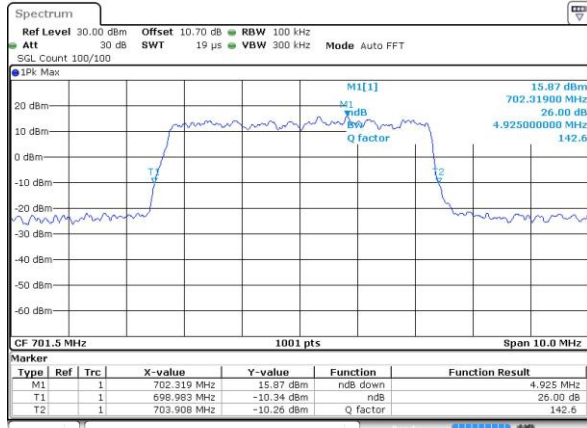




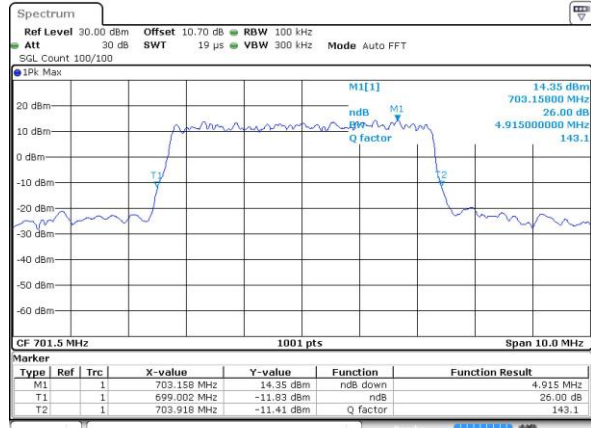
LTE Band 12

Lowest Channel / 5MHz / QPSK



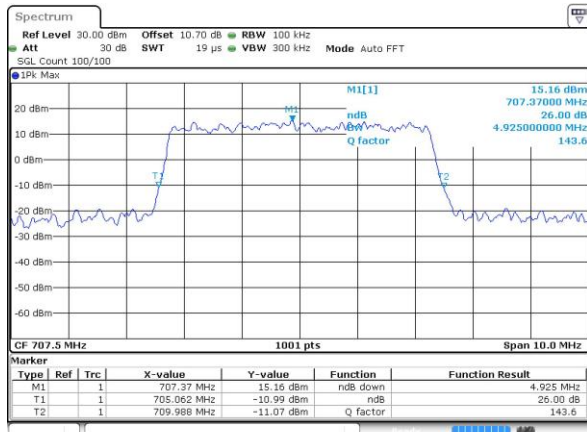
Date: 7 JAN 2019 14:25:13

Lowest Channel / 5MHz / 16QAM



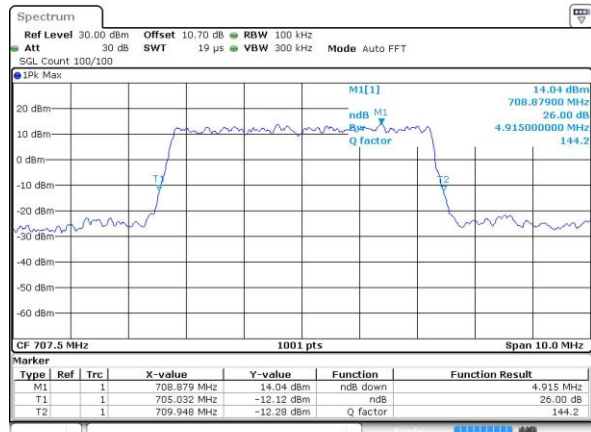
Date: 7 JAN 2019 14:25:01

Middle Channel / 5MHz / QPSK



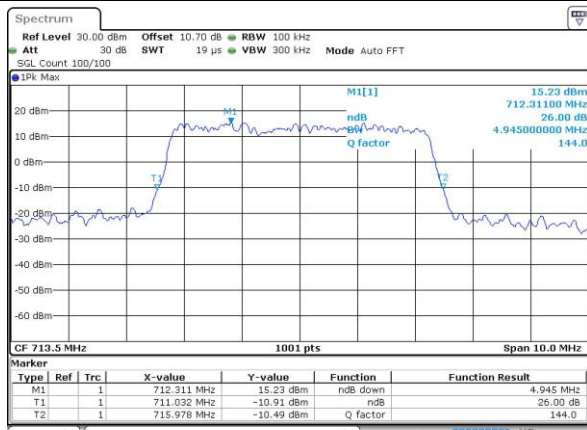
Date: 7 JAN 2019 14:31:49

Middle Channel / 5MHz / 16QAM



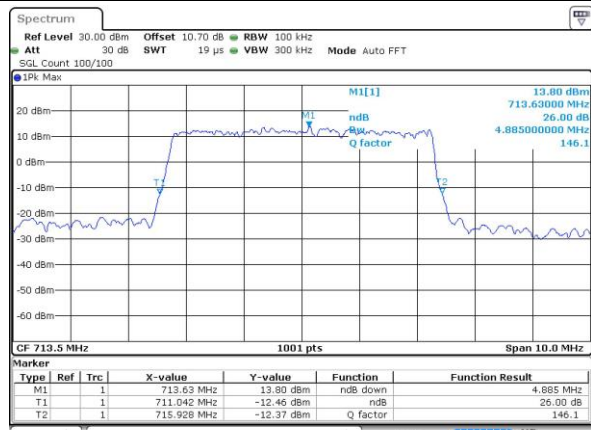
Date: 7 JAN 2019 14:32:00

Highest Channel / 5MHz / QPSK



Date: 7 JAN 2019 14:34:46

Highest Channel / 5MHz / 16QAM

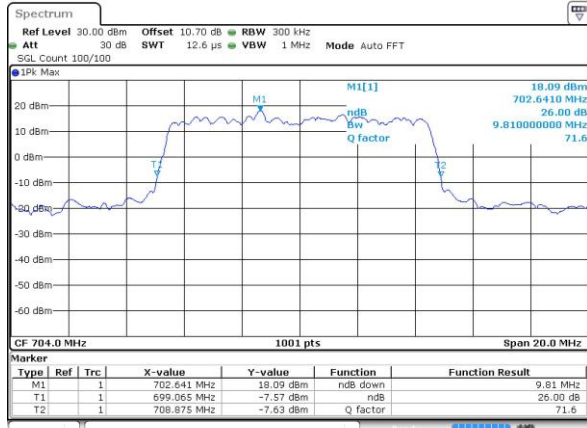


Date: 7 JAN 2019 14:34:35

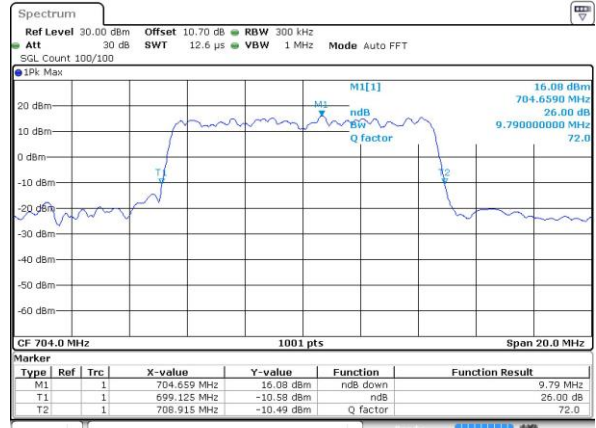


LTE Band 12

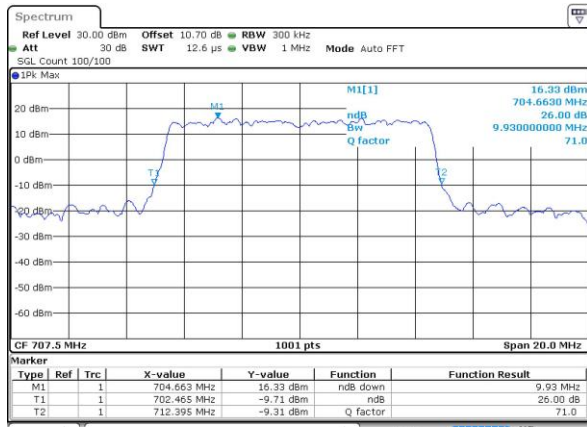
Lowest Channel / 10MHz / QPSK



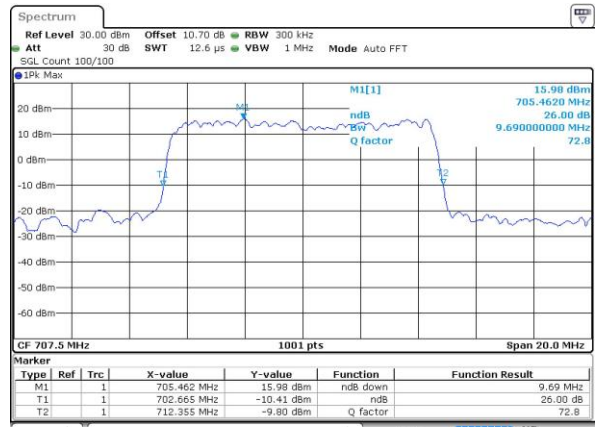
Lowest Channel / 10MHz / 16QAM



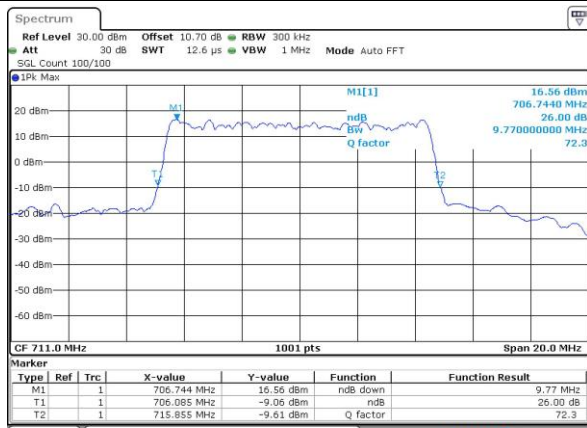
Middle Channel / 10MHz / QPSK



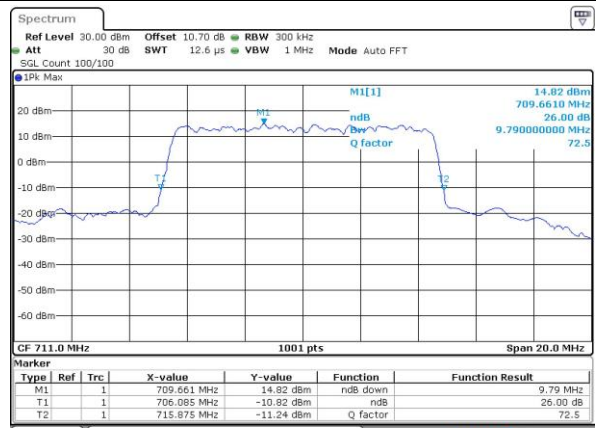
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



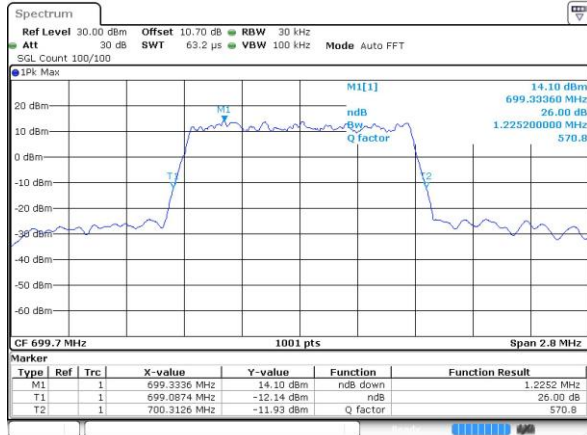
Highest Channel / 10MHz / 16QAM





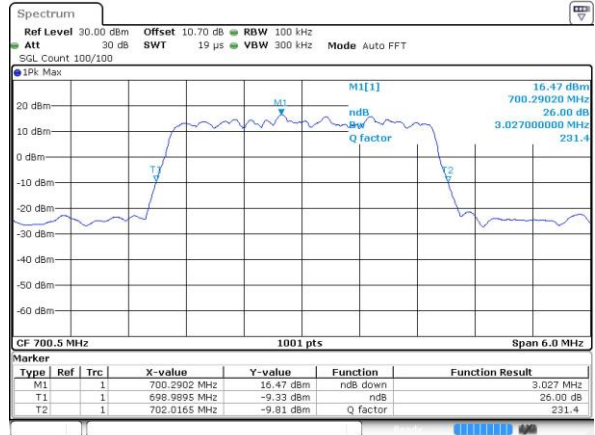
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



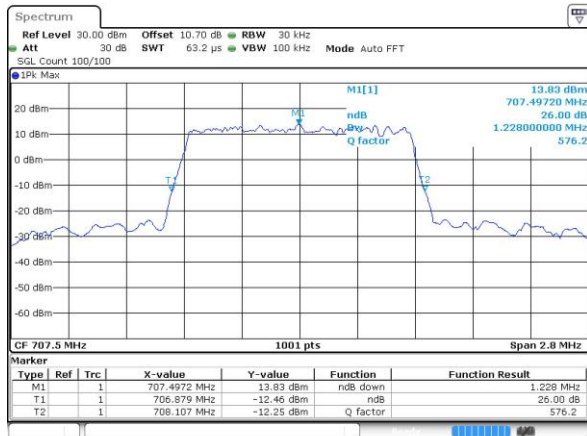
Date: 7 JAN 2019 16:02:19

Lowest Channel / 3MHz / 64QAM



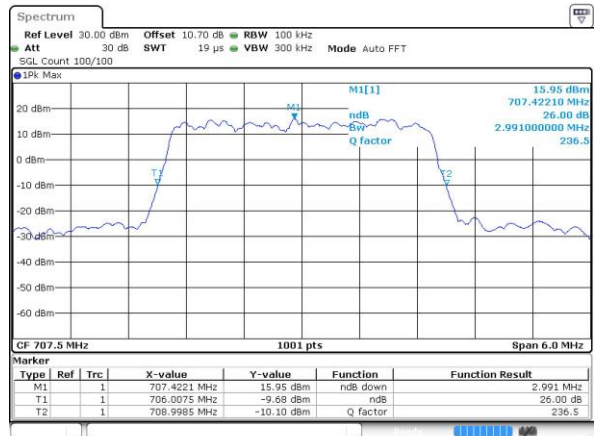
Date: 7 JAN 2019 15:17:42

Middle Channel / 1.4MHz / 64QAM



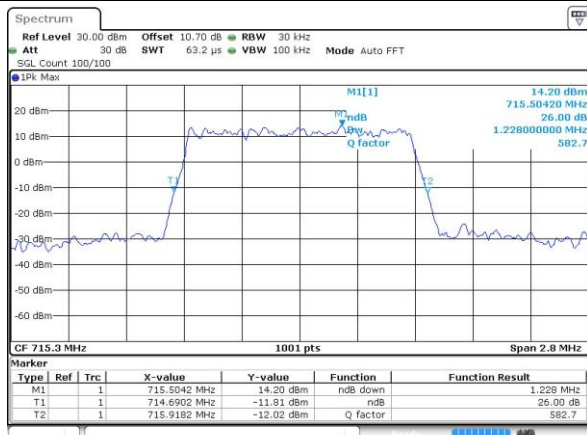
Date: 7 JAN 2019 16:05:43

Middle Channel / 3MHz / 64QAM



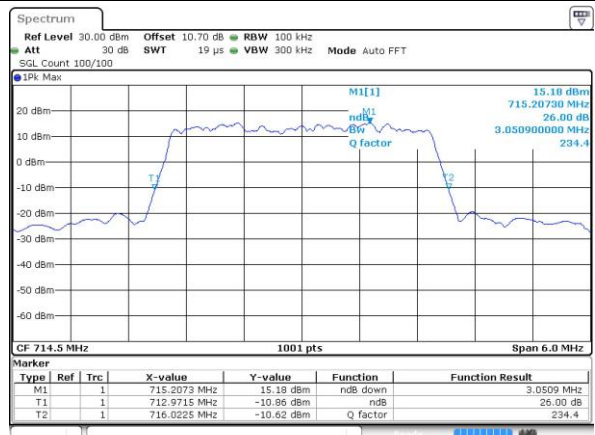
Date: 7 JAN 2019 15:21:06

Highest Channel / 1.4MHz / 64QAM



Date: 7 JAN 2019 16:07:06

Highest Channel / 3MHz / 64QAM

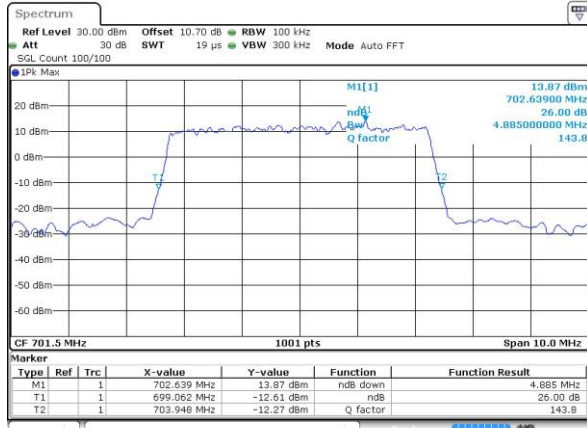


Date: 7 JAN 2019 15:22:29

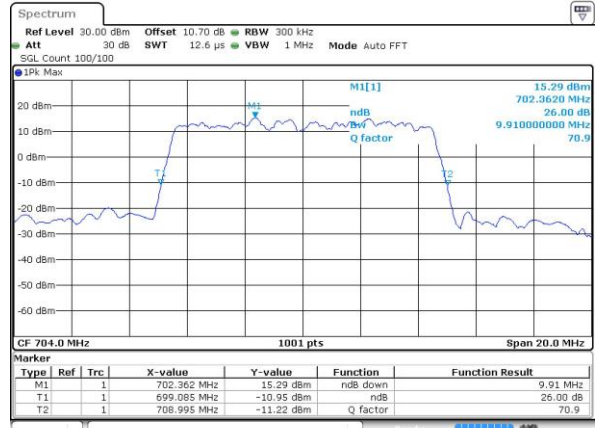


LTE Band 12

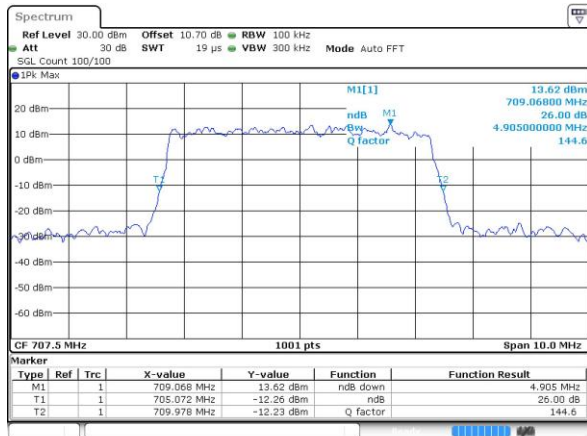
Lowest Channel / 5MHz / 64QAM



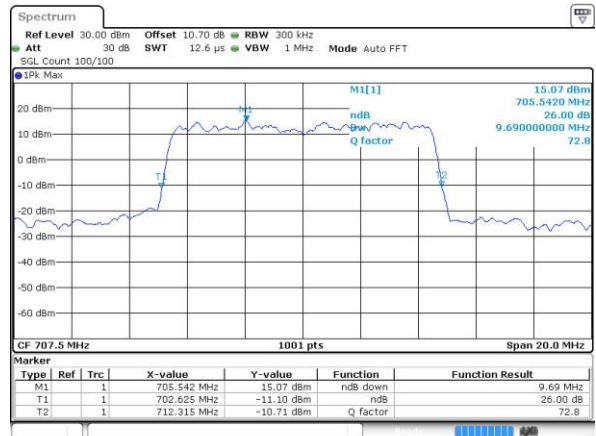
Lowest Channel / 10MHz / 64QAM



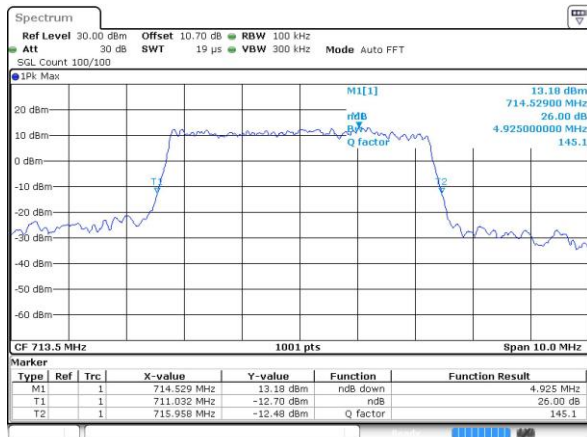
Middle Channel / 5MHz / 64QAM



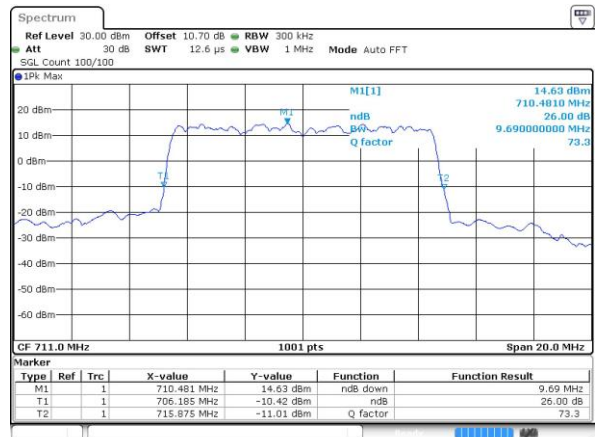
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM



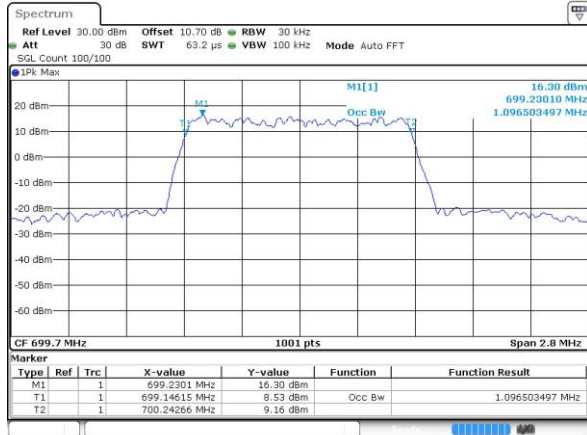
**Occupied Bandwidth**

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	1.1	1.08	2.72	2.7	4.47	4.51	9.05	9.05	-	-	-	-
Middle CH	1.09	1.09	2.71	2.73	4.47	4.5	9.09	9.05	-	-	-	-
Highest CH	1.1	1.08	2.71	2.7	4.48	4.5	9.03	8.99	-	-	-	-
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10	-	2.71	-	4.50	-	9.01	-	-	-	-	-
Middle CH	1.09	-	2.70	-	4.49	-	9.01	-	-	-	-	-
Highest CH	1.09	-	2.71	-	4.49	-	9.09	-	-	-	-	-

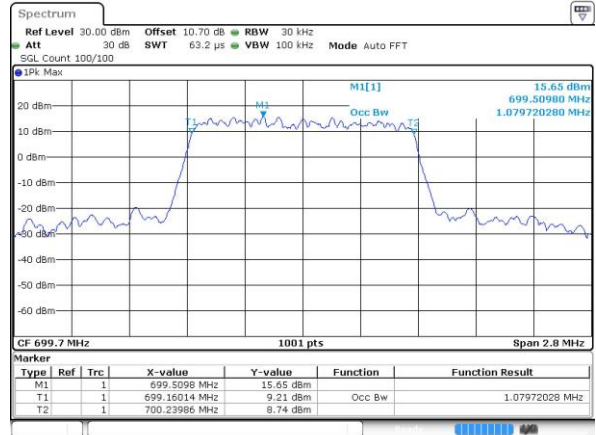


LTE Band 12

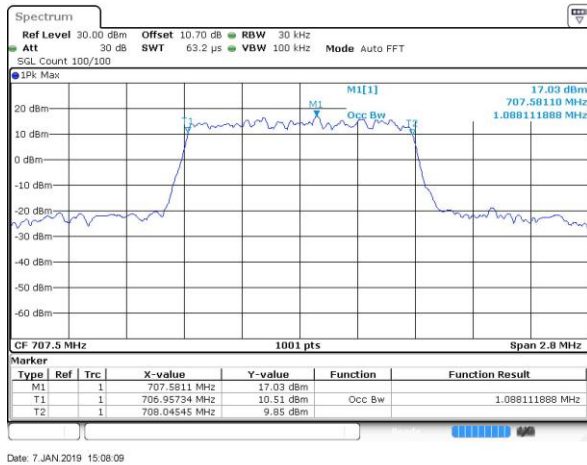
Lowest Channel / 1.4MHz / QPSK



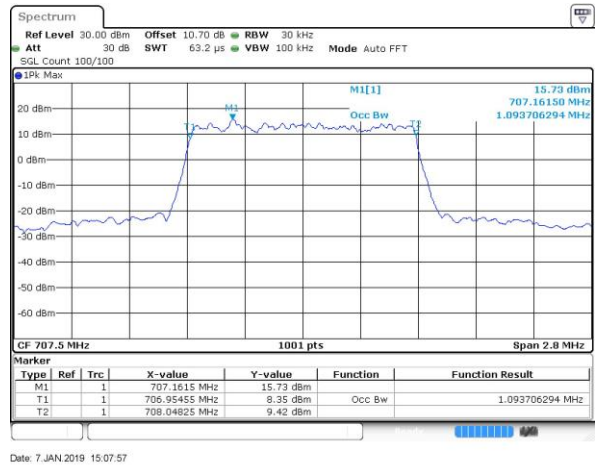
Lowest Channel / 1.4MHz / 16QAM



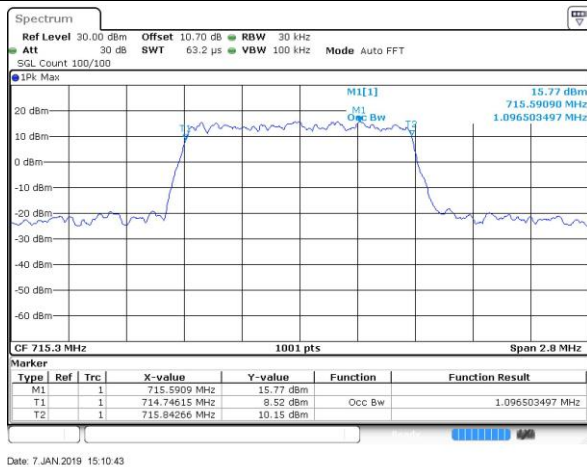
Middle Channel / 1.4MHz / QPSK



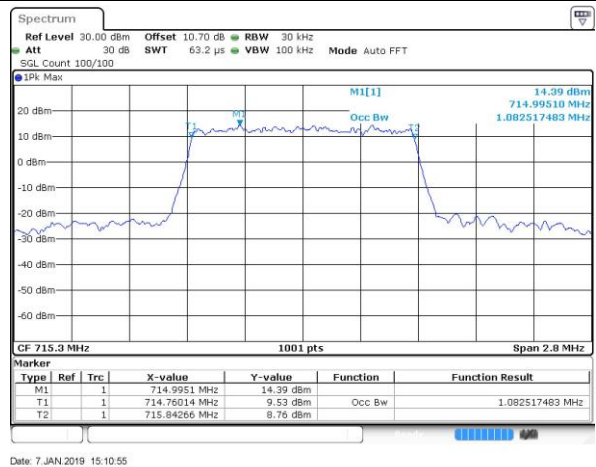
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



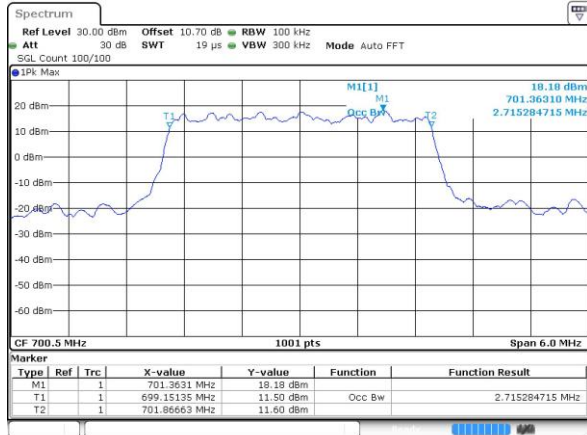
Highest Channel / 1.4MHz / 16QAM



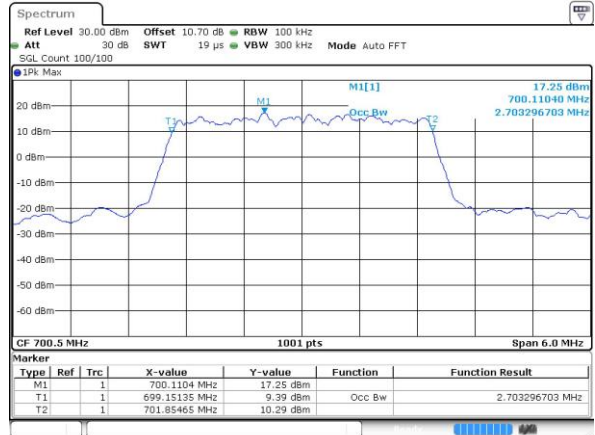


LTE Band 12

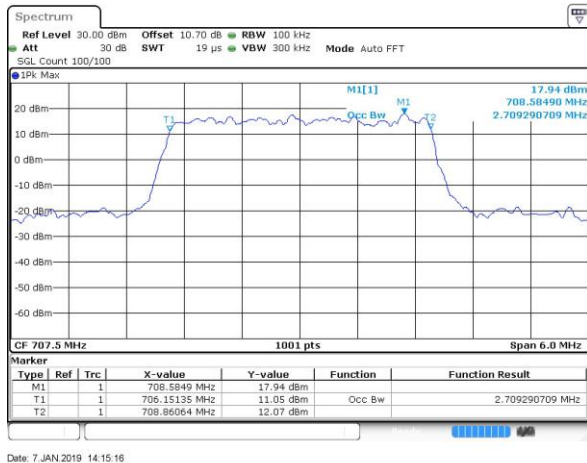
Lowest Channel / 3MHz / QPSK



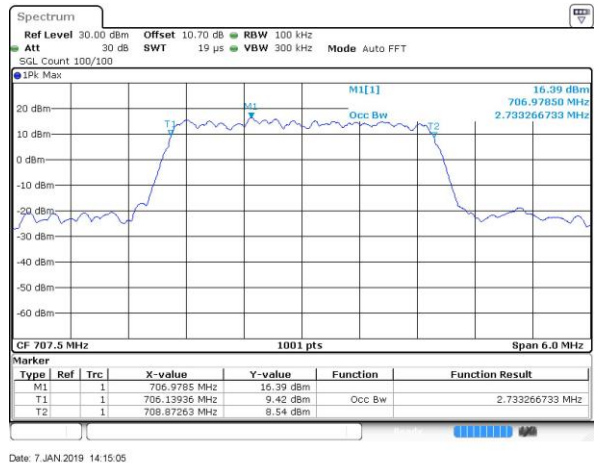
Lowest Channel / 3MHz / 16QAM



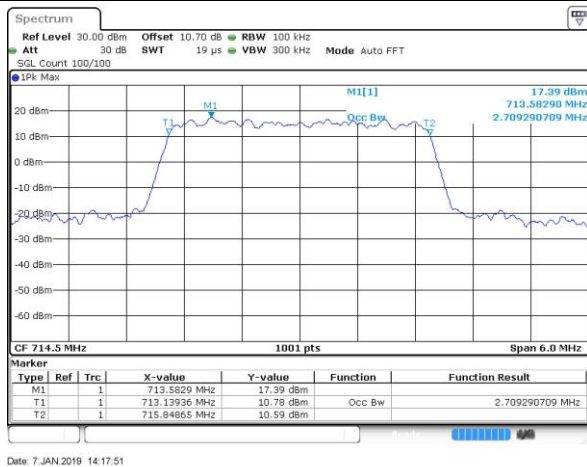
Middle Channel / 3MHz / QPSK



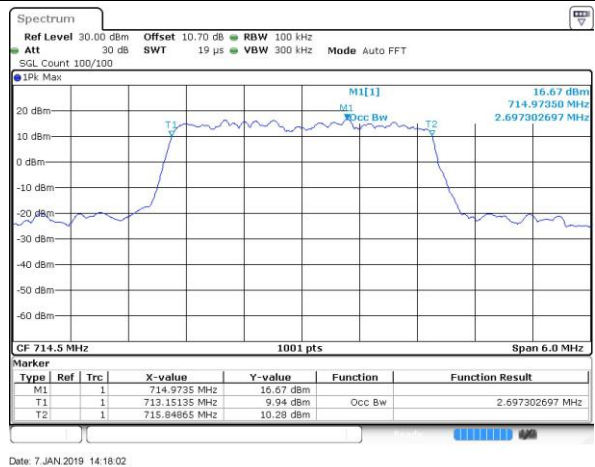
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



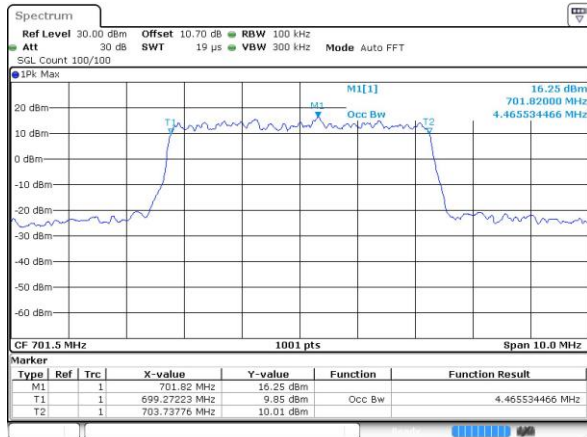
Highest Channel / 3MHz / 16QAM





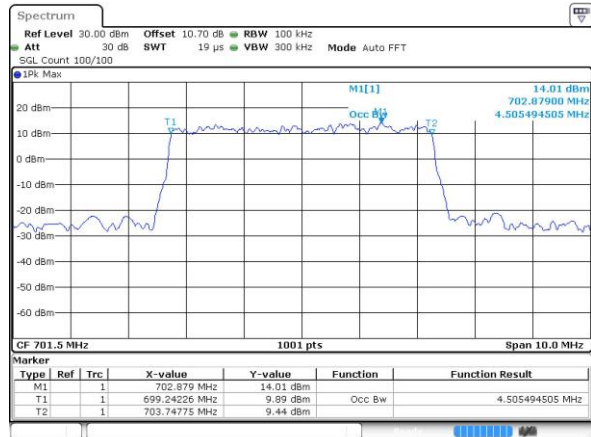
LTE Band 12

Lowest Channel / 5MHz / QPSK



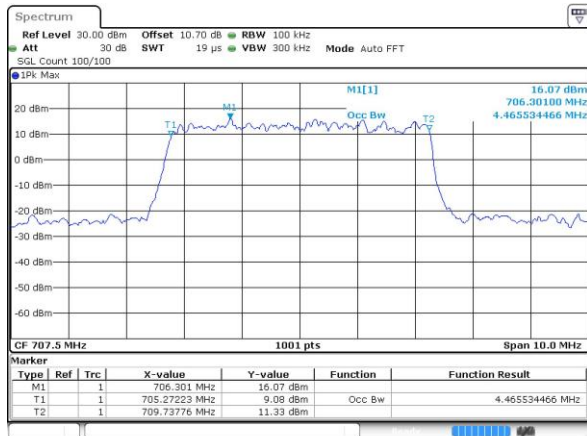
Date: 7 JAN 2019 14:24:38

Lowest Channel / 5MHz / 16QAM



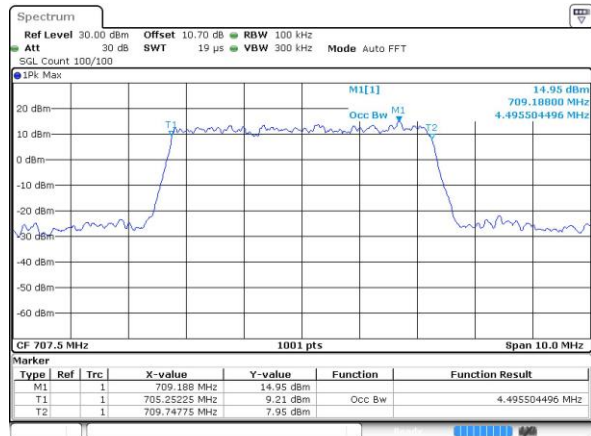
Date: 7 JAN 2019 14:24:50

Middle Channel / 5MHz / QPSK



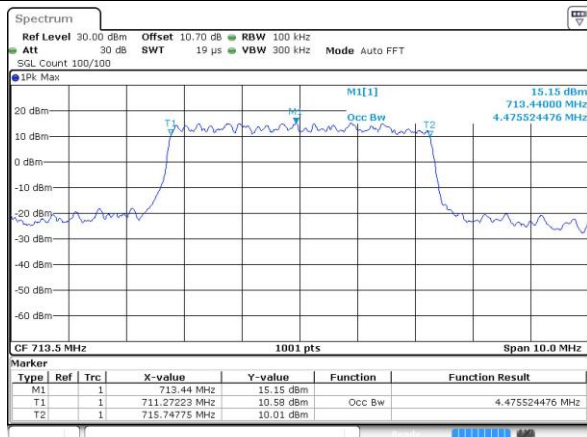
Date: 7 JAN 2019 14:31:37

Middle Channel / 5MHz / 16QAM



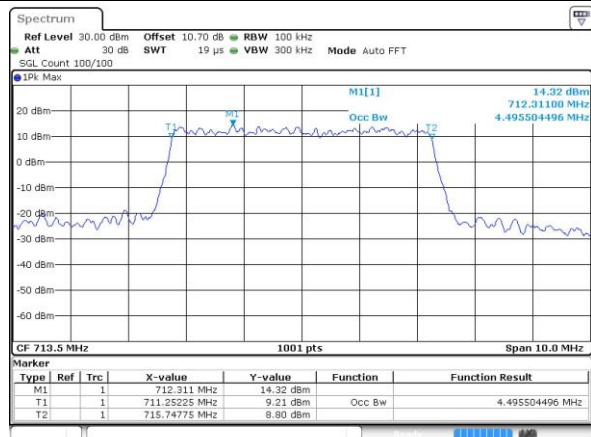
Date: 7 JAN 2019 14:31:26

Highest Channel / 5MHz / QPSK



Date: 7 JAN 2019 14:34:12

Highest Channel / 5MHz / 16QAM

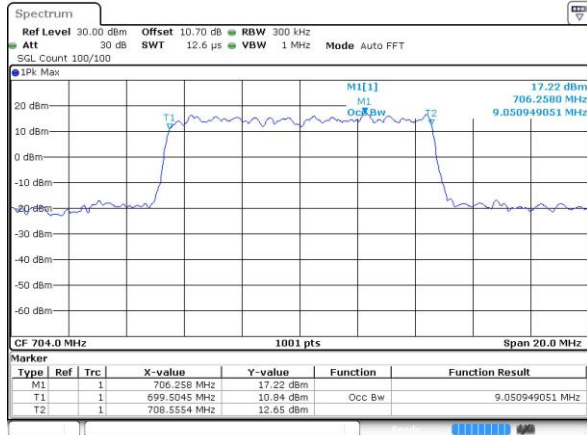


Date: 7 JAN 2019 14:34:23



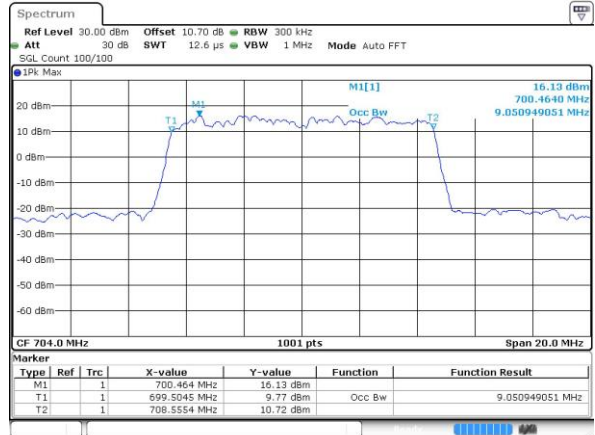
LTE Band 12

Lowest Channel / 10MHz / QPSK



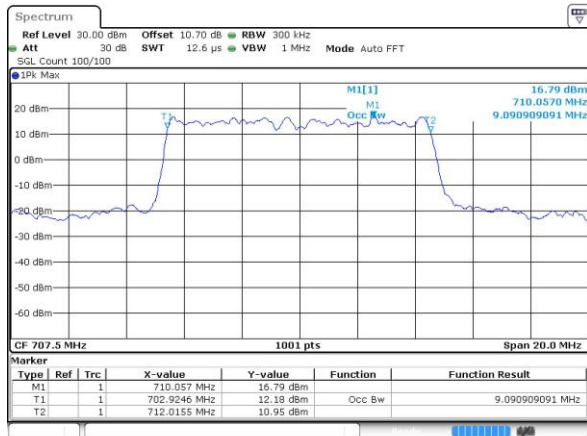
Date: 7 JAN 2019 14:40:59

Lowest Channel / 10MHz / 16QAM



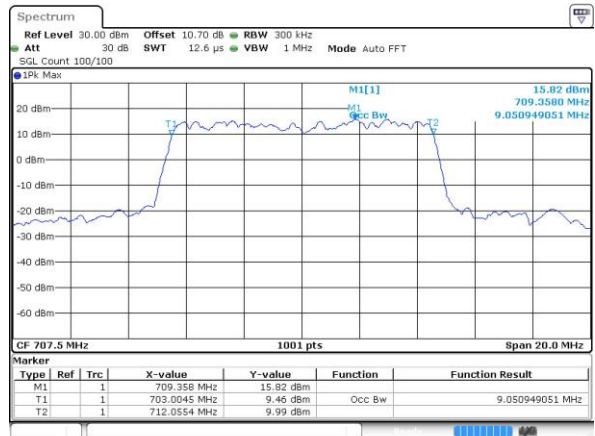
Date: 7 JAN 2019 14:41:10

Middle Channel / 10MHz / QPSK



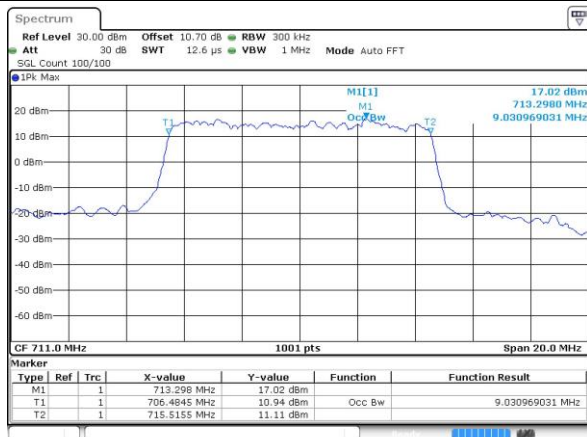
Date: 7 JAN 2019 14:47:57

Middle Channel / 10MHz / 16QAM



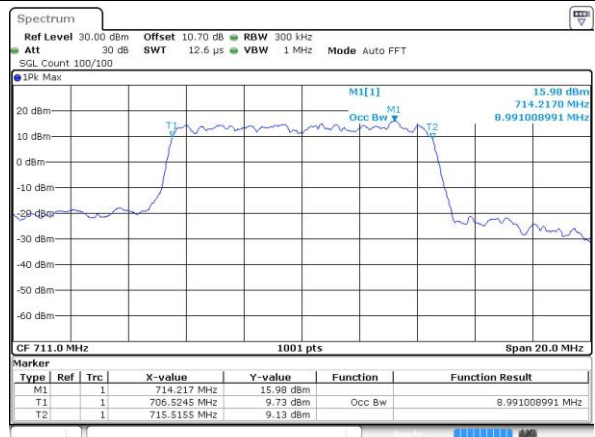
Date: 7 JAN 2019 14:47:46

Highest Channel / 10MHz / QPSK



Date: 7 JAN 2019 14:50:32

Highest Channel / 10MHz / 16QAM

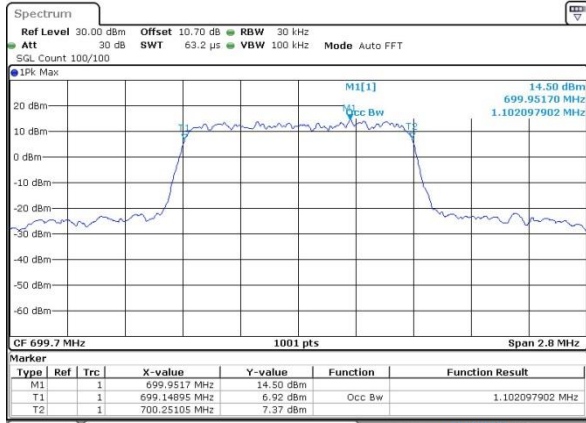


Date: 7 JAN 2019 14:50:44



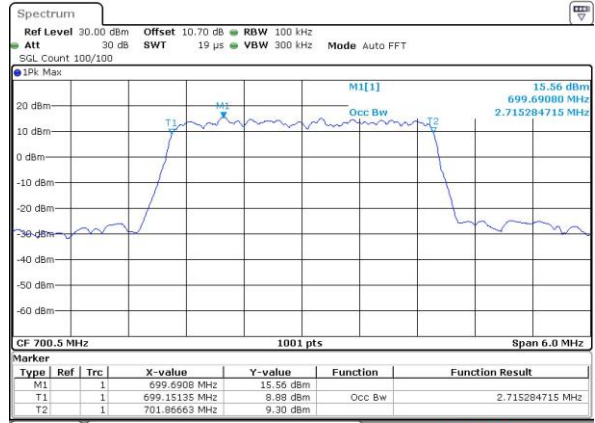
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



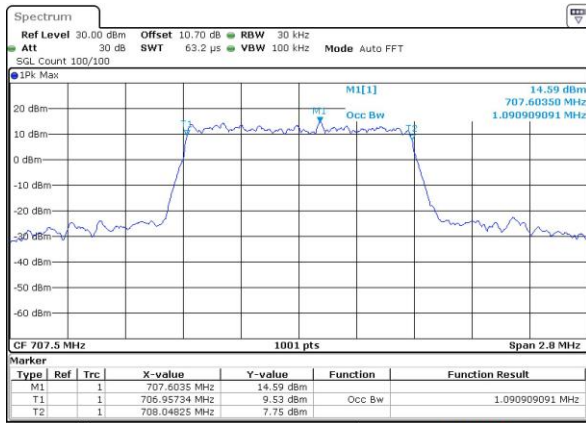
Date: 1.FEB.2019 19:54:52

Lowest Channel / 3MHz / 64QAM



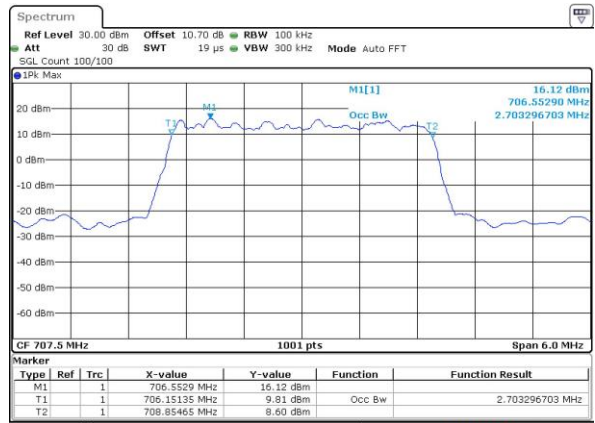
Date: 7.JAN.2019 15:17:31

Middle Channel / 1.4MHz / 64QAM



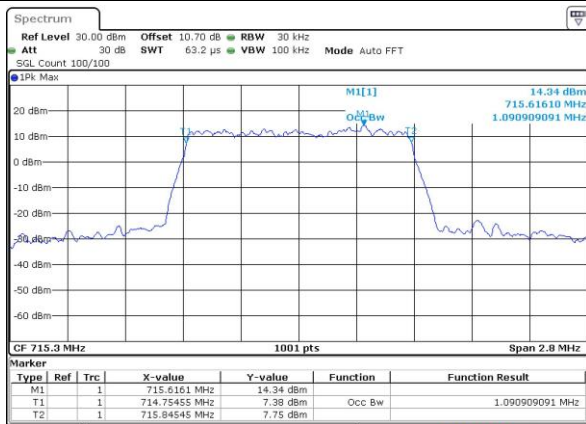
Date: 7.JAN.2019 16:05:31

Middle Channel / 3MHz / 64QAM



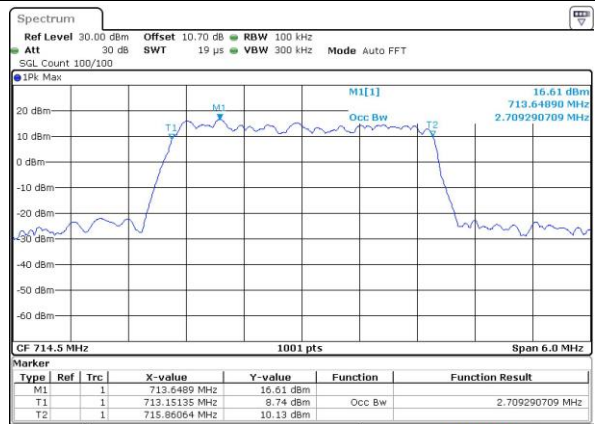
Date: 7.JAN.2019 15:20:54

Highest Channel / 1.4MHz / 64QAM



Date: 7.JAN.2019 16:06:54

Highest Channel / 3MHz / 64QAM

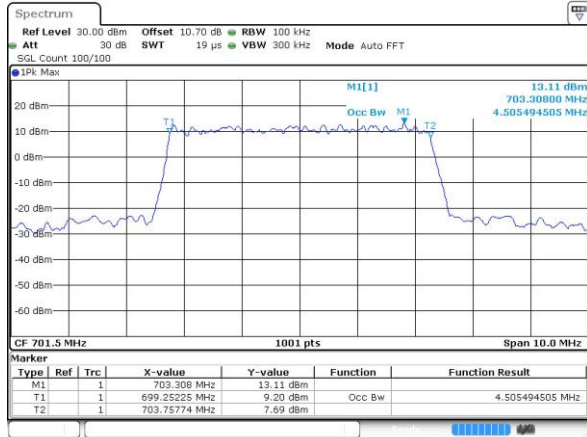


Date: 7.JAN.2019 15:22:17

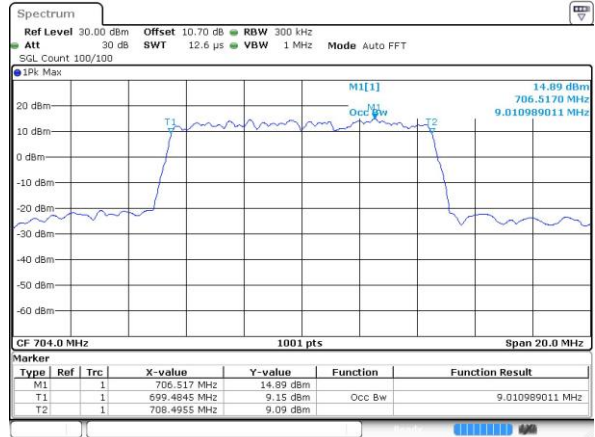


LTE Band 12

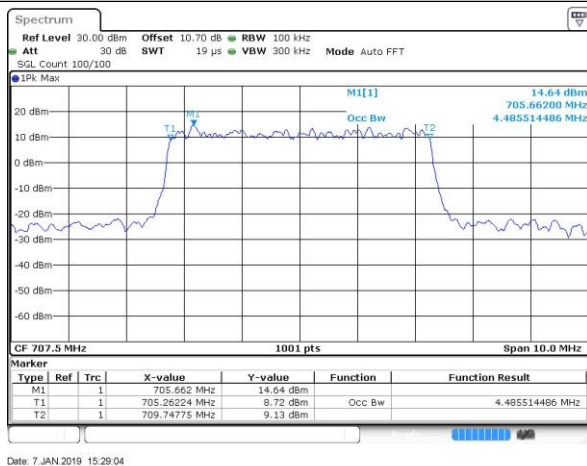
Lowest Channel / 5MHz / 64QAM



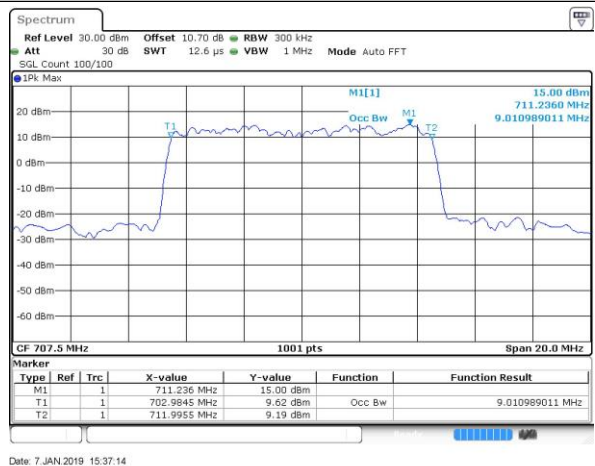
Lowest Channel / 10MHz / 64QAM



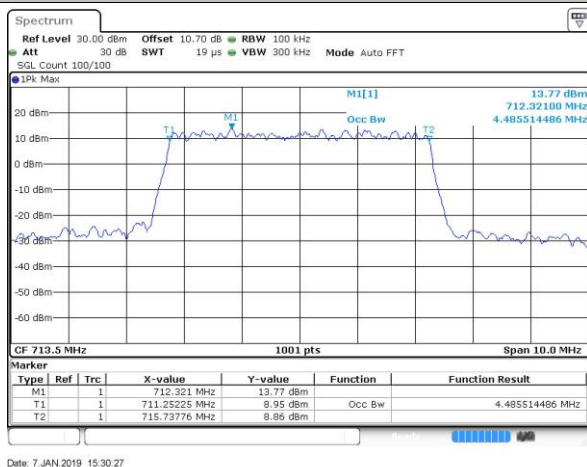
Middle Channel / 5MHz / 64QAM



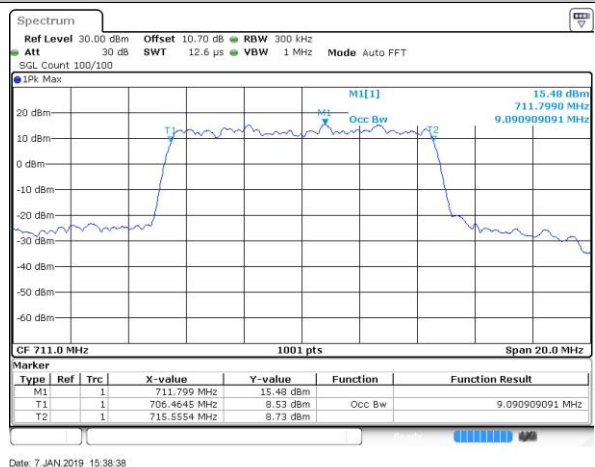
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

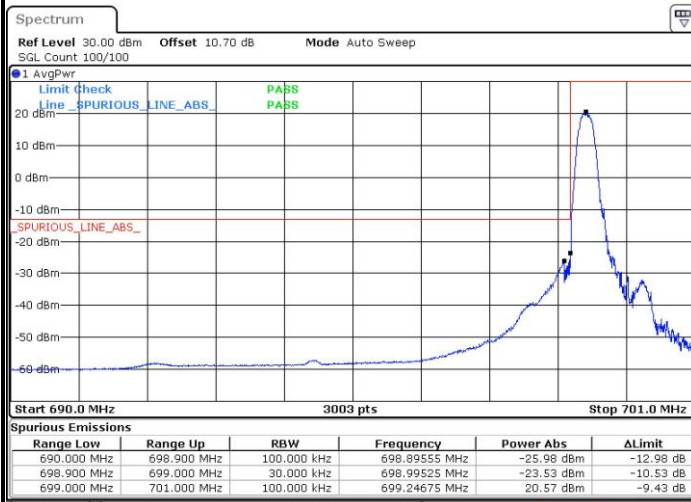


**Conducted Band Edge****LTE Band 12 / 1.4MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



LTE Band 12 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



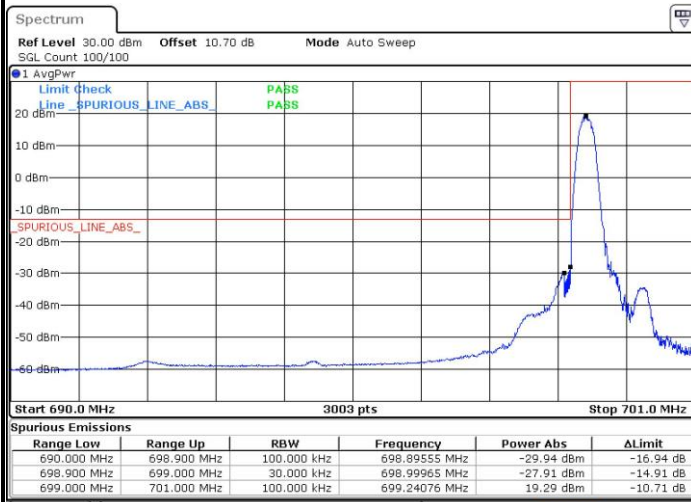
Highest Band Edge / Full RB





LTE Band 12 / 1.4MHz / 64QAM

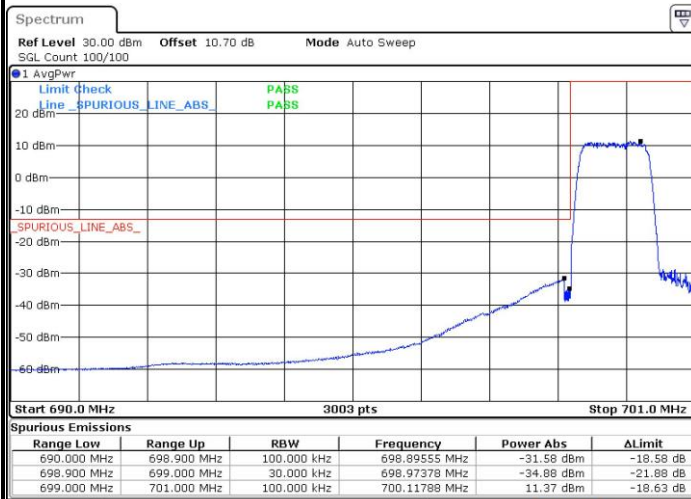
Lowest Band Edge / 1 RB



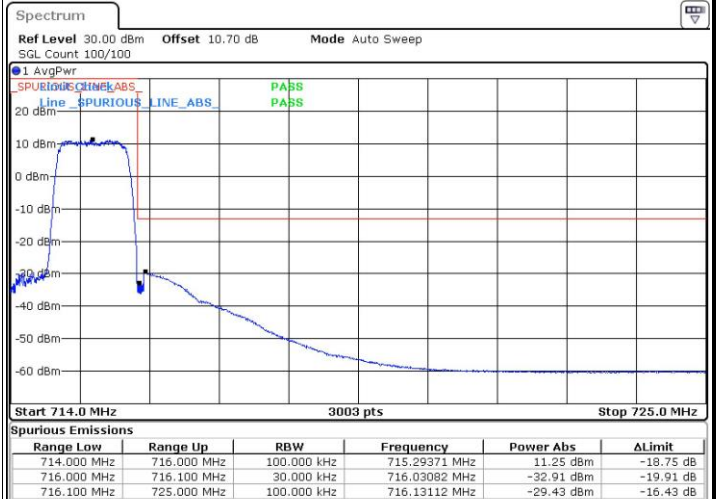
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



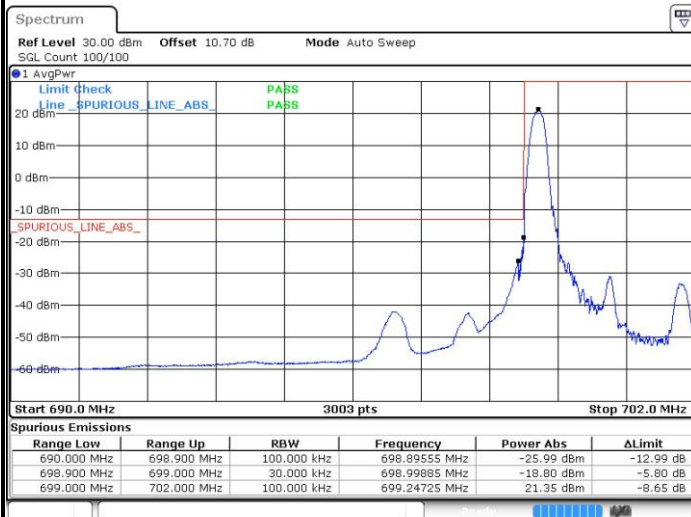
Highest Band Edge / Full RB





LTE Band 12 / 3MHz / QPSK

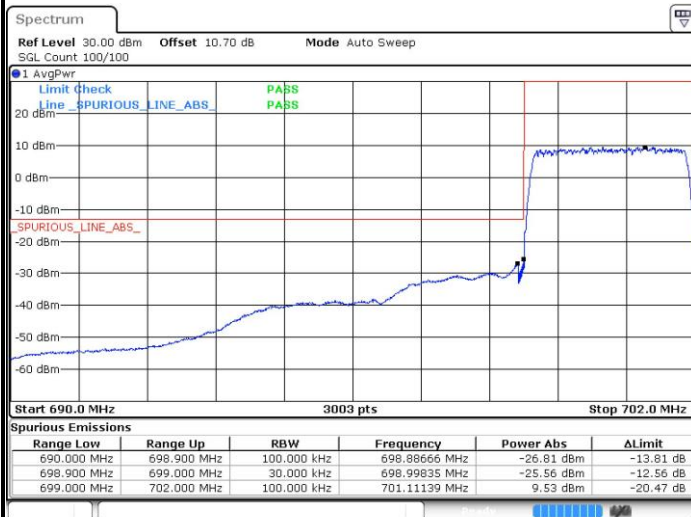
Lowest Band Edge / 1RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



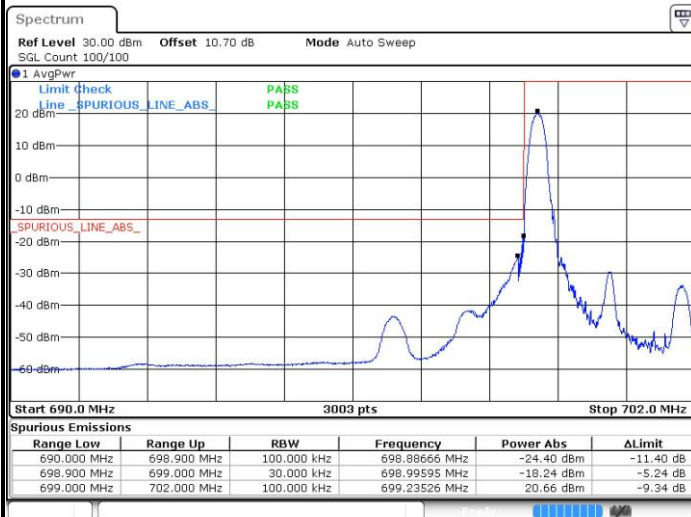
Highest Band Edge / Full RB



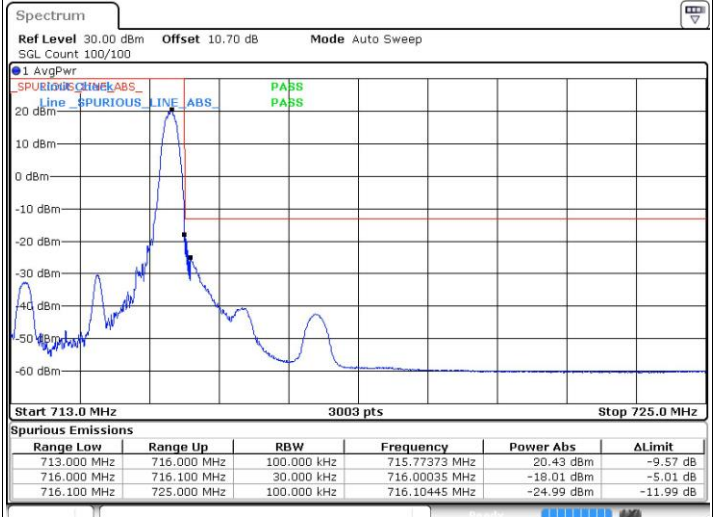


LTE Band 12 / 3MHz / 16QAM

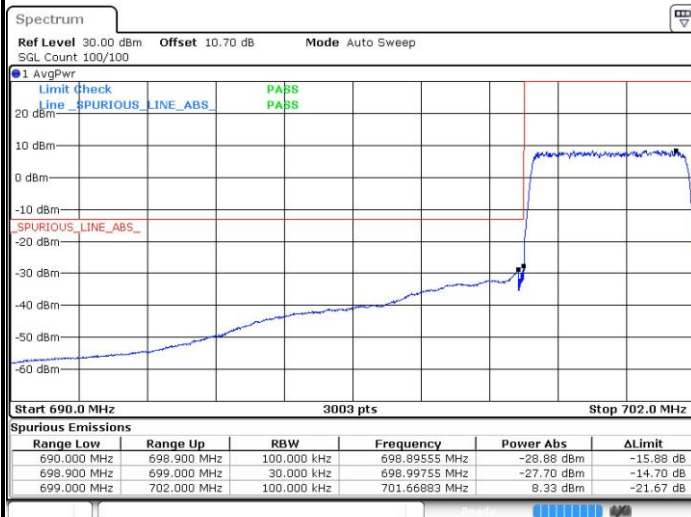
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



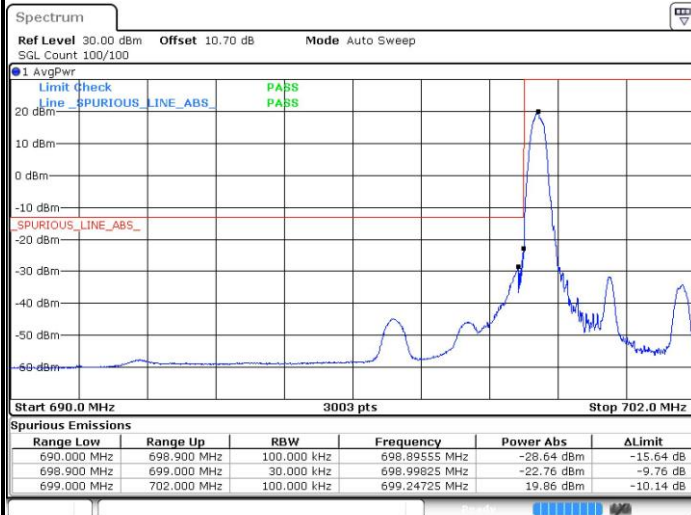
Highest Band Edge / Full RB



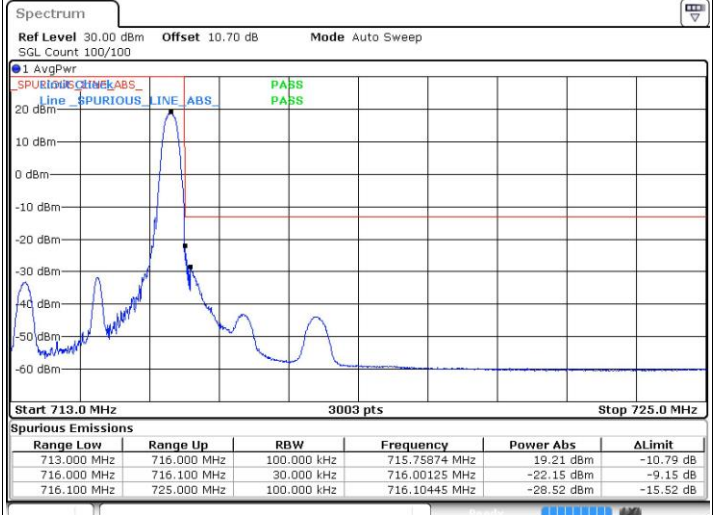


LTE Band 12 / 3MHz / 64QAM

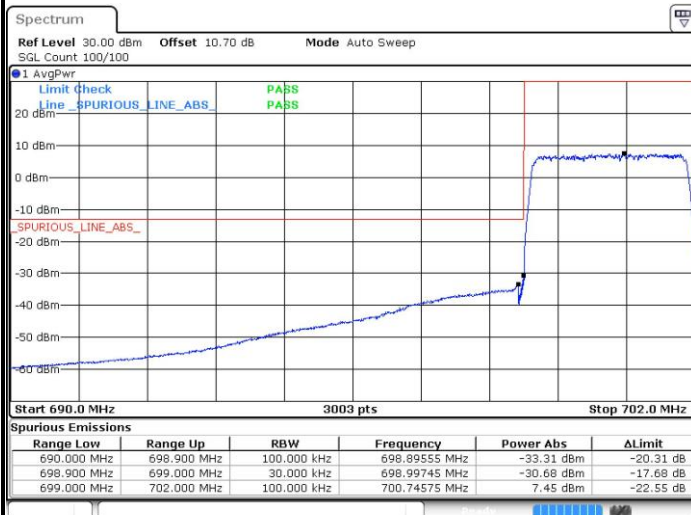
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



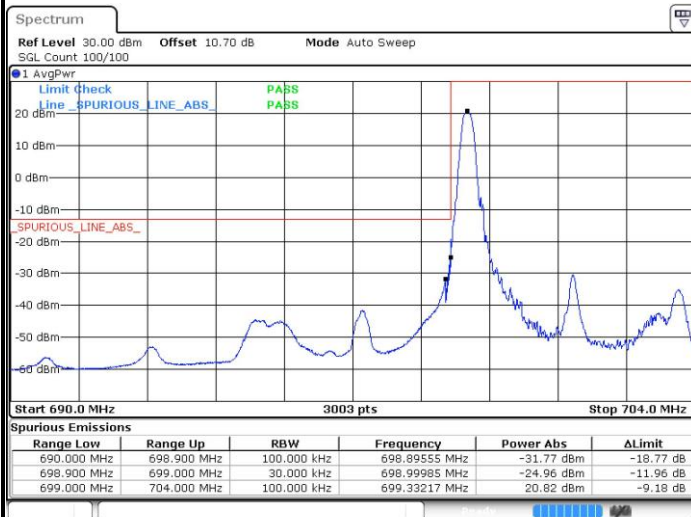
Highest Band Edge / Full RB



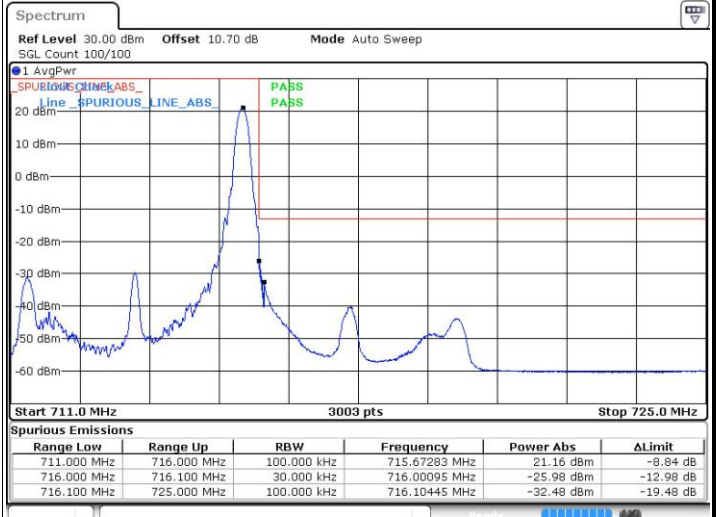


LTE Band 12 / 5MHz / QPSK

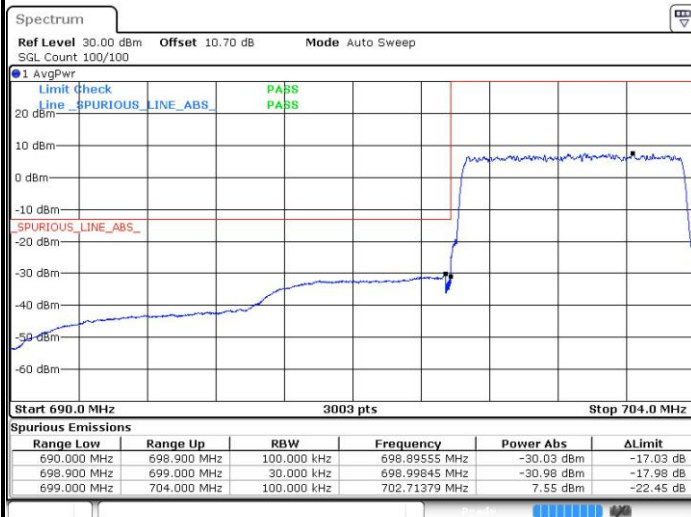
Lowest Band Edge / 1 RB



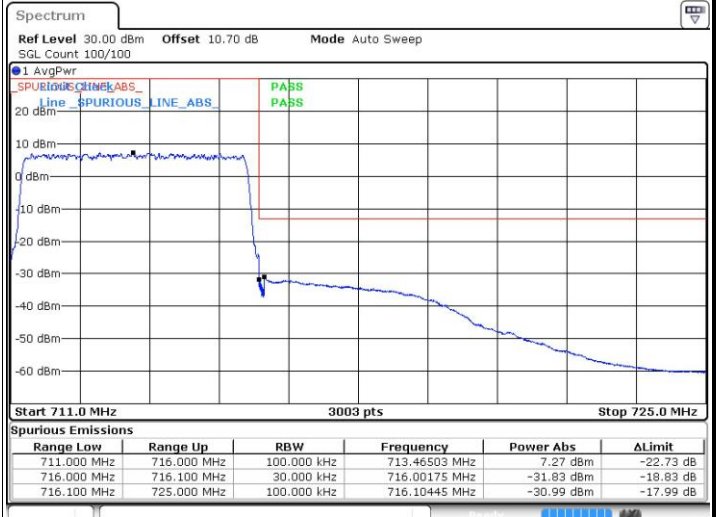
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



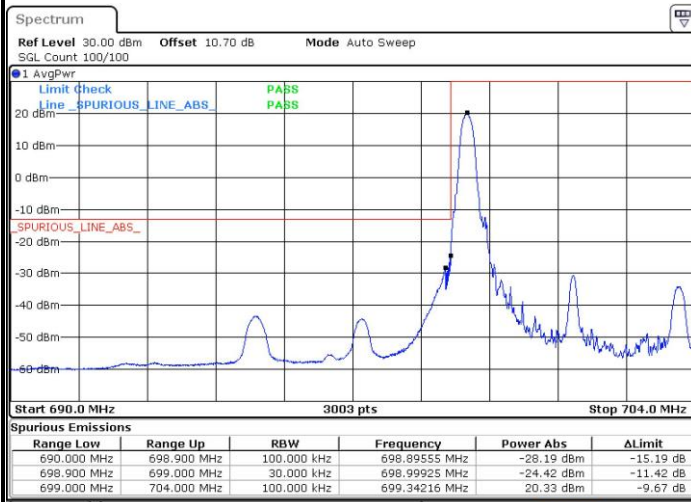
Highest Band Edge / Full RB





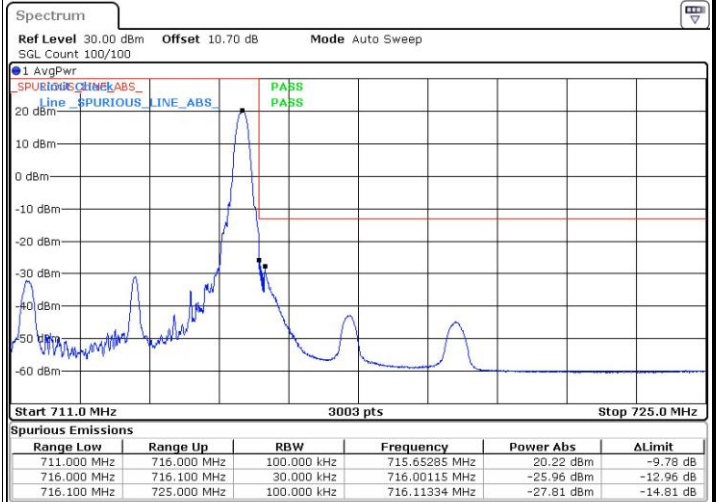
LTE Band 12 / 5MHz / 16QAM

Lowest Band Edge / 1RB



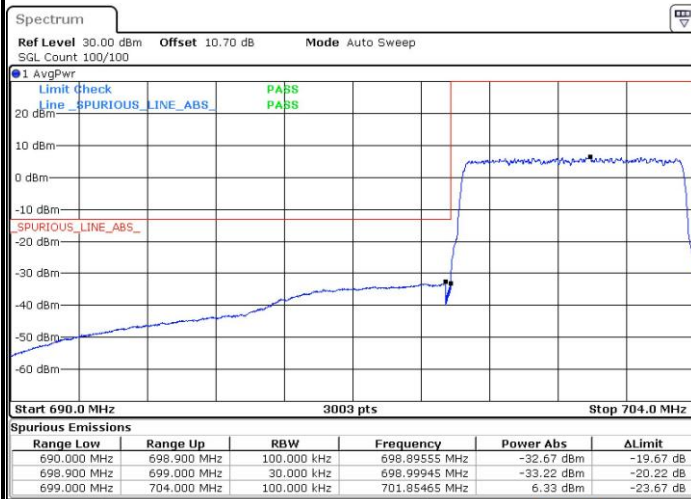
Date: 7.JAN.2019 14:28:13

Highest Band Edge / 1 RB



Date: 7.JAN.2019 14:38:46

Lowest Band Edge / Full RB



Date: 7.JAN.2019 14:27:13

Highest Band Edge / Full RB



Date: 7.JAN.2019 14:36:46