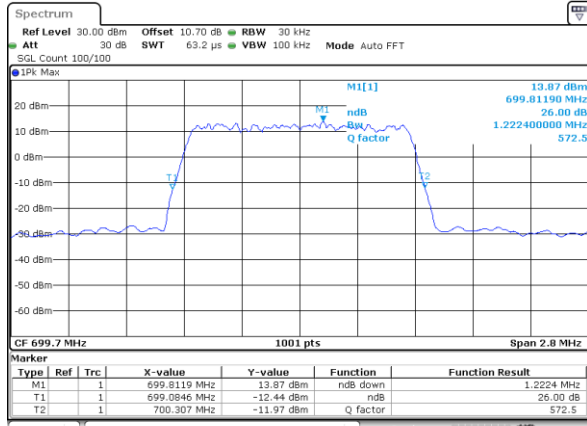




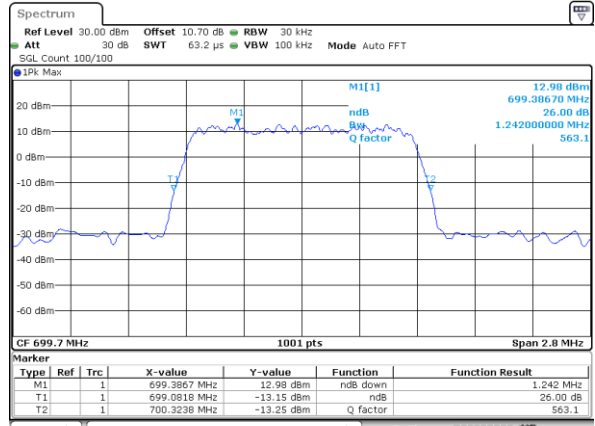
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



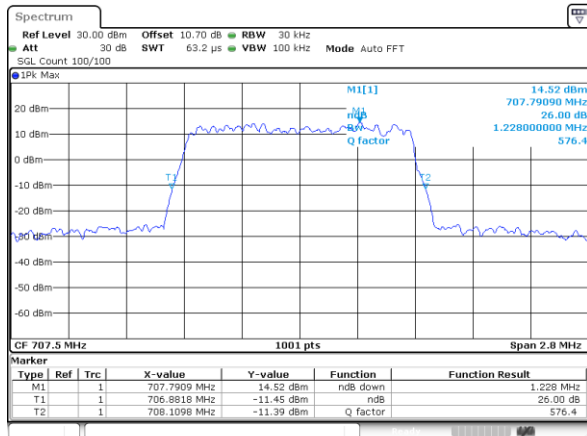
Date: 22.DEC.2019 17:50:44

Lowest Channel / 1.4MHz / 16QAM



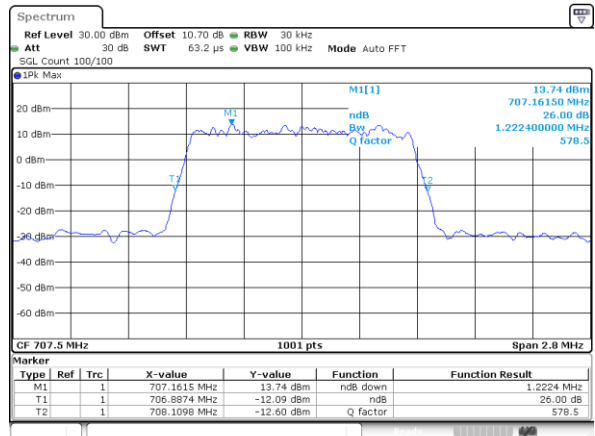
Date: 22.DEC.2019 17:50:30

Middle Channel / 1.4MHz / QPSK



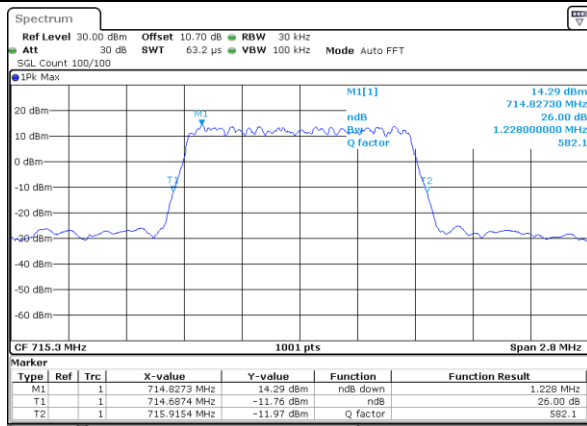
Date: 22.DEC.2019 17:56:40

Middle Channel / 1.4MHz / 16QAM



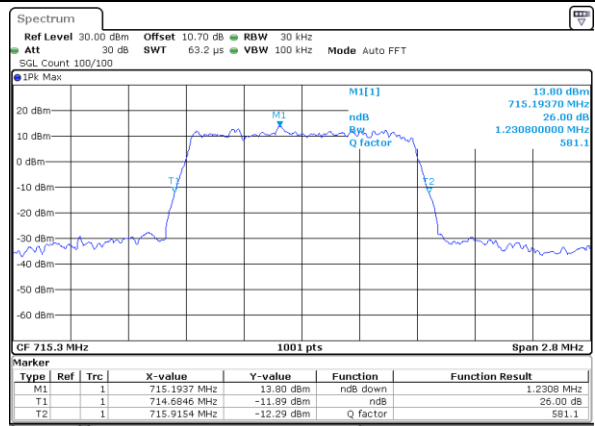
Date: 22.DEC.2019 17:56:53

Highest Channel / 1.4MHz / QPSK



Date: 22.DEC.2019 17:59:37

Highest Channel / 1.4MHz / 16QAM

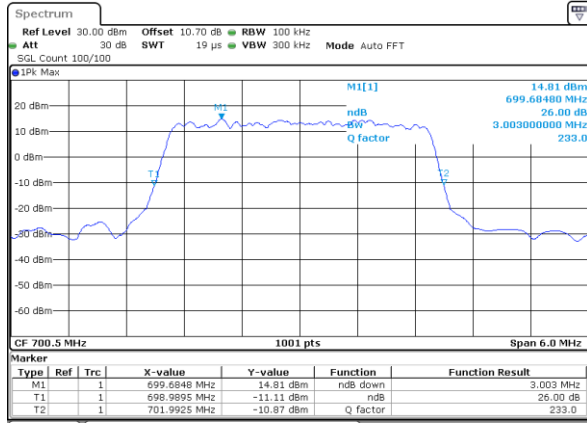


Date: 22.DEC.2019 17:59:23



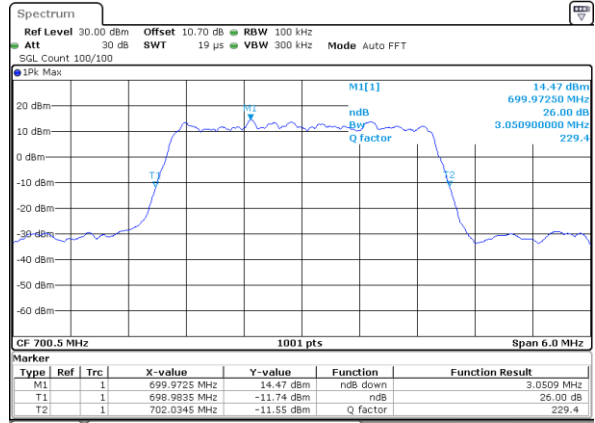
LTE Band 12

Lowest Channel / 3MHz / QPSK



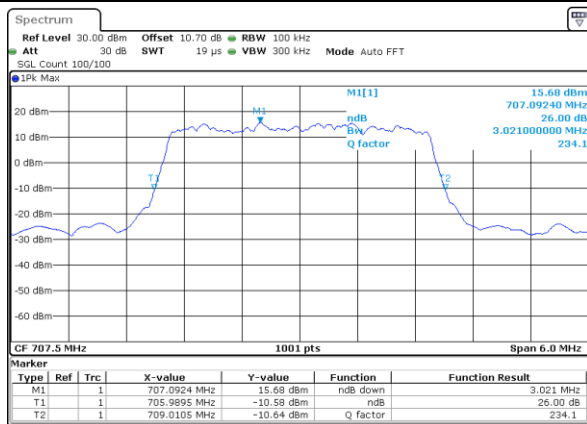
Date: 22.DEC.2019 18:13:17

Lowest Channel / 3MHz / 16QAM



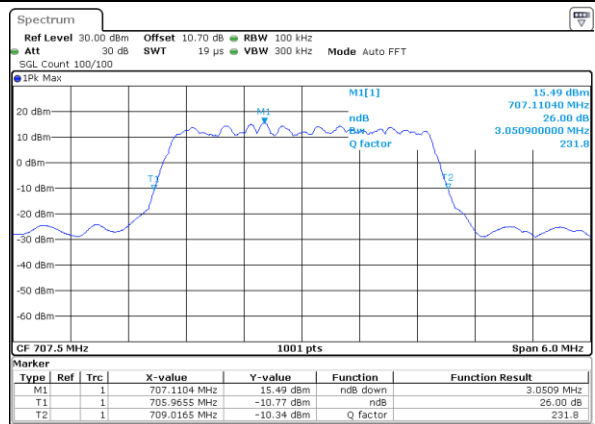
Date: 22.DEC.2019 18:13:03

Middle Channel / 3MHz / QPSK



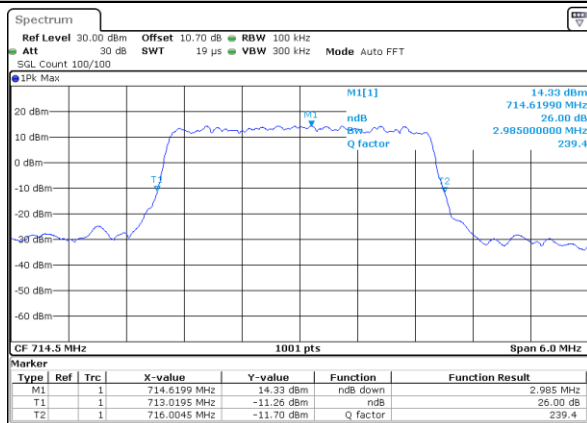
Date: 22.DEC.2019 18:19:11

Middle Channel / 3MHz / 16QAM



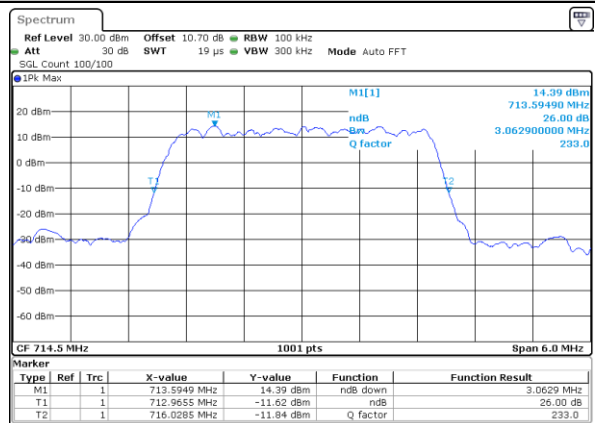
Date: 22.DEC.2019 20:21:14

Highest Channel / 3MHz / QPSK



Date: 22.DEC.2019 18:21:52

Highest Channel / 3MHz / 16QAM

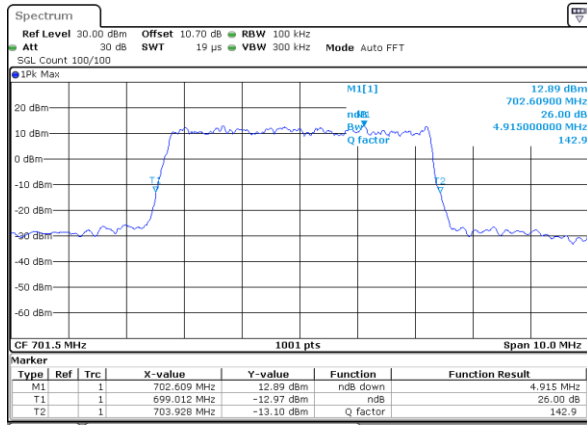


Date: 22.DEC.2019 18:21:38

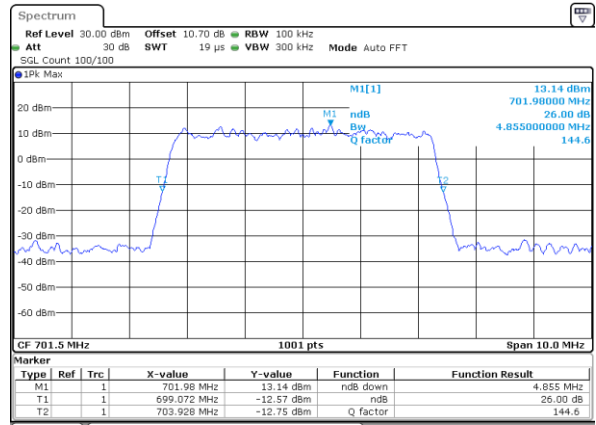


LTE Band 12

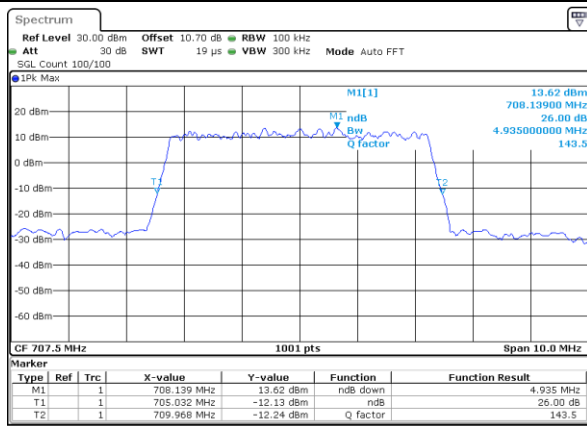
Lowest Channel / 5MHz / QPSK



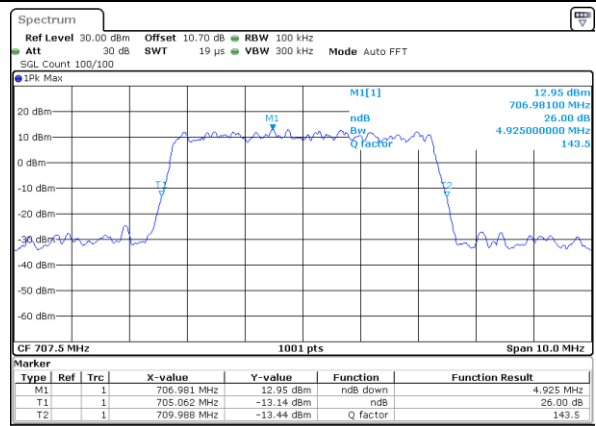
Lowest Channel / 5MHz / 16QAM



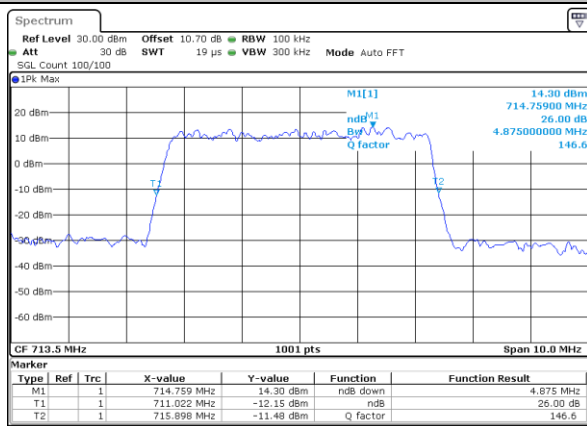
Middle Channel / 5MHz / QPSK



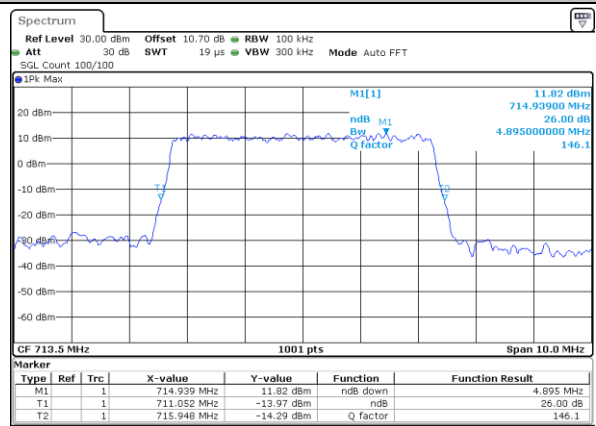
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



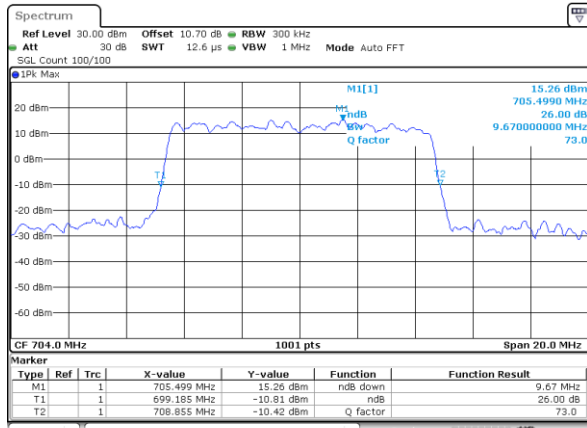
Highest Channel / 5MHz / 16QAM





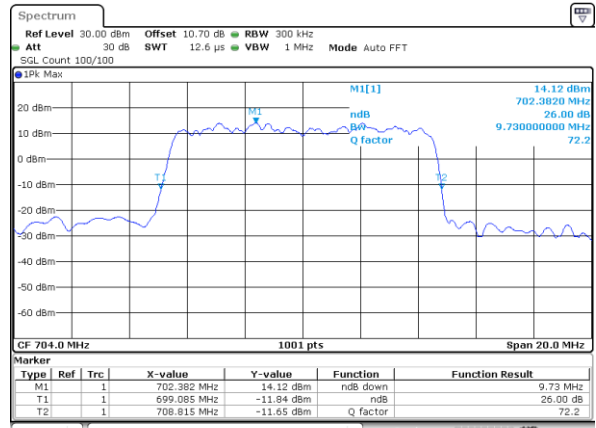
LTE Band 12

Lowest Channel / 10MHz / QPSK



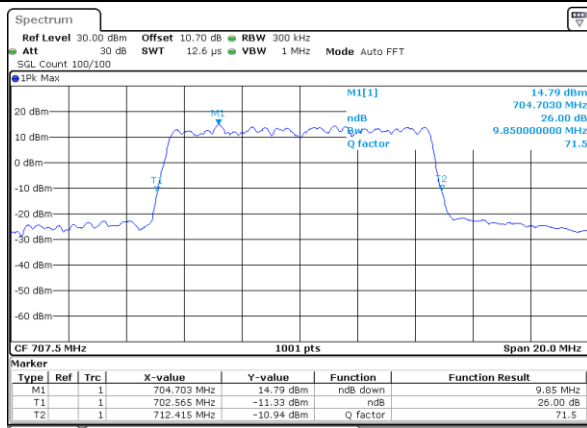
Date: 22.DEC.2019 18:58:01

Lowest Channel / 10MHz / 16QAM



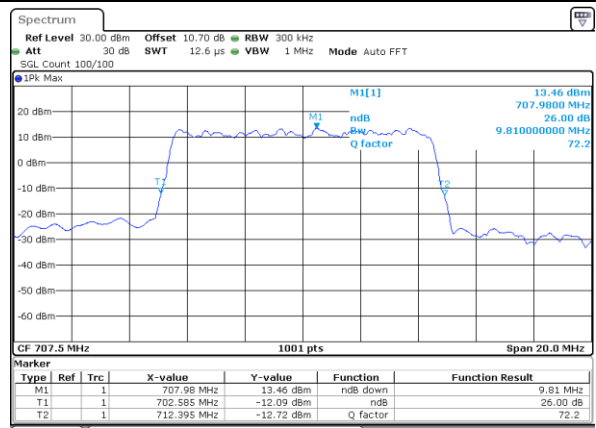
Date: 22.DEC.2019 18:57:47

Middle Channel / 10MHz / QPSK



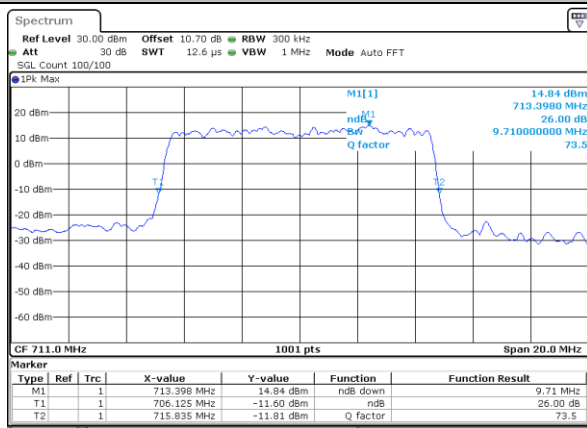
Date: 22.DEC.2019 19:03:57

Middle Channel / 10MHz / 16QAM



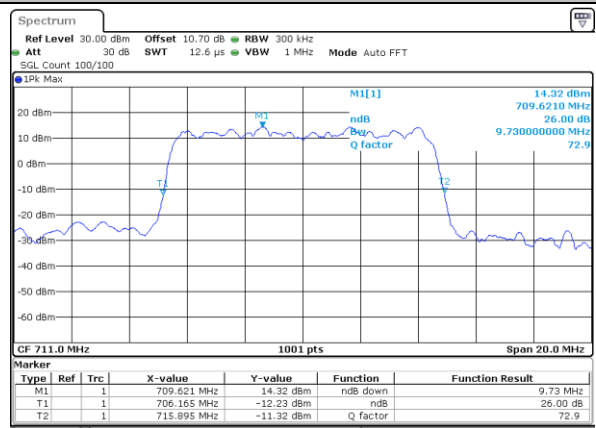
Date: 22.DEC.2019 19:04:10

Highest Channel / 10MHz / QPSK



Date: 22.DEC.2019 19:06:53

Highest Channel / 10MHz / 16QAM

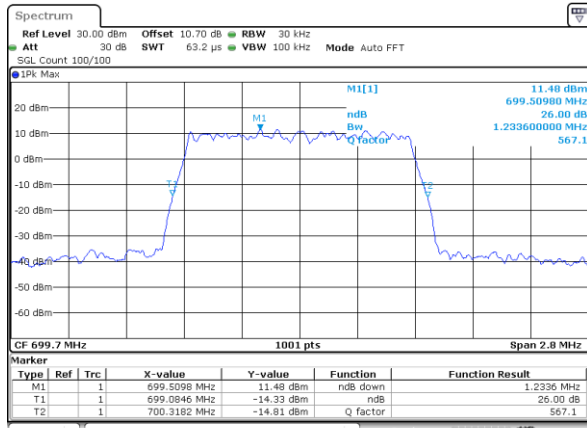


Date: 22.DEC.2019 19:06:40



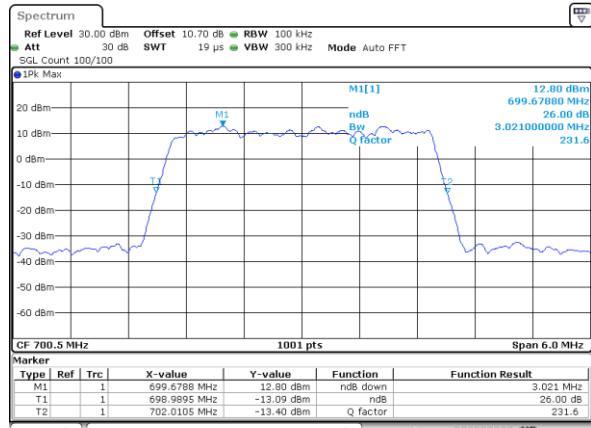
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



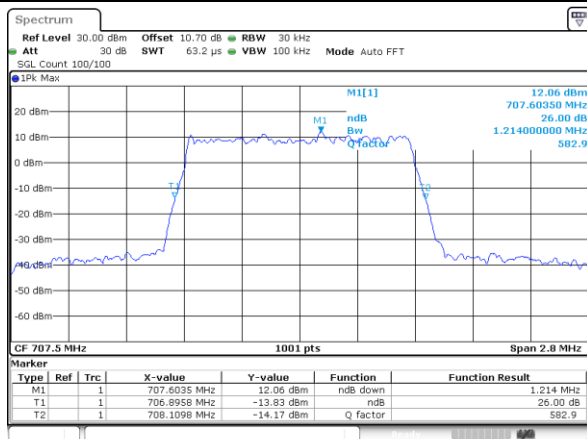
Date: 22.DEC.2019 18:05:10

Lowest Channel / 3MHz / 64QAM



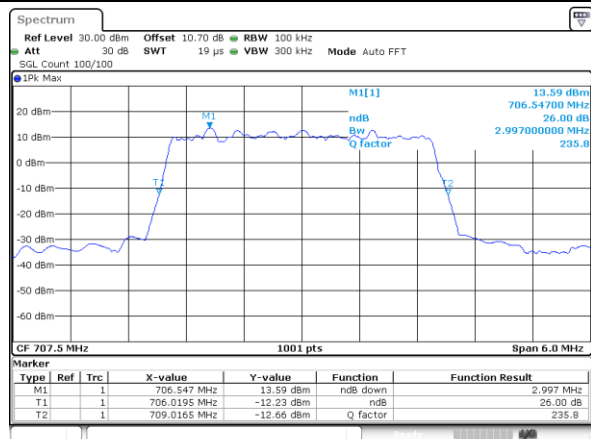
Date: 22.DEC.2019 18:27:134

Middle Channel / 1.4MHz / 64QAM



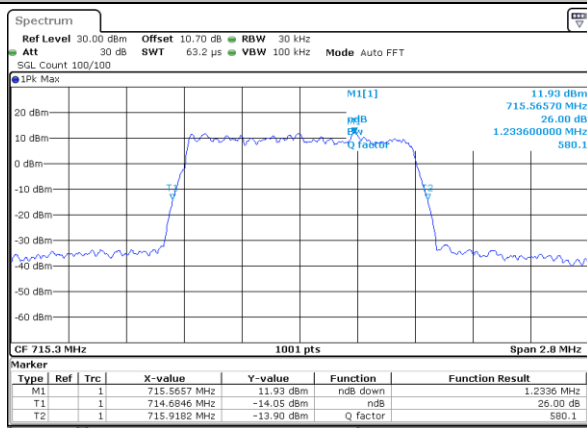
Date: 22.DEC.2019 18:08:22

Middle Channel / 3MHz / 64QAM



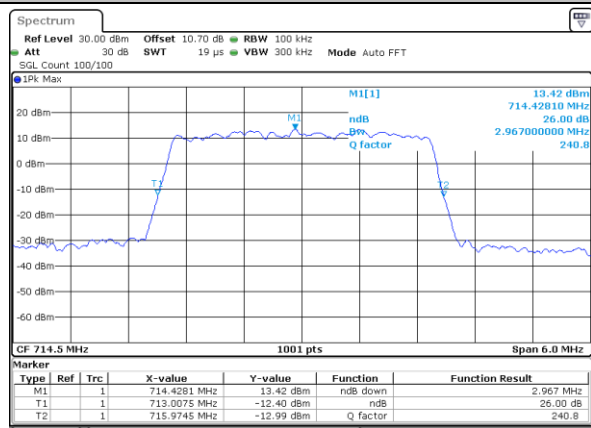
Date: 22.DEC.2019 18:30:137

Highest Channel / 1.4MHz / 64QAM



Date: 22.DEC.2019 18:09:44

Highest Channel / 3MHz / 64QAM

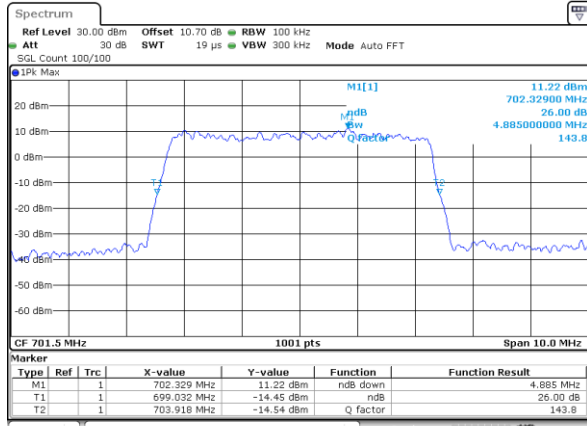


Date: 22.DEC.2019 18:31:59

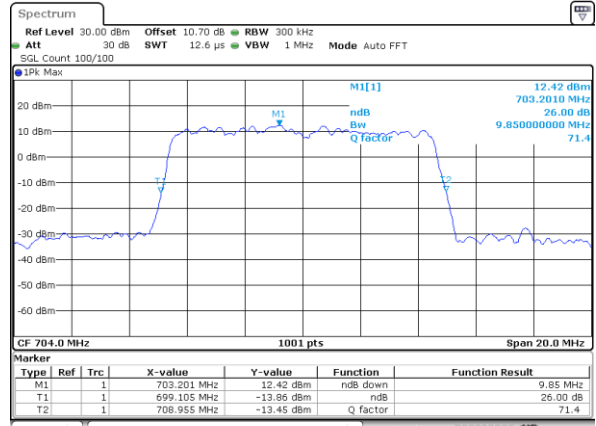


LTE Band 12

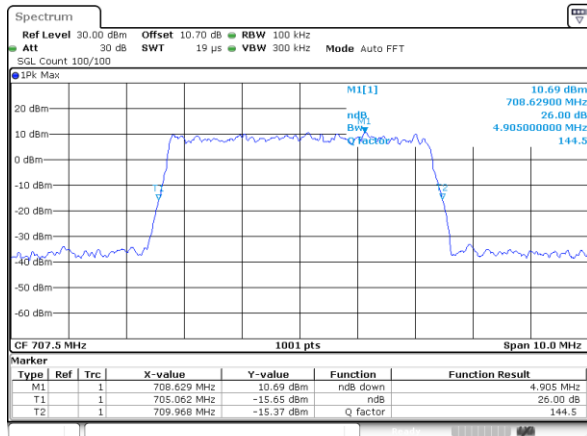
Lowest Channel / 5MHz / 64QAM



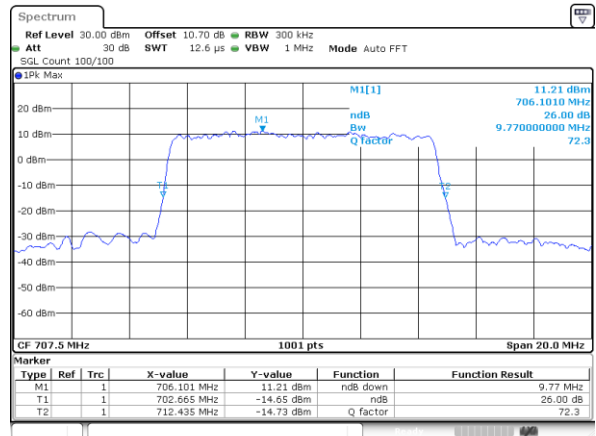
Lowest Channel / 10MHz / 64QAM



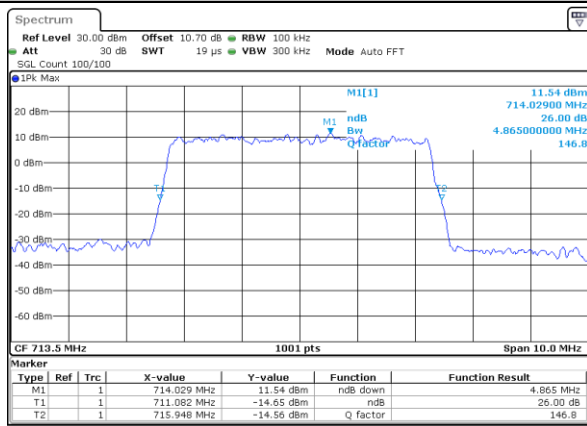
Middle Channel / 5MHz / 64QAM



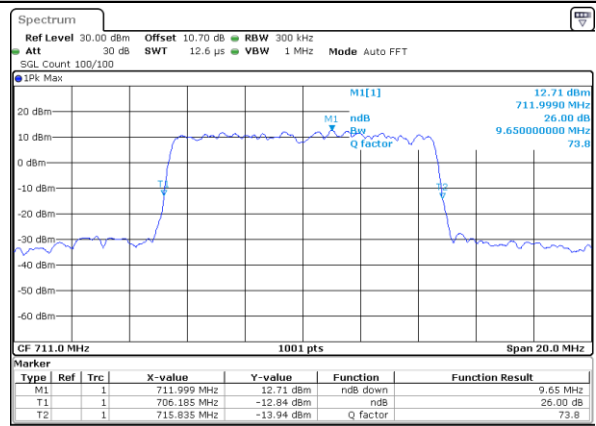
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



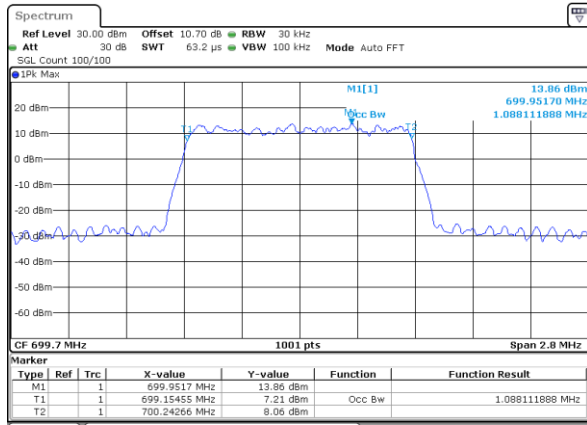
**Occupied Bandwidth**

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.73	2.72	4.49	4.48	9.05	9.01	-	-	-	-
Middle CH	1.09	1.10	2.72	2.73	4.50	4.49	9.07	9.05	-	-	-	-
Highest CH	1.09	1.09	2.71	2.71	4.49	4.47	9.05	8.97	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08	-	2.72	-	4.48	-	8.99	-	-	-	-	-
Middle CH	1.09	-	2.72	-	4.50	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.74	-	4.48	-	8.99	-	-	-	-	-



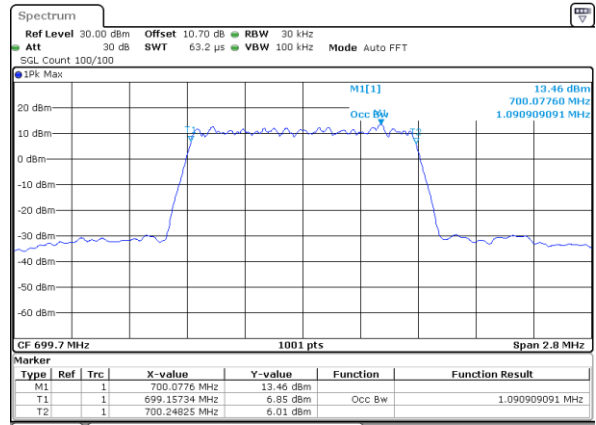
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



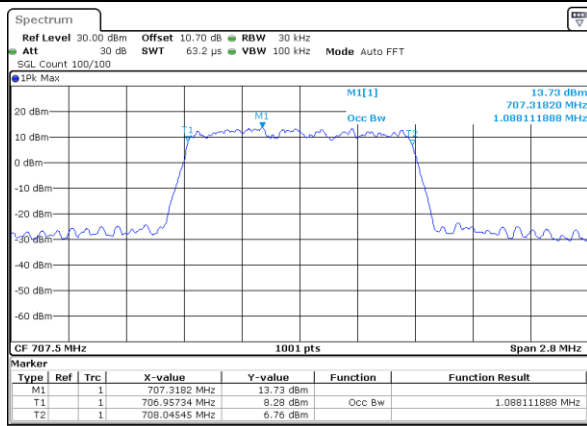
Date: 22.DEC.2019 17:50:01

Lowest Channel / 1.4MHz / 16QAM



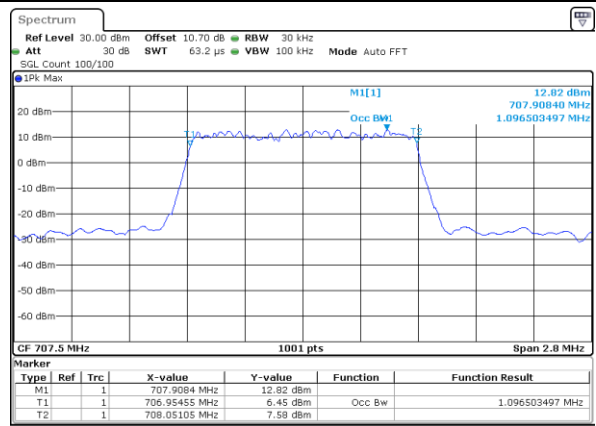
Date: 22.DEC.2019 17:50:16

Middle Channel / 1.4MHz / QPSK



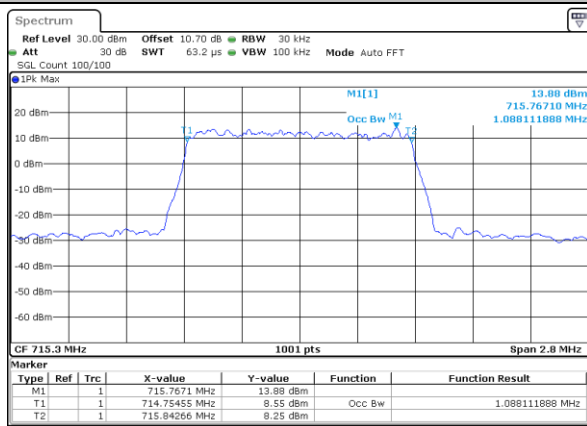
Date: 22.DEC.2019 17:56:27

Middle Channel / 1.4MHz / 16QAM



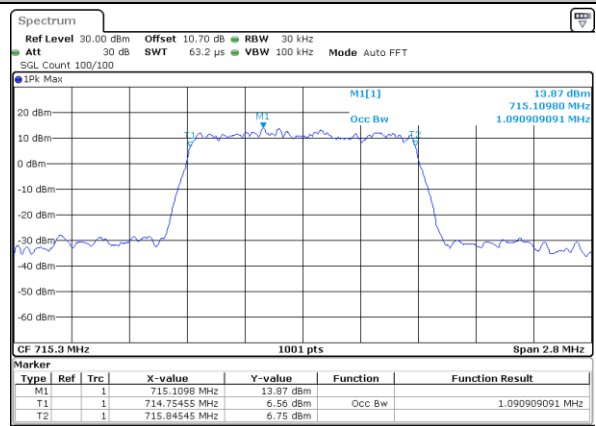
Date: 22.DEC.2019 17:56:13

Highest Channel / 1.4MHz / QPSK



Date: 22.DEC.2019 17:58:56

Highest Channel / 1.4MHz / 16QAM

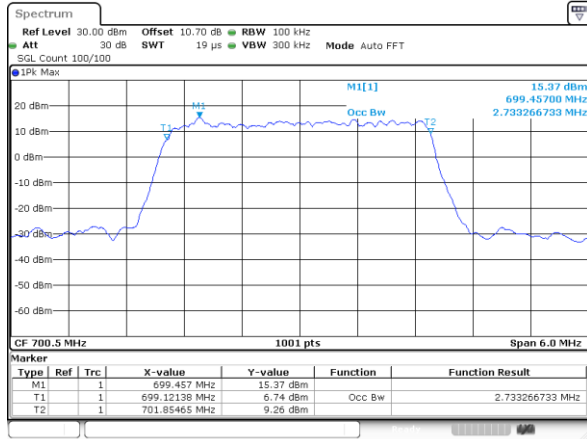


Date: 22.DEC.2019 17:59:09

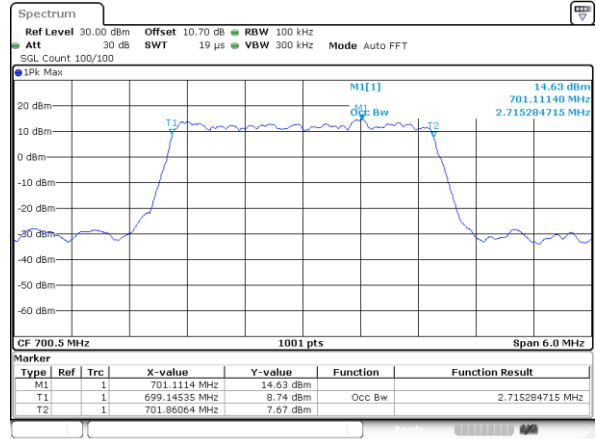


LTE Band 12

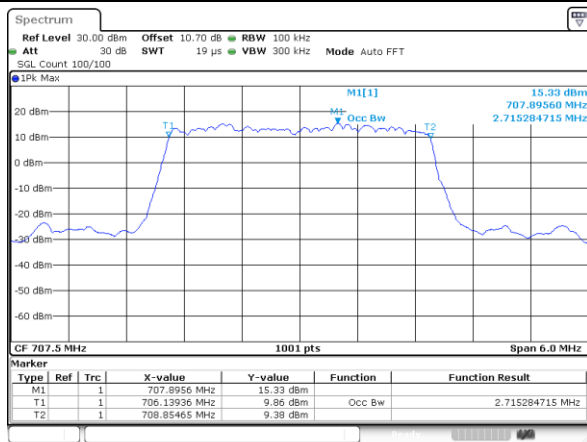
Lowest Channel / 3MHz / QPSK



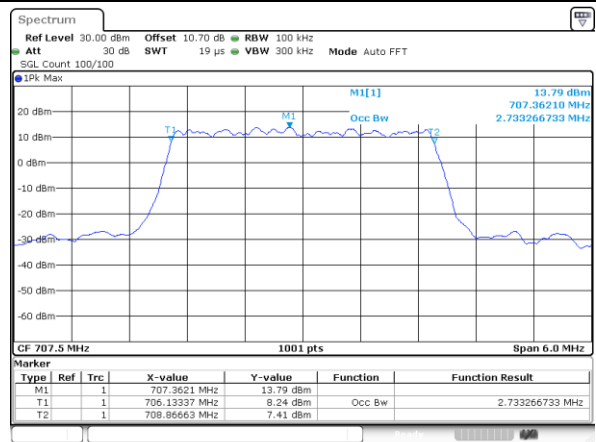
Lowest Channel / 3MHz / 16QAM



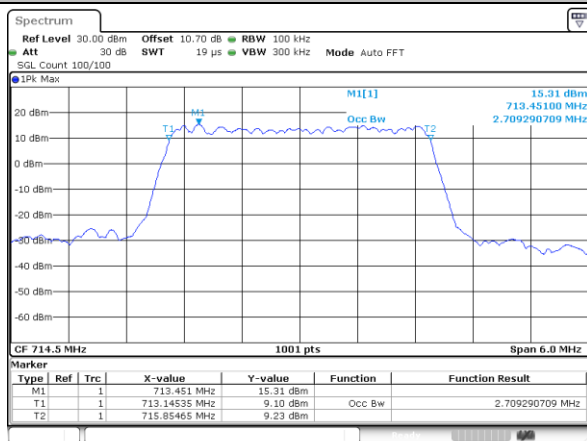
Middle Channel / 3MHz / QPSK



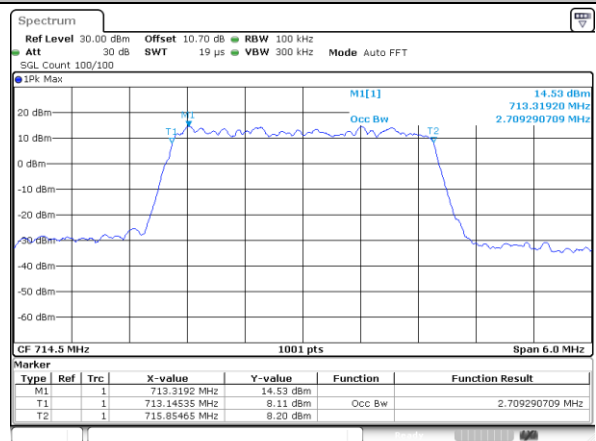
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



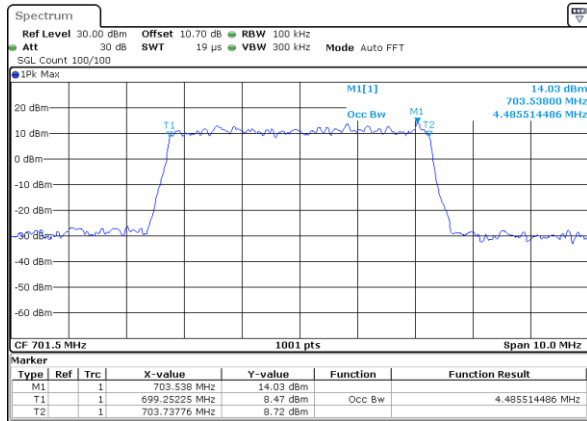
Highest Channel / 3MHz / 16QAM





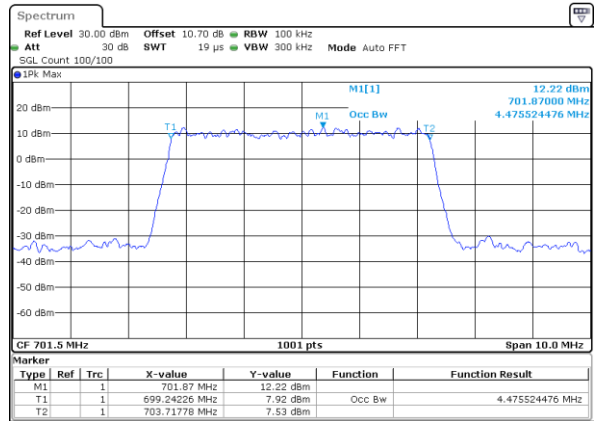
LTE Band 12

Lowest Channel / 5MHz / QPSK



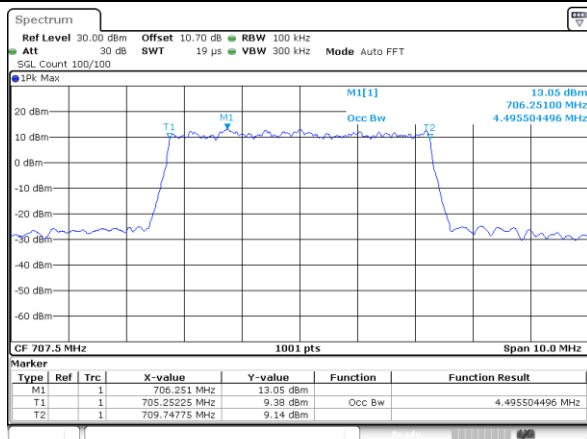
Date: 22.DEC.2019 18:42:20

Lowest Channel / 5MHz / 16QAM



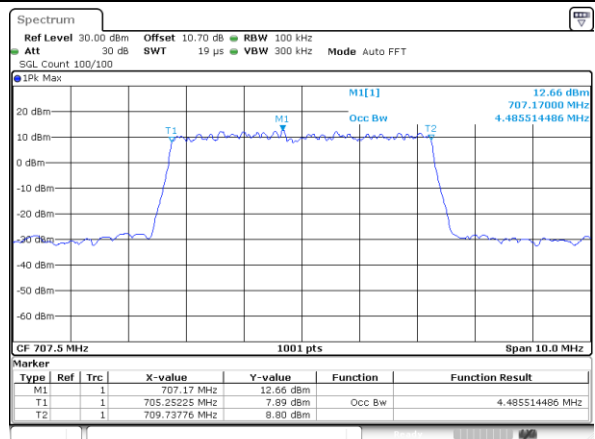
Date: 22.DEC.2019 18:42:33

Middle Channel / 5MHz / QPSK



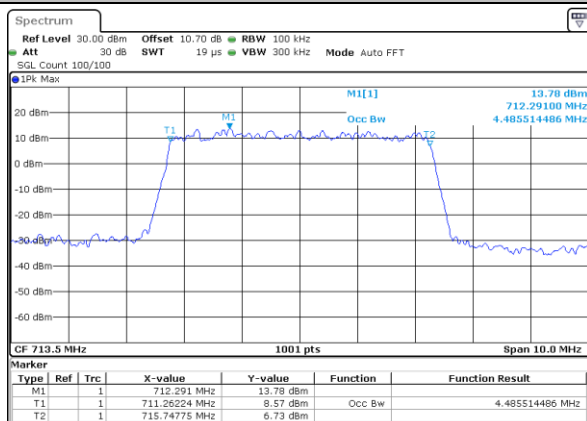
Date: 22.DEC.2019 18:48:42

Middle Channel / 5MHz / 16QAM



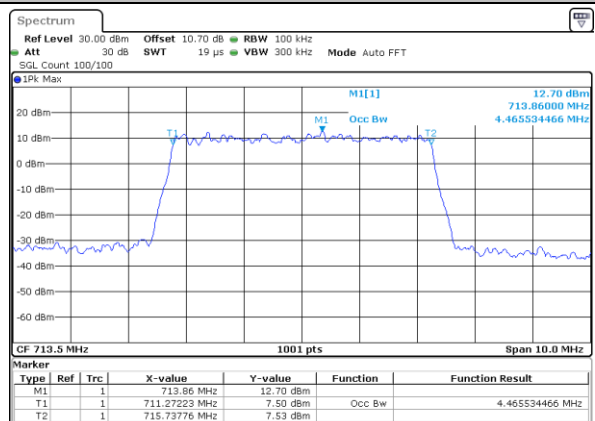
Date: 22.DEC.2019 18:48:29

Highest Channel / 5MHz / QPSK



Date: 22.DEC.2019 18:51:11

Highest Channel / 5MHz / 16QAM

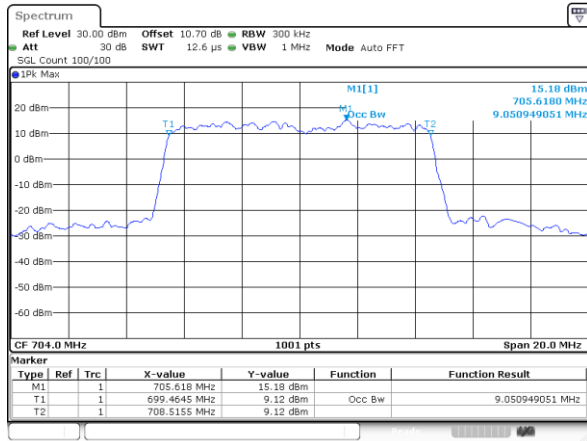


Date: 22.DEC.2019 18:51:24

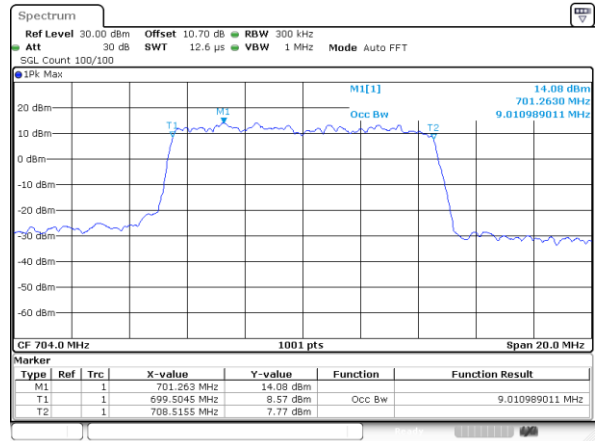


LTE Band 12

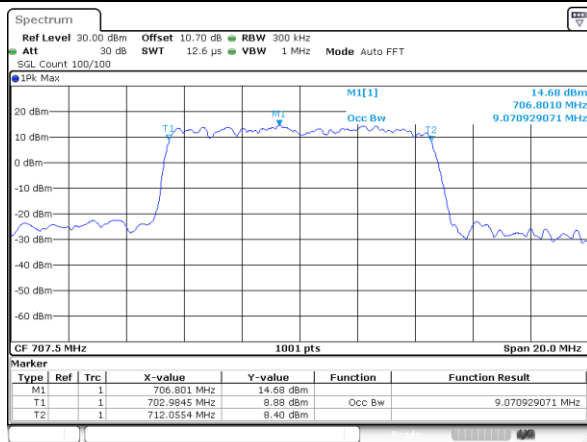
Lowest Channel / 10MHz / QPSK



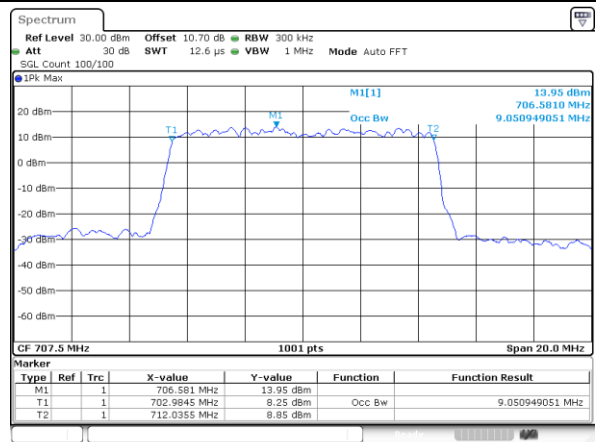
Lowest Channel / 10MHz / 16QAM



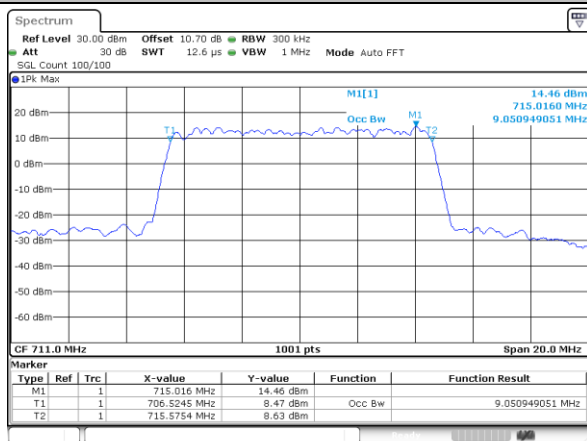
Middle Channel / 10MHz / QPSK



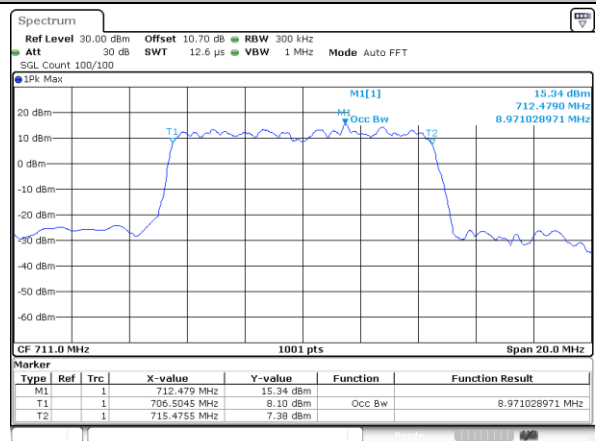
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



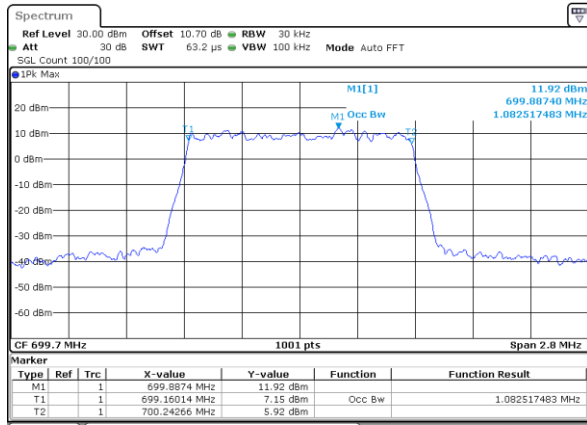
Highest Channel / 10MHz / 16QAM





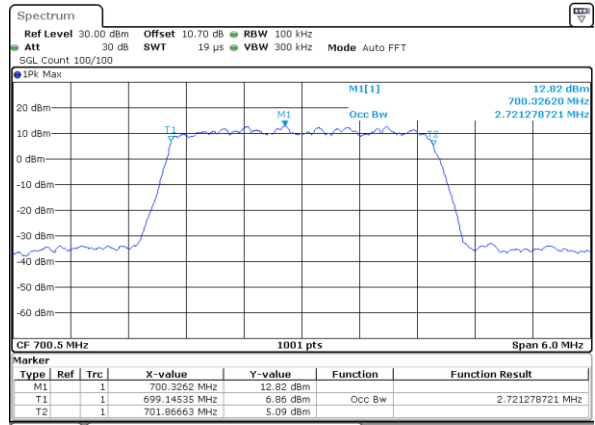
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



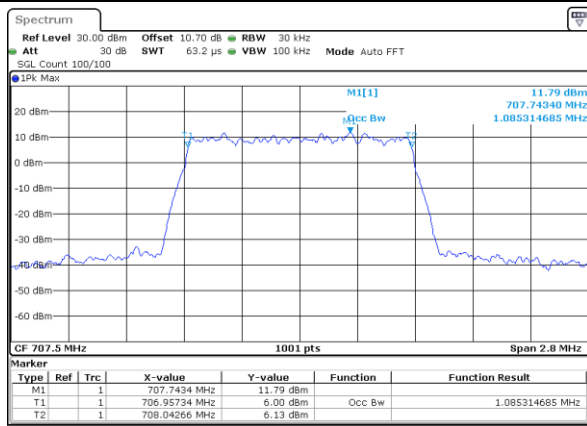
Date: 22.DEC.2019 18:05:05

Lowest Channel / 3MHz / 64QAM



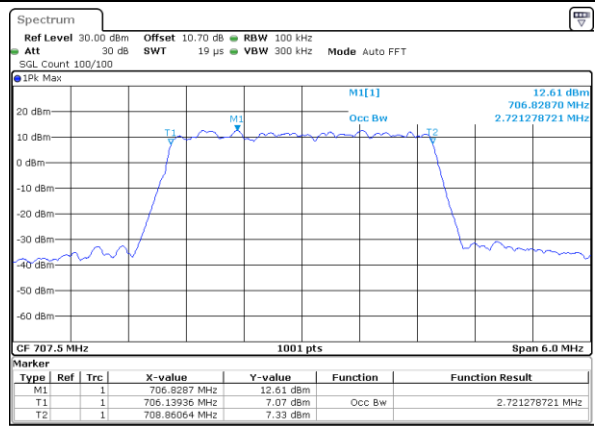
Date: 22.DEC.2019 18:27:20

Middle Channel / 1.4MHz / 64QAM



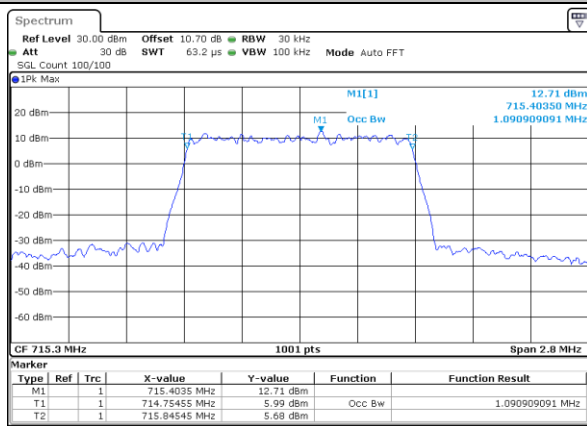
Date: 22.DEC.2019 18:08:09

Middle Channel / 3MHz / 64QAM



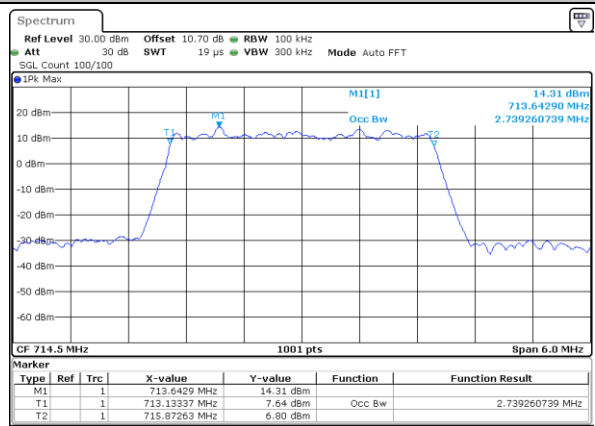
Date: 22.DEC.2019 18:30:24

Highest Channel / 1.4MHz / 64QAM



Date: 22.DEC.2019 18:09:31

Highest Channel / 3MHz / 64QAM

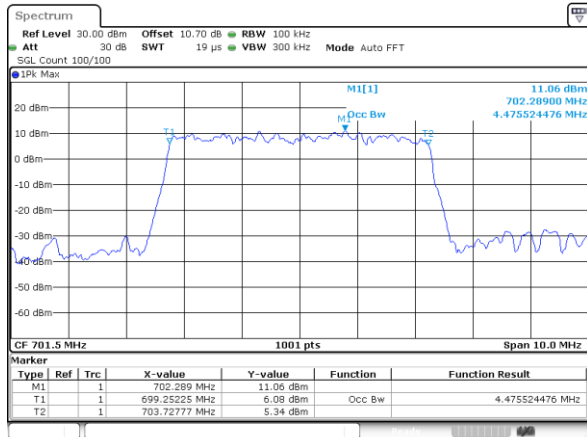


Date: 22.DEC.2019 18:31:45

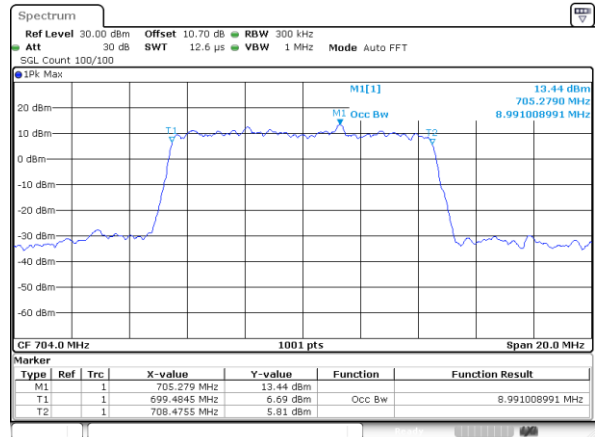


LTE Band 12

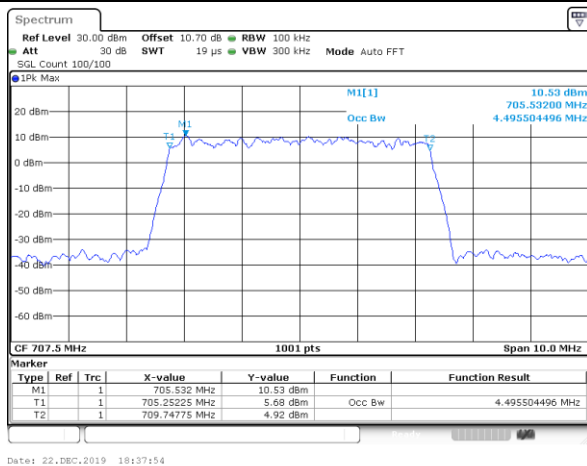
Lowest Channel / 5MHz / 64QAM



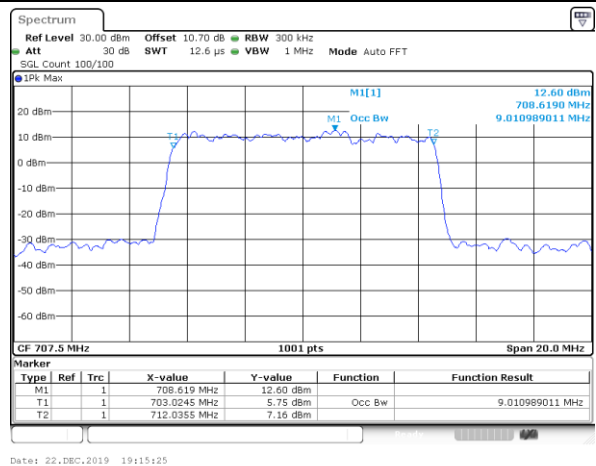
Lowest Channel / 10MHz / 64QAM



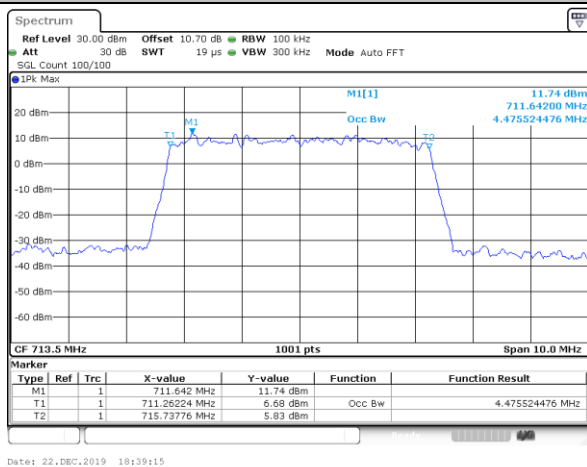
Middle Channel / 5MHz / 64QAM



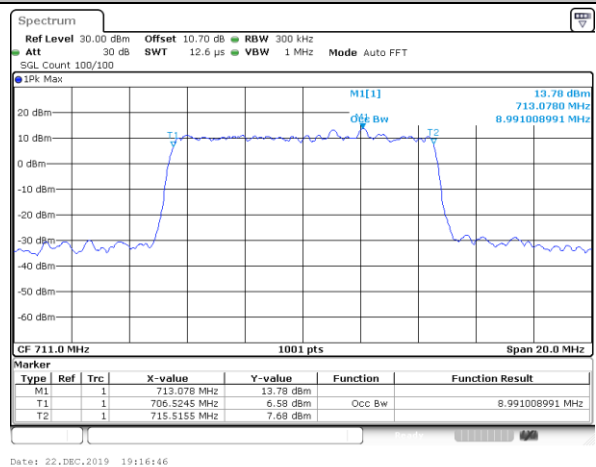
Middle Channel / 10MHz / 64QAM

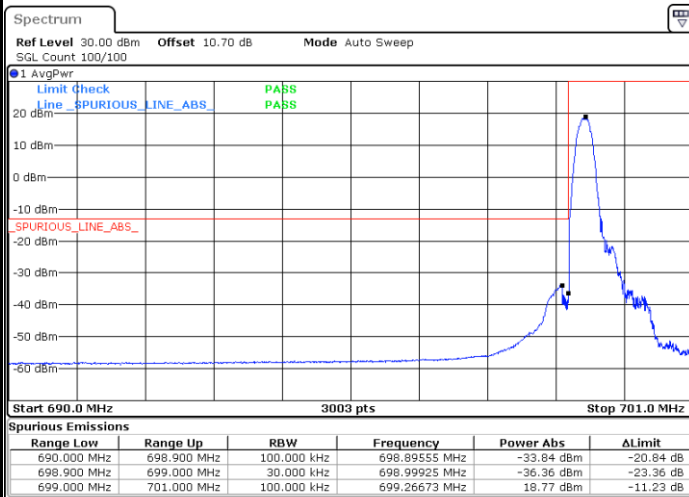
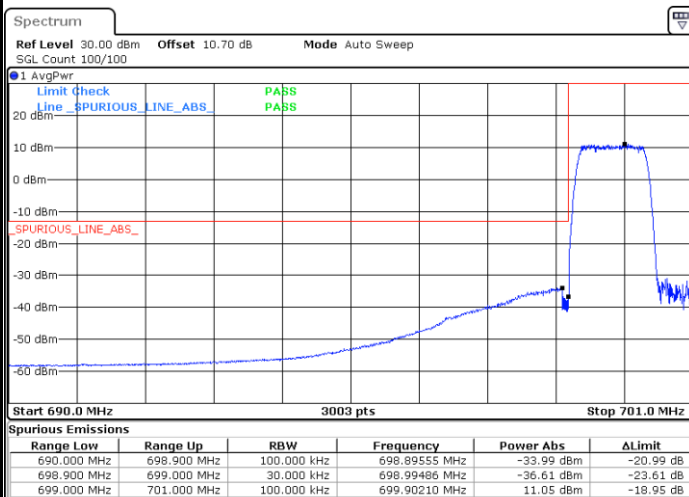
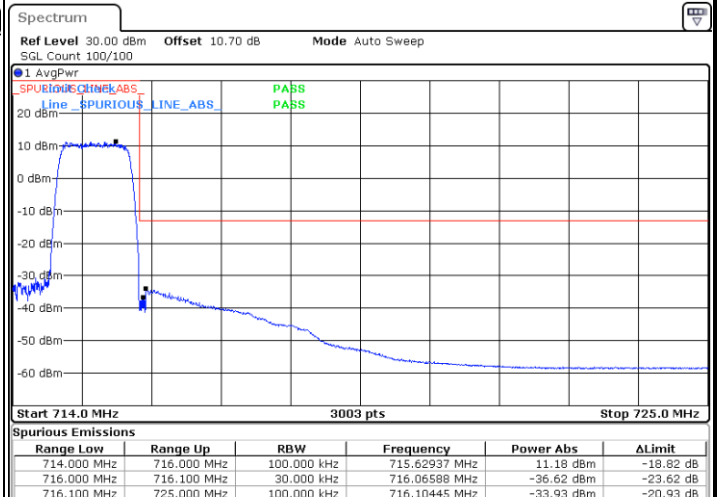


Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

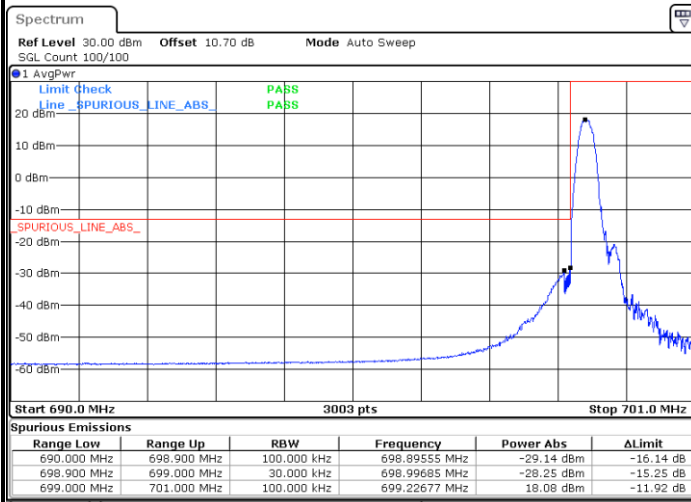


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

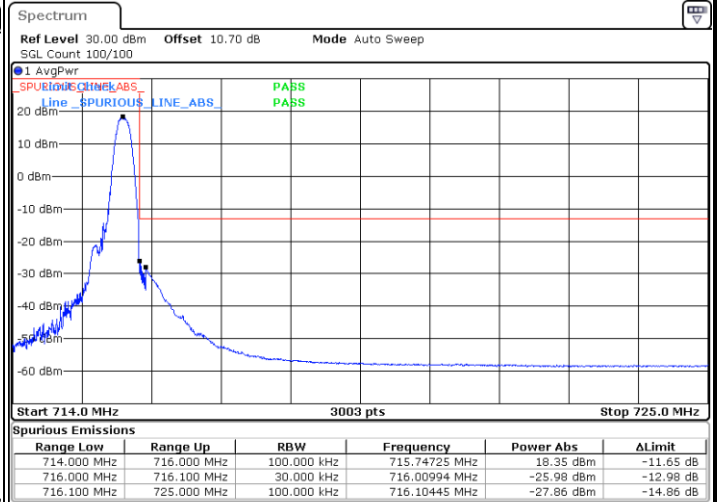


LTE Band 12 / 1.4MHz / 16QAM

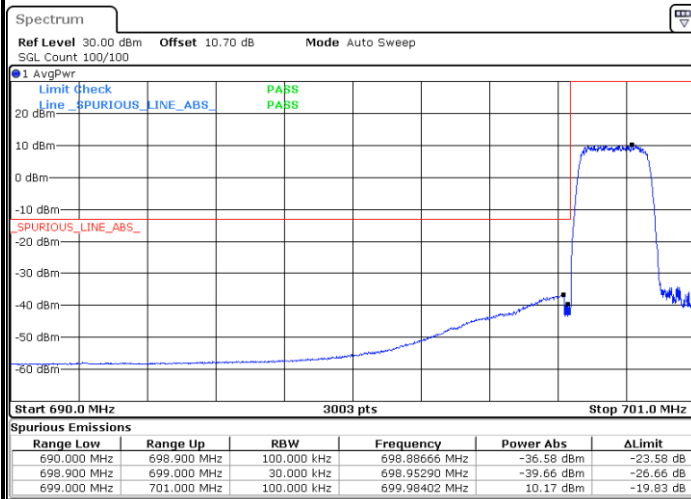
Lowest Band Edge / 1 RB



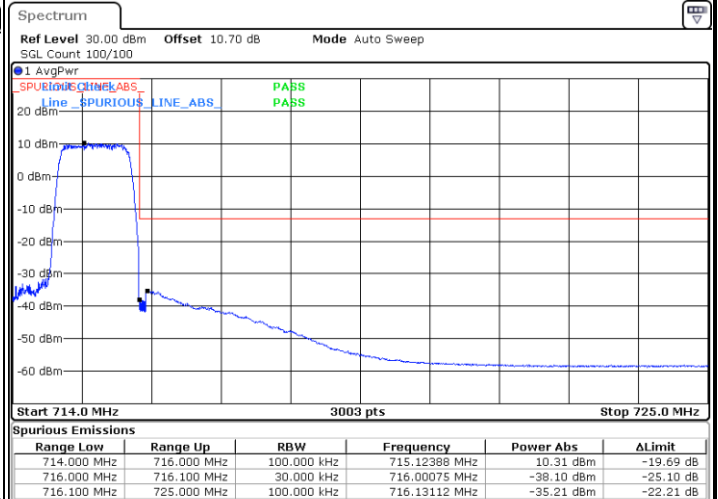
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



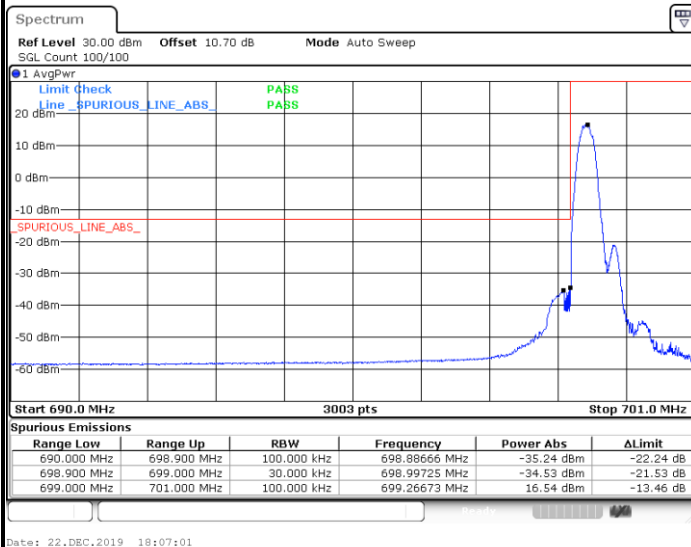
Highest Band Edge / Full RB



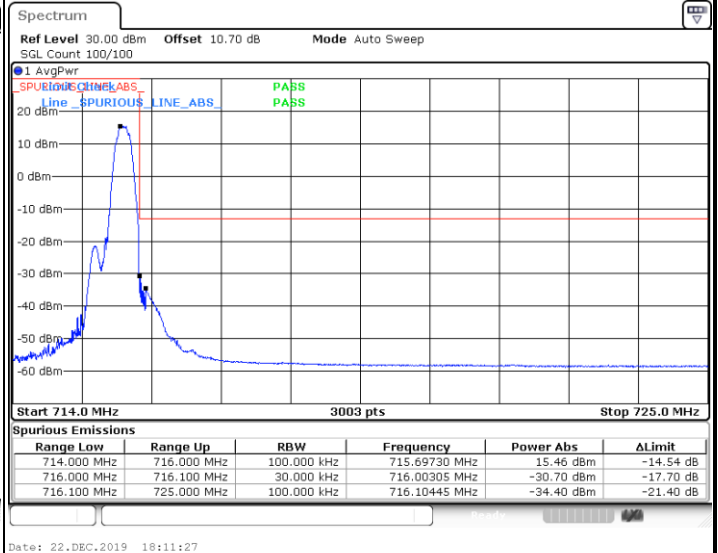


LTE Band 12 / 1.4MHz / 64QAM

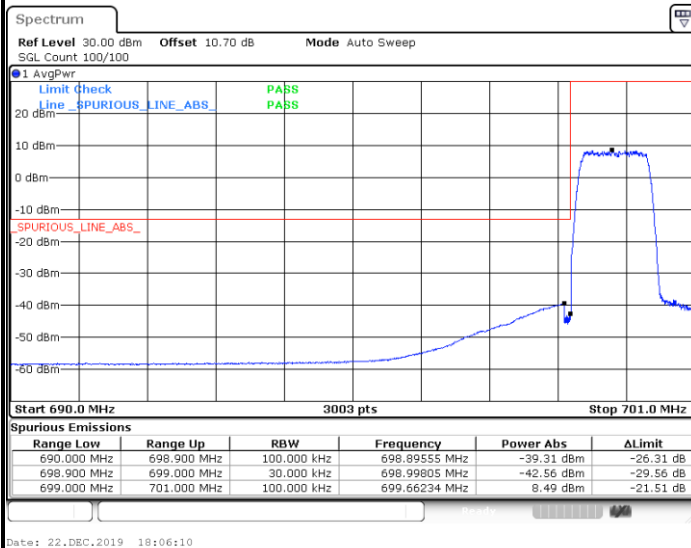
Lowest Band Edge / 1 RB



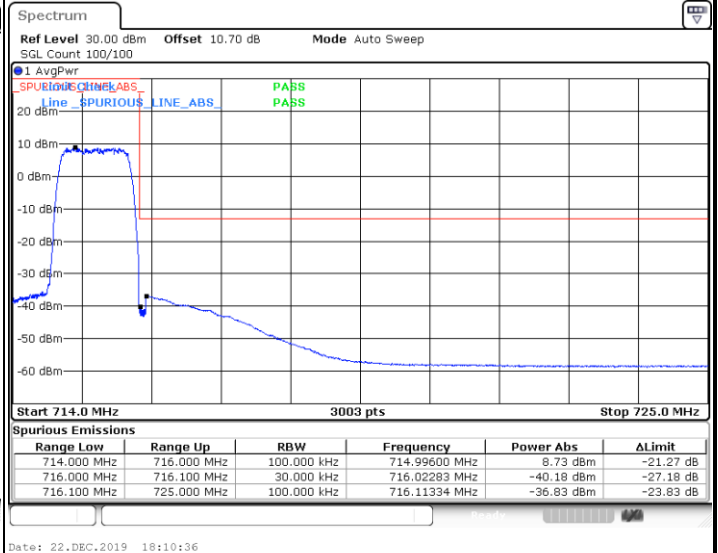
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



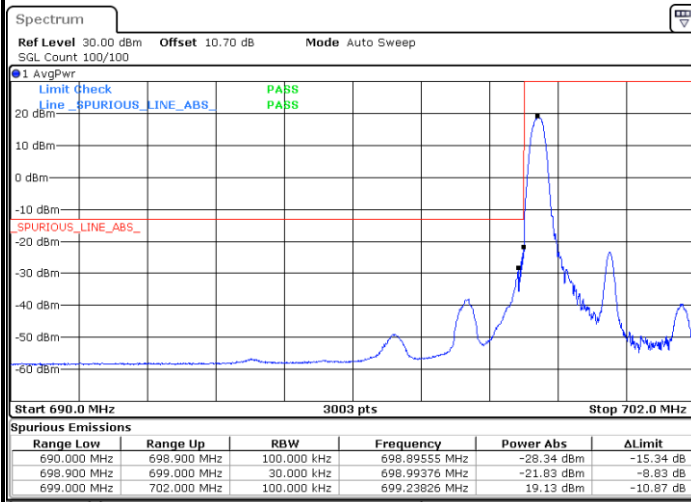
Highest Band Edge / Full RB



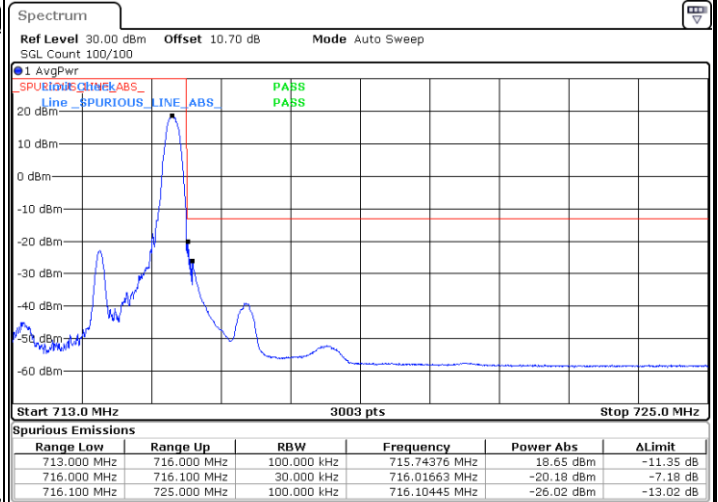


LTE Band 12 / 3MHz / QPSK

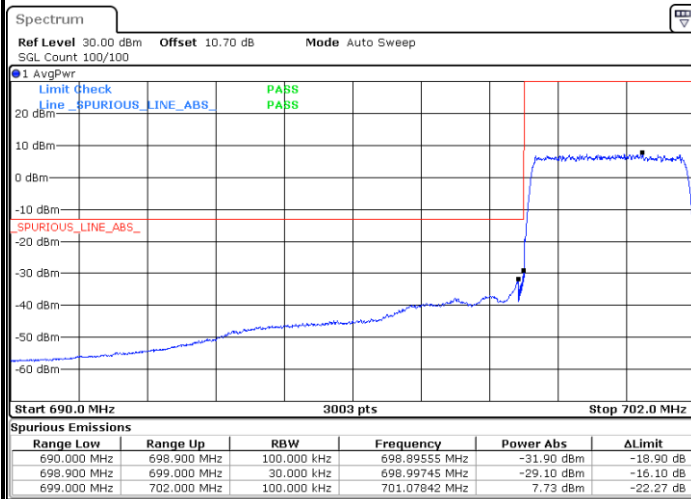
Lowest Band Edge / 1RB



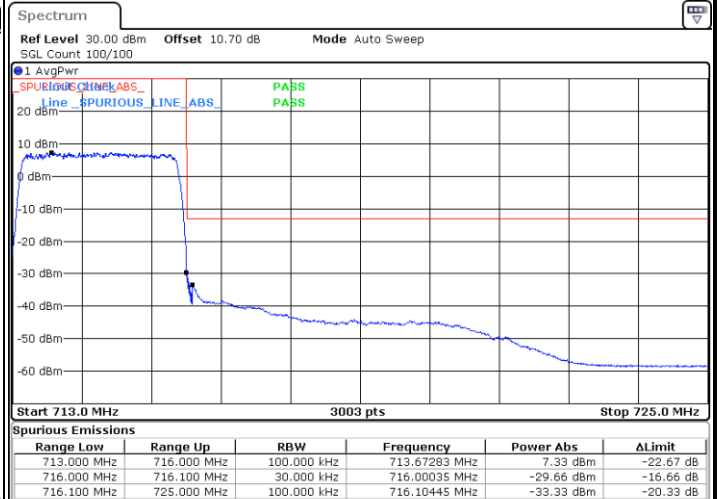
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



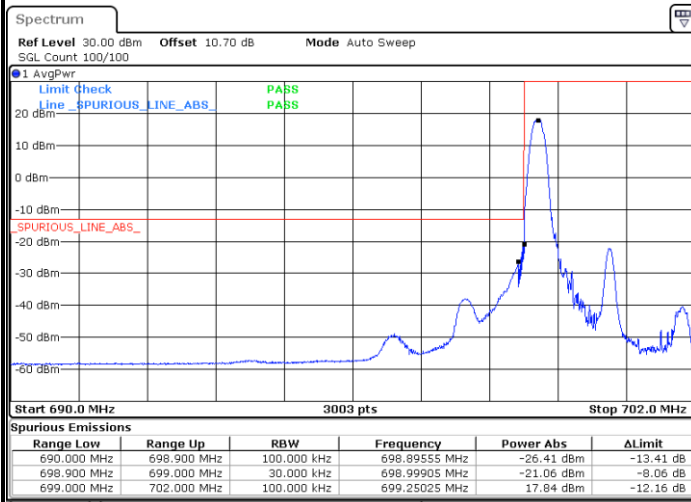
Highest Band Edge / Full RB



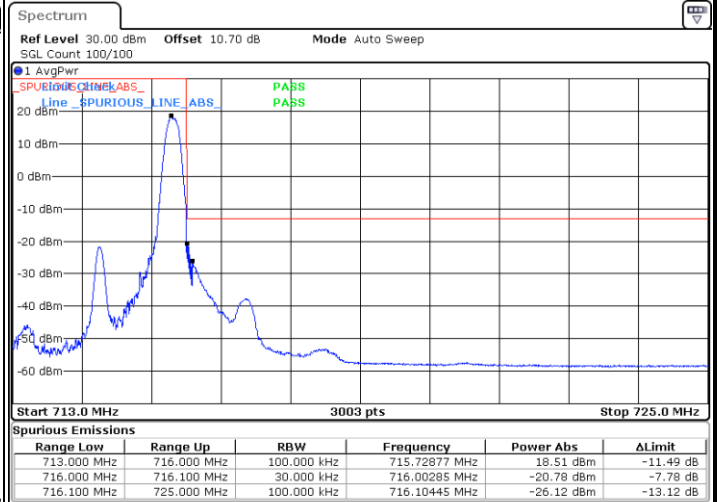


LTE Band 12 / 3MHz / 16QAM

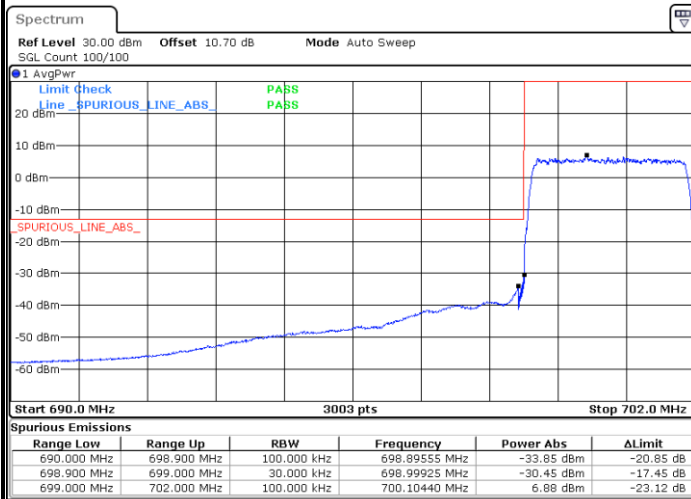
Lowest Band Edge / 1 RB



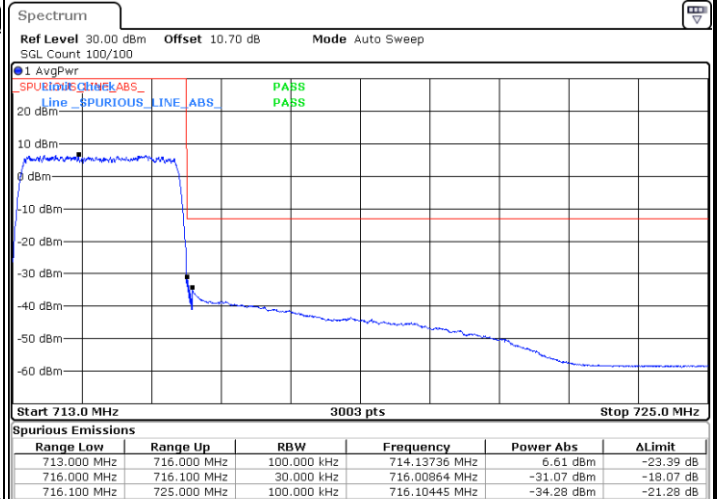
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



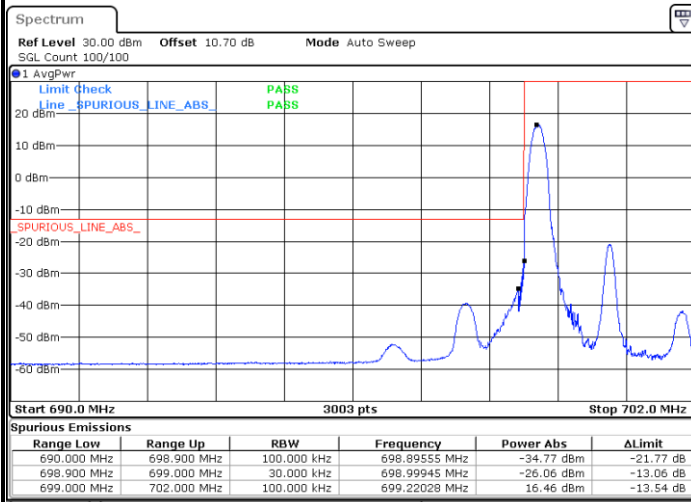
Highest Band Edge / Full RB



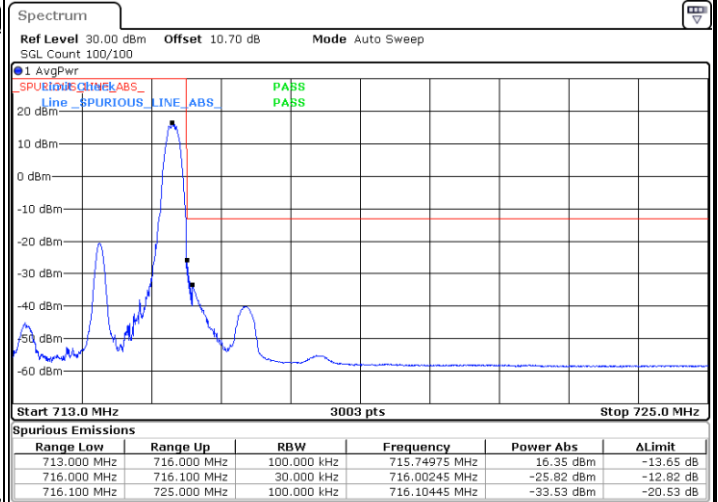


LTE Band 12 / 3MHz / 64QAM

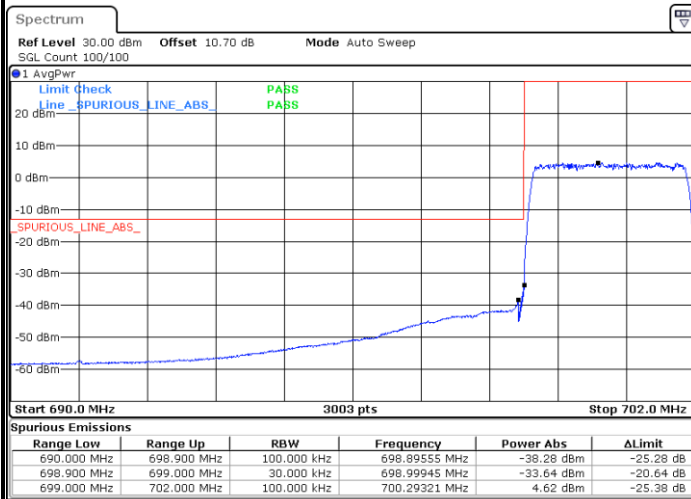
Lowest Band Edge / 1 RB



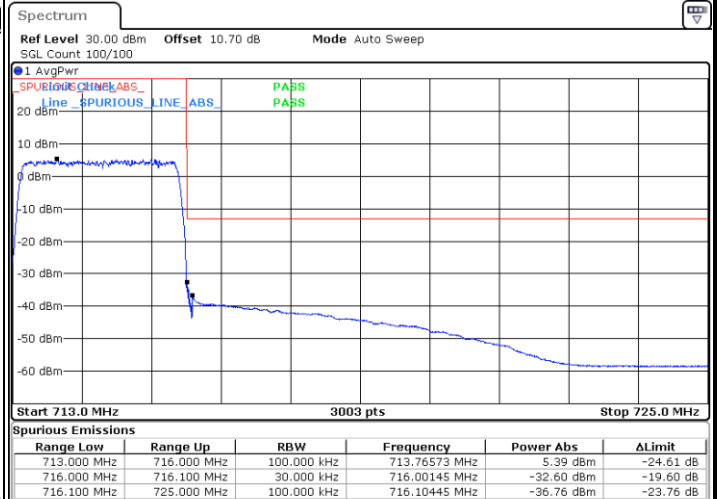
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



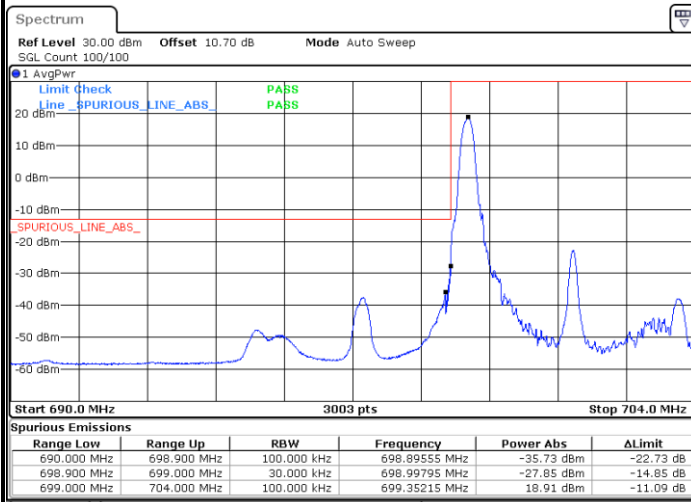
Highest Band Edge / Full RB



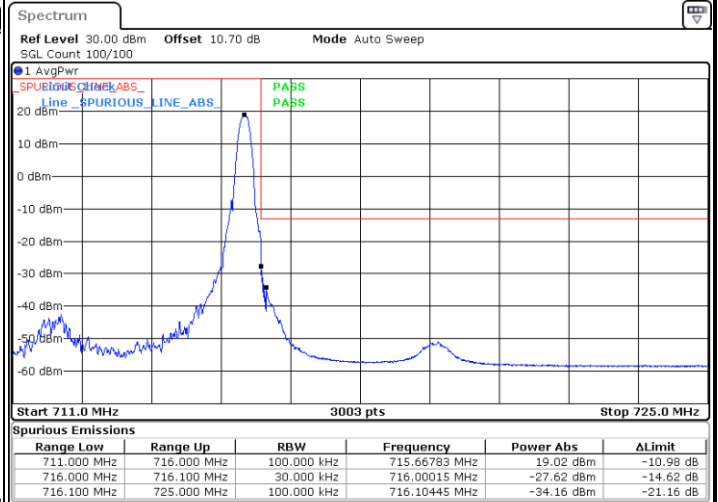


LTE Band 12 / 5MHz / QPSK

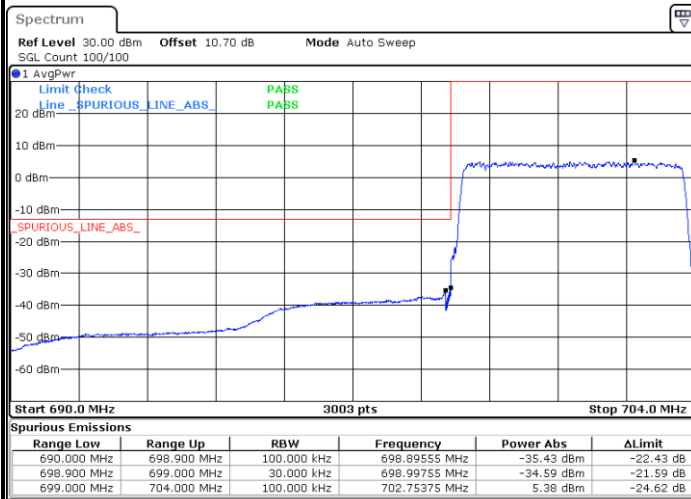
Lowest Band Edge / 1 RB



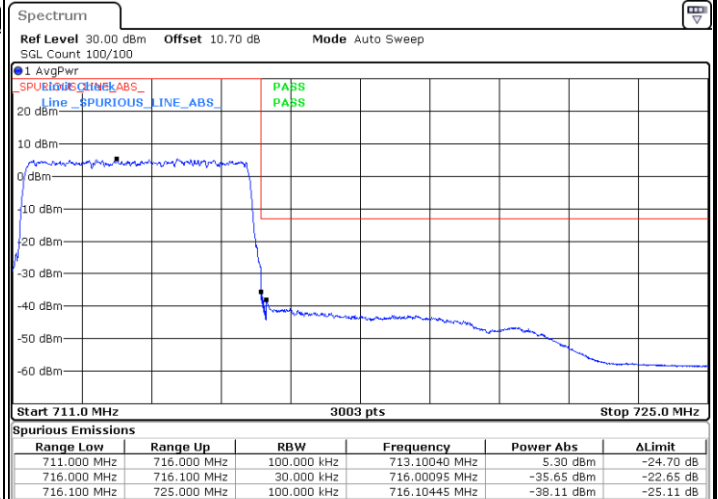
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



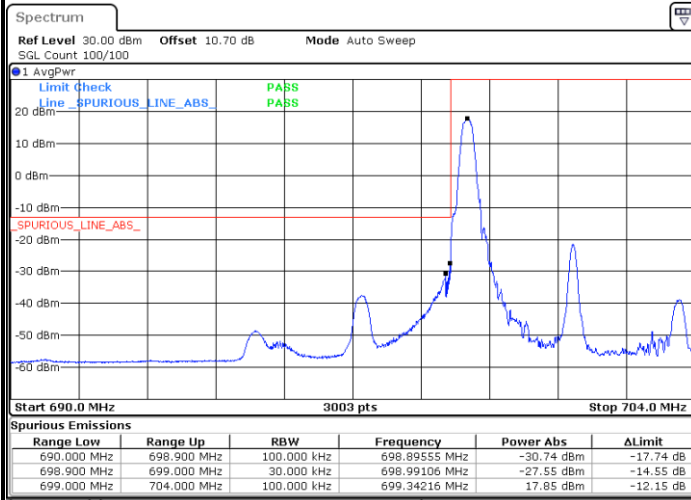
Highest Band Edge / Full RB



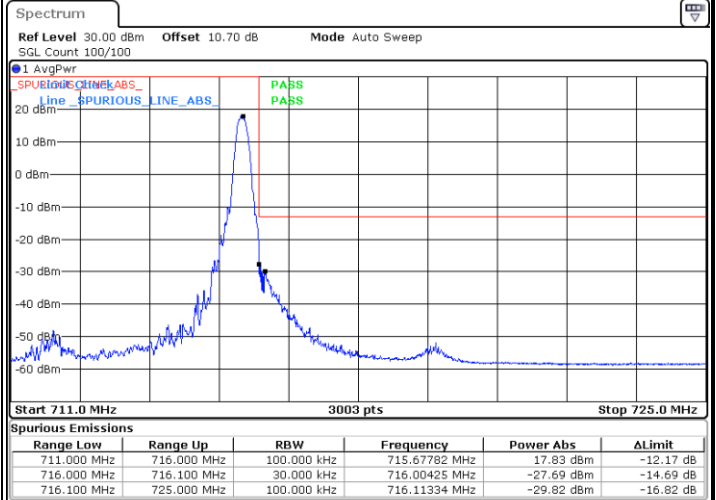


LTE Band 12 / 5MHz / 16QAM

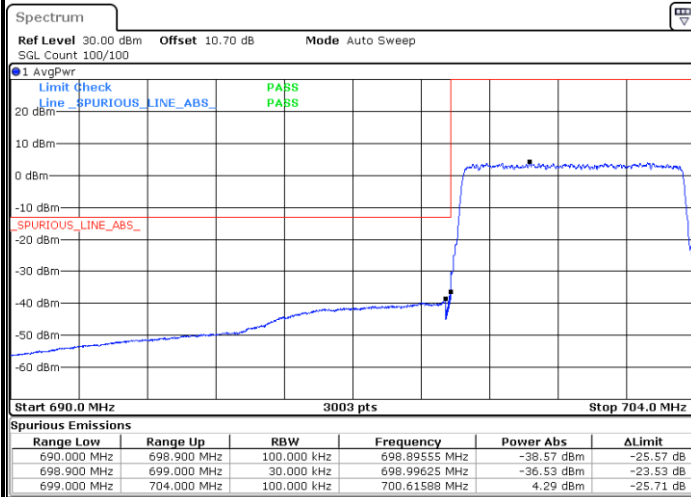
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



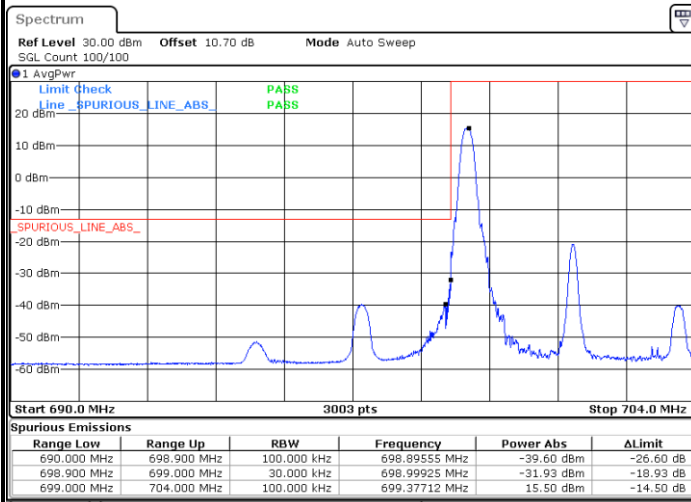
Highest Band Edge / Full RB



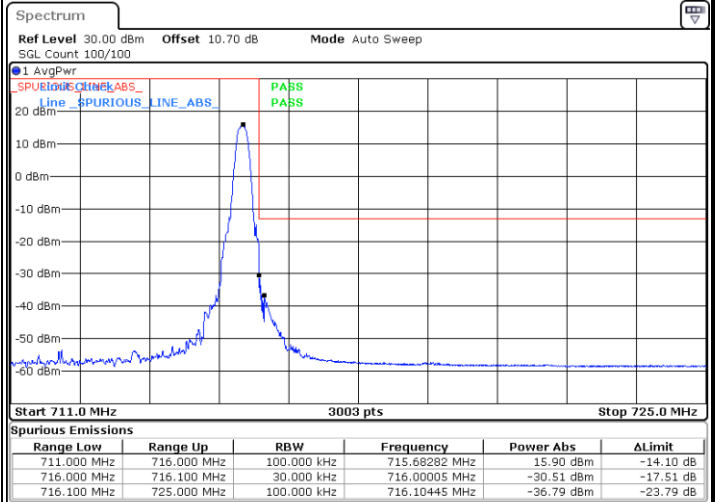


LTE Band 12 / 5MHz / 64QAM

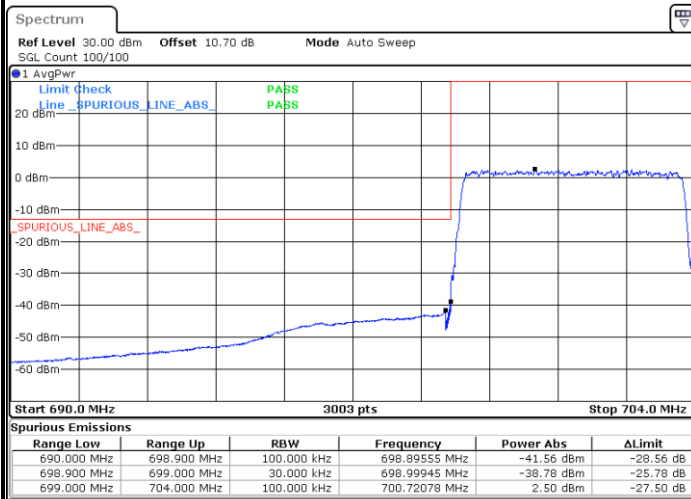
Lowest Band Edge / 1RB



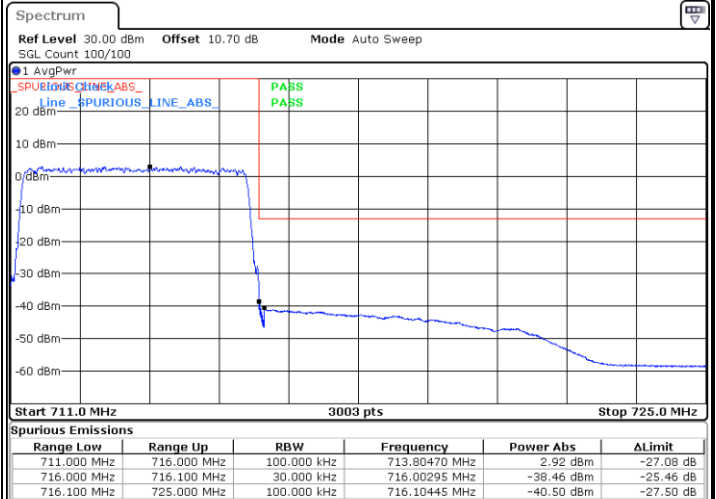
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



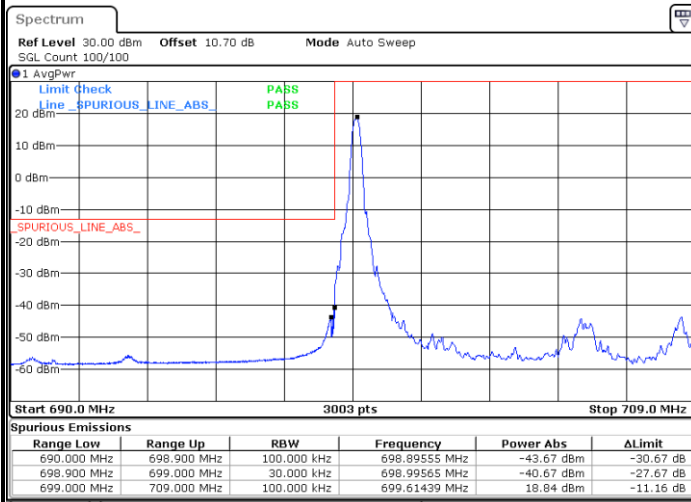
Highest Band Edge / Full RB



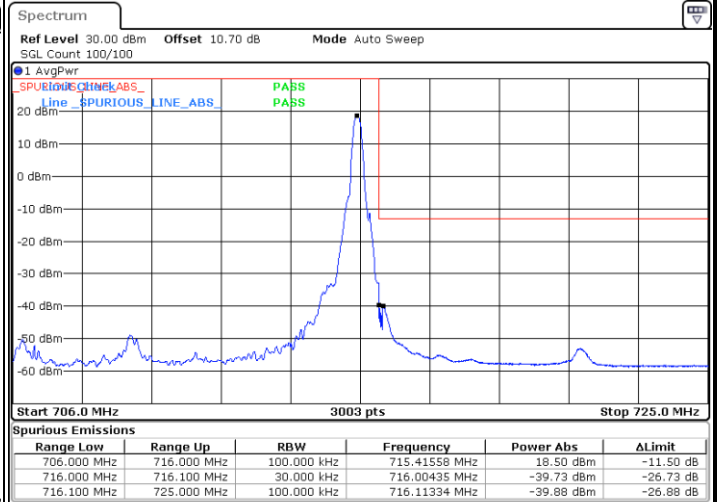


LTE Band 12 / 10MHz / QPSK

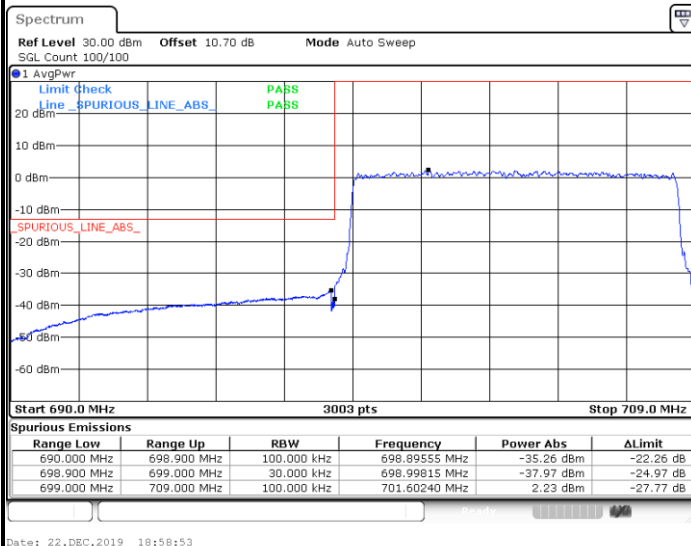
Lowest Band Edge / 1 RB



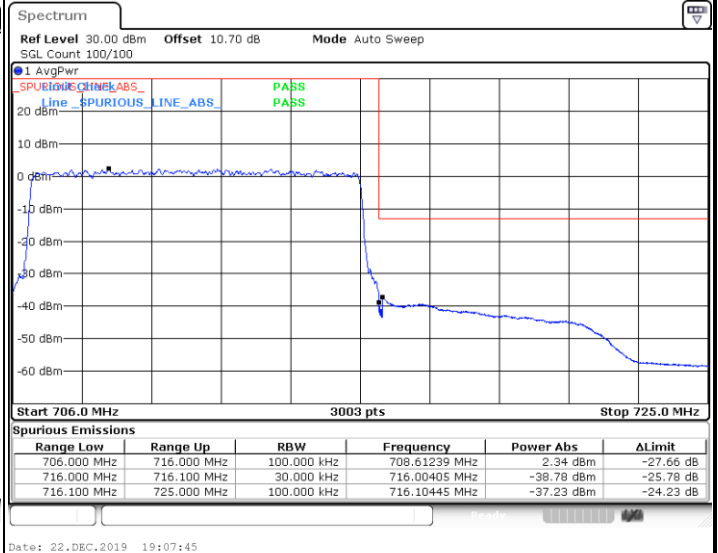
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



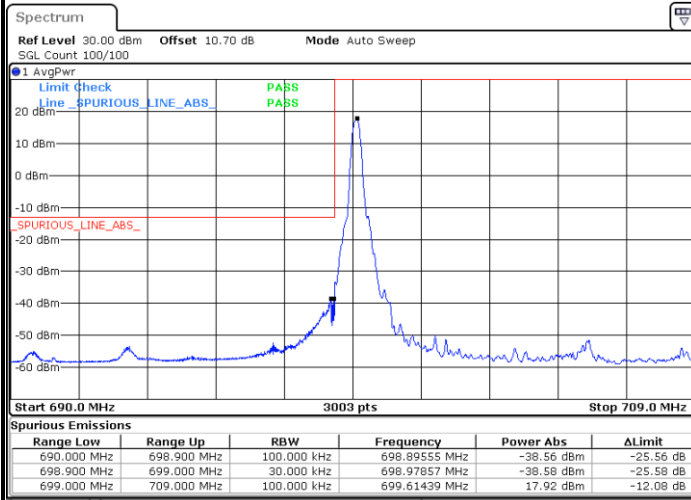
Highest Band Edge / Full RB



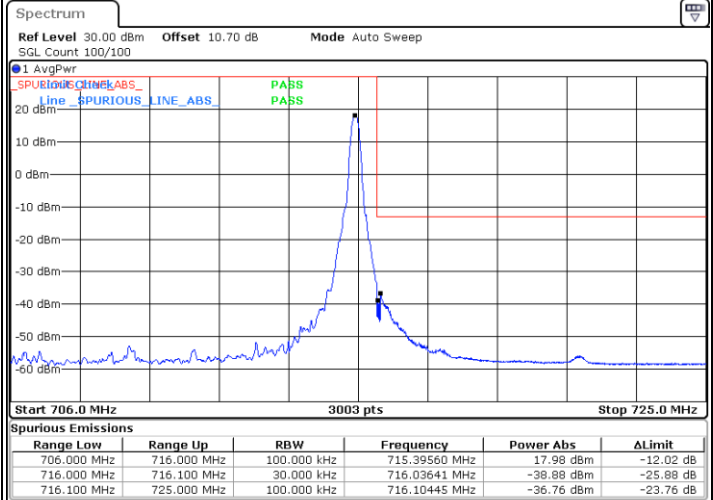


LTE Band 12 / 10MHz / 16QAM

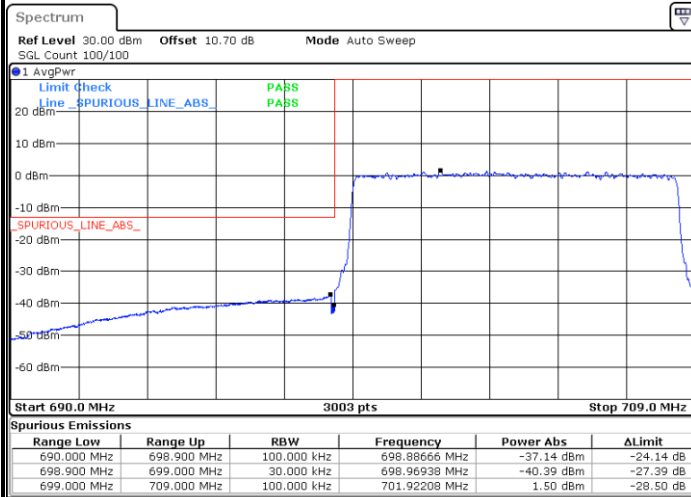
Lowest Band Edge / 1 RB



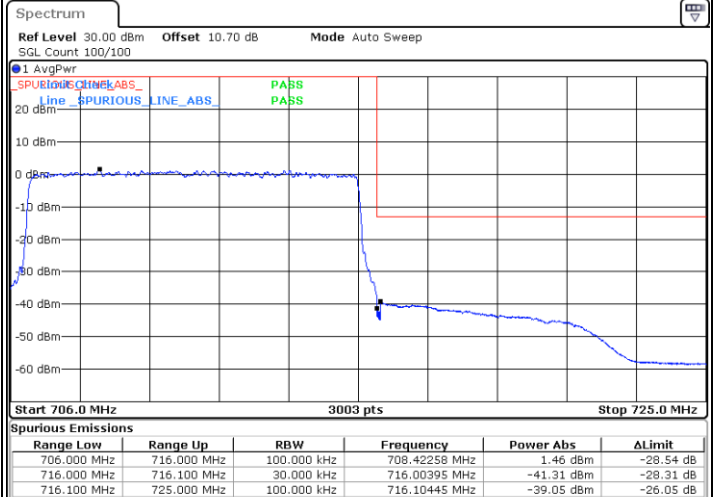
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



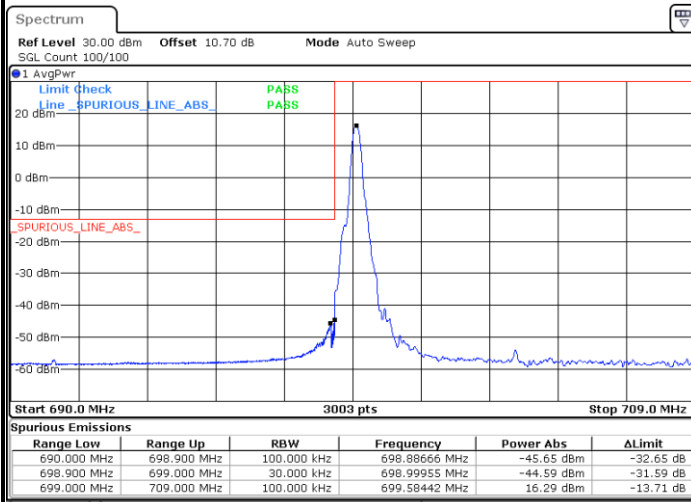
Highest Band Edge / Full RB



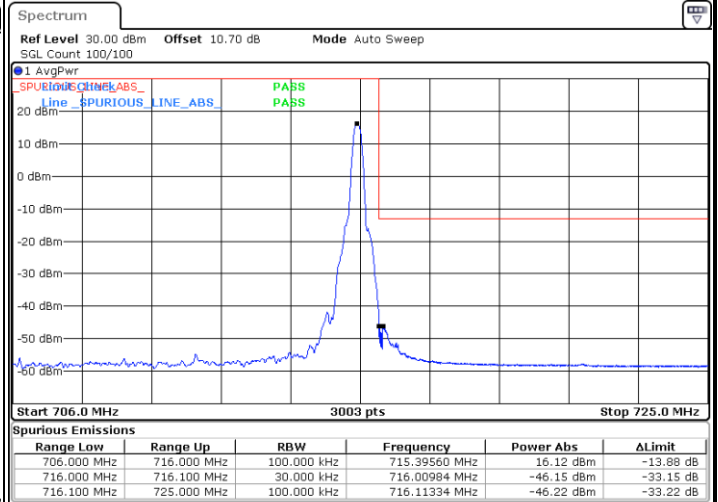


LTE Band 12 / 10MHz / 64QAM

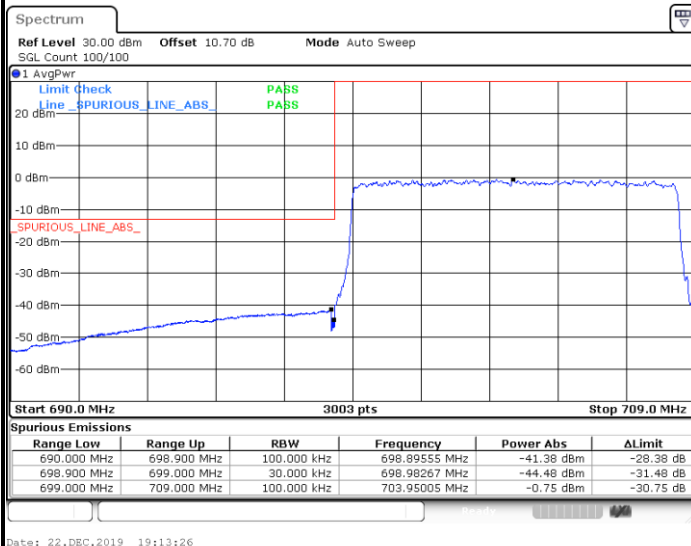
Lowest Band Edge / 1 RB



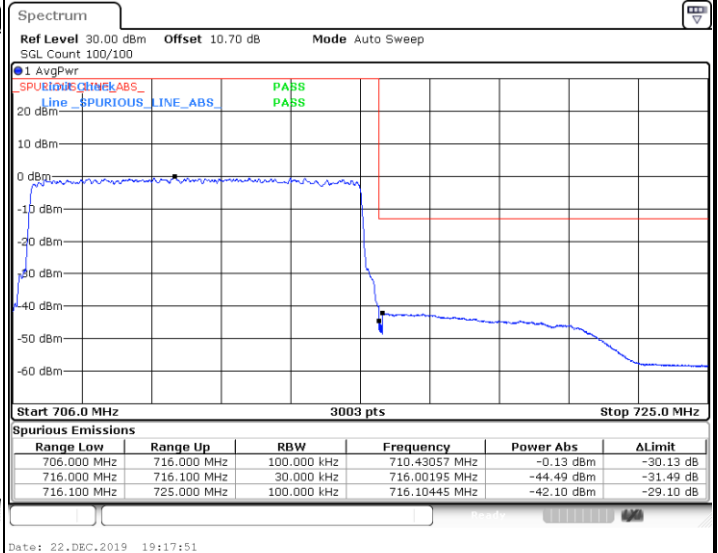
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

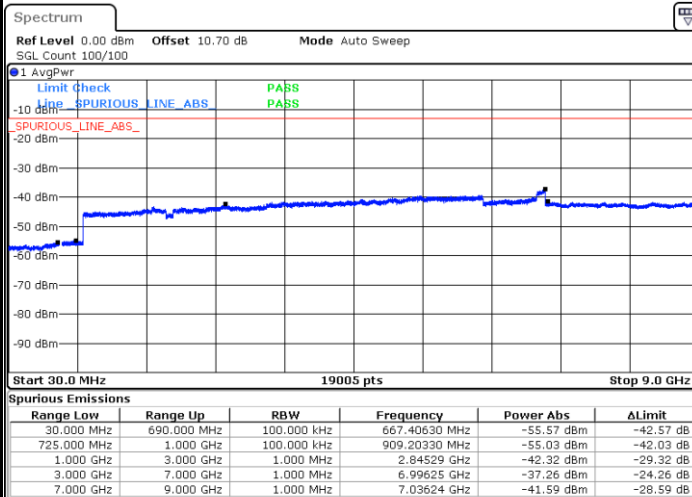




Conducted Spurious Emission

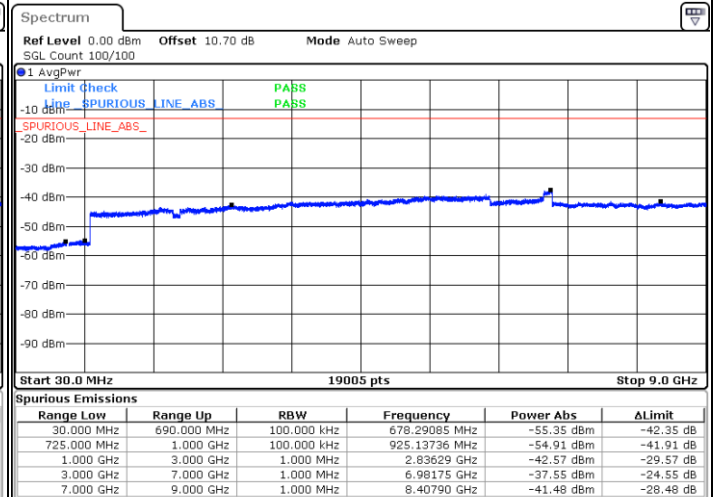
LTE Band 12 / 1.4MHz

Lowest Channel / QPSK



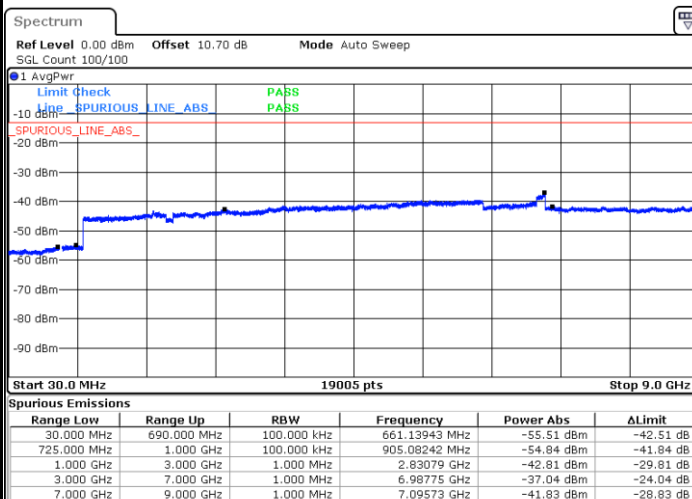
Date: 22.DEC.2019 17:55:05

Lowest Channel / 16QAM



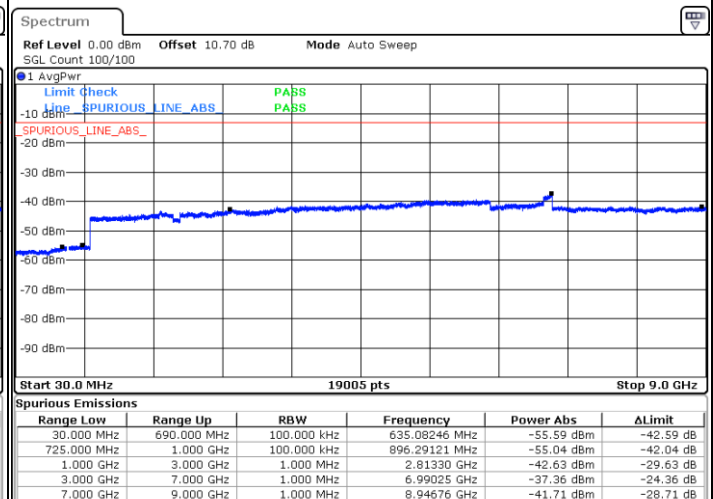
Date: 22.DEC.2019 17:55:59

Middle Channel / QPSK



Date: 22.DEC.2019 17:58:42

Middle Channel / 16QAM



Date: 22.DEC.2019 17:57:47