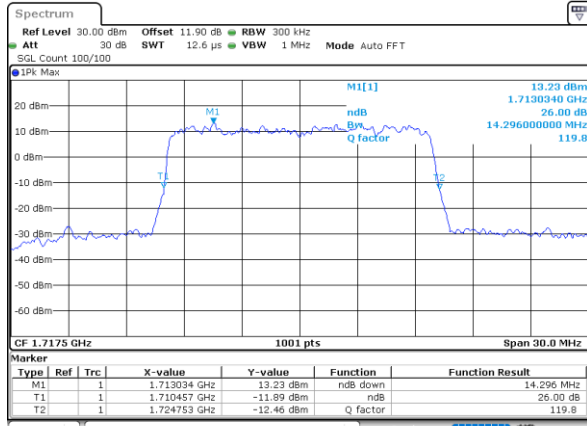




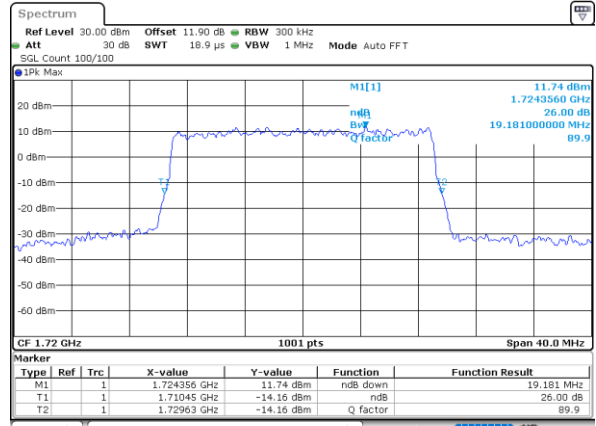
LTE Band 4

Lowest Channel / 15MHz / 64QAM



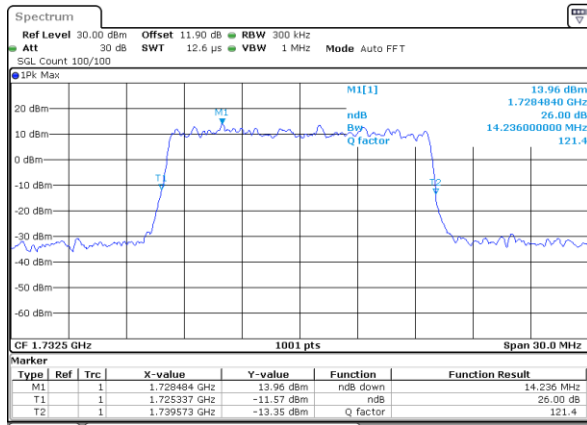
Date: 17.AUG.2020 14:42:55

Lowest Channel / 20MHz / 64QAM



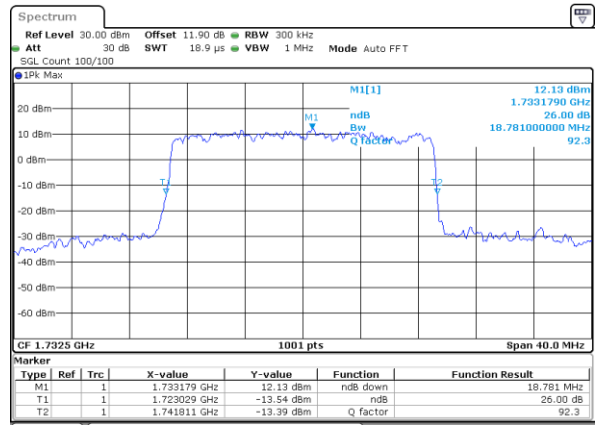
Date: 17.AUG.2020 14:59:23

Middle Channel / 15MHz / 64QAM



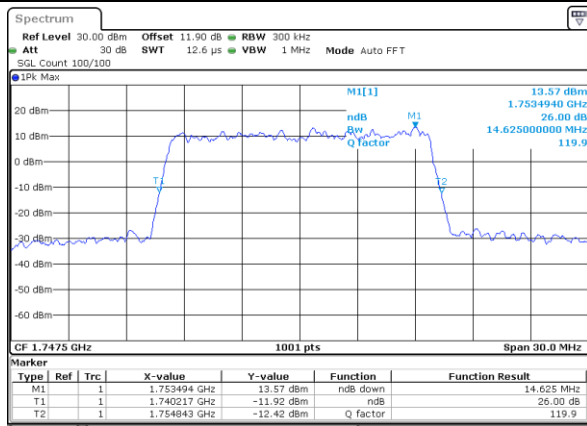
Date: 17.AUG.2020 14:45:08

Middle Channel / 20MHz / 64QAM



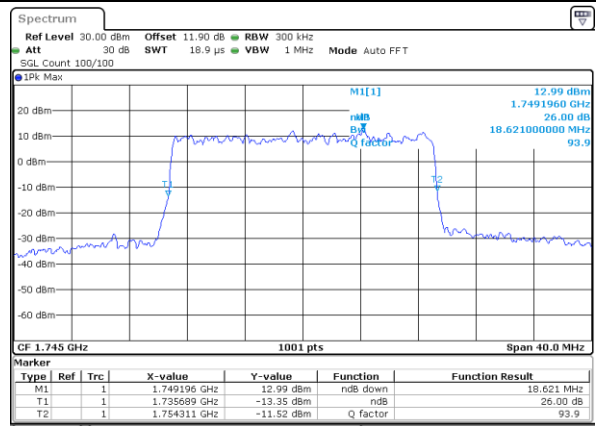
Date: 17.AUG.2020 15:01:36

Highest Channel / 15MHz / 64QAM



Date: 17.AUG.2020 14:46:11

Highest Channel / 20MHz / 64QAM

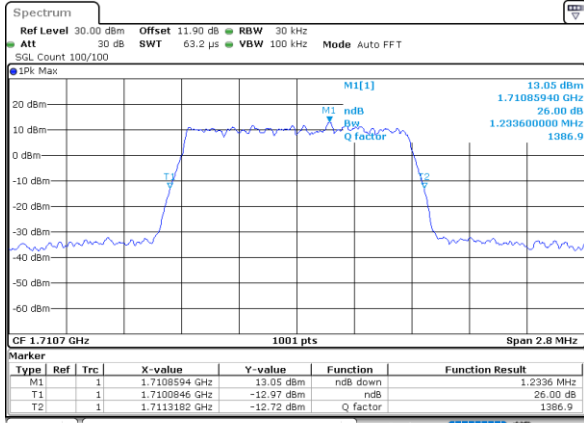


Date: 17.AUG.2020 15:02:39

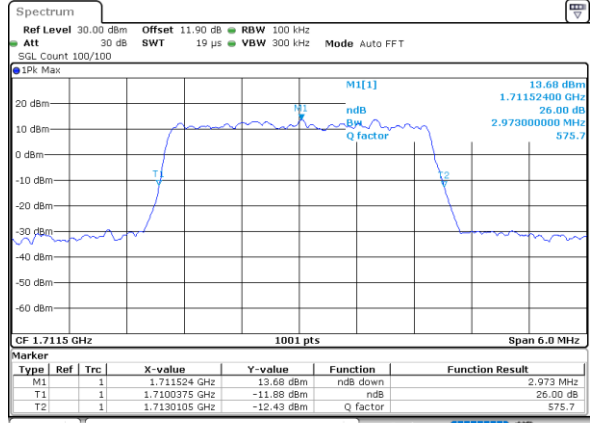


LTE Band 4

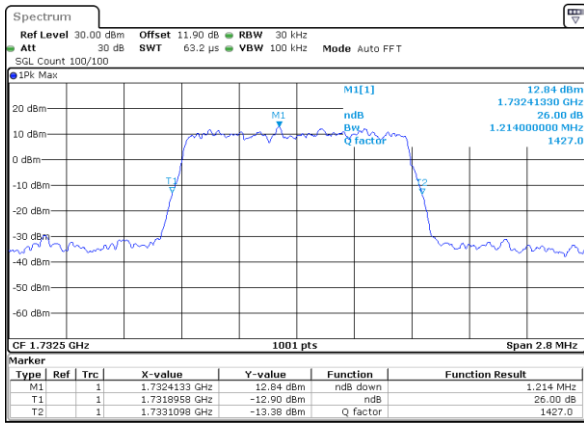
Lowest Channel / 1.4MHz / 256QAM



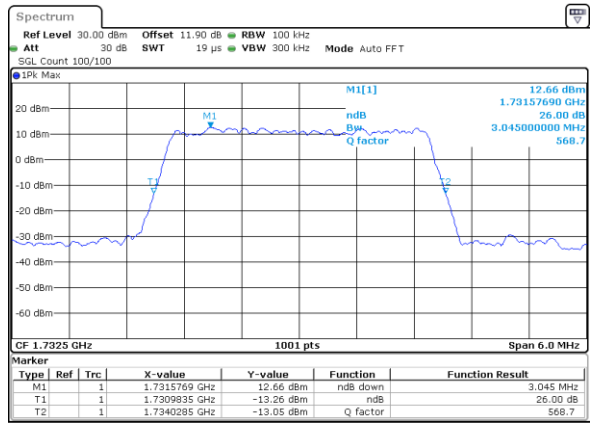
Lowest Channel / 3MHz / 256QAM



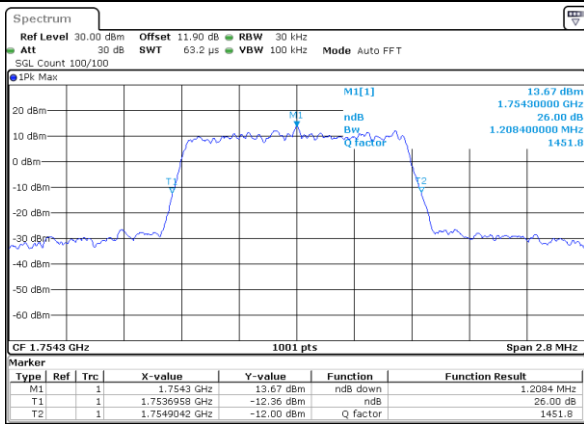
Middle Channel / 1.4MHz / 256QAM



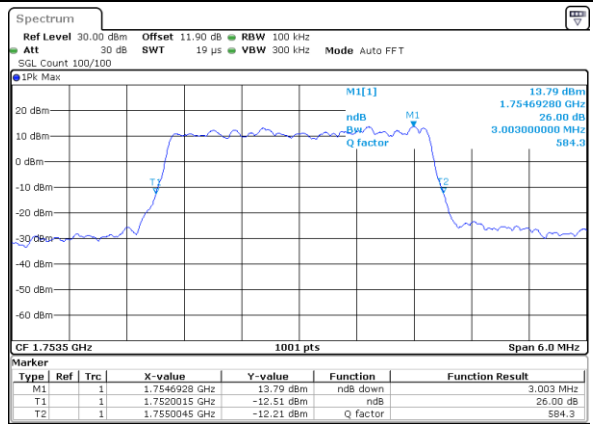
Middle Channel / 3MHz / 256QAM



Highest Channel / 1.4MHz / 256QAM



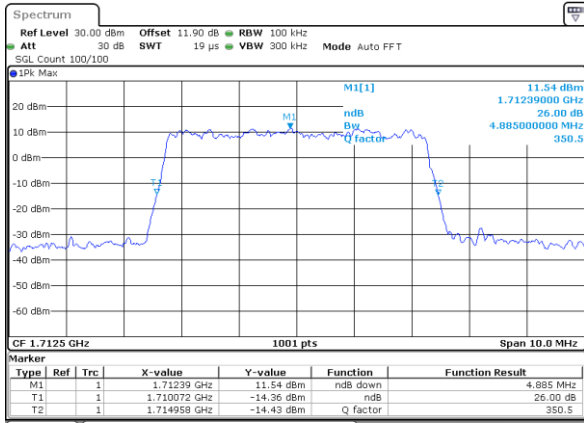
Highest Channel / 3MHz / 256QAM





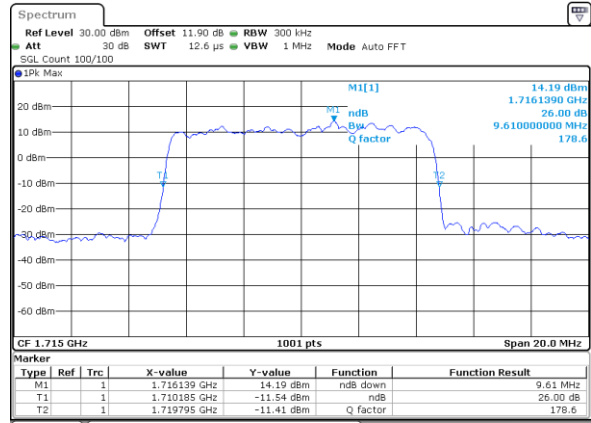
LTE Band 4

Lowest Channel / 5MHz / 256QAM



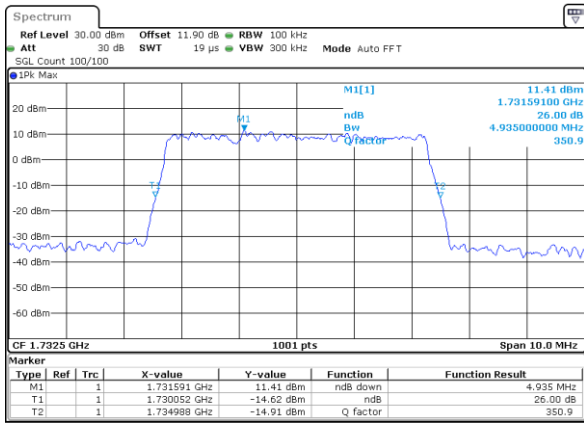
Date: 18.AUG.2020 20:02:24

Lowest Channel / 10MHz / 256QAM



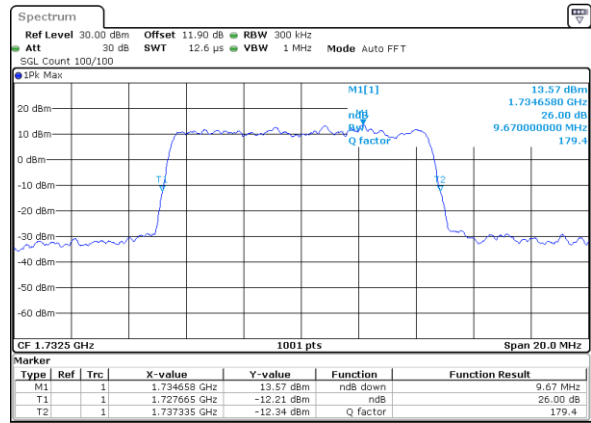
Date: 18.AUG.2020 20:10:27

Middle Channel / 5MHz / 256QAM



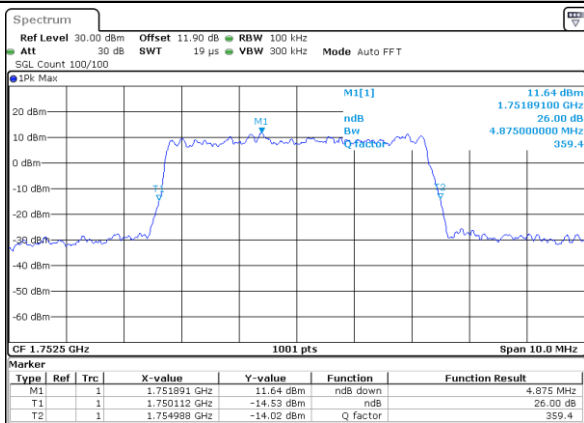
Date: 18.AUG.2020 20:08:51

Middle Channel / 10MHz / 256QAM



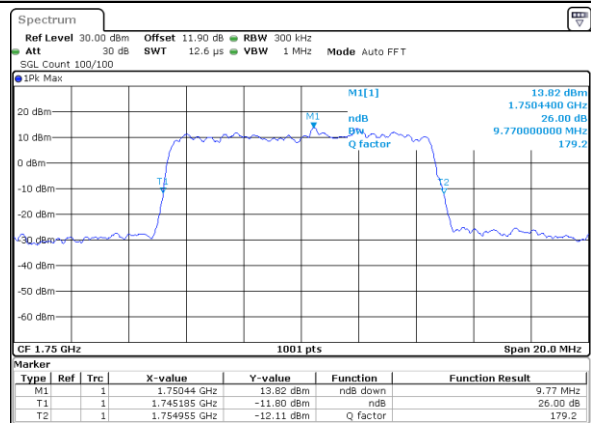
Date: 18.AUG.2020 20:18:56

Highest Channel / 5MHz / 256QAM



Date: 18.AUG.2020 20:16:06

Highest Channel / 10MHz / 256QAM

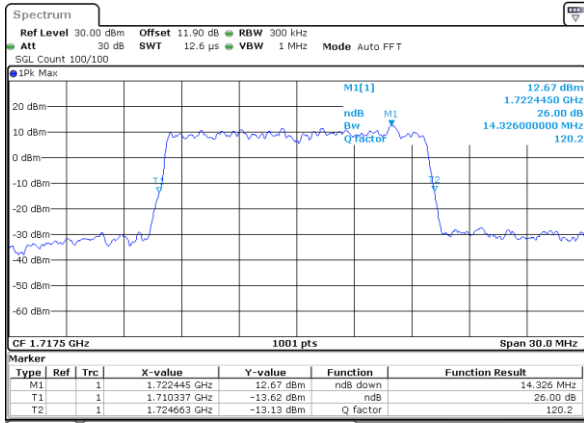


Date: 18.AUG.2020 20:22:30



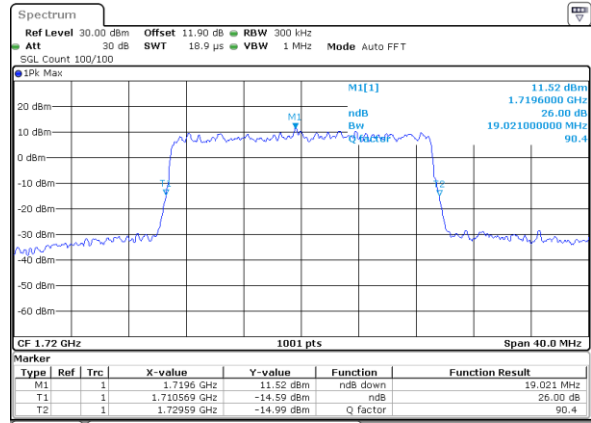
LTE Band 4

Lowest Channel / 15MHz / 256QAM



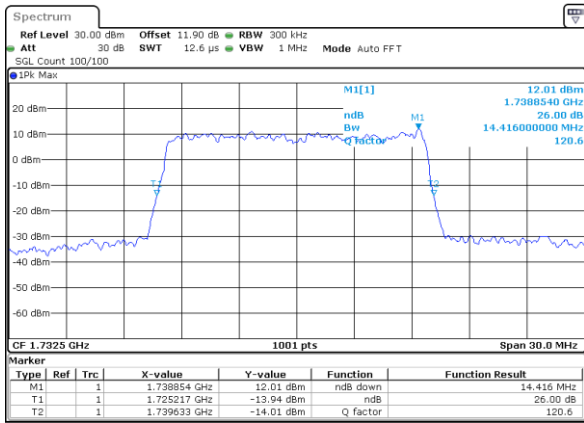
Date: 18.AUG.2020 20:26:58

Lowest Channel / 20MHz / 256QAM



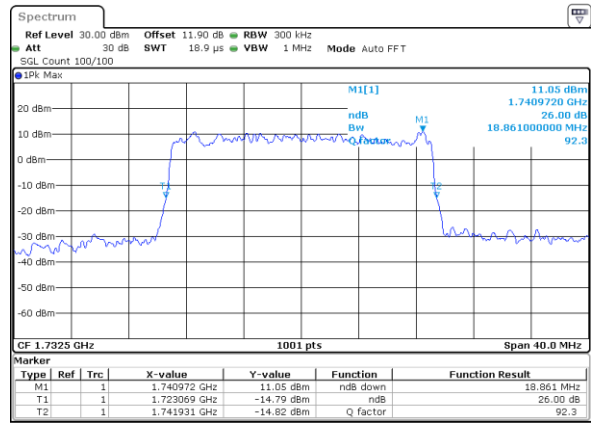
Date: 19.AUG.2020 08:42:59

Middle Channel / 15MHz / 256QAM



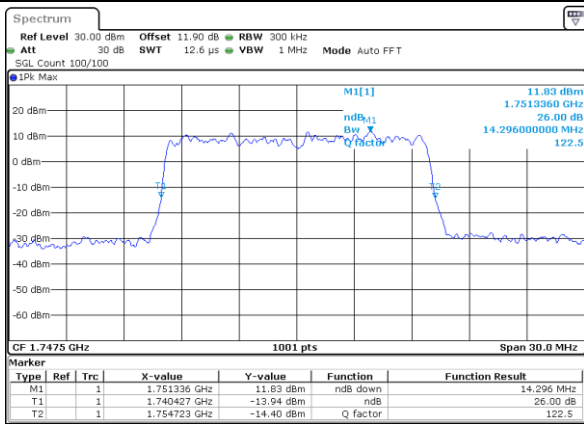
Date: 18.AUG.2020 20:24:58

Middle Channel / 20MHz / 256QAM



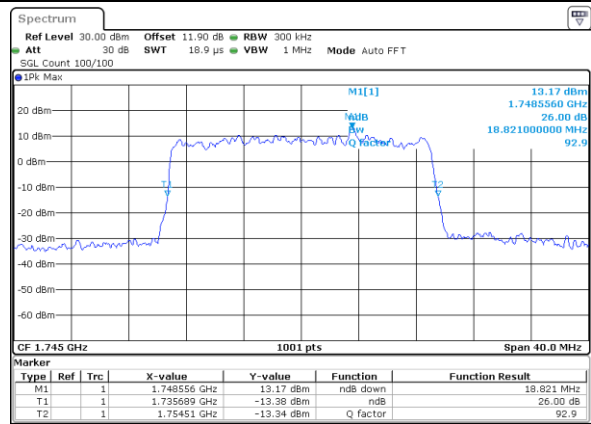
Date: 19.AUG.2020 08:40:59

Highest Channel / 15MHz / 256QAM



Date: 18.AUG.2020 20:29:09

Highest Channel / 20MHz / 256QAM



Date: 19.AUG.2020 08:36:29

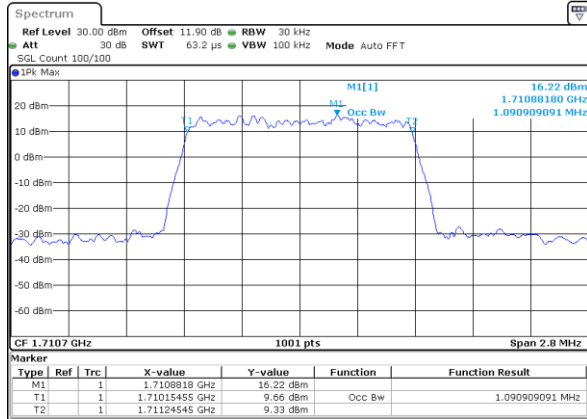
**Occupied Bandwidth**

Mode	LTE Band 4 : 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	2.73	4.48	4.48	9.03	9.01	13.40	13.40	17.90	17.90
Middle CH	1.09	1.09	2.72	2.73	4.49	4.48	9.11	9.01	13.46	13.43	17.86	17.90
Highest CH	1.08	1.09	2.70	2.72	4.51	4.49	9.03	9.05	13.43	13.49	17.94	17.94
Mode	LTE Band 4 : 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	1.08	1.09	2.72	2.74	4.48	4.50	9.05	8.97	13.46	13.43	17.82	17.86
Middle CH	1.09	1.09	2.72	2.71	4.49	4.50	8.95	9.01	13.43	13.40	17.82	17.74
Highest CH	1.09	1.09	2.73	2.72	4.49	4.49	9.03	9.01	13.43	13.46	17.90	17.90

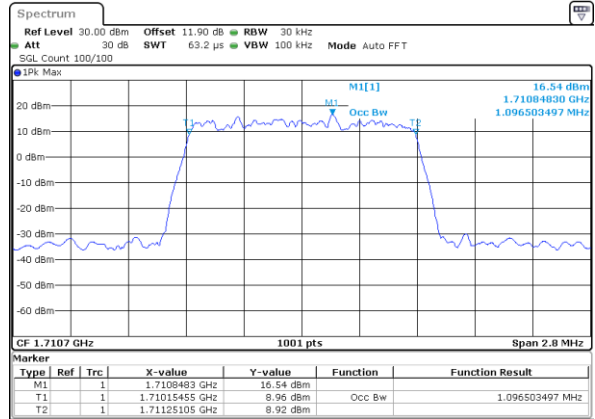


LTE Band 4

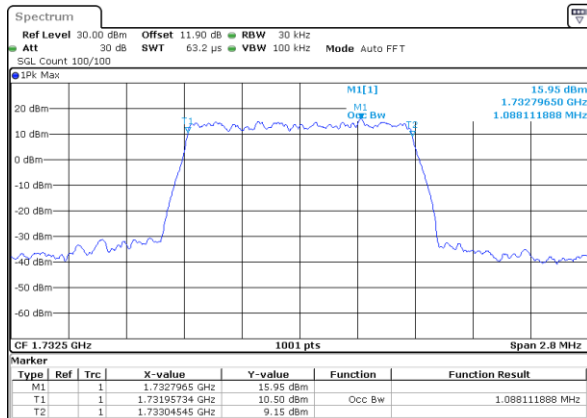
Lowest Channel / 1.4MHz / QPSK



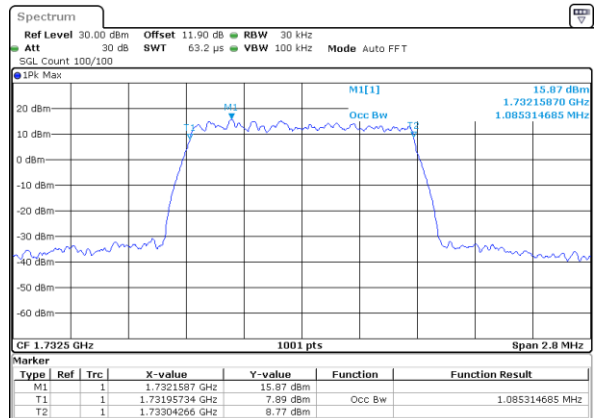
Lowest Channel / 1.4MHz / 16QAM



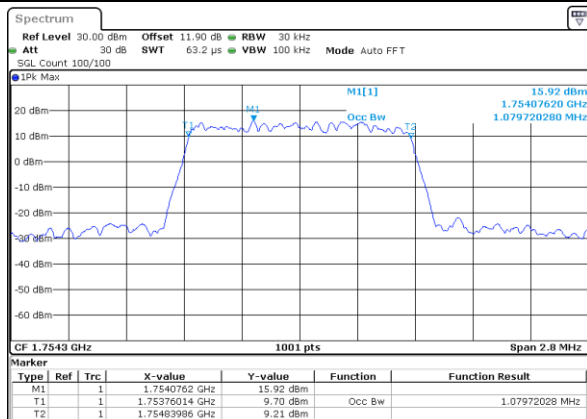
Middle Channel / 1.4MHz / QPSK



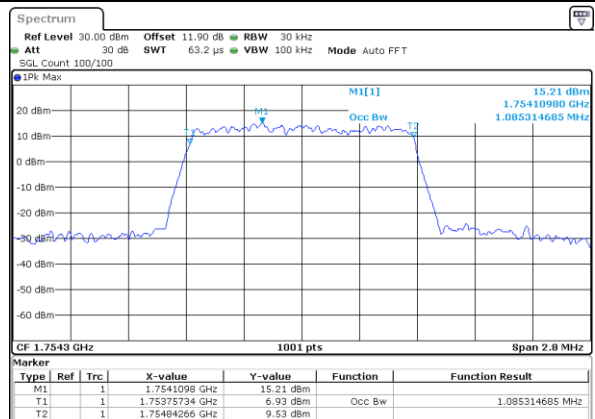
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



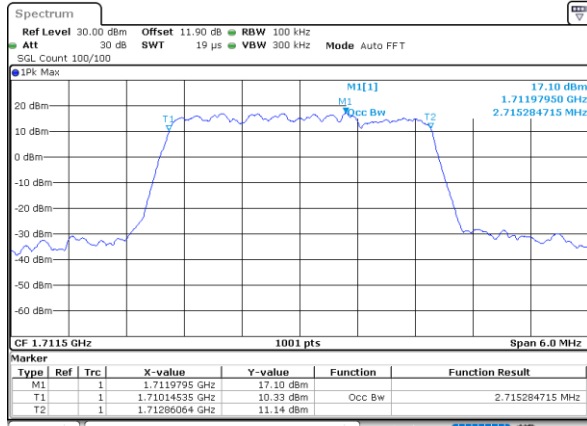
Highest Channel / 1.4MHz / 16QAM





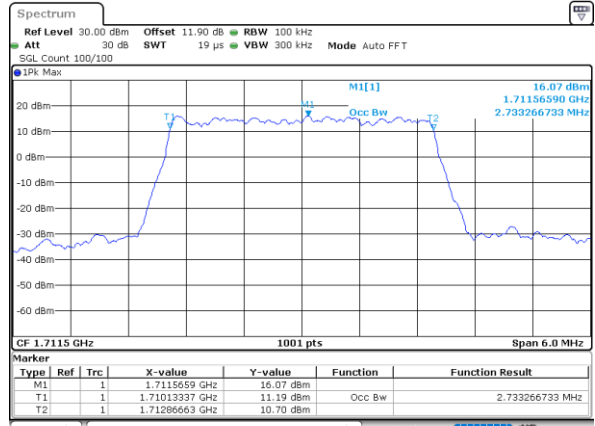
LTE Band 4

Lowest Channel / 3MHz / QPSK



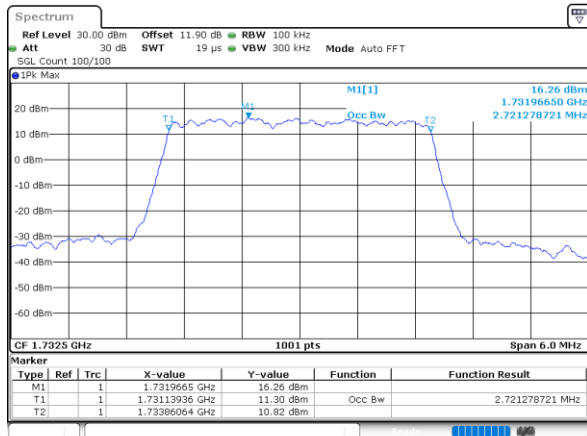
Date: 17.AUG.2020 13:42:20

Lowest Channel / 3MHz / 16QAM



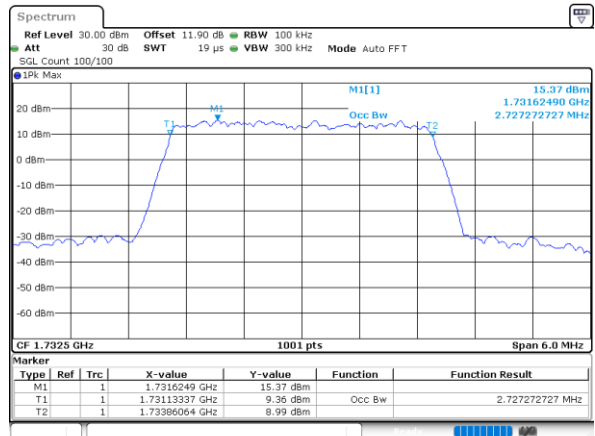
Date: 17.AUG.2020 13:42:32

Middle Channel / 3MHz / QPSK



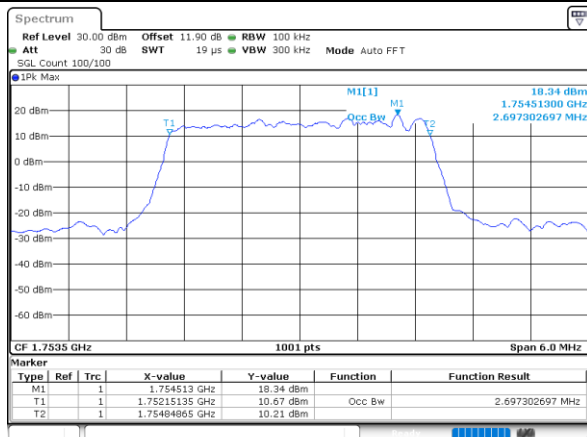
Date: 17.AUG.2020 13:46:47

Middle Channel / 3MHz / 16QAM



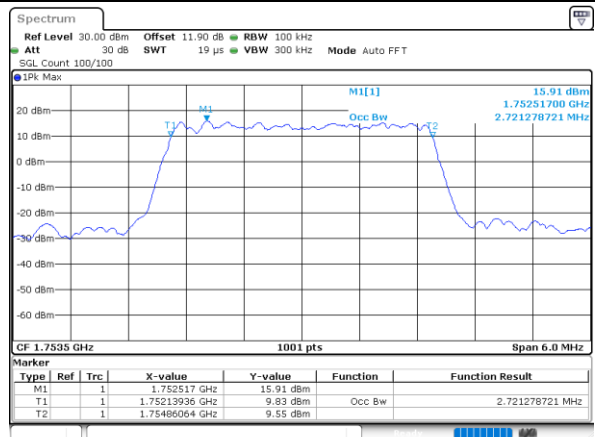
Date: 17.AUG.2020 13:46:58

Highest Channel / 3MHz / QPSK



Date: 17.AUG.2020 13:48:51

Highest Channel / 3MHz / 16QAM

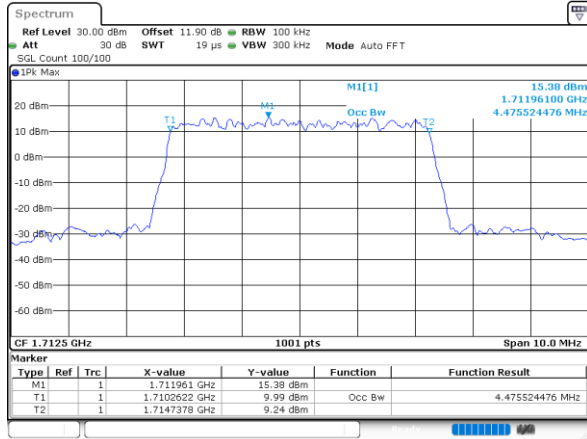


Date: 17.AUG.2020 13:49:03

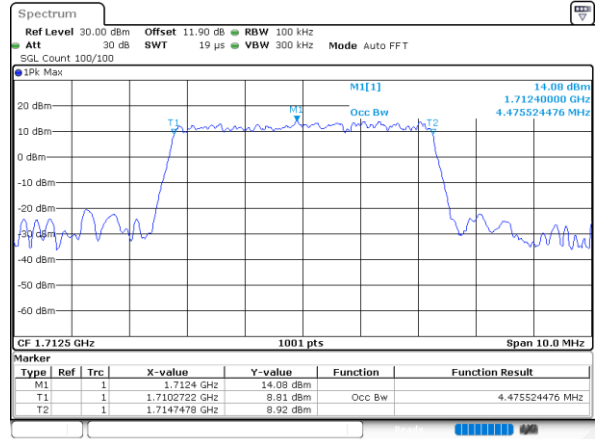


LTE Band 4

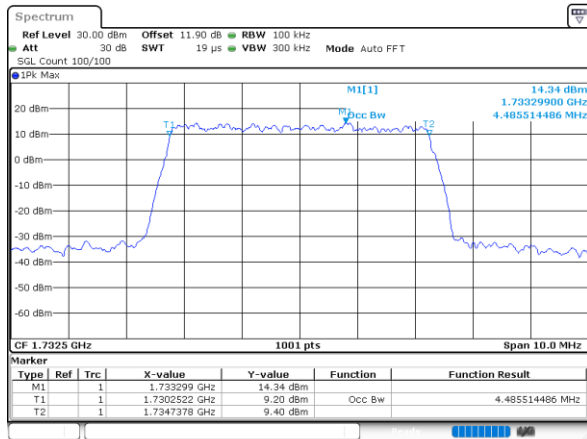
Lowest Channel / 5MHz / QPSK



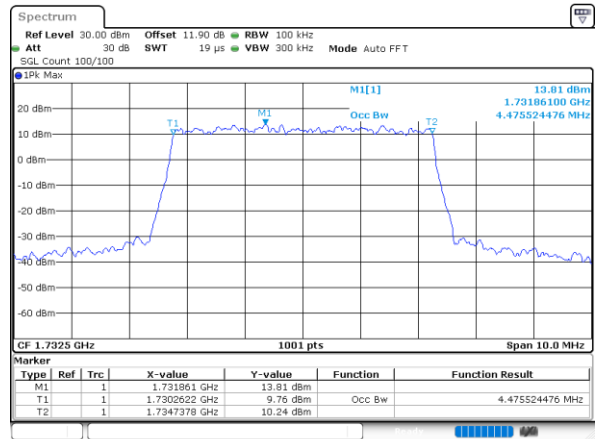
Lowest Channel / 5MHz / 16QAM



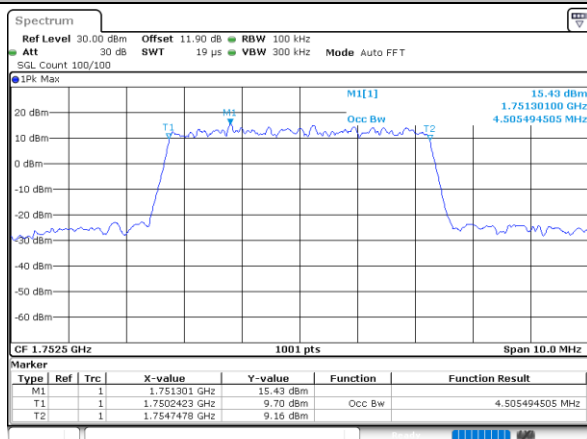
Middle Channel / 5MHz / QPSK



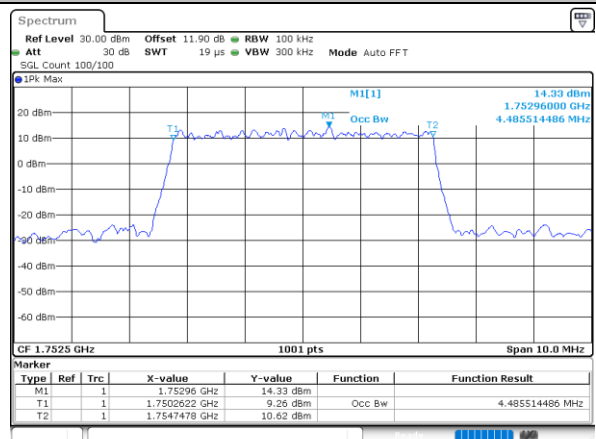
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



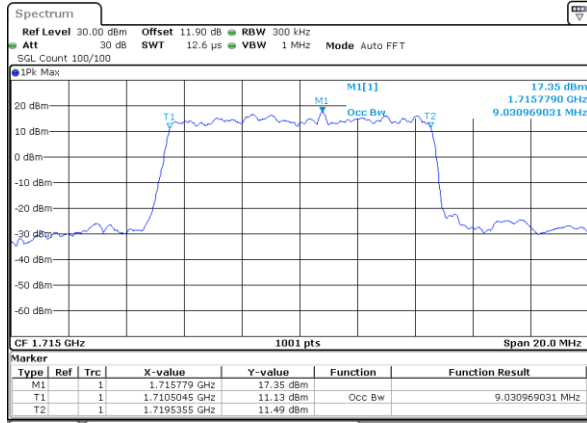
Highest Channel / 5MHz / 16QAM





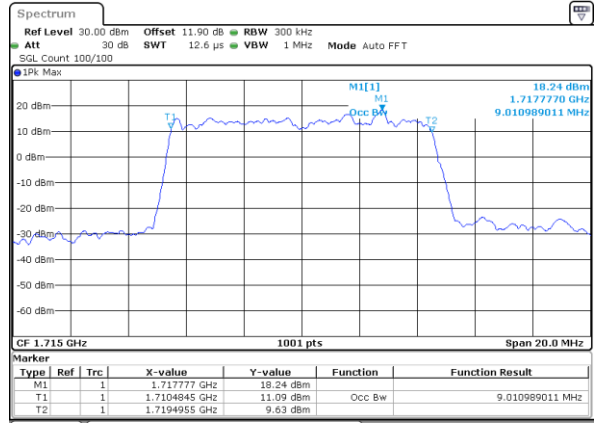
LTE Band 4

Lowest Channel / 10MHz / QPSK



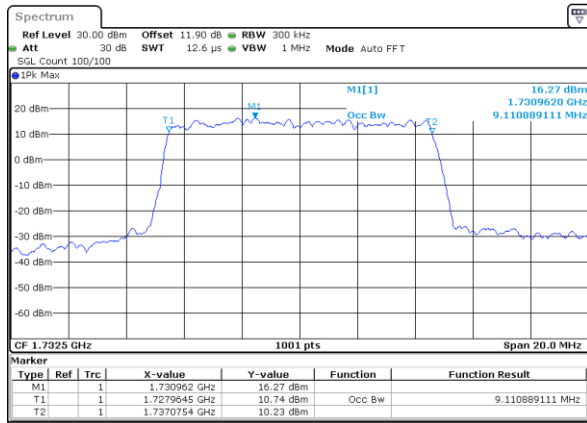
Date: 17.AUG.2020 14:15:16

Lowest Channel / 10MHz / 16QAM



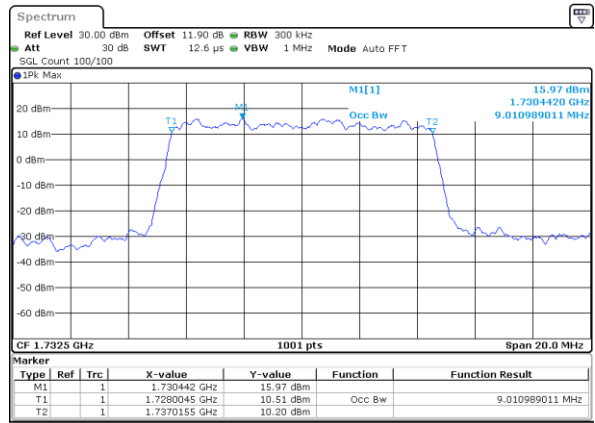
Date: 17.AUG.2020 14:15:28

Middle Channel / 10MHz / QPSK



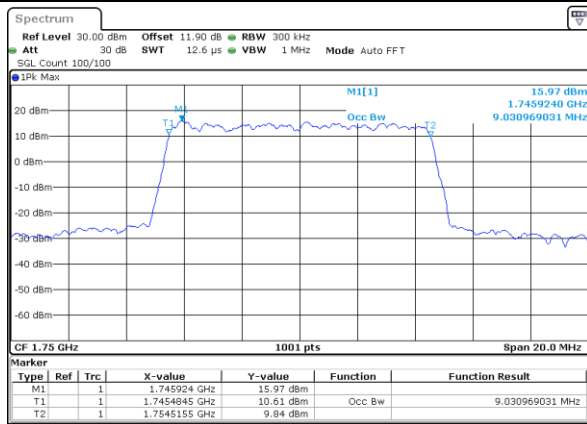
Date: 17.AUG.2020 14:15:43

Middle Channel / 10MHz / 16QAM



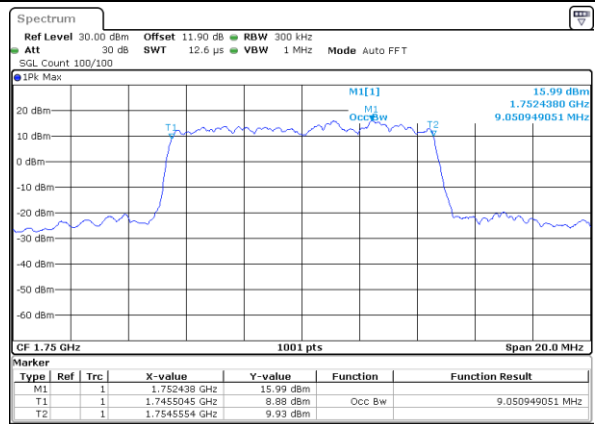
Date: 17.AUG.2020 14:15:54

Highest Channel / 10MHz / QPSK



Date: 17.AUG.2020 14:21:48

Highest Channel / 10MHz / 16QAM

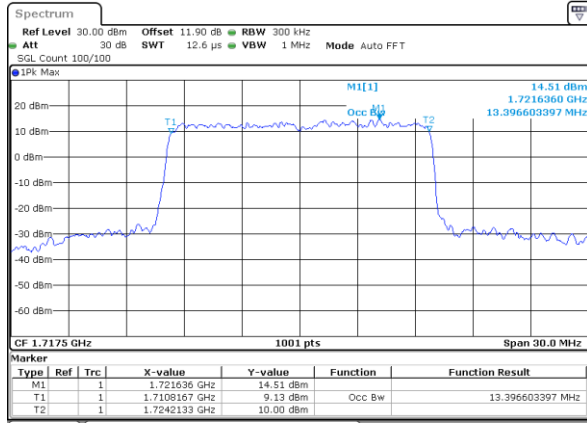


Date: 17.AUG.2020 14:22:00



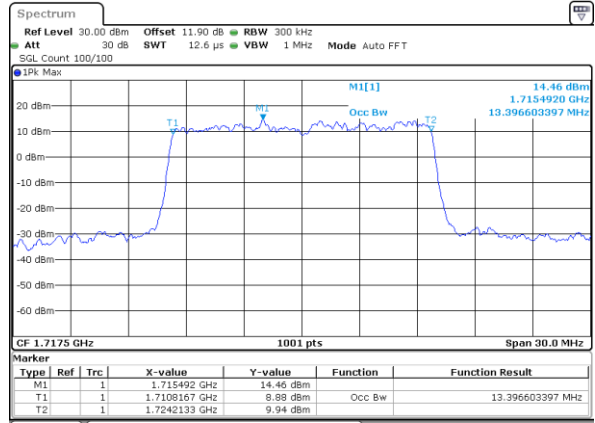
LTE Band 4

Lowest Channel / 15MHz / QPSK



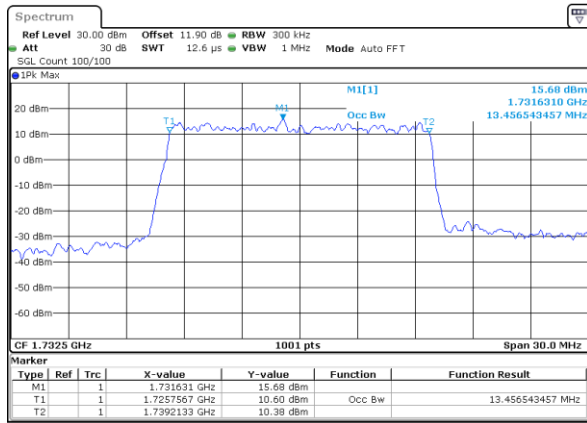
Date: 17.AUG.2020 14:31:45

Lowest Channel / 15MHz / 16QAM



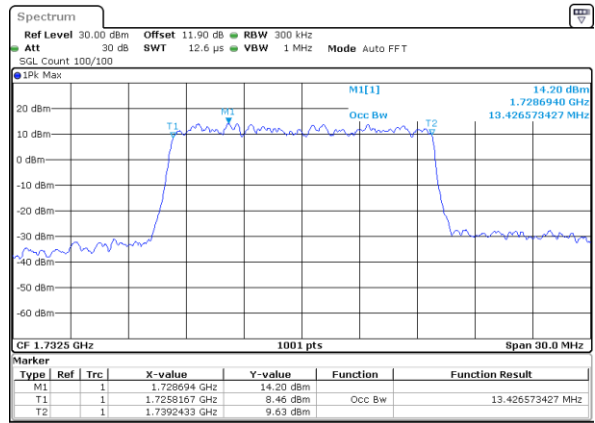
Date: 17.AUG.2020 14:31:56

Middle Channel / 15MHz / QPSK



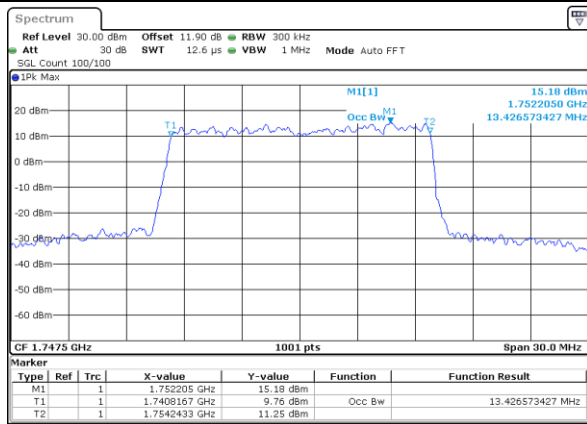
Date: 17.AUG.2020 14:36:12

Middle Channel / 15MHz / 16QAM



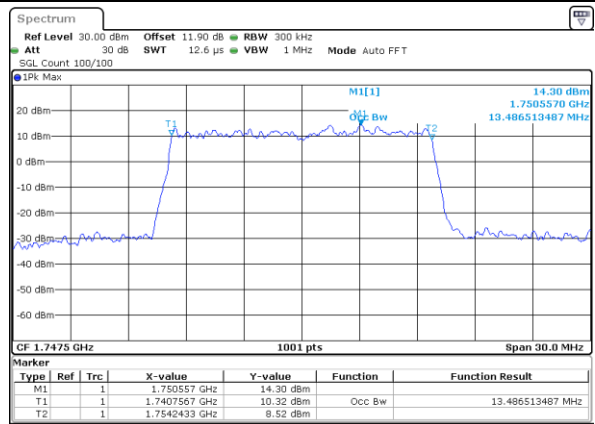
Date: 17.AUG.2020 14:36:23

Highest Channel / 15MHz / QPSK



Date: 17.AUG.2020 14:38:17

Highest Channel / 15MHz / 16QAM

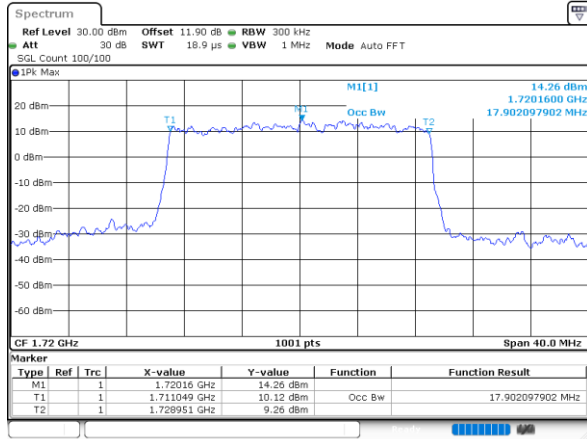


Date: 17.AUG.2020 14:38:28

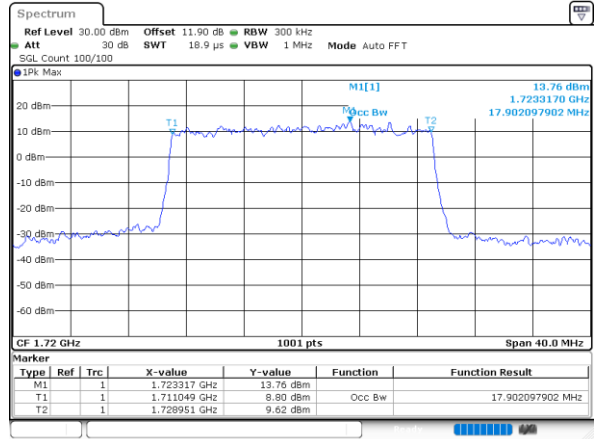


LTE Band 4

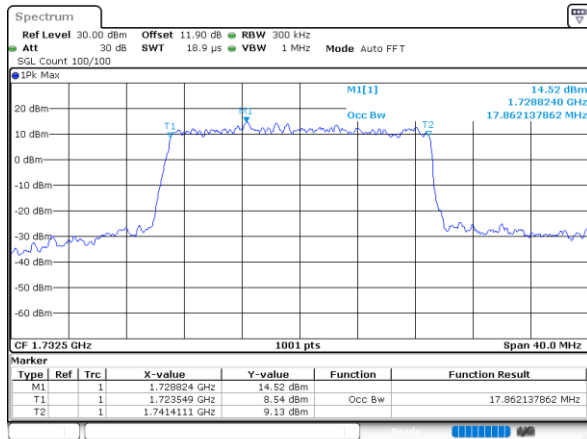
Lowest Channel / 20MHz / QPSK



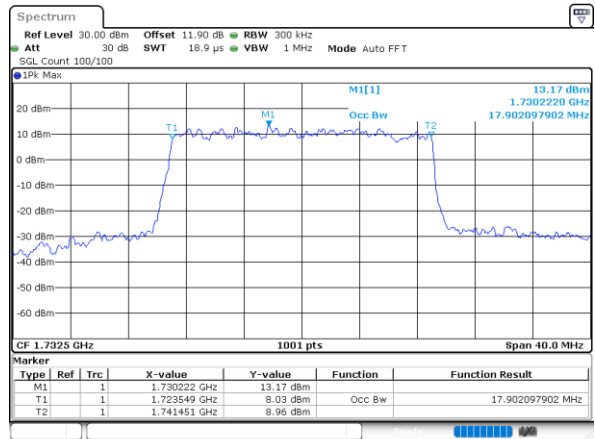
Lowest Channel / 20MHz / 16QAM



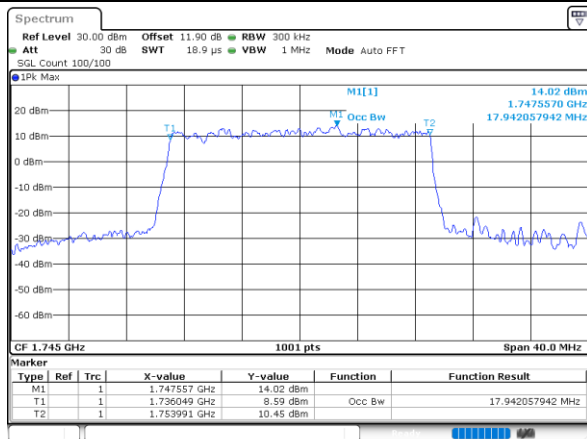
Middle Channel / 20MHz / QPSK



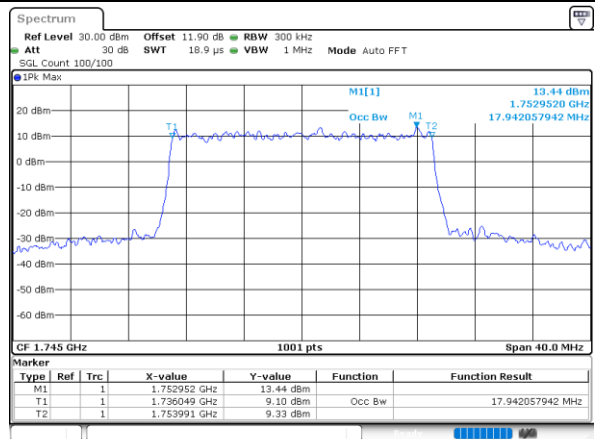
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



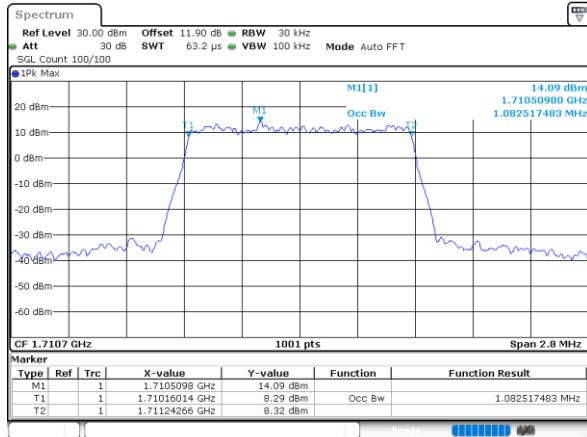
Highest Channel / 20MHz / 16QAM



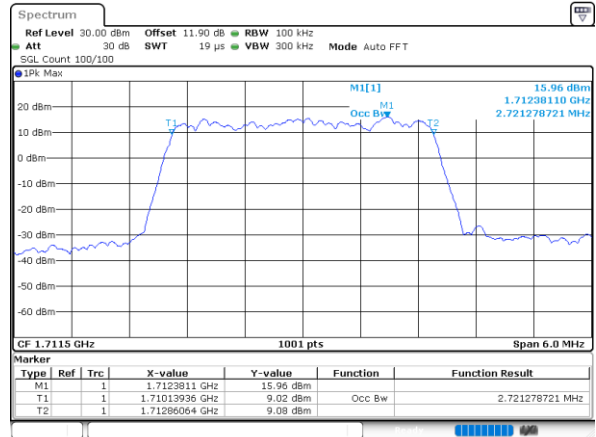


LTE Band 4

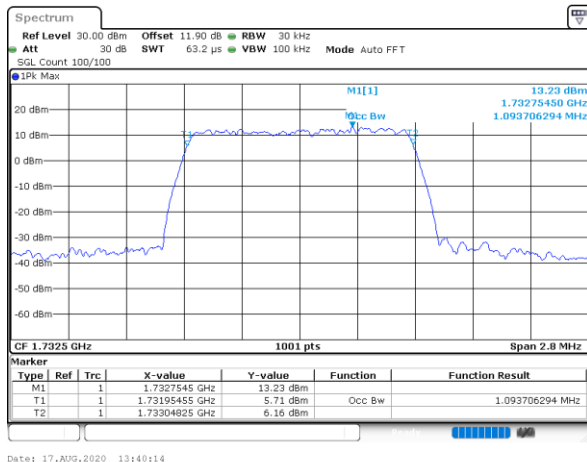
Lowest Channel / 1.4MHz / 64QAM



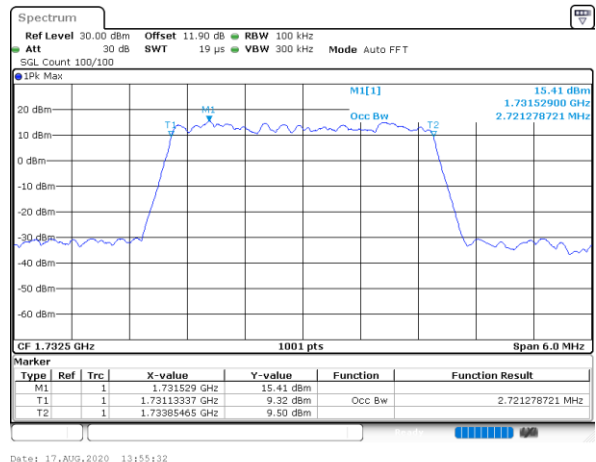
Lowest Channel / 3MHz / 64QAM



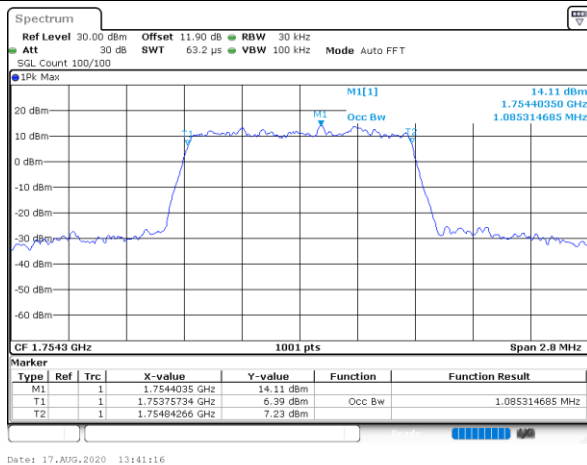
Middle Channel / 1.4MHz / 64QAM



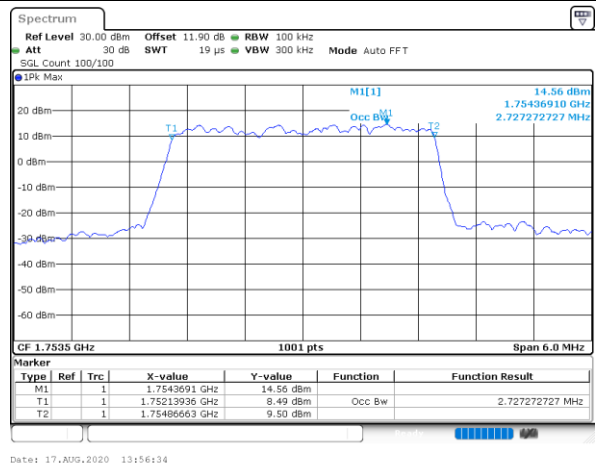
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



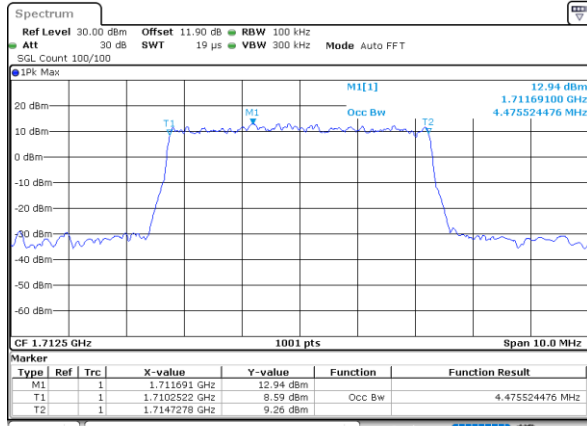
Highest Channel / 3MHz / 64QAM





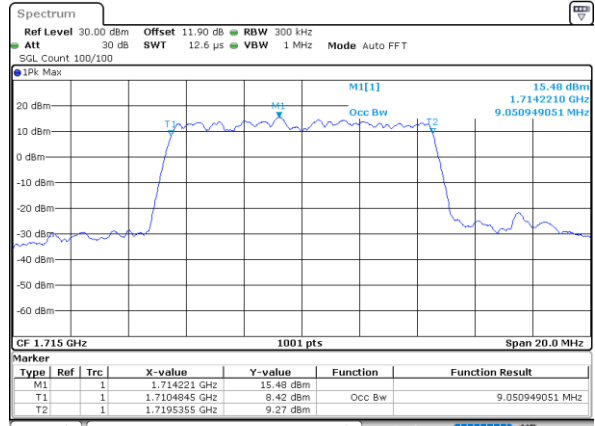
LTE Band 4

Lowest Channel / 5MHz / 64QAM



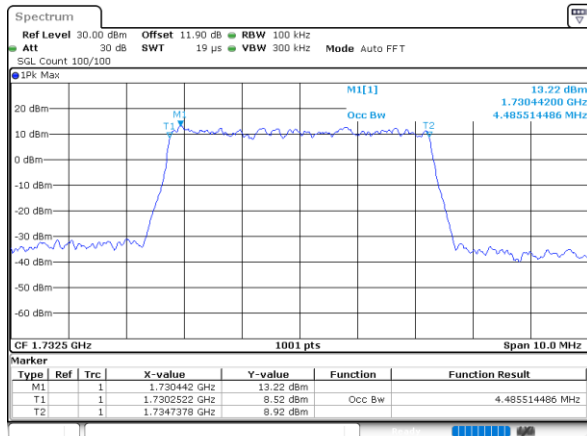
Date: 17.AUG.2020 13:58:40

Lowest Channel / 10MHz / 64QAM



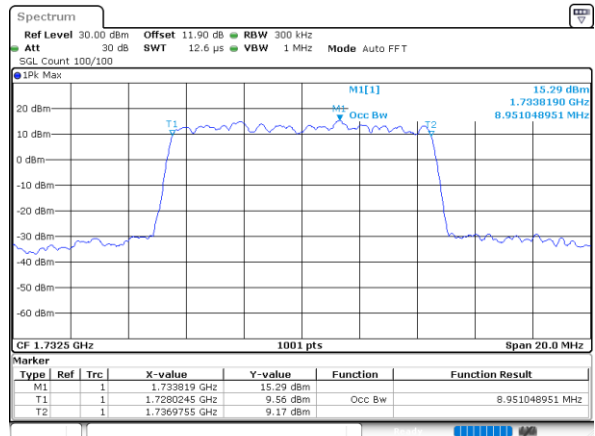
Date: 17.AUG.2020 14:26:15

Middle Channel / 5MHz / 64QAM



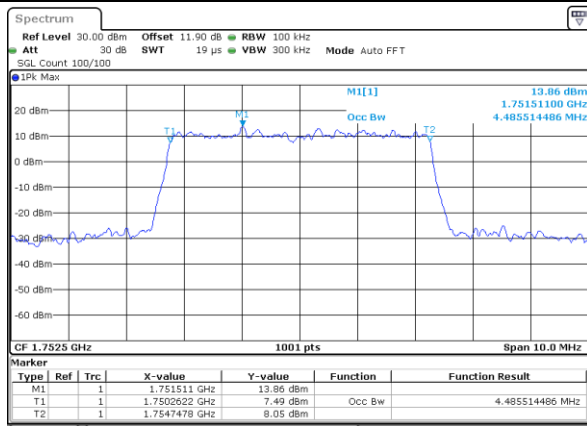
Date: 17.AUG.2020 14:01:01

Middle Channel / 10MHz / 64QAM



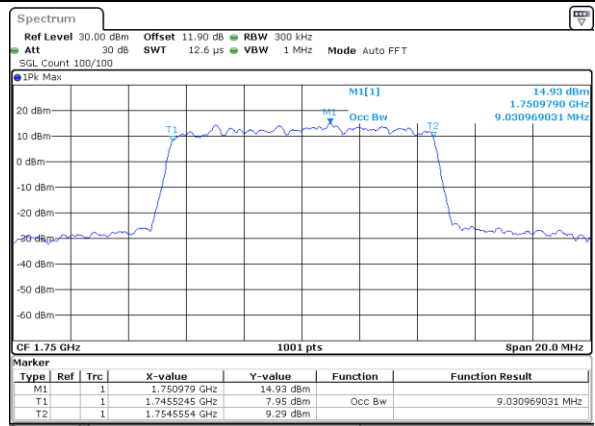
Date: 17.AUG.2020 14:26:28

Highest Channel / 5MHz / 64QAM



Date: 17.AUG.2020 14:02:03

Highest Channel / 10MHz / 64QAM

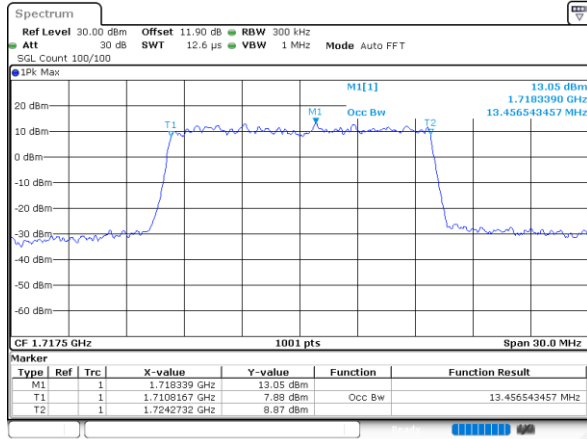


Date: 17.AUG.2020 14:29:31

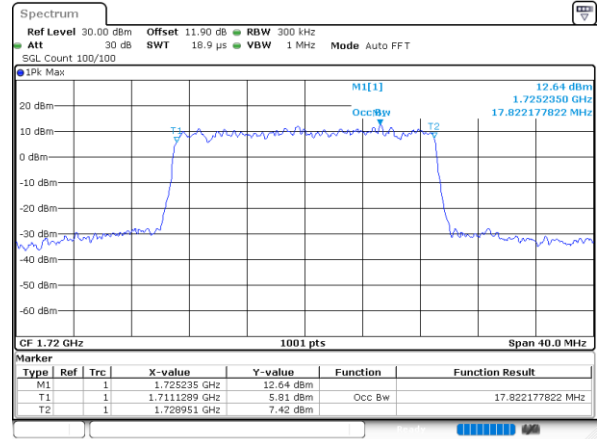


LTE Band 4

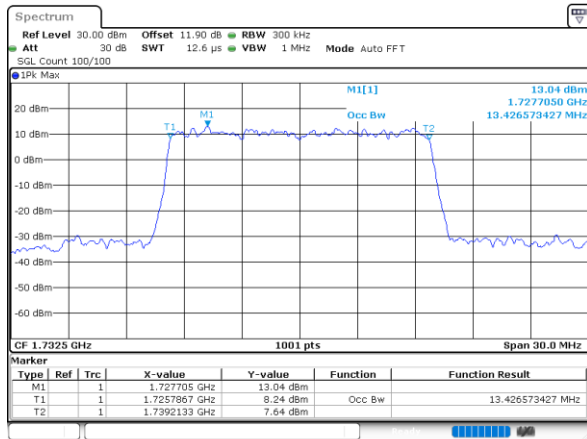
Lowest Channel / 15MHz / 64QAM



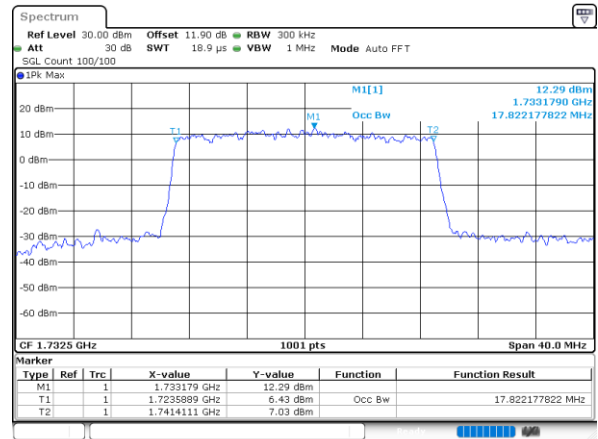
Lowest Channel / 20MHz / 64QAM



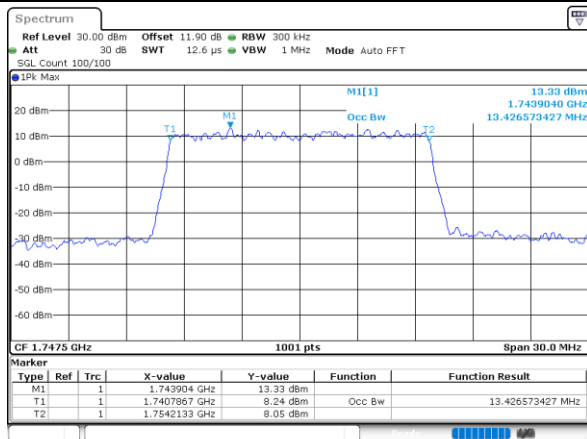
Middle Channel / 15MHz / 64QAM



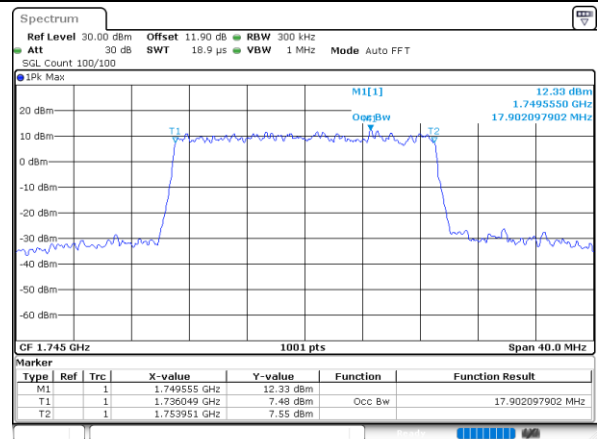
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



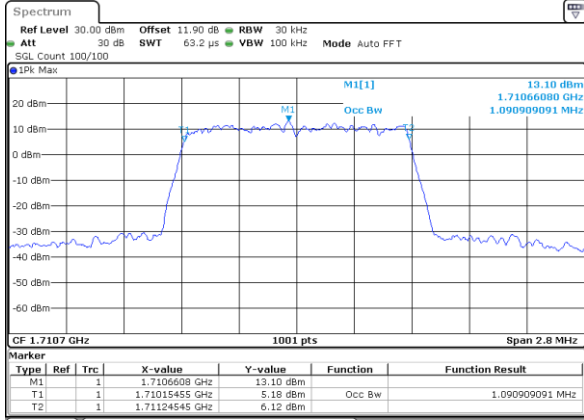
Highest Channel / 20MHz / 64QAM



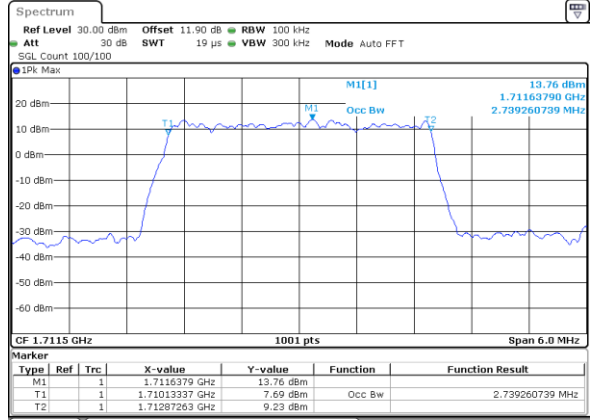


LTE Band 4

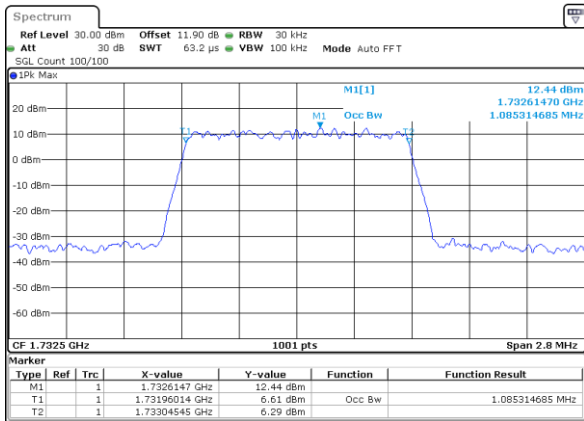
Lowest Channel / 1.4MHz / 256QAM



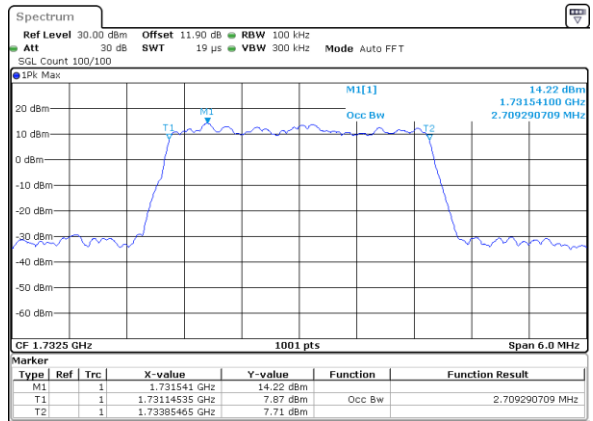
Lowest Channel / 3MHz / 256QAM



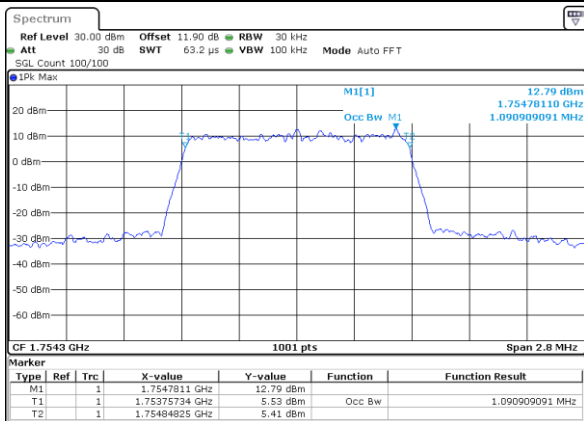
Middle Channel / 1.4MHz / 256QAM



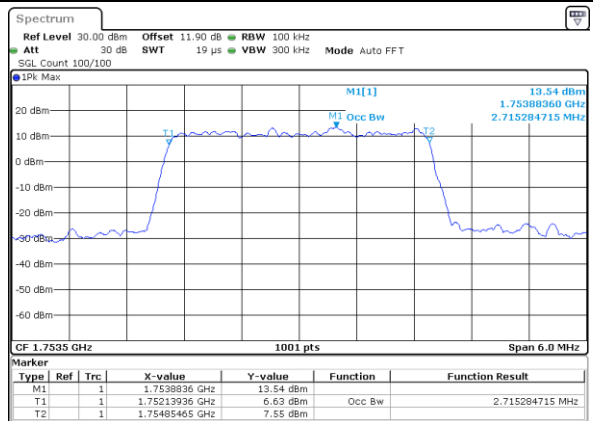
Middle Channel / 3MHz / 256QAM



Highest Channel / 1.4MHz / 256QAM



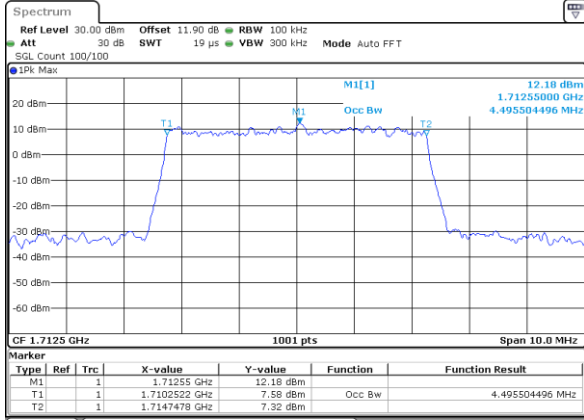
Highest Channel / 3MHz / 256QAM





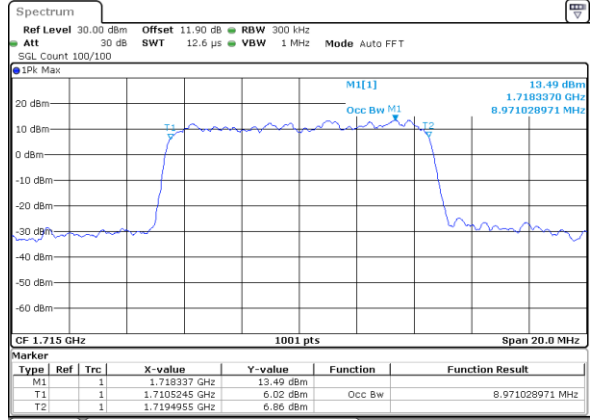
LTE Band 4

Lowest Channel / 5MHz / 256QAM



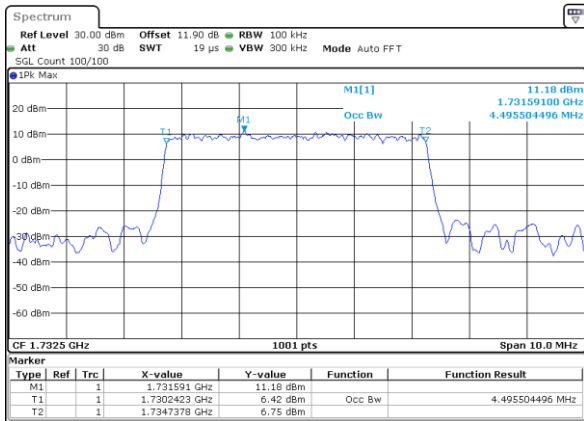
Date: 18.AUG.2020 20:02:18

Lowest Channel / 10MHz / 256QAM



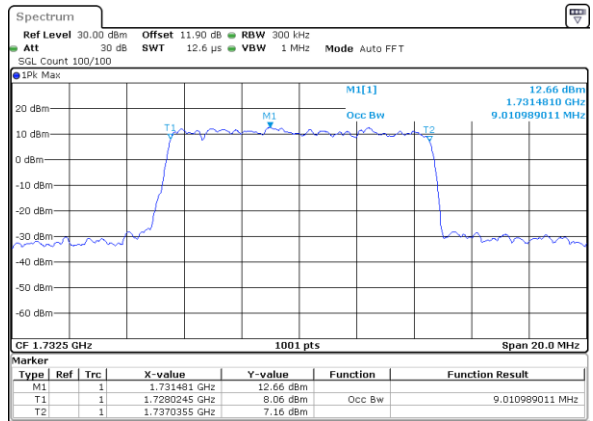
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Middle Channel / 5MHz / 256QAM



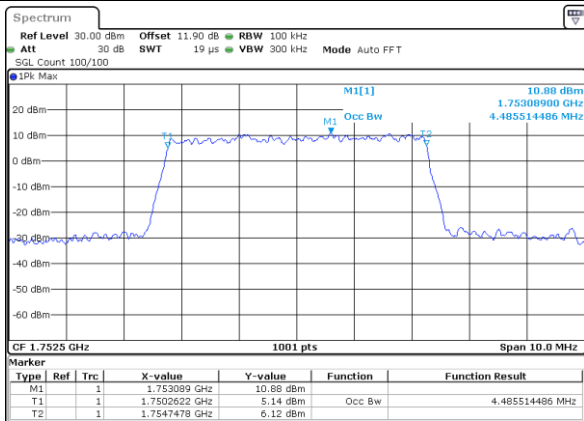
Date: 18.AUG.2020 20:08:44

Middle Channel / 10MHz / 256QAM



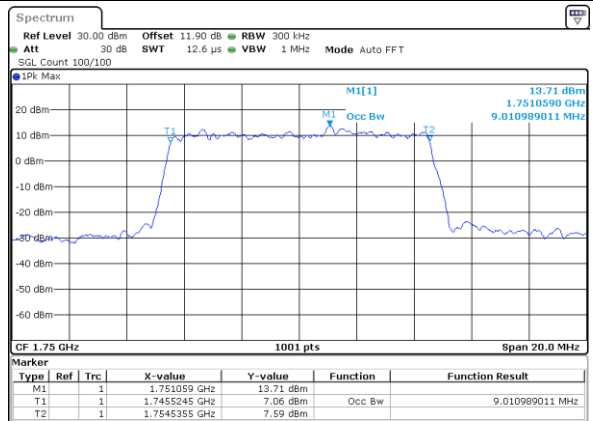
Date: 18.AUG.2020 20:18:49

Highest Channel / 5MHz / 256QAM



Date: 18.AUG.2020 20:15:59

Highest Channel / 10MHz / 256QAM

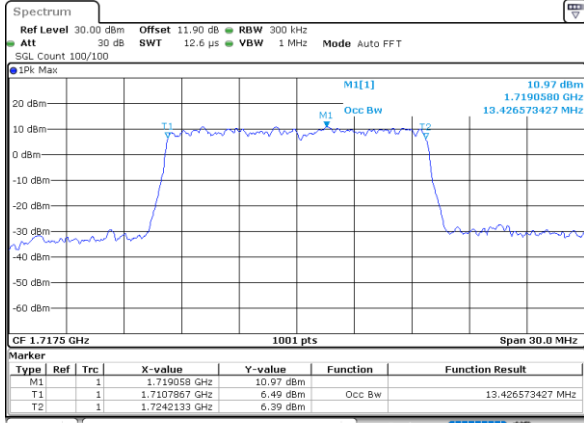


Date: 18.AUG.2020 20:22:22

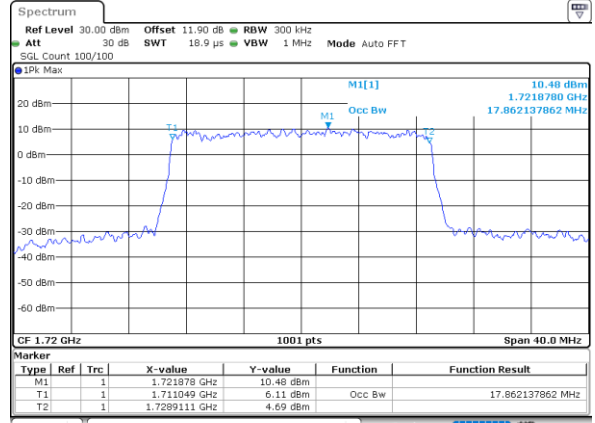


LTE Band 4

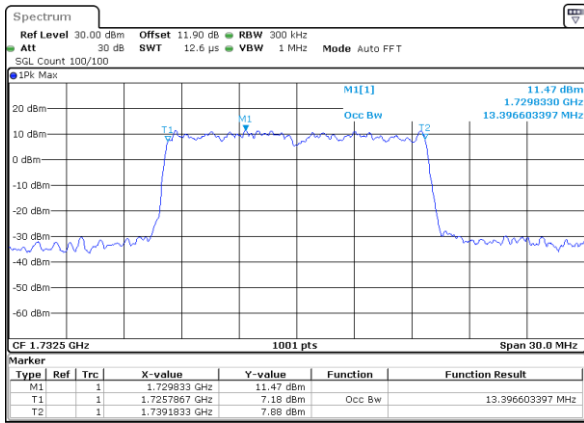
Lowest Channel / 15MHz / 256QAM



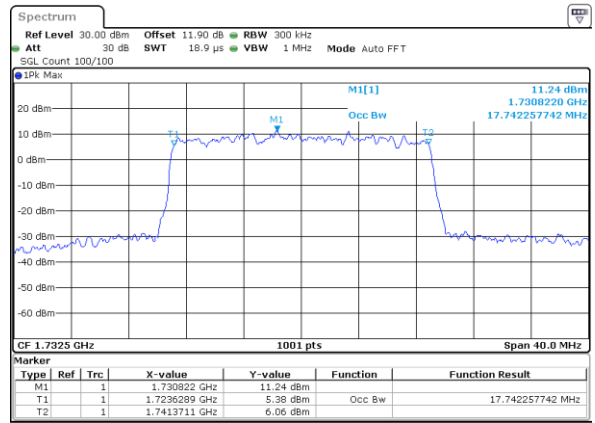
Lowest Channel / 20MHz / 256QAM



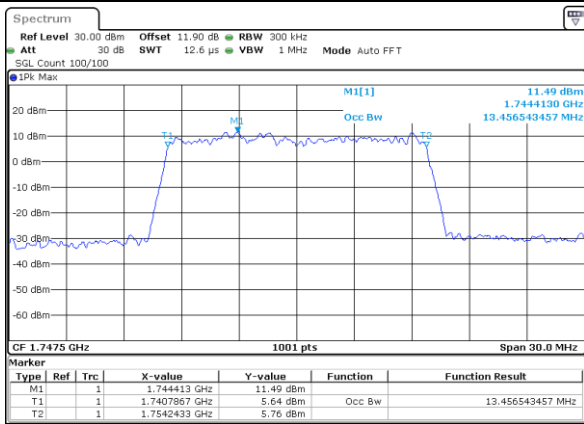
Middle Channel / 15MHz / 256QAM



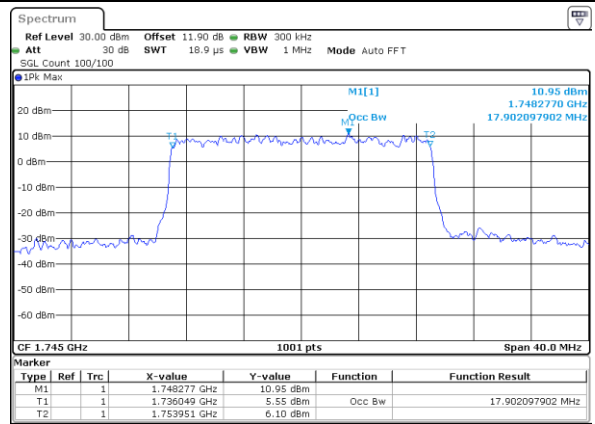
Middle Channel / 20MHz / 256QAM

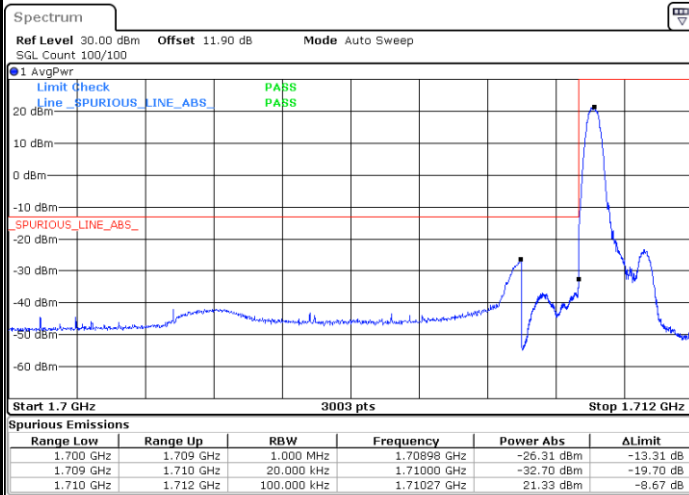
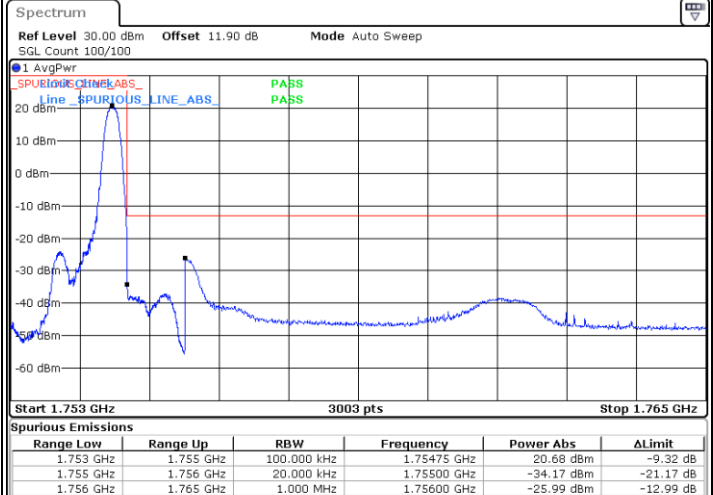
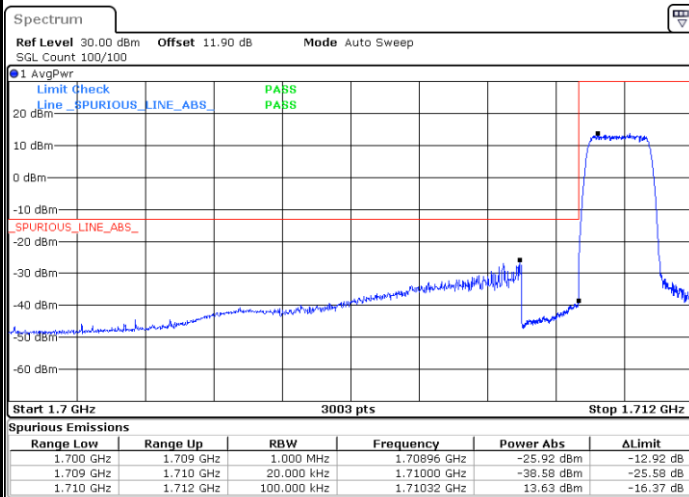
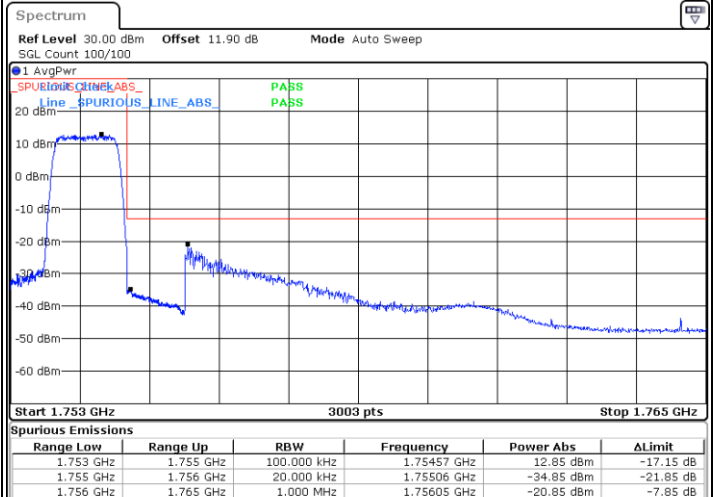


Highest Channel / 15MHz / 256QAM



Highest Channel / 20MHz / 256QAM

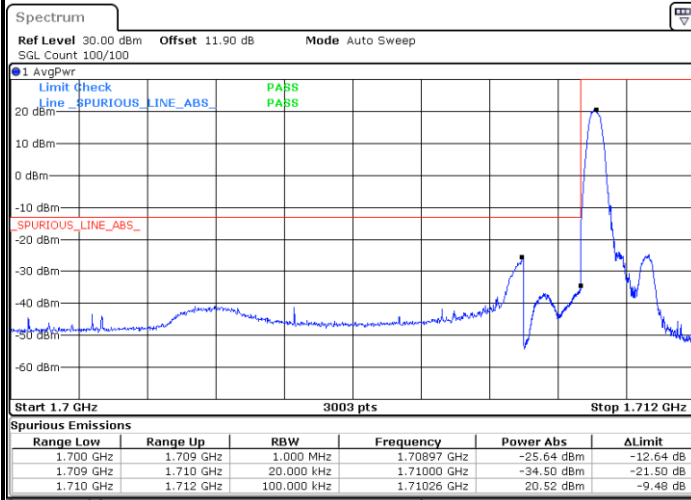


**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

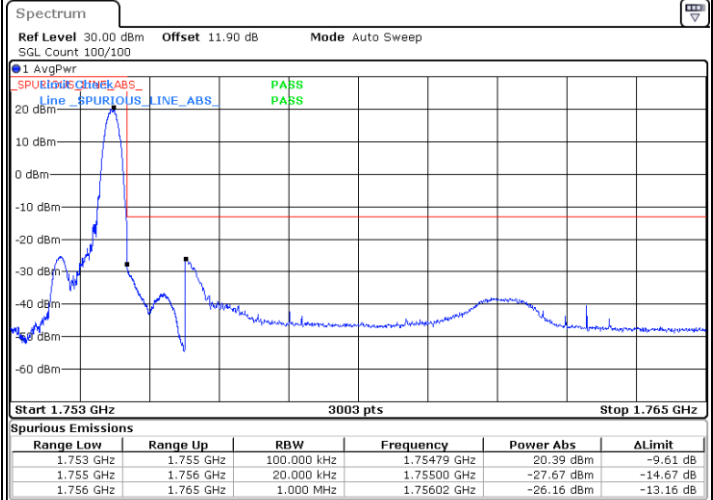


LTE Band 4 / 1.4MHz / 16QAM

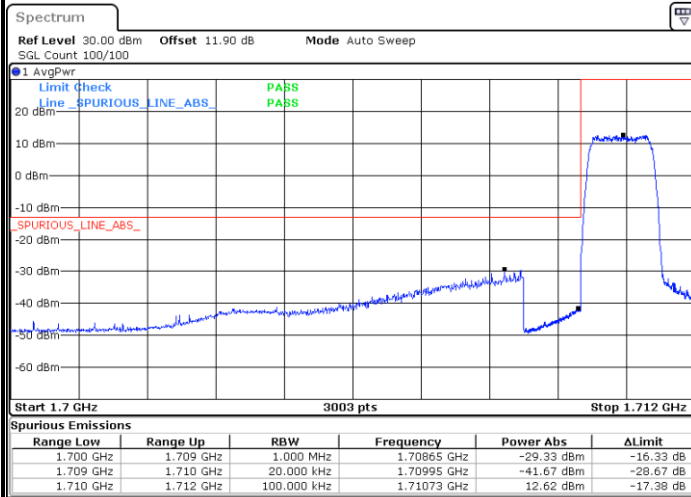
Lowest Band Edge / 1 RB



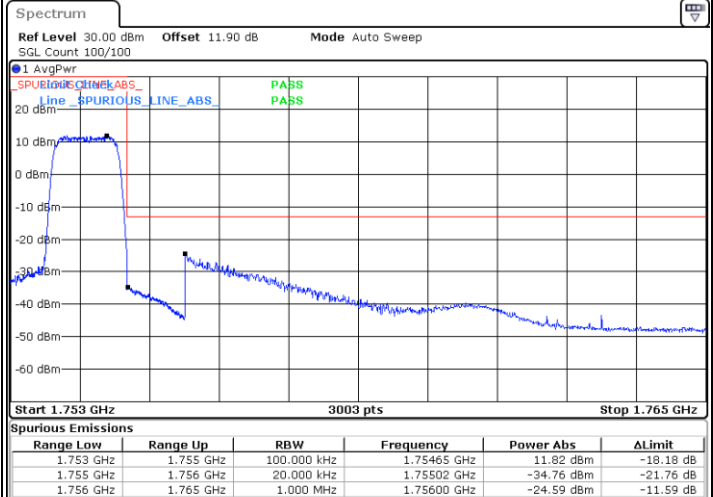
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



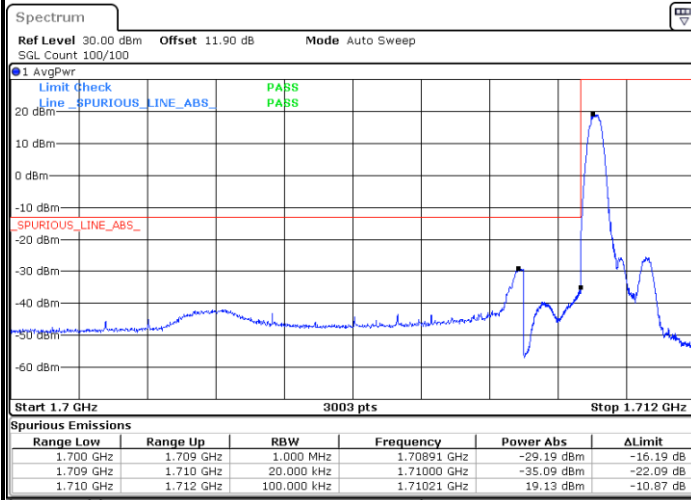
Highest Band Edge / Full RB





LTE Band 4 / 1.4MHz / 64QAM

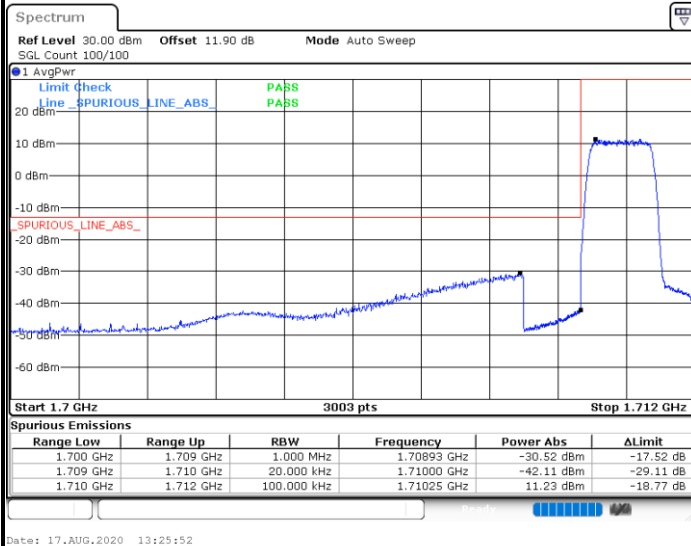
Lowest Band Edge / 1 RB



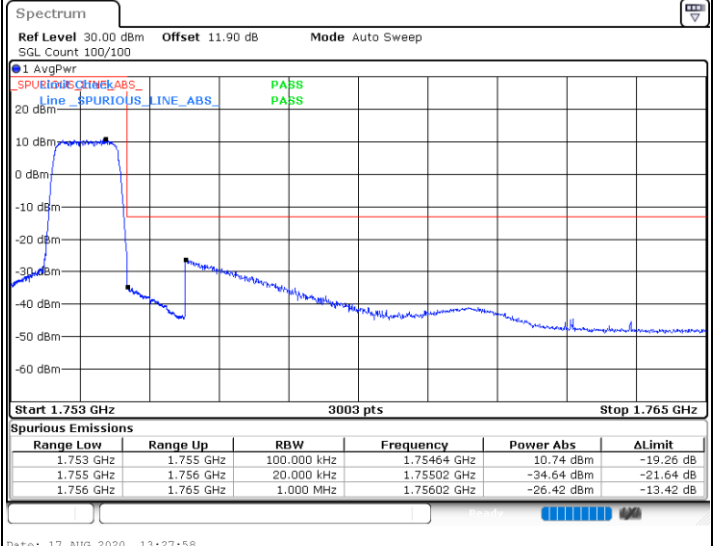
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



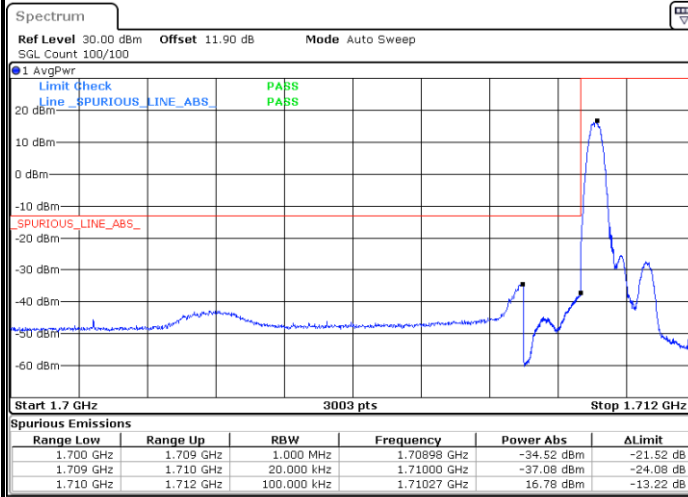
Highest Band Edge / Full RB



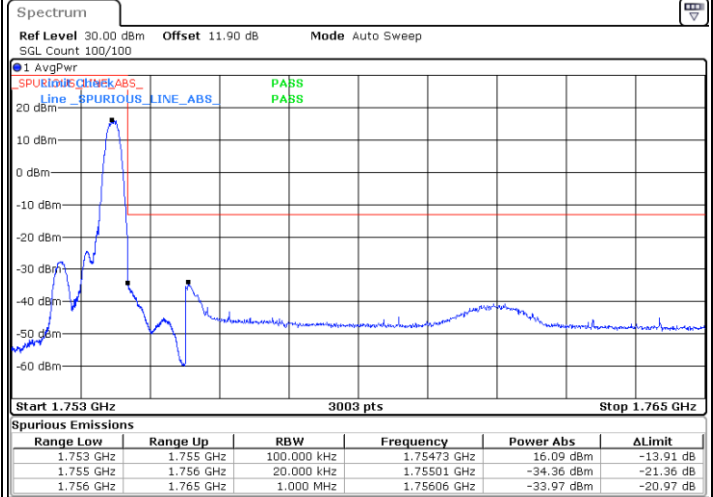


LTE Band 4 / 1.4MHz / 256QAM

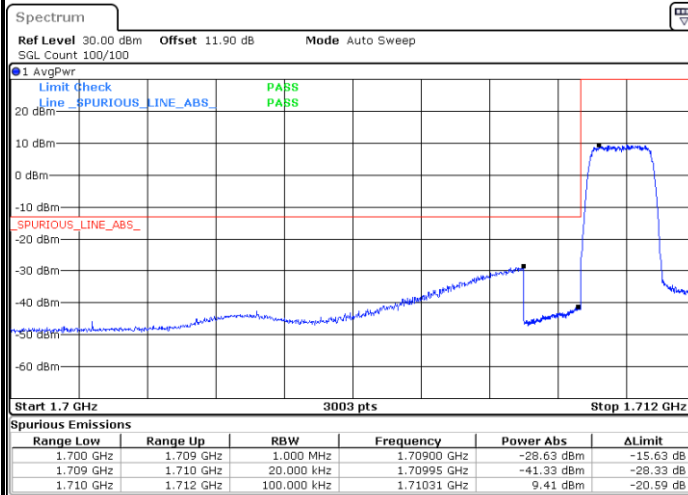
Lowest Band Edge / 1 RB



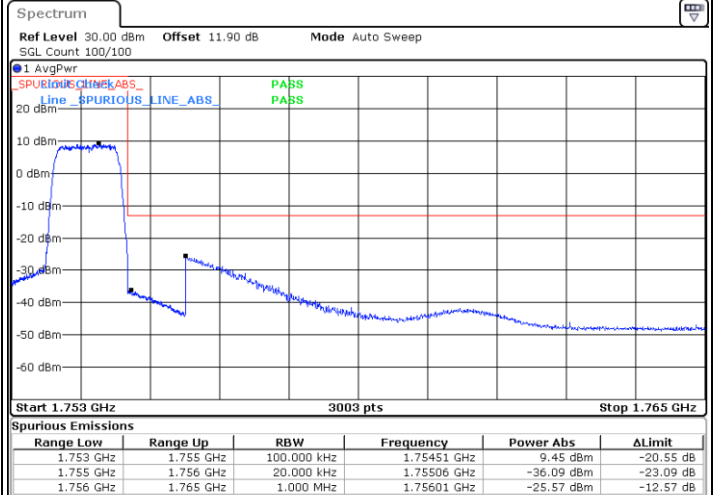
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



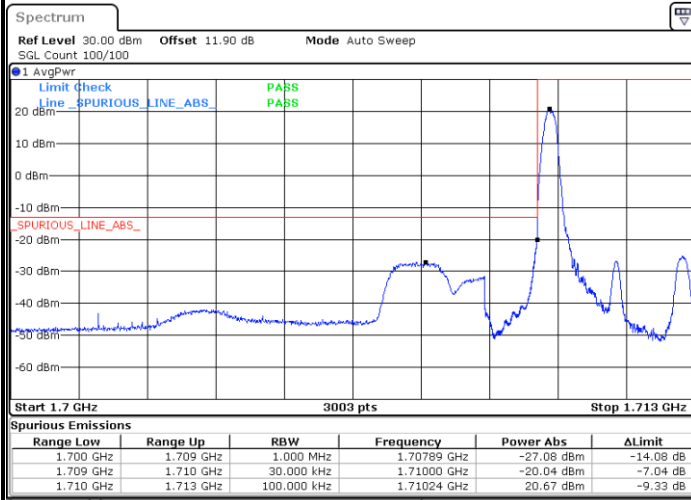
Highest Band Edge / Full RB





LTE Band 4 / 3MHz / QPSK

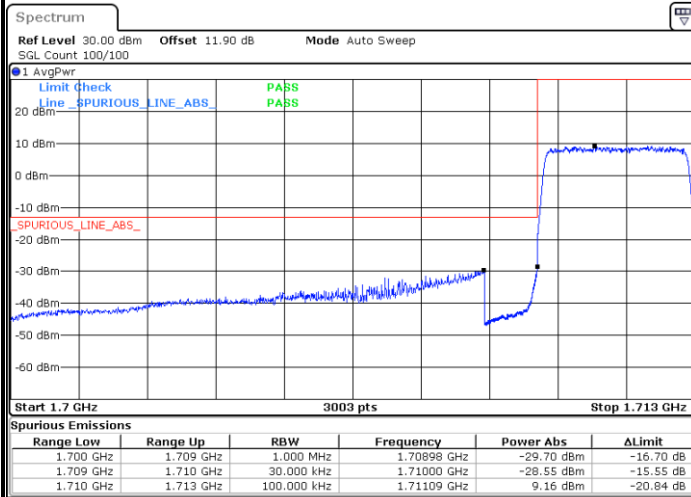
Lowest Band Edge / 1RB



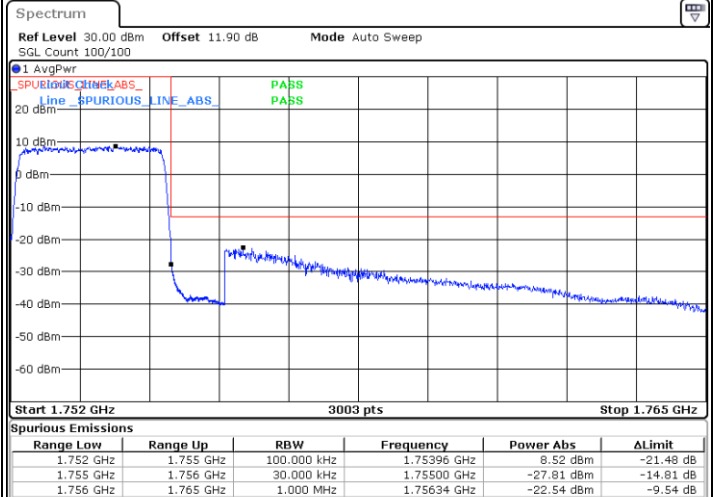
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



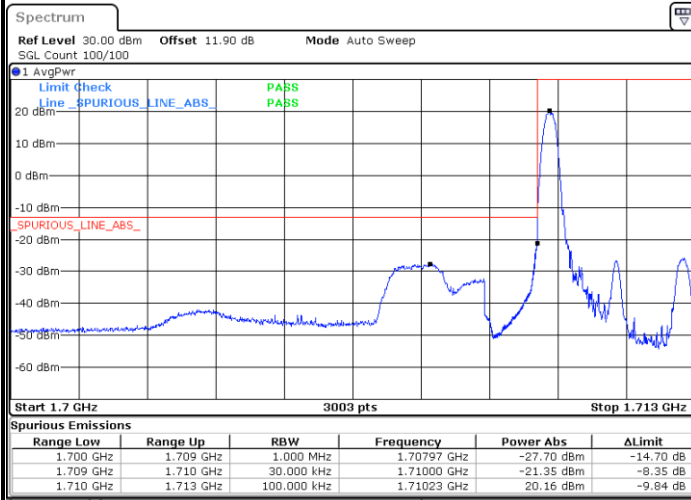
Highest Band Edge / Full RB



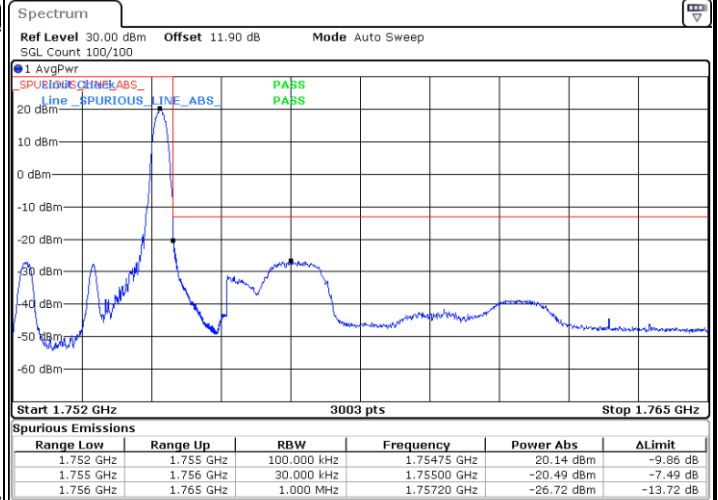


LTE Band 4 / 3MHz / 16QAM

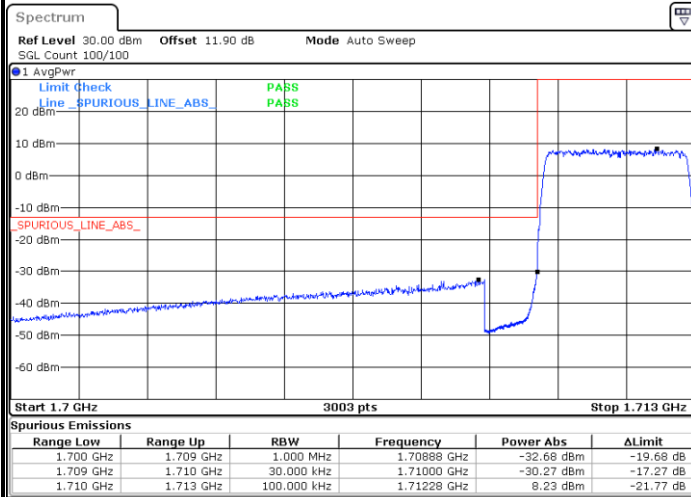
Lowest Band Edge / 1 RB



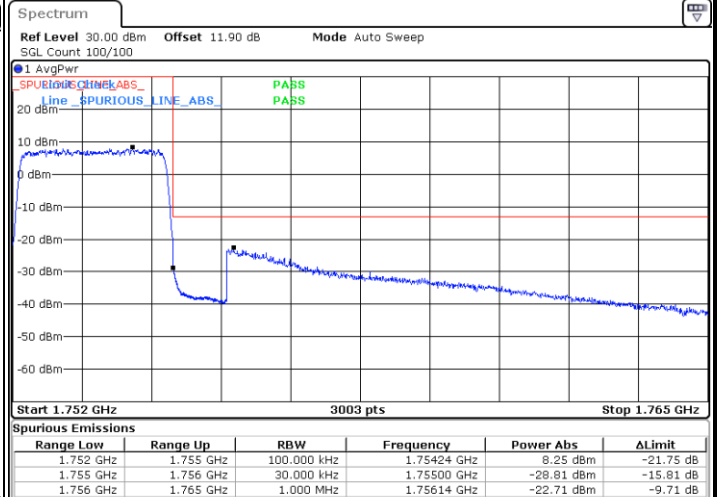
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



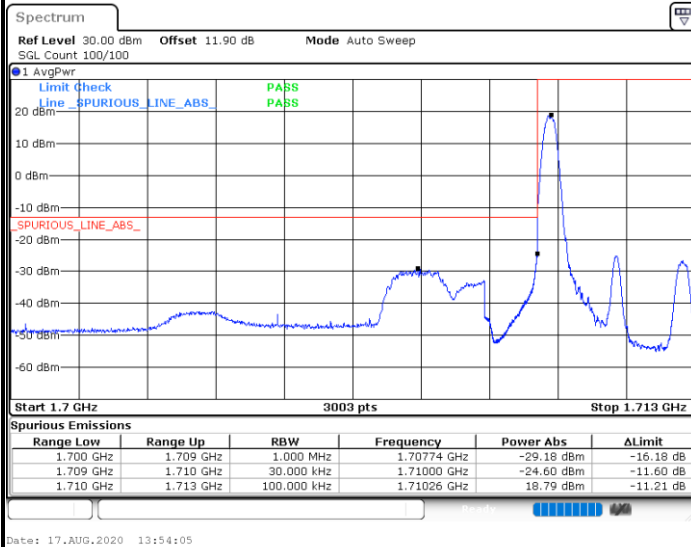
Highest Band Edge / Full RB



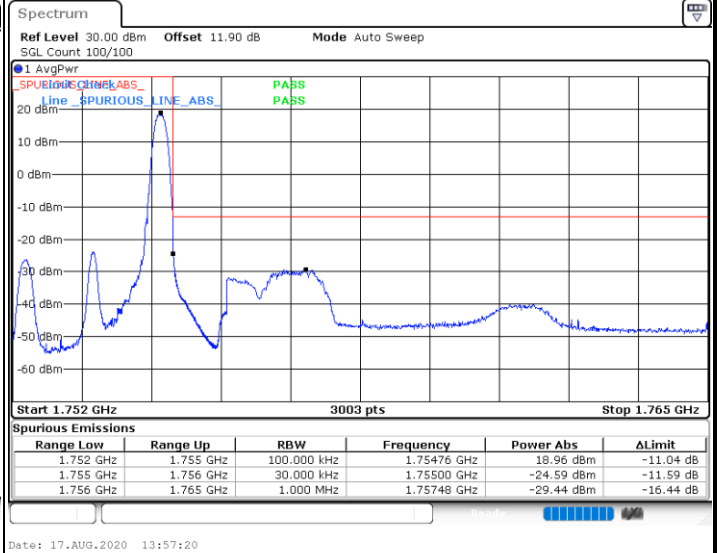


LTE Band 4 / 3MHz / 64QAM

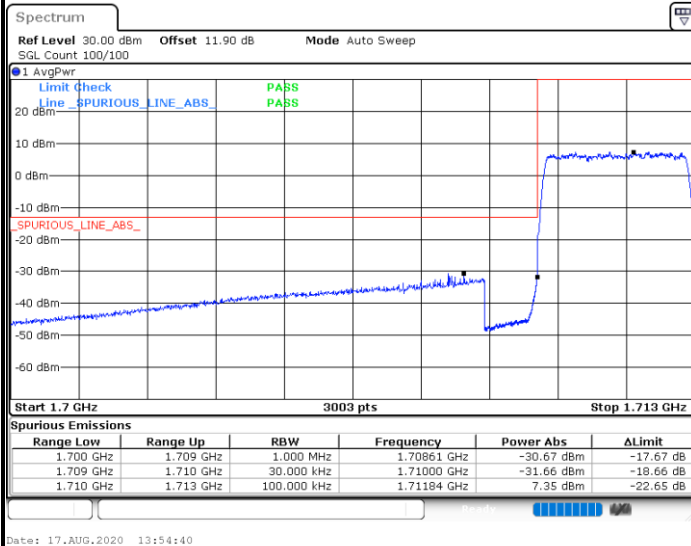
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

