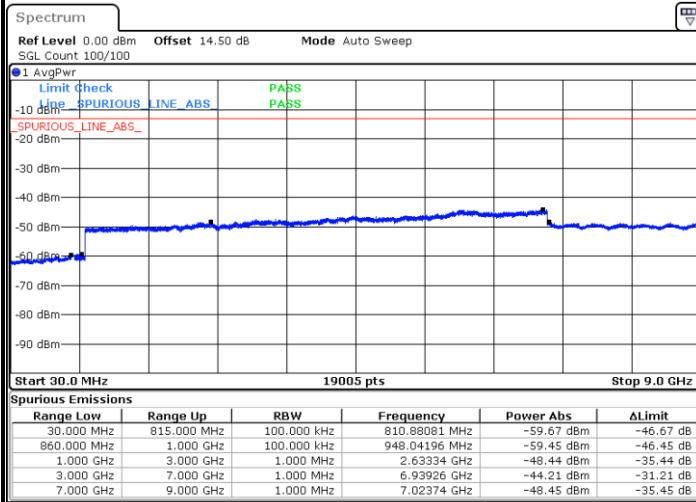




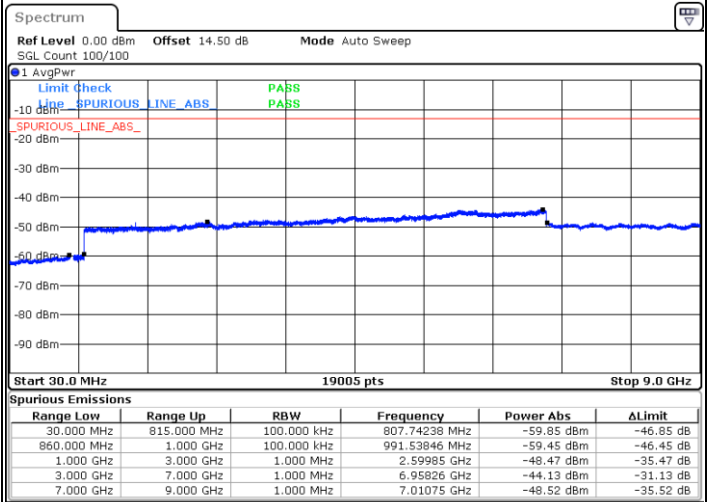
LTE Band 26 / 15MHz

Lowest Channel / 64QAM



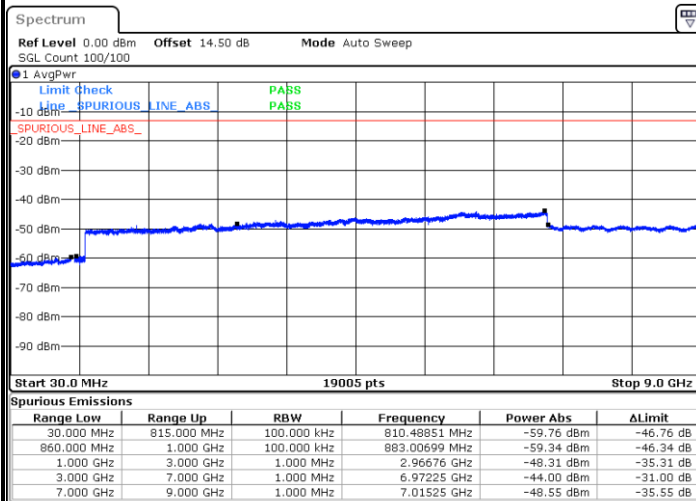
Date: 27.APR.2022 14:11:59

Middle Channel / 64QAM



Date: 27.APR.2022 14:13:44

Highest Channel / 64QAM



Date: 27.APR.2022 14:17:54

Frequency Stability

Test Conditions		LTE Band 26 (QPSK) / Middle Channel	Limit
Temperature (°C)	Voltage (Volt)	BW 10MHz	2.5ppm
		Deviation (ppm)	Result
50	Normal Voltage	0.0133	PASS
40	Normal Voltage	0.0152	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0097	
0	Normal Voltage	0.0136	
-10	Normal Voltage	0.0137	
20	Maximum Voltage	0.0166	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0145	

Note:

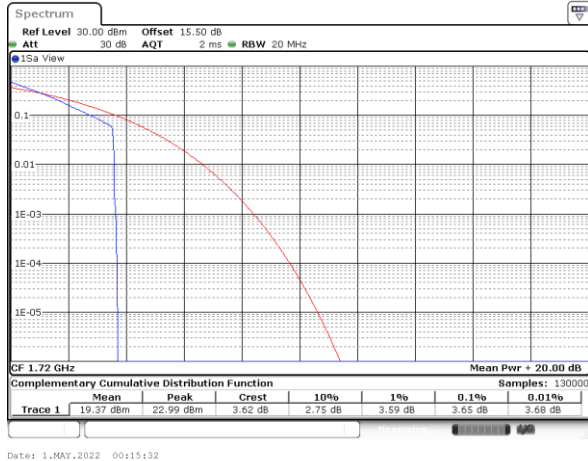
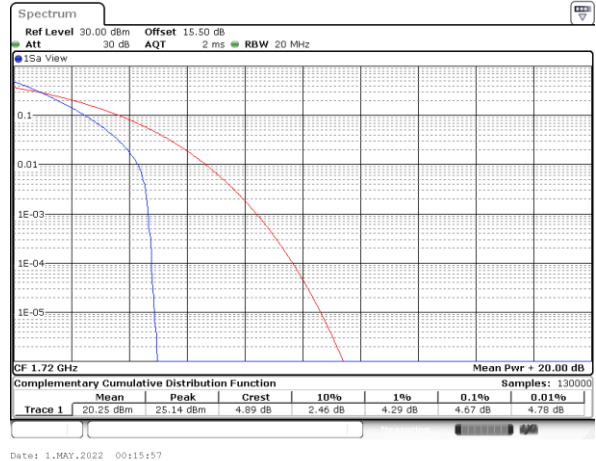
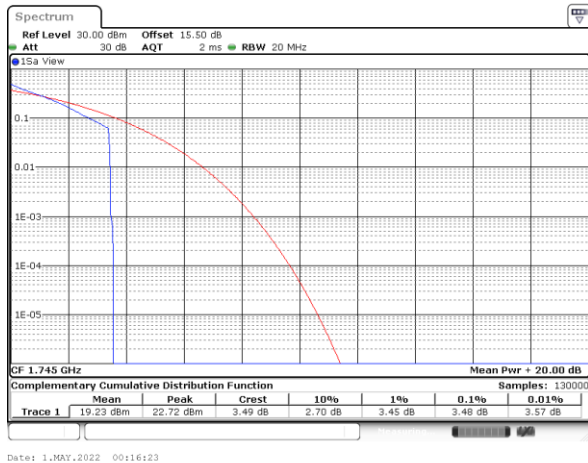
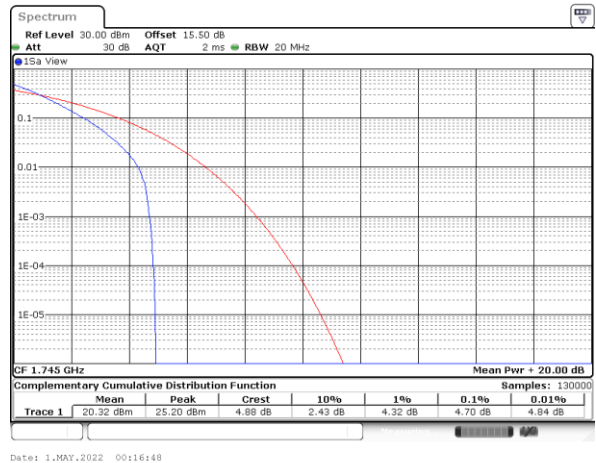
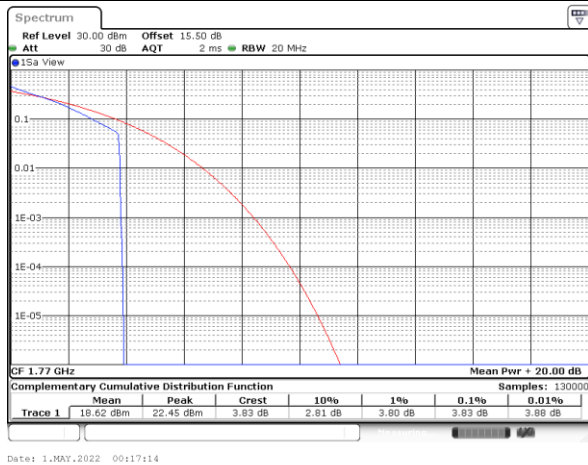
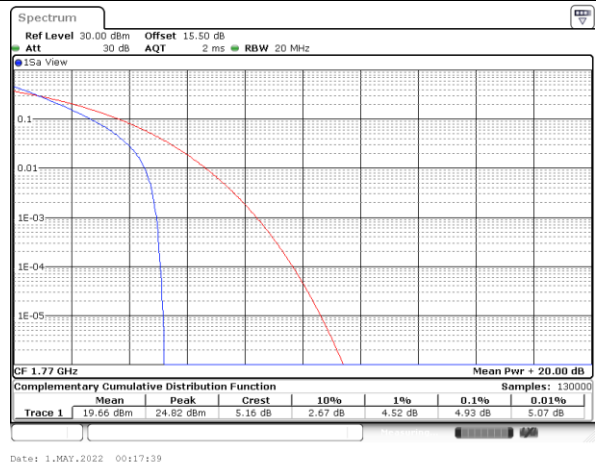
1. Normal Voltage =3.89 V. ; Battery End Point (BEP) =3.65V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



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	3.65	4.67	4.29	5.83	PASS
Middle CH	3.48	4.70	4.09	5.83	
Highest CH	3.83	4.93	4.64	5.88	
Mode	LTE Band 66 / 20MHz				
Mod.	64QAM				Limit: 13dB
RB Size	1RB	Full RB			Result
Lowest CH	5.51	6.46	-	-	PASS
Middle CH	5.30	6.35	-	-	
Highest CH	5.33	6.52	-	-	

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


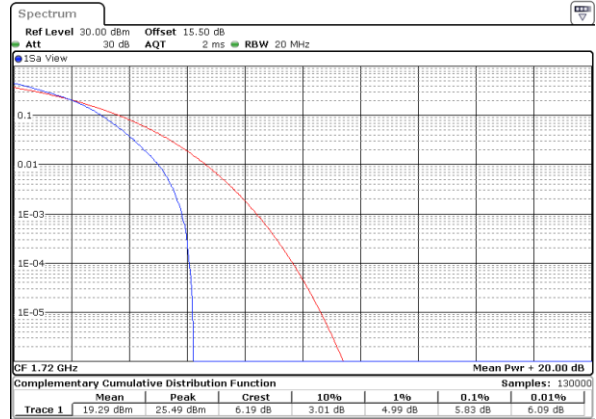


LTE Band 66 / 20MHz / 16QAM

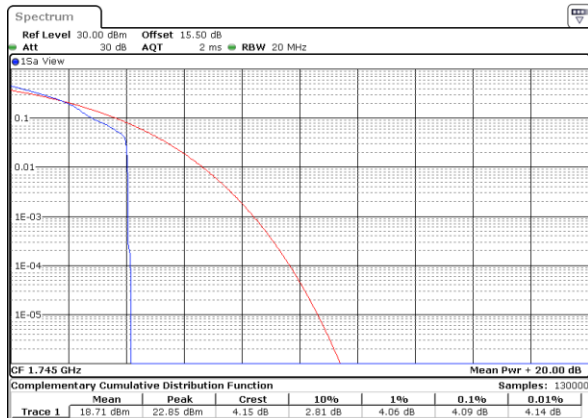
Lowest Channel / 1RB



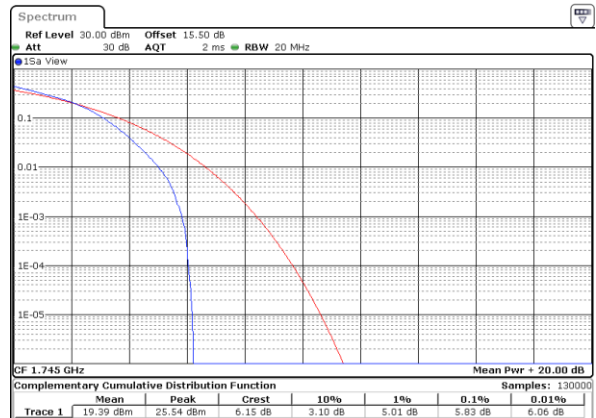
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



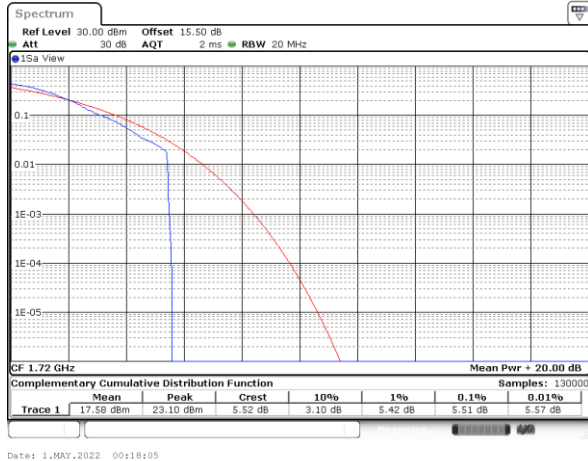
Highest Channel / Full RB



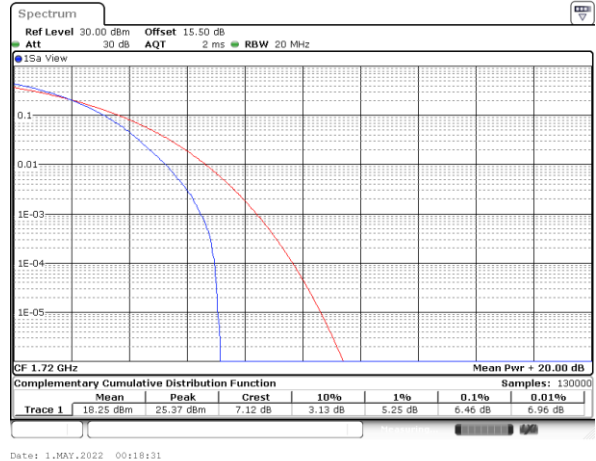


LTE Band 66 / 20MHz / 64QAM

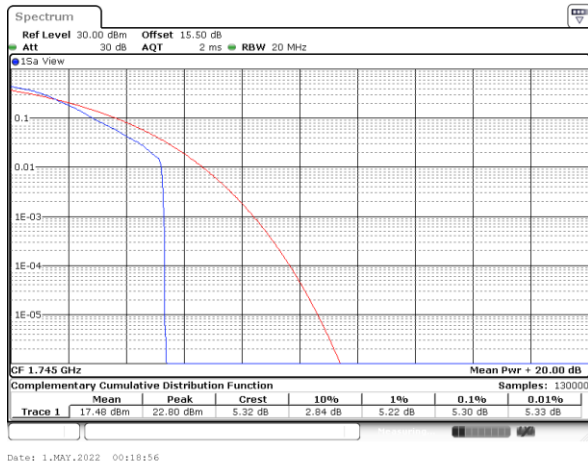
Lowest Channel / 1RB



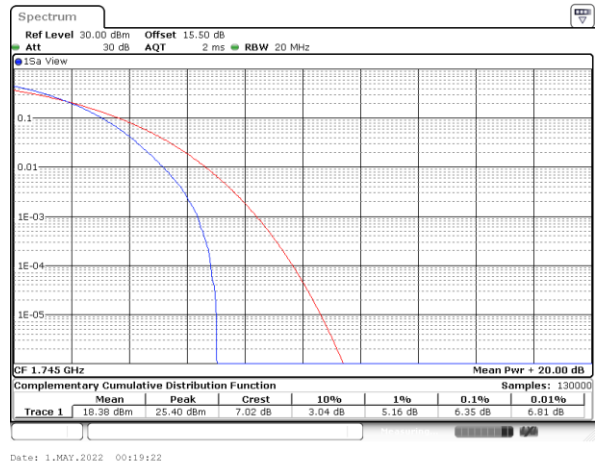
Lowest Channel / Full RB



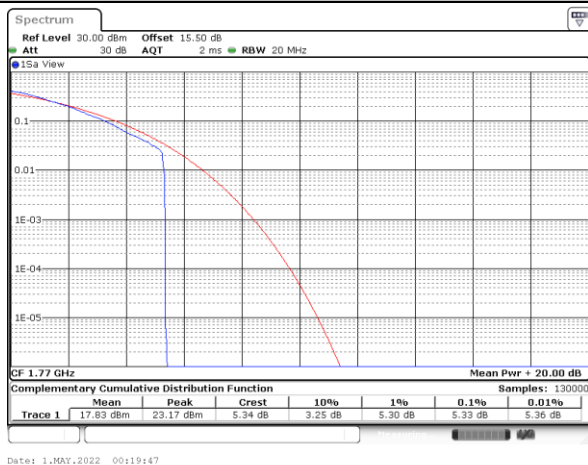
Middle Channel / 1RB



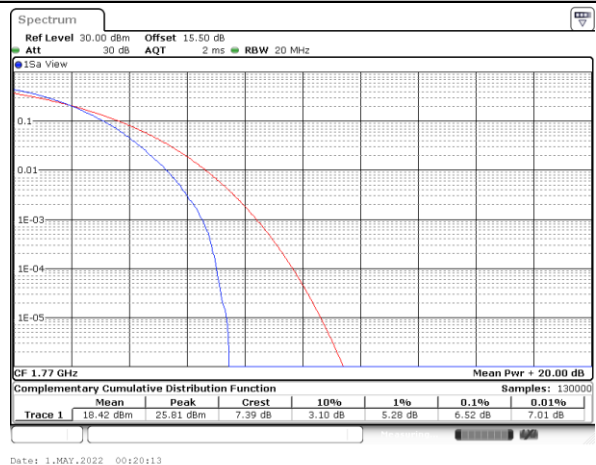
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



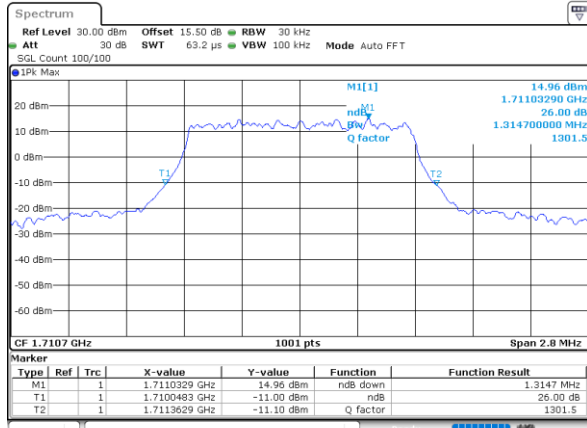
**26dB Bandwidth**

Mode	LTE Band 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	1.31	1.36	3.02	3.13	4.99	5.00	9.83	9.93	14.60	14.27	18.66	19.54
Middle CH	1.31	1.31	3.13	3.09	5.14	5.06	9.79	10.13	14.21	14.63	19.02	19.14
Highest CH	1.38	1.33	3.03	2.97	5.03	5.02	10.09	10.03	14.27	14.45	19.22	19.06
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.32	-	3.12	-	5.10	-	10.11	-	14.69	-	19.50	-
Middle CH	1.36	-	3.07	-	4.78	-	9.91	-	14.51	-	19.14	-
Highest CH	1.30	-	3.03	-	4.96	-	10.01	-	14.57	-	19.50	-

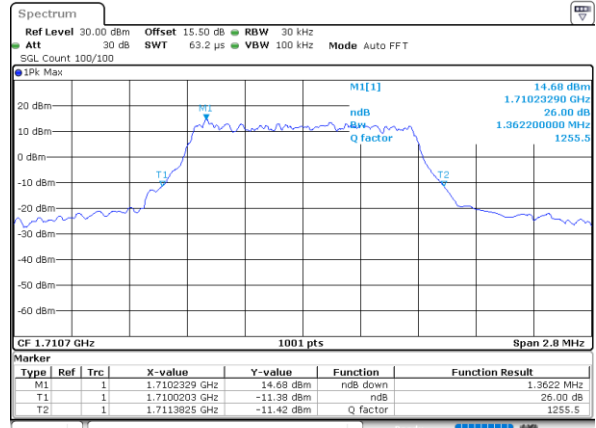


LTE Band 66

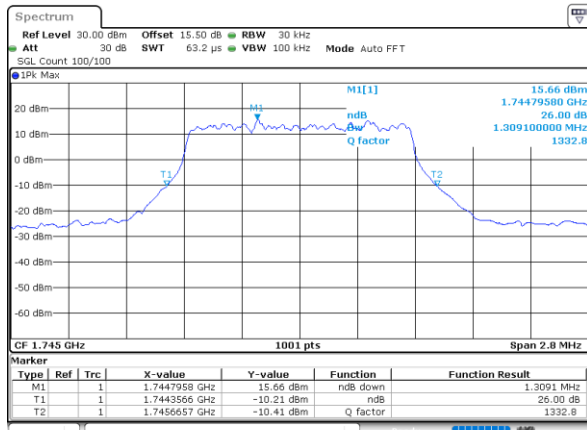
Lowest Channel / 1.4MHz / QPSK



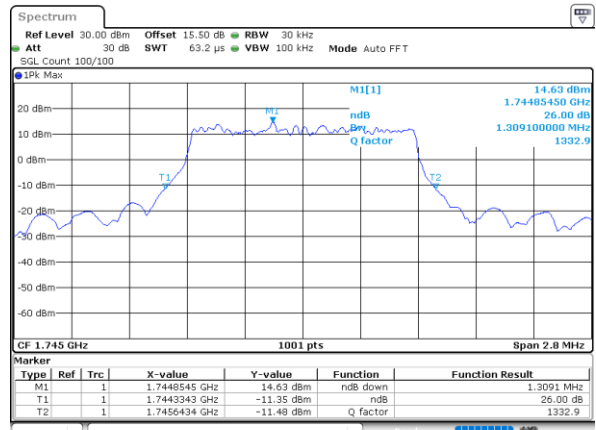
Lowest Channel / 1.4MHz / 16QAM



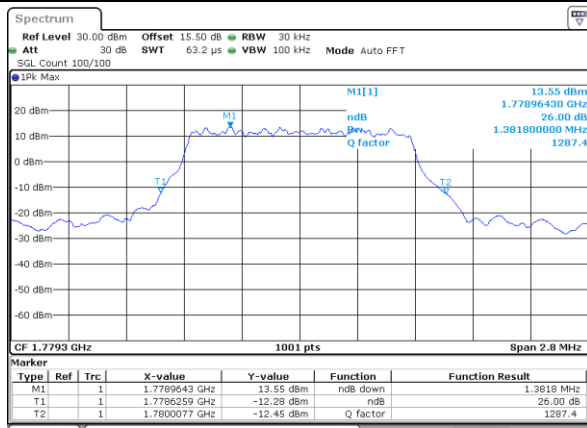
Middle Channel / 1.4MHz / QPSK



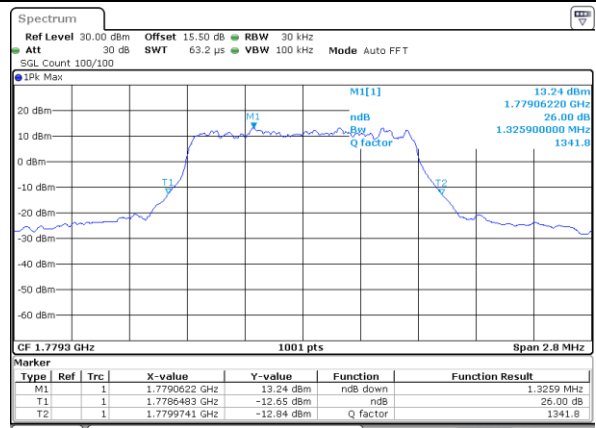
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



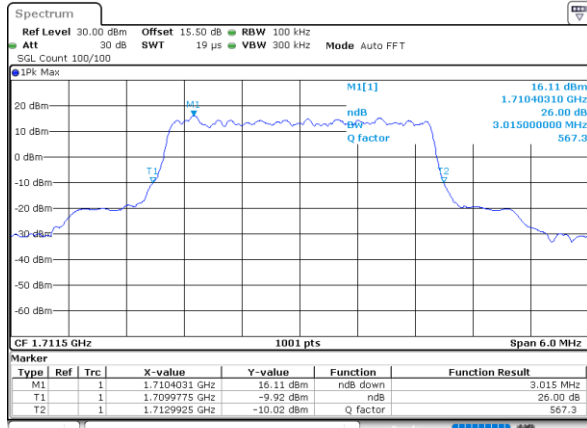
Highest Channel / 1.4MHz / 16QAM





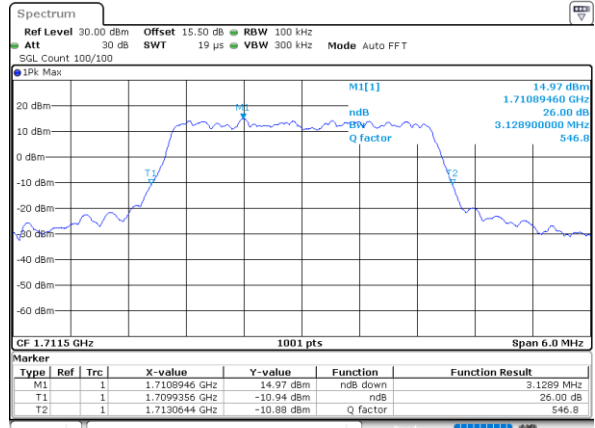
LTE Band 66

Lowest Channel / 3MHz / QPSK



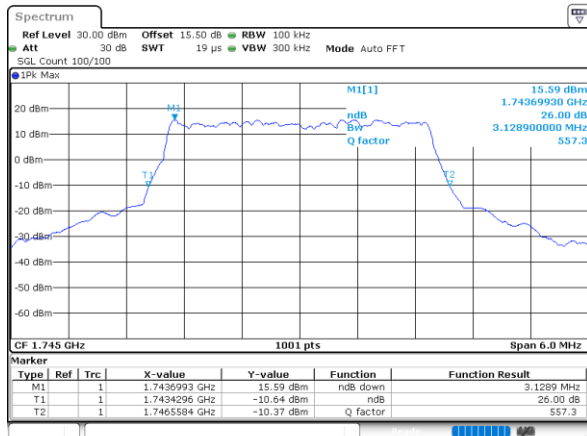
Date: 30.APR.2022 21:12:56

Lowest Channel / 3MHz / 16QAM



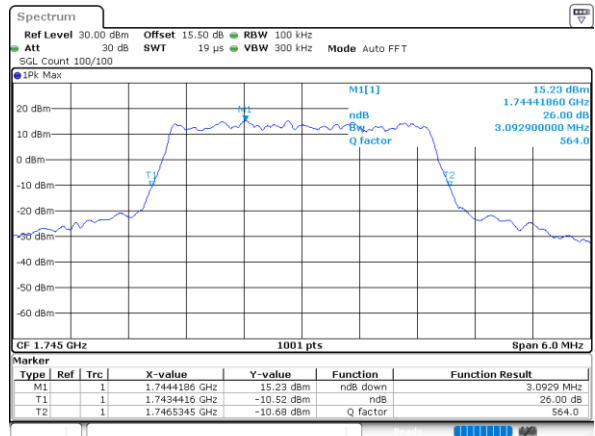
Date: 30.APR.2022 21:13:21

Middle Channel / 3MHz / QPSK



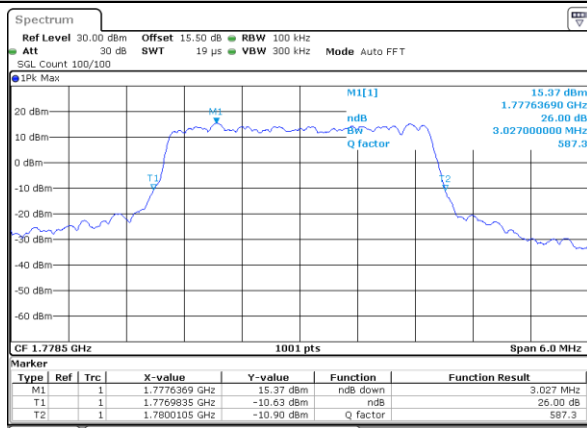
Date: 30.APR.2022 21:23:07

Middle Channel / 3MHz / 16QAM



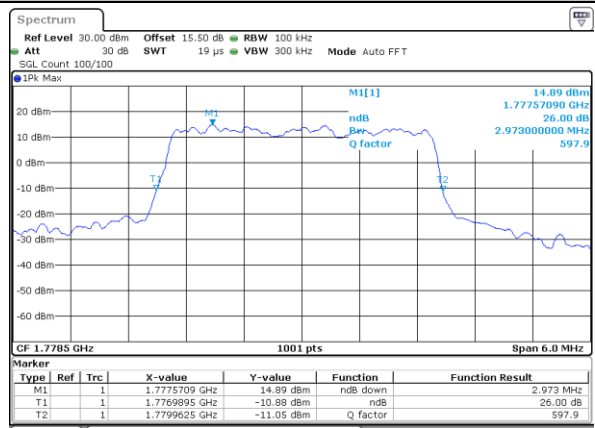
Date: 30.APR.2022 21:23:31

Highest Channel / 3MHz / QPSK



Date: 30.APR.2022 21:27:07

Highest Channel / 3MHz / 16QAM

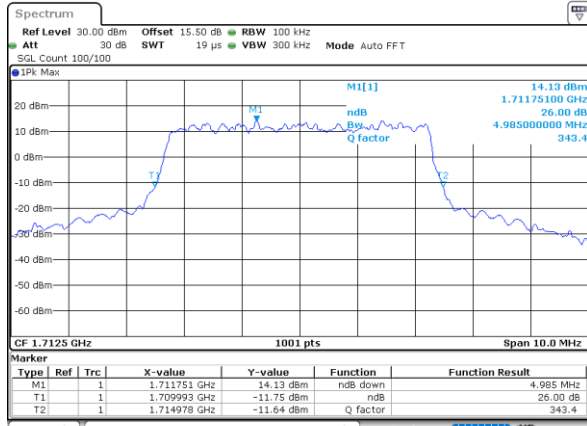


Date: 30.APR.2022 21:27:31



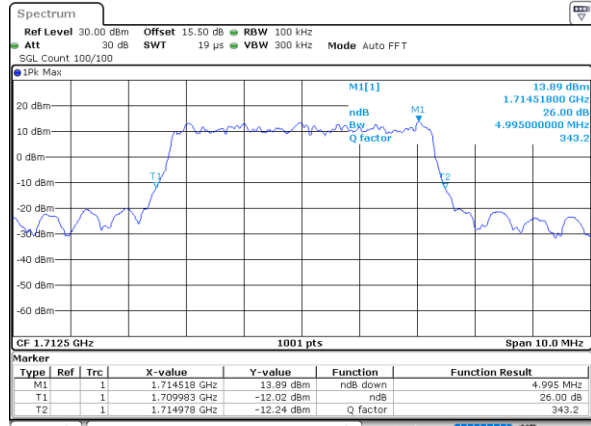
LTE Band 66

Lowest Channel / 5MHz / QPSK



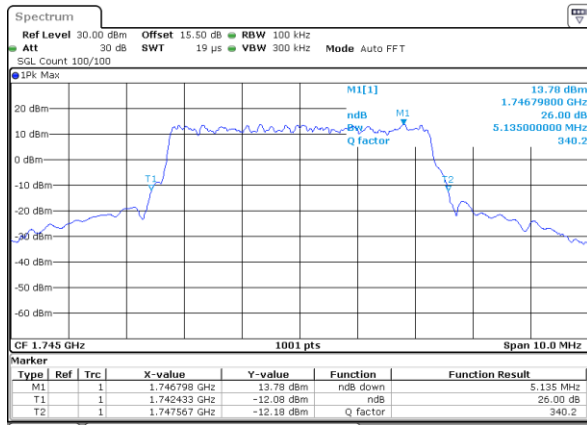
Date: 30.APR.2022 22:10:45

Lowest Channel / 5MHz / 16QAM



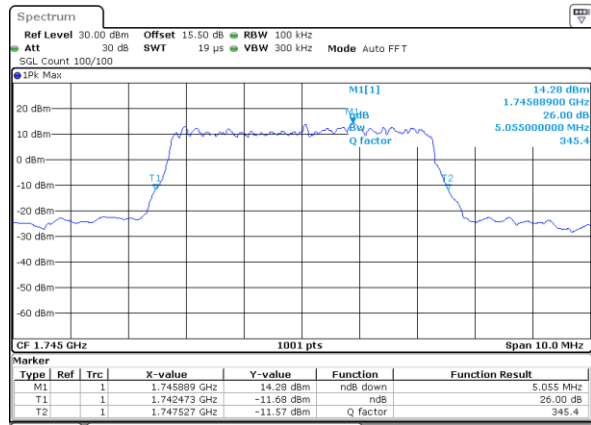
Date: 30.APR.2022 22:10:09

Middle Channel / 5MHz / QPSK



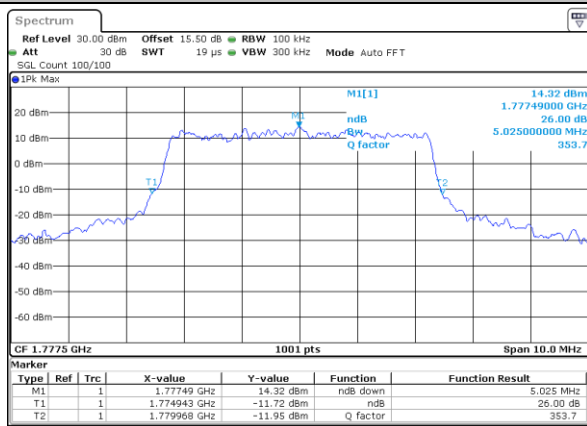
Date: 30.APR.2022 22:10:58

Middle Channel / 5MHz / 16QAM



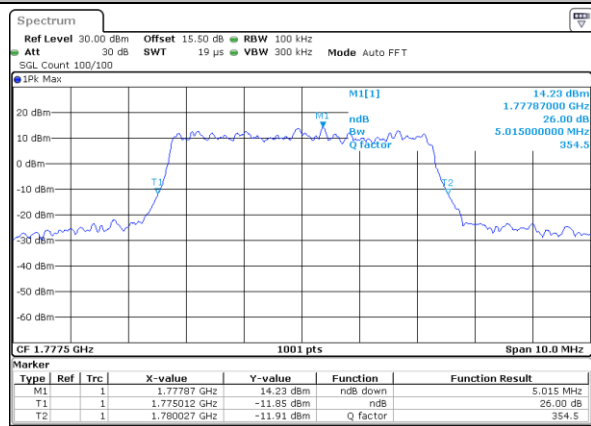
Date: 30.APR.2022 22:11:22

Highest Channel / 5MHz / QPSK



Date: 30.APR.2022 22:15:01

Highest Channel / 5MHz / 16QAM

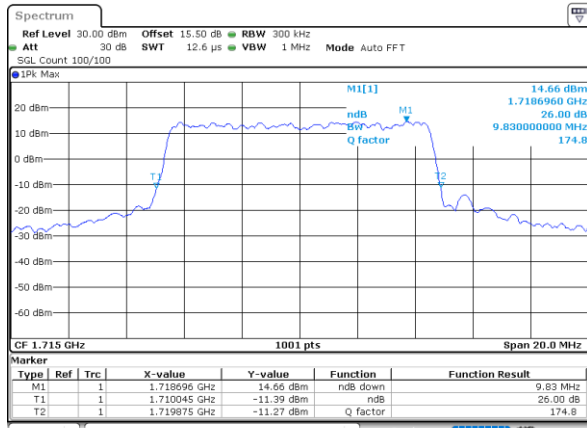


Date: 30.APR.2022 22:15:25

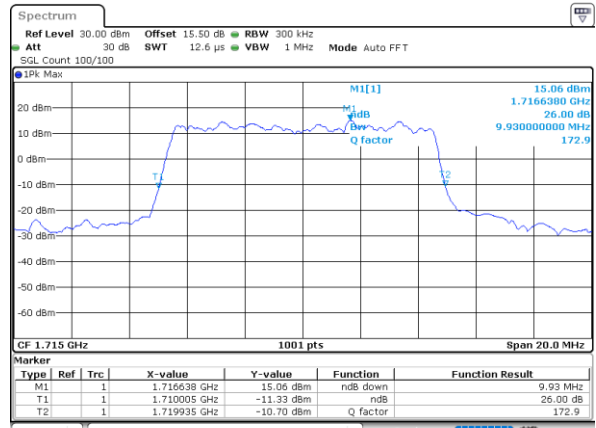


LTE Band 66

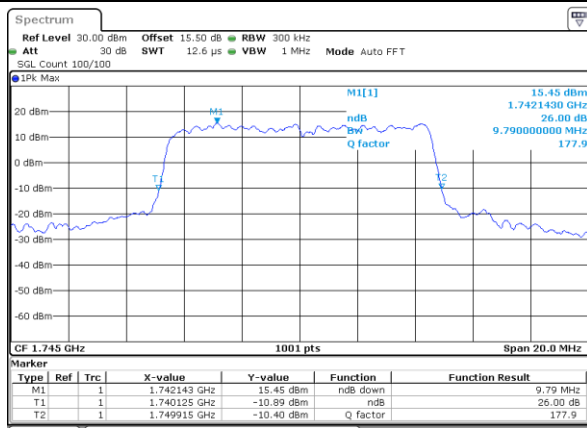
Lowest Channel / 10MHz / QPSK



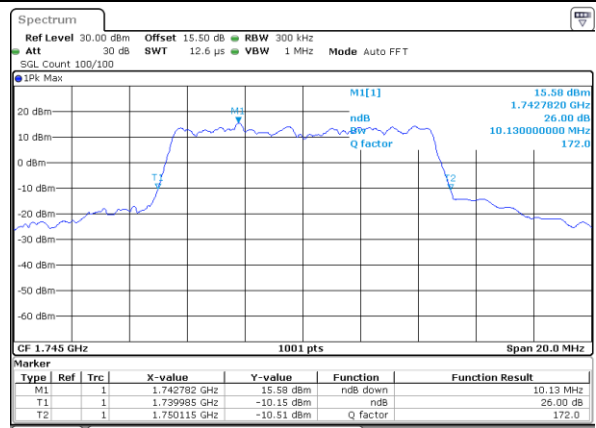
Lowest Channel / 10MHz / 16QAM



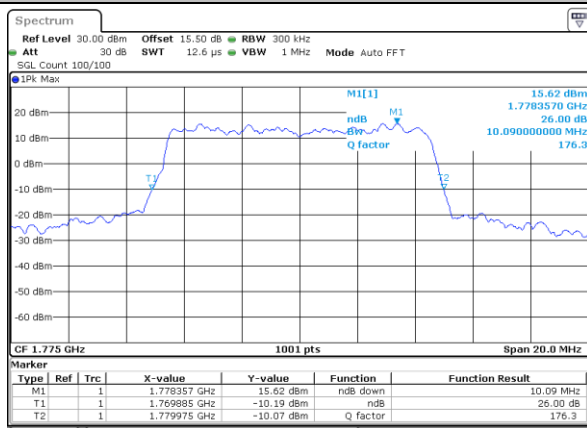
Middle Channel / 10MHz / QPSK



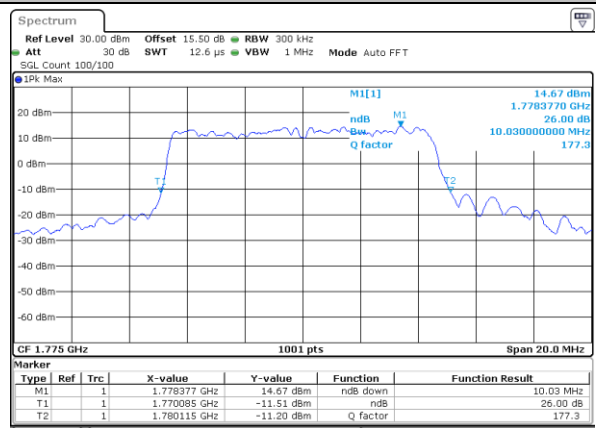
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



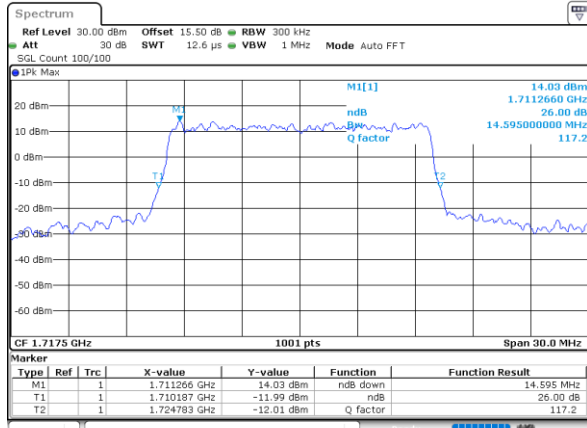
Highest Channel / 10MHz / 16QAM





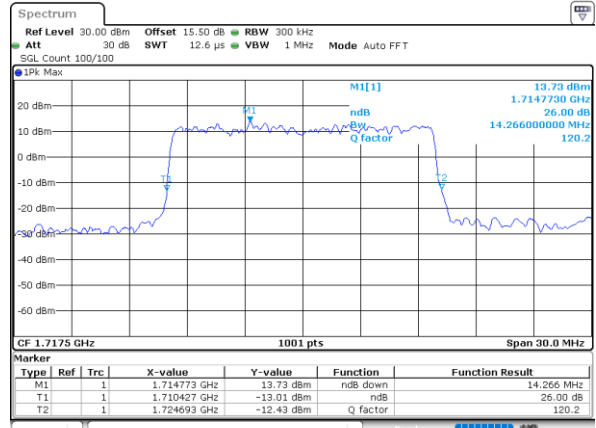
LTE Band 66

Lowest Channel / 15MHz / QPSK



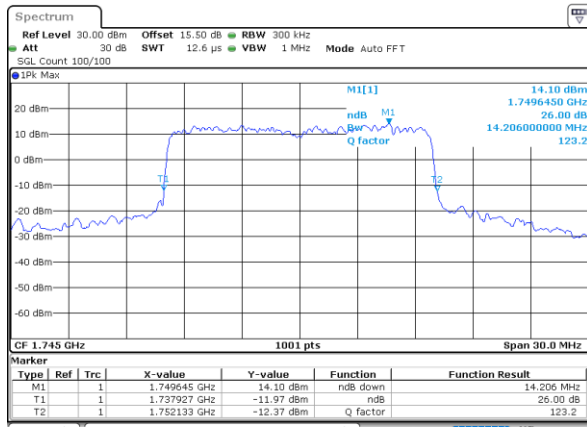
Date: 30.APR.2022 23:13:06

Lowest Channel / 15MHz / 16QAM



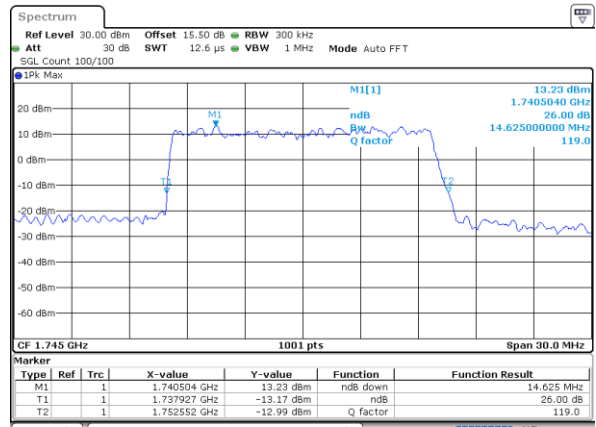
Date: 30.APR.2022 23:13:29

Middle Channel / 15MHz / QPSK



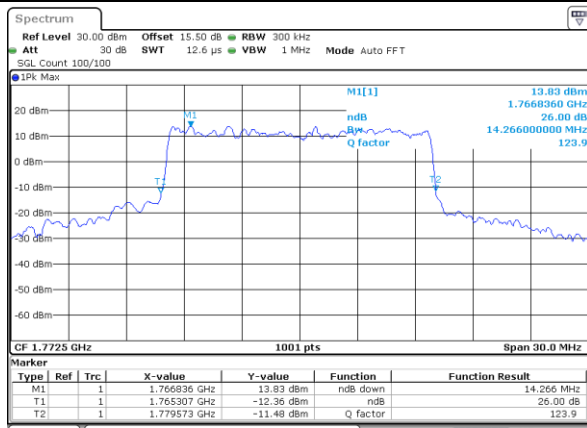
Date: 30.APR.2022 23:23:19

Middle Channel / 15MHz / 16QAM



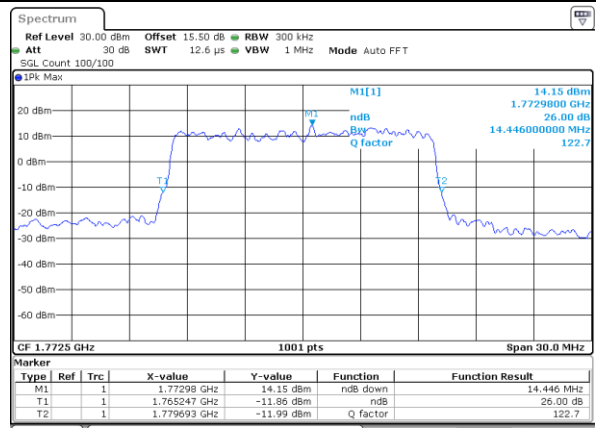
Date: 30.APR.2022 23:23:43

Highest Channel / 15MHz / QPSK



Date: 30.APR.2022 23:27:21

Highest Channel / 15MHz / 16QAM

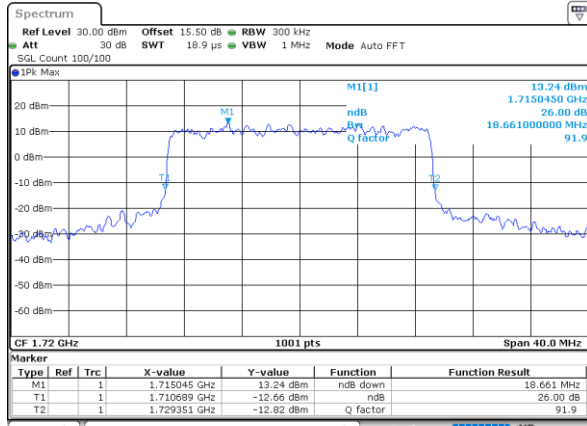


Date: 30.APR.2022 23:27:45



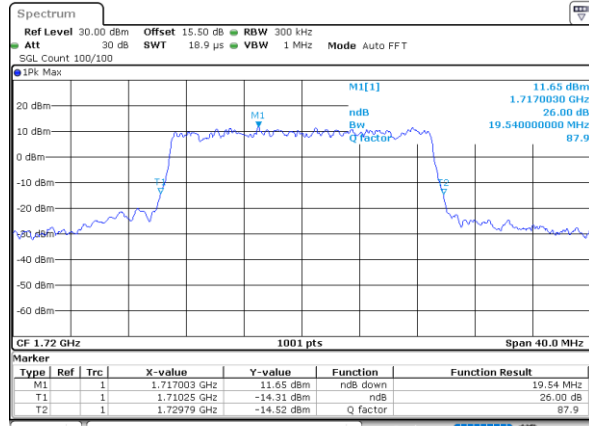
LTE Band 66

Lowest Channel / 20MHz / QPSK



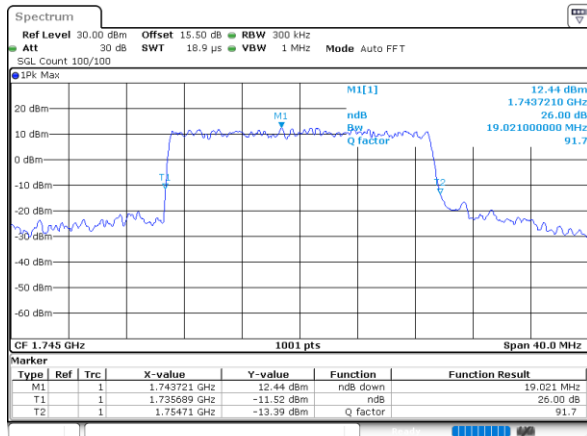
Date: 30.APR.2022 23:37:39

Lowest Channel / 20MHz / 16QAM



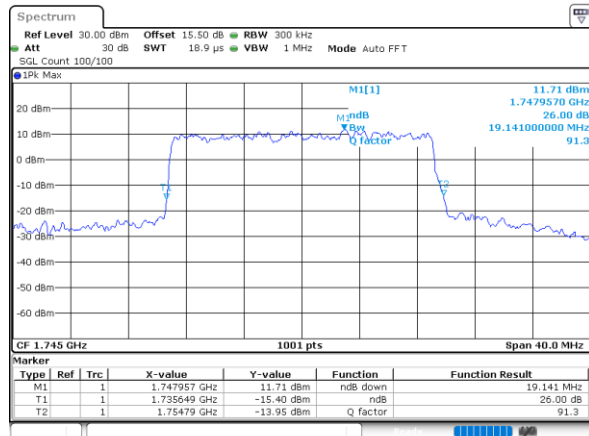
Date: 30.APR.2022 23:38:03

Middle Channel / 20MHz / QPSK



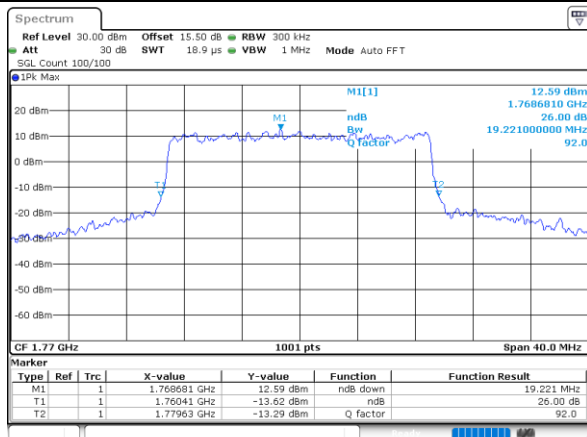
Date: 30.APR.2022 23:47:50

Middle Channel / 20MHz / 16QAM



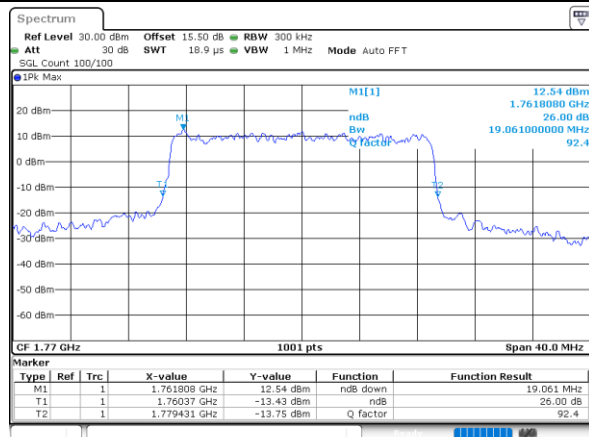
Date: 30.APR.2022 23:48:14

Highest Channel / 20MHz / QPSK



Date: 30.APR.2022 23:51:51

Highest Channel / 20MHz / 16QAM

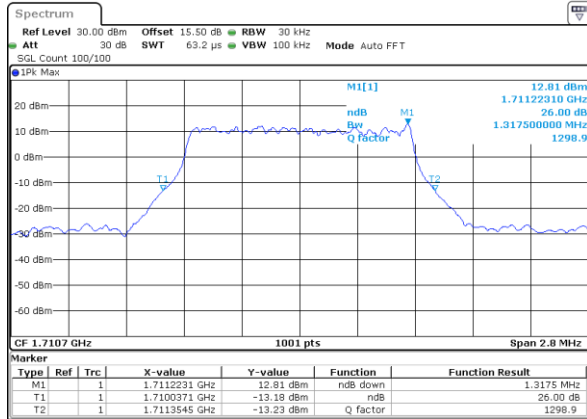


Date: 30.APR.2022 23:52:16



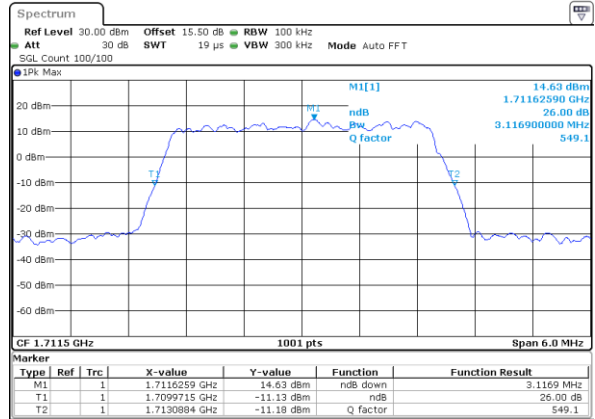
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



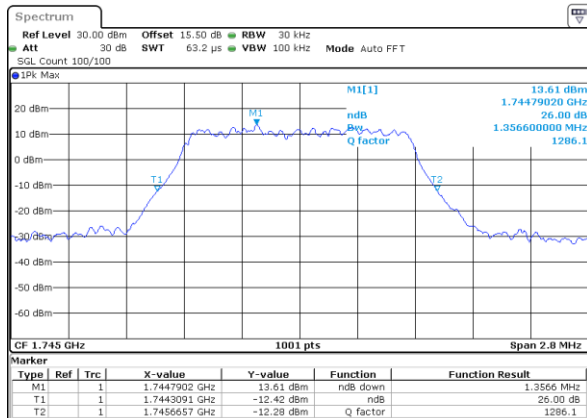
Date: 30.APR.2022 21:00:40

Lowest Channel / 3MHz / 64QAM



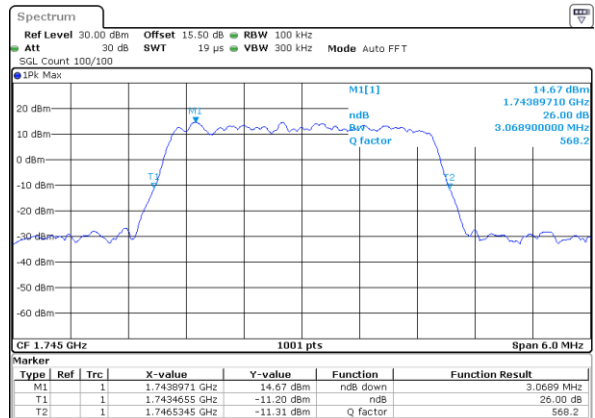
Date: 30.APR.2022 21:13:16

Middle Channel / 1.4MHz / 64QAM



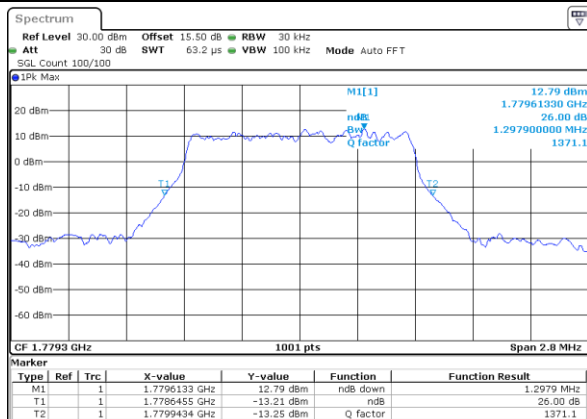
Date: 30.APR.2022 21:05:37

Middle Channel / 3MHz / 64QAM



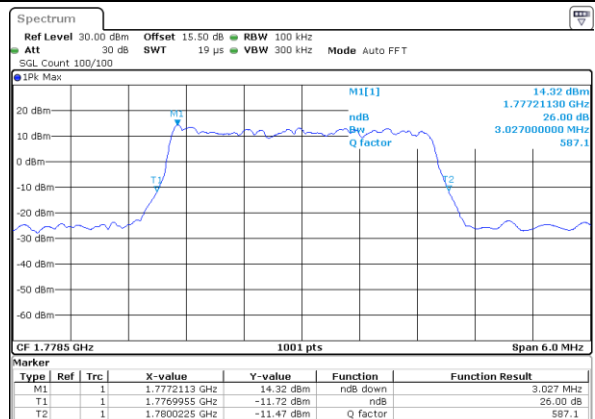
Date: 30.APR.2022 21:41:41

Highest Channel / 1.4MHz / 64QAM



Date: 30.APR.2022 21:07:27

Highest Channel / 3MHz / 64QAM

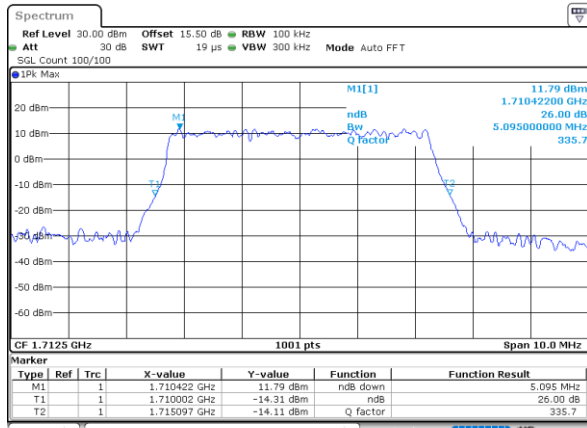


Date: 30.APR.2022 21:43:32

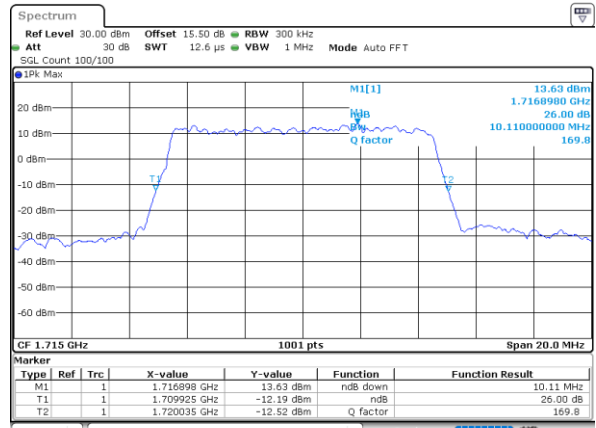


LTE Band 66

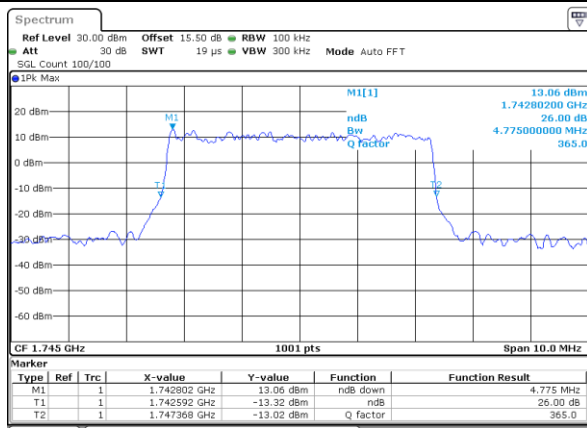
Lowest Channel / 5MHz / 64QAM



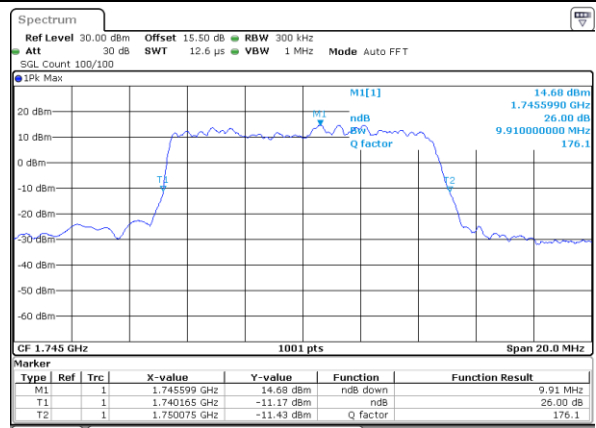
Lowest Channel / 10MHz / 64QAM



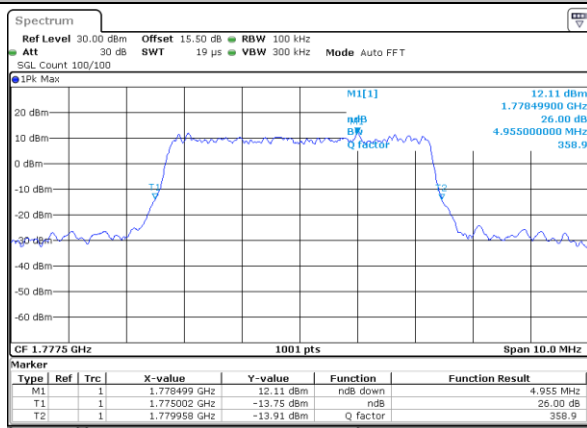
Middle Channel / 5MHz / 64QAM



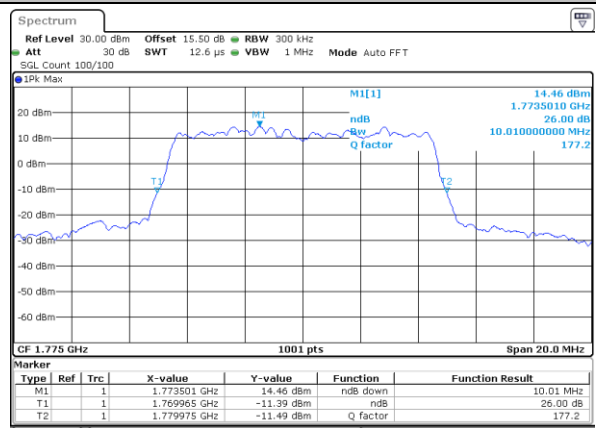
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



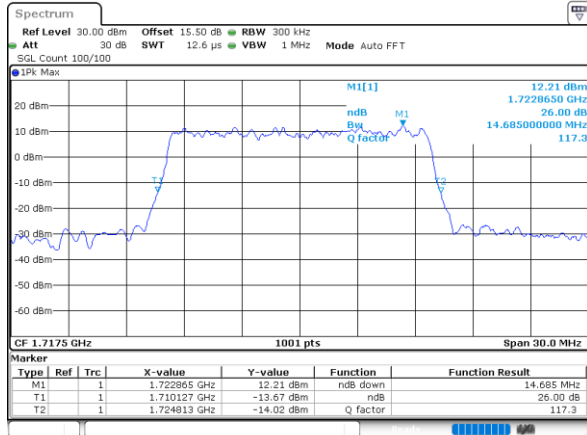
Highest Channel / 10MHz / 64QAM





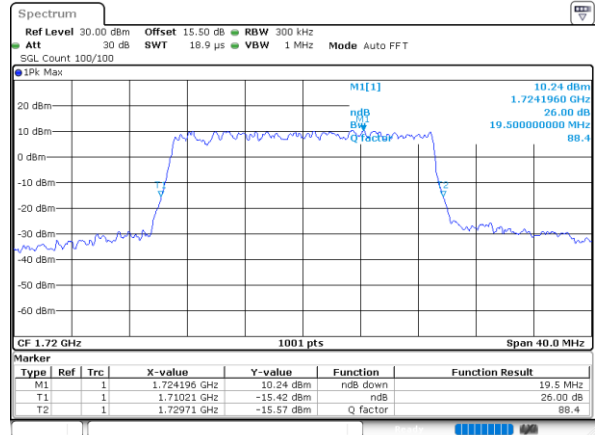
LTE Band 66

Lowest Channel / 15MHz / 64QAM



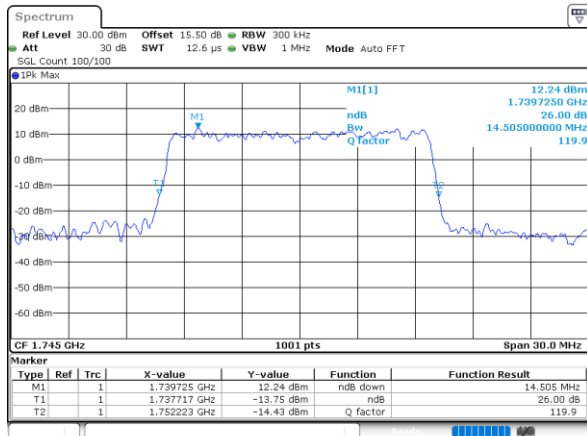
Date: 30.APR.2022 23:00:49

Lowest Channel / 20MHz / 64QAM



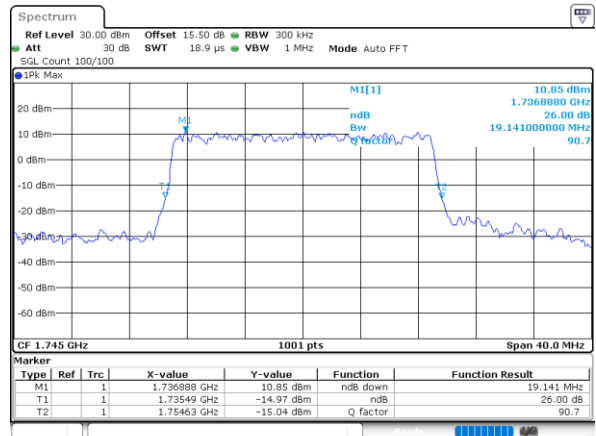
Date: 1.MAY.2022 00:01:29

Middle Channel / 15MHz / 64QAM



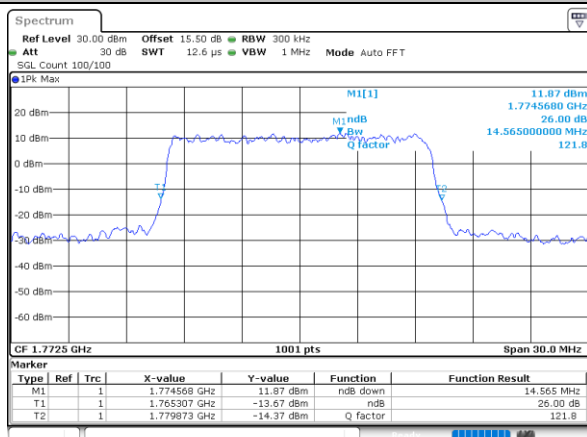
Date: 30.APR.2022 23:05:45

Middle Channel / 20MHz / 64QAM



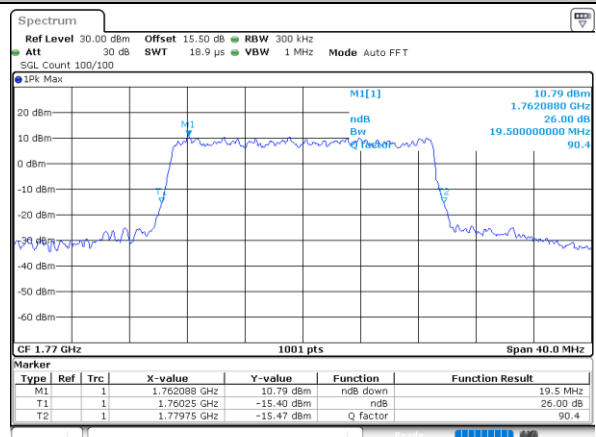
Date: 1.MAY.2022 00:06:26

Highest Channel / 15MHz / 64QAM



Date: 30.APR.2022 23:07:36

Highest Channel / 20MHz / 64QAM



Date: 1.MAY.2022 00:08:16

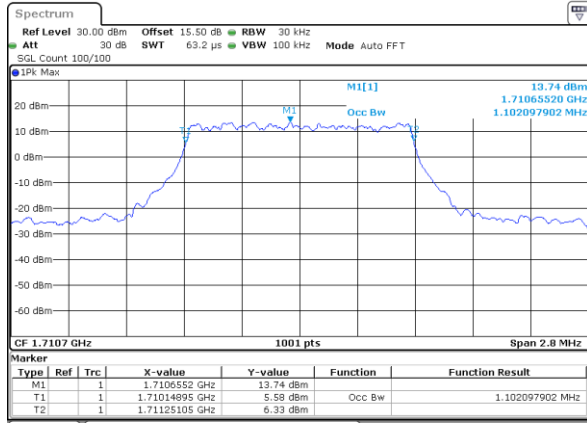
**Occupied Bandwidth**

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	4.53	4.51	9.05	9.05	13.46	13.58	17.94	17.90
Middle CH	1.10	1.09	2.72	2.72	4.52	4.49	9.07	9.11	13.49	13.40	17.98	17.90
Highest CH	1.09	1.10	2.72	2.73	4.51	4.51	9.05	8.99	13.52	13.40	18.06	17.94
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	-	2.72	-	4.47	-	9.05	-	13.46	-	17.86	-
Middle CH	1.10	-	2.72	-	4.50	-	9.09	-	13.49	-	17.90	-
Highest CH	1.09	-	2.73	-	4.50	-	8.95	-	13.46	-	18.02	-

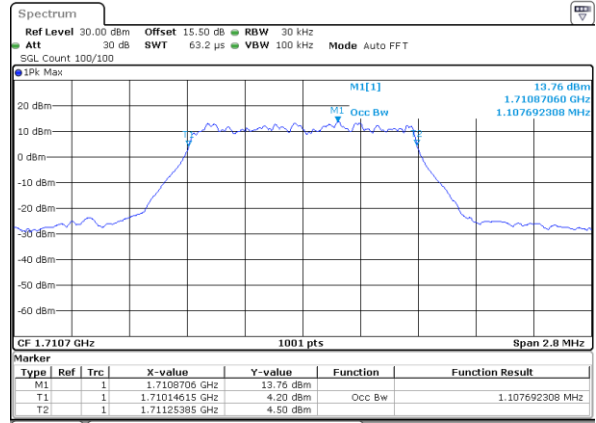


LTE Band 66

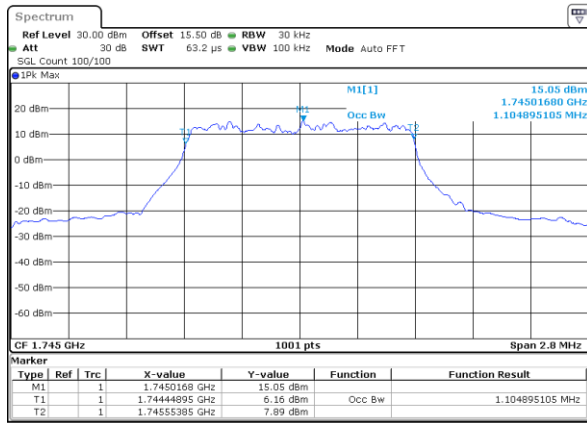
Lowest Channel / 1.4MHz / QPSK



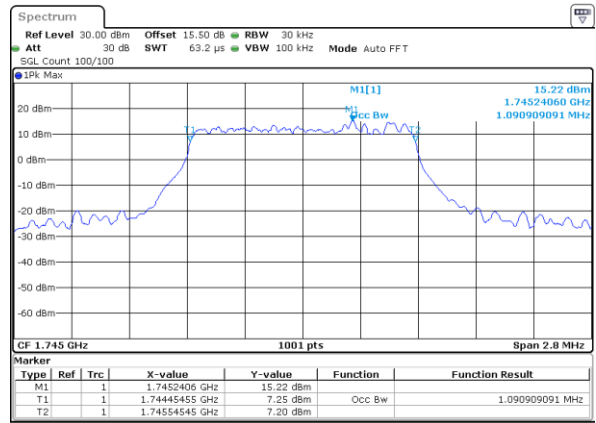
Lowest Channel / 1.4MHz / 16QAM



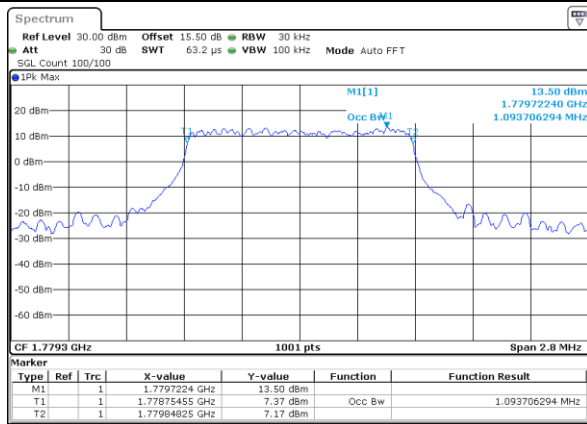
Middle Channel / 1.4MHz / QPSK



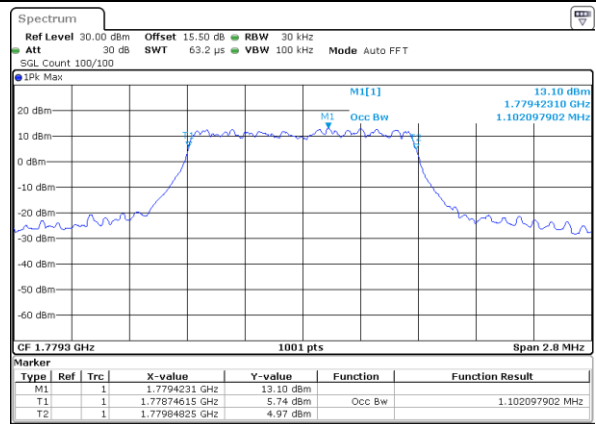
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



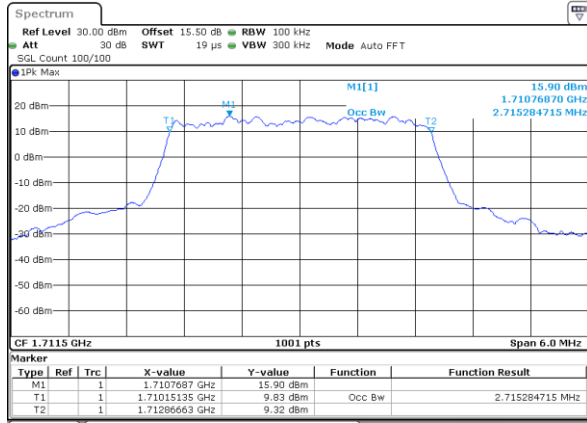
Highest Channel / 1.4MHz / 16QAM



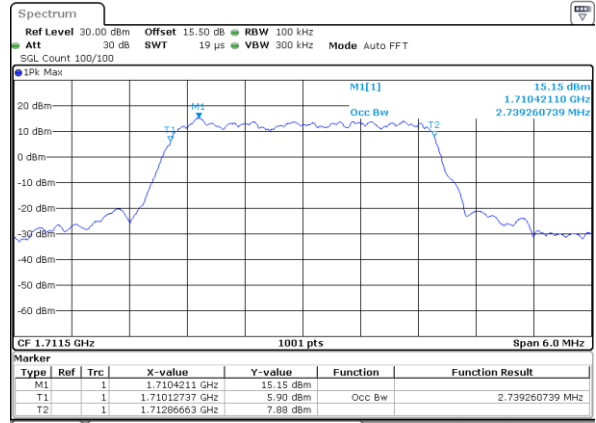


LTE Band 66

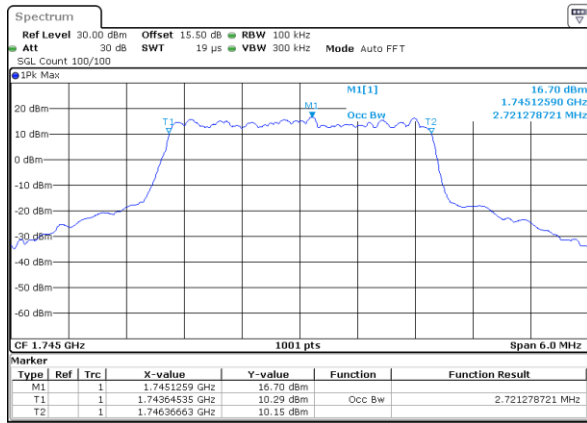
Lowest Channel / 3MHz / QPSK



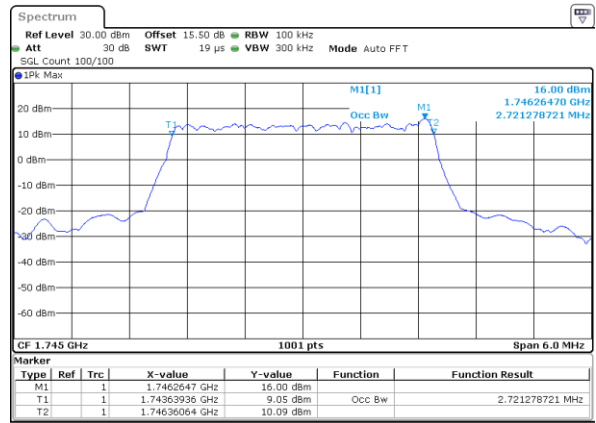
Lowest Channel / 3MHz / 16QAM



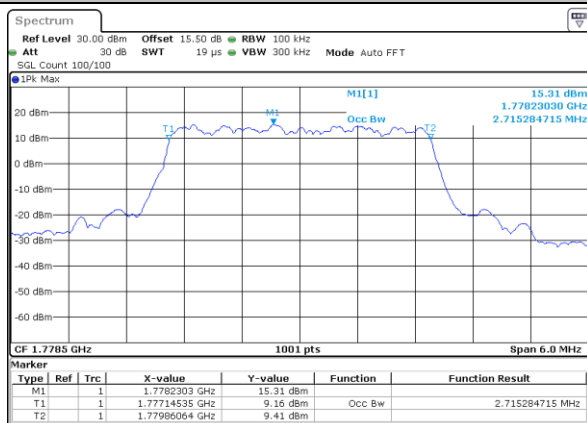
Middle Channel / 3MHz / QPSK



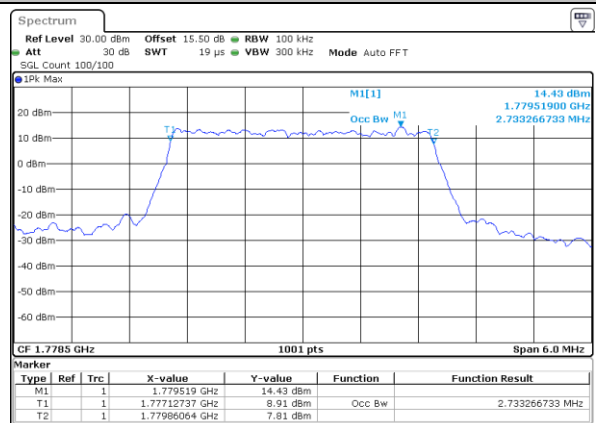
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



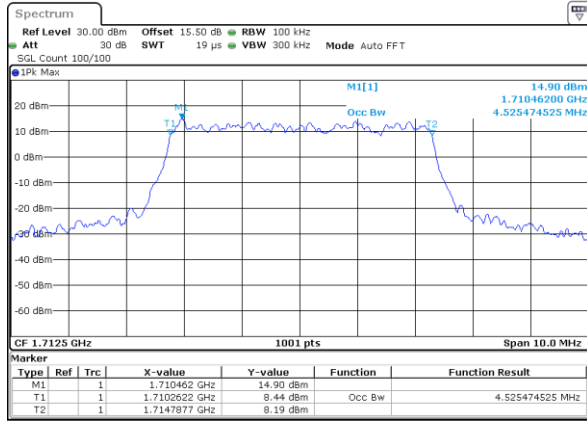
Highest Channel / 3MHz / 16QAM





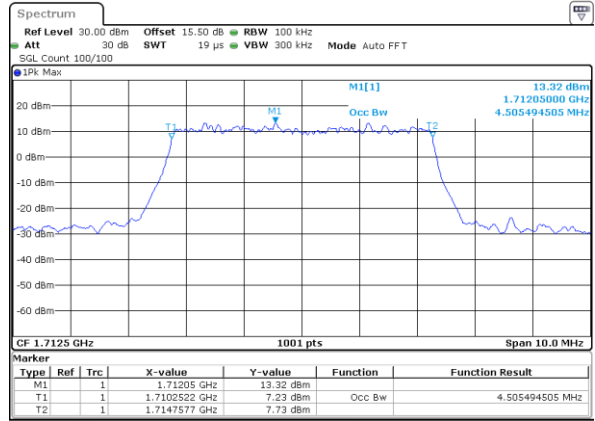
LTE Band 66

Lowest Channel / 5MHz / QPSK



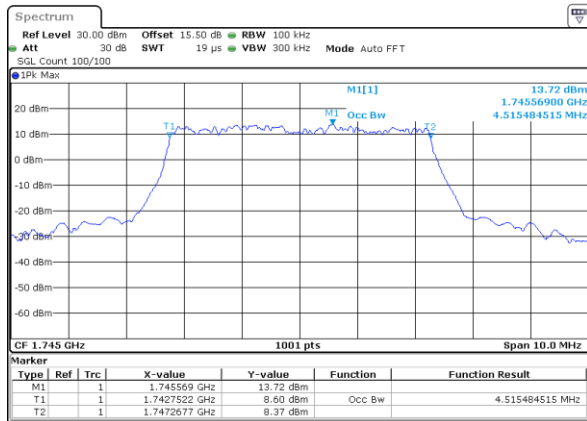
Date: 30.APR.2022 21:59:50

Lowest Channel / 5MHz / 16QAM



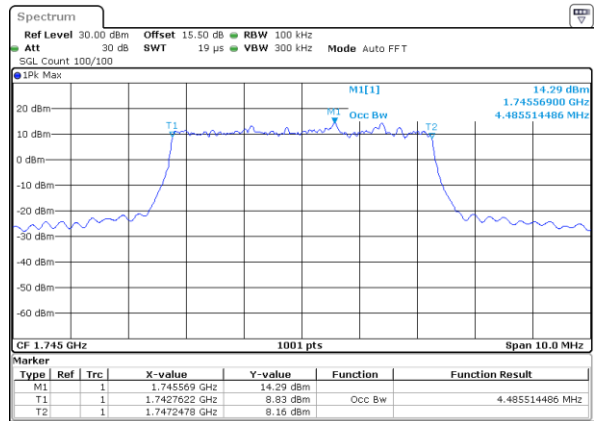
Date: 30.APR.2022 22:00:22

Middle Channel / 5MHz / QPSK



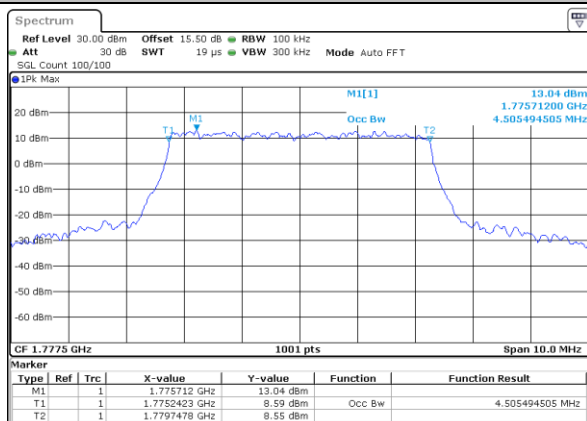
Date: 30.APR.2022 22:10:10

Middle Channel / 5MHz / 16QAM



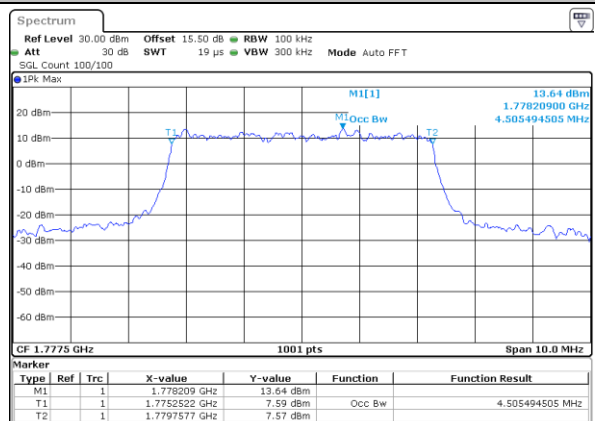
Date: 30.APR.2022 22:10:34

Highest Channel / 5MHz / QPSK



Date: 30.APR.2022 22:14:13

Highest Channel / 5MHz / 16QAM

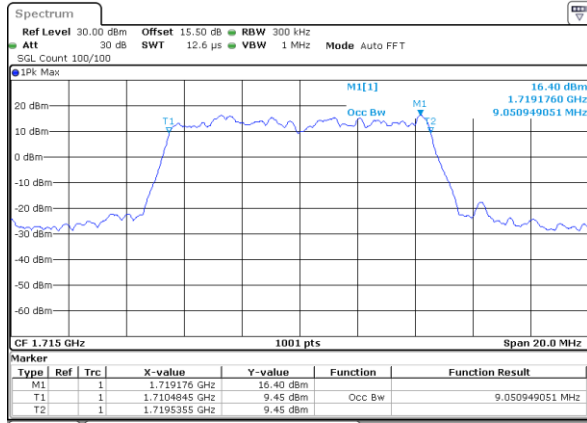


Date: 30.APR.2022 22:14:37



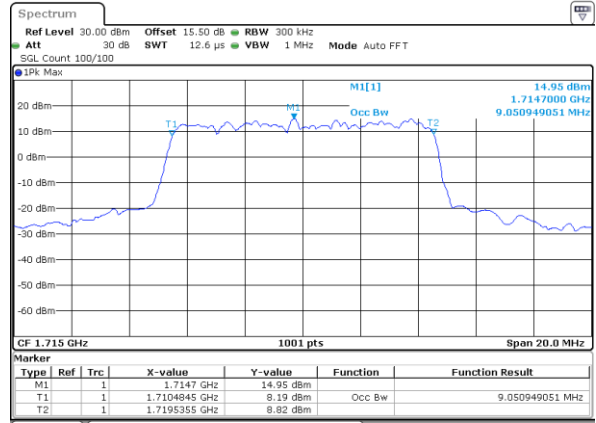
LTE Band 66

Lowest Channel / 10MHz / QPSK



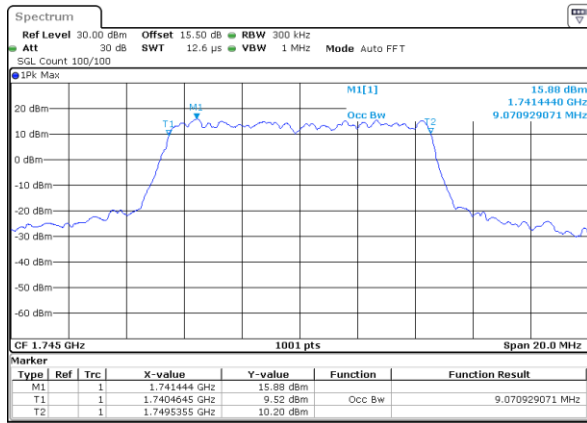
Date: 30.APR.2022 22:24:27

Lowest Channel / 10MHz / 16QAM



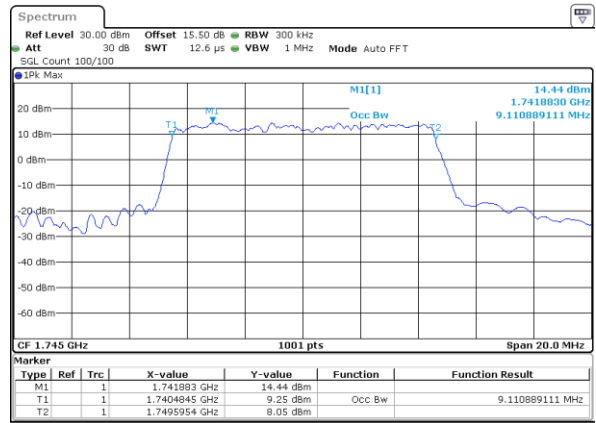
Date: 30.APR.2022 22:24:51

Middle Channel / 10MHz / QPSK



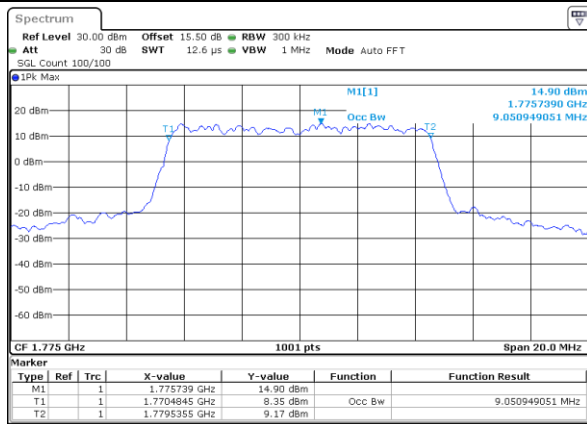
Date: 30.APR.2022 22:34:37

Middle Channel / 10MHz / 16QAM



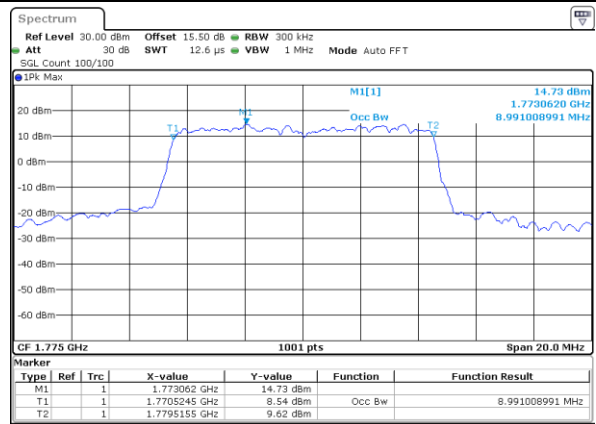
Date: 30.APR.2022 22:35:01

Highest Channel / 10MHz / QPSK



Date: 30.APR.2022 22:38:40

Highest Channel / 10MHz / 16QAM

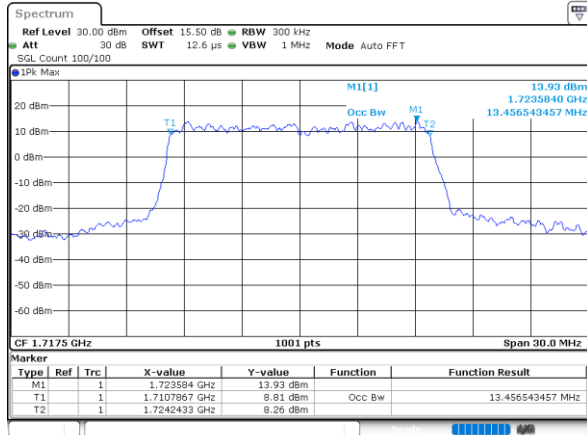


Date: 30.APR.2022 22:39:04

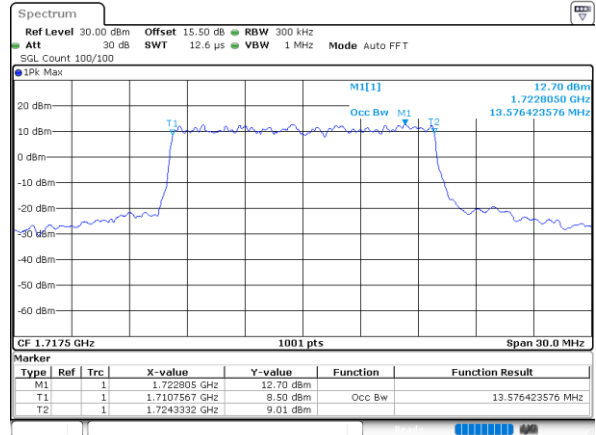


LTE Band 66

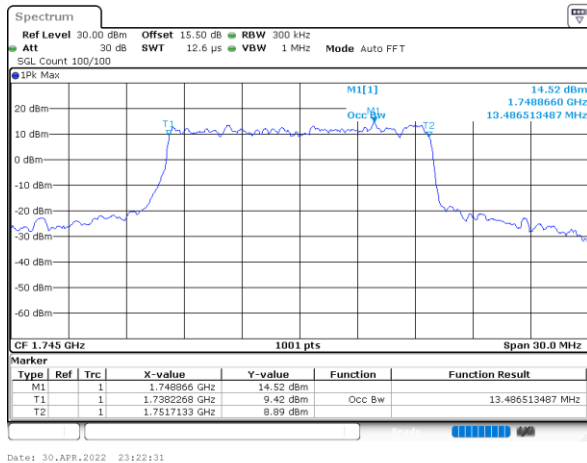
Lowest Channel / 15MHz / QPSK



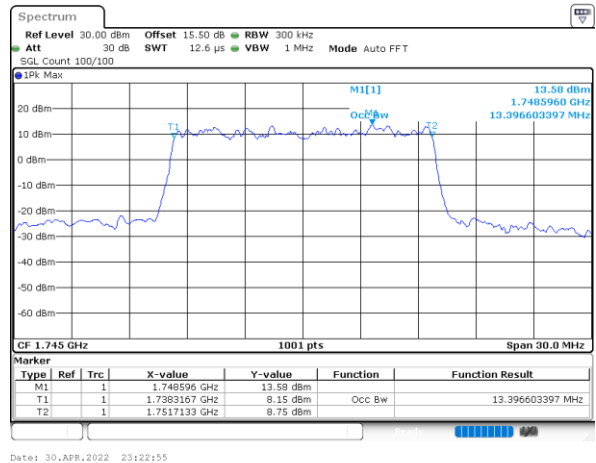
Lowest Channel / 15MHz / 16QAM



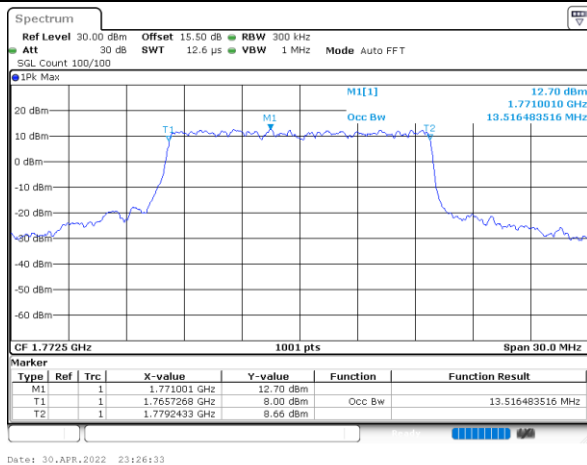
Middle Channel / 15MHz / QPSK



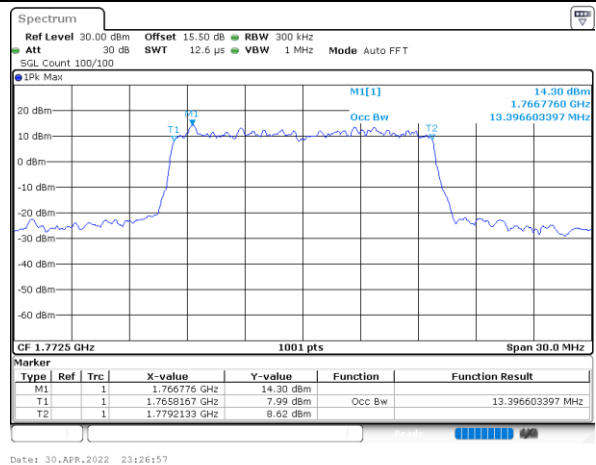
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



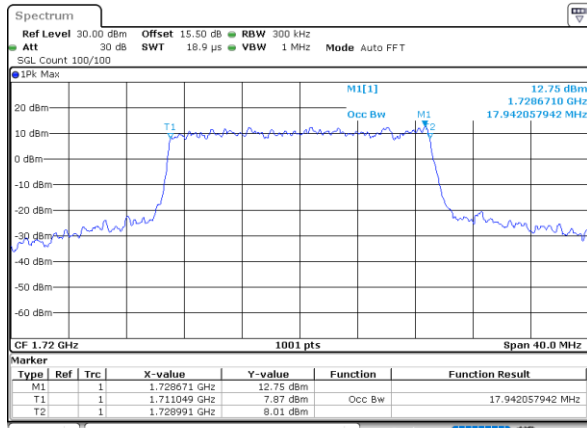
Highest Channel / 15MHz / 16QAM





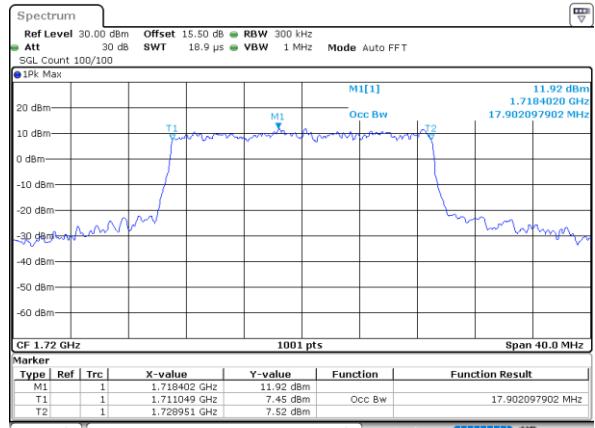
LTE Band 66

Lowest Channel / 20MHz / QPSK



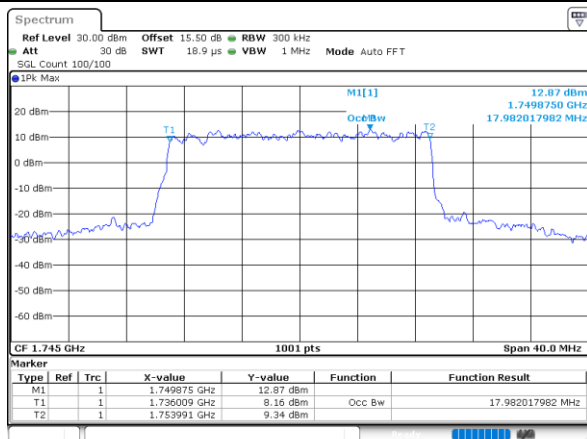
Date: 30.APR.2022 23:36:51

Lowest Channel / 20MHz / 16QAM



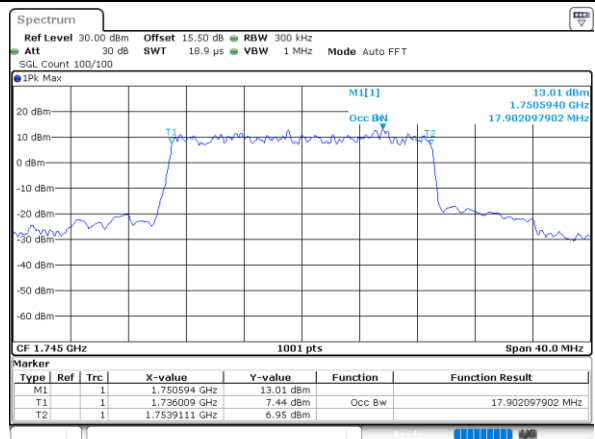
Date: 30.APR.2022 23:37:15

Middle Channel / 20MHz / QPSK



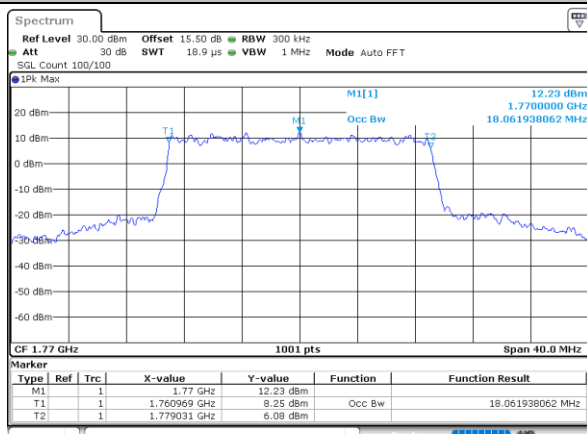
Date: 30.APR.2022 23:47:02

Middle Channel / 20MHz / 16QAM



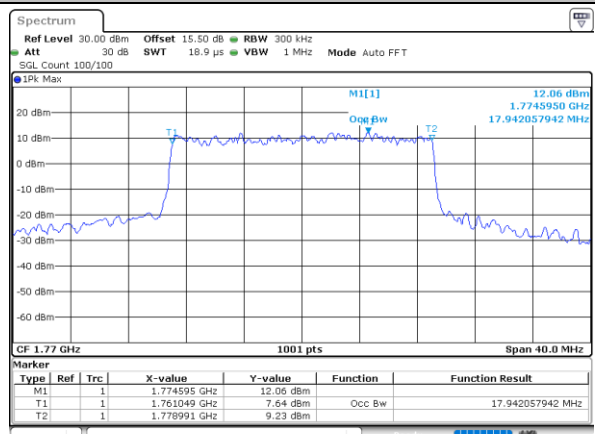
Date: 30.APR.2022 23:47:26

Highest Channel / 20MHz / QPSK



Date: 30.APR.2022 23:51:04

Highest Channel / 20MHz / 16QAM

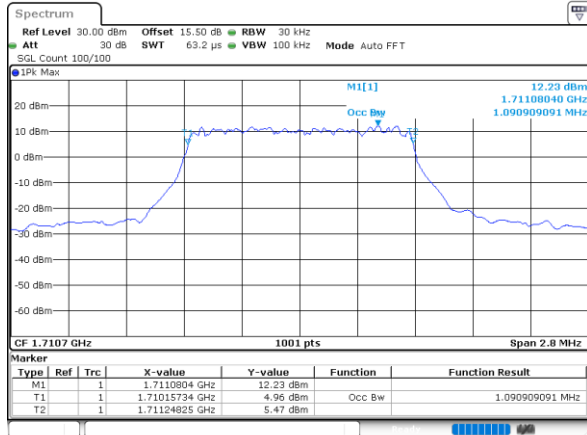


Date: 30.APR.2022 23:51:28



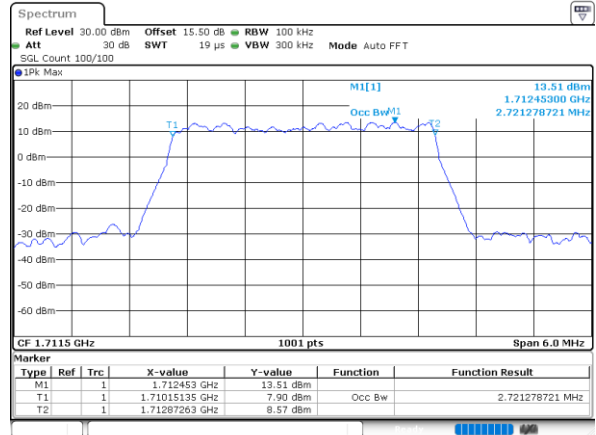
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



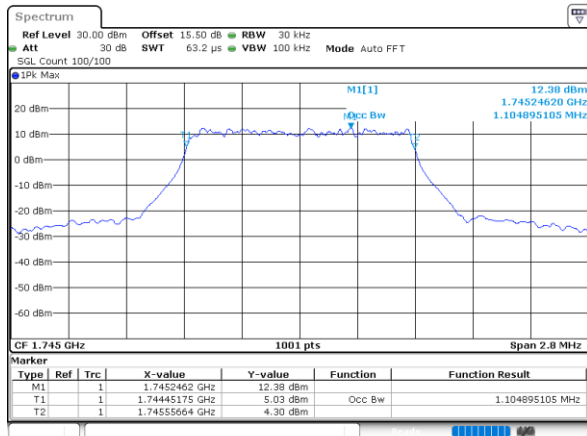
Date: 30.APR.2022 21:00:26

Lowest Channel / 3MHz / 64QAM



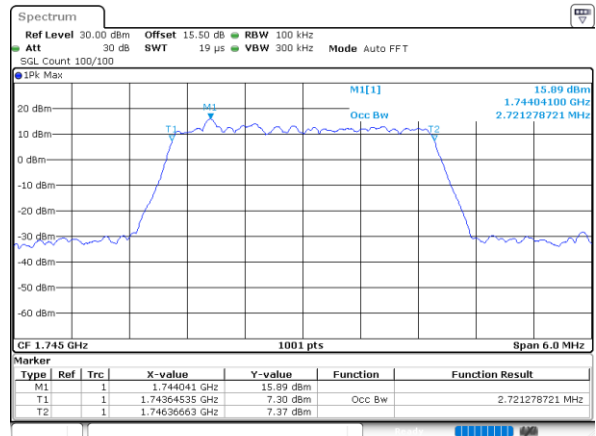
Date: 30.APR.2022 21:16:11

Middle Channel / 1.4MHz / 64QAM



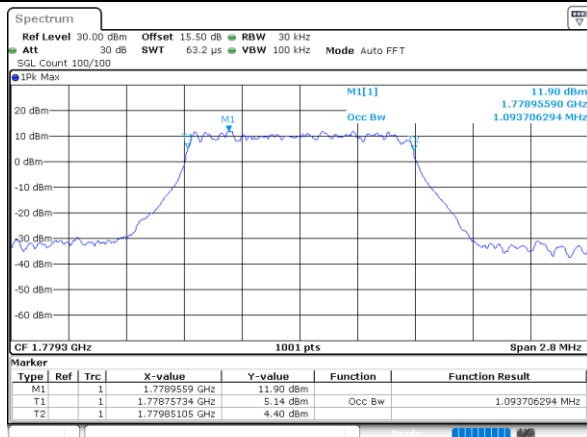
Date: 30.APR.2022 21:05:22

Middle Channel / 3MHz / 64QAM



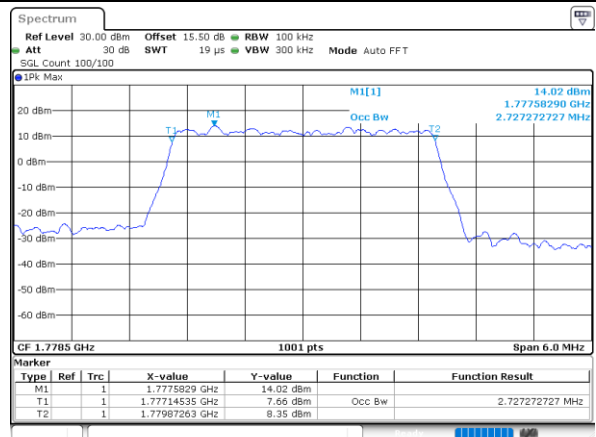
Date: 30.APR.2022 21:41:27

Highest Channel / 1.4MHz / 64QAM



Date: 30.APR.2022 21:07:13

Highest Channel / 3MHz / 64QAM

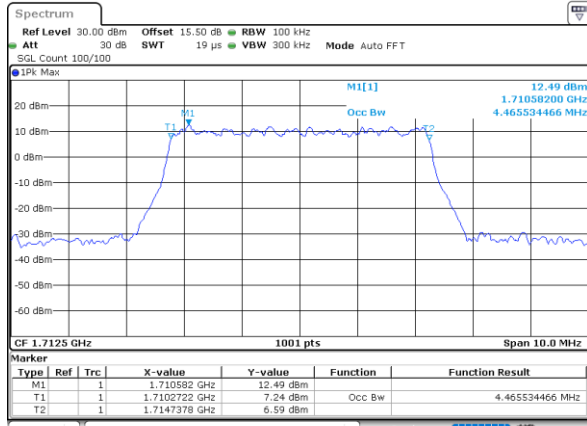


Date: 30.APR.2022 21:43:17

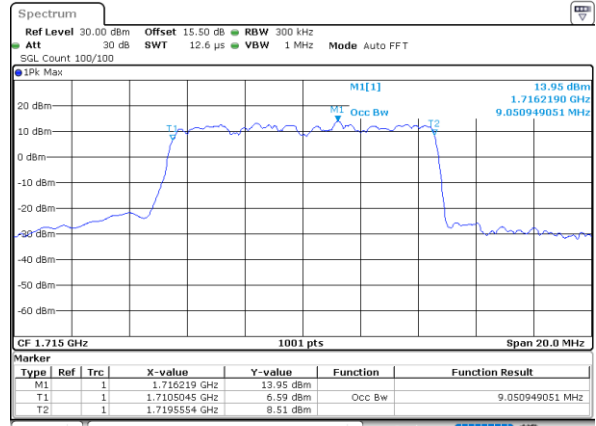


LTE Band 66

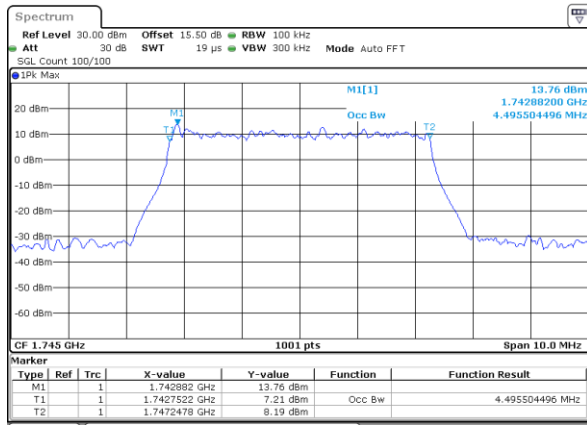
Lowest Channel / 5MHz / 64QAM



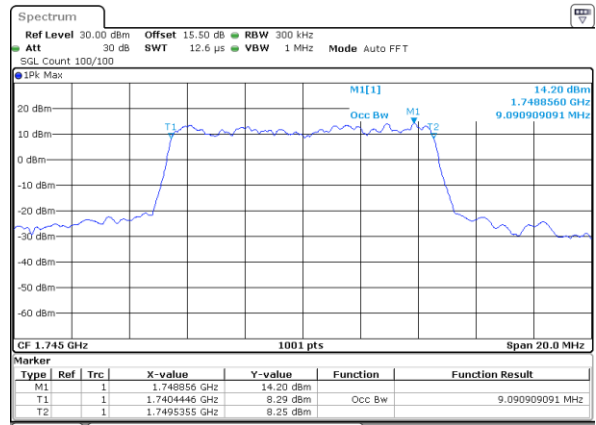
Lowest Channel / 10MHz / 64QAM



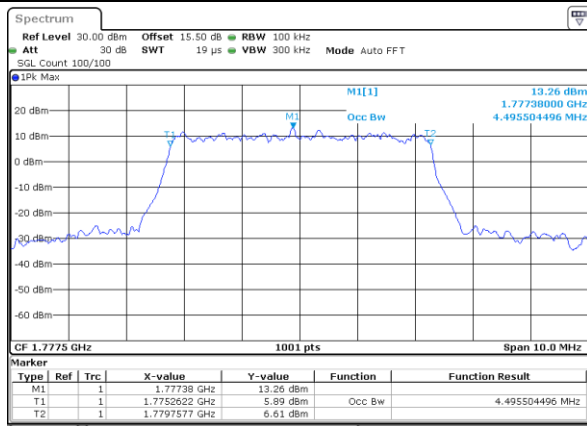
Middle Channel / 5MHz / 64QAM



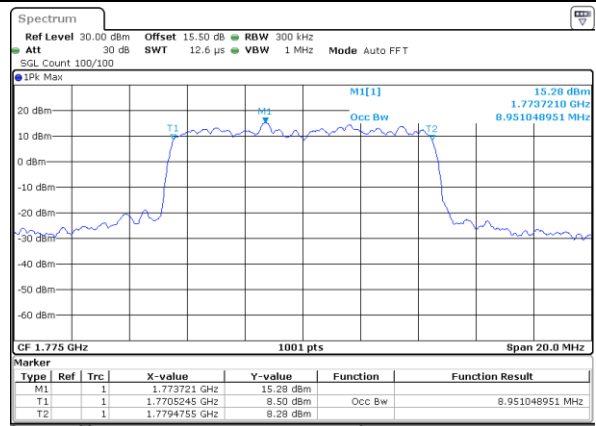
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



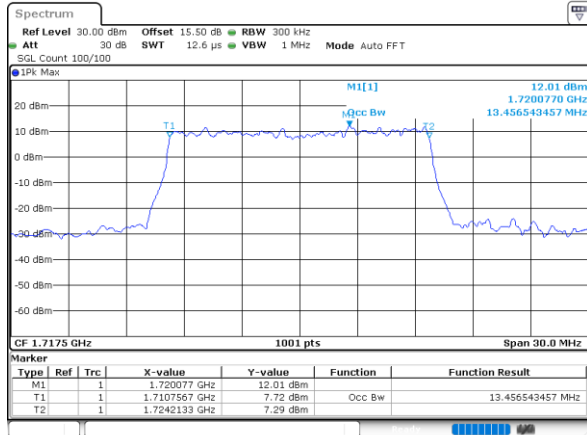
Highest Channel / 10MHz / 64QAM





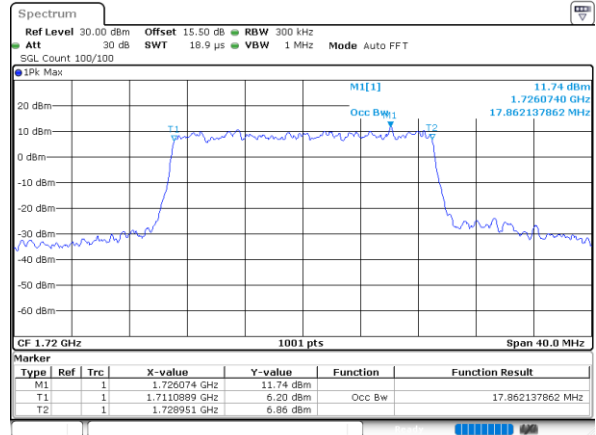
LTE Band 66

Lowest Channel / 15MHz / 64QAM



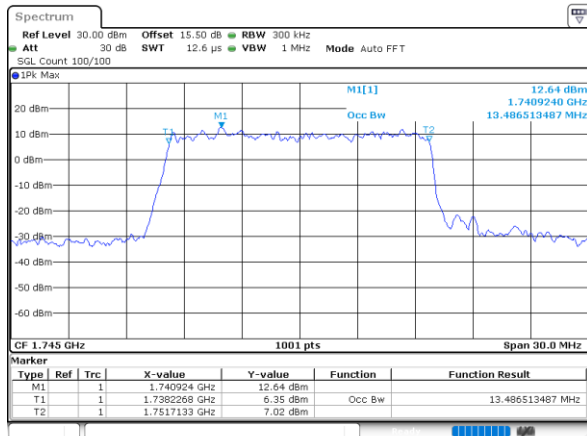
Date: 30.APR.2022 23:00:34

Lowest Channel / 20MHz / 64QAM



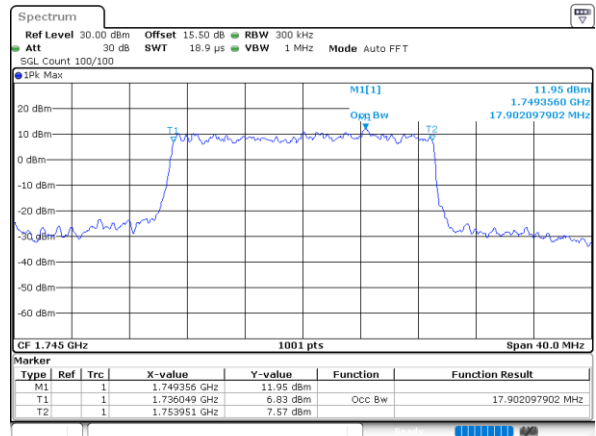
Date: 1.MAY.2022 00:01:15

Middle Channel / 15MHz / 64QAM



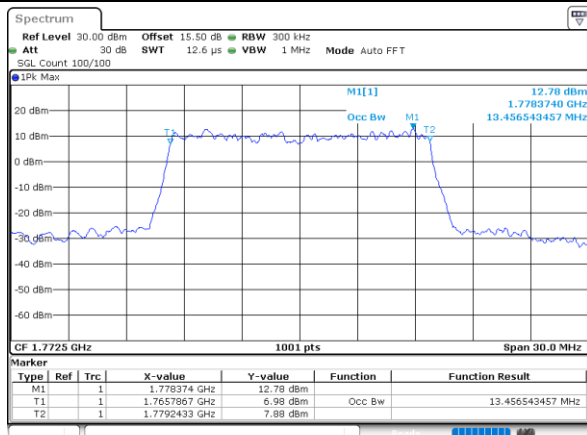
Date: 30.APR.2022 23:05:31

Middle Channel / 20MHz / 64QAM



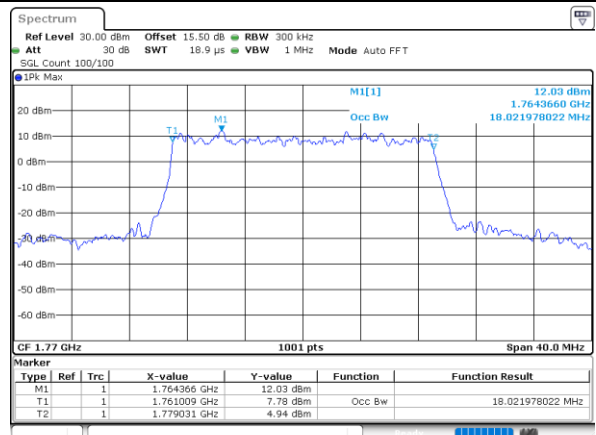
Date: 1.MAY.2022 00:06:11

Highest Channel / 15MHz / 64QAM



Date: 30.APR.2022 23:07:22

Highest Channel / 20MHz / 64QAM



Date: 1.MAY.2022 00:08:02