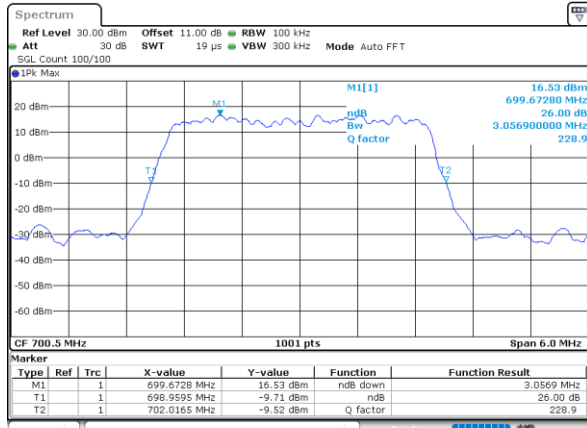




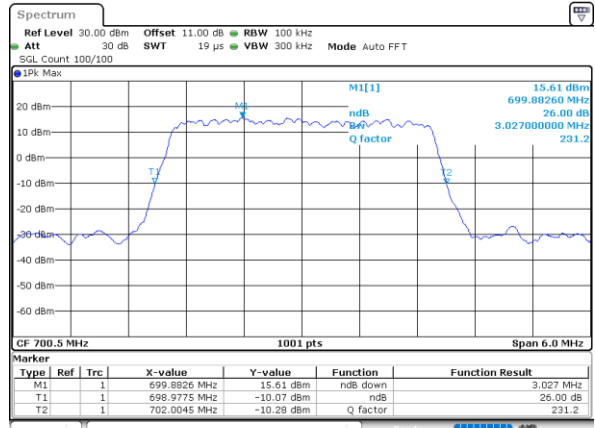
LTE Band 12

Lowest Channel / 3MHz / QPSK



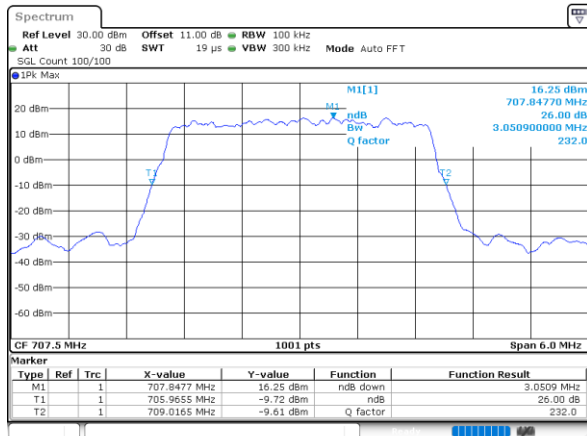
Date: 17.AUG.2020 19:39:04

Lowest Channel / 3MHz / 16QAM



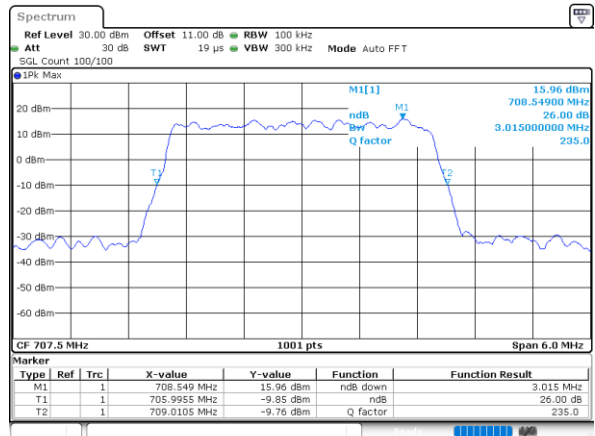
Date: 17.AUG.2020 19:38:52

Middle Channel / 3MHz / QPSK



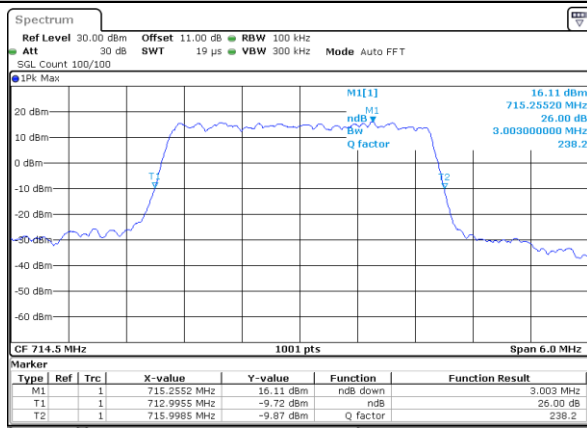
Date: 17.AUG.2020 19:41:08

Middle Channel / 3MHz / 16QAM



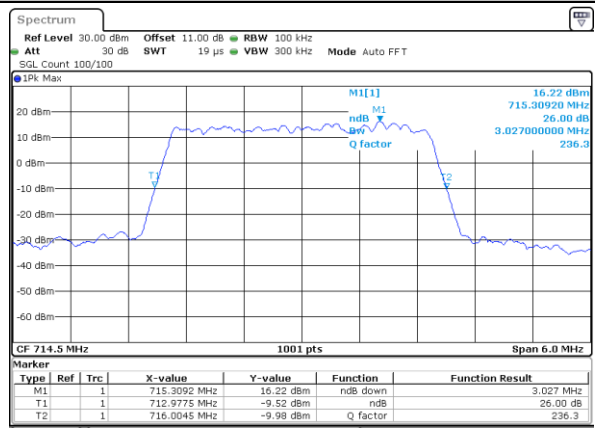
Date: 17.AUG.2020 19:41:19

Highest Channel / 3MHz / QPSK



Date: 17.AUG.2020 19:43:35

Highest Channel / 3MHz / 16QAM

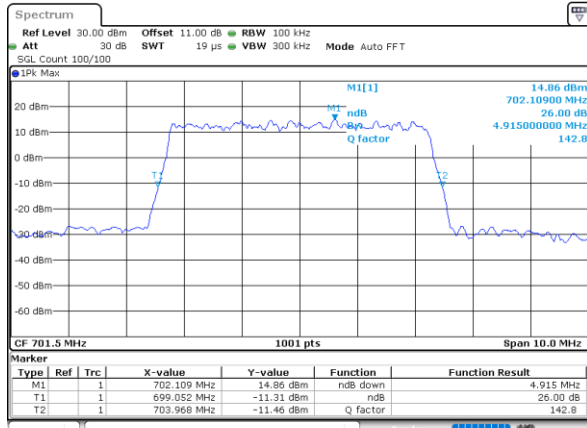


Date: 17.AUG.2020 19:43:23



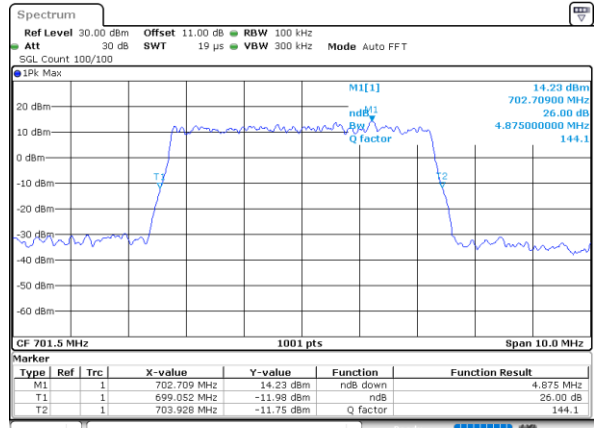
LTE Band 12

Lowest Channel / 5MHz / QPSK



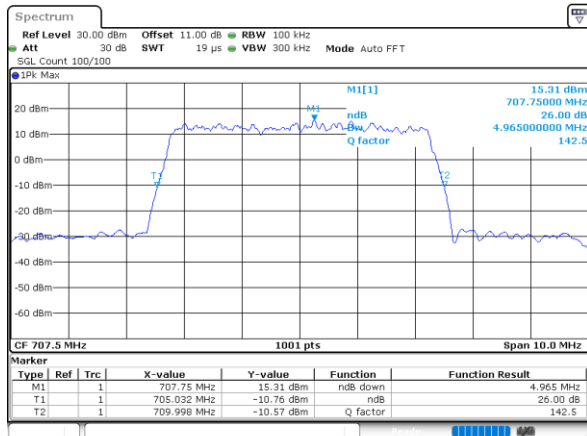
Date: 17.AUG.2020 19:54:59

Lowest Channel / 5MHz / 16QAM



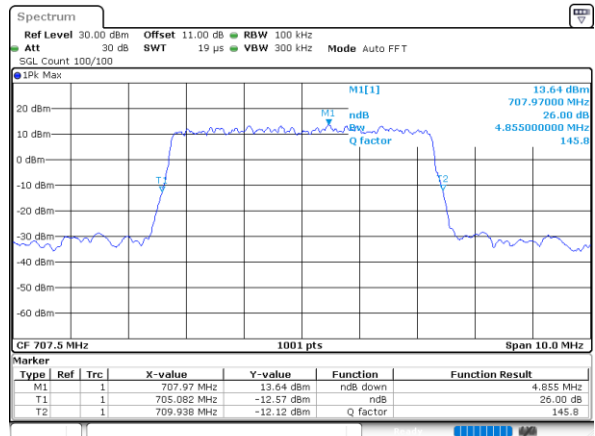
Date: 17.AUG.2020 19:54:48

Middle Channel / 5MHz / QPSK



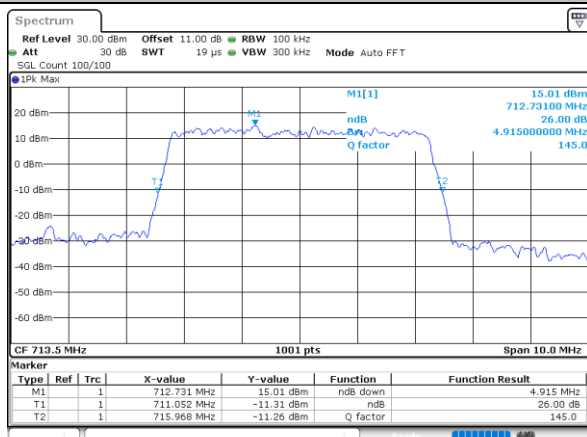
Date: 17.AUG.2020 19:59:23

Middle Channel / 5MHz / 16QAM



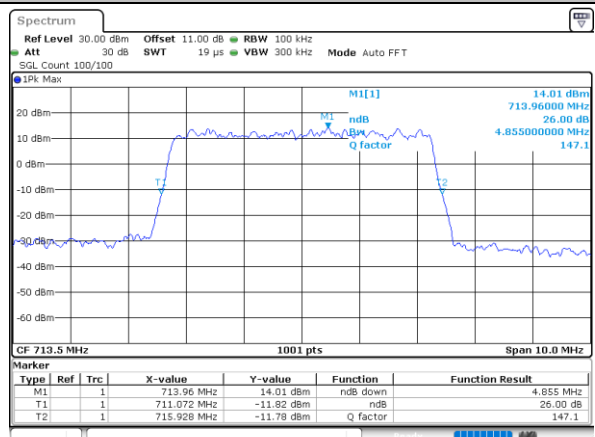
Date: 17.AUG.2020 19:59:34

Highest Channel / 5MHz / QPSK



Date: 17.AUG.2020 20:01:50

Highest Channel / 5MHz / 16QAM

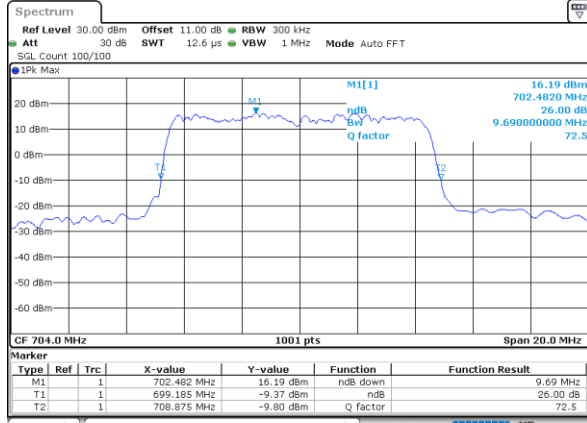


Date: 17.AUG.2020 20:01:38



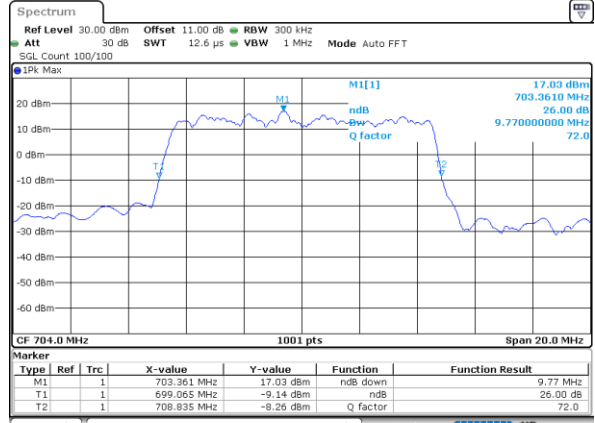
LTE Band 12

Lowest Channel / 10MHz / QPSK



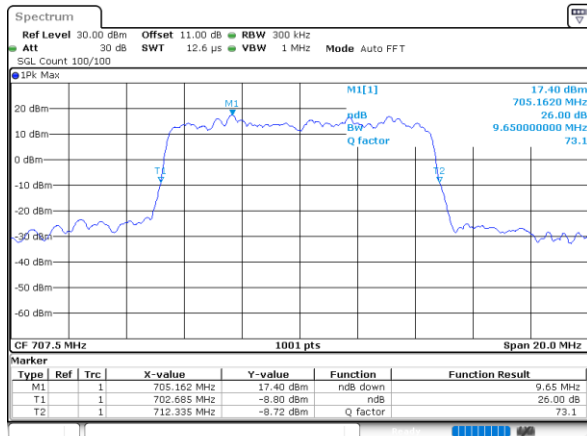
Date: 17.AUG.2020 20:06:27

Lowest Channel / 10MHz / 16QAM



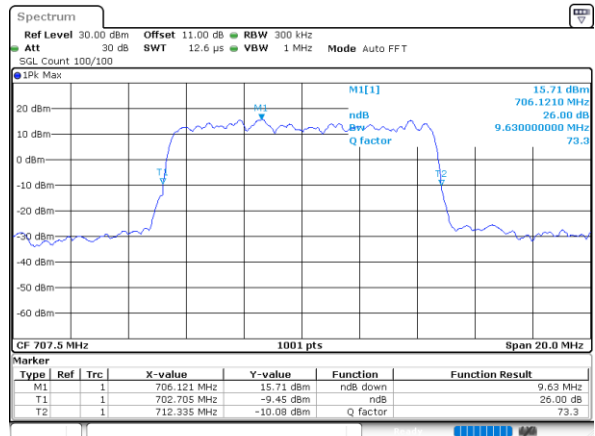
Date: 17.AUG.2020 20:06:15

Middle Channel / 10MHz / QPSK



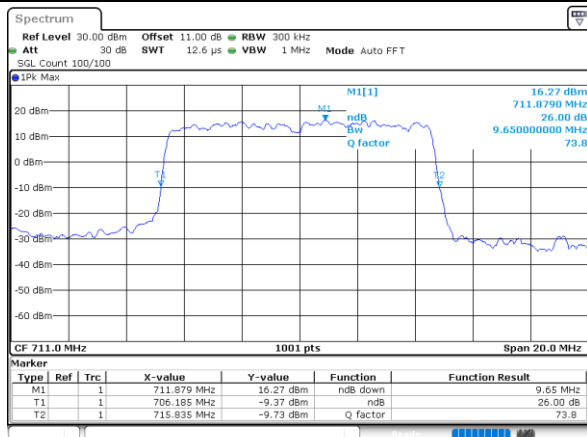
Date: 17.AUG.2020 20:10:50

Middle Channel / 10MHz / 16QAM



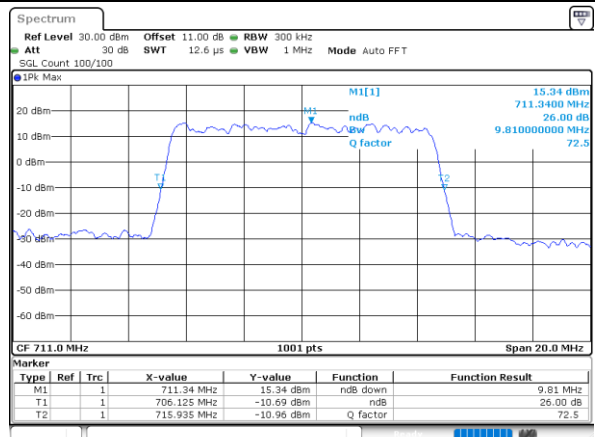
Date: 17.AUG.2020 20:11:01

Highest Channel / 10MHz / QPSK



Date: 17.AUG.2020 20:13:17

Highest Channel / 10MHz / 16QAM

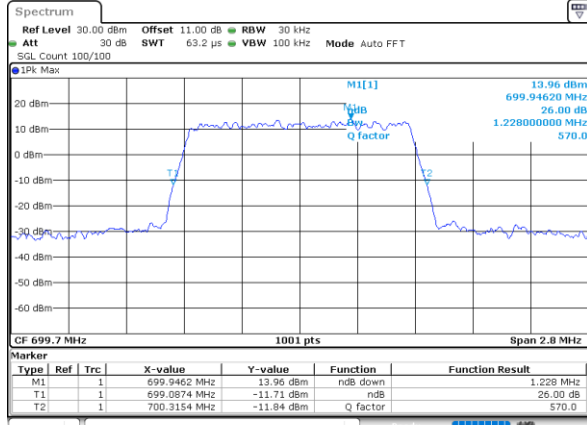


Date: 17.AUG.2020 20:13:05

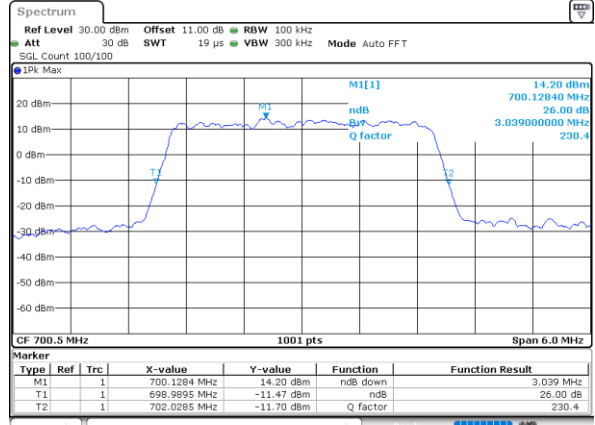


LTE Band 12

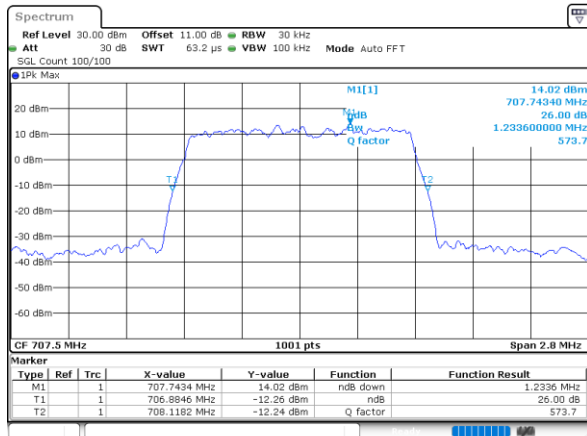
Lowest Channel / 1.4MHz / 64QAM



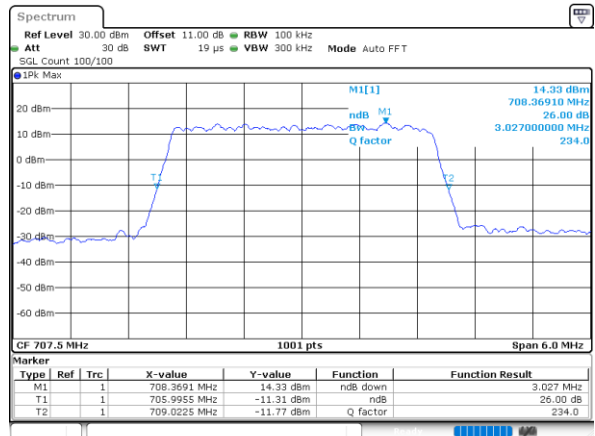
Lowest Channel / 3MHz / 64QAM



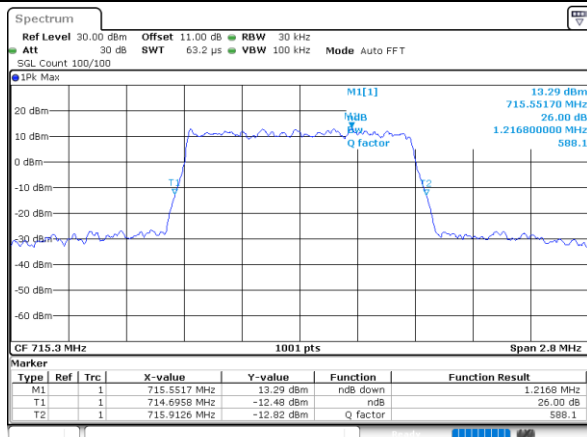
Middle Channel / 1.4MHz / 64QAM



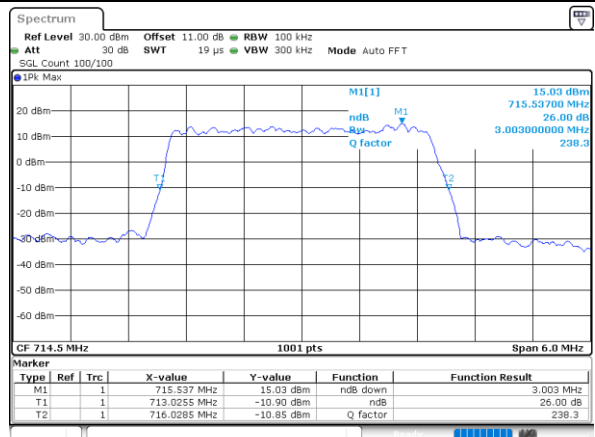
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



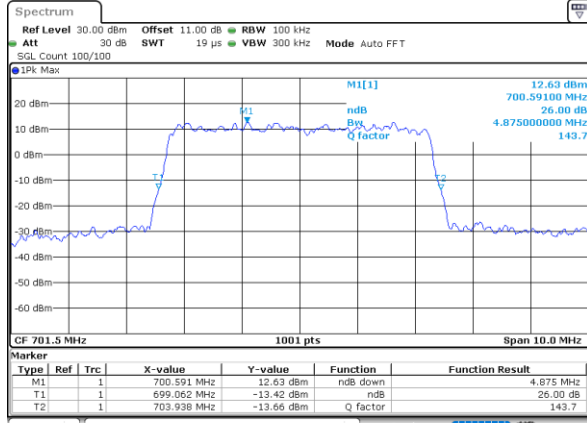
Highest Channel / 3MHz / 64QAM





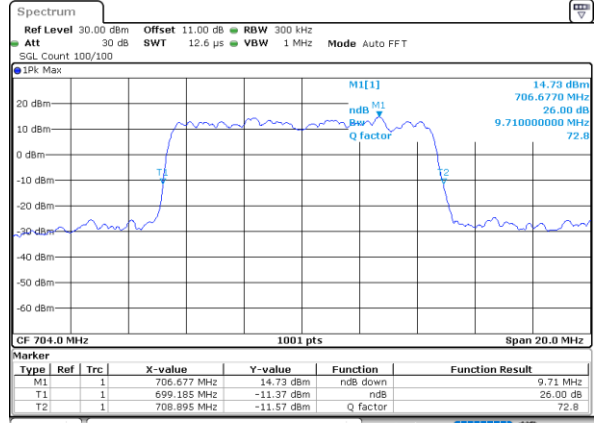
LTE Band 12

Lowest Channel / 5MHz / 64QAM



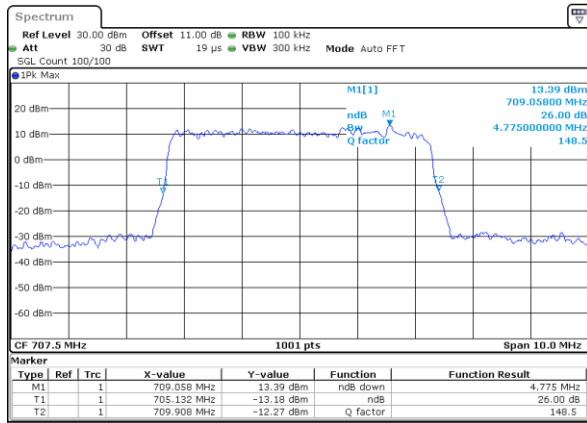
Date: 17.AUG.2020 19:48:53

Lowest Channel / 10MHz / 64QAM



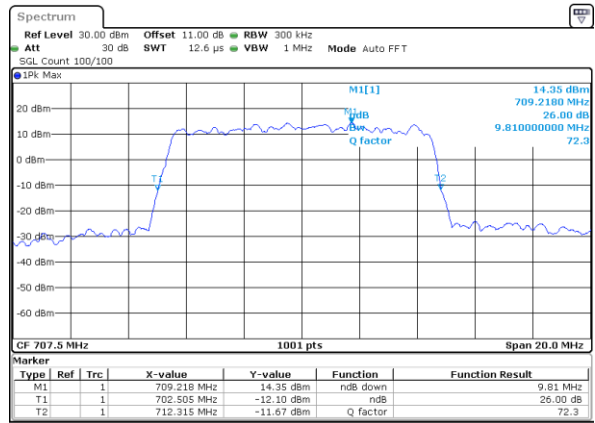
Date: 17.AUG.2020 20:17:30

Middle Channel / 5MHz / 64QAM



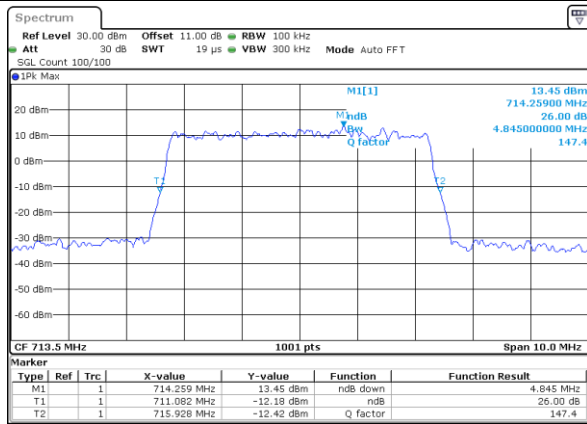
Date: 17.AUG.2020 19:51:10

Middle Channel / 10MHz / 64QAM



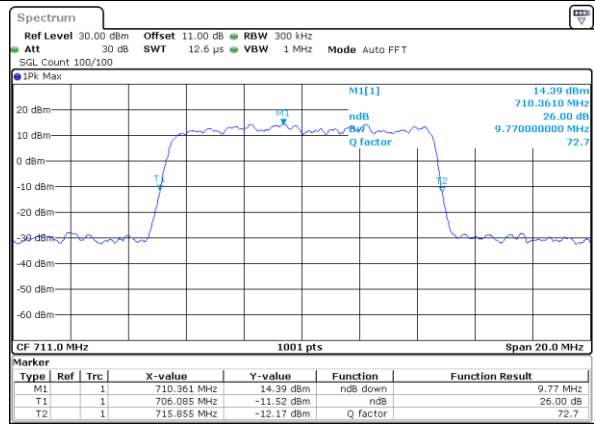
Date: 17.AUG.2020 20:19:47

Highest Channel / 5MHz / 64QAM



Date: 17.AUG.2020 19:52:18

Highest Channel / 10MHz / 64QAM

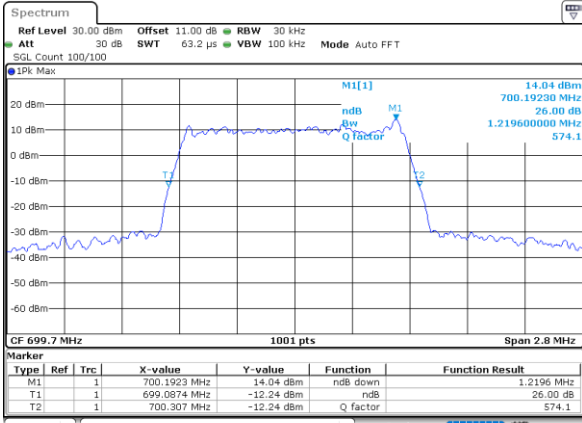


Date: 17.AUG.2020 20:20:55



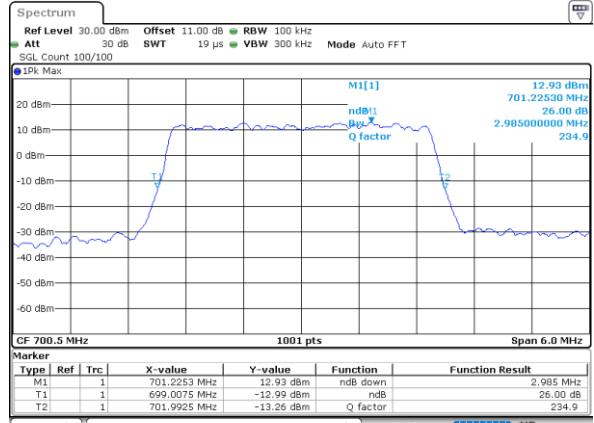
LTE Band 12

Lowest Channel / 1.4MHz / 256QAM



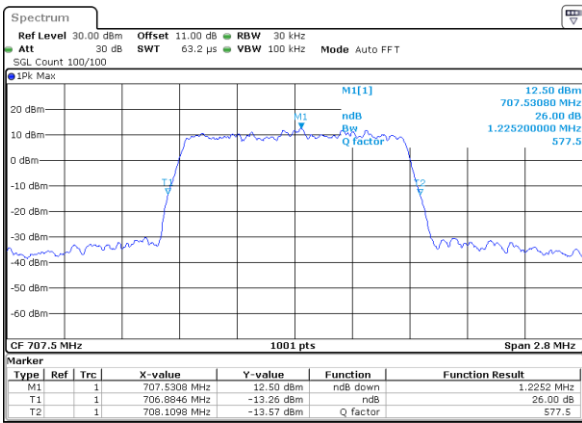
Date: 19_AUG,2020 09:56:13

Lowest Channel / 3MHz / 256QAM



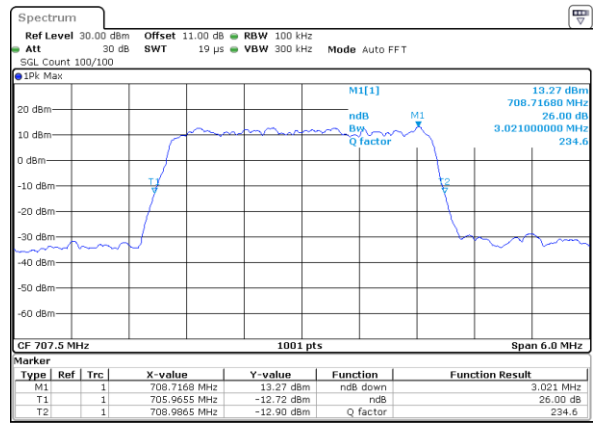
Date: 19_AUG,2020 10:40:30

Middle Channel / 1.4MHz / 256QAM



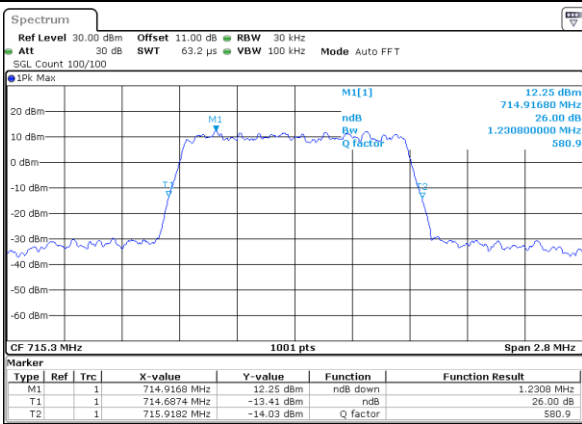
Date: 19_AUG,2020 09:54:21

Middle Channel / 3MHz / 256QAM



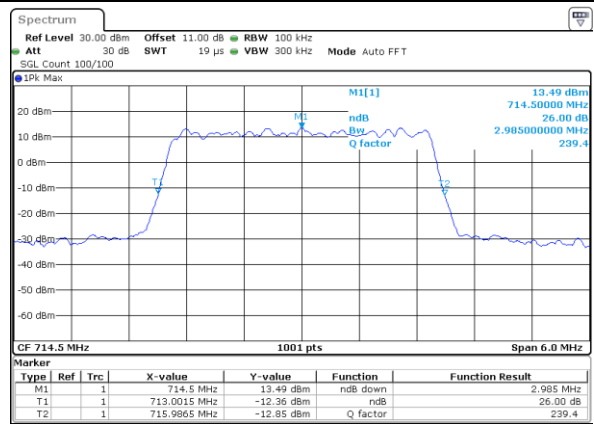
Date: 19_AUG,2020 10:36:16

Highest Channel / 1.4MHz / 256QAM



Date: 19_AUG,2020 09:58:50

Highest Channel / 3MHz / 256QAM

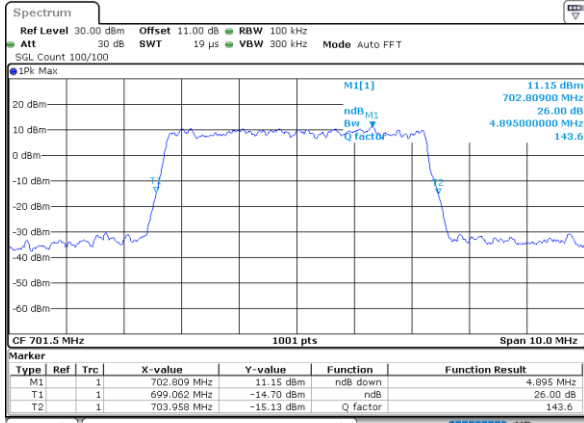


Date: 19_AUG,2020 10:44:15



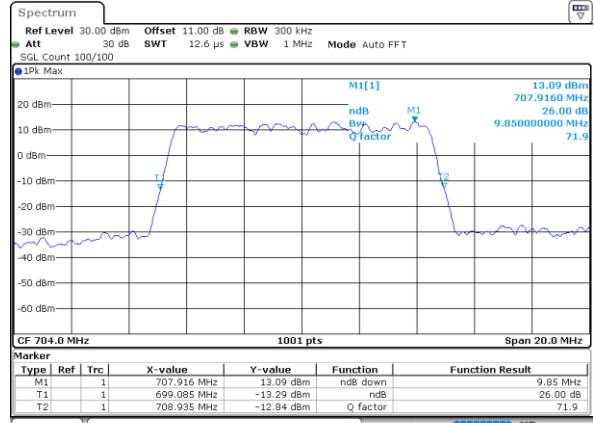
LTE Band 12

Lowest Channel / 5MHz / 256QAM



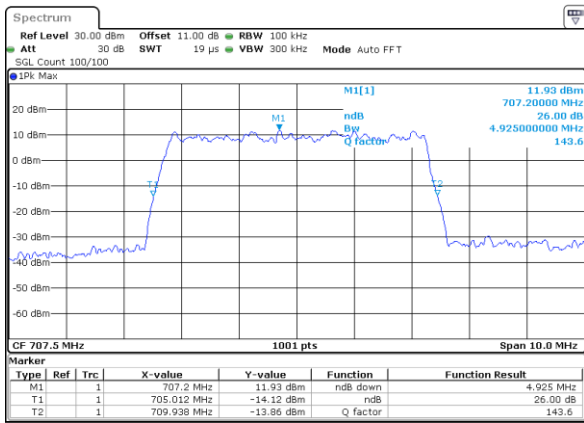
Date: 19_AUG.2020 10:48:14

Lowest Channel / 10MHz / 256QAM



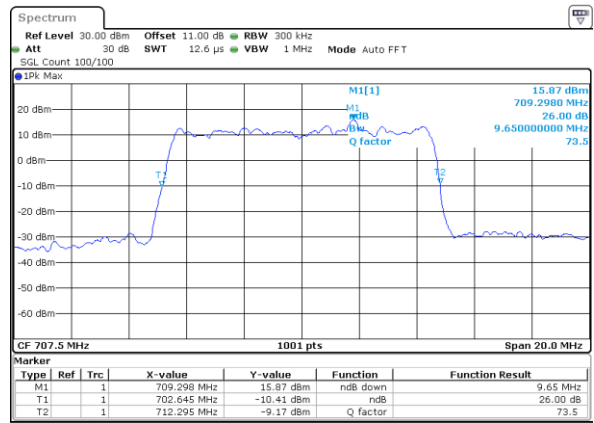
Date: 19_AUG.2020 10:54:39

Middle Channel / 5MHz / 256QAM



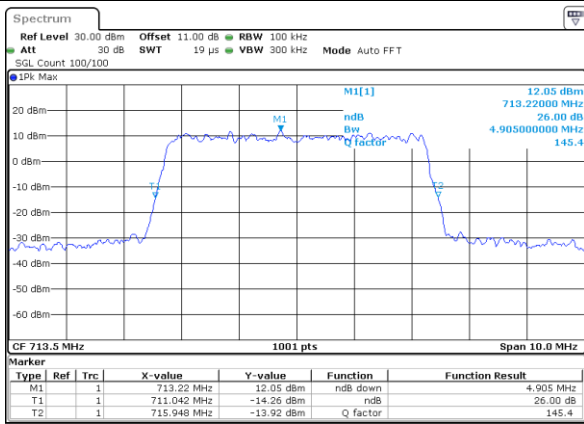
Date: 19_AUG.2020 10:46:55

Middle Channel / 10MHz / 256QAM



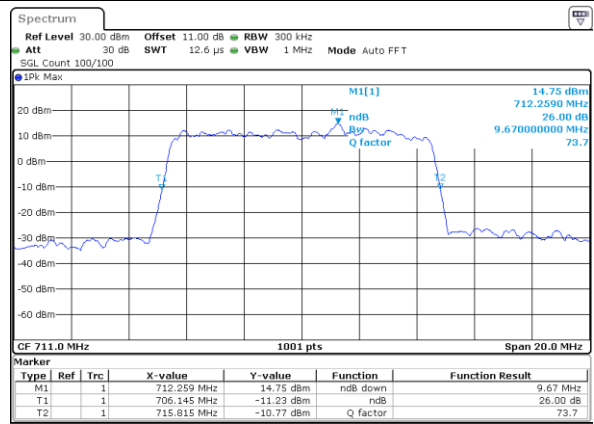
Date: 19_AUG.2020 10:52:53

Highest Channel / 5MHz / 256QAM



Date: 19_AUG.2020 10:50:28

Highest Channel / 10MHz / 256QAM



Date: 19_AUG.2020 10:57:29

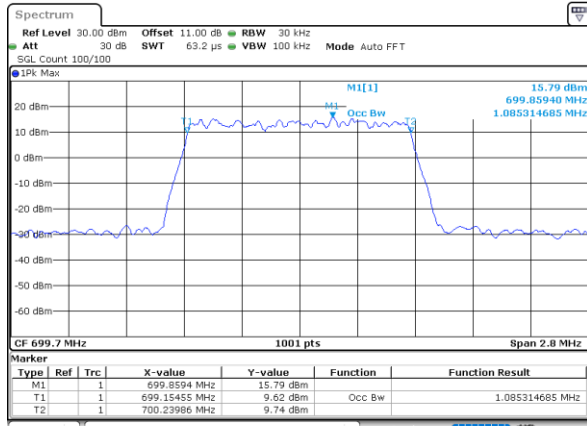
**Occupied Bandwidth**

Mode	LTE Band 12 : 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	1.09	2.72	2.70	4.48	4.51	9.03	9.03	-	-	-	-
Middle CH	1.10	1.08	2.72	2.74	4.47	4.49	9.03	8.99	-	-	-	-
Highest CH	1.09	1.09	2.72	2.71	4.49	4.50	9.07	8.99	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM	64QAM	256QAM
Lowest CH	1.09	1.08	2.72	2.71	4.48	4.49	9.07	9.05	-	-	-	-
Middle CH	1.09	1.08	2.72	2.73	4.47	4.48	9.07	8.97	-	-	-	-
Highest CH	1.09	1.08	2.71	2.72	4.54	4.48	9.03	9.01	-	-	-	-

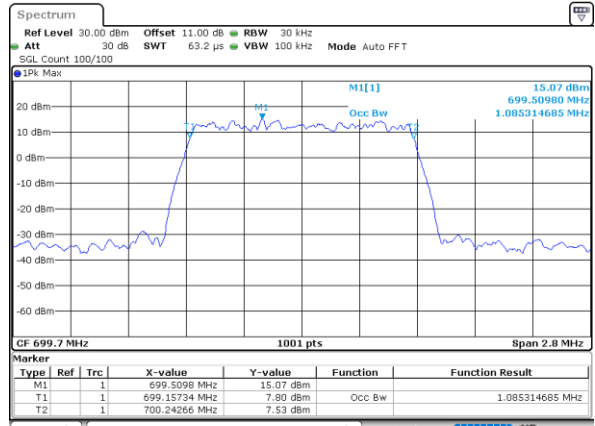


LTE Band 12

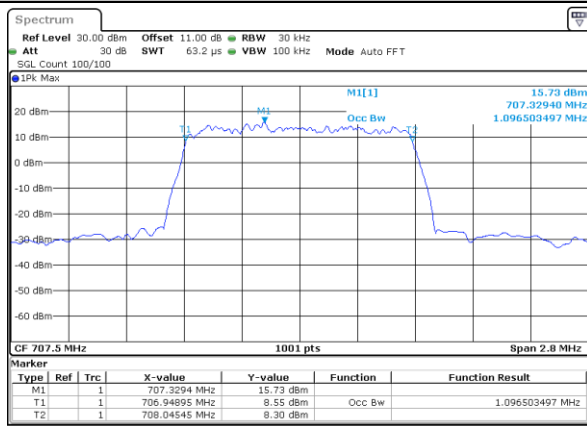
Lowest Channel / 1.4MHz / QPSK



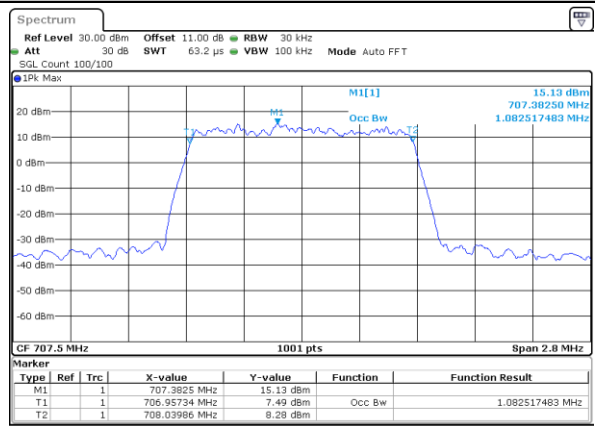
Lowest Channel / 1.4MHz / 16QAM



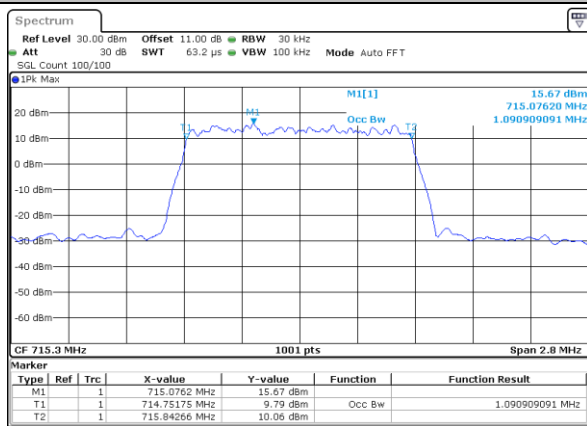
Middle Channel / 1.4MHz / QPSK



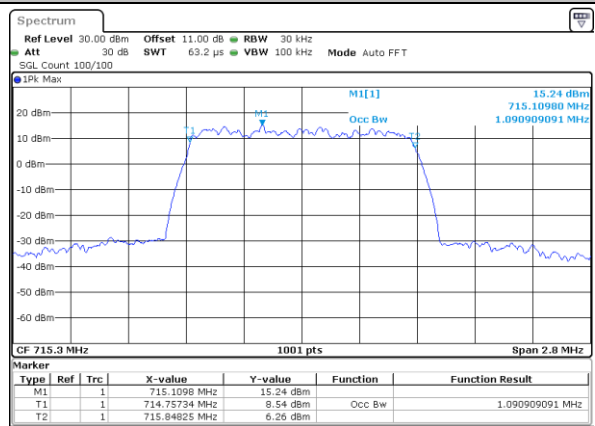
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



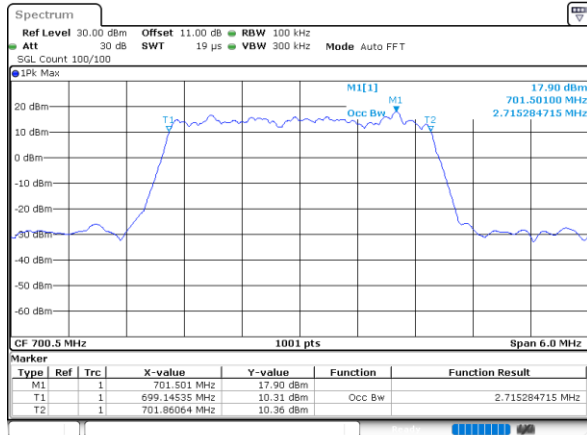
Highest Channel / 1.4MHz / 16QAM



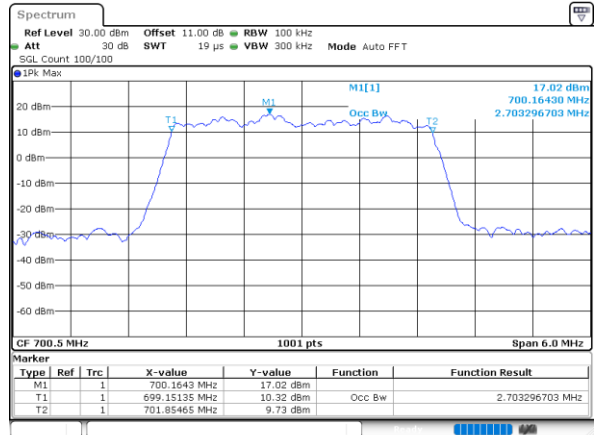


LTE Band 12

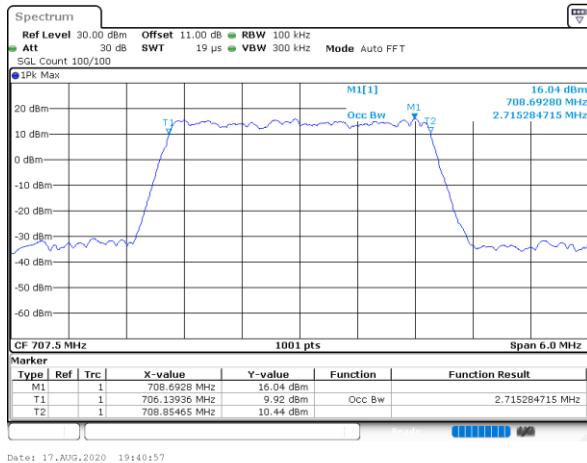
Lowest Channel / 3MHz / QPSK



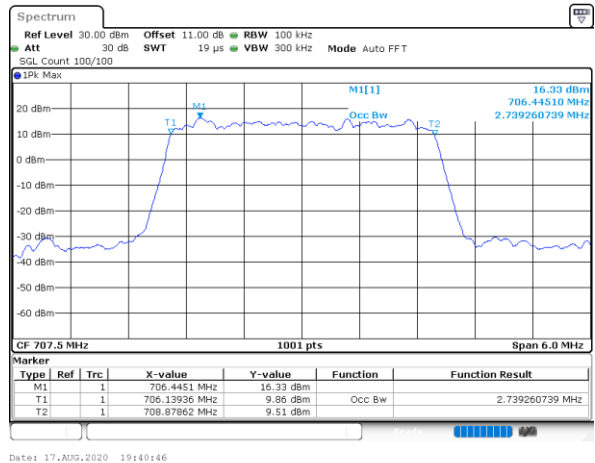
Lowest Channel / 3MHz / 16QAM



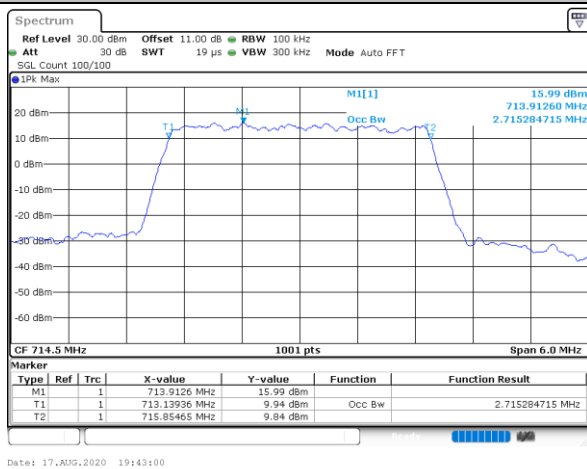
Middle Channel / 3MHz / QPSK



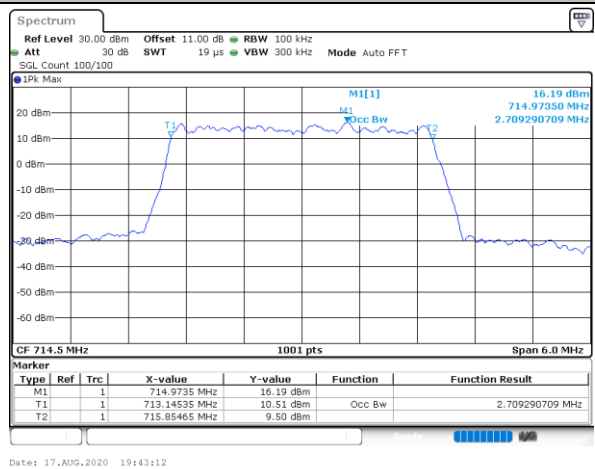
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



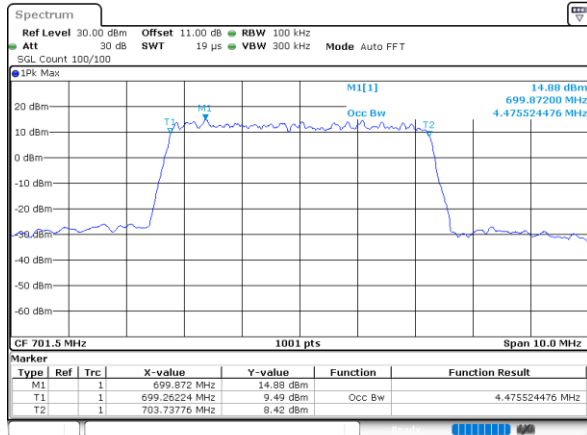
Highest Channel / 3MHz / 16QAM





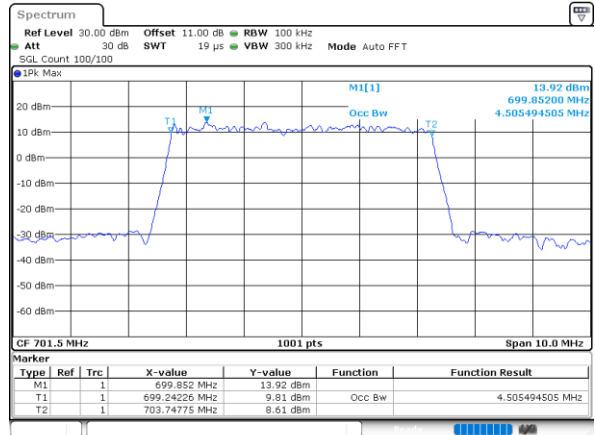
LTE Band 12

Lowest Channel / 5MHz / QPSK



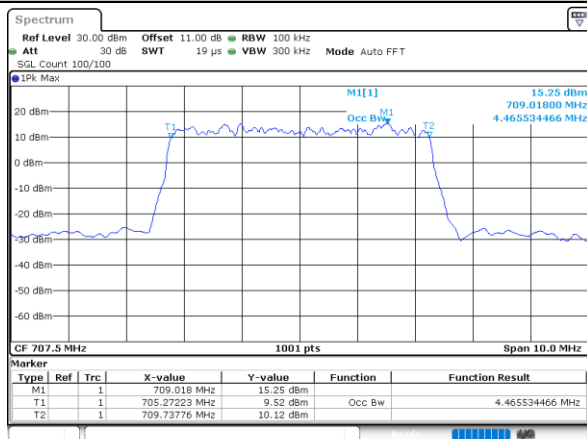
Date: 17.AUG.2020 19:54:24

Lowest Channel / 5MHz / 16QAM



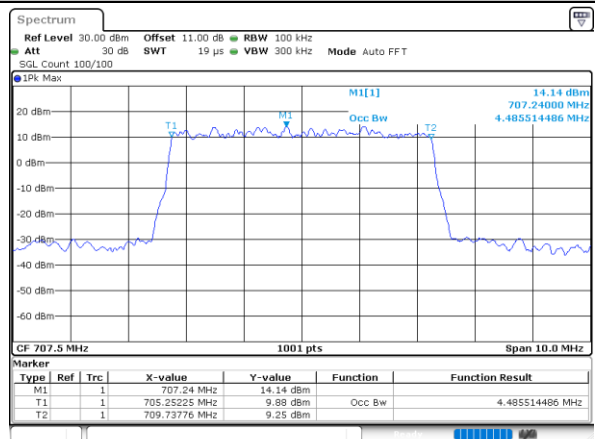
Date: 17.AUG.2020 19:54:36

Middle Channel / 5MHz / QPSK



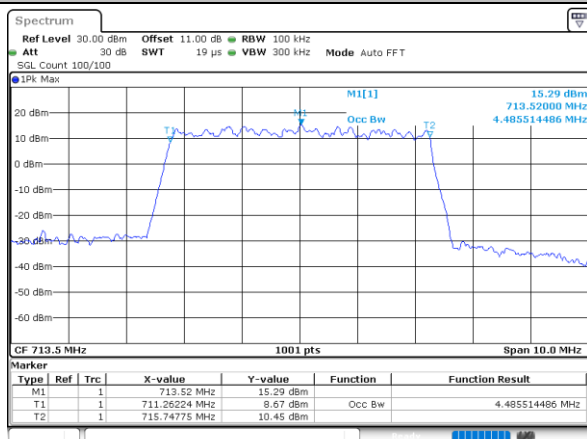
Date: 17.AUG.2020 19:59:12

Middle Channel / 5MHz / 16QAM



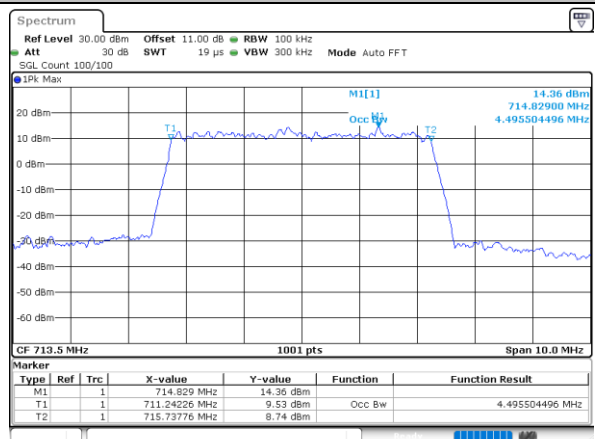
Date: 17.AUG.2020 19:59:00

Highest Channel / 5MHz / QPSK



Date: 17.AUG.2020 20:01:15

Highest Channel / 5MHz / 16QAM

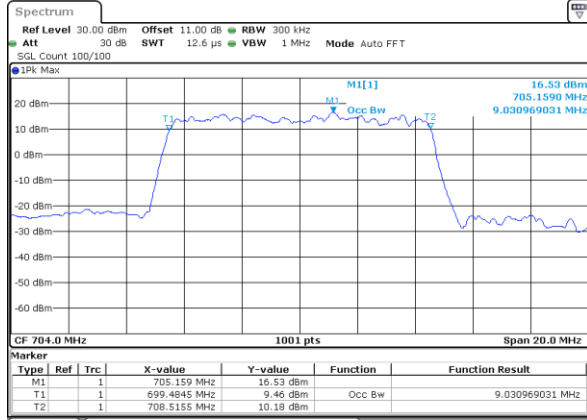


Date: 17.AUG.2020 20:01:26



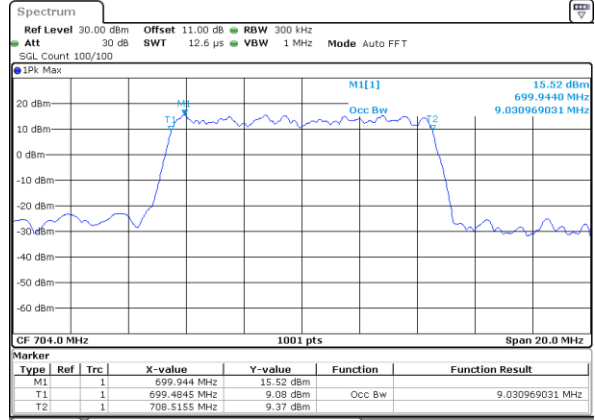
LTE Band 12

Lowest Channel / 10MHz / QPSK



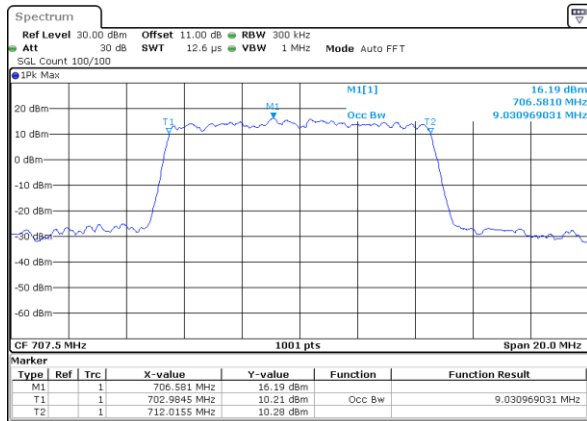
Date: 17.AUG.2020 20:05:51

Lowest Channel / 10MHz / 16QAM



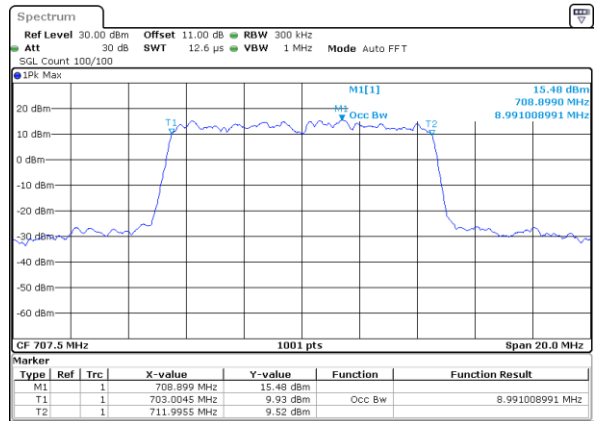
Date: 17.AUG.2020 20:06:03

Middle Channel / 10MHz / QPSK



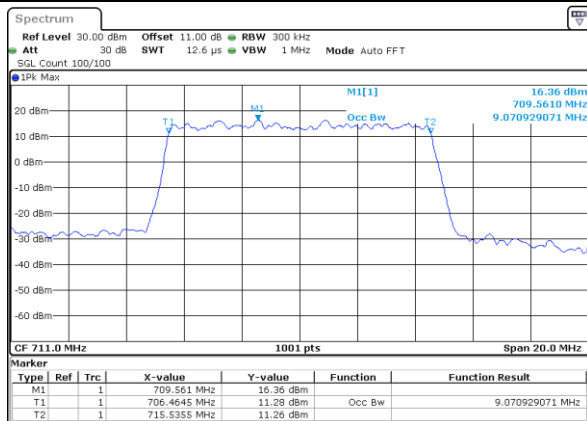
Date: 17.AUG.2020 20:10:39

Middle Channel / 10MHz / 16QAM



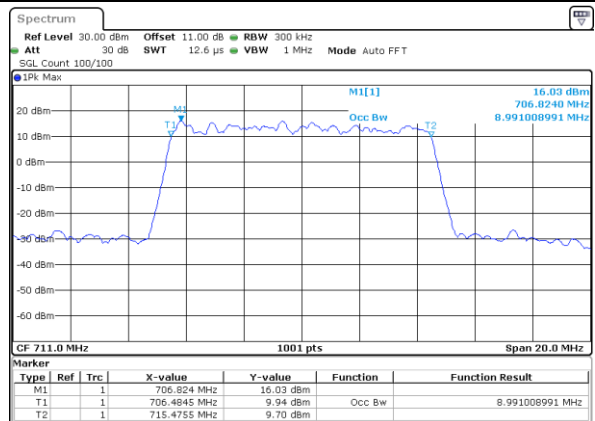
Date: 17.AUG.2020 20:10:27

Highest Channel / 10MHz / QPSK



Date: 17.AUG.2020 20:12:42

Highest Channel / 10MHz / 16QAM

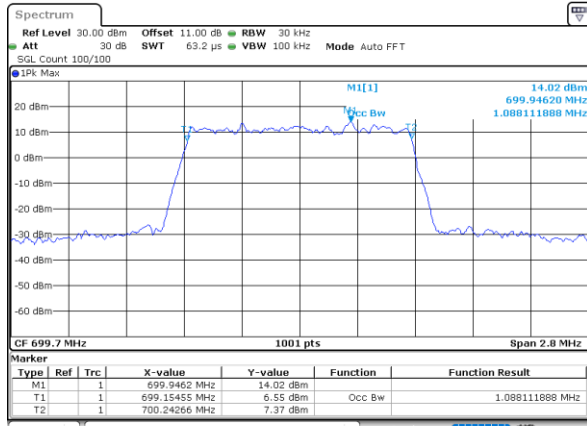


Date: 17.AUG.2020 20:12:53



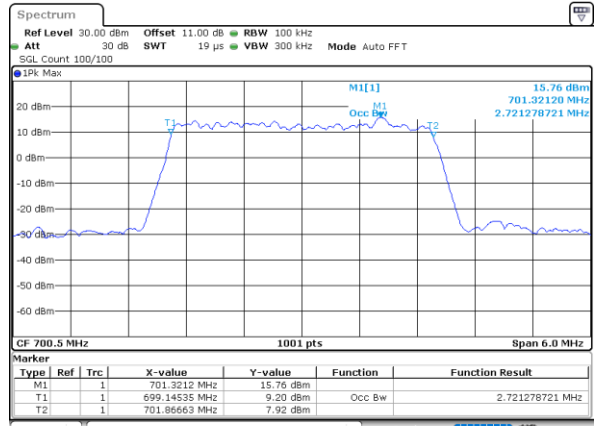
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



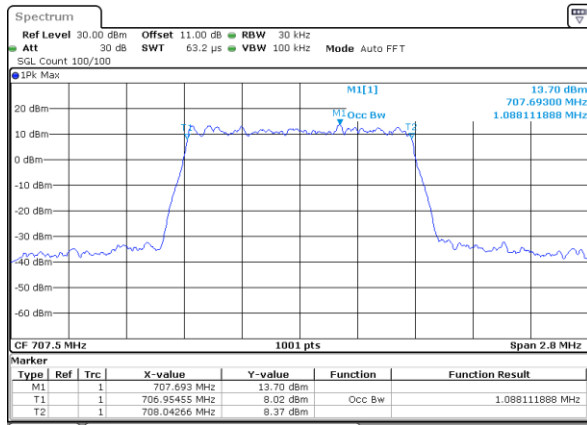
Date: 17.AUG.2020 19:35:04

Lowest Channel / 3MHz / 64QAM



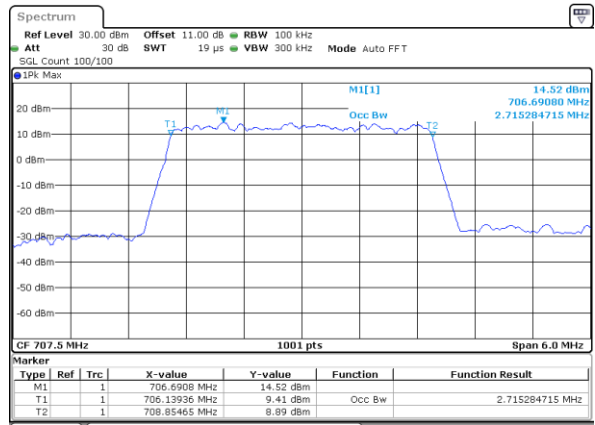
Date: 17.AUG.2020 19:45:17

Middle Channel / 1.4MHz / 64QAM



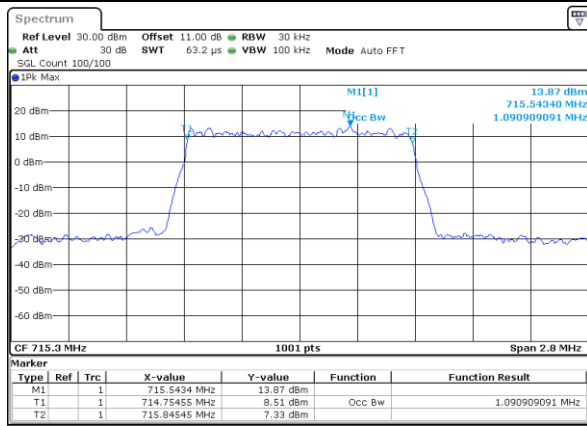
Date: 17.AUG.2020 19:36:13

Middle Channel / 3MHz / 64QAM



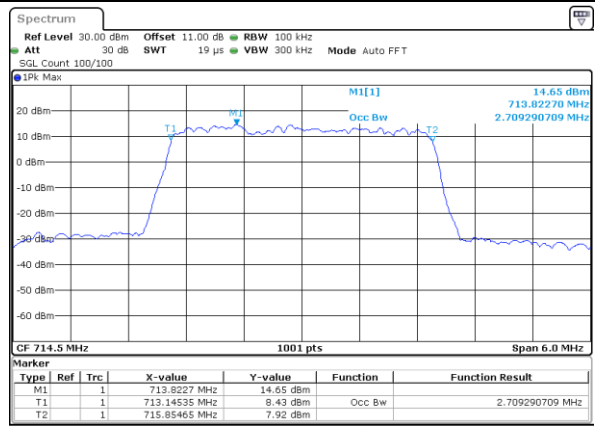
Date: 17.AUG.2020 19:46:25

Highest Channel / 1.4MHz / 64QAM



Date: 17.AUG.2020 19:37:20

Highest Channel / 3MHz / 64QAM

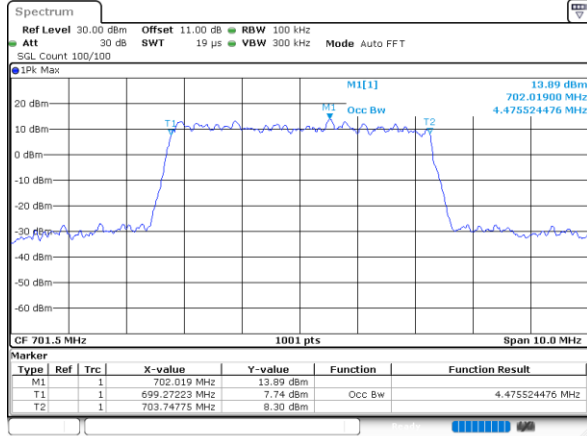


Date: 17.AUG.2020 19:47:32

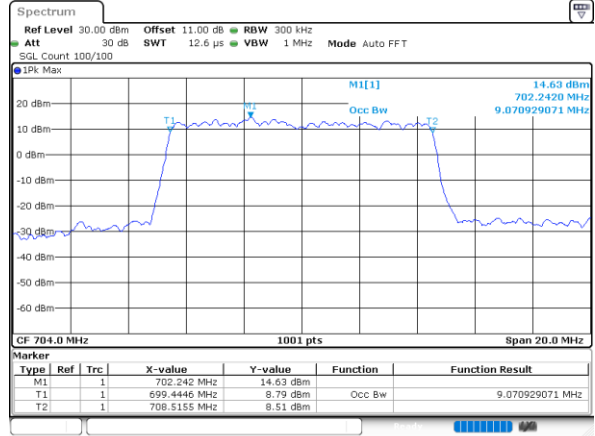


LTE Band 12

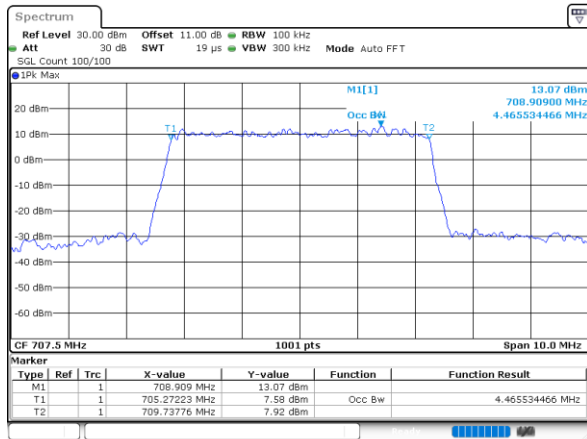
Lowest Channel / 5MHz / 64QAM



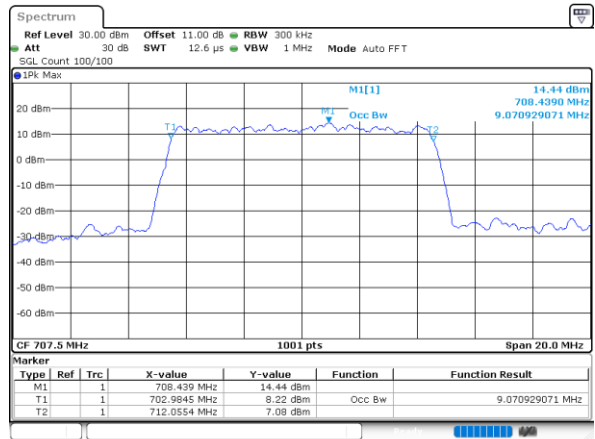
Lowest Channel / 10MHz / 64QAM



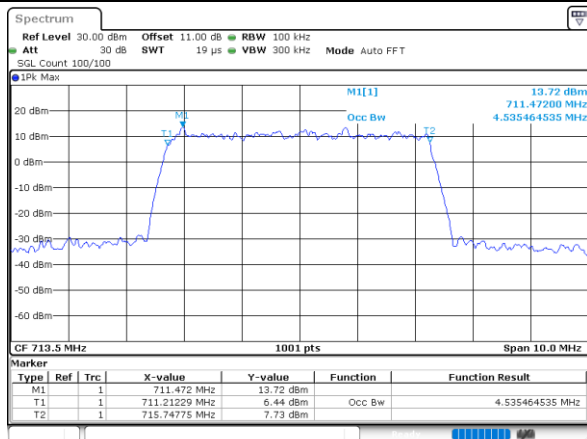
Middle Channel / 5MHz / 64QAM



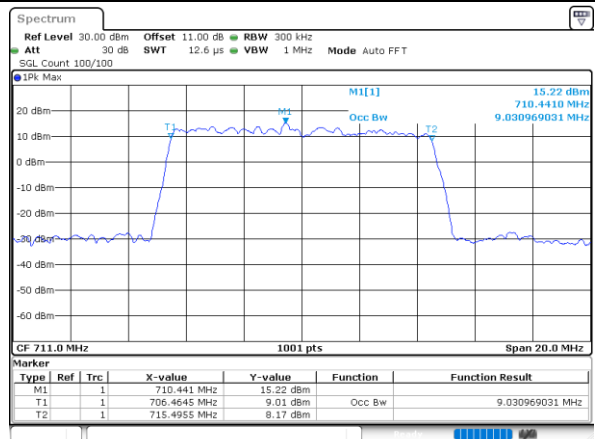
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



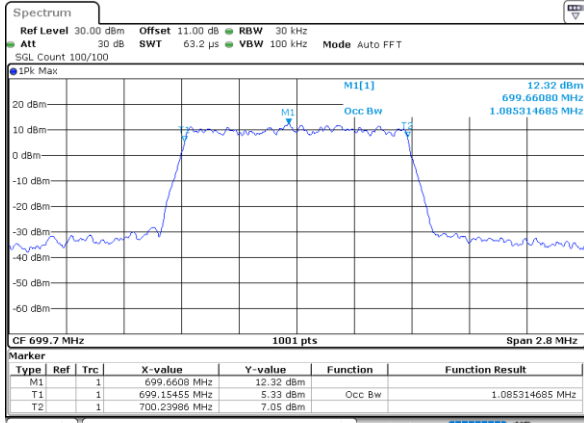
Highest Channel / 10MHz / 64QAM



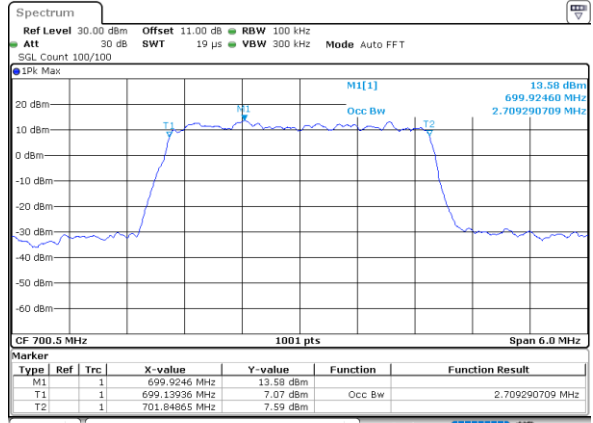


LTE Band 12

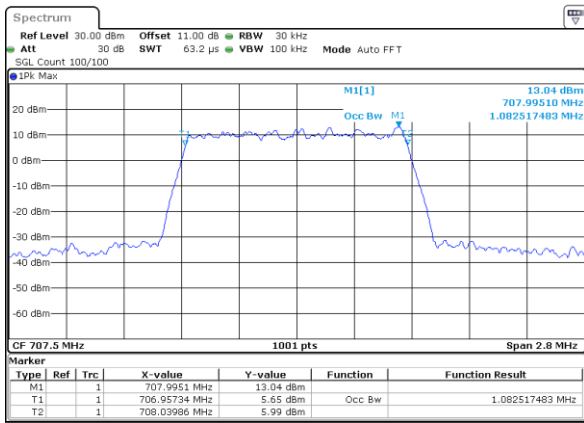
Lowest Channel / 1.4MHz / 256QAM



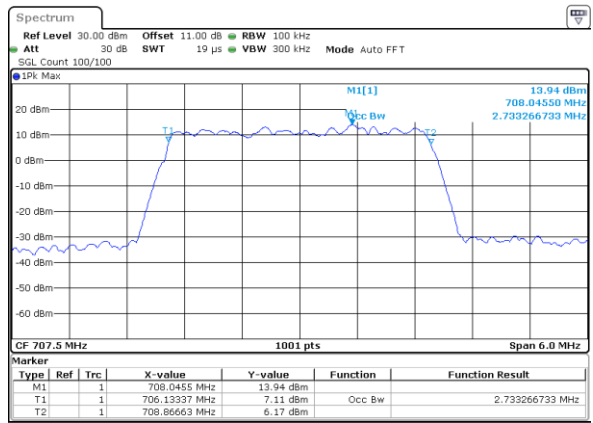
Lowest Channel / 3MHz / 256QAM



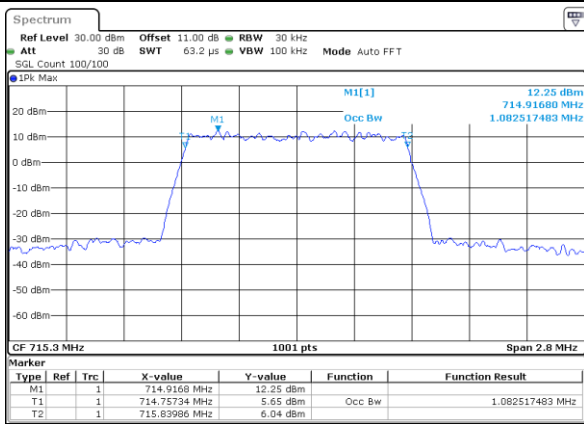
Middle Channel / 1.4MHz / 256QAM



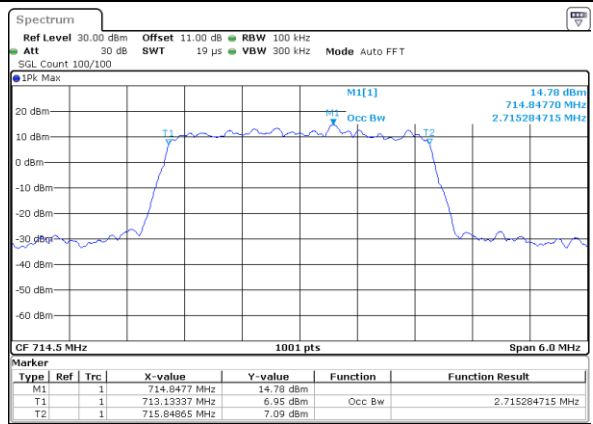
Middle Channel / 3MHz / 256QAM



Highest Channel / 1.4MHz / 256QAM



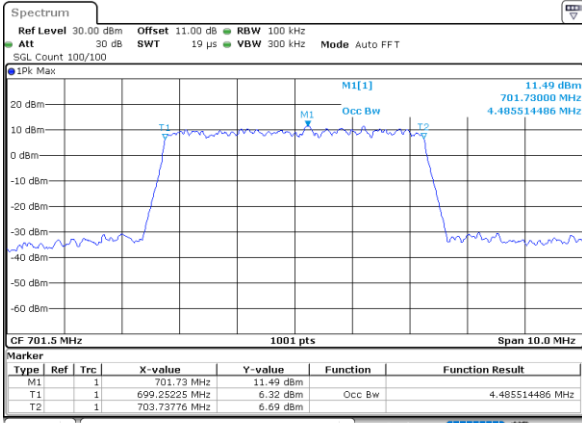
Highest Channel / 3MHz / 256QAM



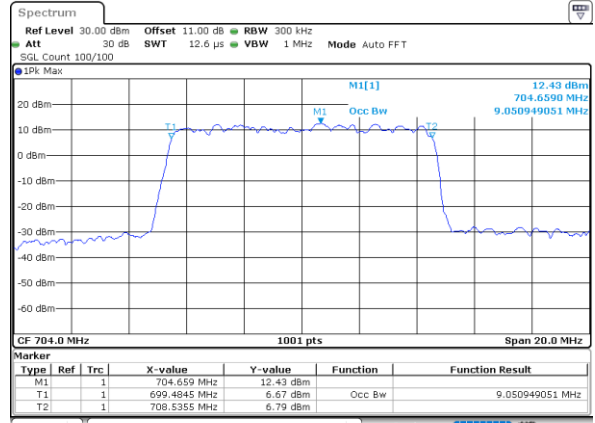


LTE Band 12

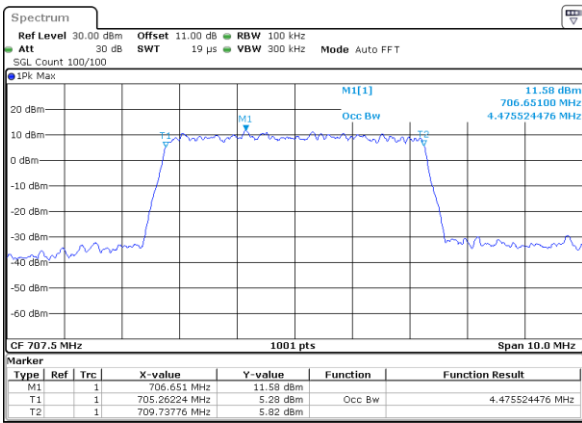
Lowest Channel / 5MHz / 256QAM



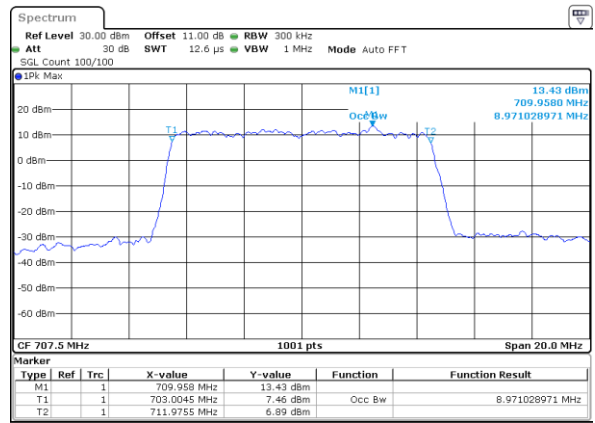
Lowest Channel / 10MHz / 256QAM



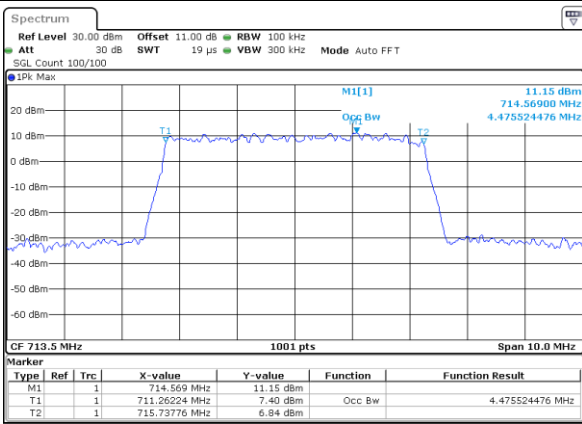
Middle Channel / 5MHz / 256QAM



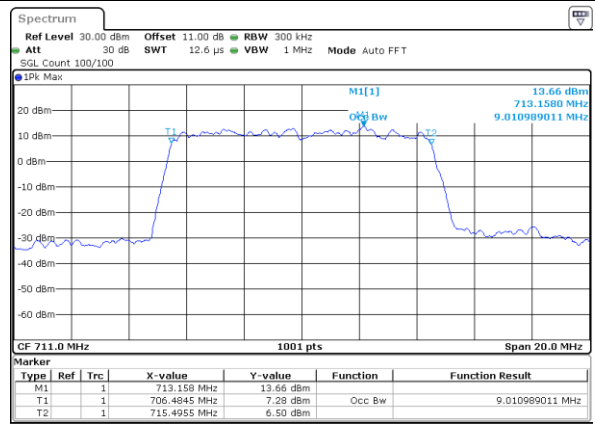
Middle Channel / 10MHz / 256QAM

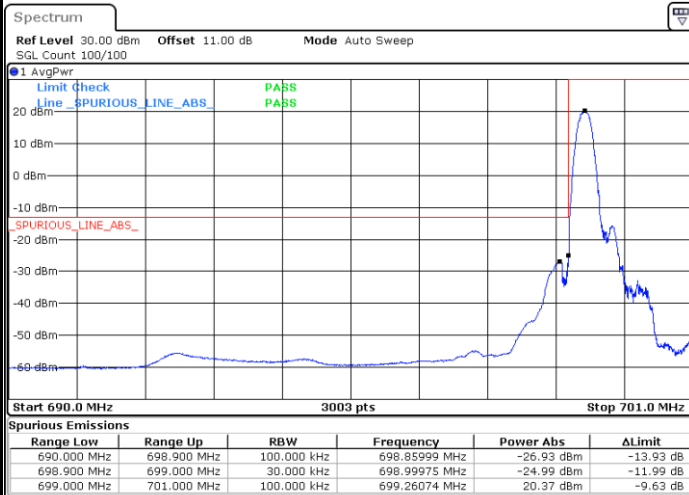
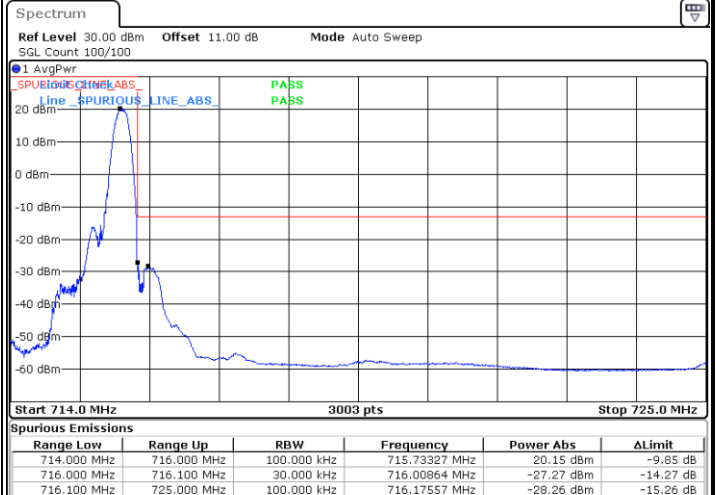
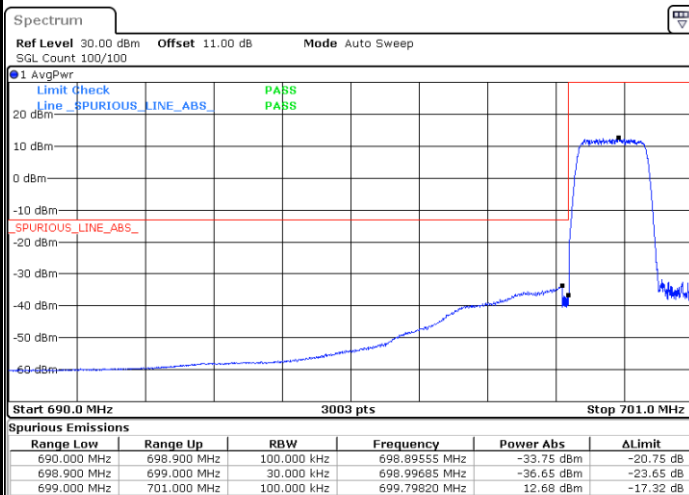
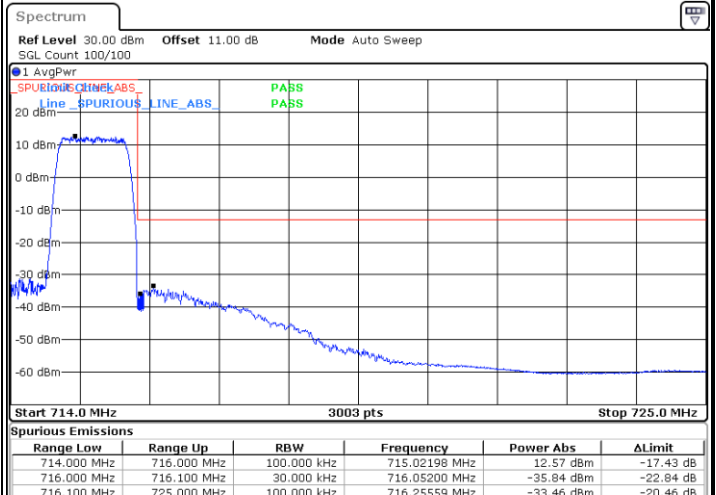


Highest Channel / 5MHz / 256QAM



Highest Channel / 10MHz / 256QAM

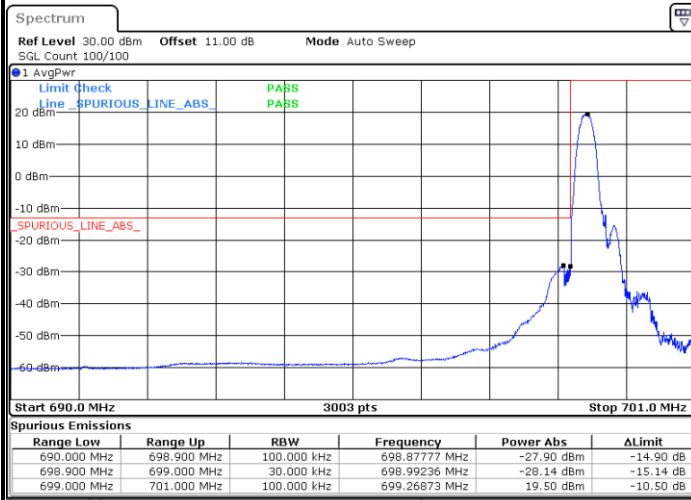


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 12 / 1.4MHz / 16QAM

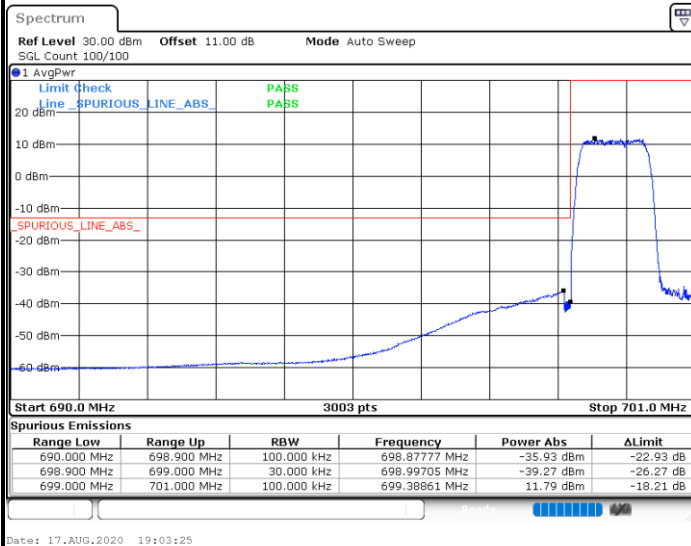
Lowest Band Edge / 1 RB



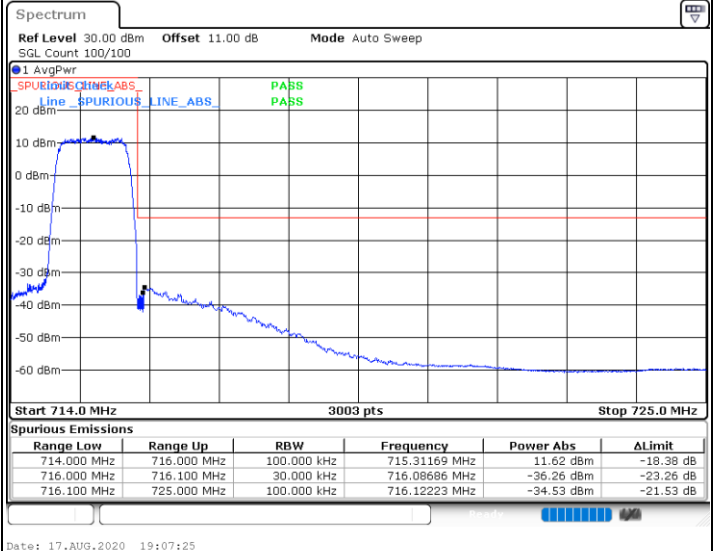
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



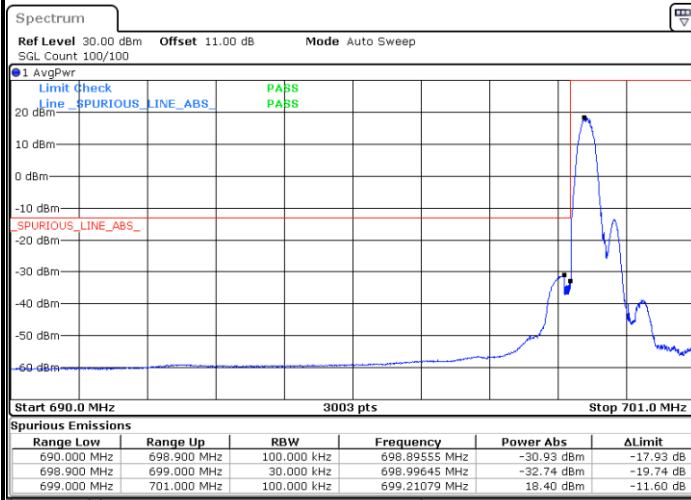
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 64QAM

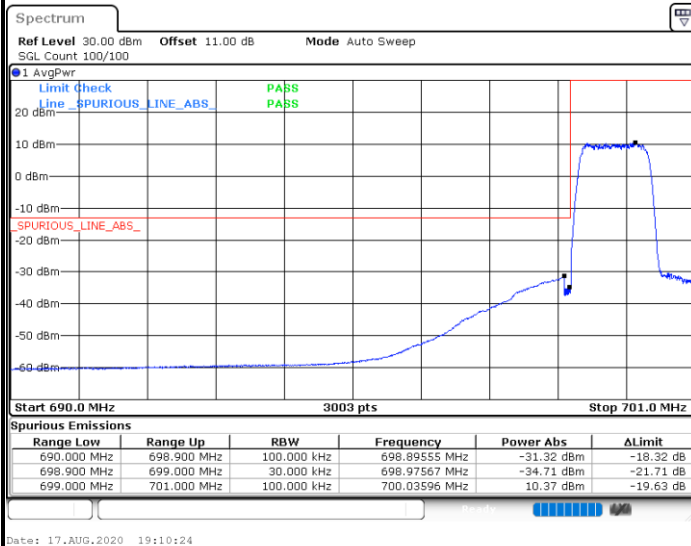
Lowest Band Edge / 1 RB



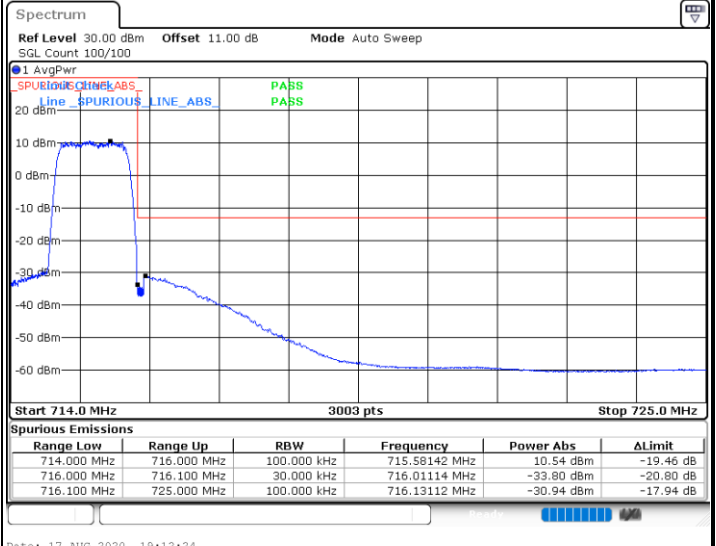
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



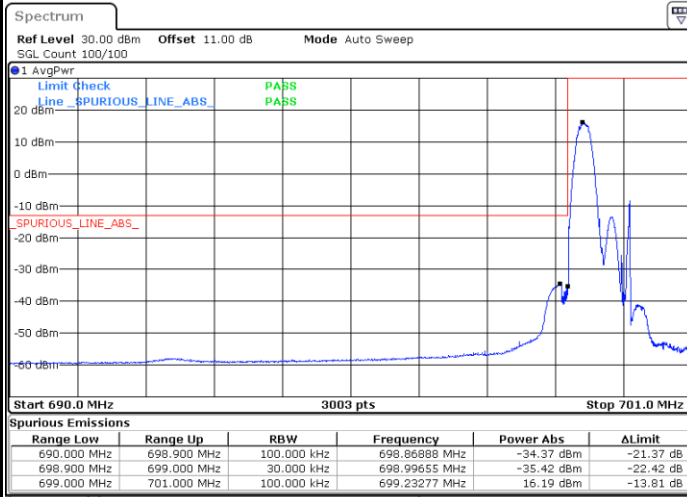
Highest Band Edge / Full RB



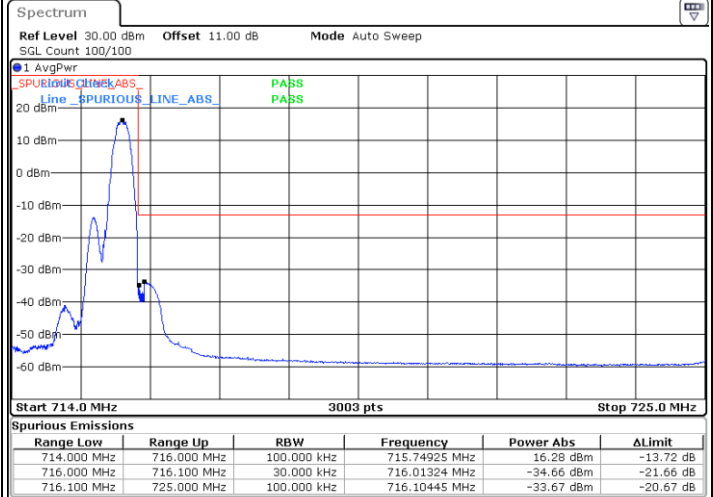


LTE Band 12 / 1.4MHz / 256QAM

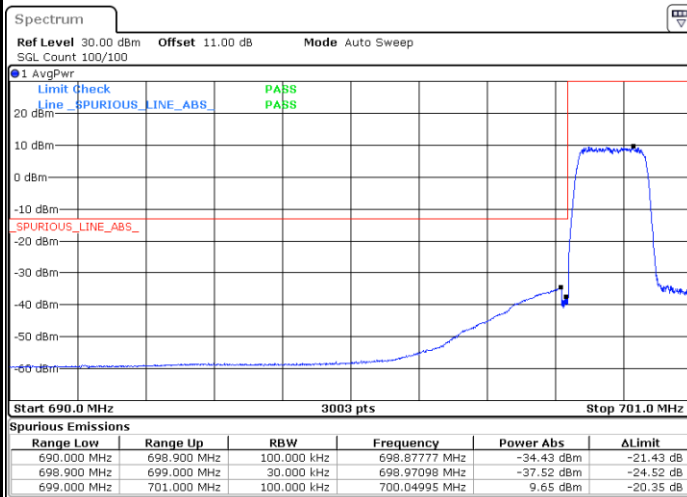
Lowest Band Edge / 1 RB



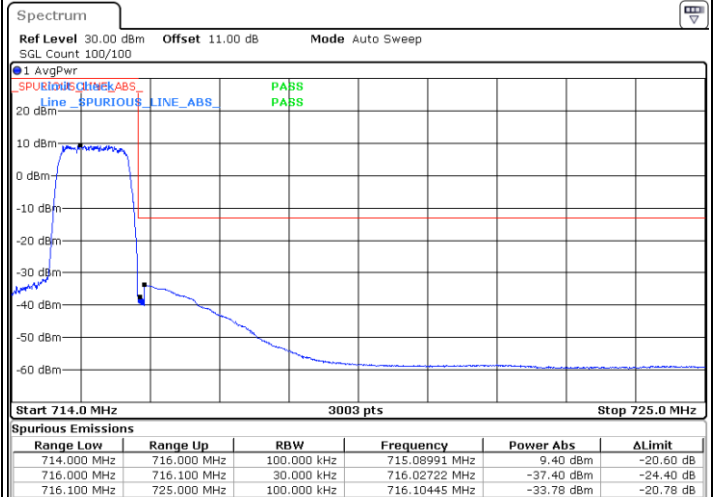
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



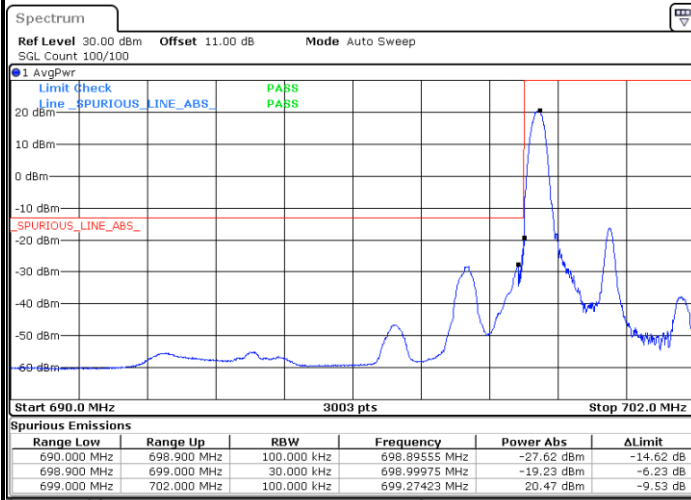
Highest Band Edge / Full RB



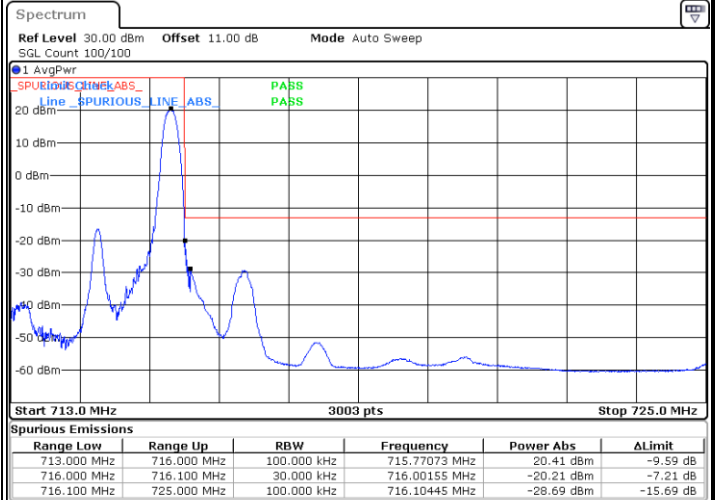


LTE Band 12 / 3MHz / QPSK

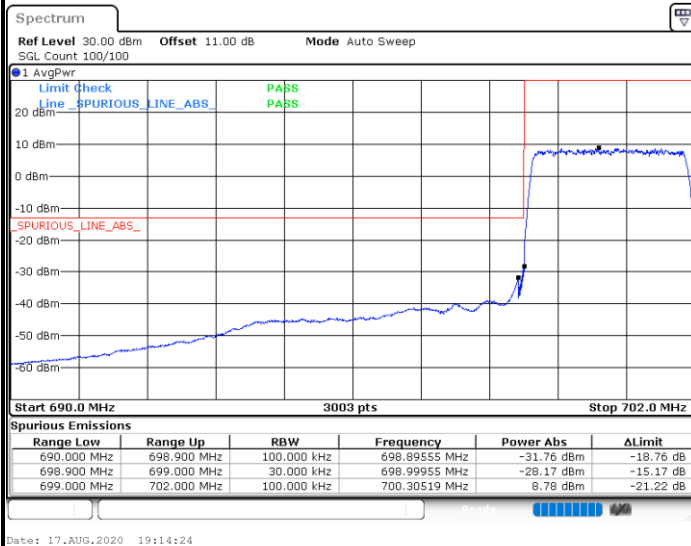
Lowest Band Edge / 1RB



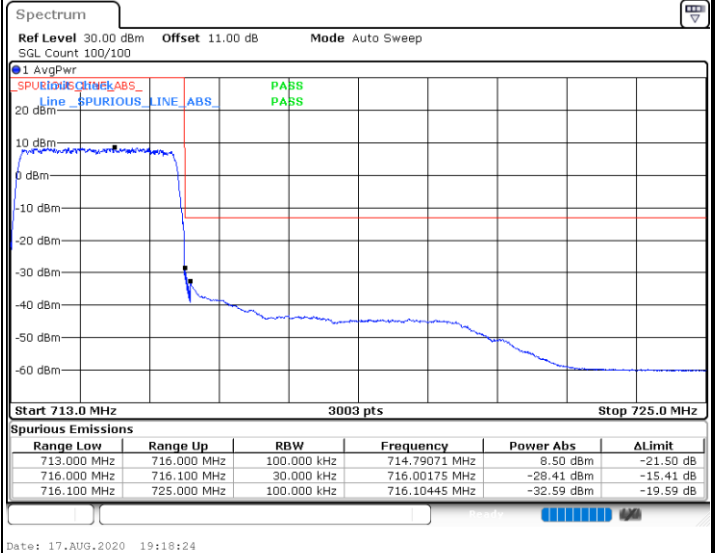
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



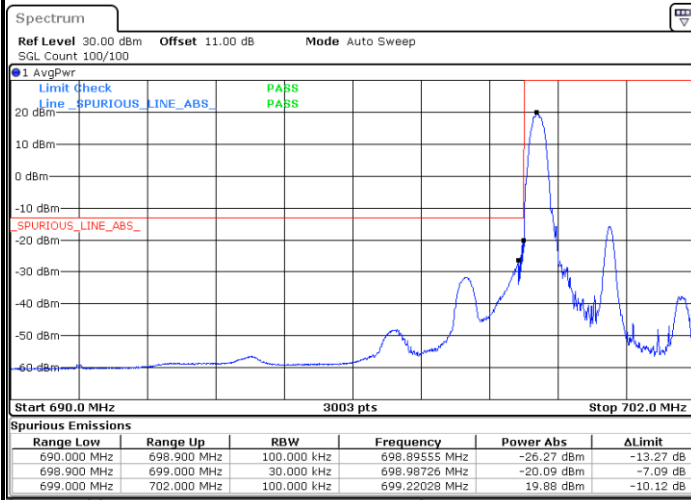
Highest Band Edge / Full RB



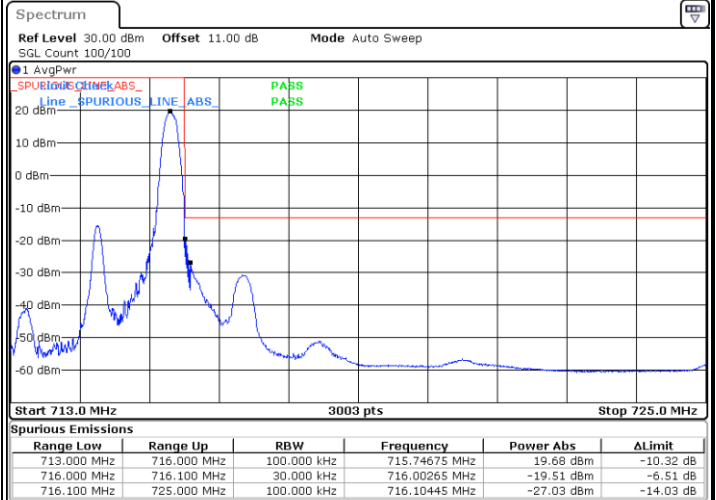


LTE Band 12 / 3MHz / 16QAM

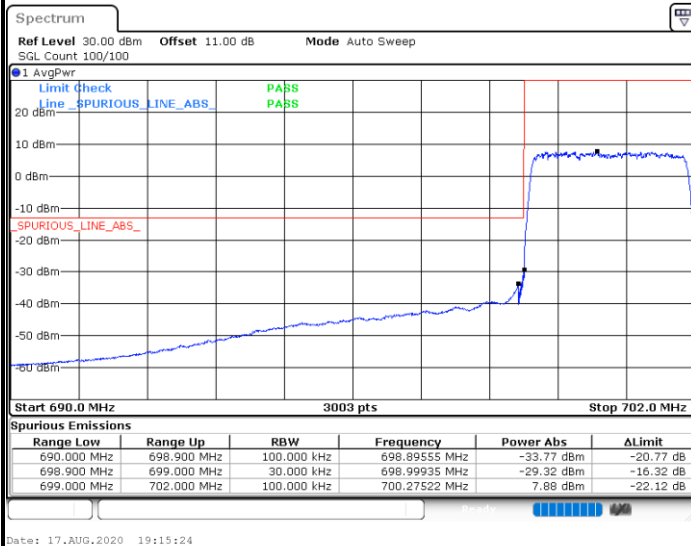
Lowest Band Edge / 1 RB



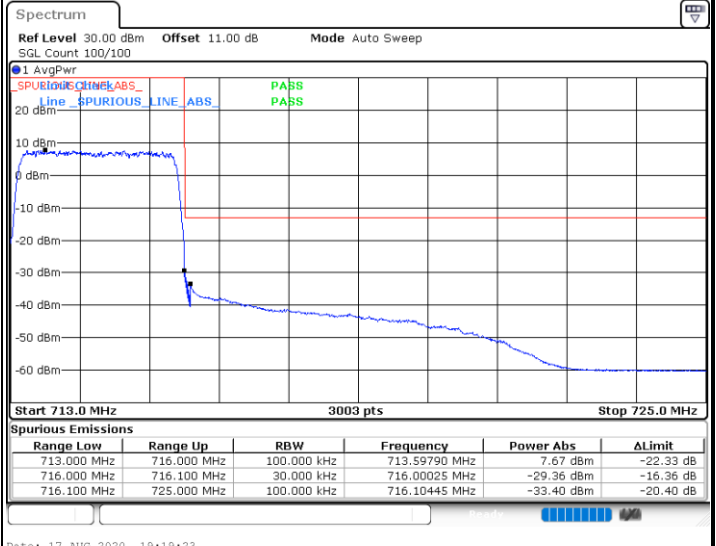
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



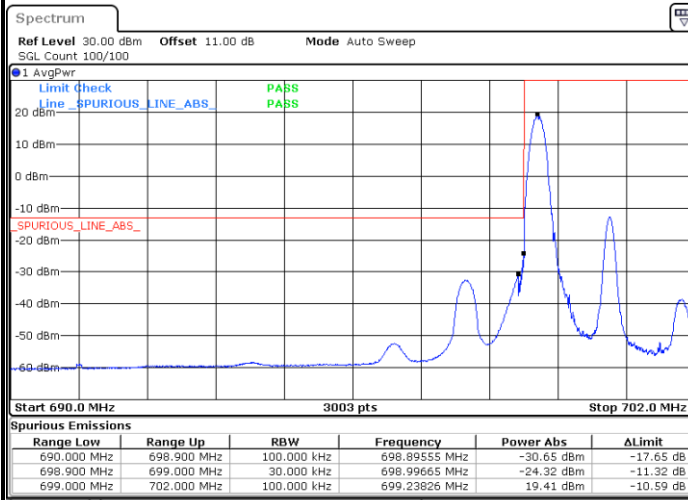
Highest Band Edge / Full RB



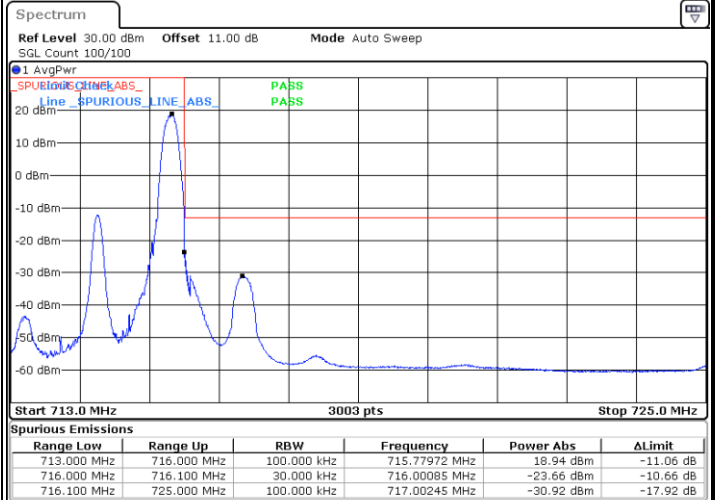


LTE Band 12 / 3MHz / 64QAM

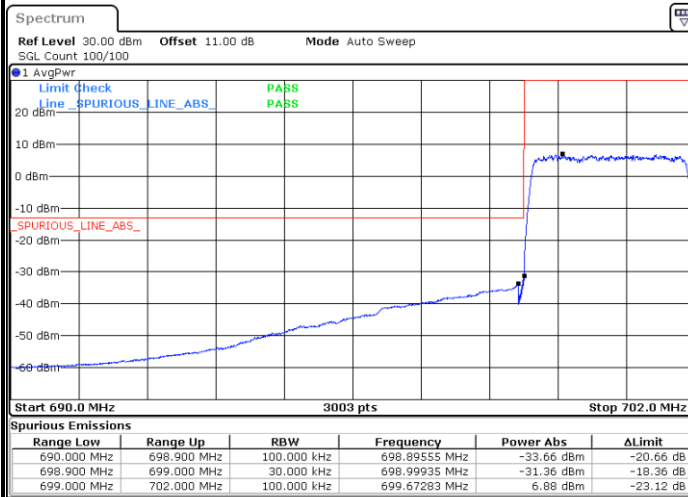
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



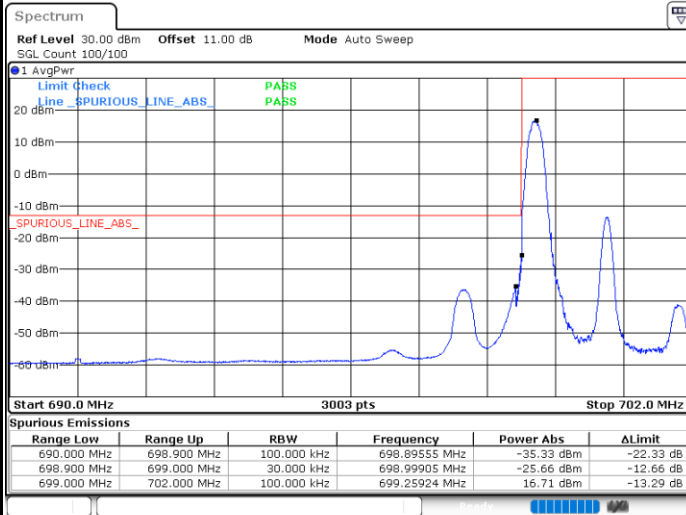
Highest Band Edge / Full RB



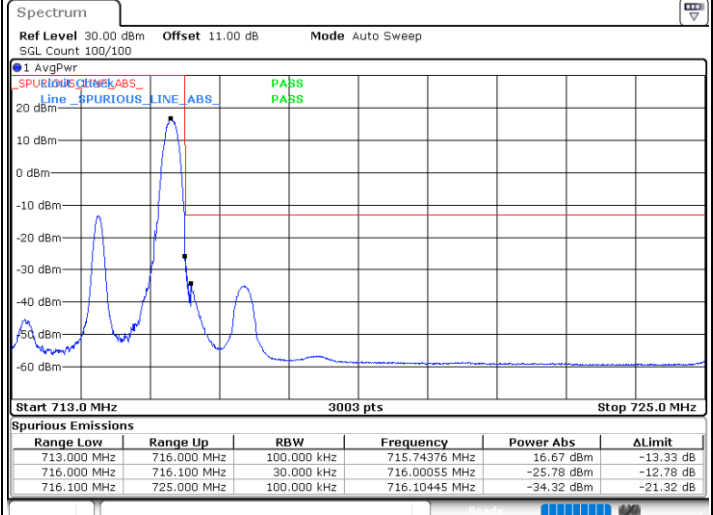


LTE Band 12 / 3MHz / 256QAM

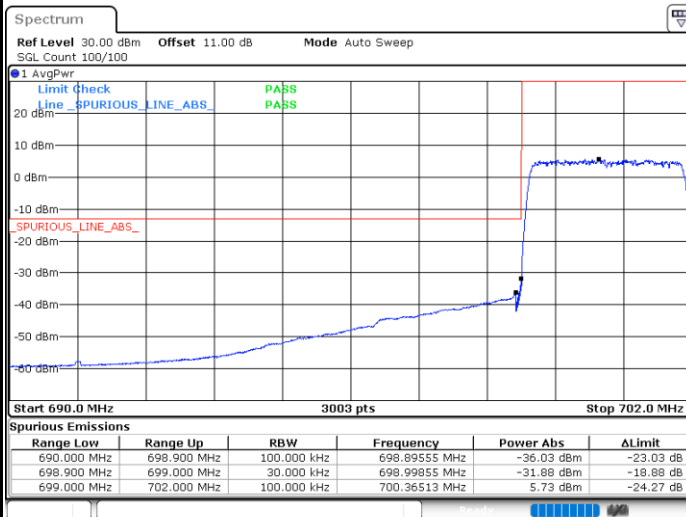
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



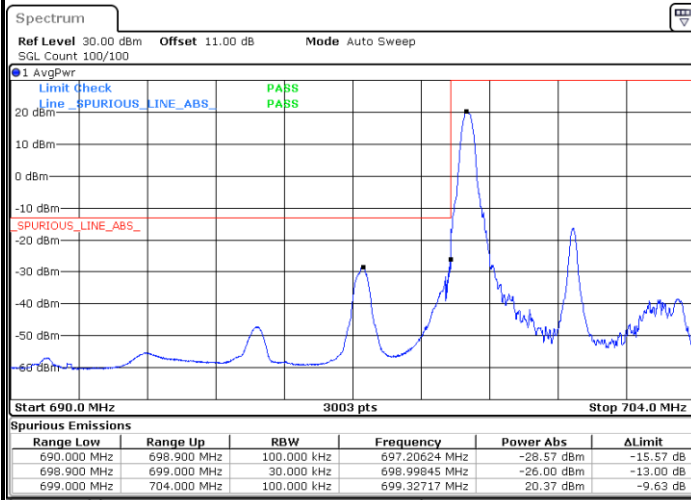
Highest Band Edge / Full RB



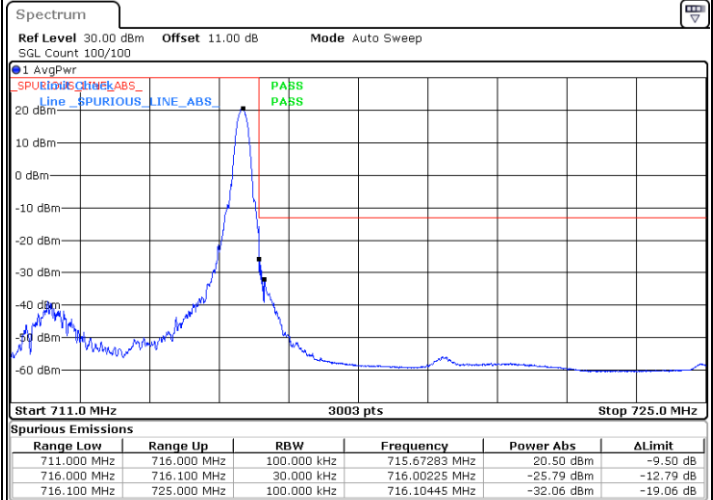


LTE Band 12 / 5MHz / QPSK

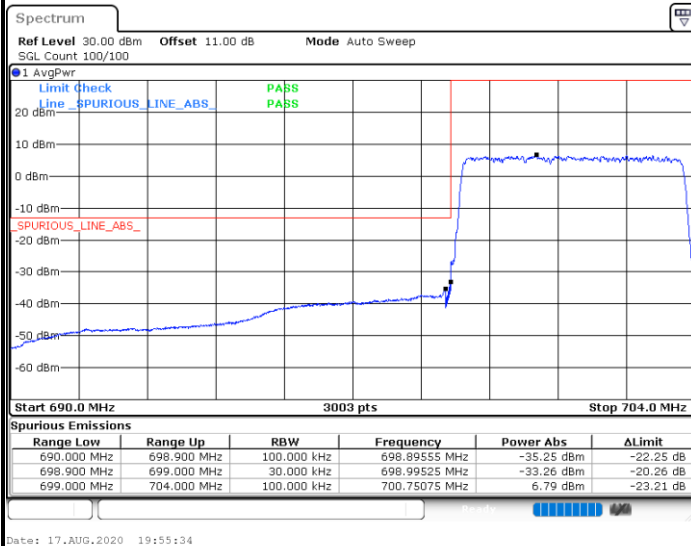
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

