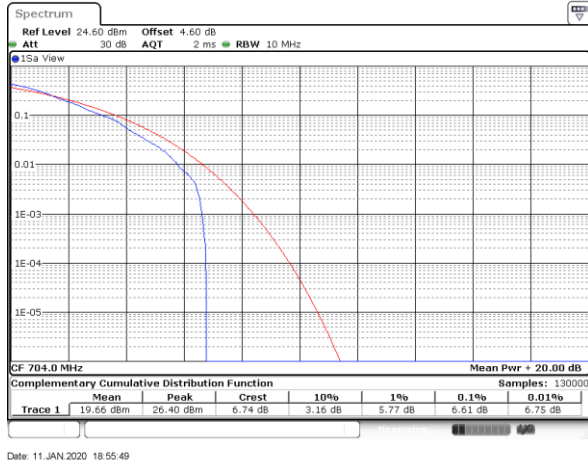
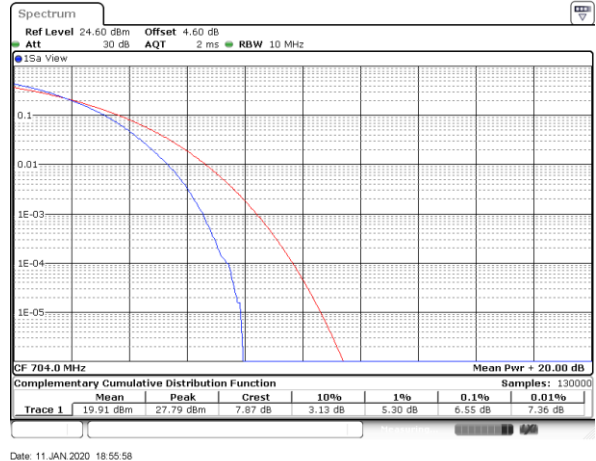
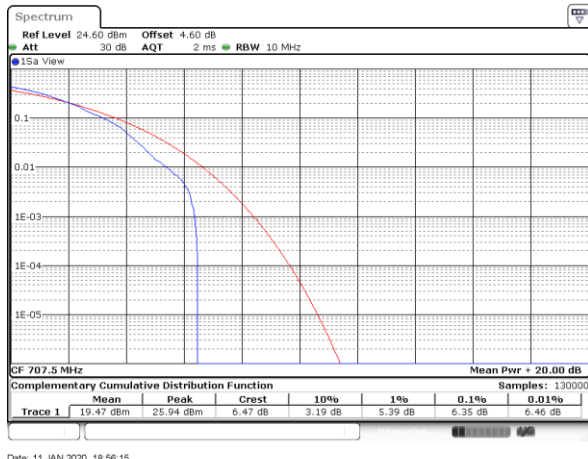


LTE Band 12 / 10MHz / 64QAM
Lowest Channel / 1RB


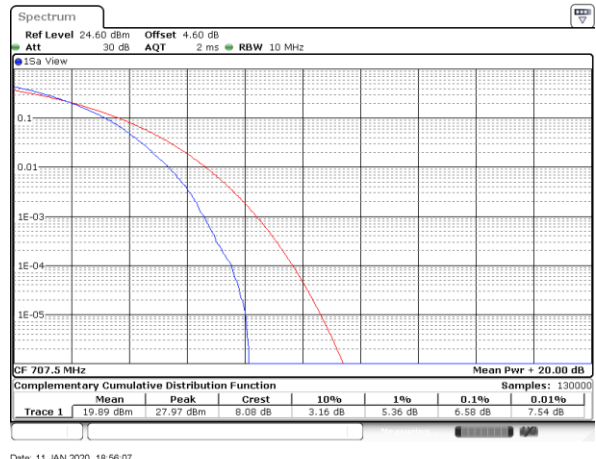
Date: 11 JAN 2020 18:55:49

Lowest Channel / Full RB


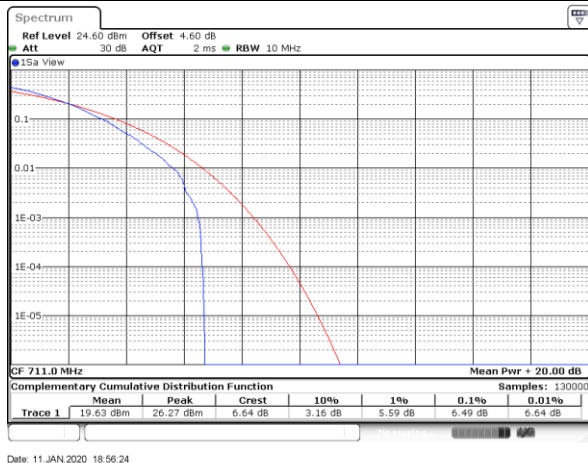
Date: 11 JAN 2020 18:55:58

Middle Channel / 1RB


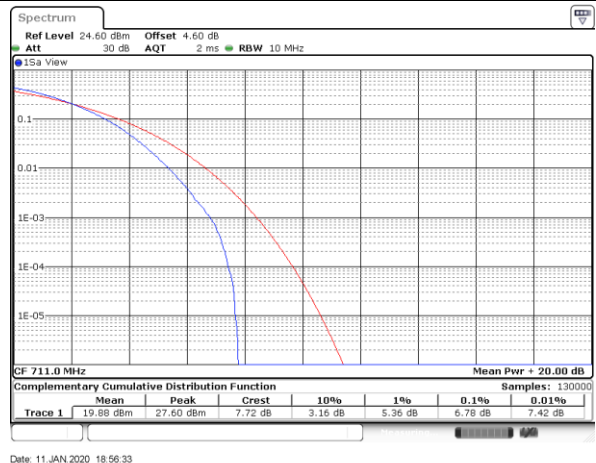
Date: 11 JAN 2020 18:56:15

Middle Channel / Full RB


Date: 11 JAN 2020 18:56:07

Highest Channel / 1RB


Date: 11 JAN 2020 18:56:24

Highest Channel / Full RB


Date: 11 JAN 2020 18:56:33



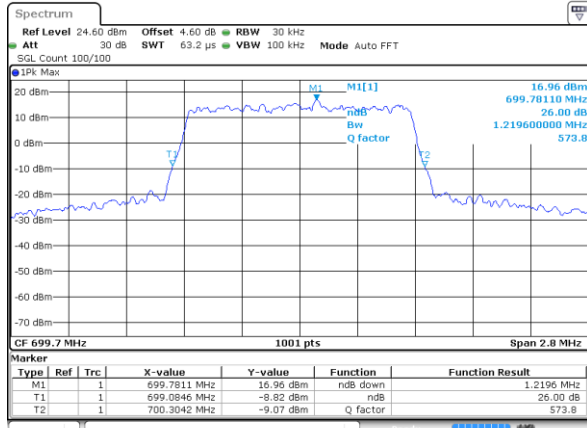
26dB Bandwidth

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.2196	1.2308	3.009	3.009	4.885	4.915	9.67	9.81	1.2308	3.045	4.925	9.81
Middle CH	1.2168	1.2252	3.033	2.997	4.995	4.875	9.81	9.77	1.2336	2.985	4.935	9.67
Highest CH	1.2224	1.2336	3.033	2.967	4.885	4.825	9.65	9.69	1.2252	2.985	4.785	9.91



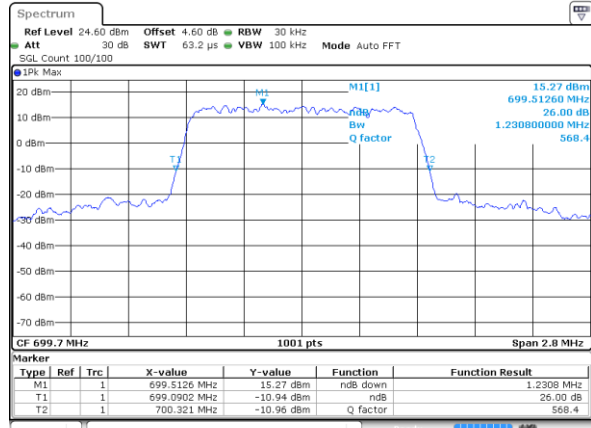
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



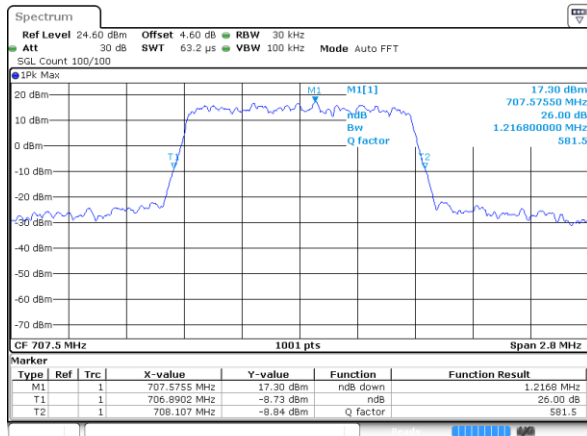
Date: 11 JAN 2020 17:05:45

Lowest Channel / 1.4MHz / 16QAM



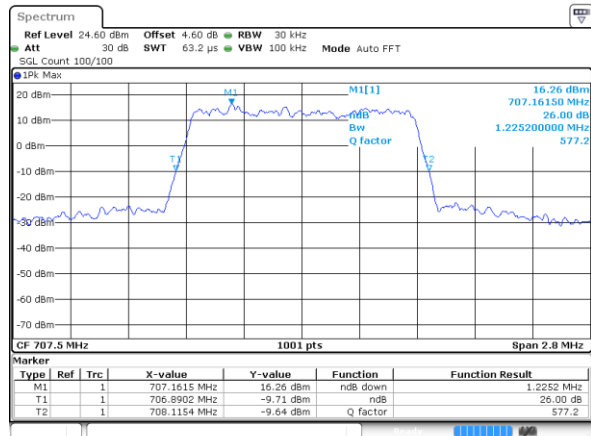
Date: 11 JAN 2020 17:05:35

Middle Channel / 1.4MHz / QPSK



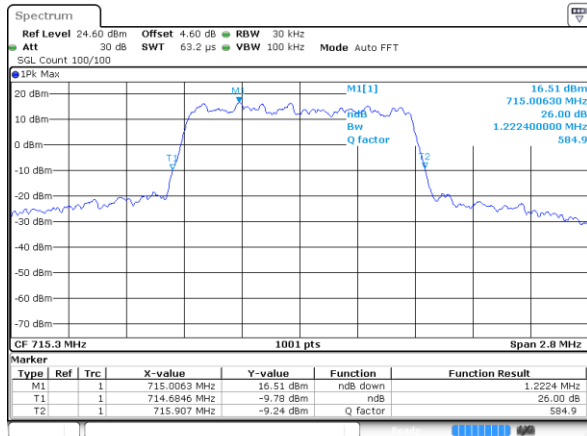
Date: 11 JAN 2020 17:05:15

Middle Channel / 1.4MHz / 16QAM



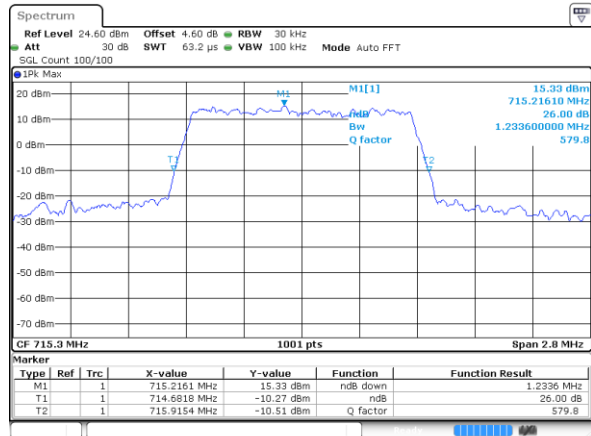
Date: 11 JAN 2020 17:05:25

Highest Channel / 1.4MHz / QPSK



Date: 11 JAN 2020 17:05:05

Highest Channel / 1.4MHz / 16QAM

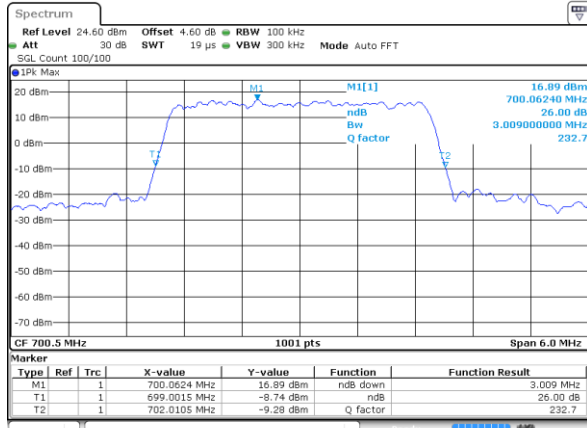


Date: 11 JAN 2020 17:04:55



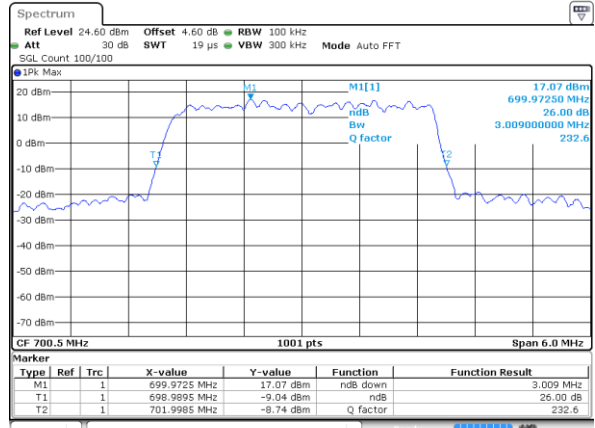
LTE Band 12

Lowest Channel / 3MHz / QPSK



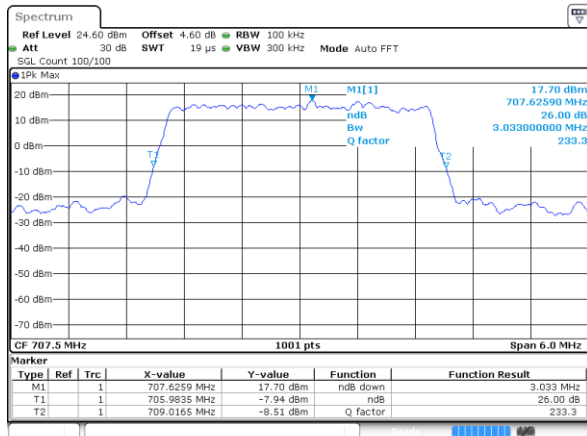
Date: 11 JAN 2020 17:21:17

Lowest Channel / 3MHz / 16QAM



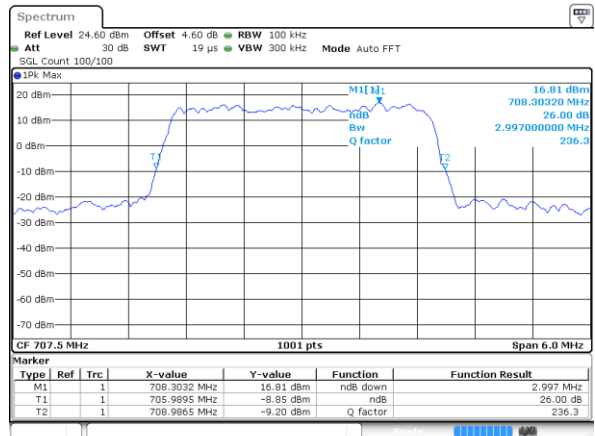
Date: 11 JAN 2020 17:21:07

Middle Channel / 3MHz / QPSK



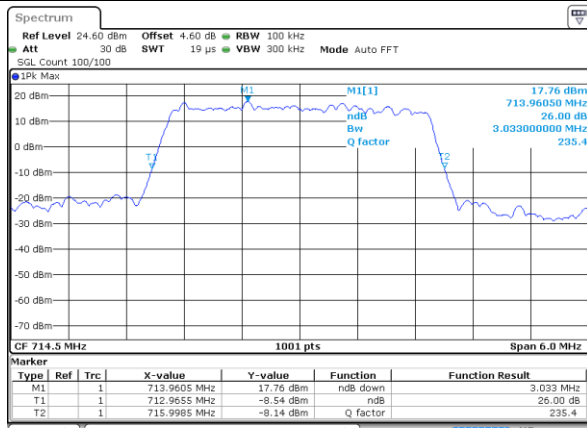
Date: 11 JAN 2020 17:20:47

Middle Channel / 3MHz / 16QAM



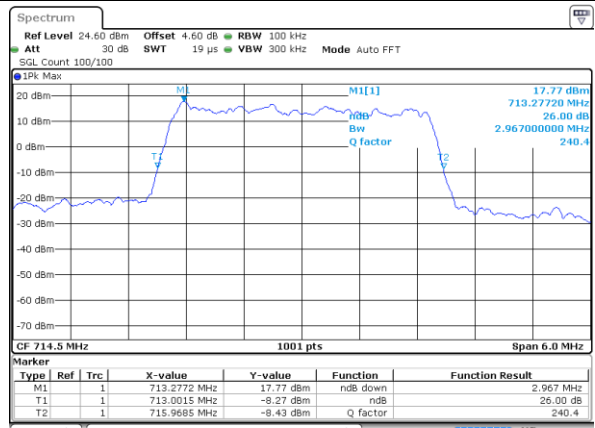
Date: 11 JAN 2020 17:20:57

Highest Channel / 3MHz / QPSK



Date: 11 JAN 2020 17:20:37

Highest Channel / 3MHz / 16QAM

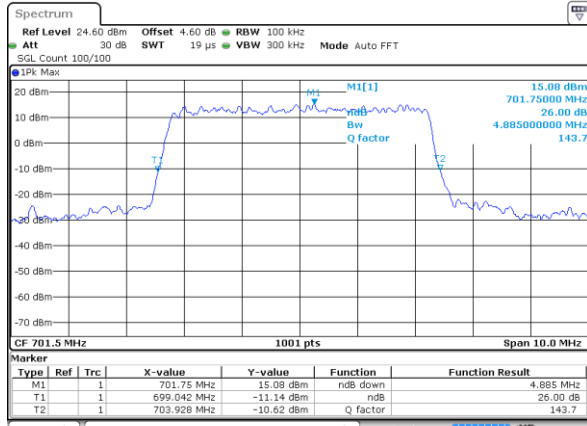


Date: 11 JAN 2020 17:20:27

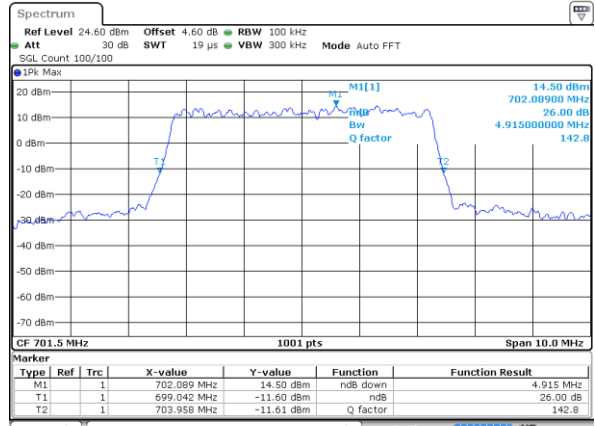


LTE Band 12

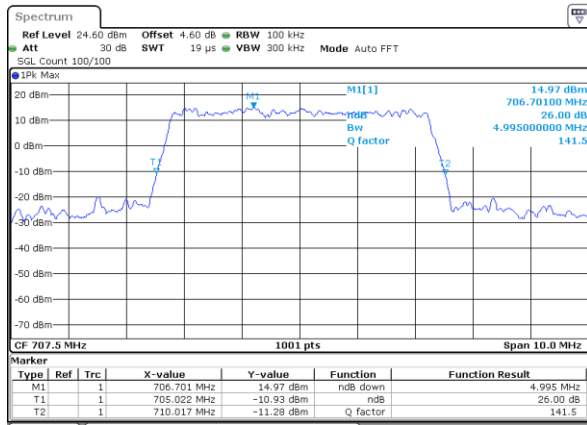
Lowest Channel / 5MHz / QPSK



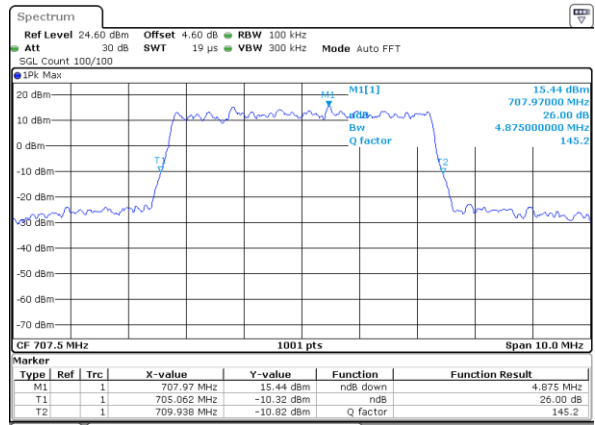
Lowest Channel / 5MHz / 16QAM



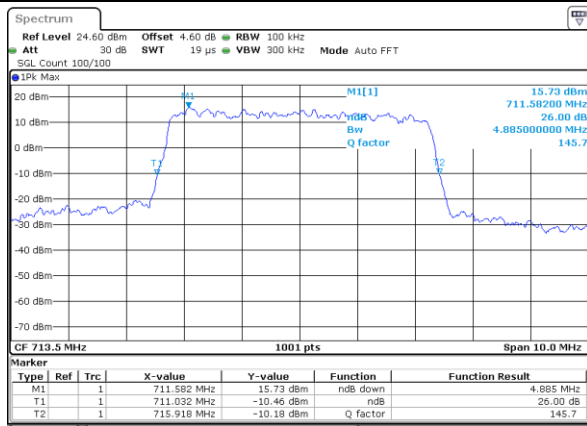
Middle Channel / 5MHz / QPSK



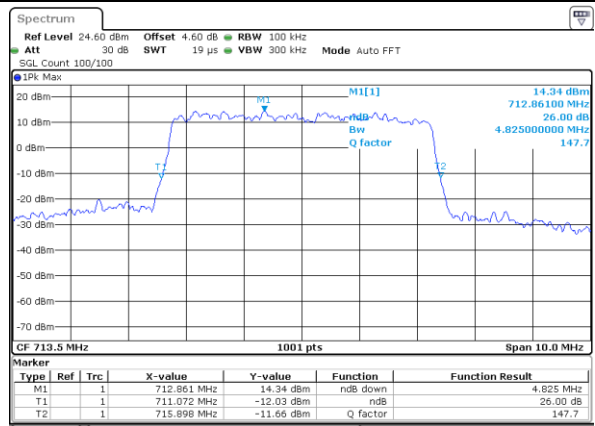
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



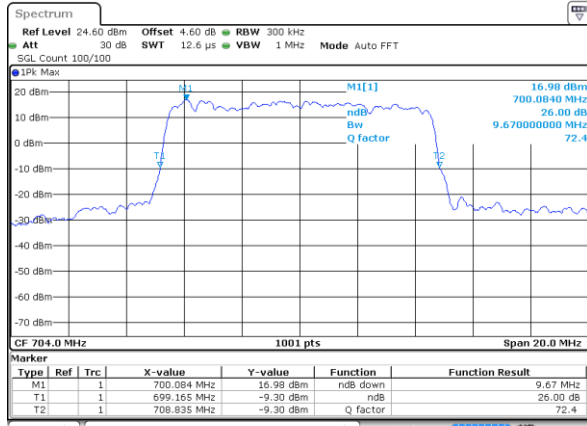
Highest Channel / 5MHz / 16QAM





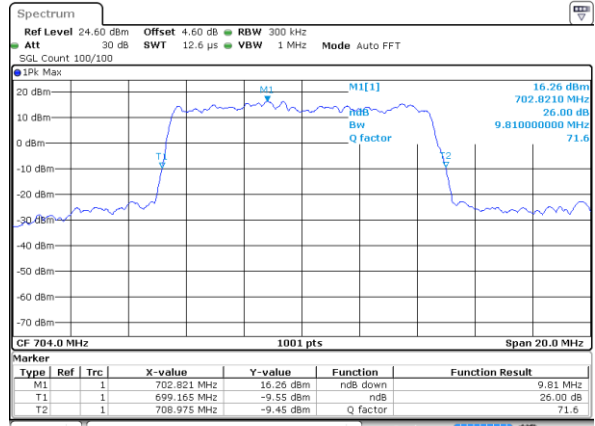
LTE Band 12

Lowest Channel / 10MHz / QPSK



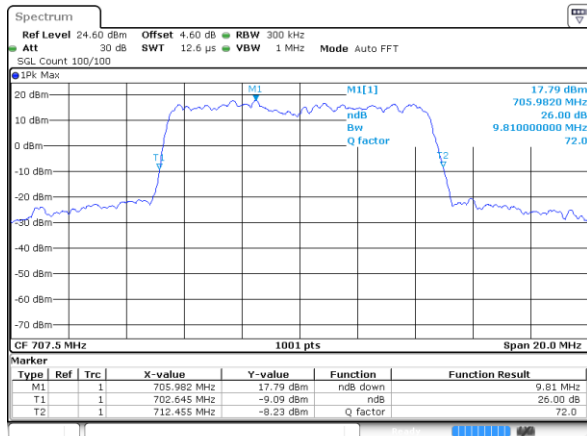
Date: 11 JAN 2020 17:54:10

Lowest Channel / 10MHz / 16QAM



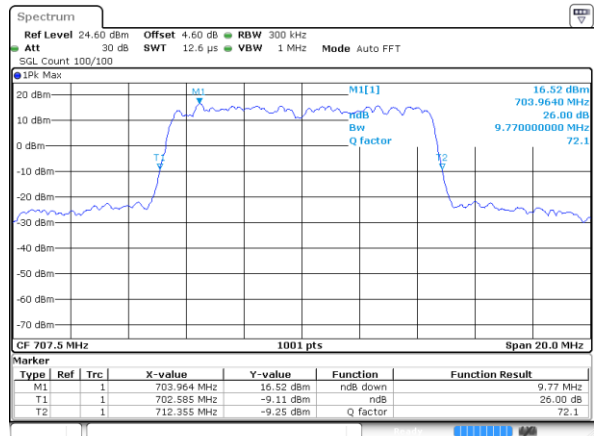
Date: 11 JAN 2020 17:54:00

Middle Channel / 10MHz / QPSK



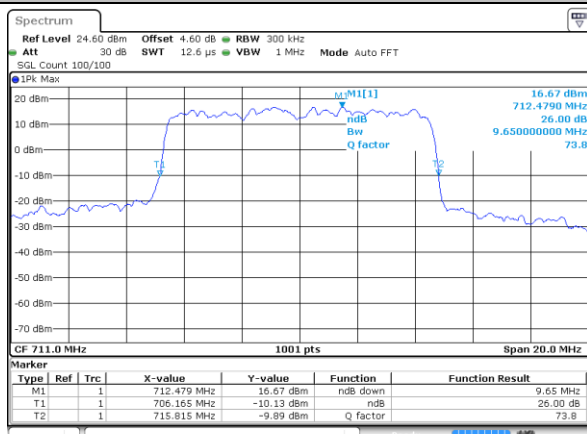
Date: 11 JAN 2020 17:53:40

Middle Channel / 10MHz / 16QAM



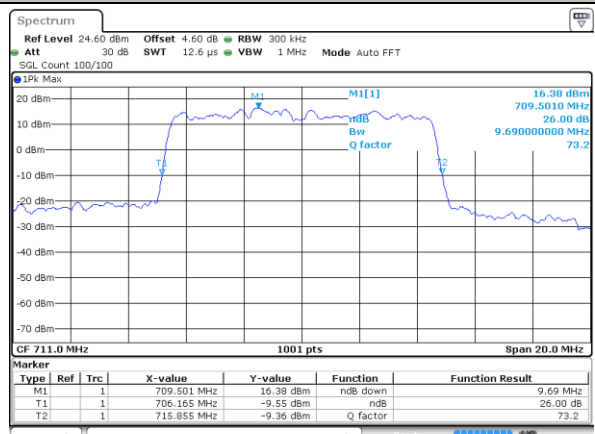
Date: 11 JAN 2020 17:53:50

Highest Channel / 10MHz / QPSK



Date: 11 JAN 2020 17:53:30

Highest Channel / 10MHz / 16QAM

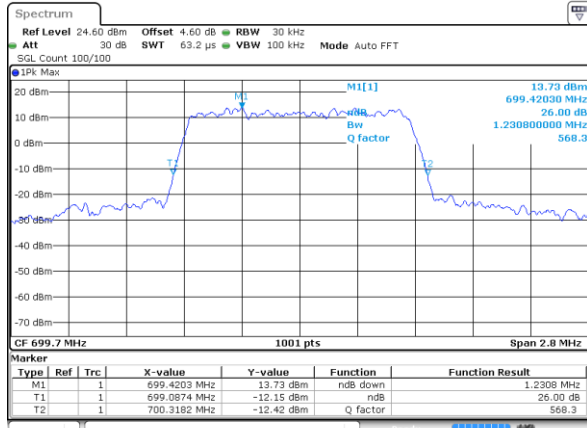


Date: 11 JAN 2020 17:53:20

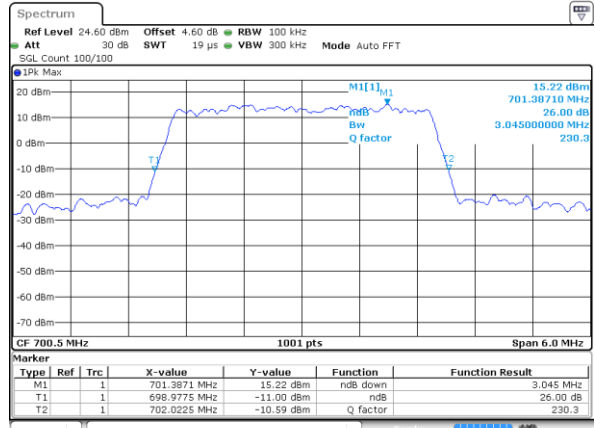


LTE Band 12

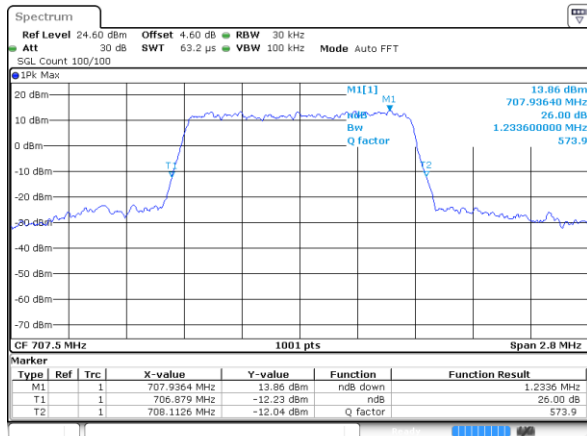
Lowest Channel / 1.4MHz / 64QAM



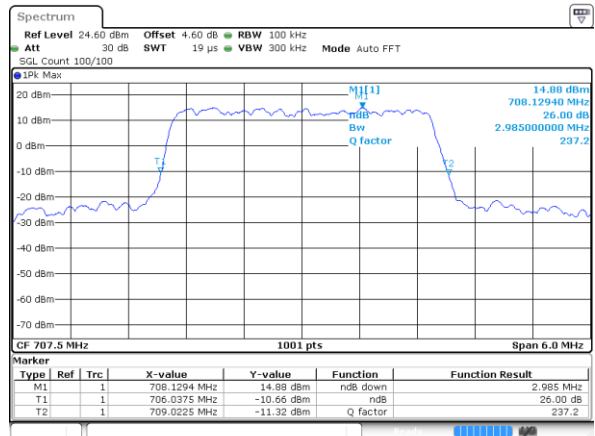
Lowest Channel / 3MHz / 64QAM



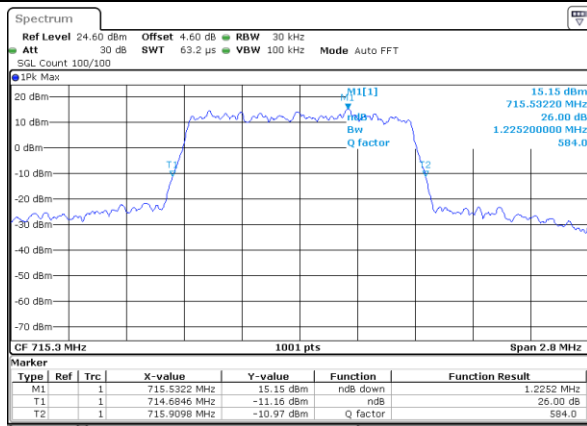
Middle Channel / 1.4MHz / 64QAM



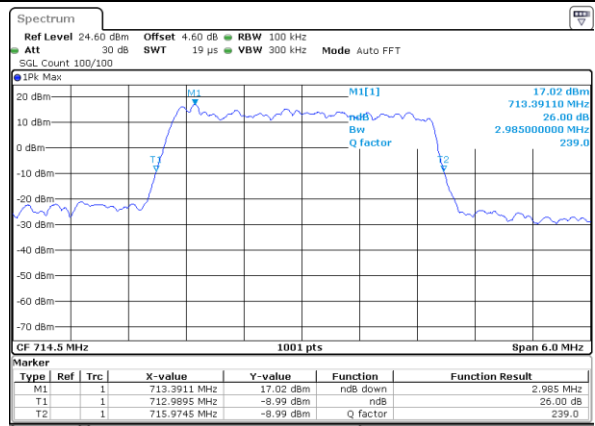
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



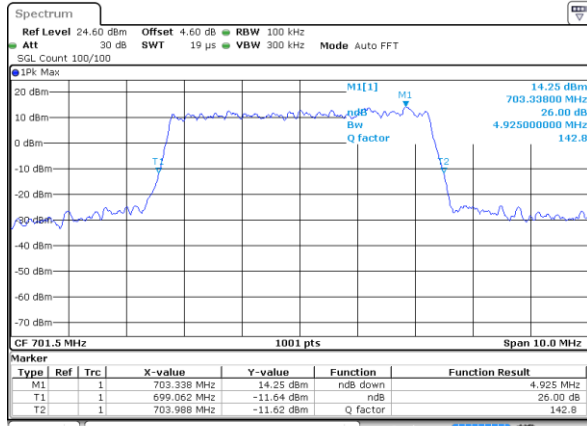
Highest Channel / 3MHz / 64QAM



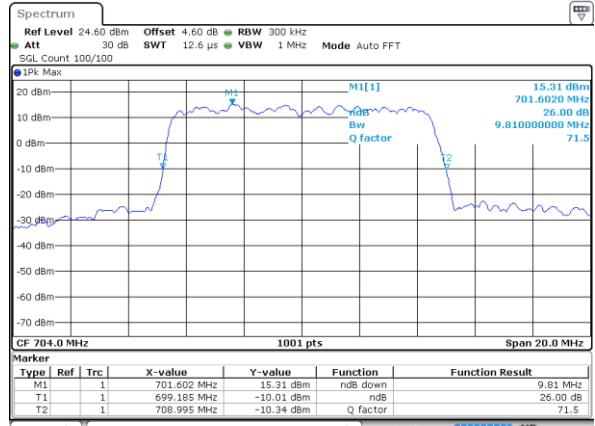


LTE Band 12

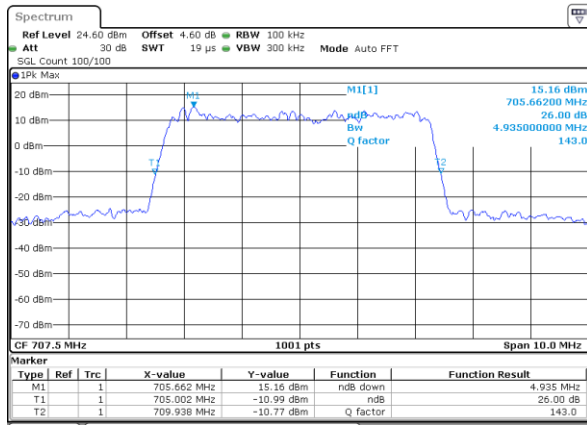
Lowest Channel / 5MHz / 64QAM



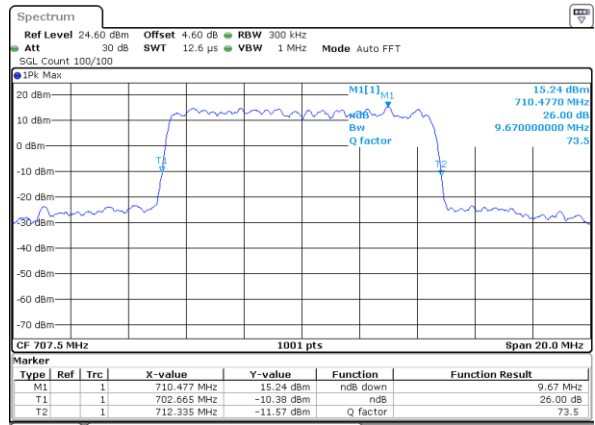
Lowest Channel / 10MHz / 64QAM



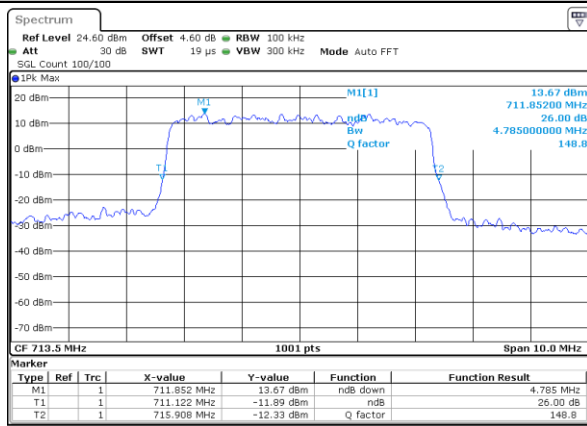
Middle Channel / 5MHz / 64QAM



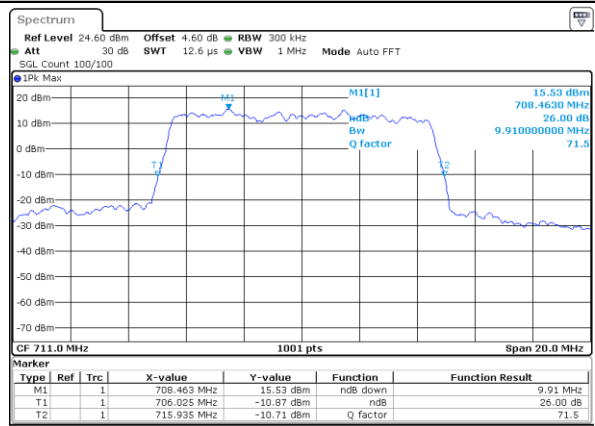
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



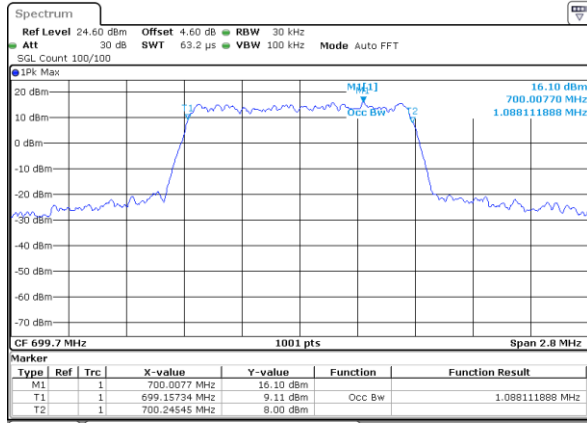
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.08	2.70	2.72	4.48	4.49	9.01	8.97	1.09	2.73	4.48	8.95
Middle CH	1.10	1.09	2.72	2.73	4.49	4.50	9.01	9.03	1.09	2.71	4.55	9.07
Highest CH	1.09	1.09	2.72	2.72	4.49	4.49	8.99	8.97	1.09	2.73	4.46	9.01

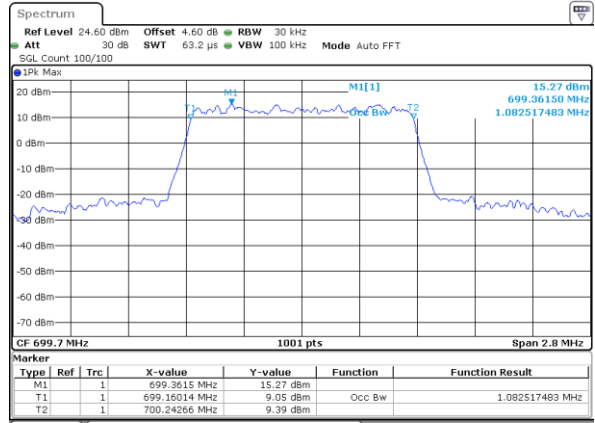


LTE Band 12

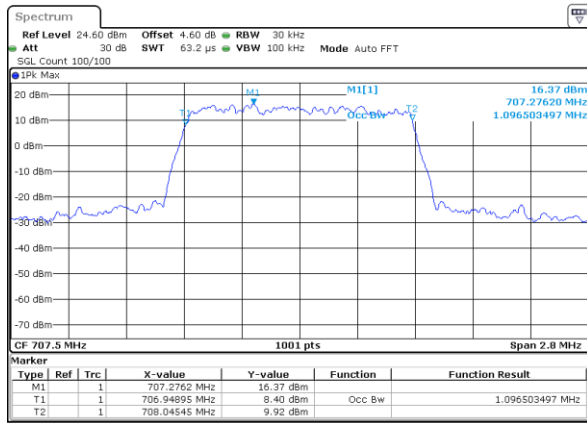
Lowest Channel / 1.4MHz / QPSK



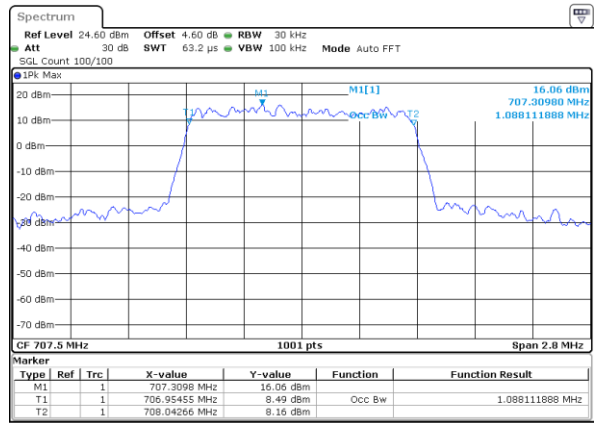
Lowest Channel / 1.4MHz / 16QAM



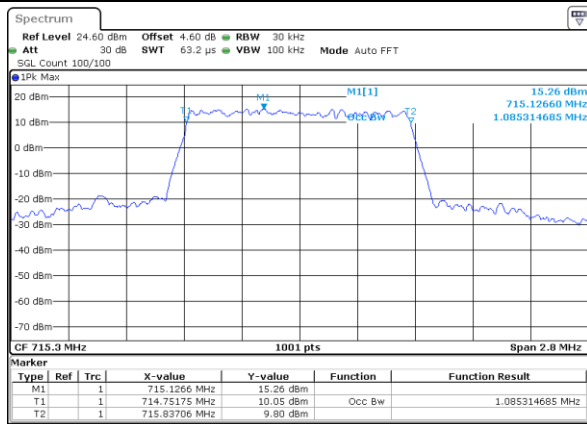
Middle Channel / 1.4MHz / QPSK



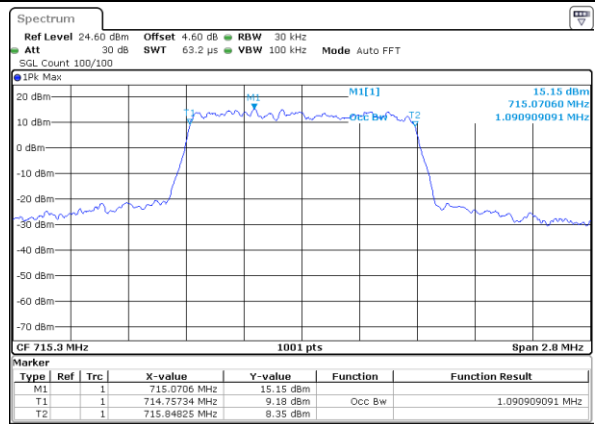
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



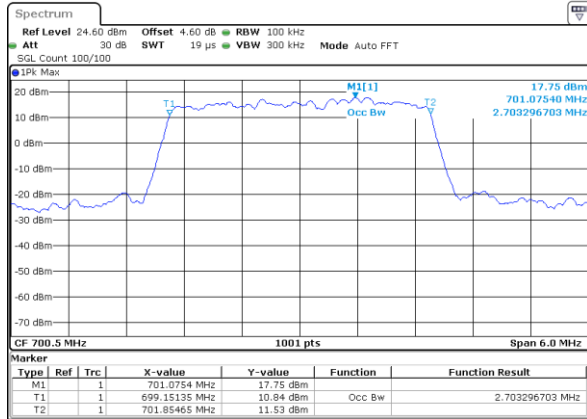
Highest Channel / 1.4MHz / 16QAM





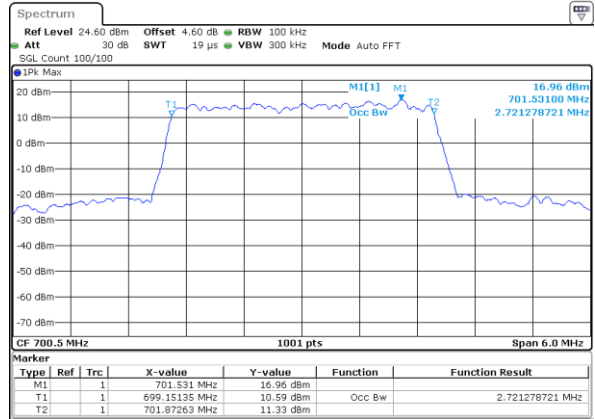
LTE Band 12

Lowest Channel / 3MHz / QPSK



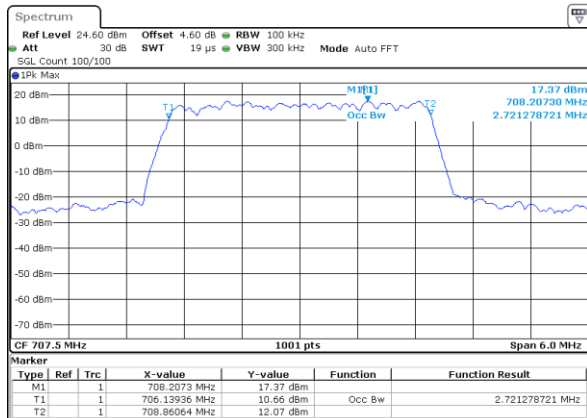
Date: 11 JAN 2020 17:19:27

Lowest Channel / 3MHz / 16QAM



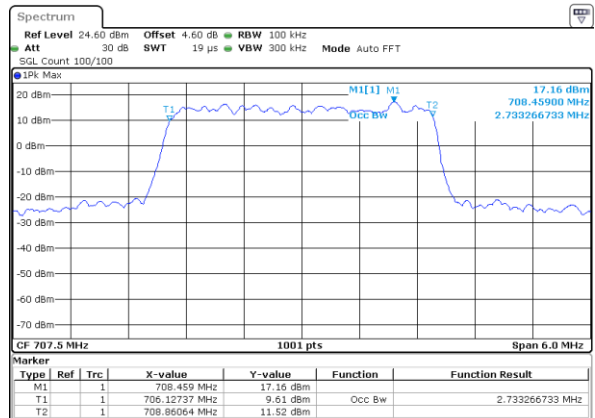
Date: 11 JAN 2020 17:19:37

Middle Channel / 3MHz / QPSK



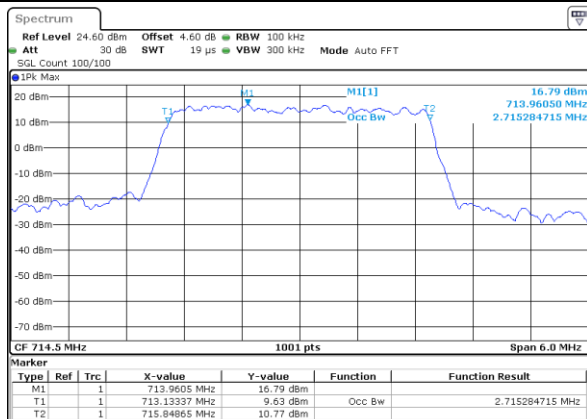
Date: 11 JAN 2020 17:19:57

Middle Channel / 3MHz / 16QAM



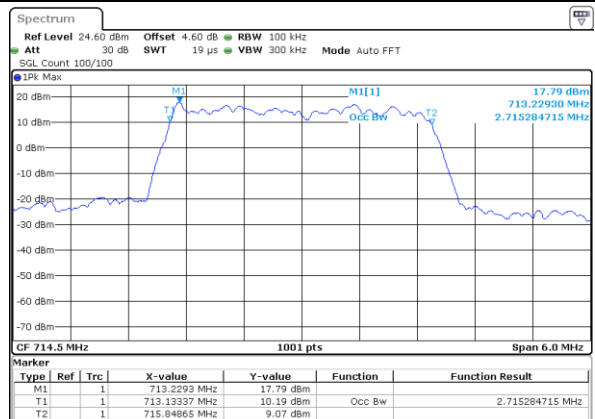
Date: 11 JAN 2020 17:19:47

Highest Channel / 3MHz / QPSK



Date: 11 JAN 2020 17:20:07

Highest Channel / 3MHz / 16QAM

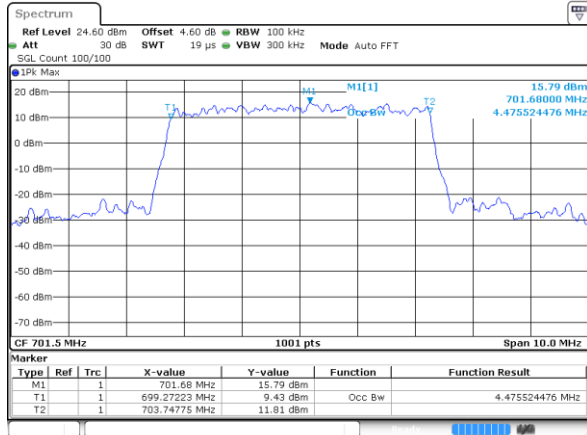


Date: 11 JAN 2020 17:20:17



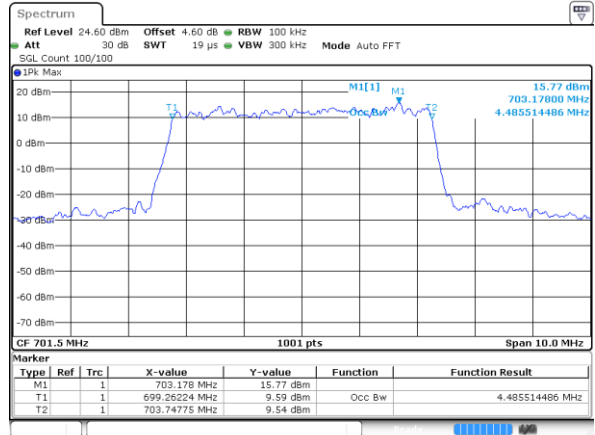
LTE Band 12

Lowest Channel / 5MHz / QPSK



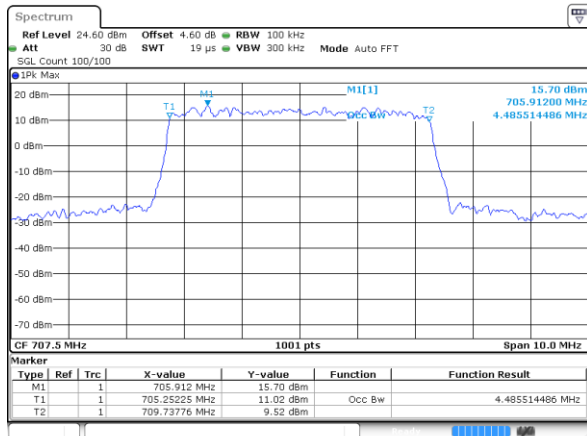
Date: 11 JAN 2020 17:35:53

Lowest Channel / 5MHz / 16QAM



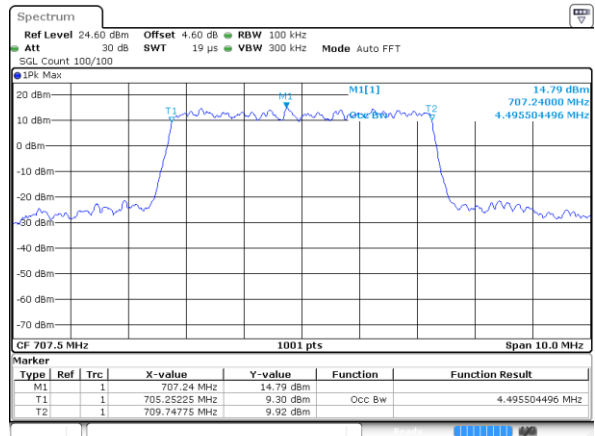
Date: 11 JAN 2020 17:36:03

Middle Channel / 5MHz / QPSK



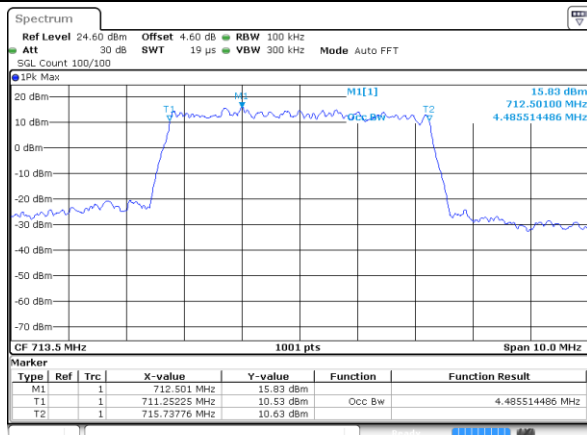
Date: 11 JAN 2020 17:36:24

Middle Channel / 5MHz / 16QAM



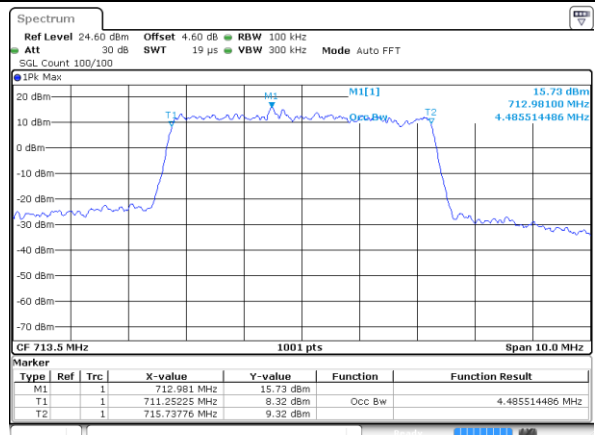
Date: 11 JAN 2020 17:36:13

Highest Channel / 5MHz / QPSK



Date: 11 JAN 2020 17:36:34

Highest Channel / 5MHz / 16QAM

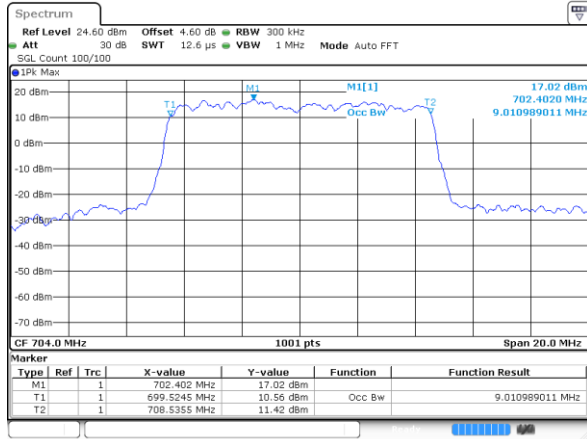


Date: 11 JAN 2020 17:36:44

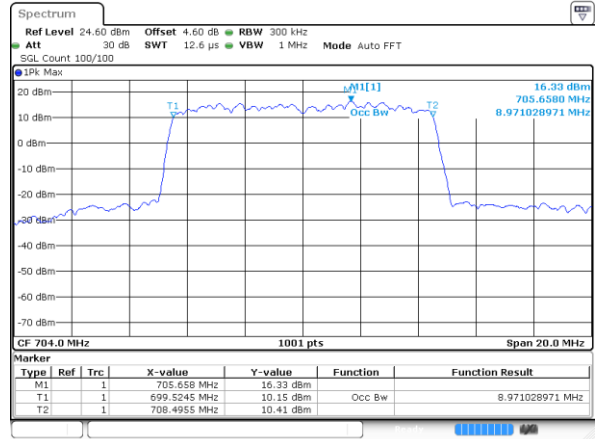


LTE Band 12

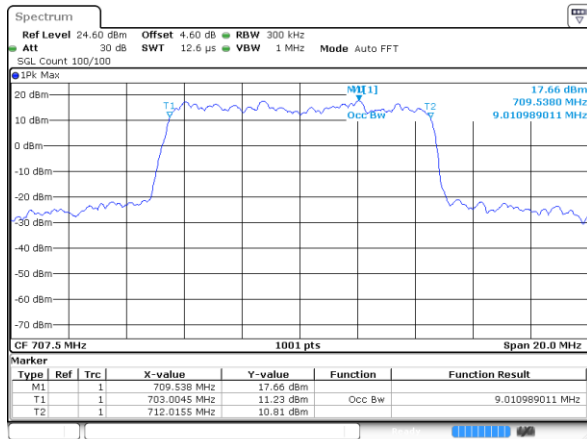
Lowest Channel / 10MHz / QPSK



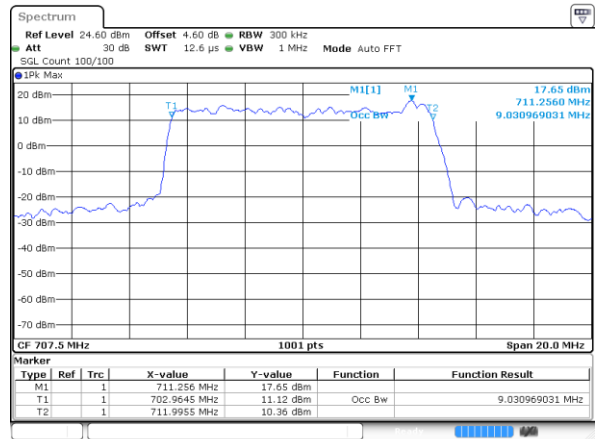
Lowest Channel / 10MHz / 16QAM



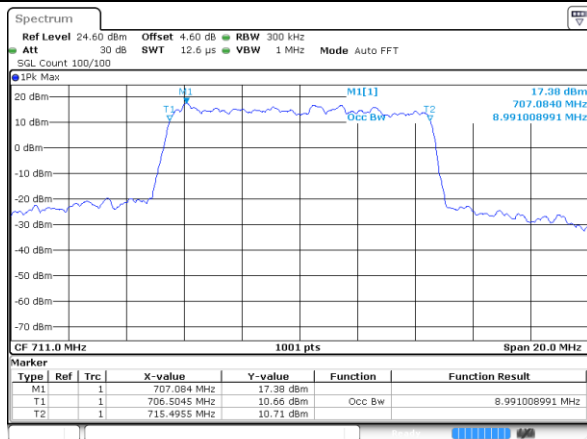
Middle Channel / 10MHz / QPSK



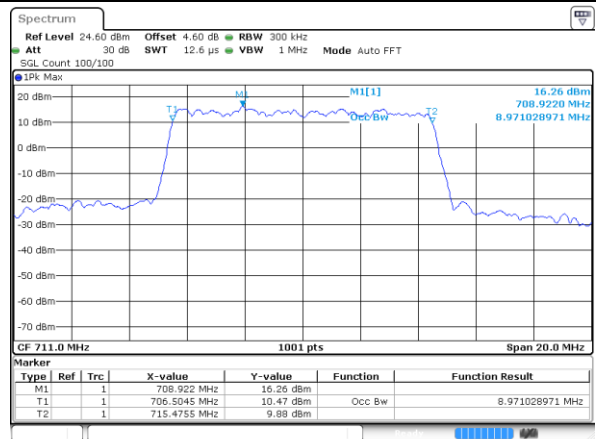
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



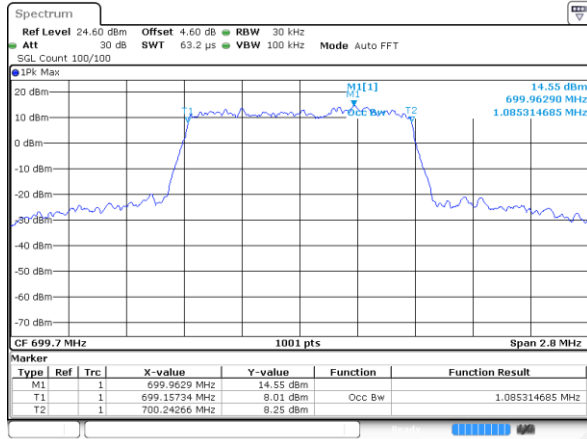
Highest Channel / 10MHz / 16QAM



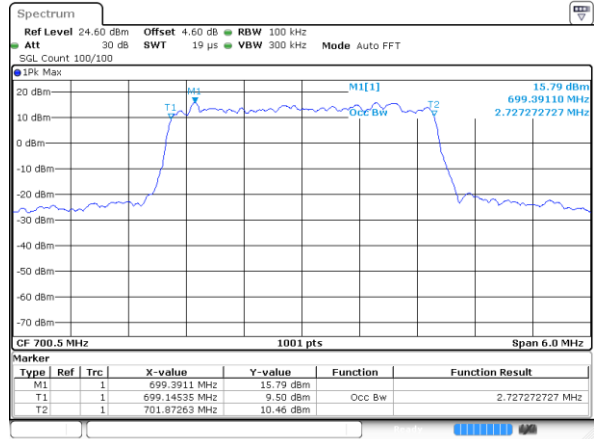


LTE Band 12

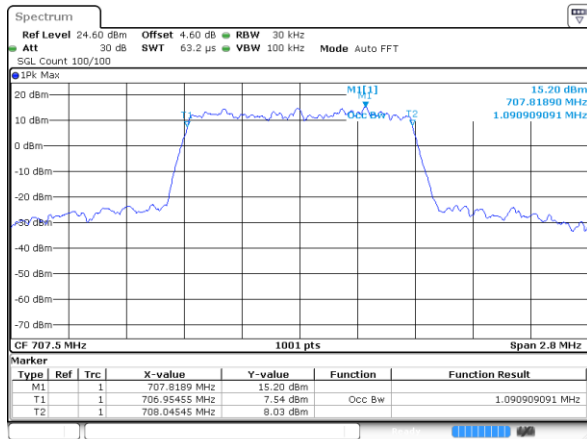
Lowest Channel / 1.4MHz / 64QAM



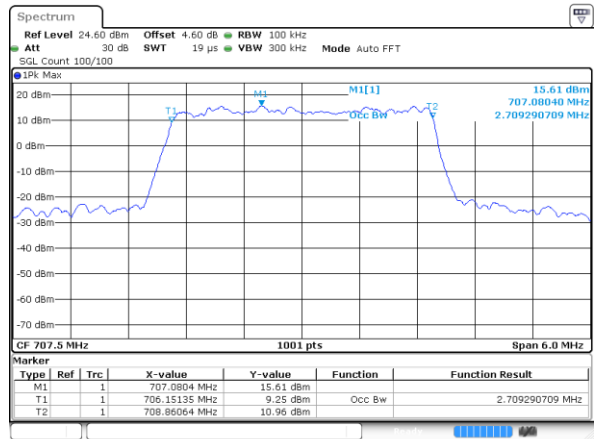
Lowest Channel / 3MHz / 64QAM



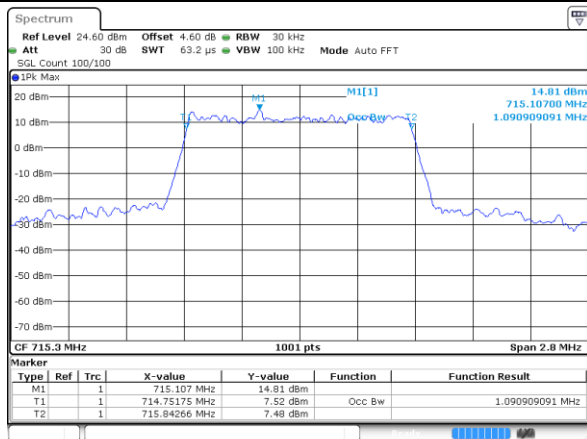
Middle Channel / 1.4MHz / 64QAM



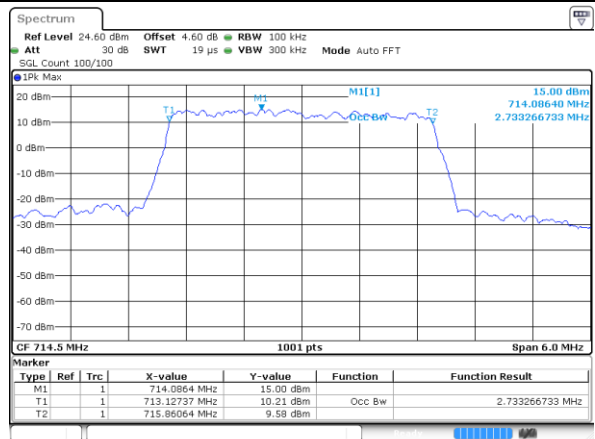
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



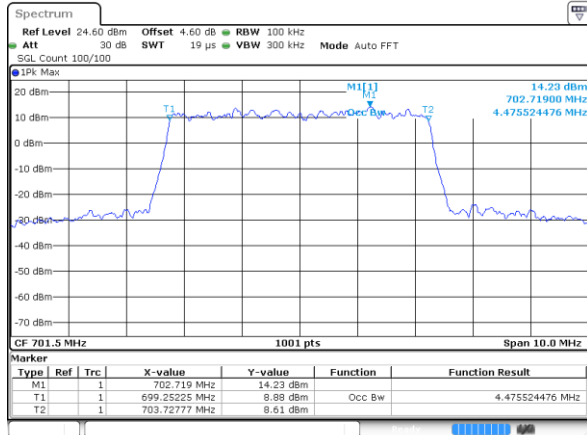
Highest Channel / 3MHz / 64QAM



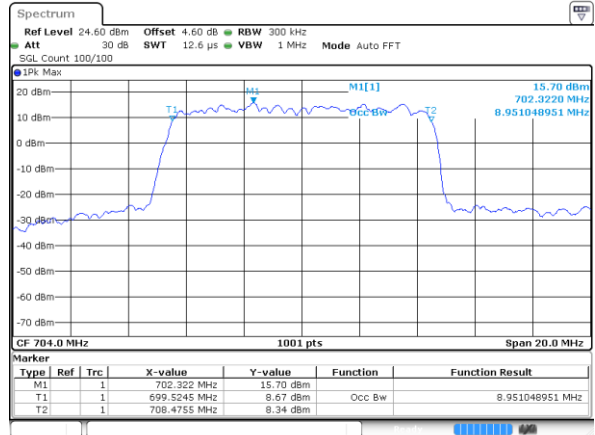


LTE Band 12

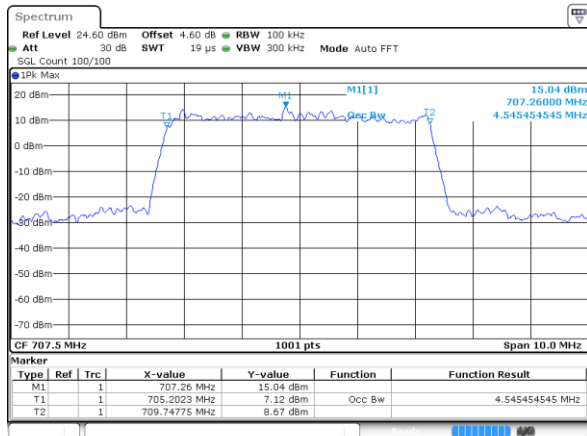
Lowest Channel / 5MHz / 64QAM



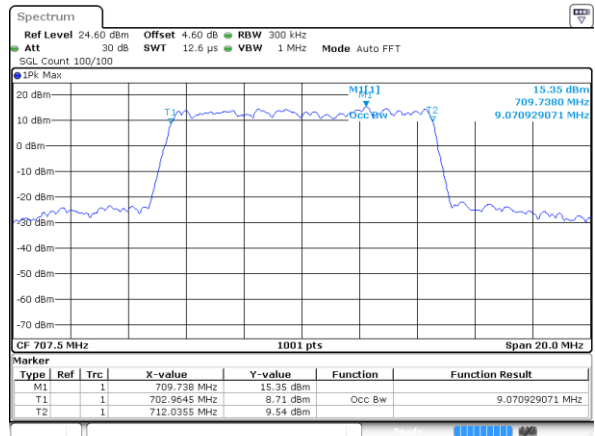
Lowest Channel / 10MHz / 64QAM



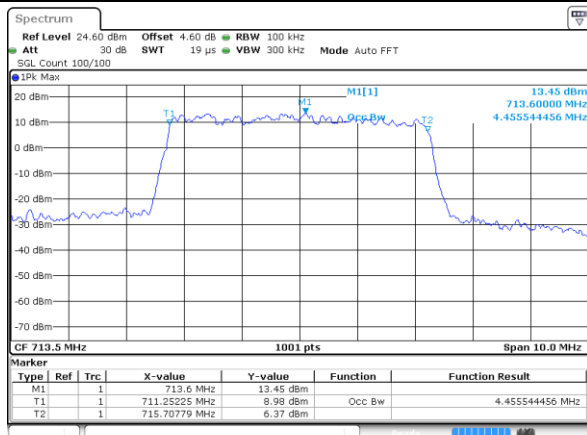
Middle Channel / 5MHz / 64QAM



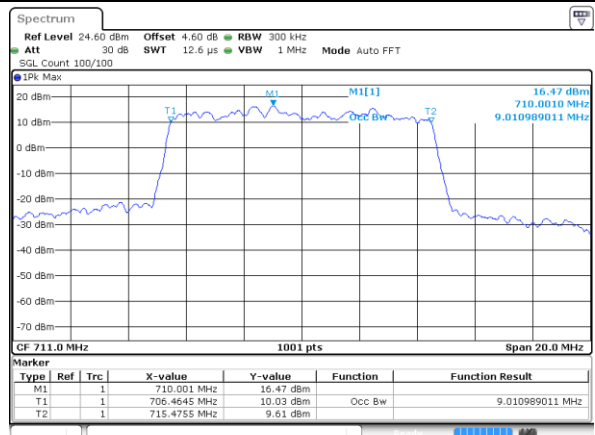
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

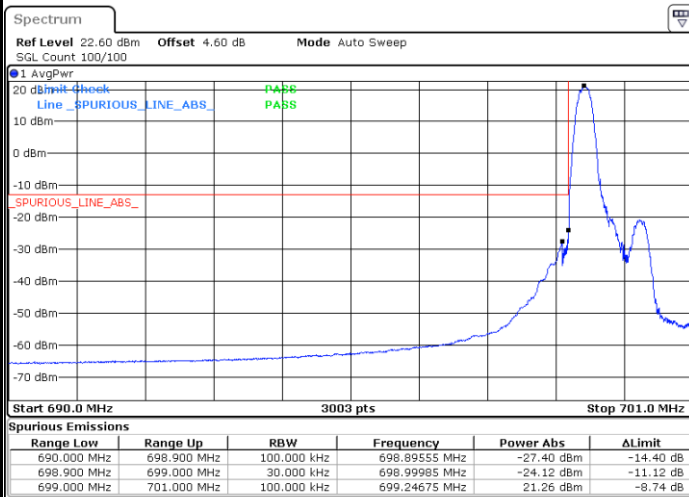




Conducted Band Edge

LTE Band 12 / 1.4MHz / QPSK

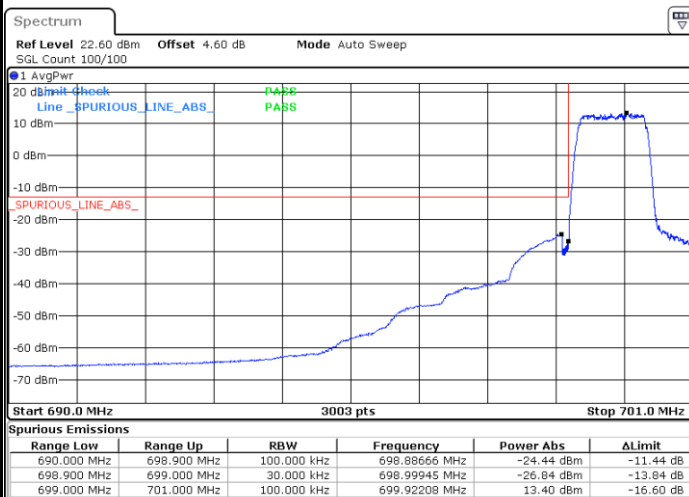
Lowest Band Edge / 1 RB



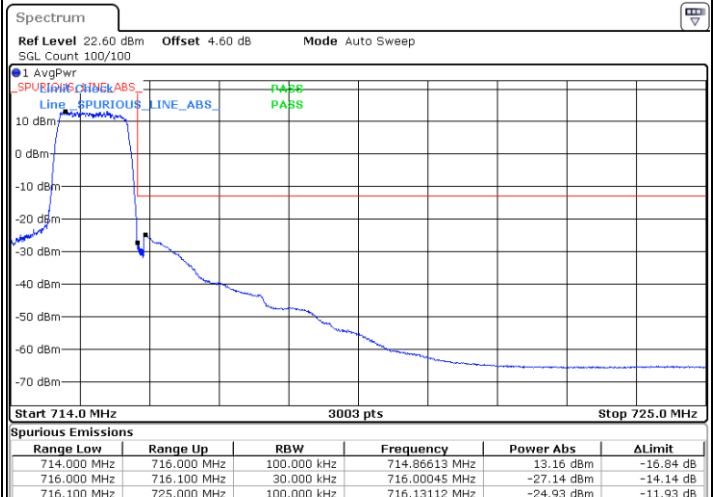
Highest Band Edge / 1RB



Lowest Band Edge / Full RB



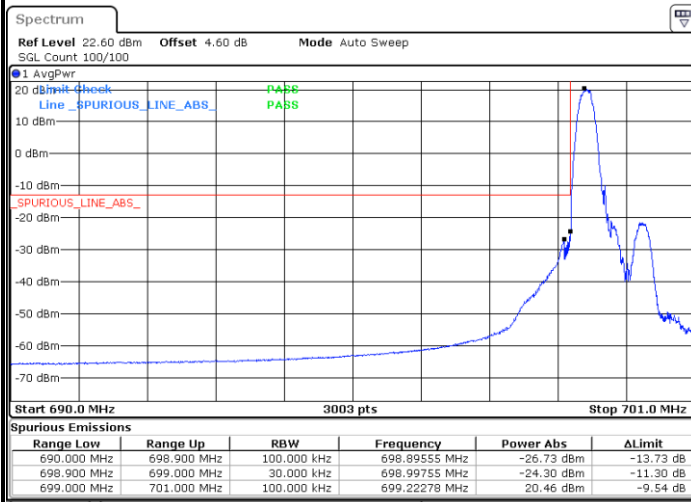
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 16QAM

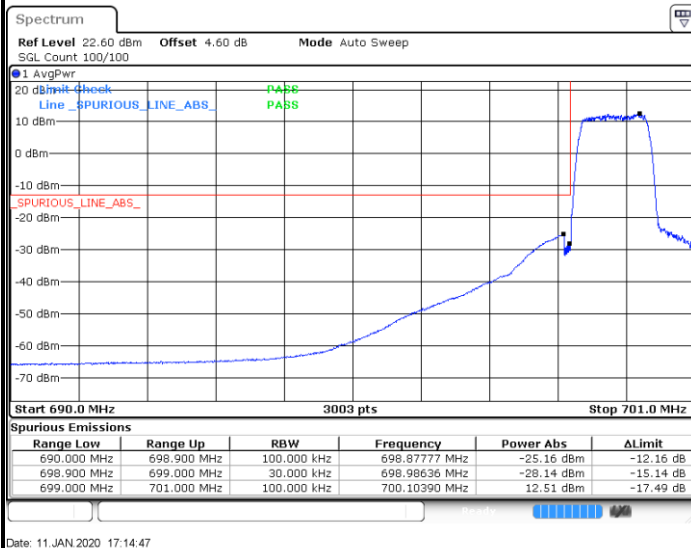
Lowest Band Edge / 1 RB



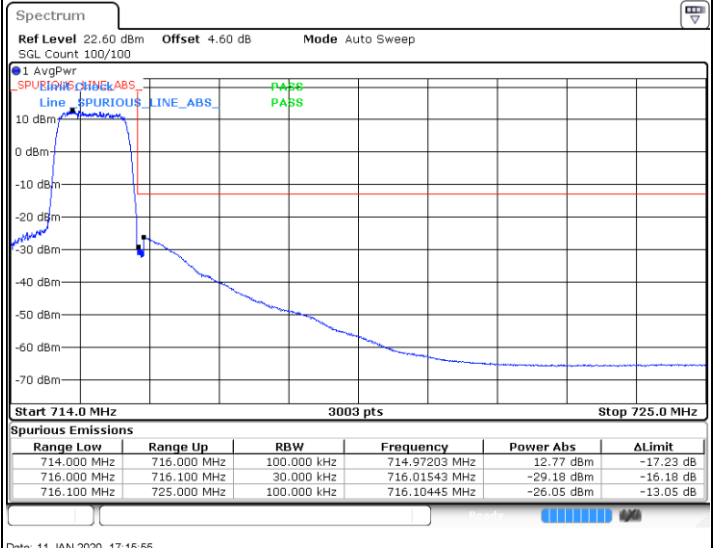
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



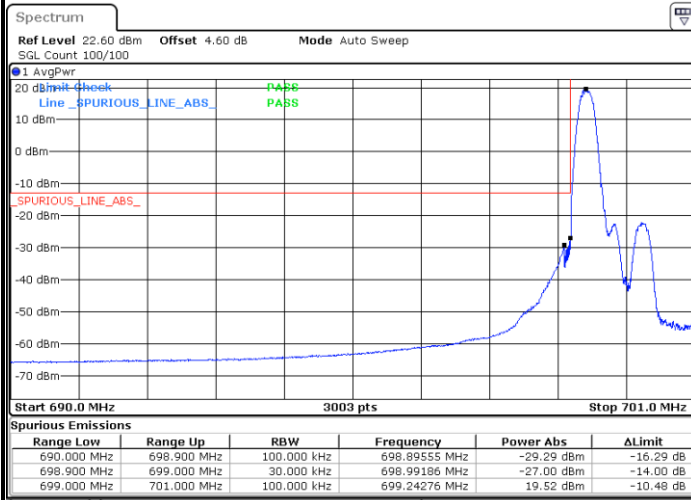
Highest Band Edge / Full RB



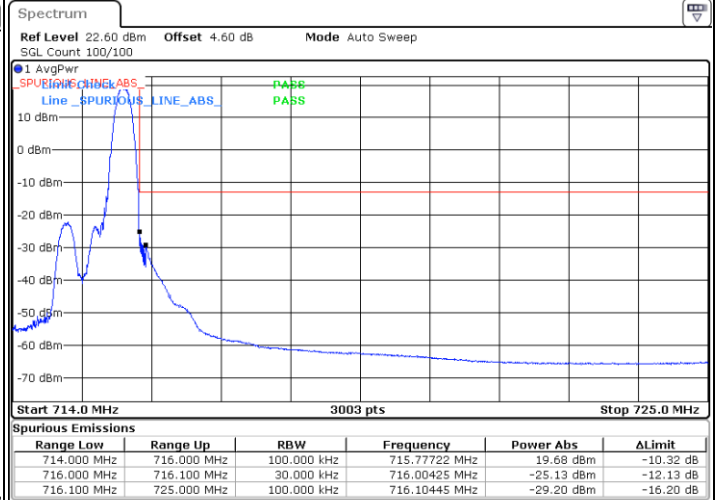


LTE Band 12 / 1.4MHz / 64QAM

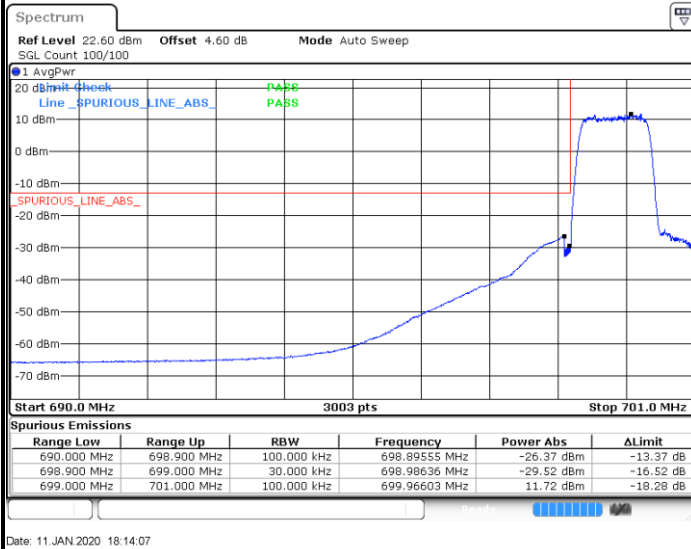
Lowest Band Edge / 1 RB



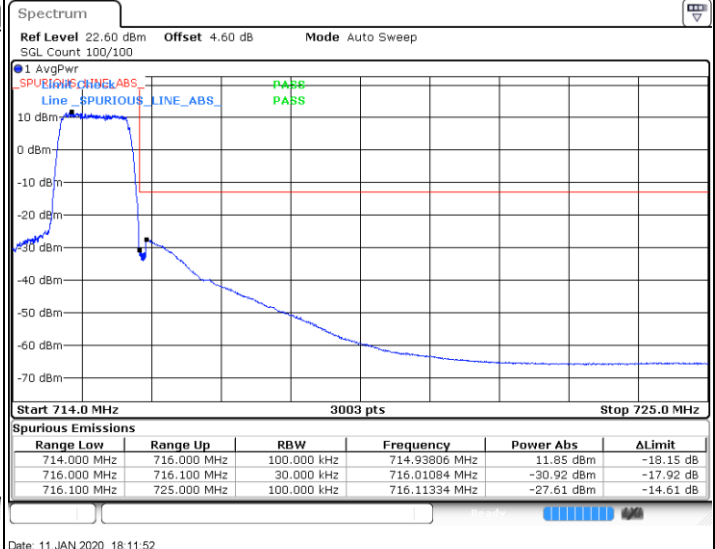
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



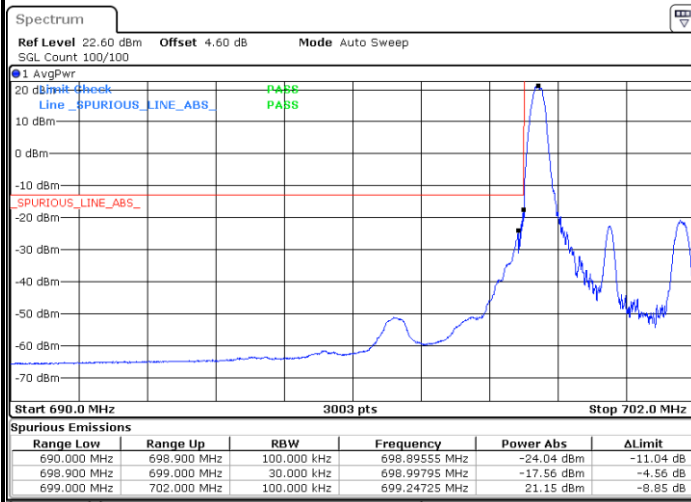
Highest Band Edge / Full RB



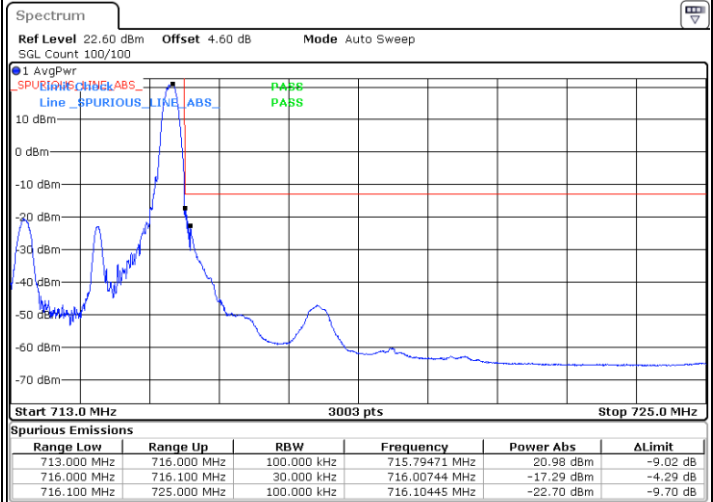


LTE Band 12 / 3MHz / QPSK

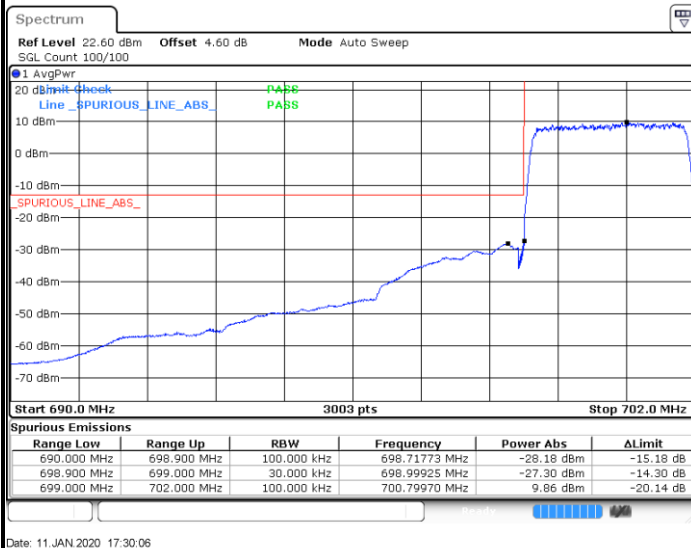
Lowest Band Edge / 1RB



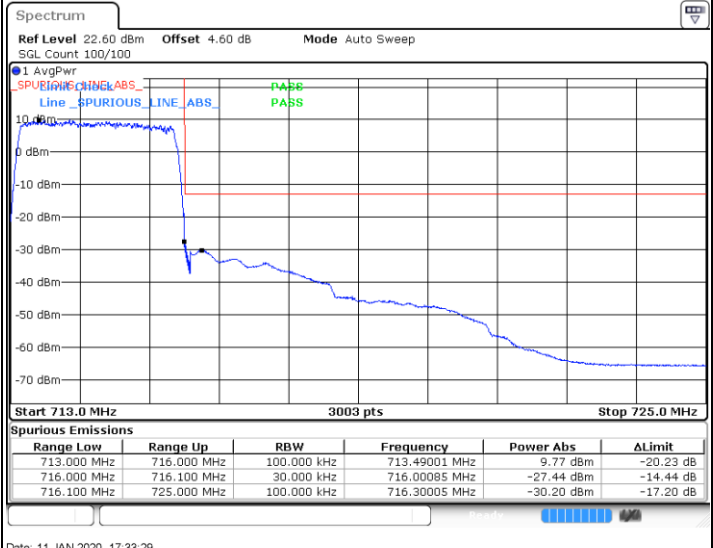
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



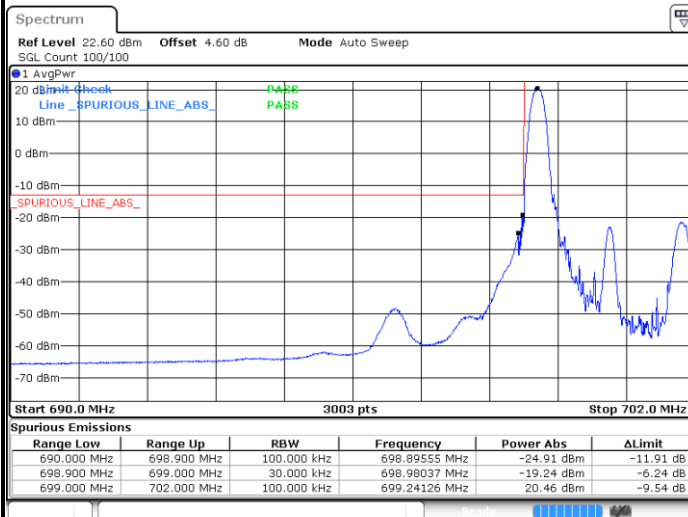
Highest Band Edge / Full RB



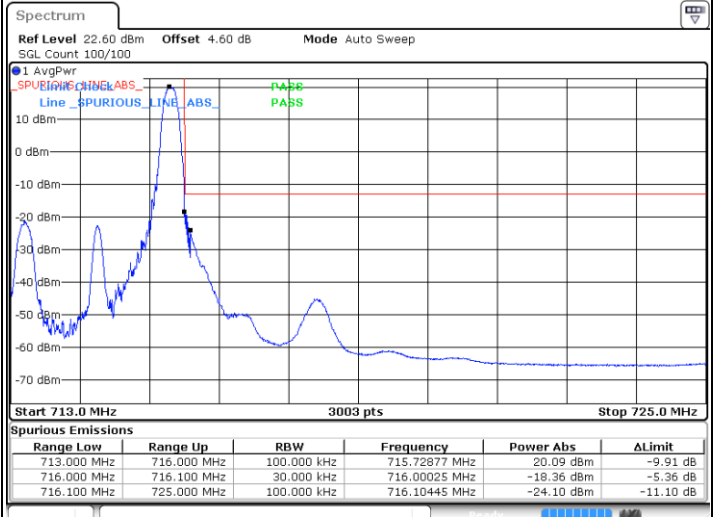


LTE Band 12 / 3MHz / 16QAM

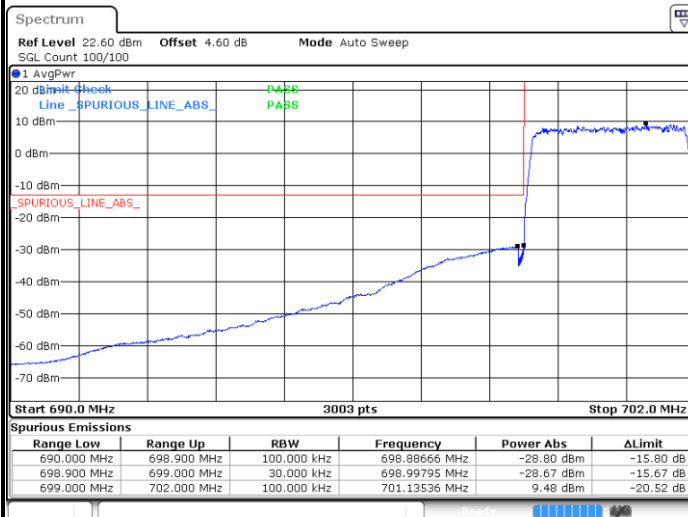
Lowest Band Edge / 1 RB



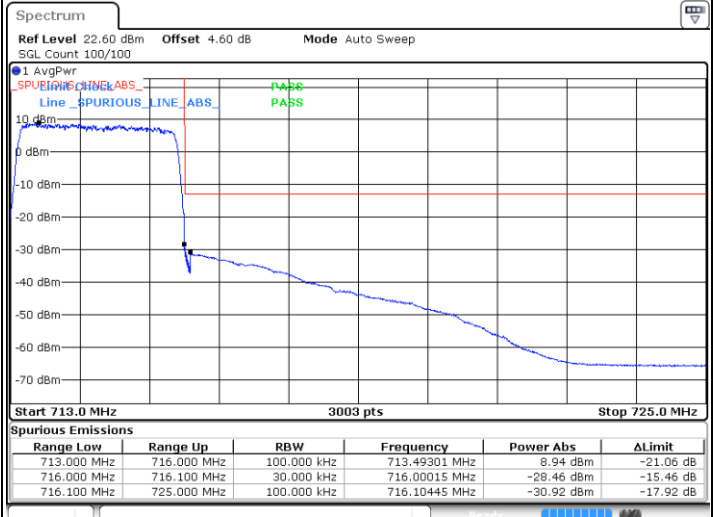
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



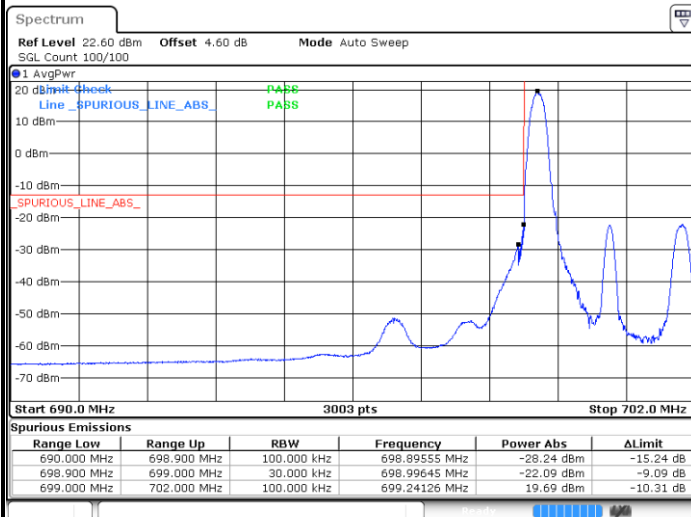
Highest Band Edge / Full RB



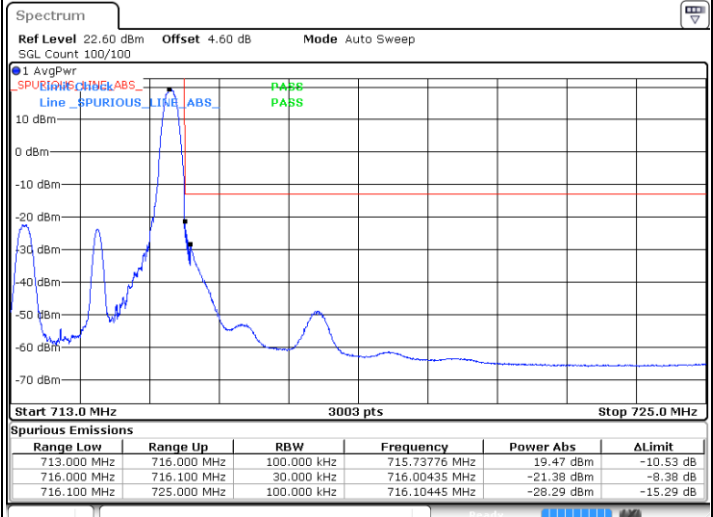


LTE Band 12 / 3MHz / 64QAM

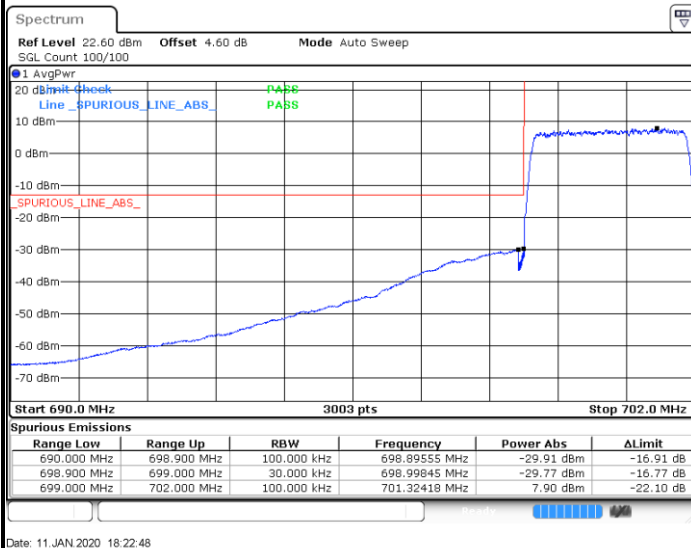
Lowest Band Edge / 1 RB



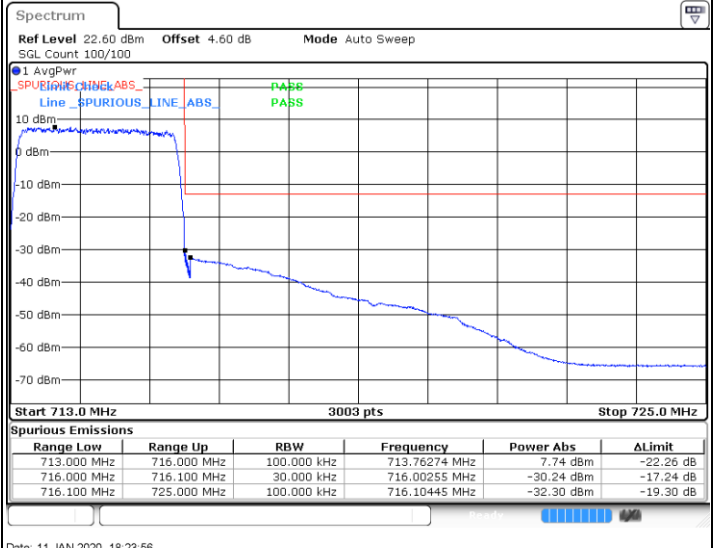
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



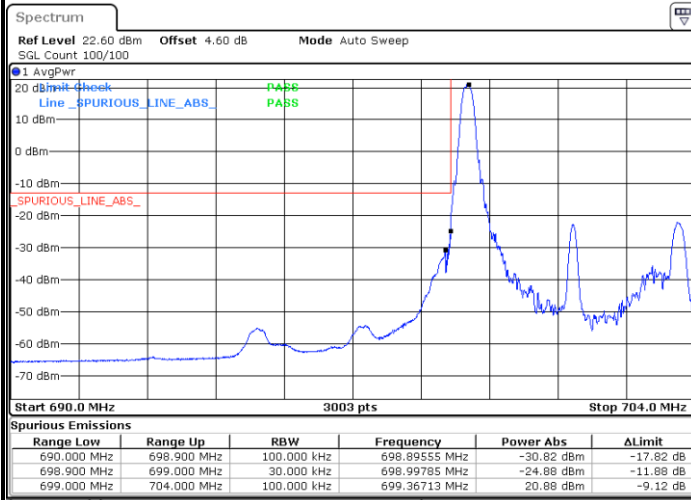
Highest Band Edge / Full RB



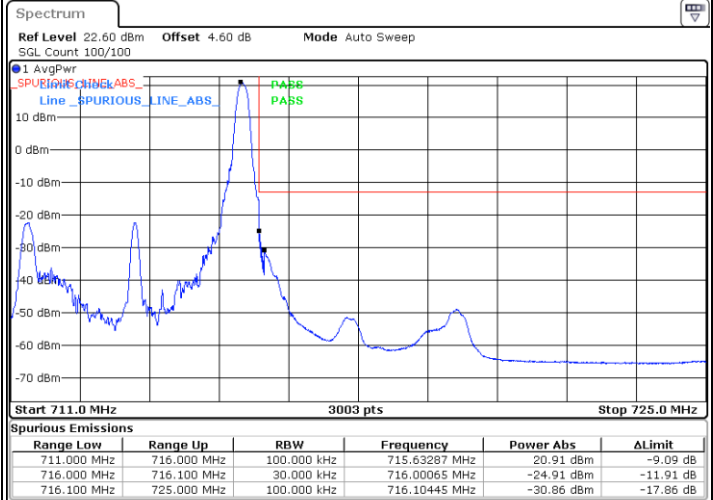


LTE Band 12 / 5MHz / QPSK

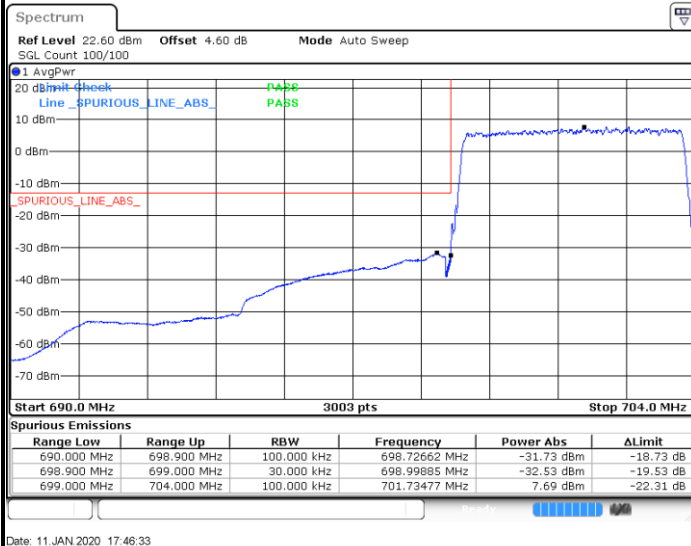
Lowest Band Edge / 1 RB



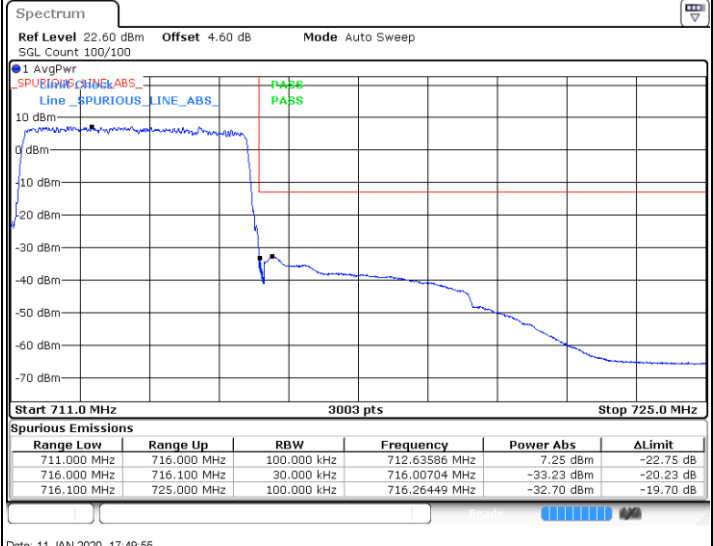
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



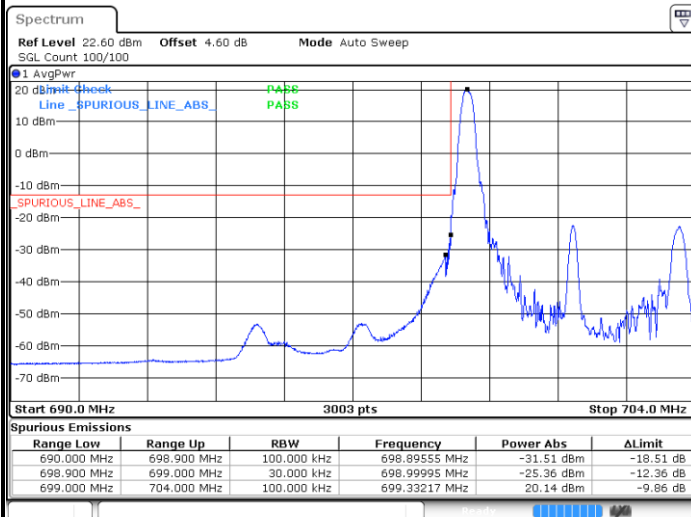
Highest Band Edge / Full RB



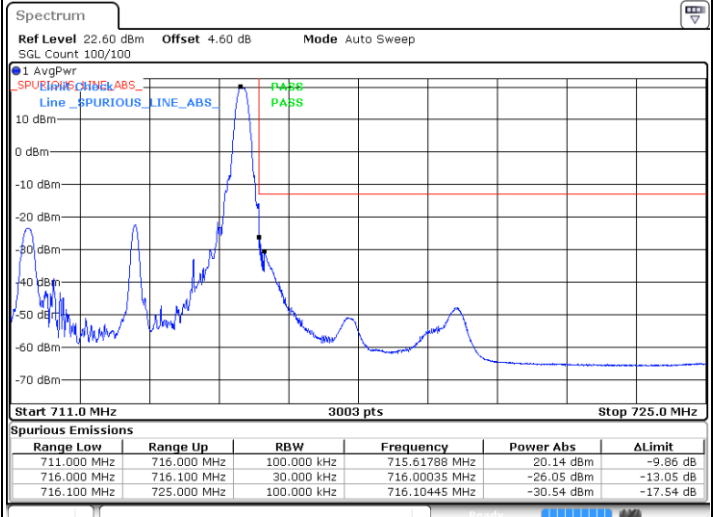


LTE Band 12 / 5MHz / 16QAM

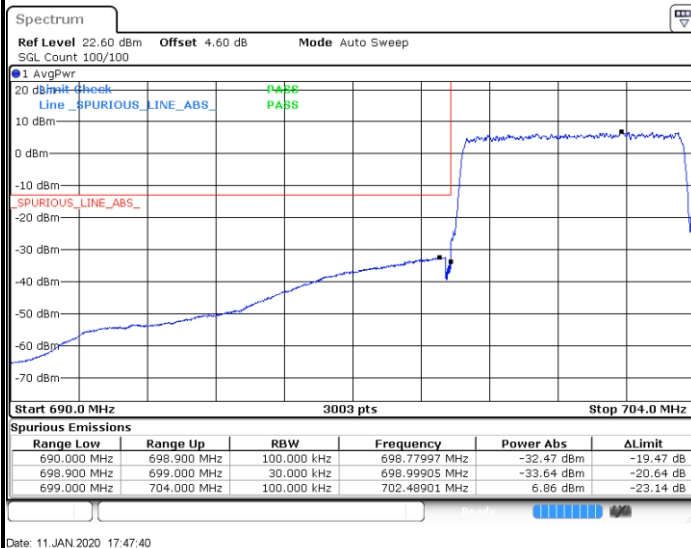
Lowest Band Edge / 1RB



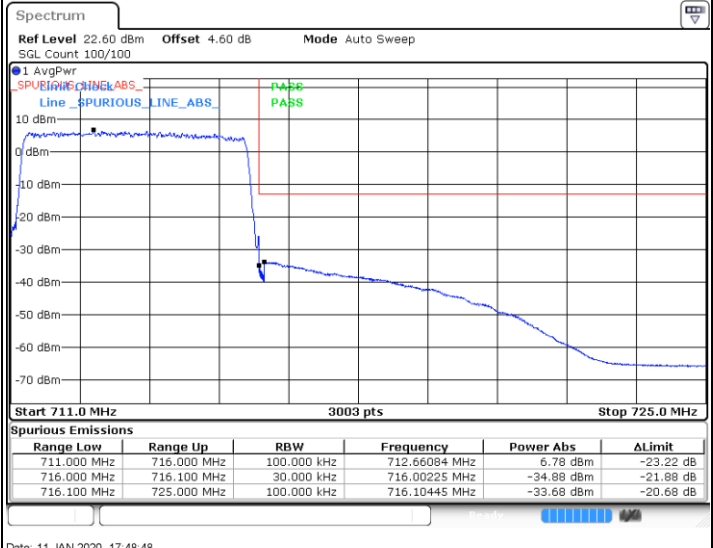
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



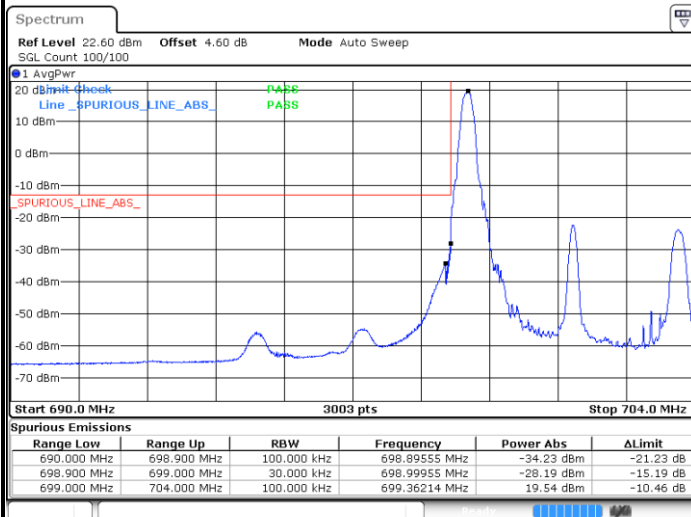
Highest Band Edge / Full RB



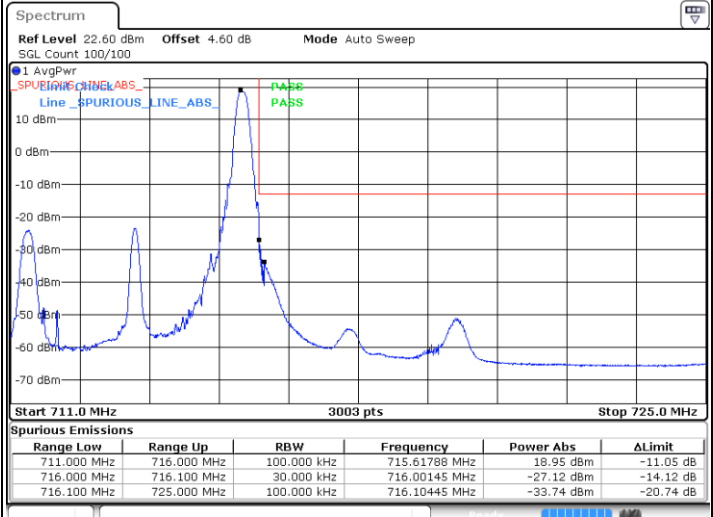


LTE Band 12 / 5MHz / 64QAM

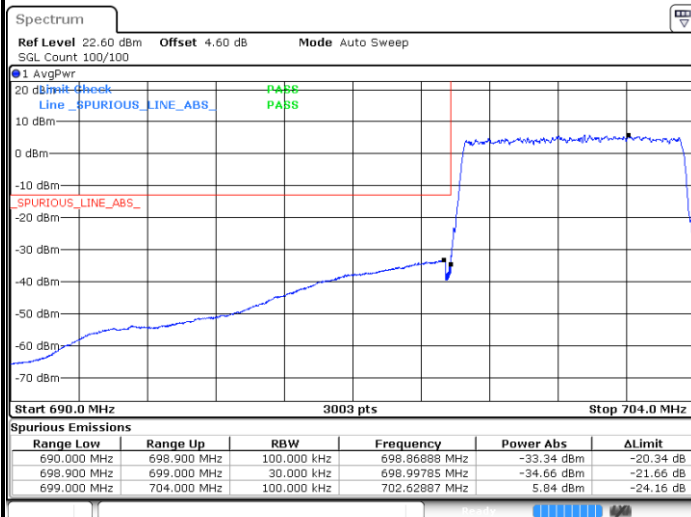
Lowest Band Edge / 1RB



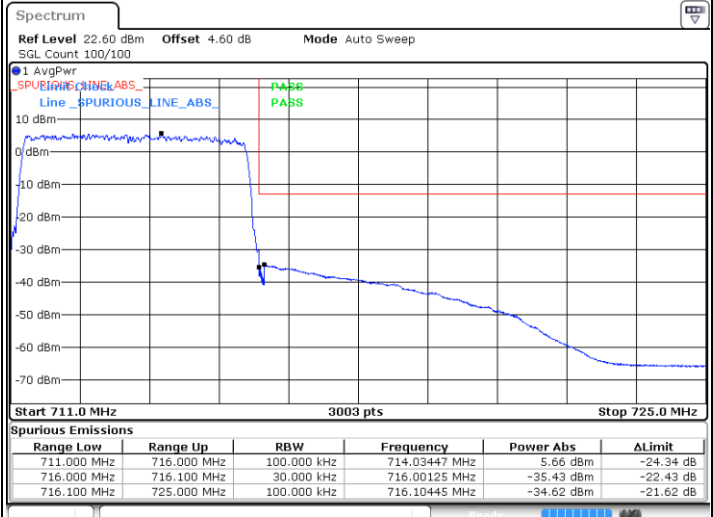
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



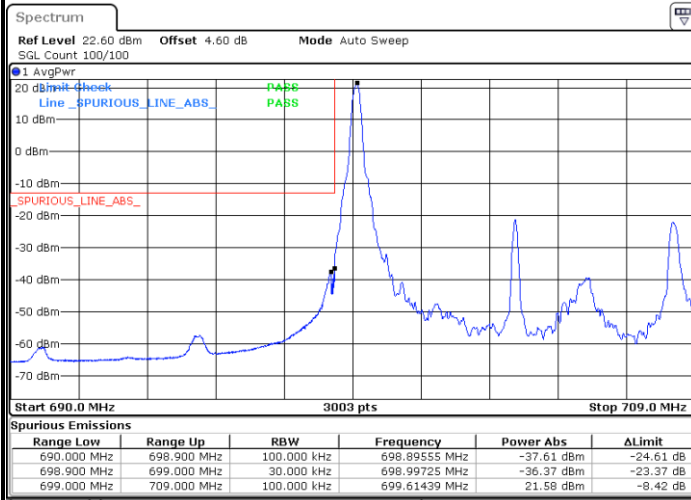
Highest Band Edge / Full RB



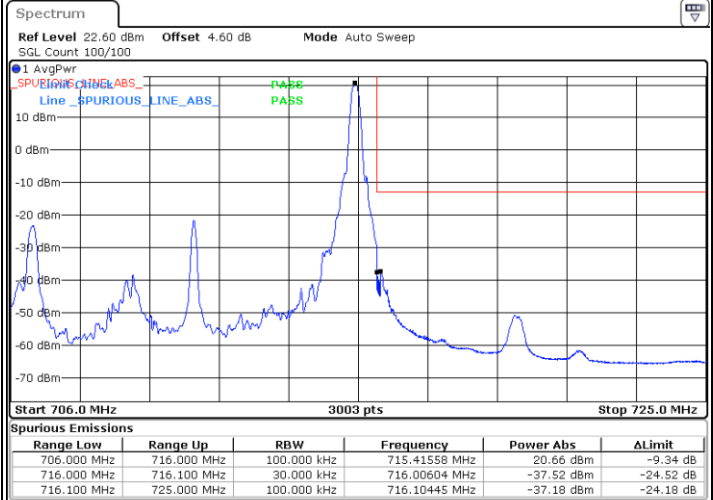


LTE Band 12 / 10MHz / QPSK

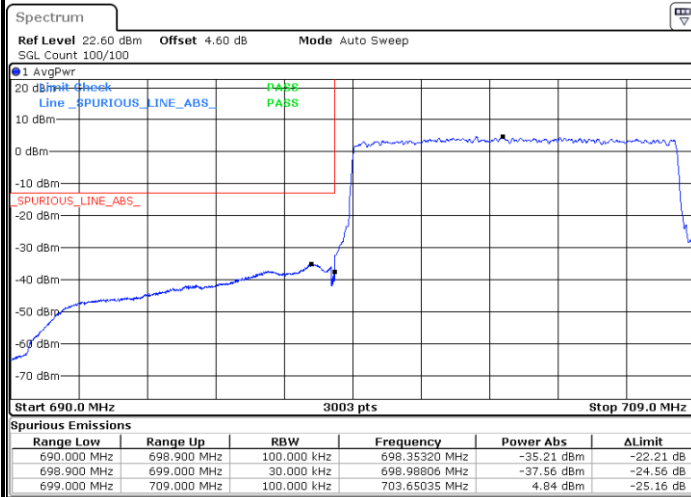
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



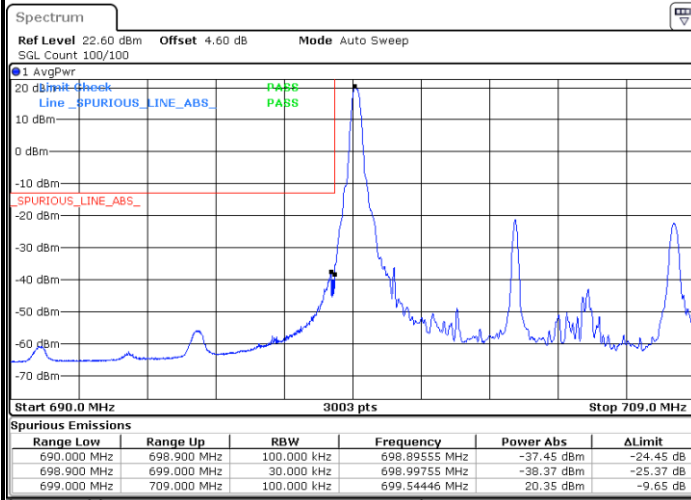
Highest Band Edge / Full RB



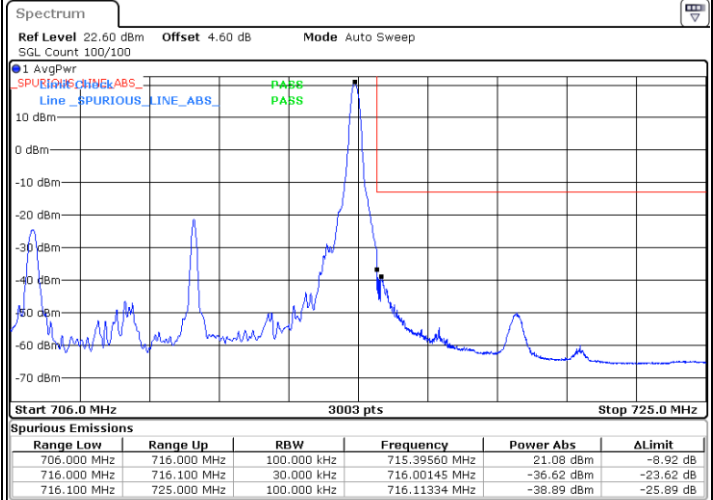


LTE Band 12 / 10MHz / 16QAM

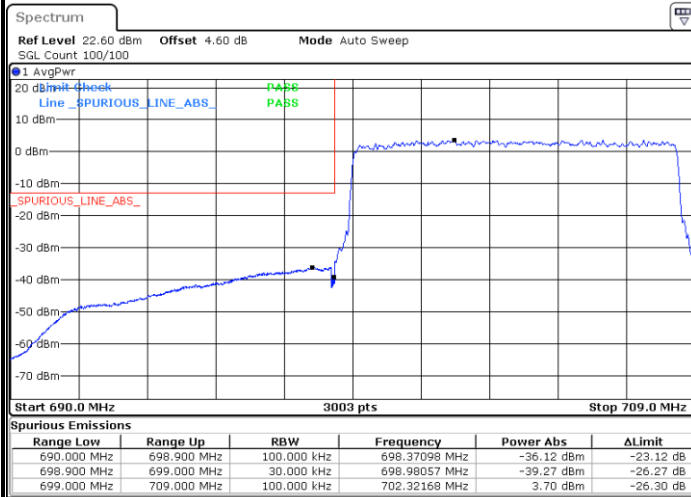
Lowest Band Edge / 1 RB



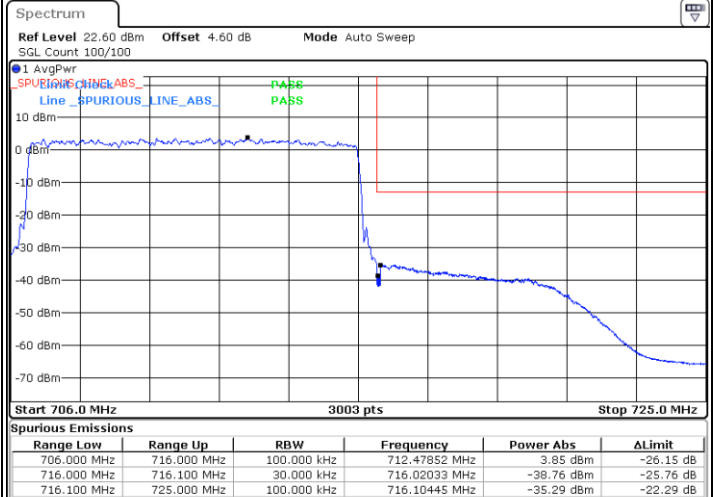
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



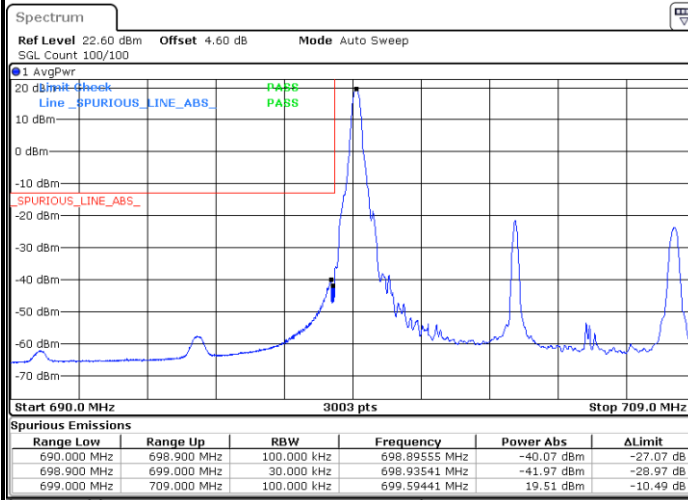
Highest Band Edge / Full RB



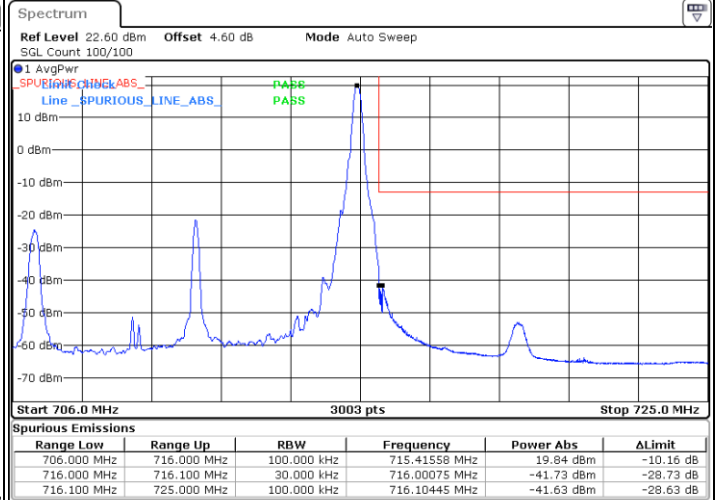


LTE Band 12 / 10MHz / 64QAM

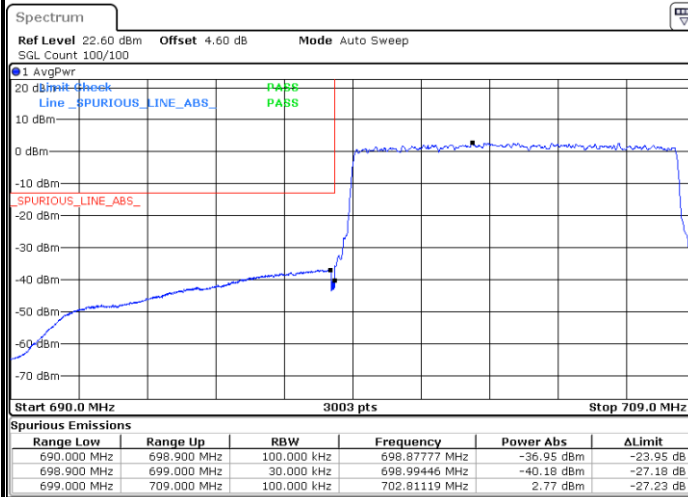
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

