 10MHz / 64QAM



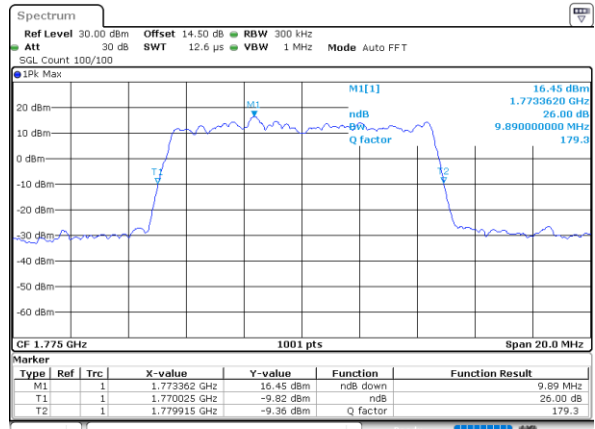
Date: 8,MAR,2023 22:45:55

Highest Channel / 5MHz / 64QAM



Date: 8,MAR,2023 21:54:55

Highest Channel / 10MHz / 64QAM

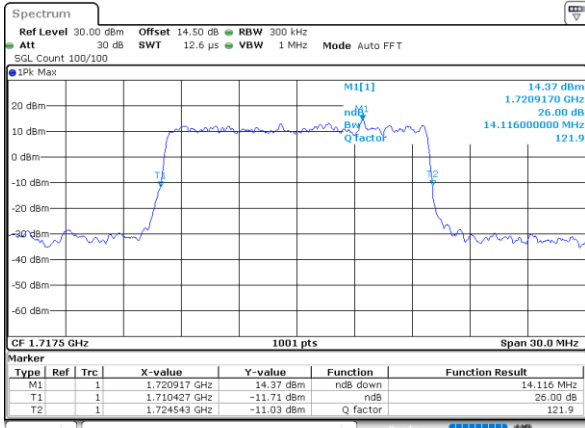


Date: 8,MAR,2023 22:47:47



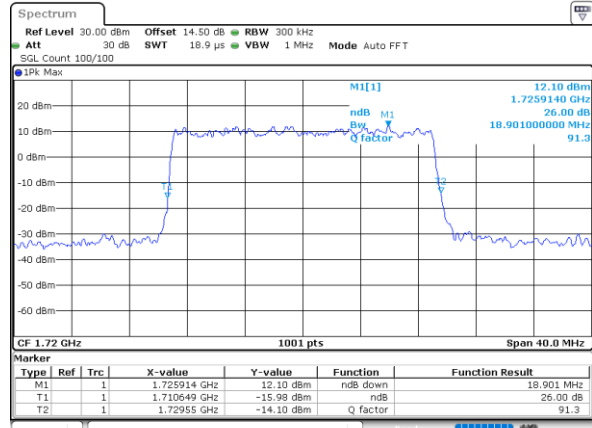
LTE Band 66

Lowest Channel / 15MHz / 64QAM



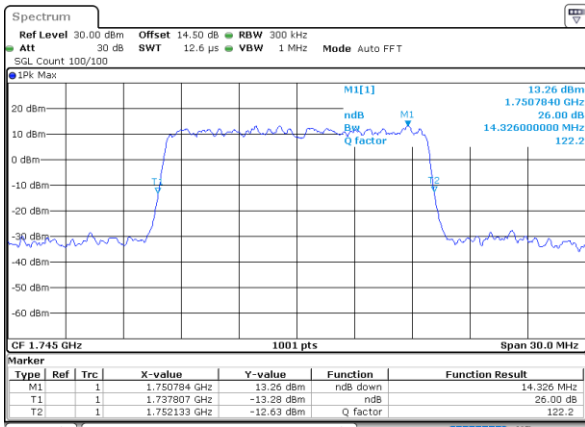
Date: 8,MAR,2023 22:51:58

Lowest Channel / 20MHz / 64QAM



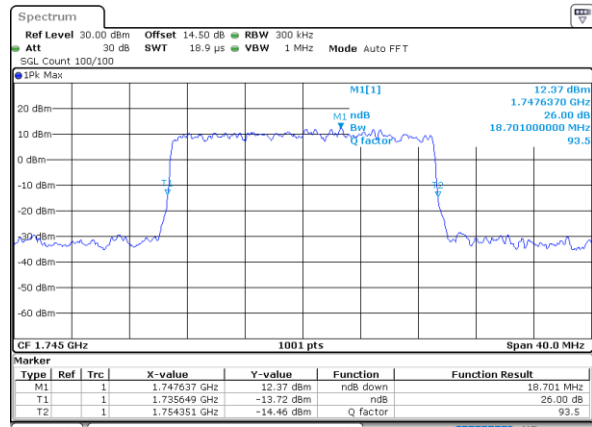
Date: 8,MAR,2023 23:44:47

Middle Channel / 15MHz / 64QAM



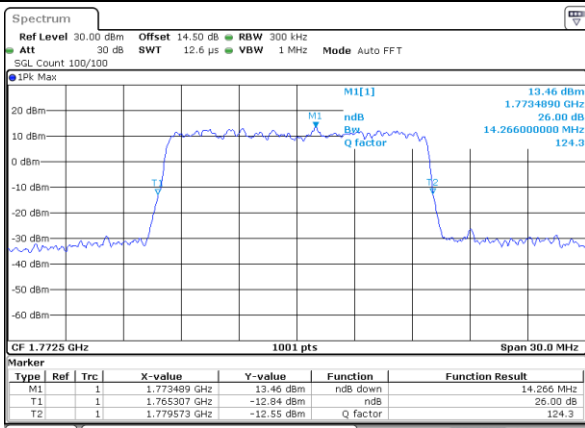
Date: 8,MAR,2023 22:56:07

Middle Channel / 20MHz / 64QAM



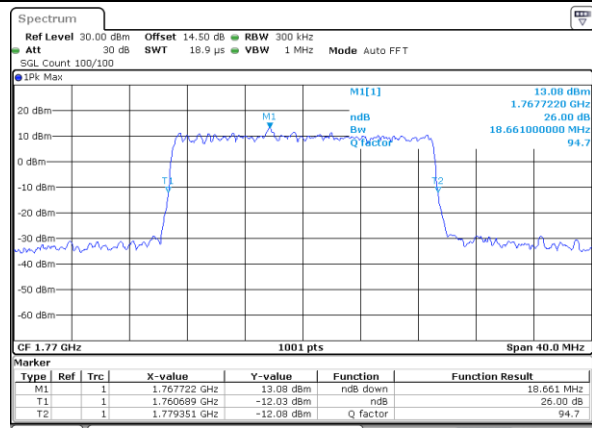
Date: 8,MAR,2023 23:48:57

Highest Channel / 15MHz / 64QAM



Date: 8,MAR,2023 22:57:59

Highest Channel / 20MHz / 64QAM



Date: 8,MAR,2023 23:50:49



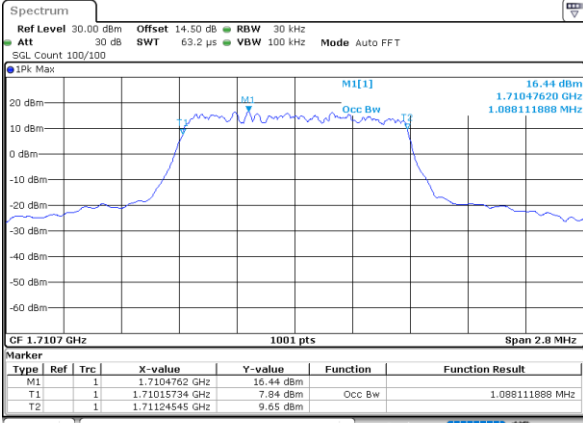
### Occupied Bandwidth

Mode	LTE Band 66 : 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	1.09	1.10	2.72	2.72	4.48	4.50	9.11	9.07	13.40	13.49	17.90	17.94
Middle CH	1.09	1.10	2.72	2.73	4.50	4.51	9.03	9.07	13.52	13.40	17.90	17.94
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	9.07	9.01	13.46	13.46	17.90	17.86
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10	-	2.73	-	4.47	-	8.99	-	13.46	-	17.90	-
Middle CH	1.09	-	2.72	-	4.48	-	9.01	-	13.46	-	17.82	-
Highest CH	1.09	-	2.72	-	4.51	-	9.05	-	13.49	-	17.86	-



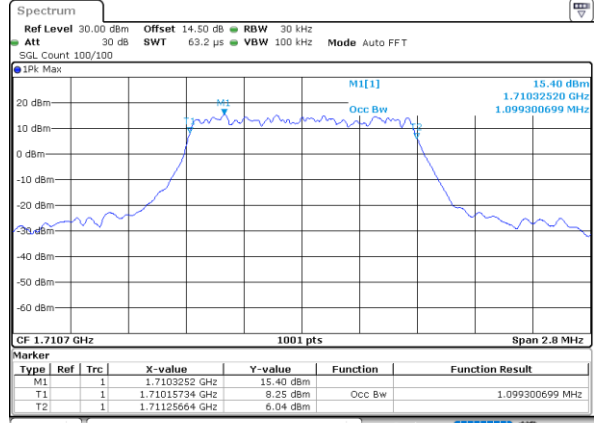
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



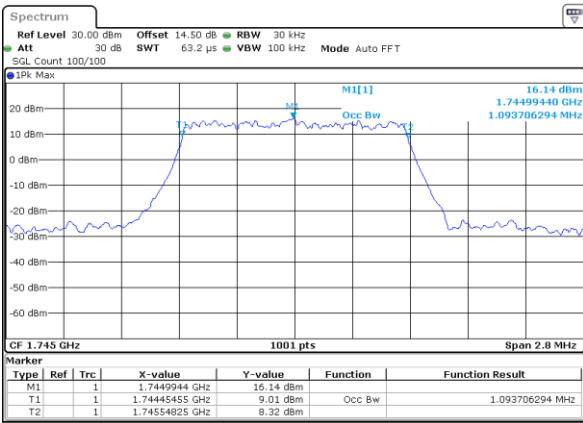
Date: 8,MAR,2023 20:43:57

Lowest Channel / 1.4MHz / 16QAM



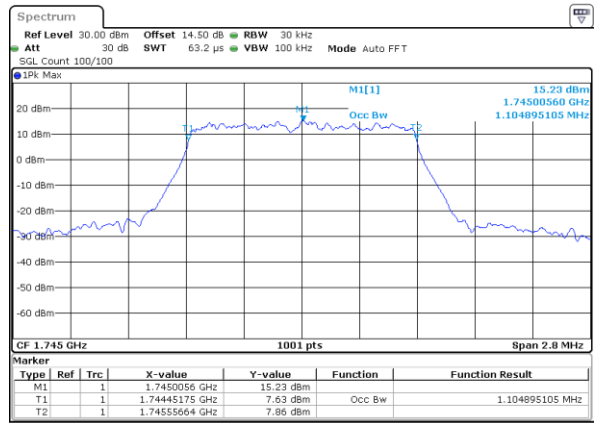
Date: 8,MAR,2023 20:44:23

Middle Channel / 1.4MHz / QPSK



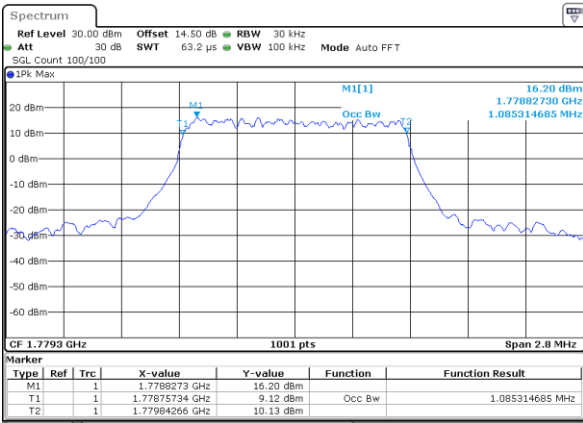
Date: 8,MAR,2023 20:53:13

Middle Channel / 1.4MHz / 16QAM



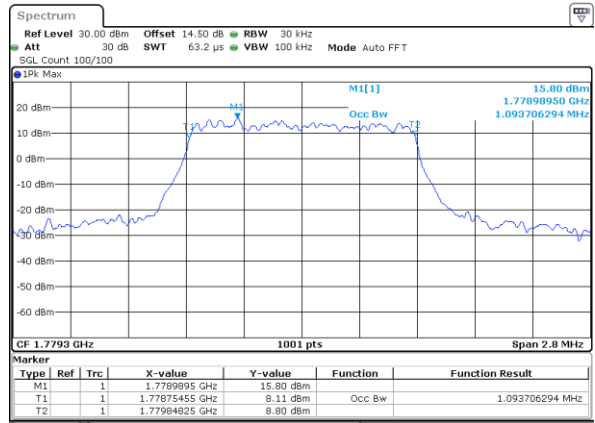
Date: 8,MAR,2023 20:53:37

Highest Channel / 1.4MHz / QPSK



Date: 8,MAR,2023 20:57:16

Highest Channel / 1.4MHz / 16QAM

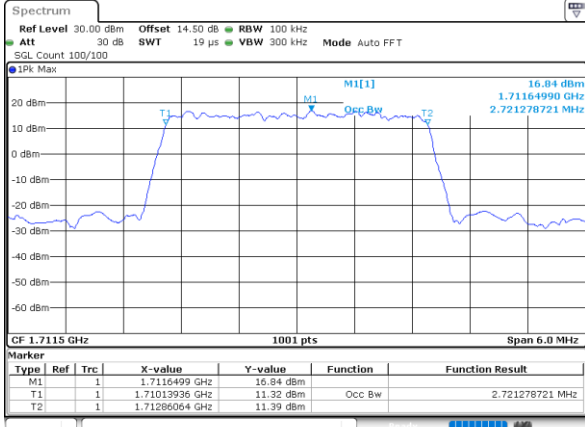


Date: 8,MAR,2023 20:57:40



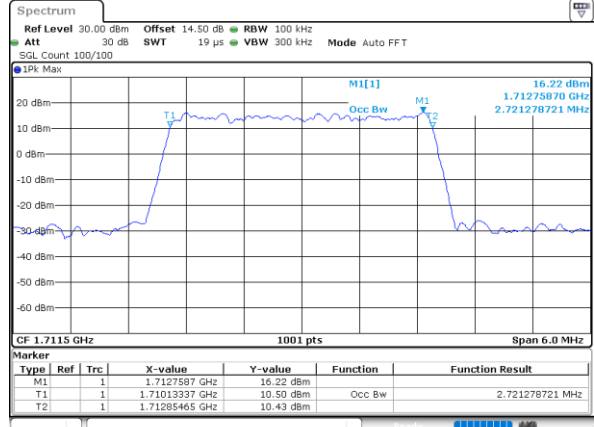
LTE Band 66

Lowest Channel / 3MHz / QPSK



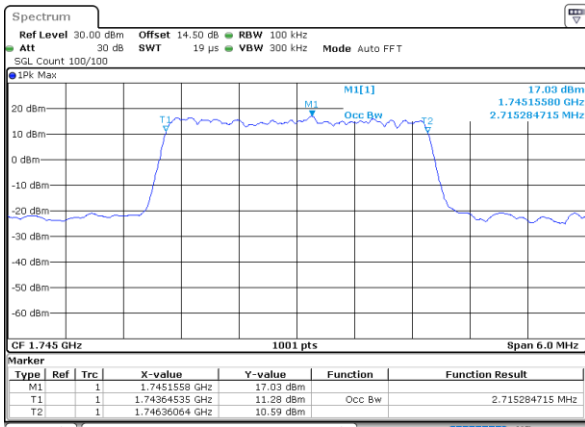
Date: 8\_MAR\_2023 21:17:10

Lowest Channel / 3MHz / 16QAM



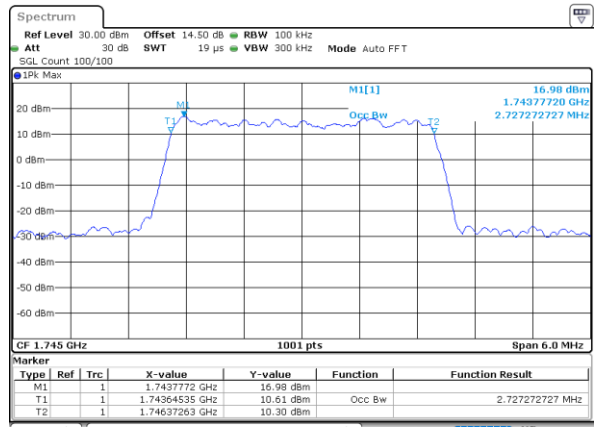
Date: 8\_MAR\_2023 21:17:34

Middle Channel / 3MHz / QPSK



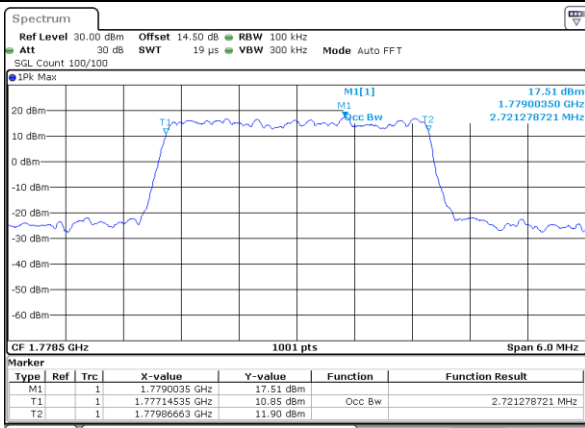
Date: 8\_MAR\_2023 21:25:46

Middle Channel / 3MHz / 16QAM



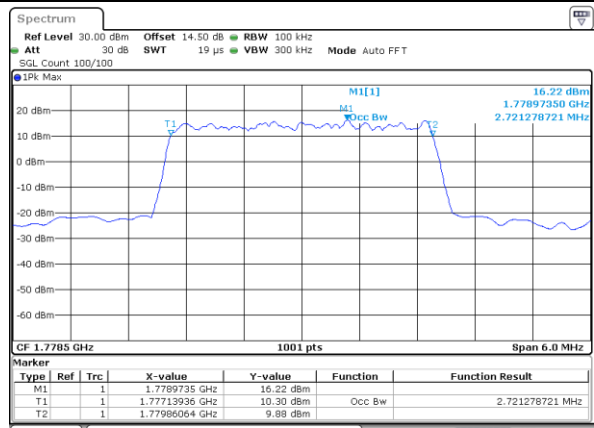
Date: 8\_MAR\_2023 21:26:11

Highest Channel / 3MHz / QPSK



Date: 8\_MAR\_2023 21:29:50

Highest Channel / 3MHz / 16QAM

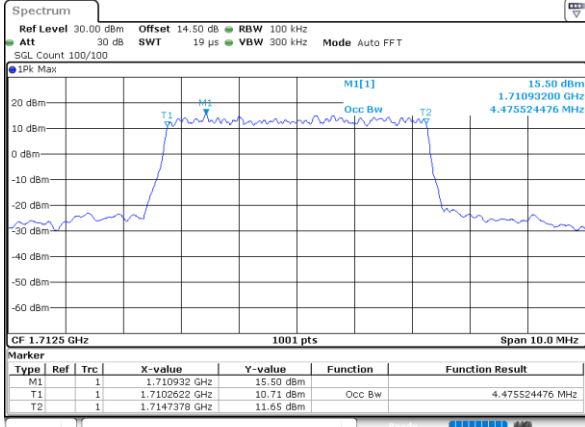


Date: 8\_MAR\_2023 21:30:14



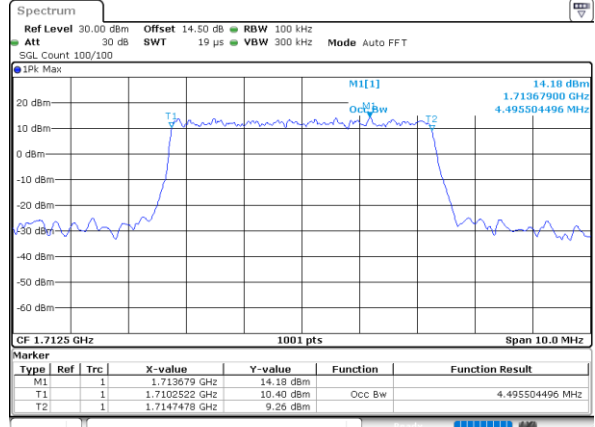
LTE Band 66

Lowest Channel / 5MHz / QPSK



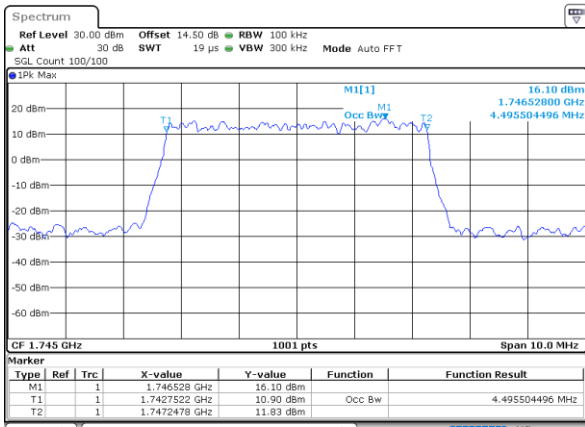
Date: 8\_MAR\_2023 21:58:49

Lowest Channel / 5MHz / 16QAM



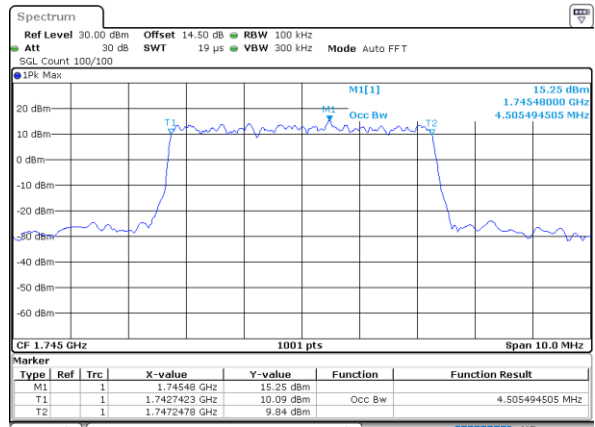
Date: 8\_MAR\_2023 21:59:13

Middle Channel / 5MHz / QPSK



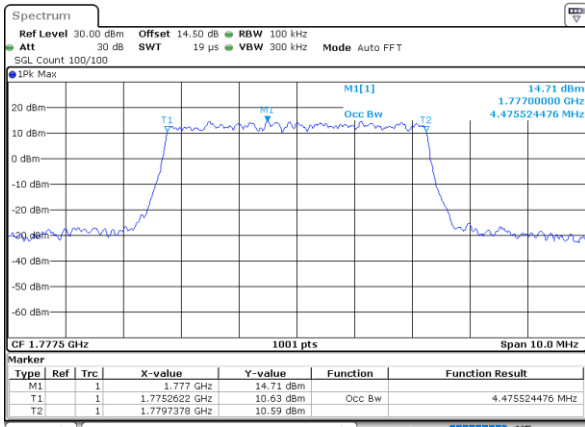
Date: 8\_MAR\_2023 22:07:26

Middle Channel / 5MHz / 16QAM



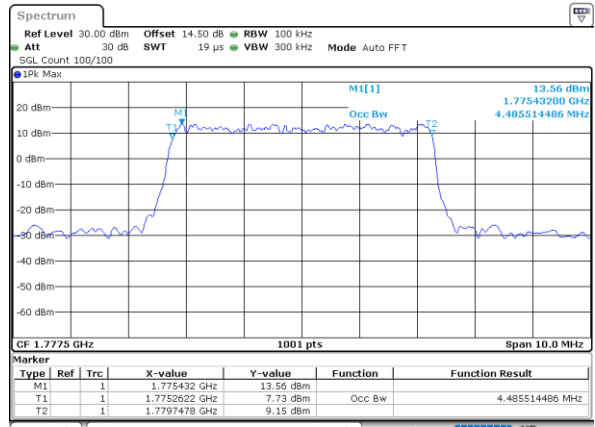
Date: 8\_MAR\_2023 22:07:50

Highest Channel / 5MHz / QPSK



Date: 8\_MAR\_2023 22:11:30

Highest Channel / 5MHz / 16QAM

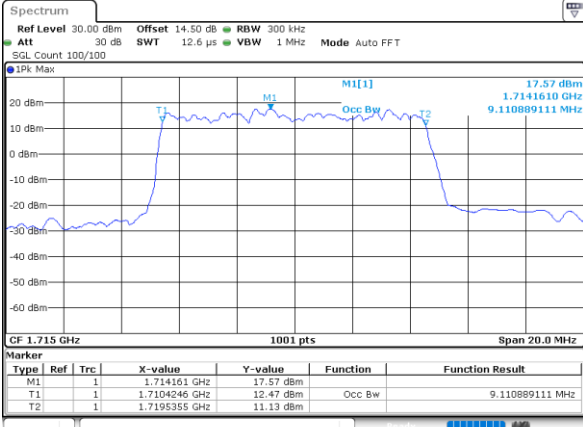


Date: 8\_MAR\_2023 22:11:54



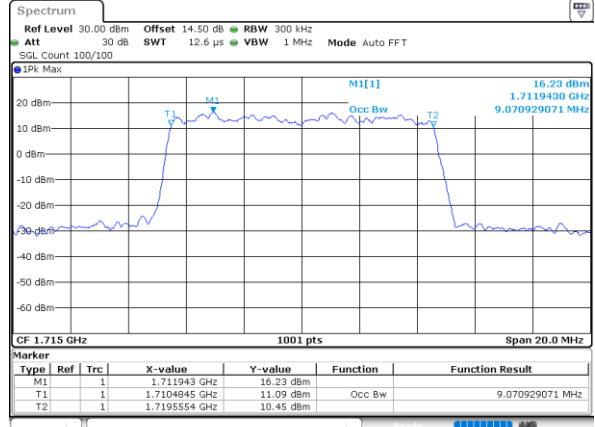
LTE Band 66

Lowest Channel / 10MHz / QPSK



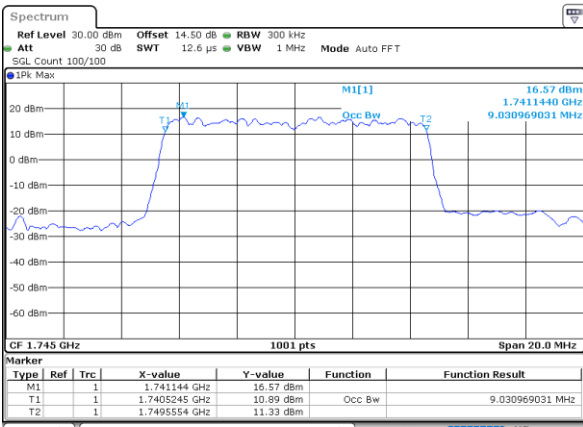
Date: 8\_MAR\_2023 22:20:09

Lowest Channel / 10MHz / 16QAM



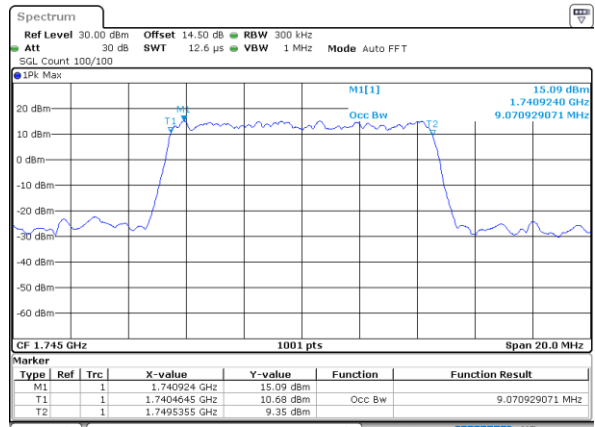
Date: 8\_MAR\_2023 22:20:33

Middle Channel / 10MHz / QPSK



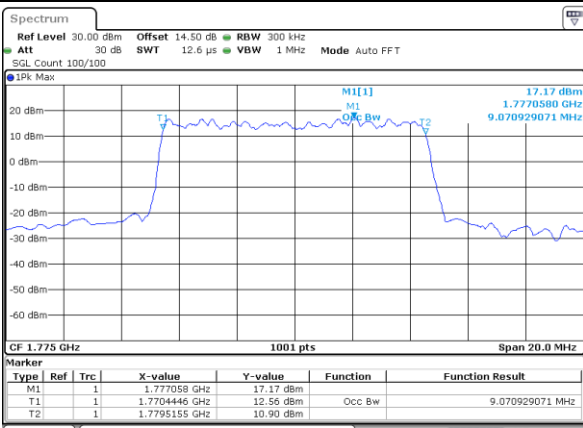
Date: 8\_MAR\_2023 22:28:47

Middle Channel / 10MHz / 16QAM



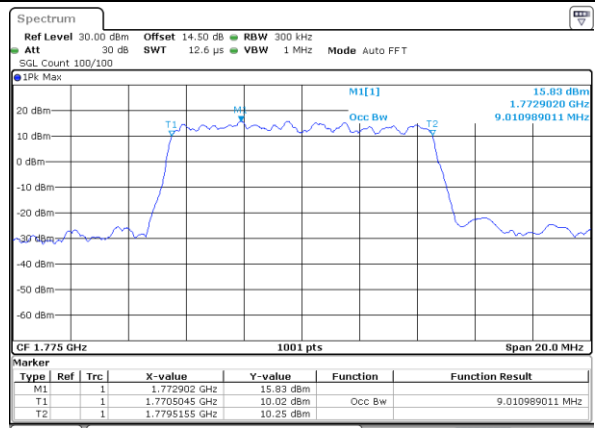
Date: 8\_MAR\_2023 22:29:11

Highest Channel / 10MHz / QPSK



Date: 8\_MAR\_2023 22:32:51

Highest Channel / 10MHz / 16QAM

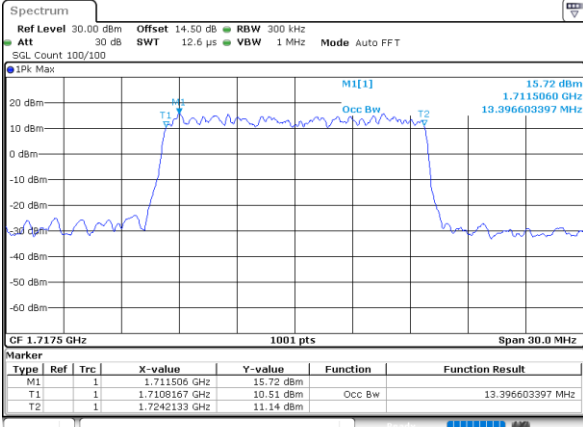


Date: 8\_MAR\_2023 22:33:15



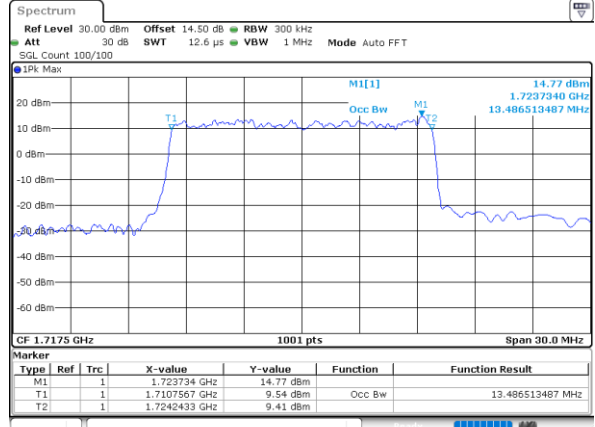
LTE Band 66

Lowest Channel / 15MHz / QPSK



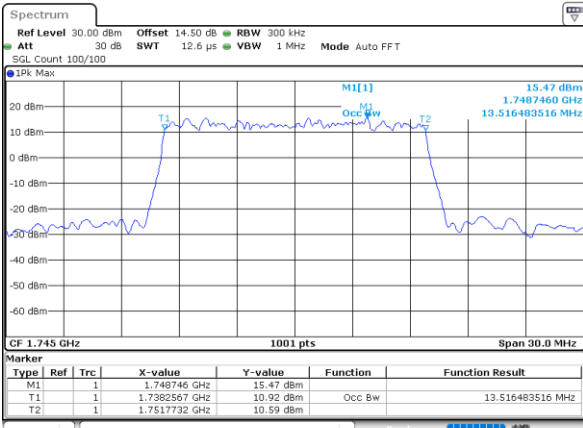
Date: 8,MAR,2023 23:01:54

Lowest Channel / 15MHz / 16QAM



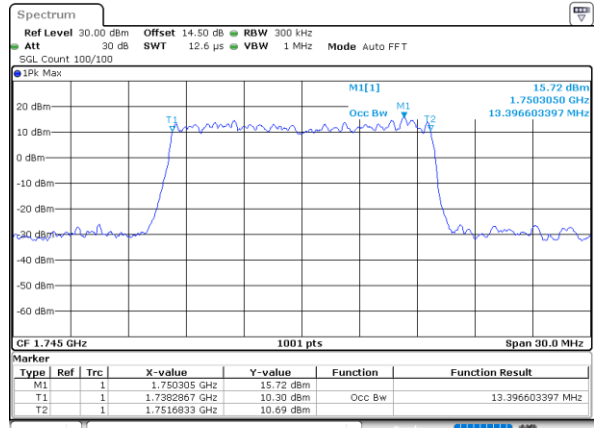
Date: 8,MAR,2023 23:02:18

Middle Channel / 15MHz / QPSK



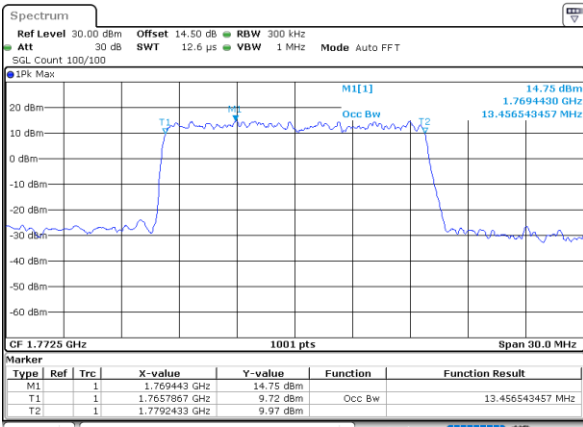
Date: 8,MAR,2023 23:10:30

Middle Channel / 15MHz / 16QAM



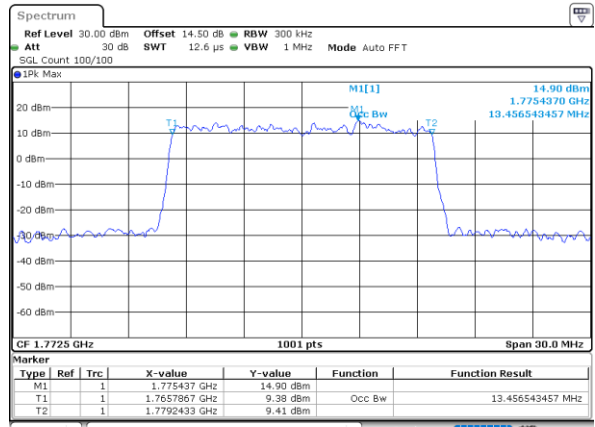
Date: 8,MAR,2023 23:10:55

Highest Channel / 15MHz / QPSK



Date: 8,MAR,2023 23:11:35

Highest Channel / 15MHz / 16QAM



Date: 8,MAR,2023 23:15:00