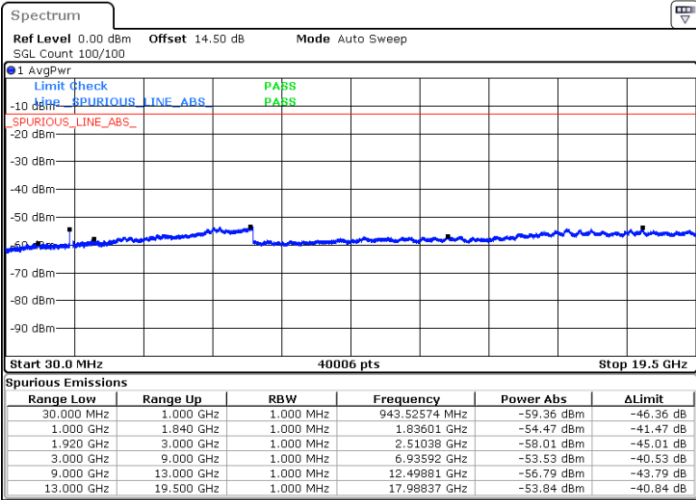




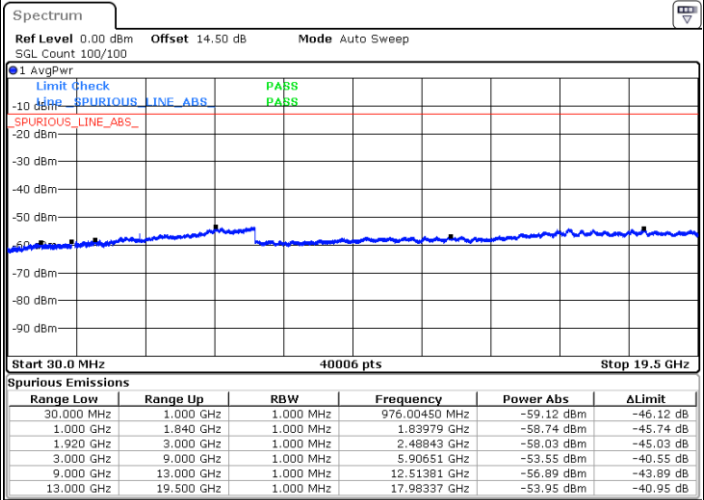
LTE Band 25 / 20MHz

Lowest Channel / 64QAM

Middle Channel / 64QAM

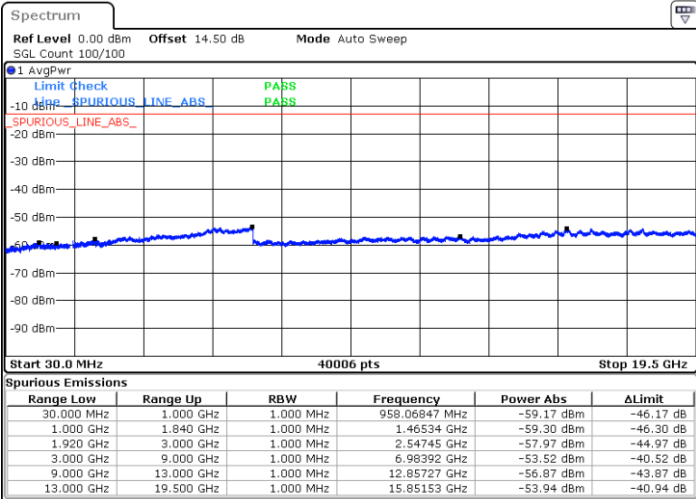


Date: 18.JAN.2023 05:37:50



Date: 18.JAN.2023 05:39:39

Highest Channel / 64QAM



Date: 18.JAN.2023 05:41:29



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	0.0003	PASS
40	Normal Voltage	0.0004	
30	Normal Voltage	0.0003	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0005	
0	Normal Voltage	0.0004	
-10	Normal Voltage	0.0003	
-20	Normal Voltage	0.0008	
-30	Normal Voltage	0.0001	
20	Maximum Voltage	0.0004	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

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

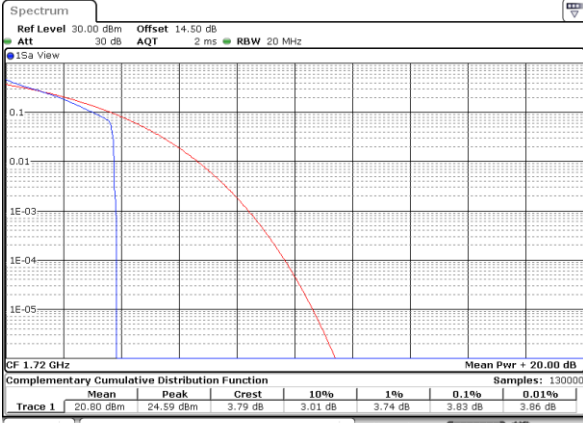
Peak-to-Average Ratio

Mode	LTE Band 66 / 20MHz				
Mod.	QPSK		16QAM		Limit: 13dB
RB Size	1RB	Full RB	1RB	Full RB	Result
Lowest CH	3.83	4.64	4.58	5.86	PASS
Middle CH	3.57	4.61	4.58	5.83	
Highest CH	4.00	4.78	4.64	5.91	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.39	6.35	-	-	PASS
Middle CH	5.16	6.29	-	-	
Highest CH	5.77	6.29	-	-	



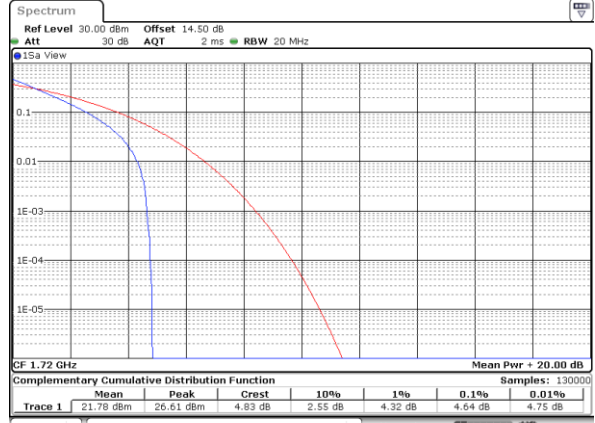
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



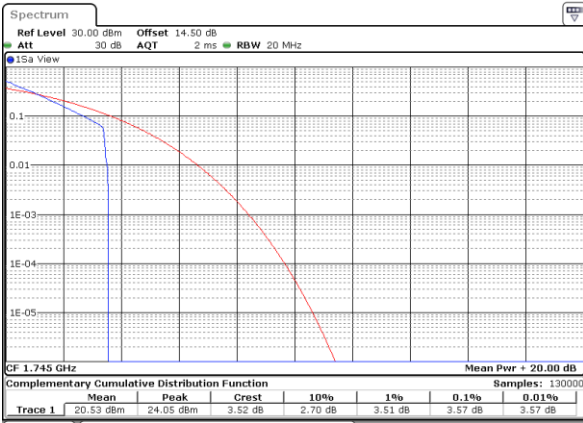
Date: 18_JAN.2023 09:14:40

Lowest Channel / Full RB



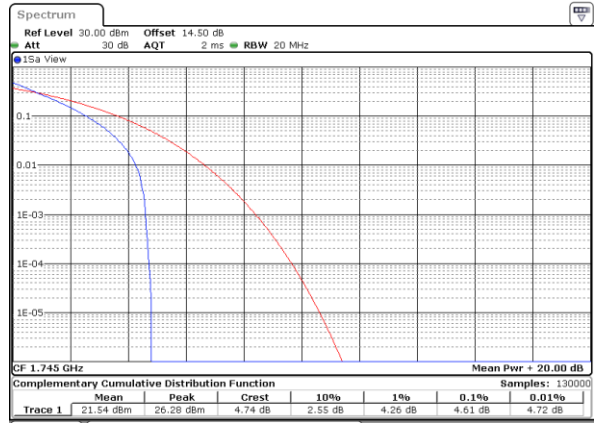
Date: 18_JAN.2023 09:15:12

Middle Channel / 1RB



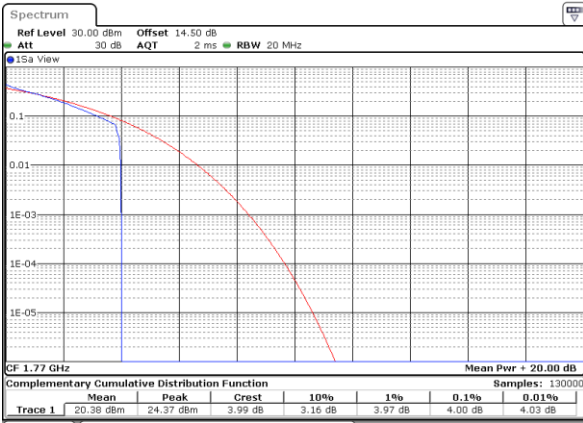
Date: 18_JAN.2023 09:15:05

Middle Channel / Full RB



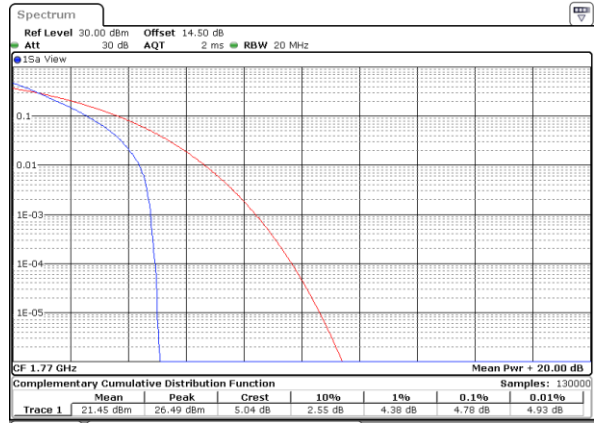
Date: 18_JAN.2023 09:15:59

Highest Channel / 1RB



Date: 18_JAN.2023 09:16:22

Highest Channel / Full RB

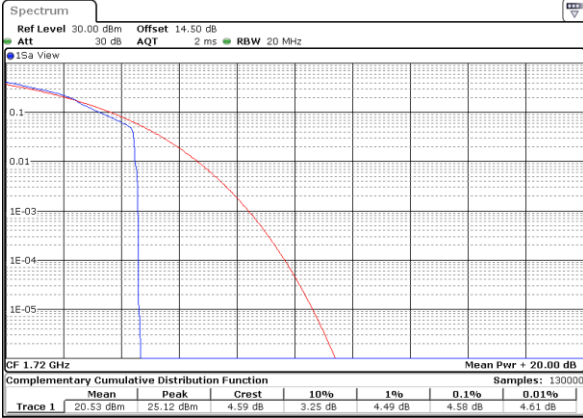


Date: 18_JAN.2023 09:16:46



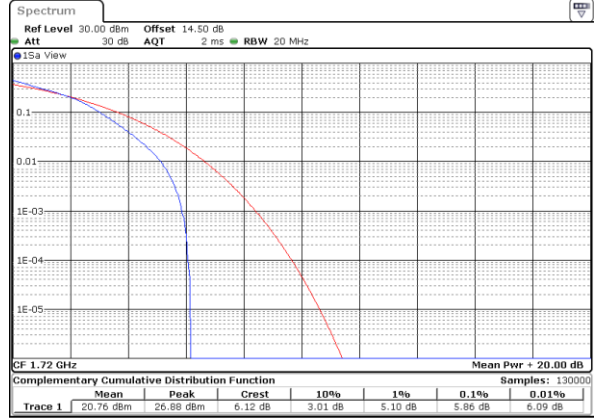
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 18_JAN.2023 09:12:20

Lowest Channel / Full RB



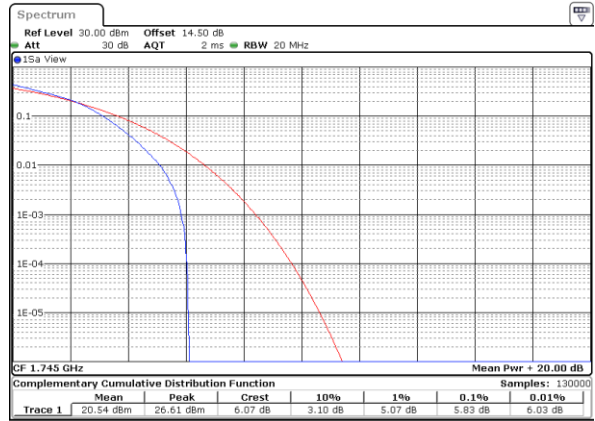
Date: 18_JAN.2023 09:12:52

Middle Channel / 1RB



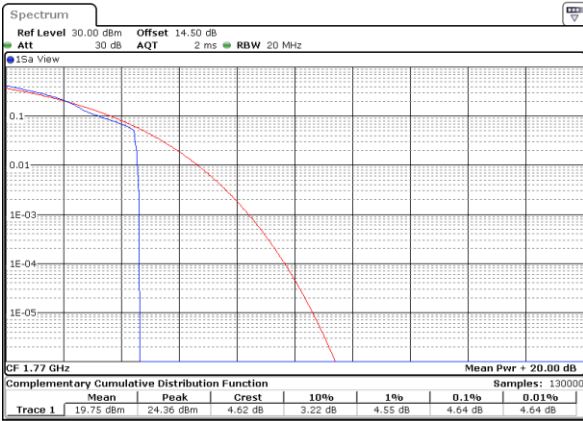
Date: 18_JAN.2023 09:13:15

Middle Channel / Full RB



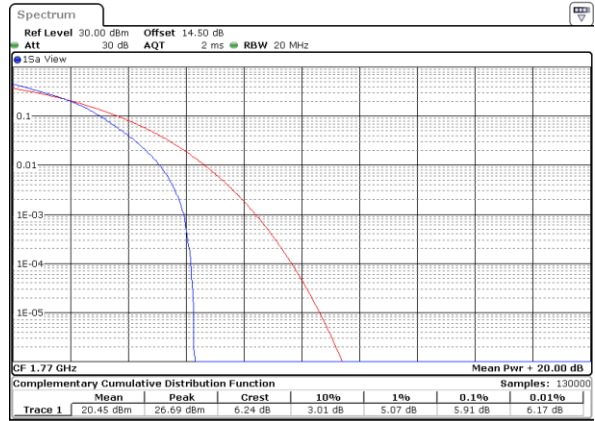
Date: 18_JAN.2023 09:13:38

Highest Channel / 1RB



Date: 18_JAN.2023 09:14:01

Highest Channel / Full RB

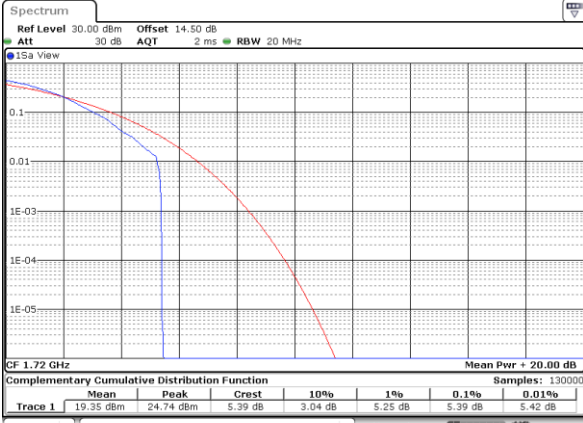


Date: 18_JAN.2023 09:14:24



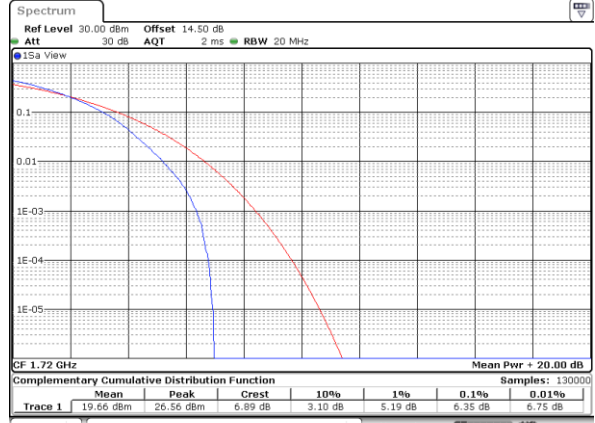
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



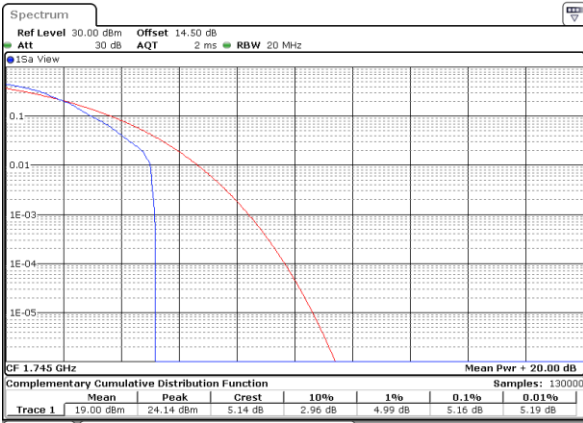
Date: 18_JAN.2023 08:17:09

Lowest Channel / Full RB



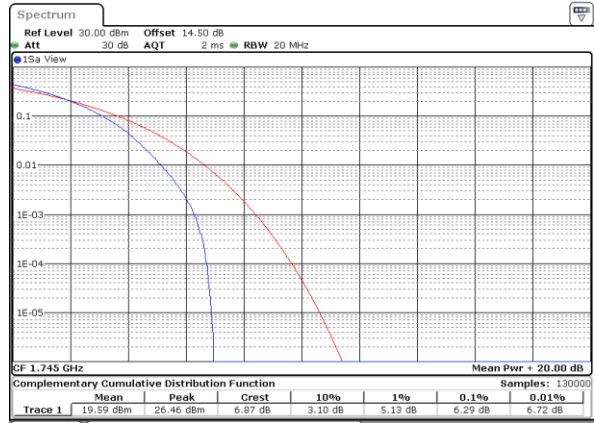
Date: 18_JAN.2023 08:17:33

Middle Channel / 1RB



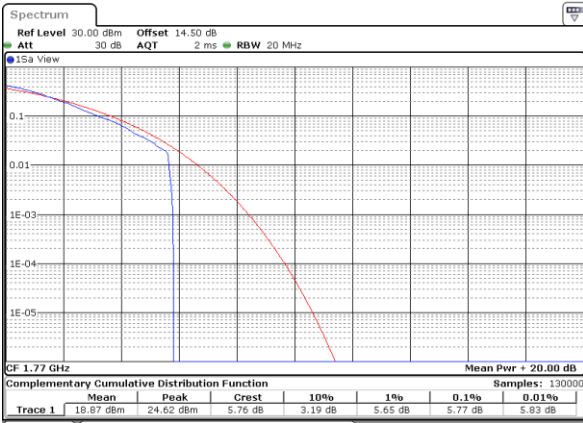
Date: 18_JAN.2023 08:17:56

Middle Channel / Full RB



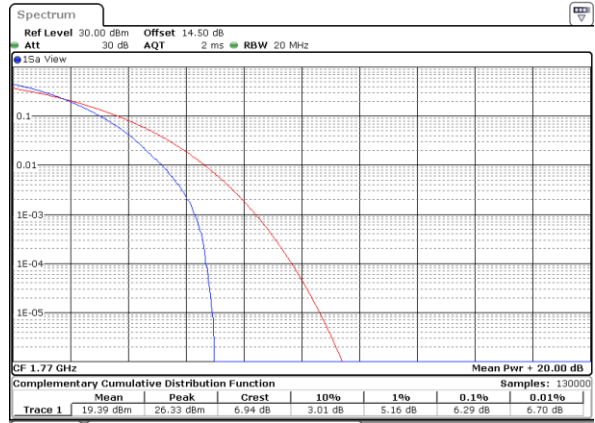
Date: 18_JAN.2023 08:18:20

Highest Channel / 1RB



Date: 18_JAN.2023 08:18:43

Highest Channel / Full RB



Date: 18_JAN.2023 08:18:06



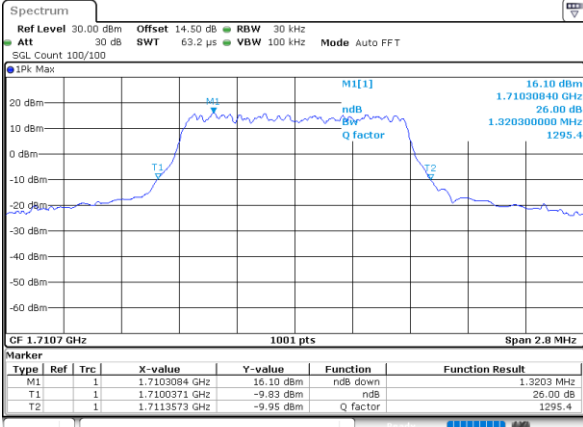
26dB Bandwidth

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	1.32	1.29	3.10	3.07	5.05	5.02	9.91	10.01	14.48	14.96	19.38	19.22
Middle CH	1.31	1.36	3.06	3.03	5.14	4.99	10.03	10.23	14.75	14.60	19.34	19.06
Highest CH	1.30	1.30	3.06	3.09	5.09	5.00	9.81	9.81	14.45	14.78	19.14	19.46
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.36	-	3.05	-	5.09	-	10.03	-	14.84	-	18.70	-
Middle CH	1.33	-	3.07	-	5.00	-	9.99	-	14.63	-	19.46	-
Highest CH	1.36	-	3.09	-	5.01	-	10.03	-	14.60	-	18.90	-



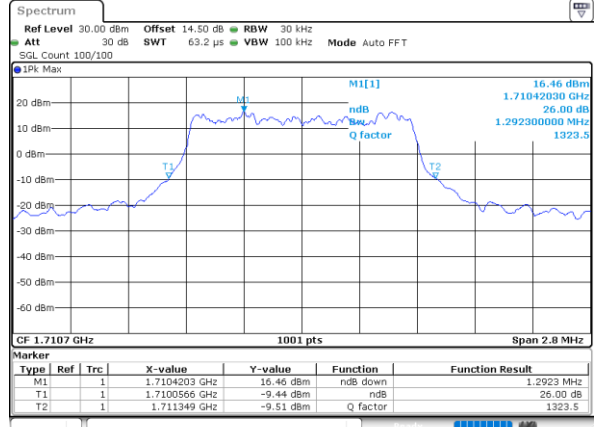
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



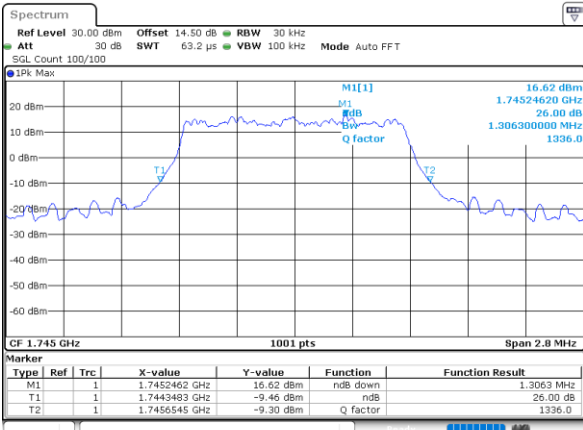
Date: 18_JAN_2023 06:39:06

Lowest Channel / 1.4MHz / 16QAM



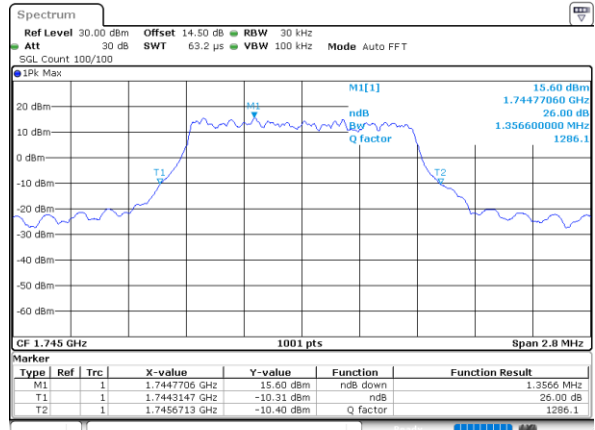
Date: 18_JAN_2023 06:39:27

Middle Channel / 1.4MHz / QPSK



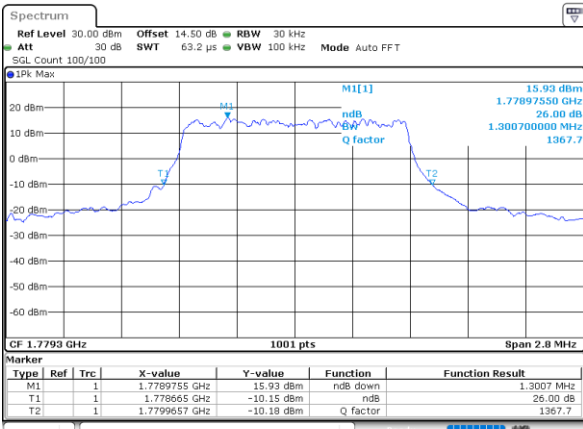
Date: 18_JAN_2023 06:42:04

Middle Channel / 1.4MHz / 16QAM



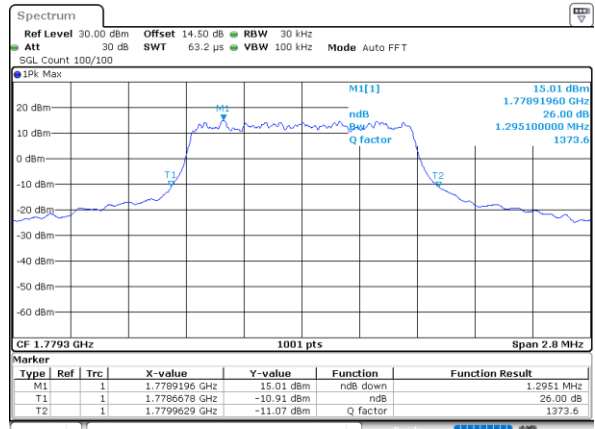
Date: 18_JAN_2023 06:42:56

Highest Channel / 1.4MHz / QPSK



Date: 18_JAN_2023 06:46:03

Highest Channel / 1.4MHz / 16QAM

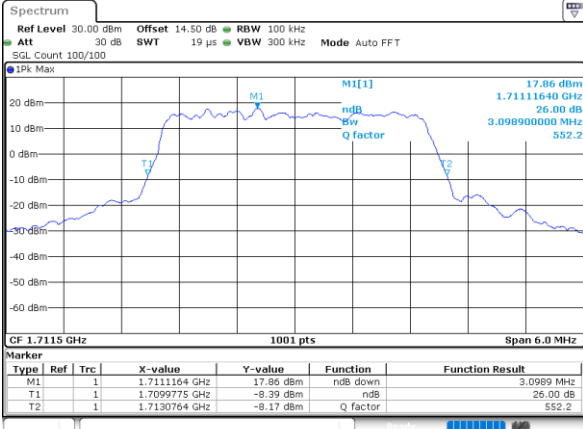


Date: 18_JAN_2023 06:46:25



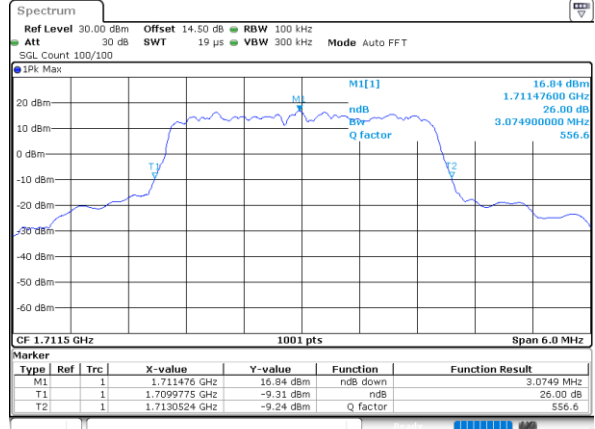
LTE Band 66

Lowest Channel / 3MHz / QPSK



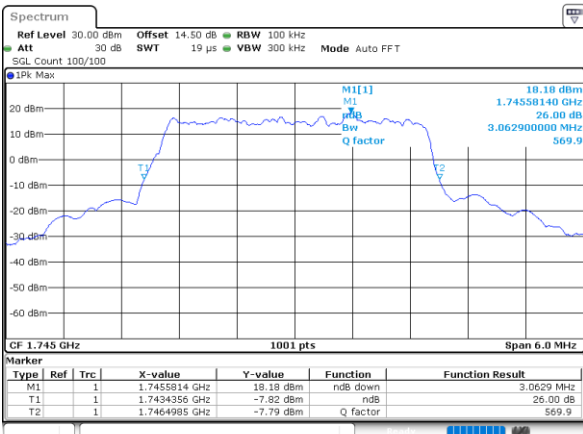
Date: 18_JAN_2023 06:54:47

Lowest Channel / 3MHz / 16QAM



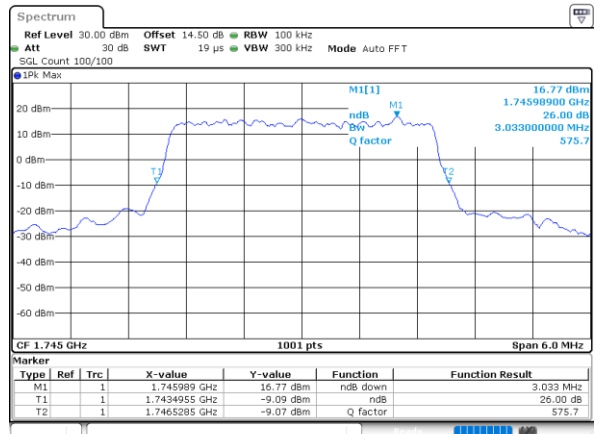
Date: 18_JAN_2023 06:55:09

Middle Channel / 3MHz / QPSK



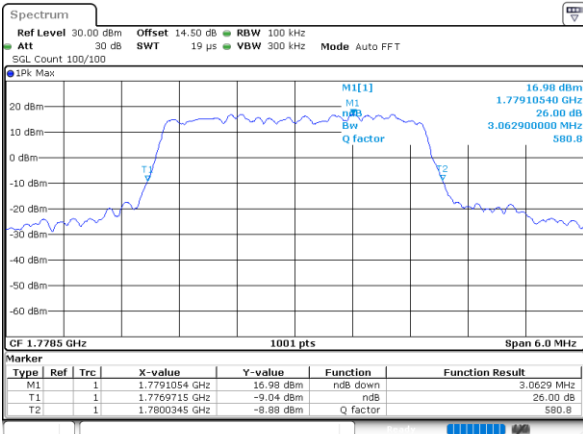
Date: 18_JAN_2023 06:58:15

Middle Channel / 3MHz / 16QAM



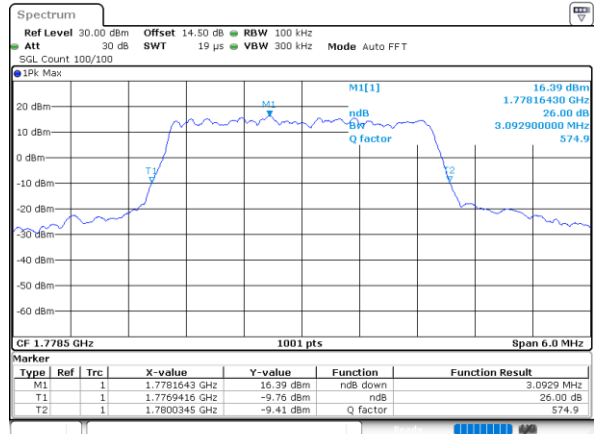
Date: 18_JAN_2023 06:58:17

Highest Channel / 3MHz / QPSK



Date: 18_JAN_2023 07:01:45

Highest Channel / 3MHz / 16QAM

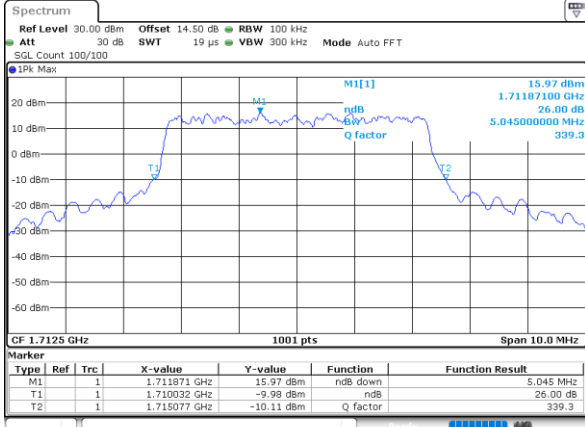


Date: 18_JAN_2023 07:02:07



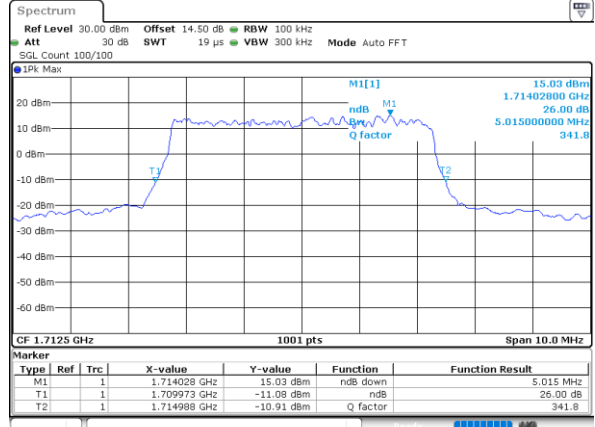
LTE Band 66

Lowest Channel / 5MHz / QPSK



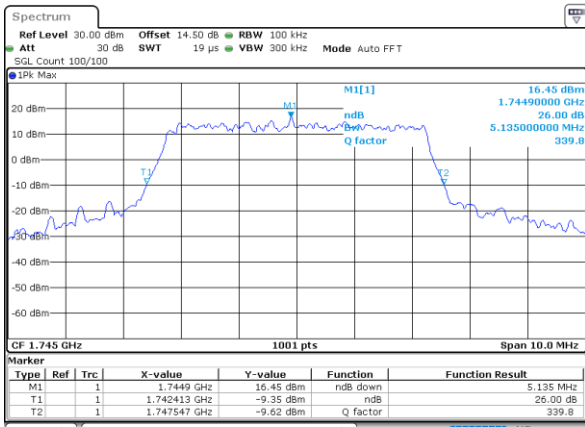
Date: 18_JAN_2023 07:15:41

Lowest Channel / 5MHz / 16QAM



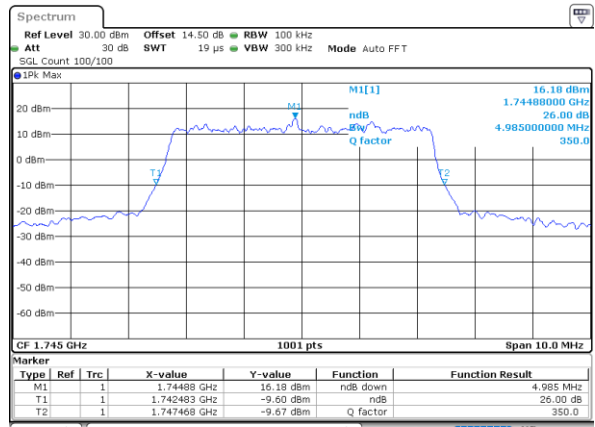
Date: 18_JAN_2023 07:16:03

Middle Channel / 5MHz / QPSK



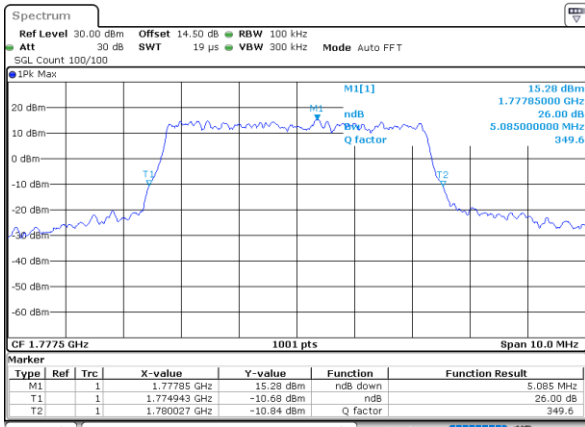
Date: 18_JAN_2023 07:19:10

Middle Channel / 5MHz / 16QAM



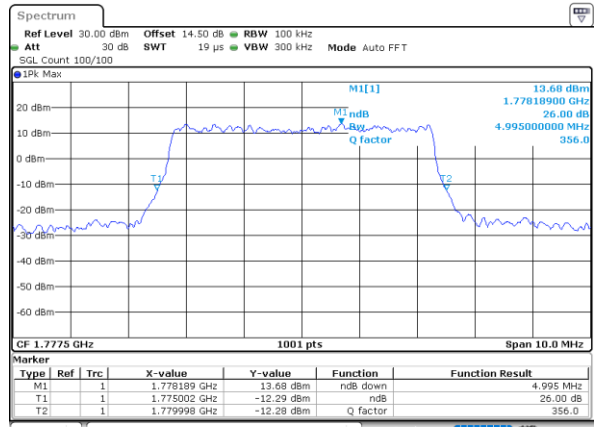
Date: 18_JAN_2023 07:19:32

Highest Channel / 5MHz / QPSK



Date: 18_JAN_2023 07:22:38

Highest Channel / 5MHz / 16QAM

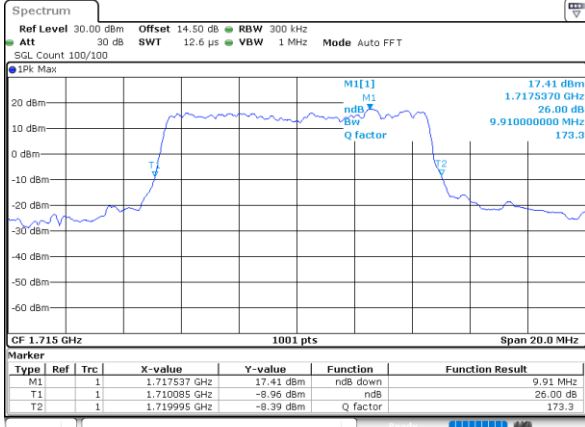


Date: 18_JAN_2023 07:23:00



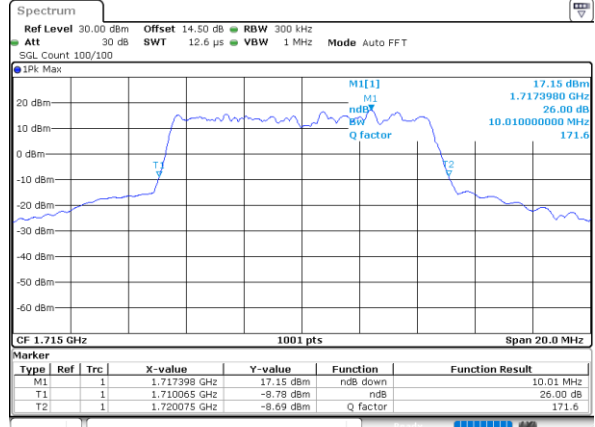
LTE Band 66

Lowest Channel / 10MHz / QPSK



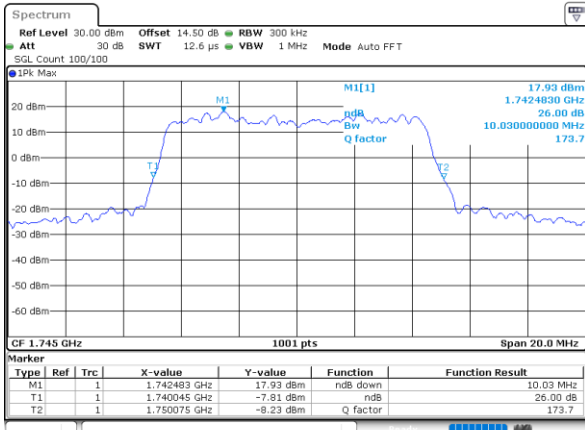
Date: 18_JAN,2023 07:26:08

Lowest Channel / 10MHz / 16QAM



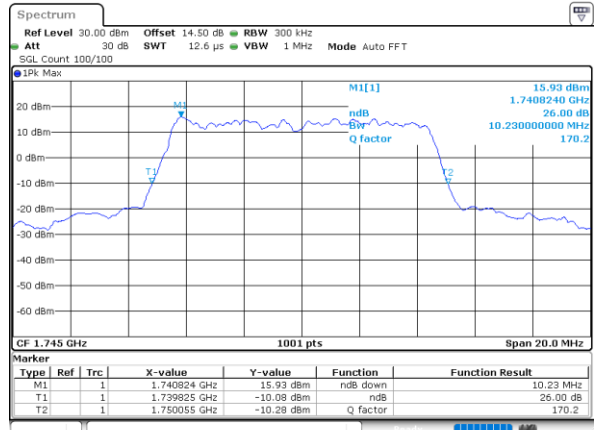
Date: 18_JAN,2023 07:26:30

Middle Channel / 10MHz / QPSK



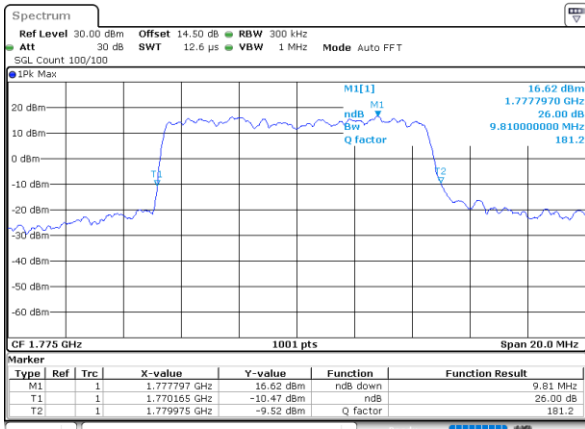
Date: 18_JAN,2023 07:29:37

Middle Channel / 10MHz / 16QAM



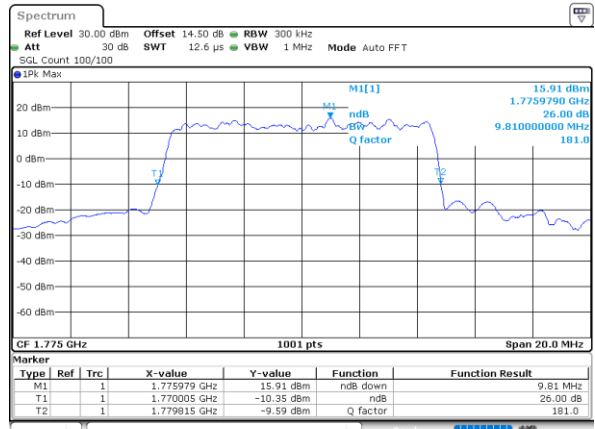
Date: 18_JAN,2023 07:29:59

Highest Channel / 10MHz / QPSK



Date: 18_JAN,2023 07:33:06

Highest Channel / 10MHz / 16QAM

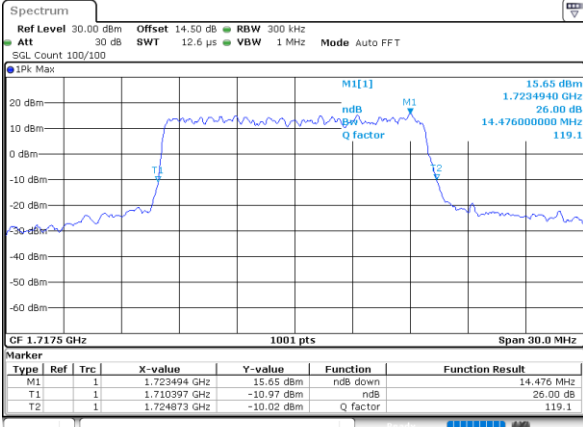


Date: 18_JAN,2023 07:33:28



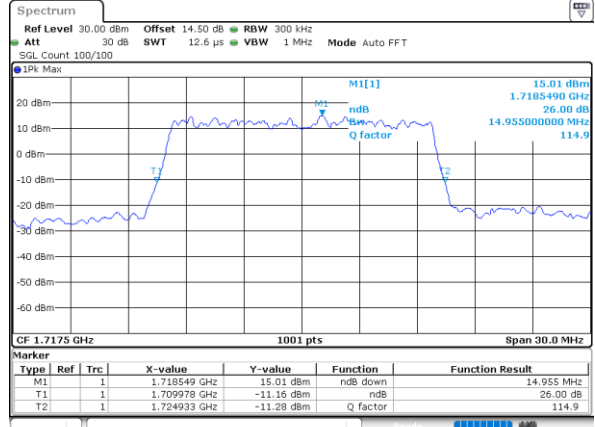
LTE Band 66

Lowest Channel / 15MHz / QPSK



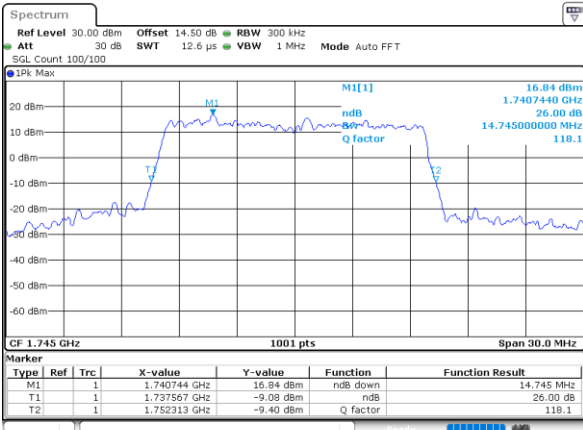
Date: 18_JAN,2023 07:47:02

Lowest Channel / 15MHz / 16QAM



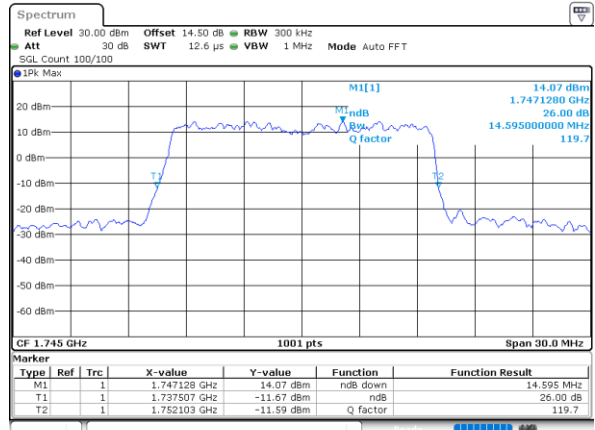
Date: 18_JAN,2023 07:47:124

Middle Channel / 15MHz / QPSK



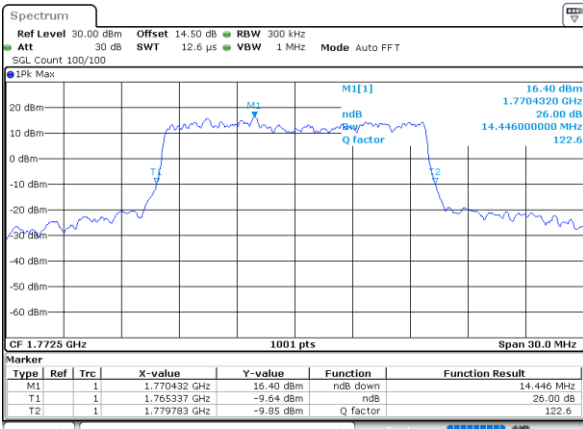
Date: 18_JAN,2023 07:50:32

Middle Channel / 15MHz / 16QAM



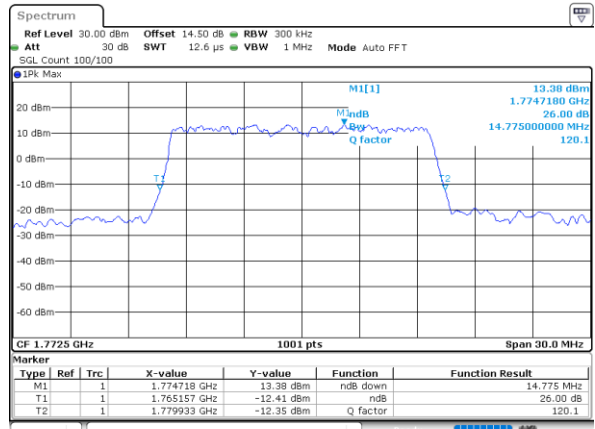
Date: 18_JAN,2023 07:50:54

Highest Channel / 15MHz / QPSK



Date: 18_JAN,2023 07:54:01

Highest Channel / 15MHz / 16QAM

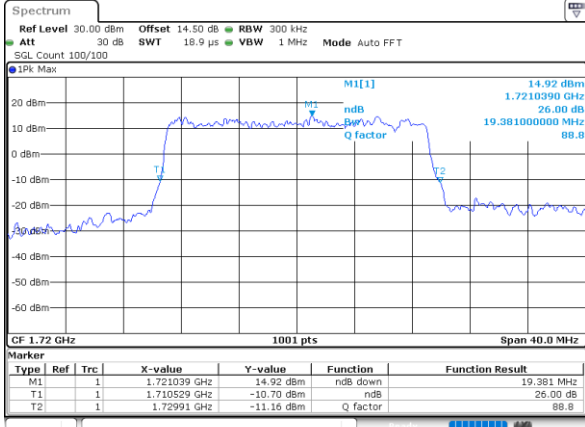


Date: 18_JAN,2023 07:54:122



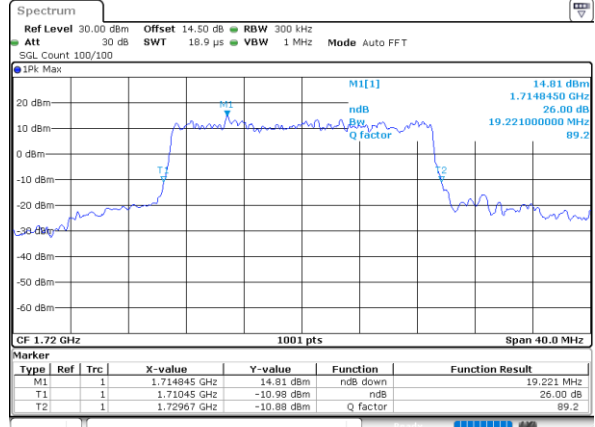
LTE Band 66

Lowest Channel / 20MHz / QPSK



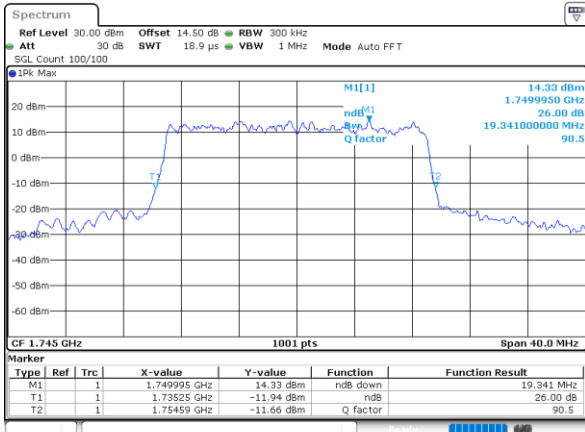
Date: 18_JAN_2023 07:57:30

Lowest Channel / 20MHz / 16QAM



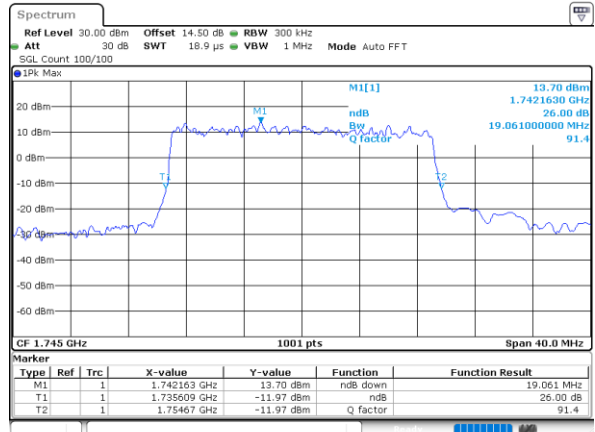
Date: 18_JAN_2023 07:57:52

Middle Channel / 20MHz / QPSK



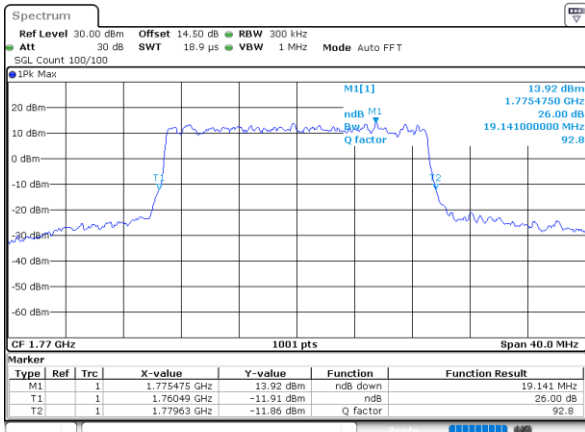
Date: 18_JAN_2023 08:01:00

Middle Channel / 20MHz / 16QAM



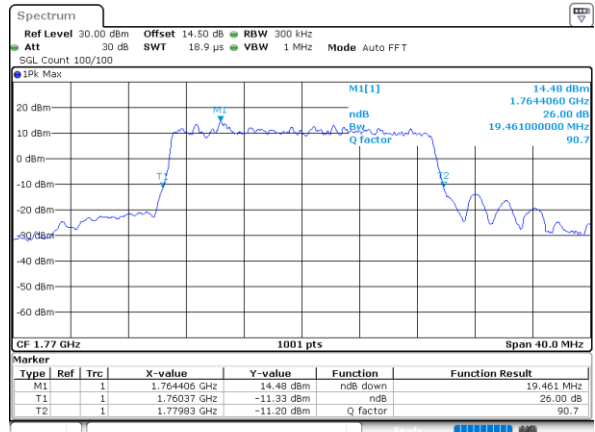
Date: 18_JAN_2023 08:01:22

Highest Channel / 20MHz / QPSK



Date: 18_JAN_2023 08:04:29

Highest Channel / 20MHz / 16QAM

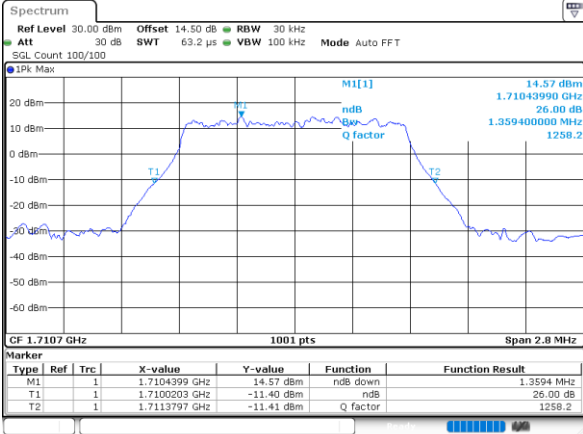


Date: 18_JAN_2023 08:04:51



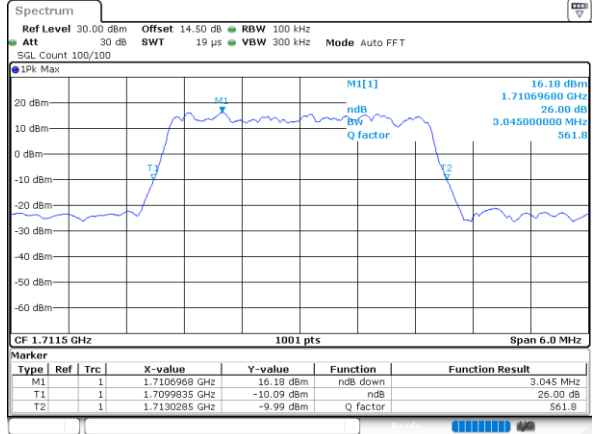
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



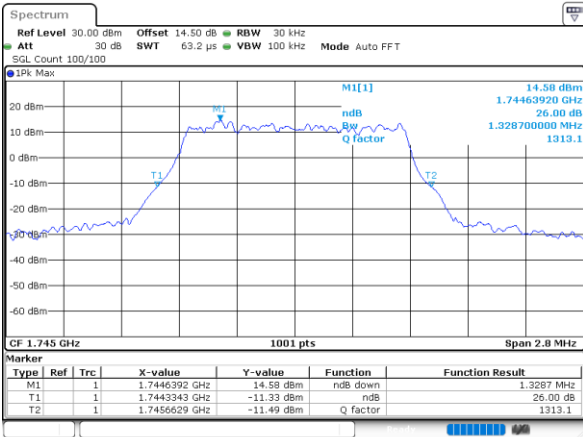
Date: 18_JAN_2023 06:49:10

Lowest Channel / 3MHz / 64QAM



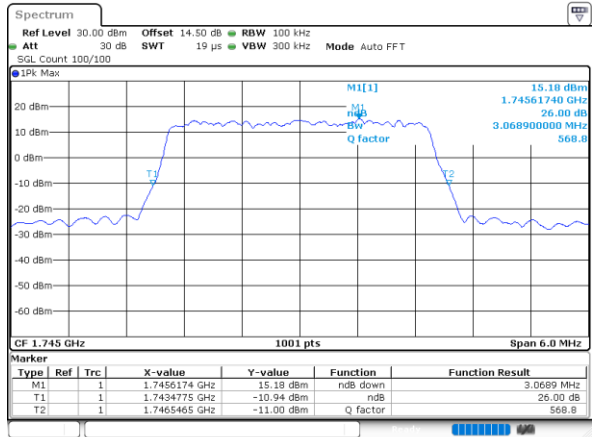
Date: 18_JAN_2023 07:04:52

Middle Channel / 1.4MHz / 64QAM



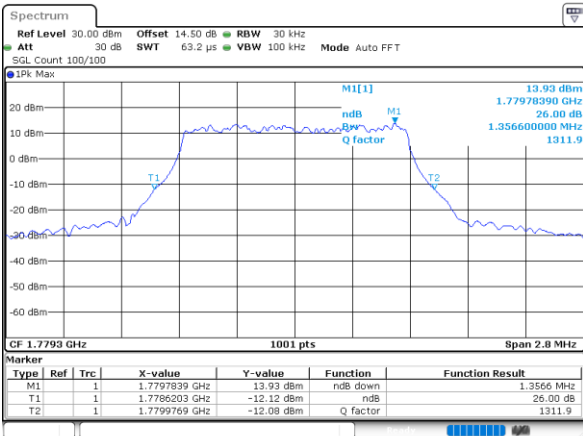
Date: 18_JAN_2023 06:50:55

Middle Channel / 3MHz / 64QAM



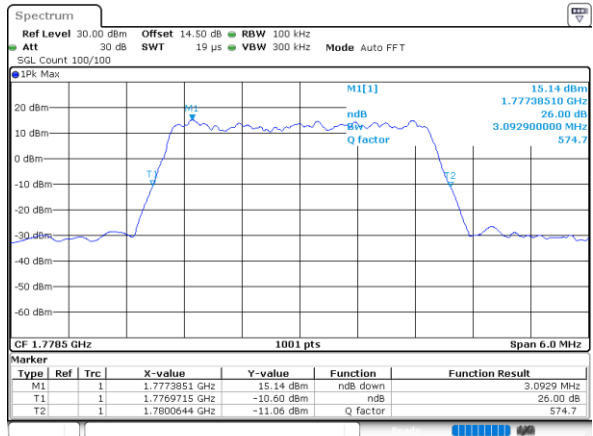
Date: 18_JAN_2023 07:06:36

Highest Channel / 1.4MHz / 64QAM



Date: 18_JAN_2023 06:52:40

Highest Channel / 3MHz / 64QAM

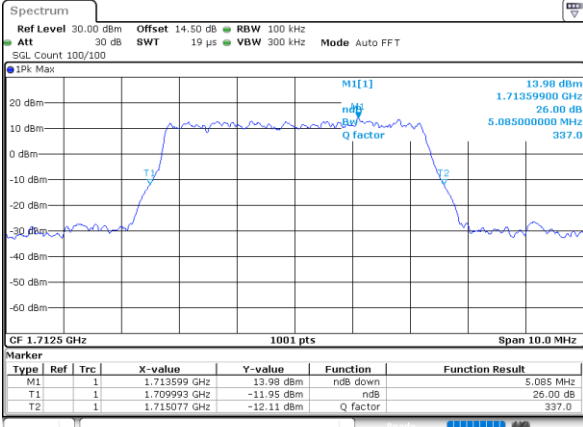


Date: 18_JAN_2023 07:08:20



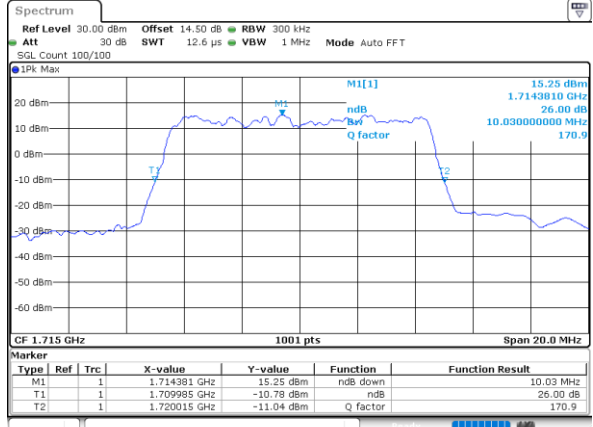
LTE Band 66

Lowest Channel / 5MHz / 64QAM



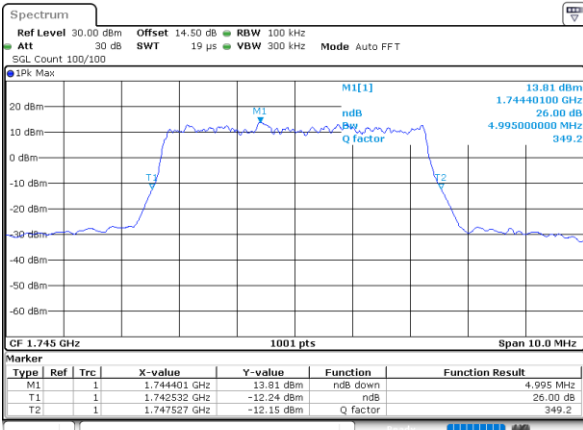
Date: 18_JAN_2023 07:10:05

Lowest Channel / 10MHz / 64QAM



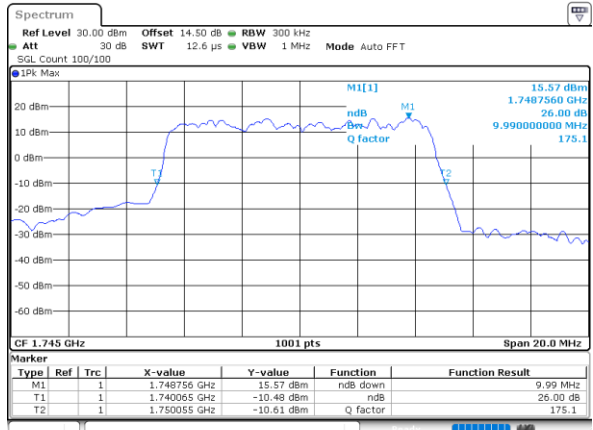
Date: 18_JAN_2023 07:13:13

Middle Channel / 5MHz / 64QAM



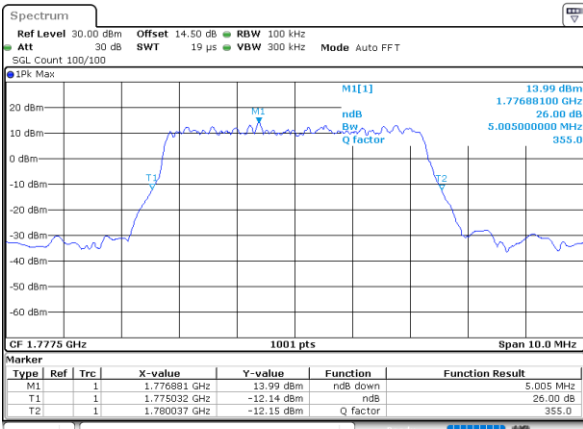
Date: 18_JAN_2023 07:11:50

Middle Channel / 10MHz / 64QAM



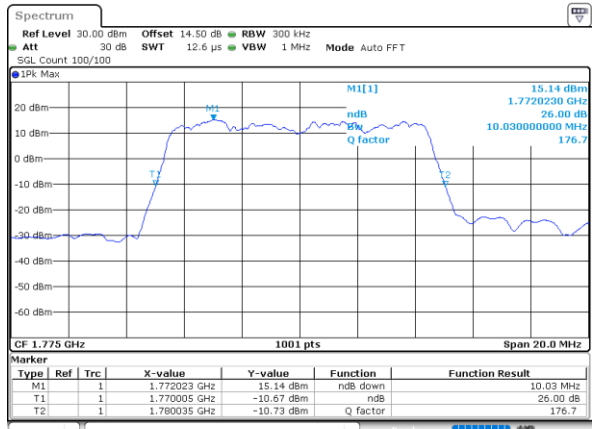
Date: 18_JAN_2023 07:13:58

Highest Channel / 5MHz / 64QAM



Date: 18_JAN_2023 07:13:34

Highest Channel / 10MHz / 64QAM

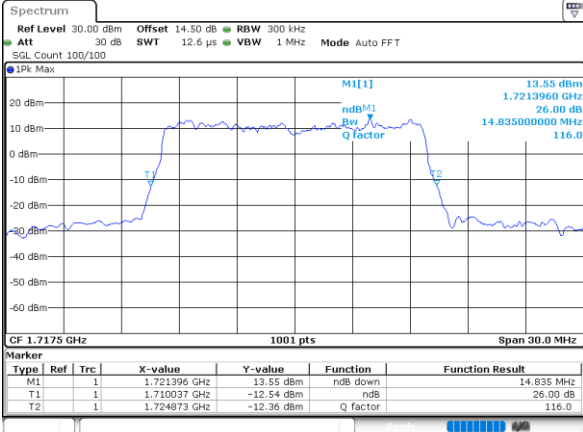


Date: 18_JAN_2023 07:13:42



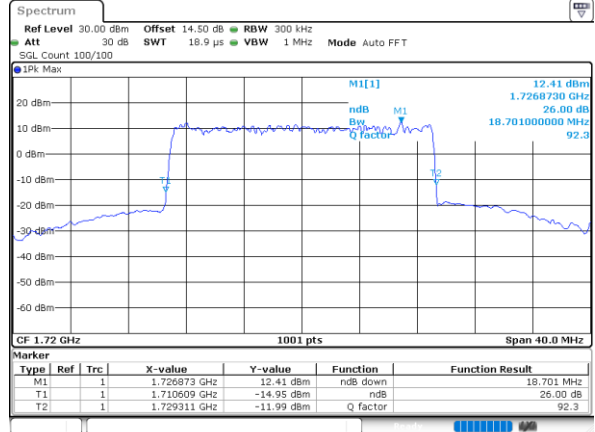
LTE Band 66

Lowest Channel / 15MHz / 64QAM



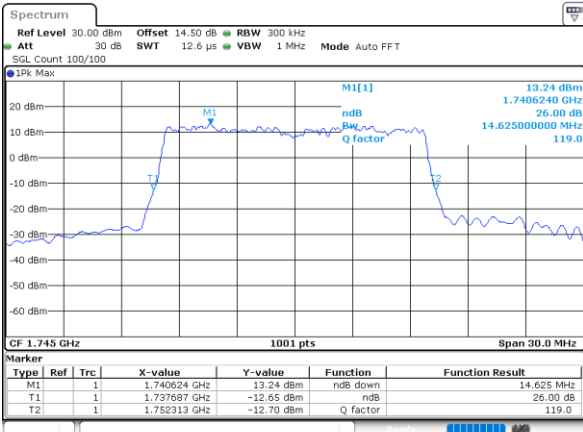
Date: 18_JAN_2023 07:41:27

Lowest Channel / 20MHz / 64QAM



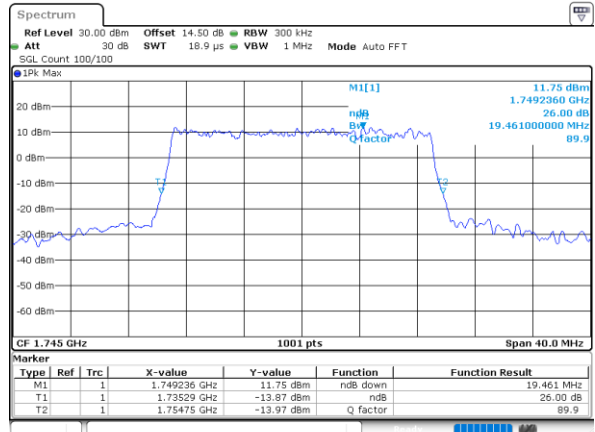
Date: 18_JAN_2023 08:07:36

Middle Channel / 15MHz / 64QAM



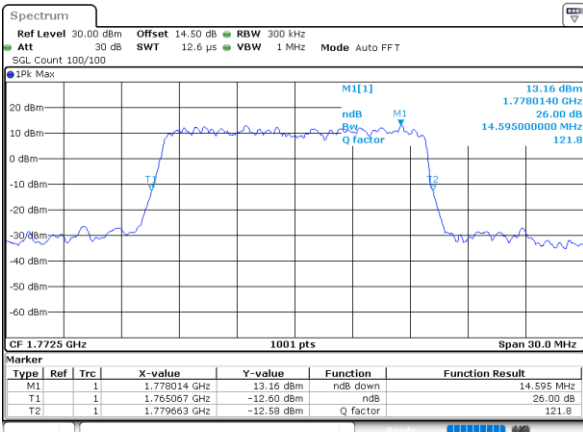
Date: 18_JAN_2023 07:43:11

Middle Channel / 20MHz / 64QAM



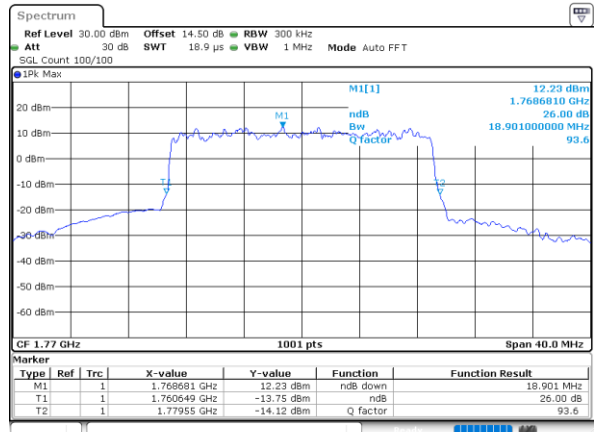
Date: 18_JAN_2023 08:09:20

Highest Channel / 15MHz / 64QAM



Date: 18_JAN_2023 07:44:56

Highest Channel / 20MHz / 64QAM



Date: 18_JAN_2023 08:11:04



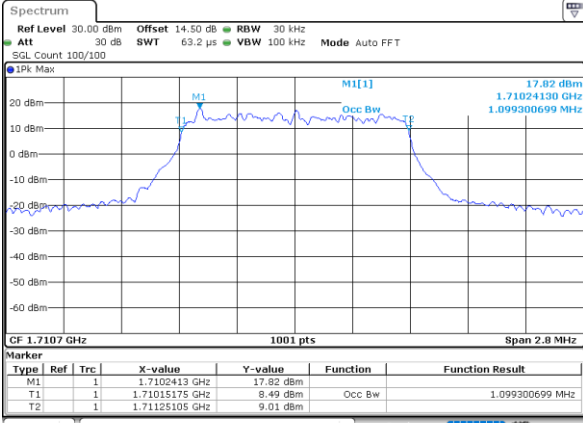
Occupied Bandwidth

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	1.10	1.11	2.72	2.74	4.51	4.50	9.03	9.03	13.49	13.46	17.94	17.98
Middle CH	1.09	1.10	2.72	2.72	4.53	4.52	9.09	9.09	13.37	13.46	17.86	17.94
Highest CH	1.11	1.11	2.74	2.76	4.53	4.50	9.05	9.03	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	1.09	-	2.73	-	4.49	-	9.09	-	13.52	-	17.94	-
Middle CH	1.10	-	2.73	-	4.53	-	9.03	-	13.46	-	17.90	-
Highest CH	1.09	-	2.72	-	4.50	-	9.05	-	13.49	-	17.90	-



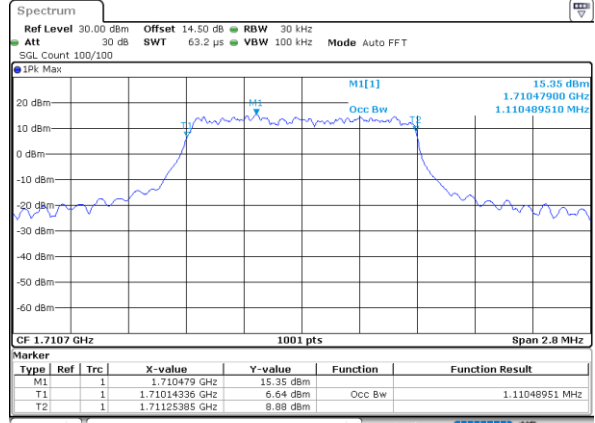
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



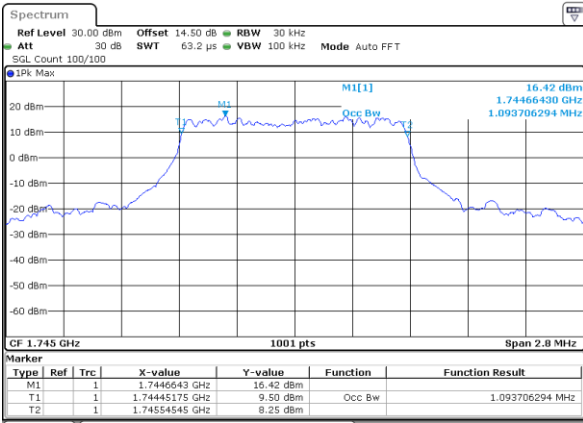
Date: 18_JAN_2023 06:38:22

Lowest Channel / 1.4MHz / 16QAM



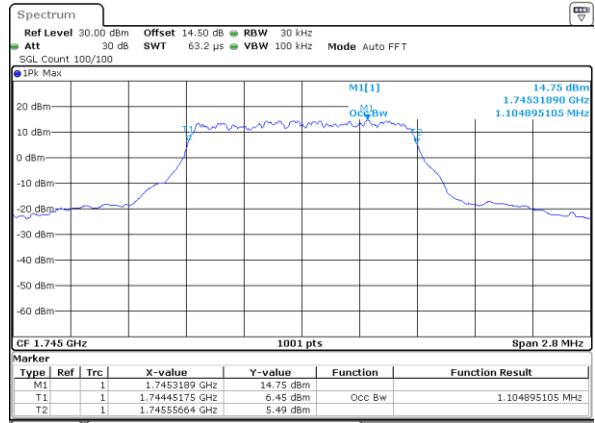
Date: 18_JAN_2023 06:38:44

Middle Channel / 1.4MHz / QPSK



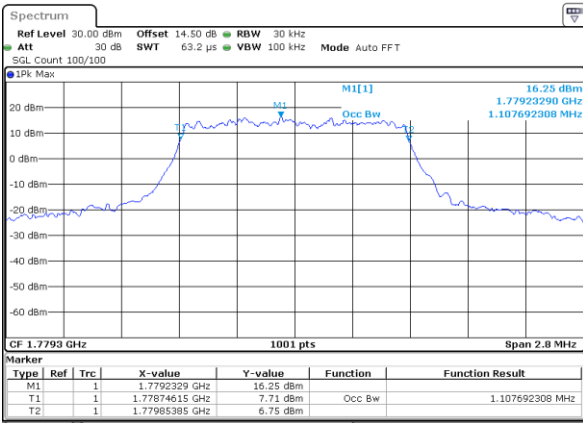
Date: 18_JAN_2023 06:41:50

Middle Channel / 1.4MHz / 16QAM



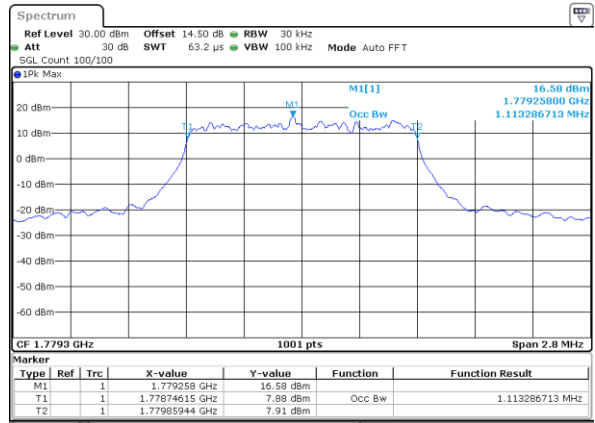
Date: 18_JAN_2023 06:42:12

Highest Channel / 1.4MHz / QPSK



Date: 18_JAN_2023 06:45:19

Highest Channel / 1.4MHz / 16QAM

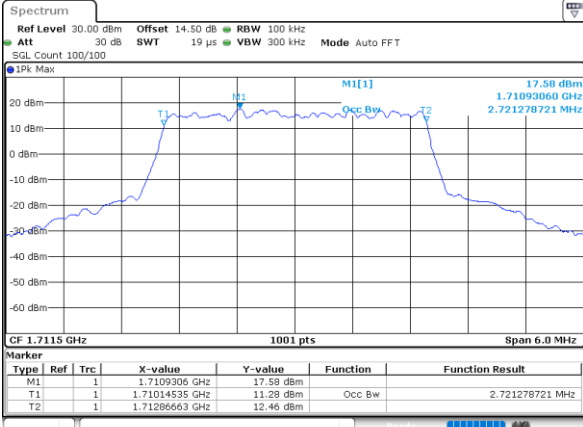


Date: 18_JAN_2023 06:45:41



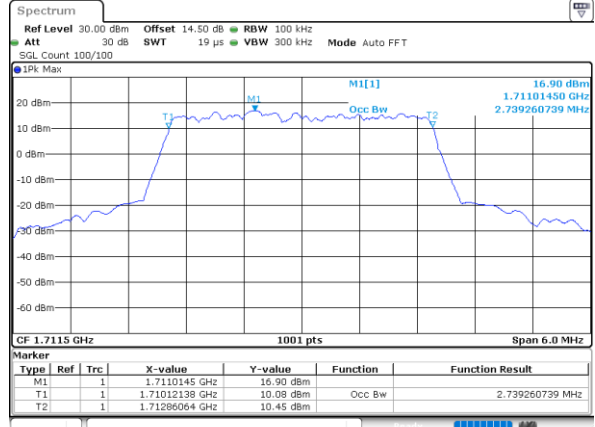
LTE Band 66

Lowest Channel / 3MHz / QPSK



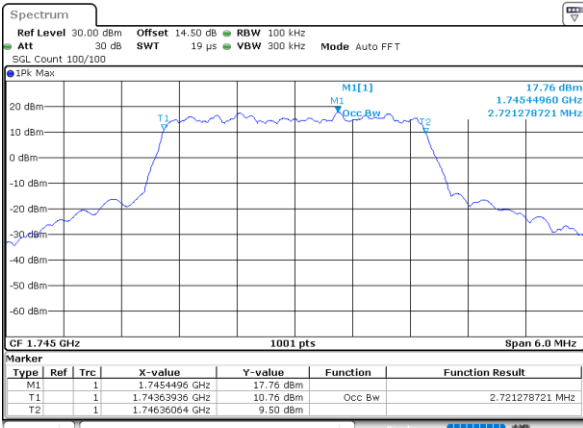
Date: 18_JAN_2023 06:54:03

Lowest Channel / 3MHz / 16QAM



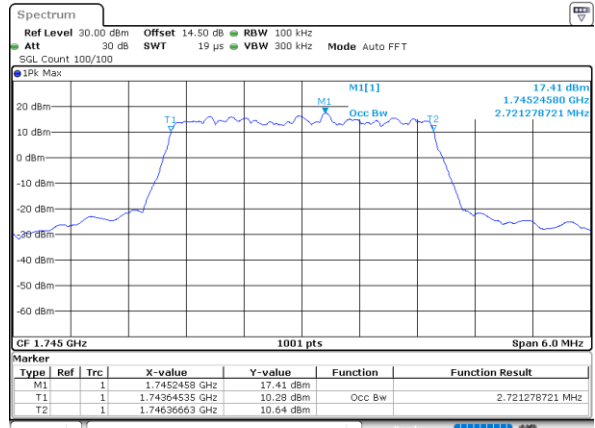
Date: 18_JAN_2023 06:54:25

Middle Channel / 3MHz / QPSK



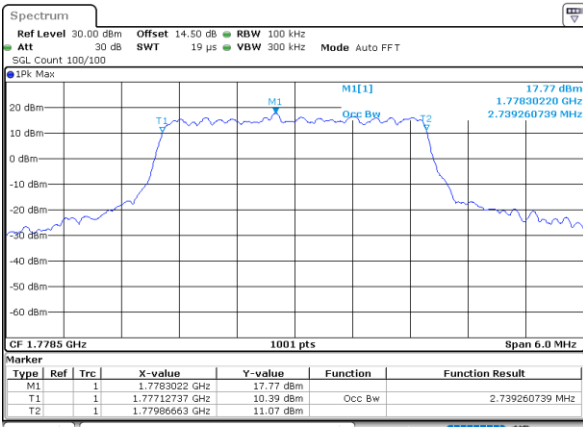
Date: 18_JAN_2023 06:57:32

Middle Channel / 3MHz / 16QAM



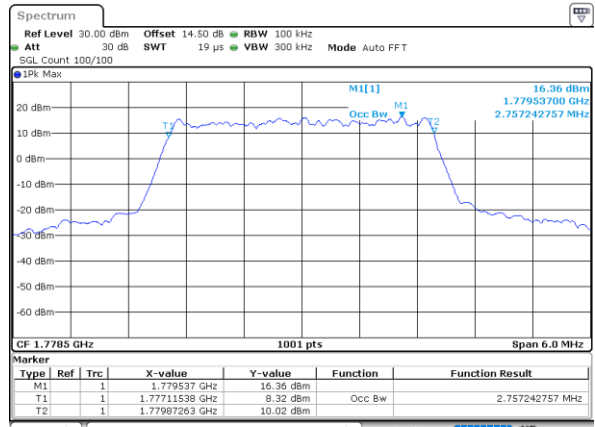
Date: 18_JAN_2023 06:57:54

Highest Channel / 3MHz / QPSK



Date: 18_JAN_2023 07:01:01

Highest Channel / 3MHz / 16QAM

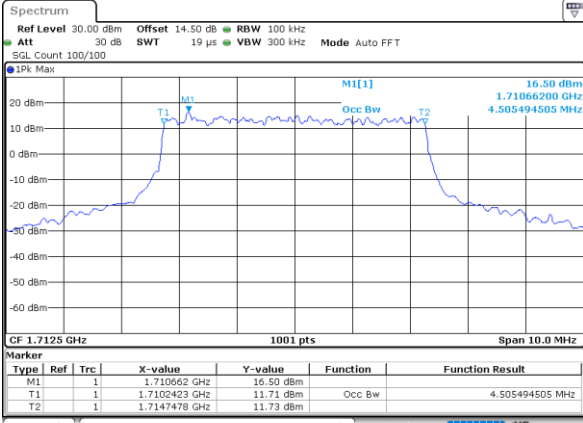


Date: 18_JAN_2023 07:01:23



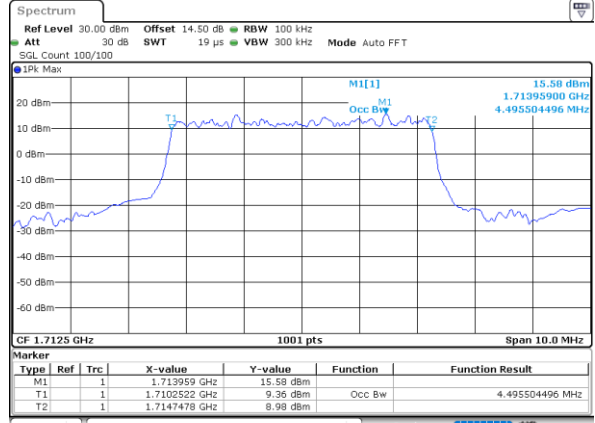
LTE Band 66

Lowest Channel / 5MHz / QPSK



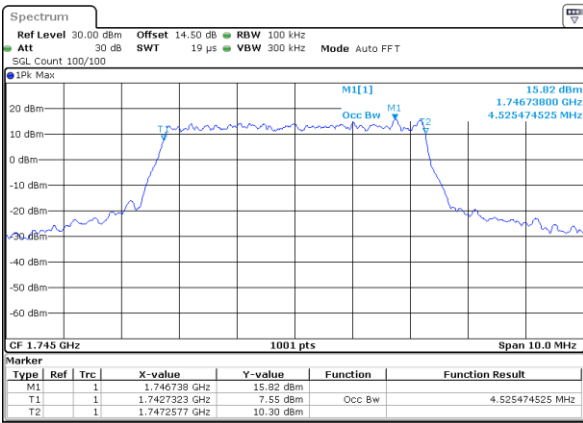
Date: 18_JAN,2023 07:14:57

Lowest Channel / 5MHz / 16QAM



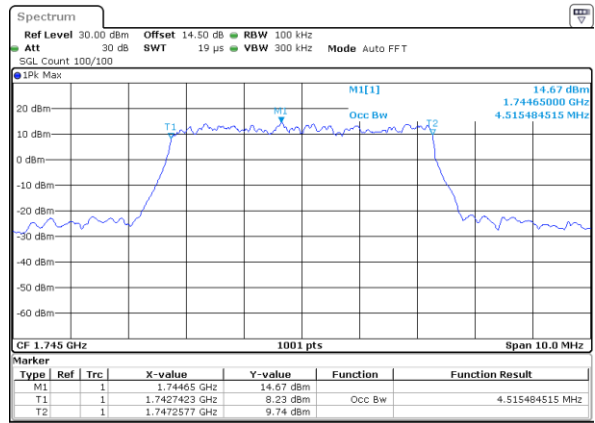
Date: 18_JAN,2023 07:15:19

Middle Channel / 5MHz / QPSK



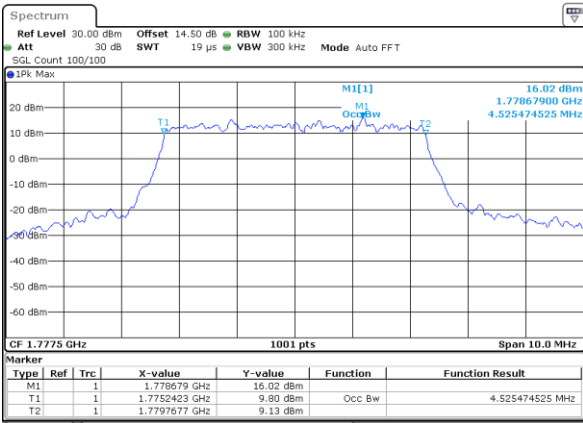
Date: 18_JAN,2023 07:18:26

Middle Channel / 5MHz / 16QAM



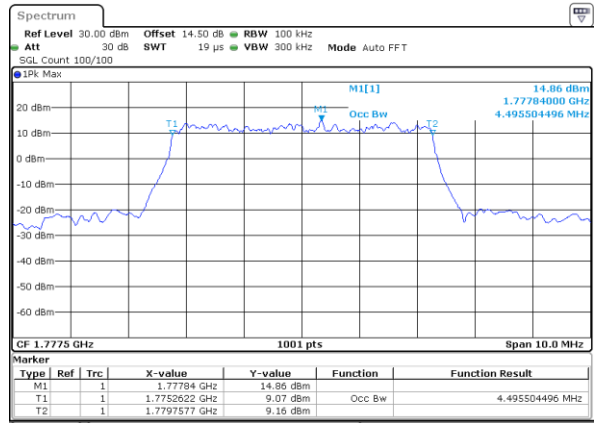
Date: 18_JAN,2023 07:18:48

Highest Channel / 5MHz / QPSK



Date: 18_JAN,2023 07:21:54

Highest Channel / 5MHz / 16QAM

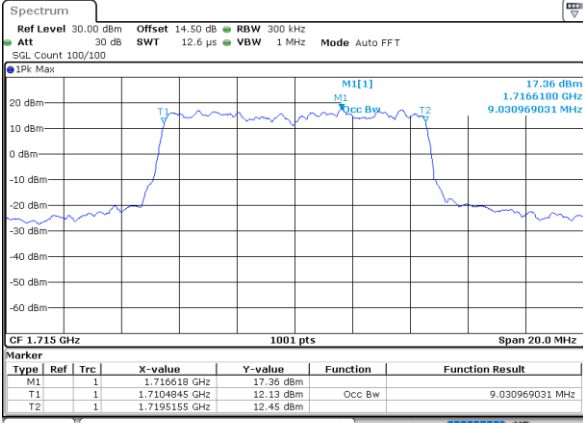


Date: 18_JAN,2023 07:22:16



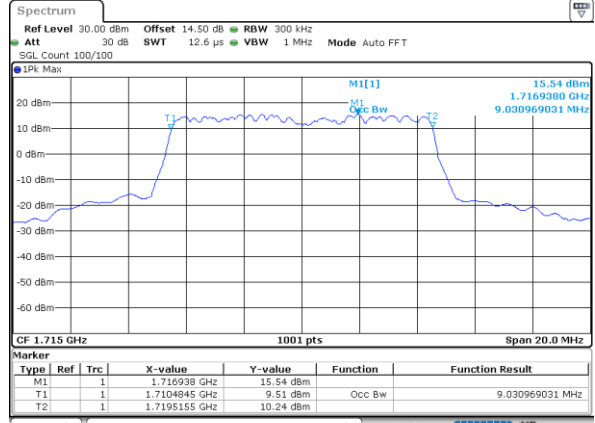
LTE Band 66

Lowest Channel / 10MHz / QPSK



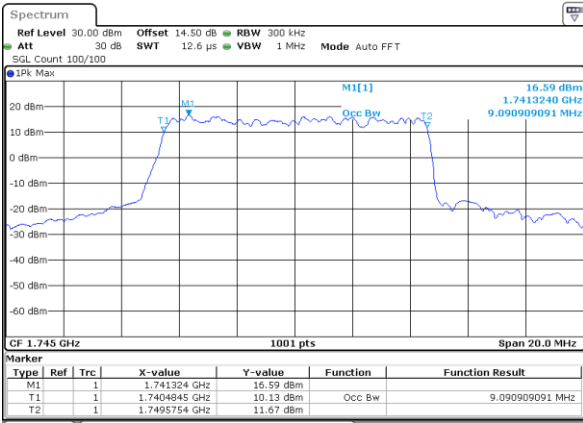
Date: 18_JAN_2023 07:25:24

Lowest Channel / 10MHz / 16QAM



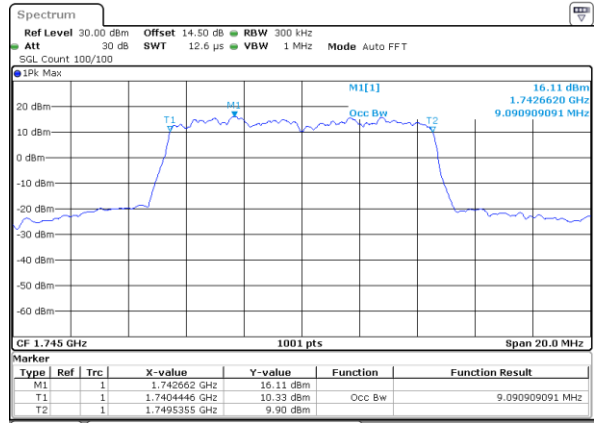
Date: 18_JAN_2023 07:25:46

Middle Channel / 10MHz / QPSK



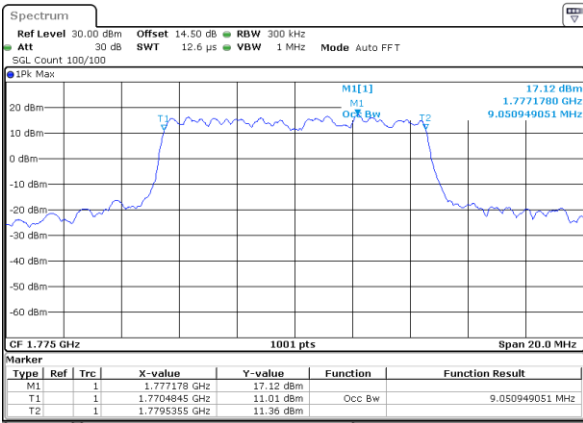
Date: 18_JAN_2023 07:28:53

Middle Channel / 10MHz / 16QAM



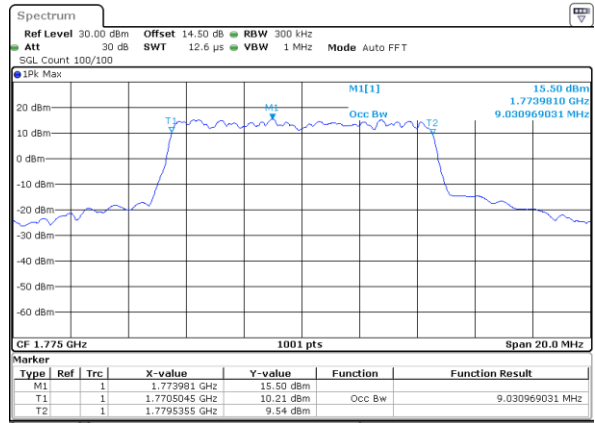
Date: 18_JAN_2023 07:32:15

Highest Channel / 10MHz / QPSK



Date: 18_JAN_2023 07:32:22

Highest Channel / 10MHz / 16QAM

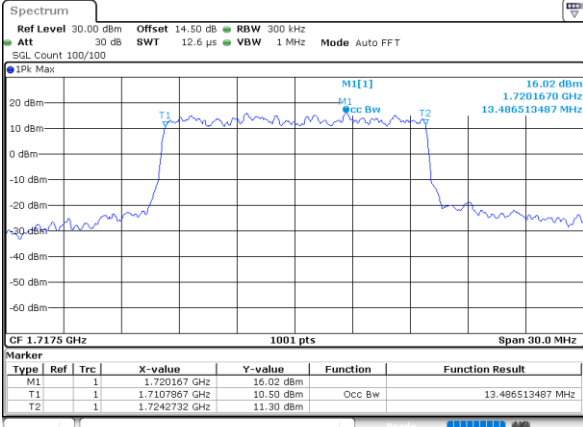


Date: 18_JAN_2023 07:32:44



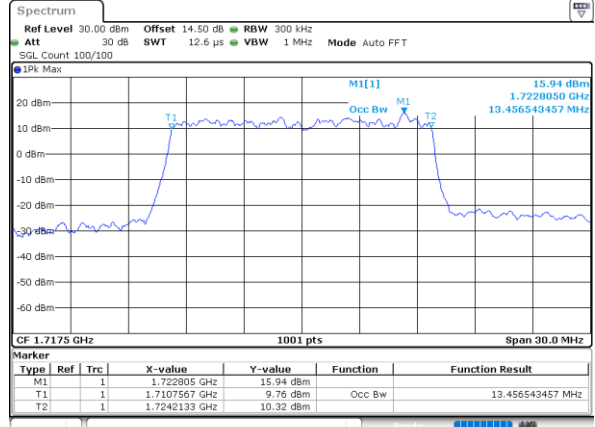
LTE Band 66

Lowest Channel / 15MHz / QPSK



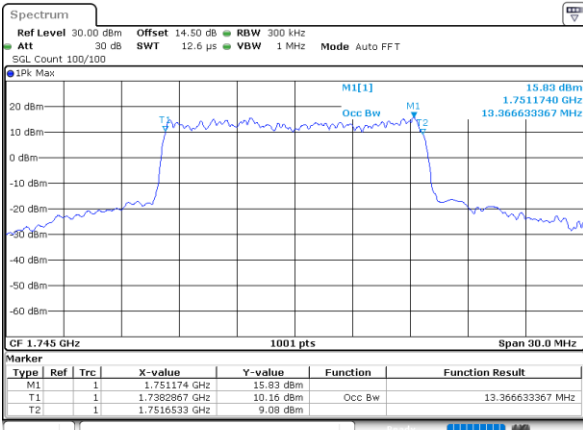
Date: 18_JAN_2023 07:46:18

Lowest Channel / 15MHz / 16QAM



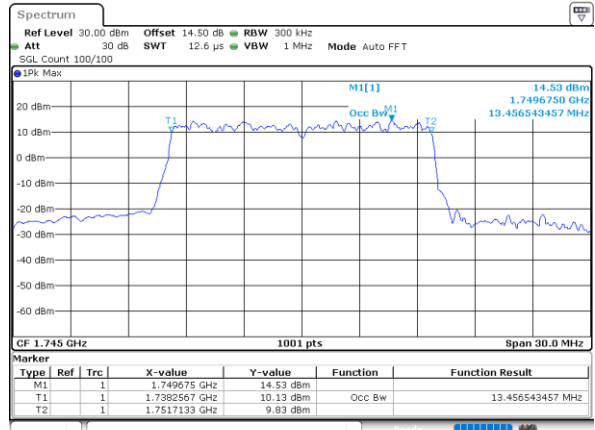
Date: 18_JAN_2023 07:46:140

Middle Channel / 15MHz / QPSK



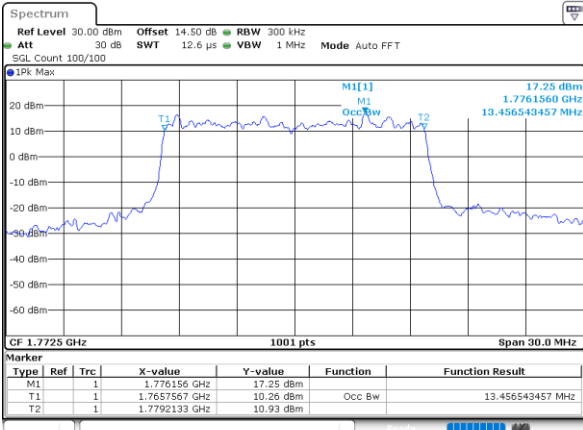
Date: 18_JAN_2023 07:49:48

Middle Channel / 15MHz / 16QAM



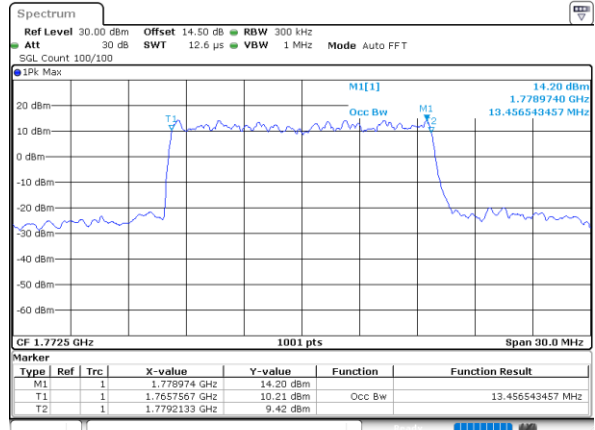
Date: 18_JAN_2023 07:50:110

Highest Channel / 15MHz / QPSK



Date: 18_JAN_2023 07:53:17

Highest Channel / 15MHz / 16QAM

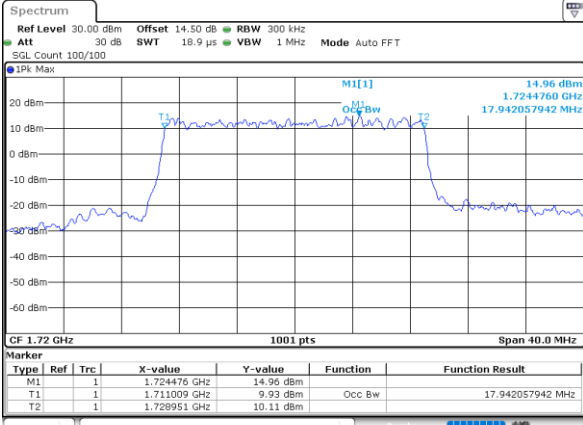


Date: 18_JAN_2023 07:53:139



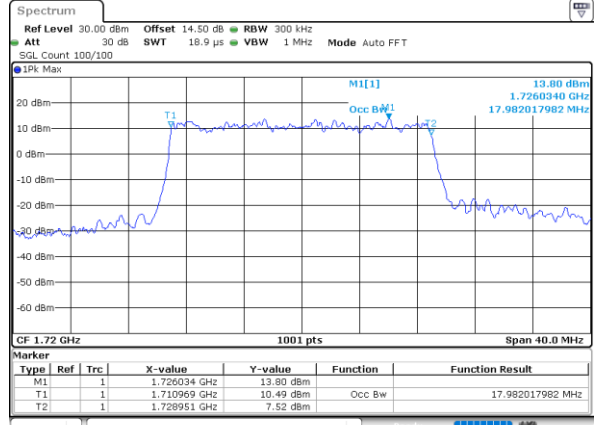
LTE Band 66

Lowest Channel / 20MHz / QPSK



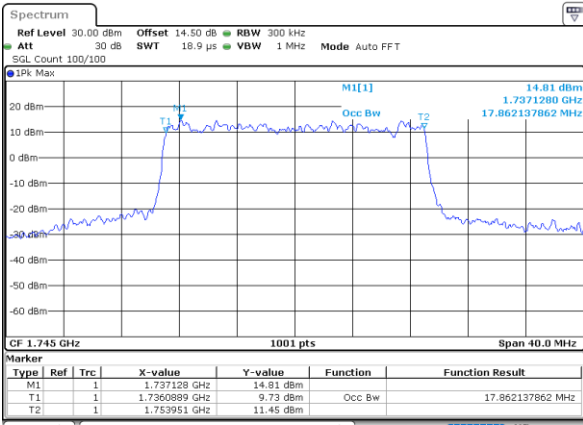
Date: 18_JAN_2023 07:56:46

Lowest Channel / 20MHz / 16QAM



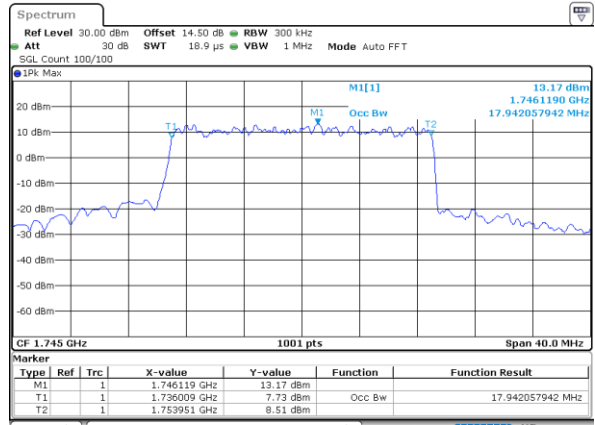
Date: 18_JAN_2023 07:57:08

Middle Channel / 20MHz / QPSK



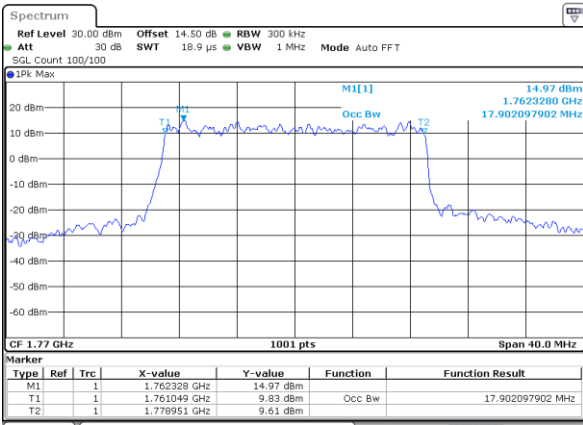
Date: 18_JAN_2023 08:00:16

Middle Channel / 20MHz / 16QAM



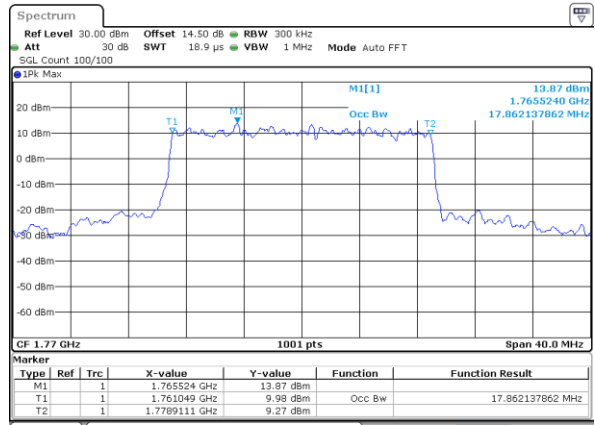
Date: 18_JAN_2023 08:00:38

Highest Channel / 20MHz / QPSK



Date: 18_JAN_2023 08:03:45

Highest Channel / 20MHz / 16QAM

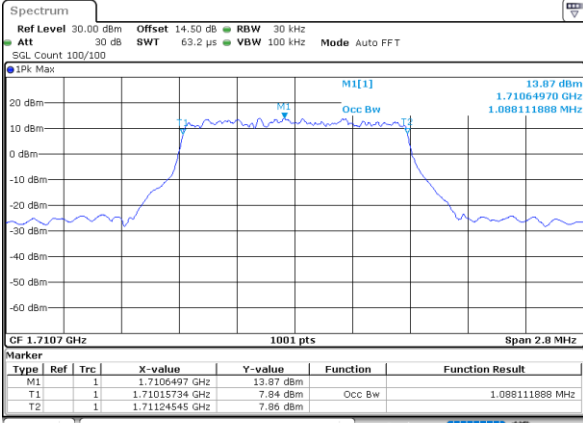


Date: 18_JAN_2023 08:04:07



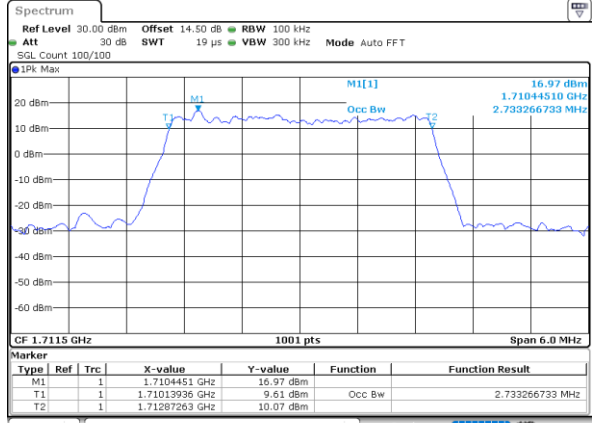
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



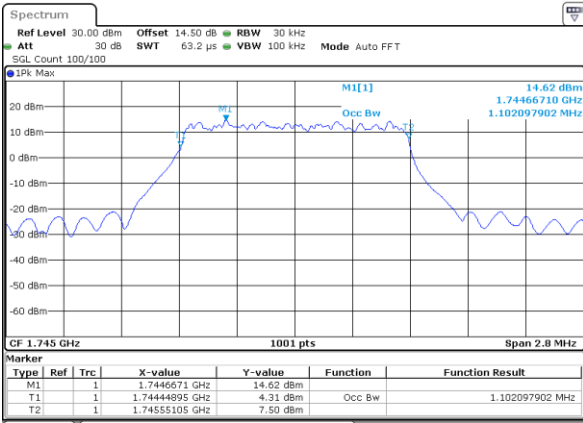
Date: 18_JAN_2023 06:48:40

Lowest Channel / 3MHz / 64QAM



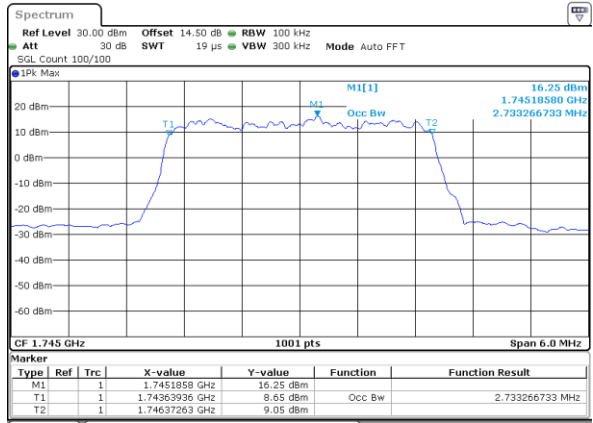
Date: 18_JAN_2023 07:10:130

Middle Channel / 1.4MHz / 64QAM



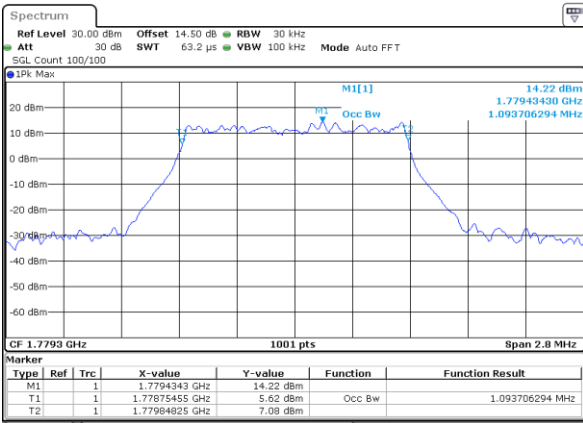
Date: 18_JAN_2023 06:50:33

Middle Channel / 3MHz / 64QAM



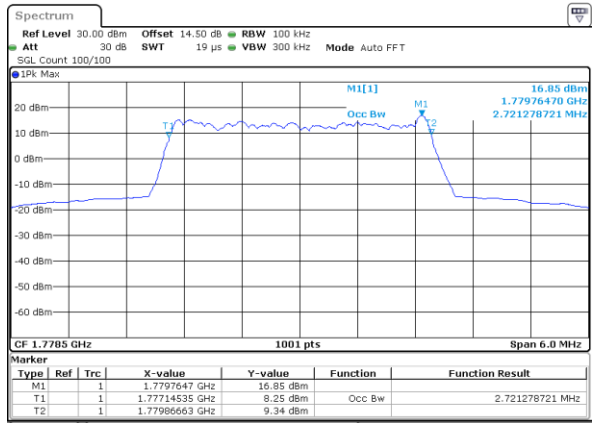
Date: 18_JAN_2023 07:10:614

Highest Channel / 1.4MHz / 64QAM



Date: 18_JAN_2023 06:52:10

Highest Channel / 3MHz / 64QAM

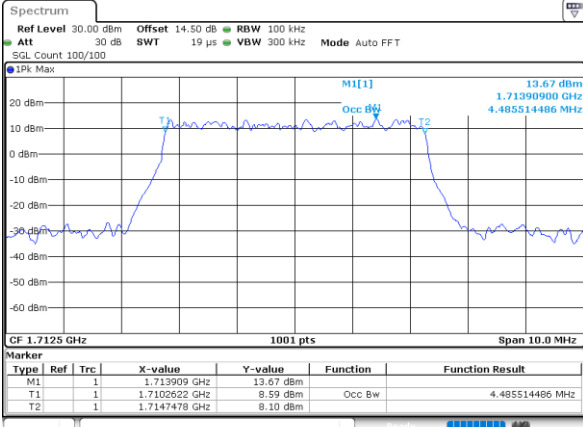


Date: 18_JAN_2023 07:10:758



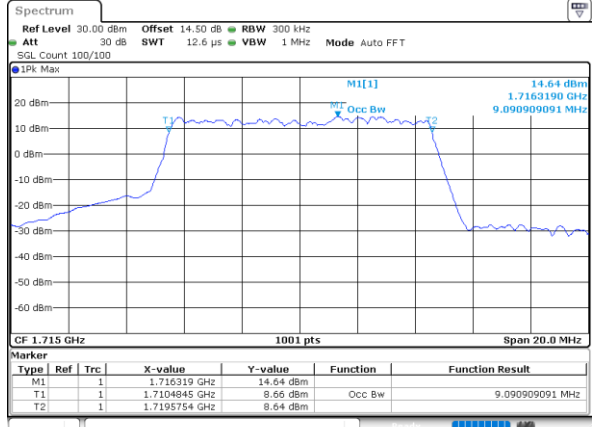
LTE Band 66

Lowest Channel / 5MHz / 64QAM



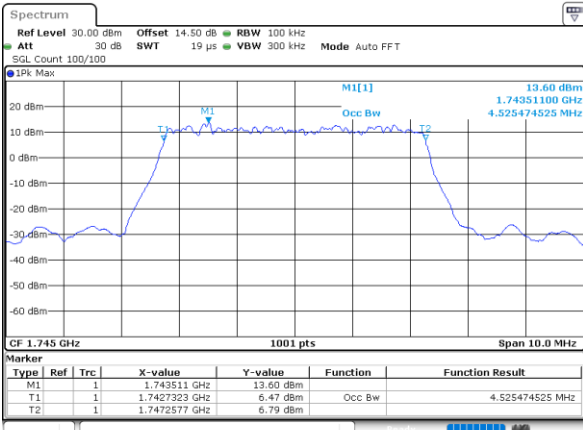
Date: 18_JAN_2023 07:09:43

Lowest Channel / 10MHz / 64QAM



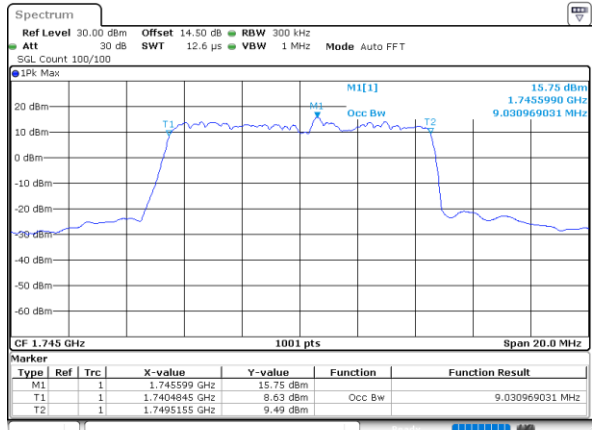
Date: 18_JAN_2023 07:13:51

Middle Channel / 5MHz / 64QAM



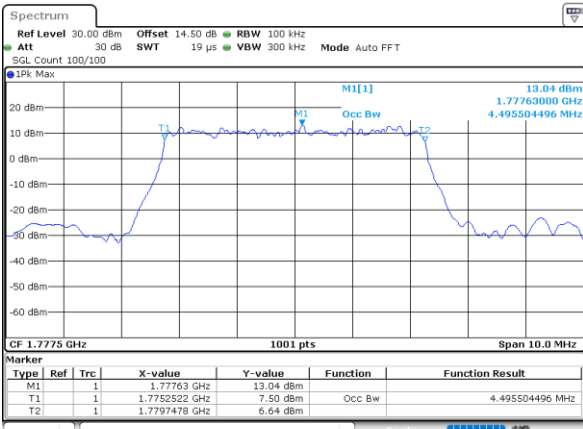
Date: 18_JAN_2023 07:11:28

Middle Channel / 10MHz / 64QAM



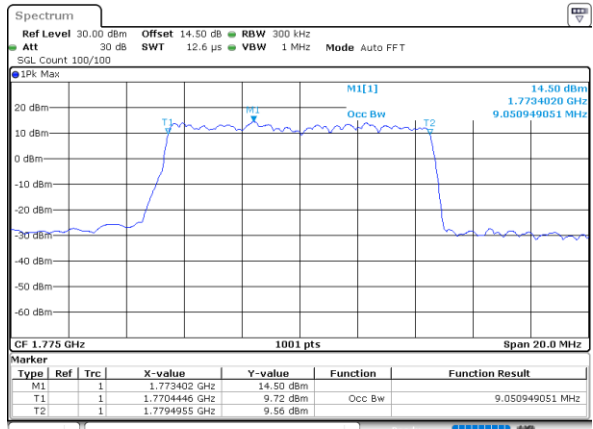
Date: 18_JAN_2023 07:13:16

Highest Channel / 5MHz / 64QAM



Date: 18_JAN_2023 07:13:12

Highest Channel / 10MHz / 64QAM

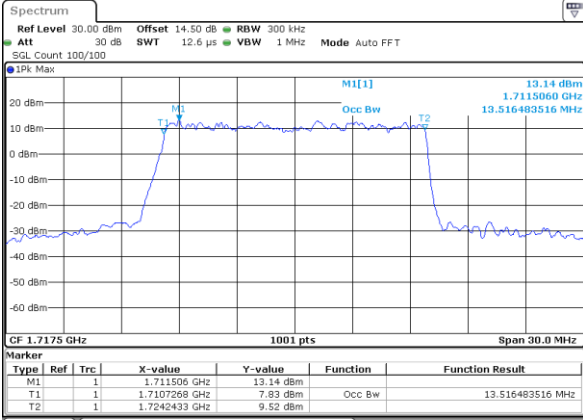


Date: 18_JAN_2023 07:13:12



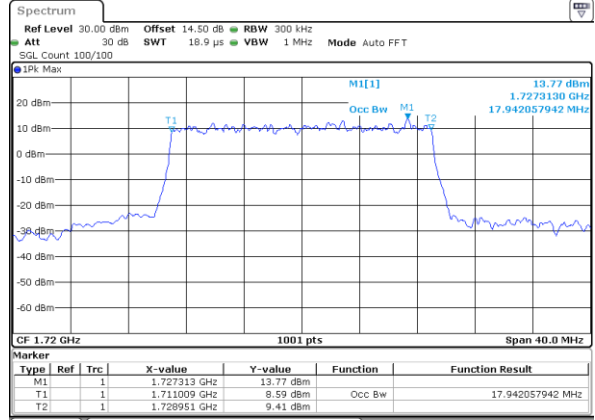
LTE Band 66

Lowest Channel / 15MHz / 64QAM



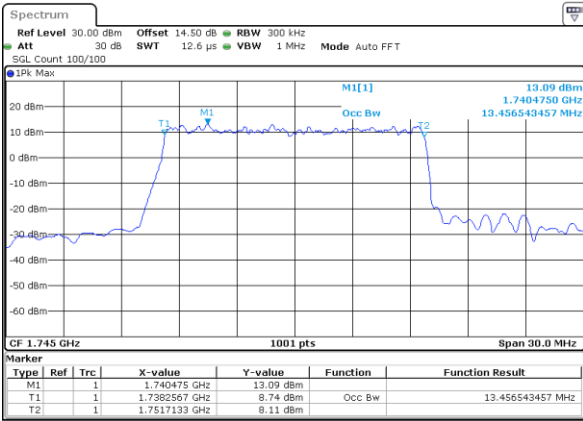
Date: 18_JAN_2023 07:41:05

Lowest Channel / 20MHz / 64QAM



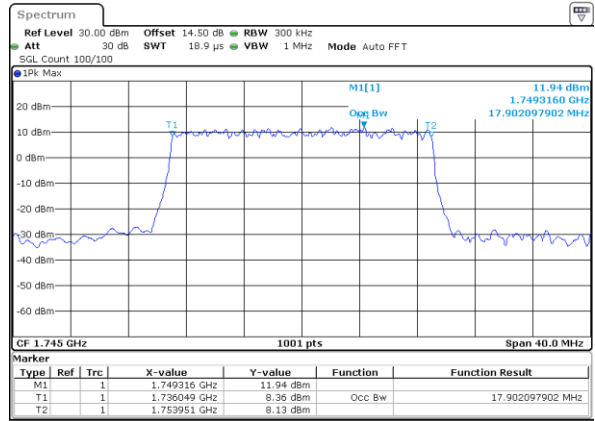
Date: 18_JAN_2023 08:07:14

Middle Channel / 15MHz / 64QAM



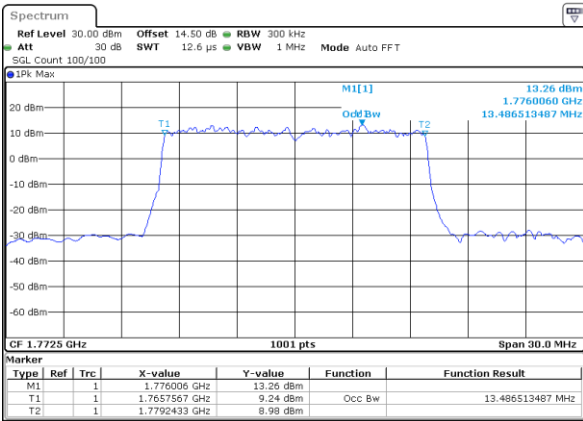
Date: 18_JAN_2023 07:42:49

Middle Channel / 20MHz / 64QAM



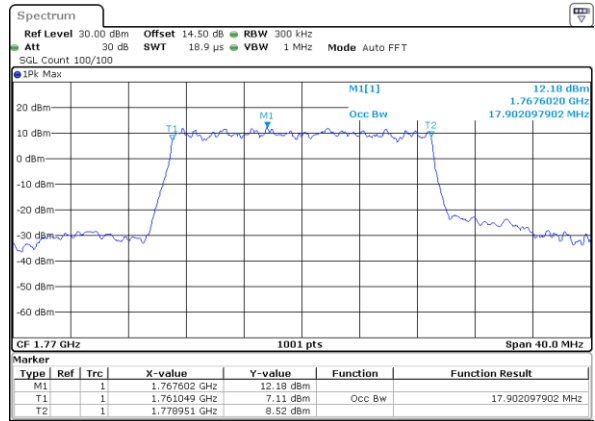
Date: 18_JAN_2023 08:08:58

Highest Channel / 15MHz / 64QAM



Date: 18_JAN_2023 07:44:34

Highest Channel / 20MHz / 64QAM



Date: 18_JAN_2023 08:10:43