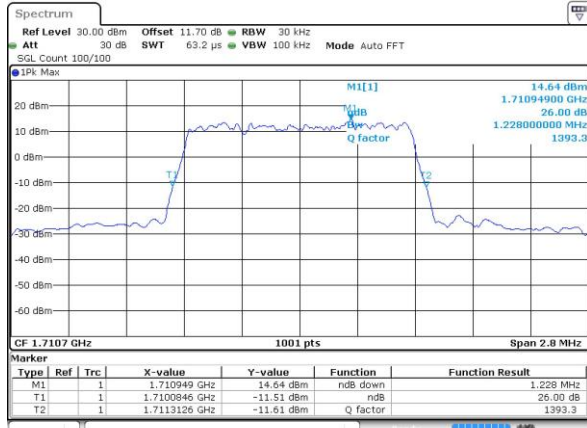




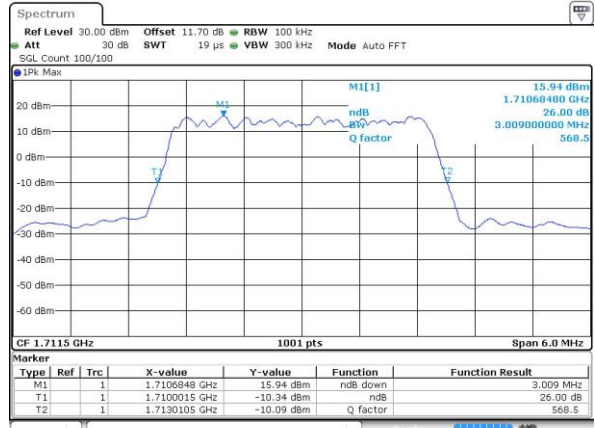
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



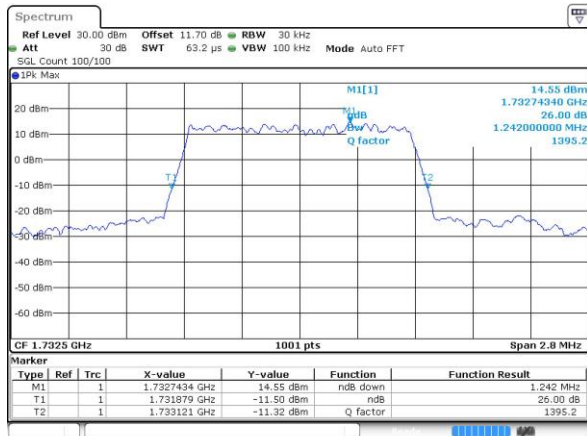
Date: 7 JAN 2019 13:45:45

Lowest Channel / 3MHz / 64QAM



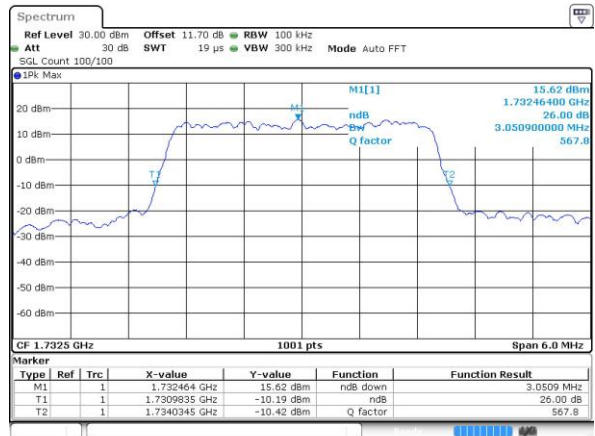
Date: 7 JAN 2019 12:37:16

Middle Channel / 1.4MHz / 64QAM



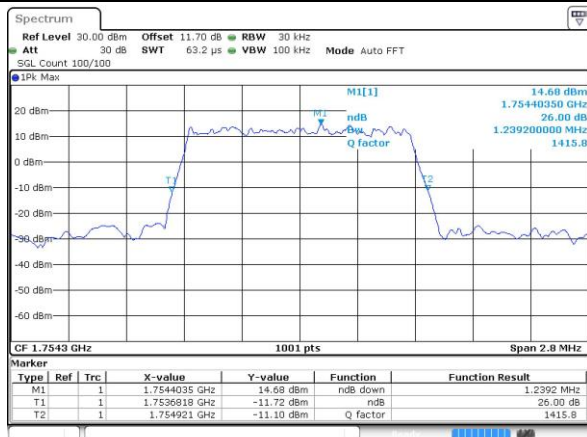
Date: 7 JAN 2019 13:49:16

Middle Channel / 3MHz / 64QAM



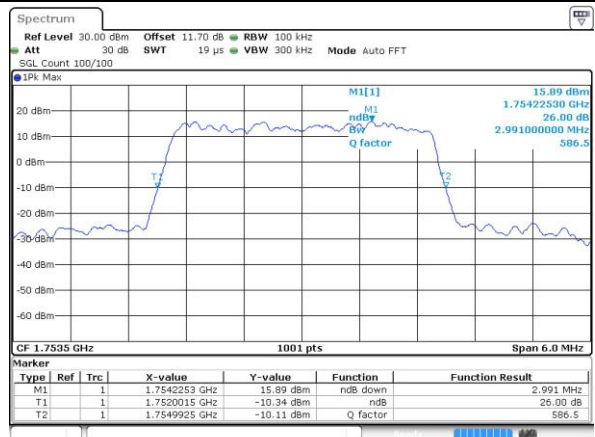
Date: 7 JAN 2019 12:40:40

Highest Channel / 1.4MHz / 64QAM



Date: 7 JAN 2019 13:50:39

Highest Channel / 3MHz / 64QAM

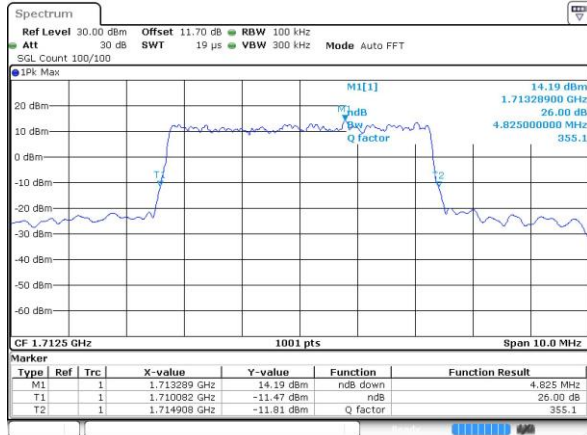


Date: 7 JAN 2019 12:42:03



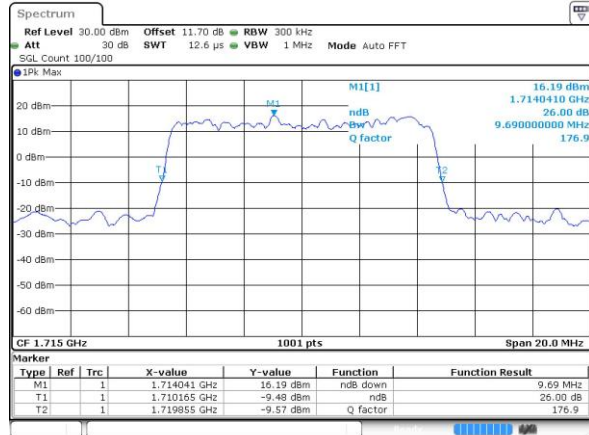
LTE Band 4

Lowest Channel / 5MHz / 64QAM



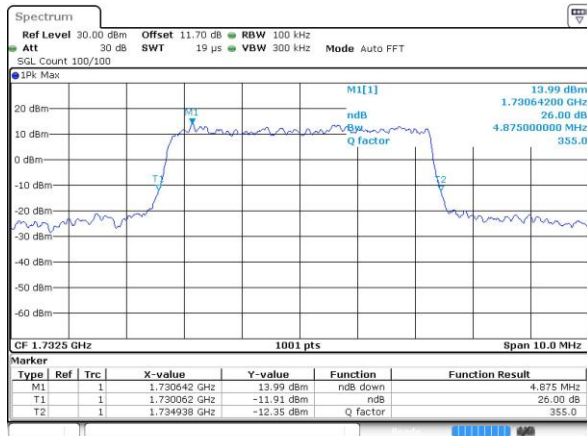
Date: 7 JAN 2019 12:45:27

Lowest Channel / 10MHz / 64QAM



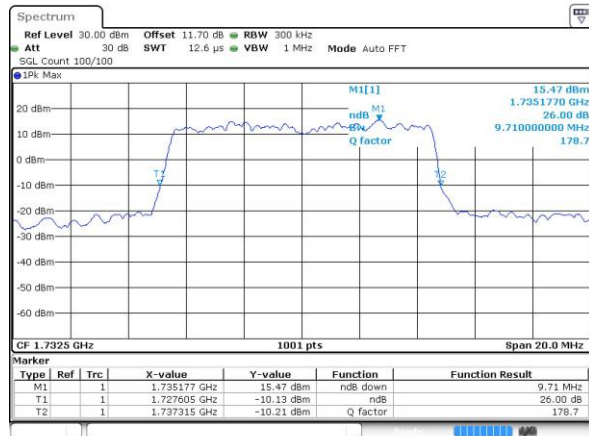
Date: 7 JAN 2019 12:53:38

Middle Channel / 5MHz / 64QAM



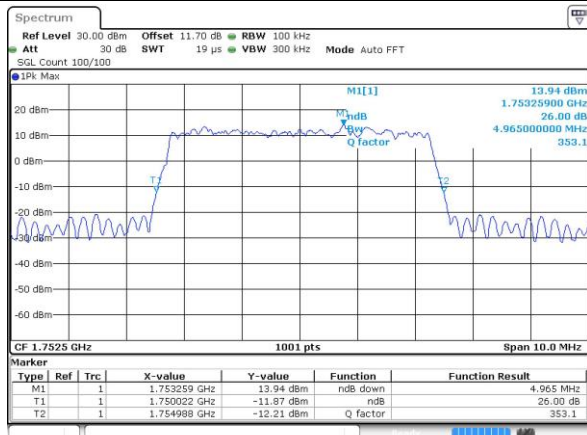
Date: 7 JAN 2019 12:48:51

Middle Channel / 10MHz / 64QAM



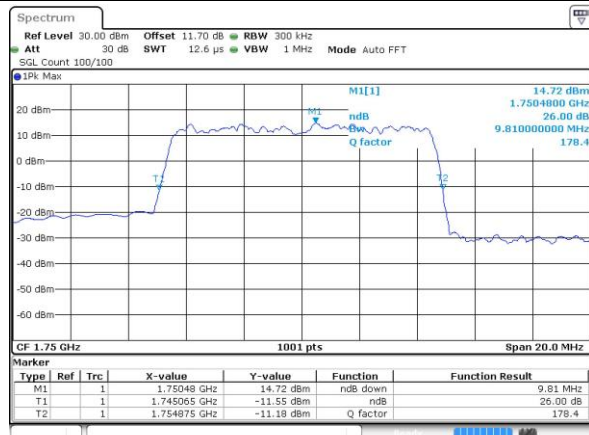
Date: 7 JAN 2019 12:57:02

Highest Channel / 5MHz / 64QAM



Date: 7 JAN 2019 12:50:15

Highest Channel / 10MHz / 64QAM

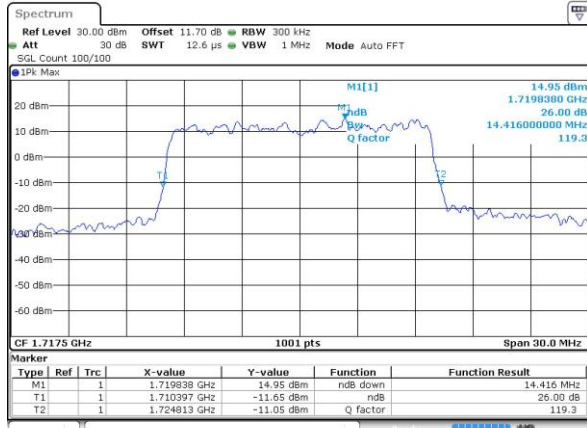


Date: 7 JAN 2019 12:58:26



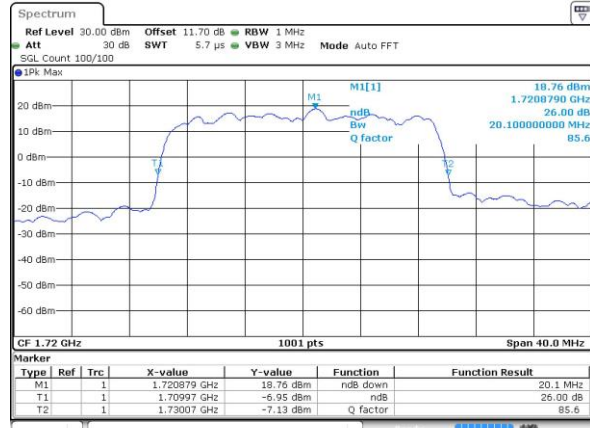
LTE Band 4

Lowest Channel / 15MHz / 64QAM



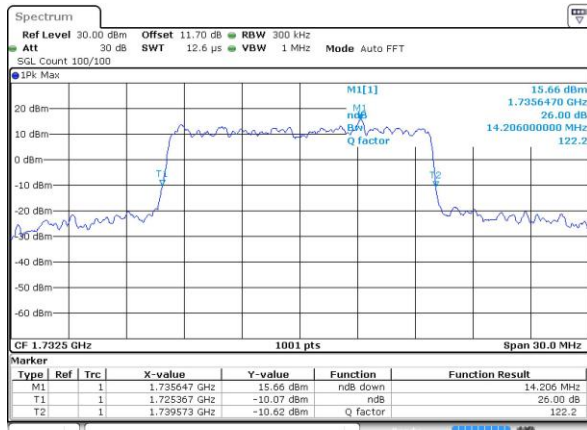
Date: 7 JAN 2019 13:01:49

Lowest Channel / 20MHz / 64QAM



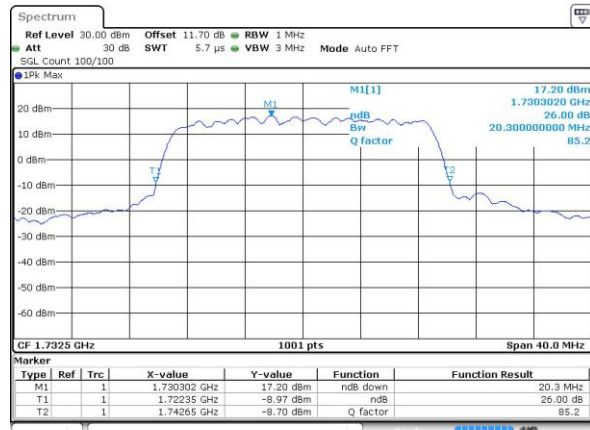
Date: 7 JAN 2019 13:32:38

Middle Channel / 15MHz / 64QAM



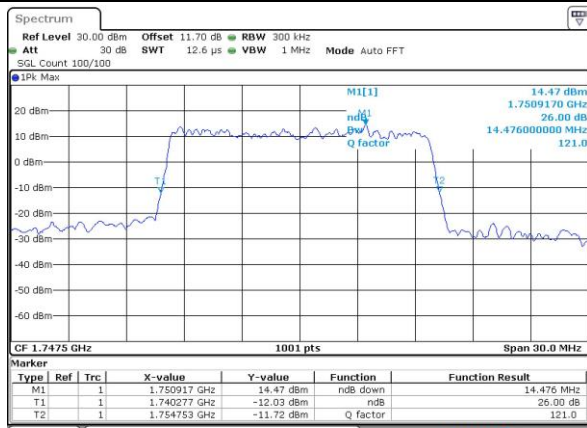
Date: 7 JAN 2019 13:05:13

Middle Channel / 20MHz / 64QAM



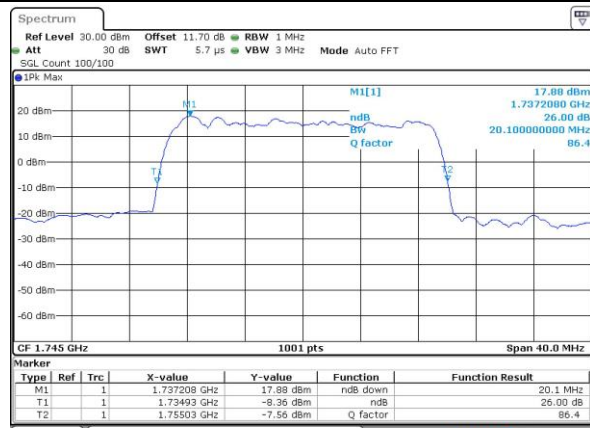
Date: 7 JAN 2019 13:36:02

Highest Channel / 15MHz / 64QAM



Date: 7 JAN 2019 13:29:15

Highest Channel / 20MHz / 64QAM



Date: 7 JAN 2019 13:37:25

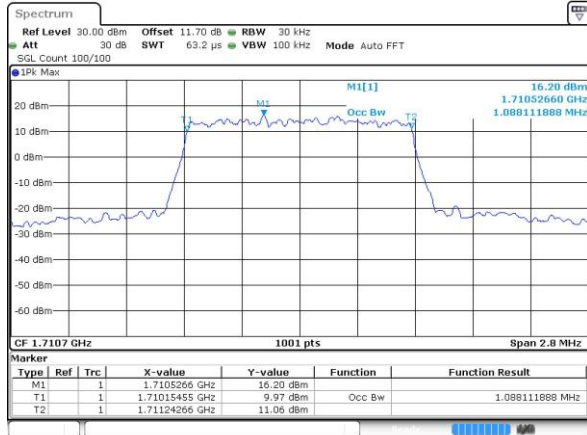
**Occupied Bandwidth**

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	1.09	2.73	2.71	4.48	4.5	9.05	9.03	13.43	13.52	18.3	18.34
Middle CH	1.09	1.09	2.72	2.72	4.49	4.49	9.03	9.01	13.46	13.52	18.42	18.34
Highest CH	1.09	1.09	2.7	2.7	4.49	4.49	9.03	9.05	13.43	13.49	18.3	18.42
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09	-	2.73	-	4.50	-	9.07	-	13.43	-	18.34	-
Middle CH	1.09	-	2.71	-	4.50	-	9.09	-	13.49	-	18.26	-
Highest CH	1.09	-	2.71	-	4.47	-	9.05	-	13.40	-	18.22	-

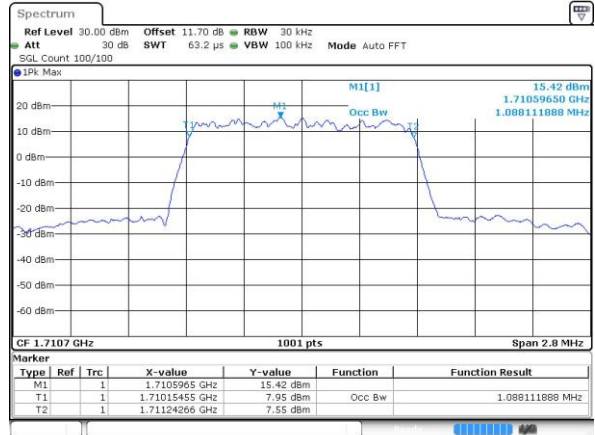


LTE Band 4

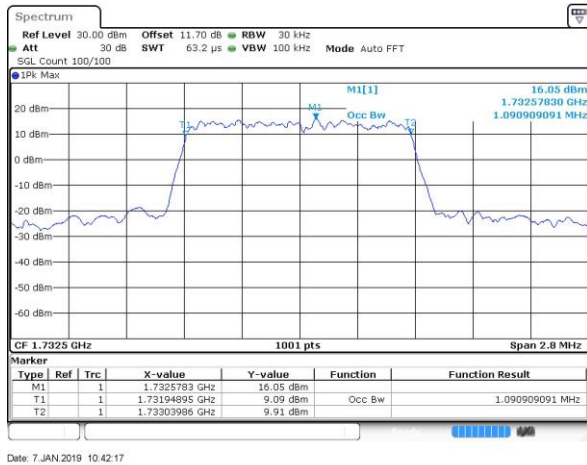
Lowest Channel / 1.4MHz / QPSK



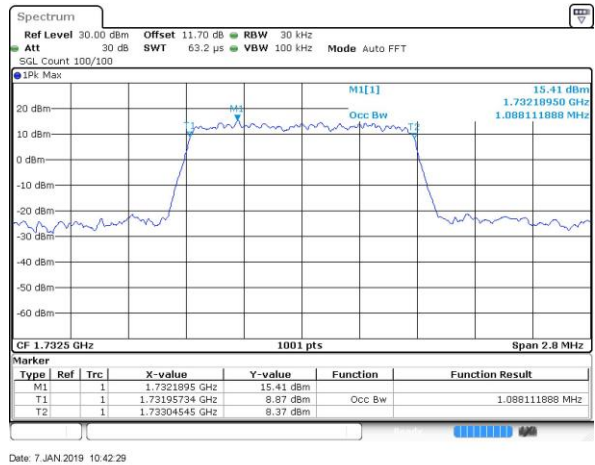
Lowest Channel / 1.4MHz / 16QAM



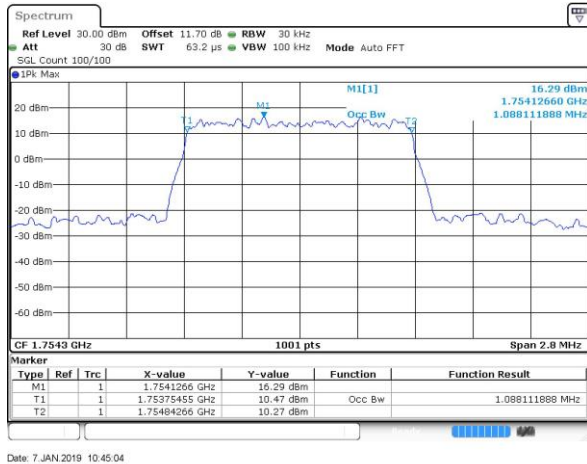
Middle Channel / 1.4MHz / QPSK



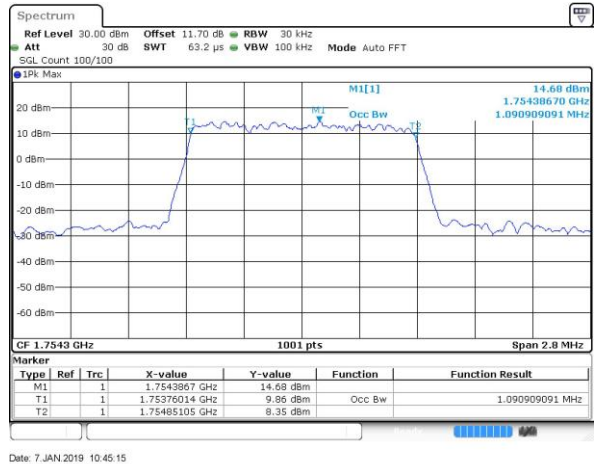
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



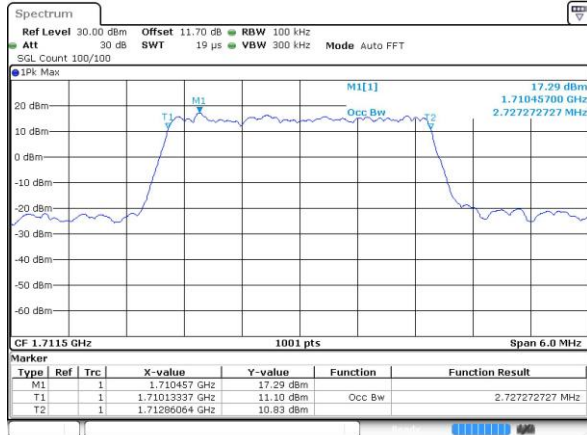
Highest Channel / 1.4MHz / 16QAM





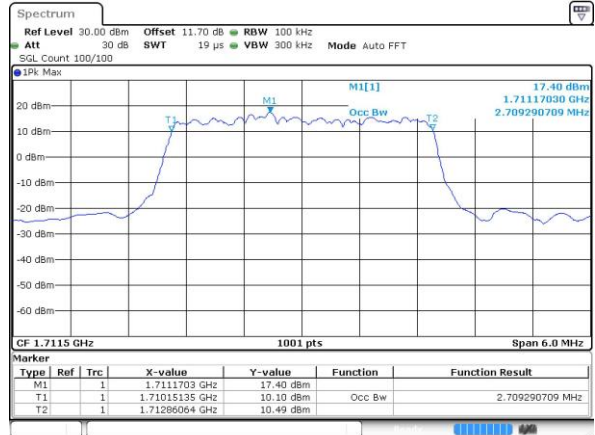
LTE Band 4

Lowest Channel / 3MHz / QPSK



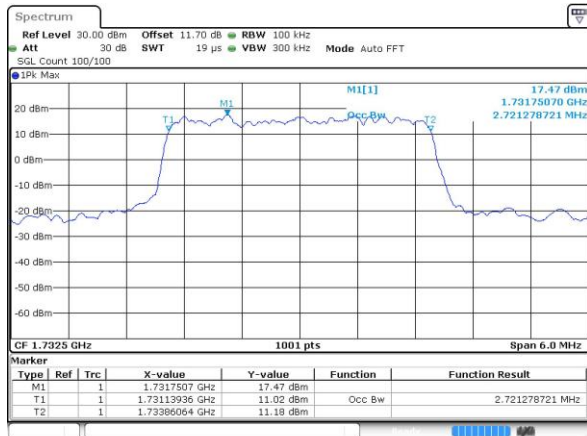
Date: 7 JAN 2019 08:34:44

Lowest Channel / 3MHz / 16QAM



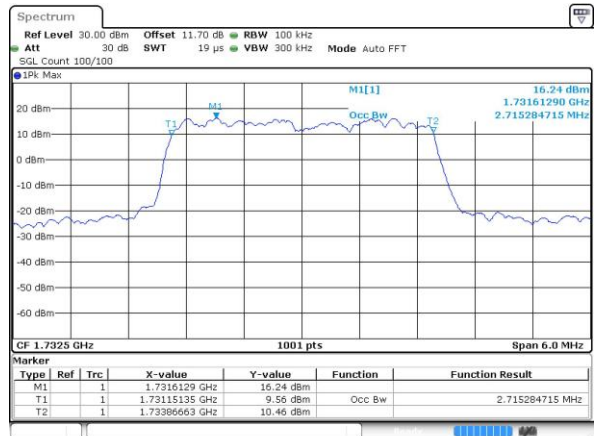
Date: 7 JAN 2019 08:34:56

Middle Channel / 3MHz / QPSK



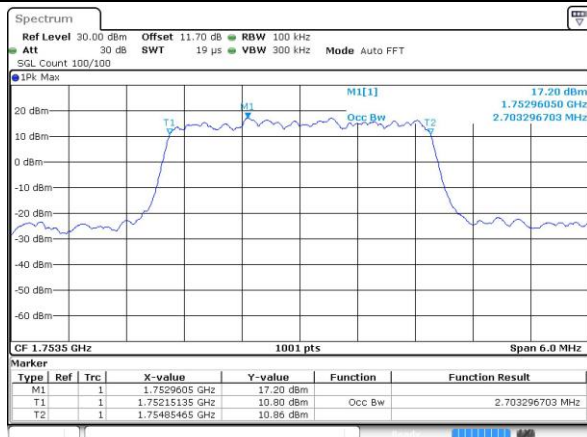
Date: 7 JAN 2019 08:41:32

Middle Channel / 3MHz / 16QAM



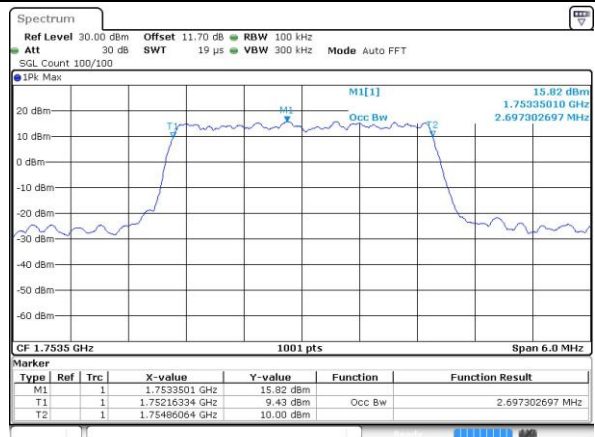
Date: 7 JAN 2019 08:41:43

Highest Channel / 3MHz / QPSK



Date: 7 JAN 2019 08:44:18

Highest Channel / 3MHz / 16QAM

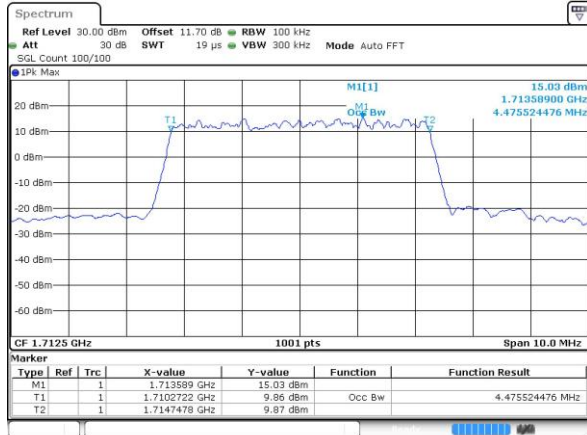


Date: 7 JAN 2019 08:44:30



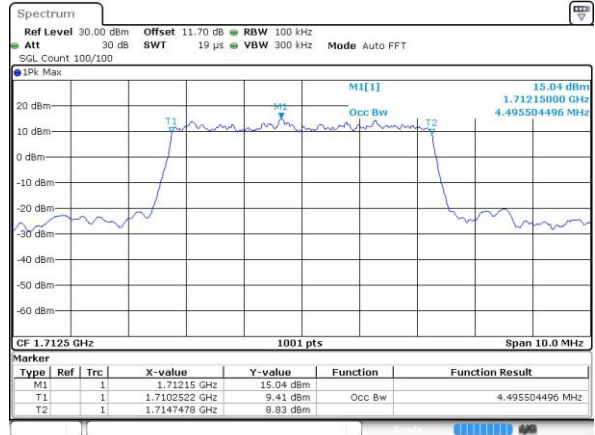
LTE Band 4

Lowest Channel / 5MHz / QPSK



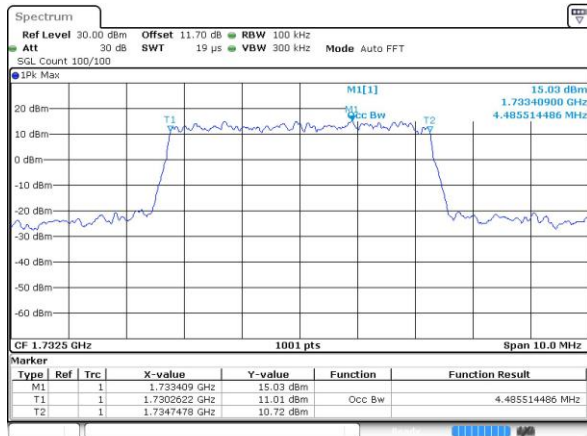
Date: 7 JAN 2019 08:51:06

Lowest Channel / 5MHz / 16QAM



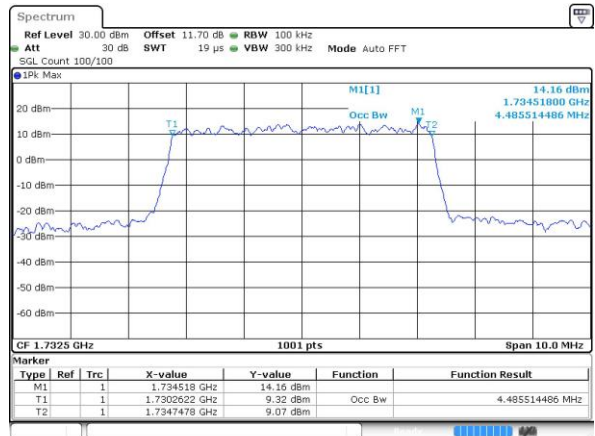
Date: 7 JAN 2019 08:51:17

Middle Channel / 5MHz / QPSK



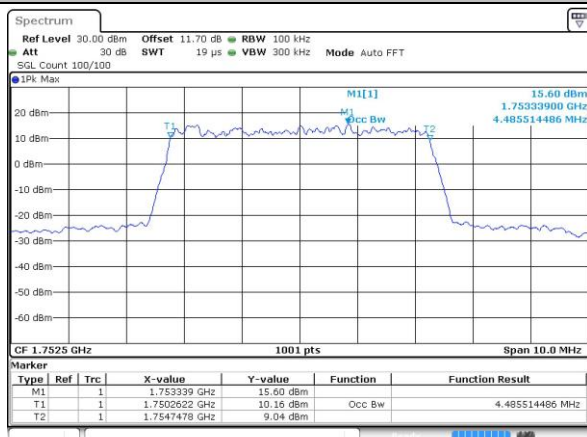
Date: 7 JAN 2019 08:57:53

Middle Channel / 5MHz / 16QAM



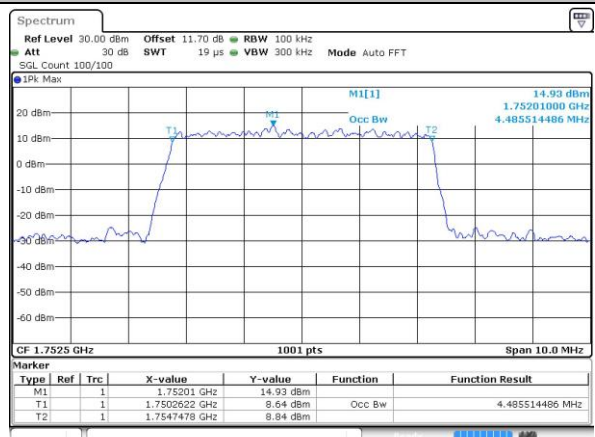
Date: 7 JAN 2019 08:58:04

Highest Channel / 5MHz / QPSK



Date: 7 JAN 2019 09:00:39

Highest Channel / 5MHz / 16QAM

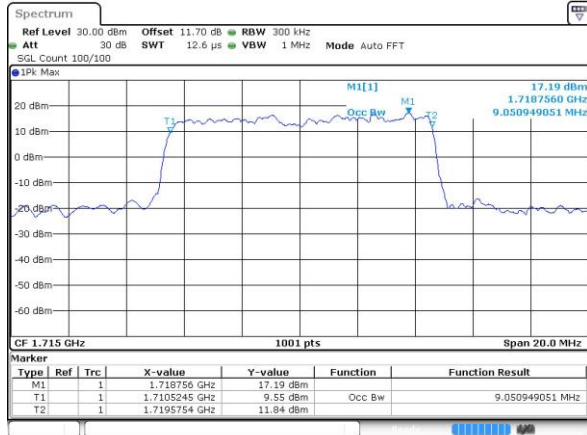


Date: 7 JAN 2019 09:00:51



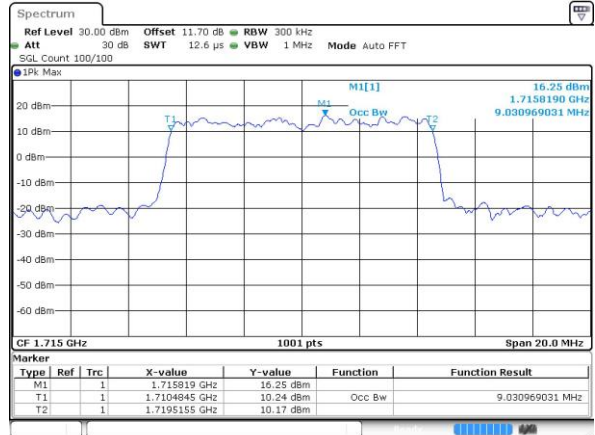
LTE Band 4

Lowest Channel / 10MHz / QPSK



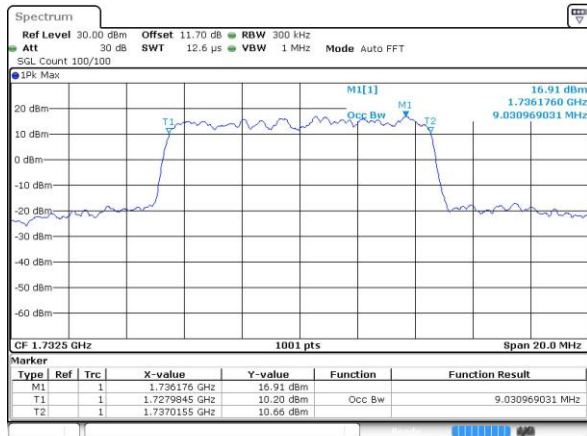
Date: 7 JAN 2019 09:07:27

Lowest Channel / 10MHz / 16QAM



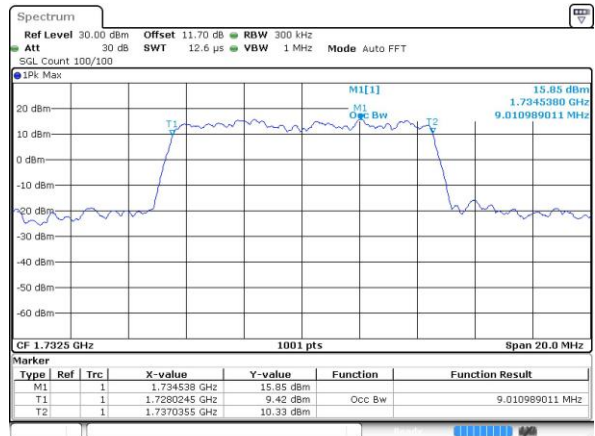
Date: 7 JAN 2019 09:07:38

Middle Channel / 10MHz / QPSK



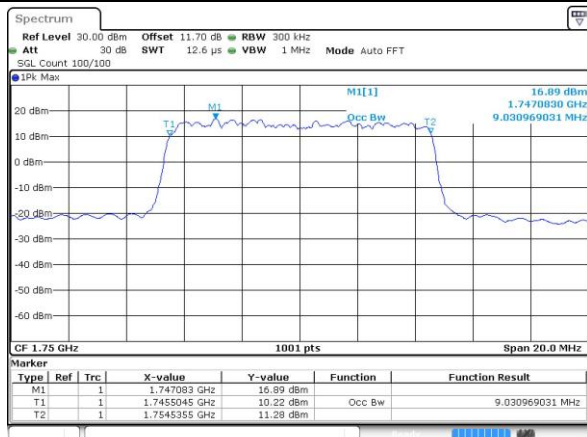
Date: 7 JAN 2019 09:14:14

Middle Channel / 10MHz / 16QAM



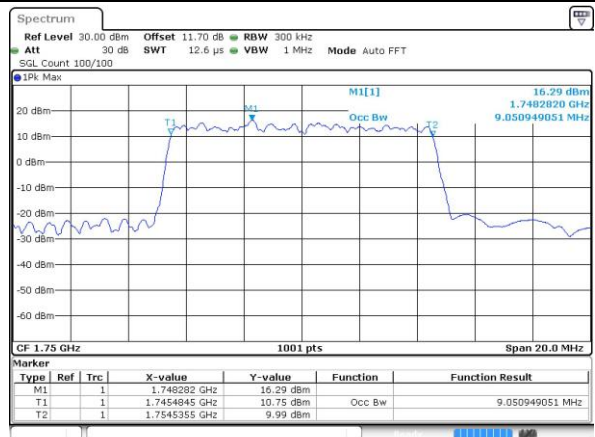
Date: 7 JAN 2019 09:14:25

Highest Channel / 10MHz / QPSK



Date: 7 JAN 2019 09:17:00

Highest Channel / 10MHz / 16QAM

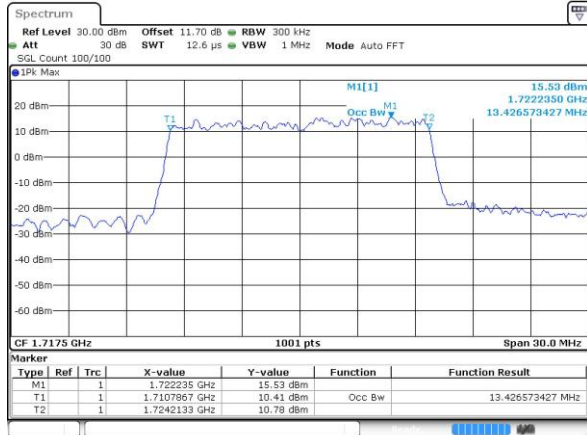


Date: 7 JAN 2019 09:17:12



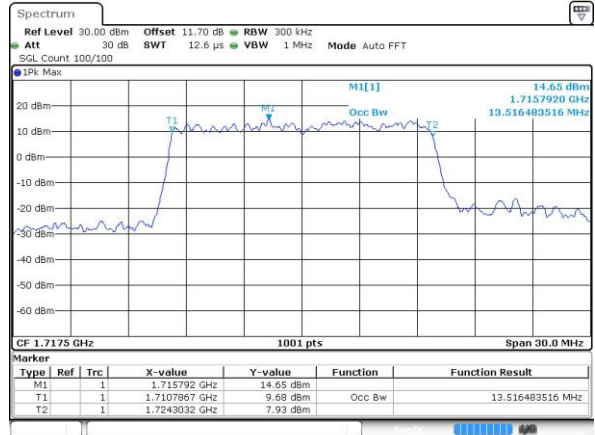
LTE Band 4

Lowest Channel / 15MHz / QPSK



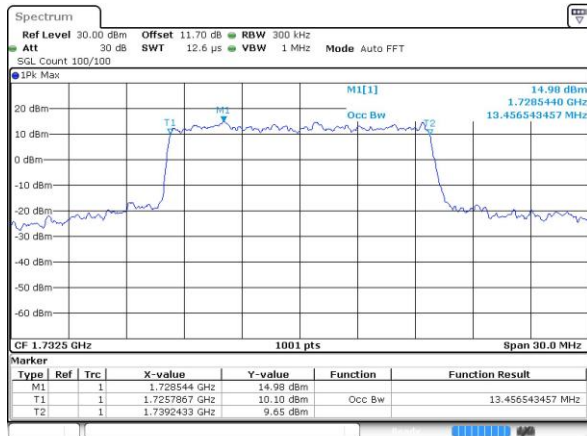
Date: 7 JAN 2019 09:23:48

Lowest Channel / 15MHz / 16QAM



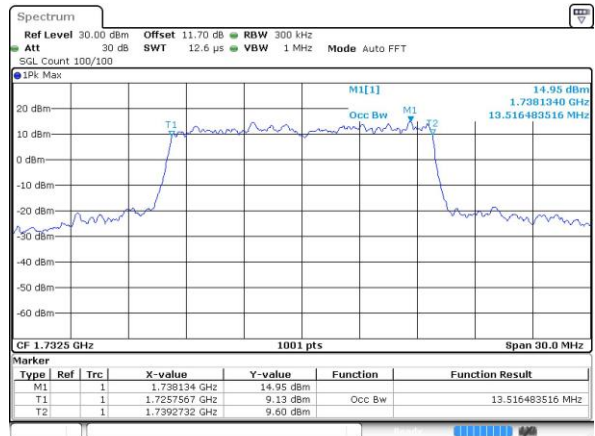
Date: 7 JAN 2019 09:23:59

Middle Channel / 15MHz / QPSK



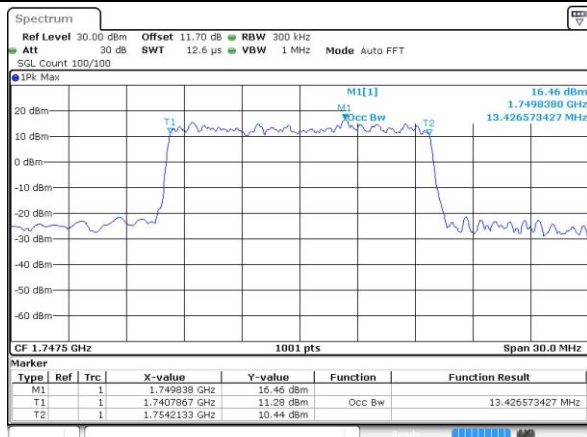
Date: 7 JAN 2019 09:30:35

Middle Channel / 15MHz / 16QAM



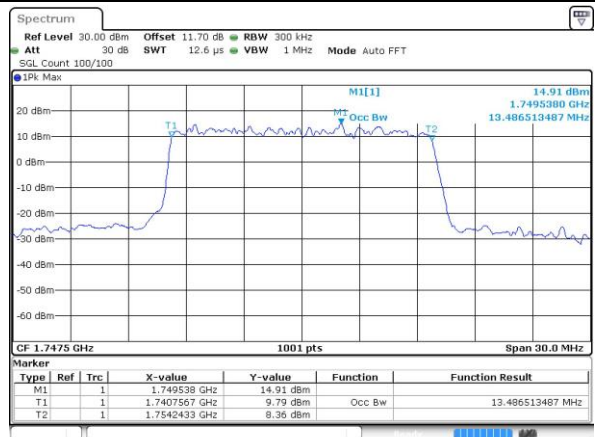
Date: 7 JAN 2019 09:30:46

Highest Channel / 15MHz / QPSK



Date: 7 JAN 2019 09:33:21

Highest Channel / 15MHz / 16QAM

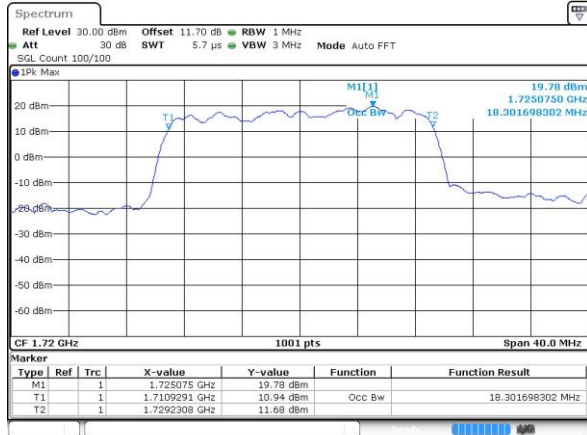


Date: 7 JAN 2019 09:33:33

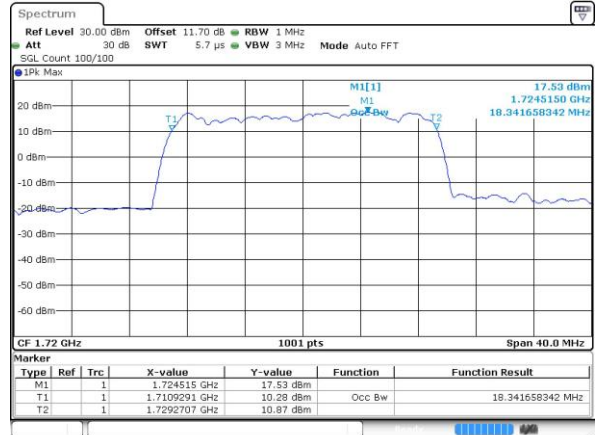


LTE Band 4

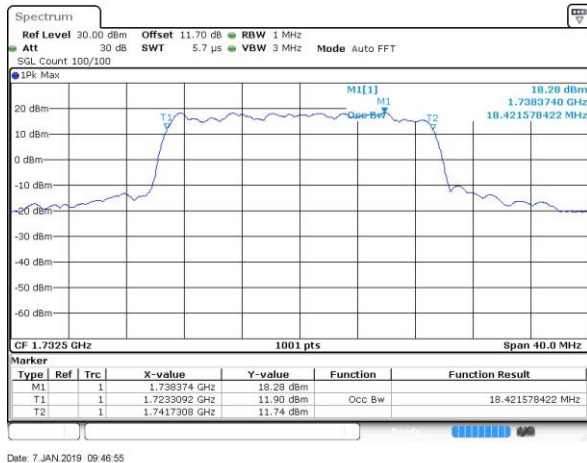
Lowest Channel / 20MHz / QPSK



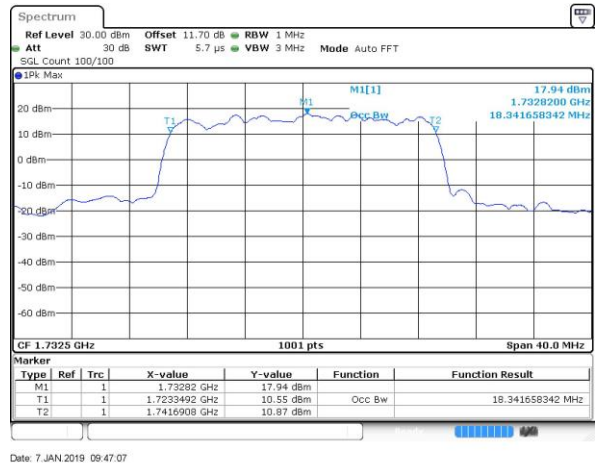
Lowest Channel / 20MHz / 16QAM



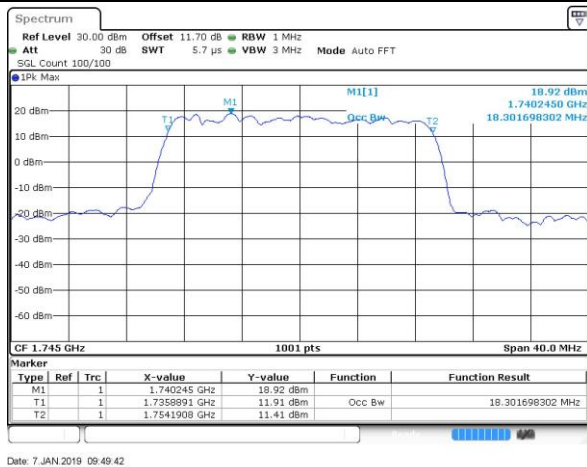
Middle Channel / 20MHz / QPSK



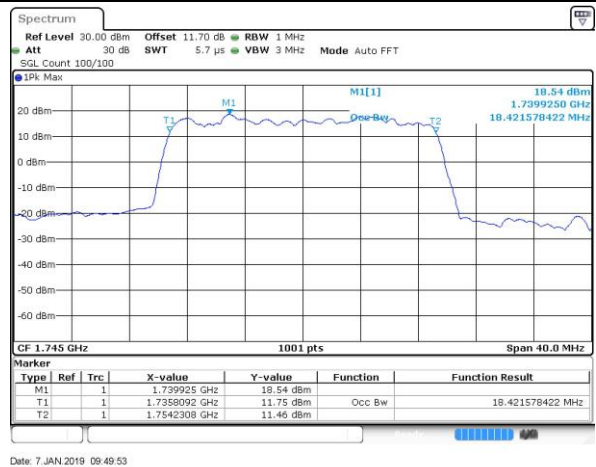
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



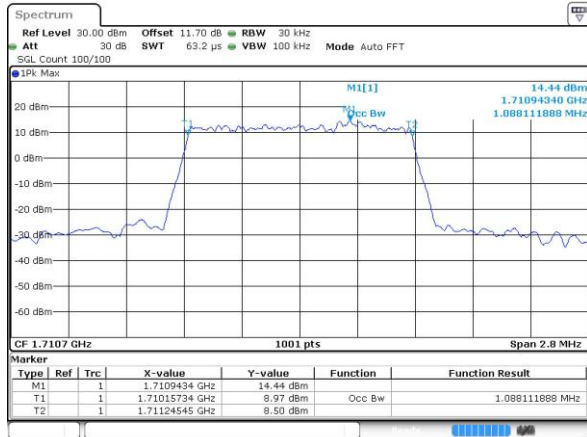
Highest Channel / 20MHz / 16QAM



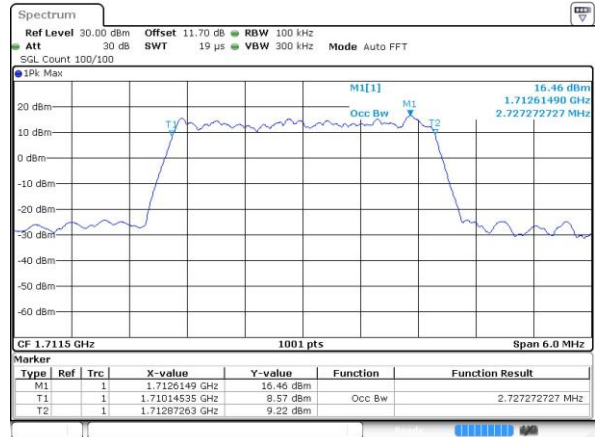


LTE Band 4

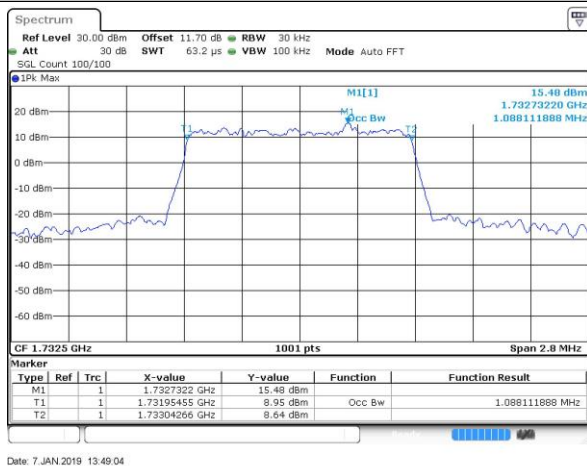
Lowest Channel / 1.4MHz / 64QAM



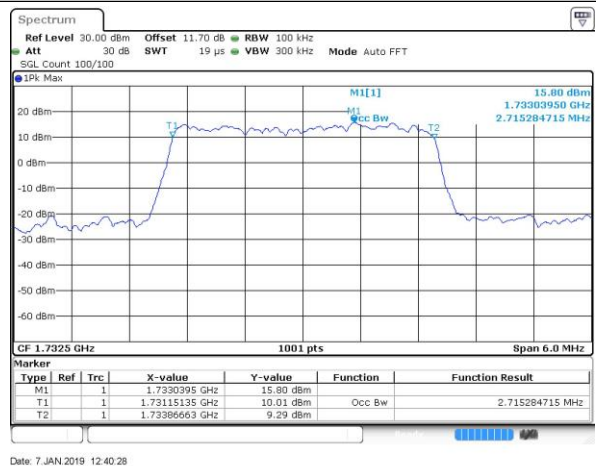
Lowest Channel / 3MHz / 64QAM



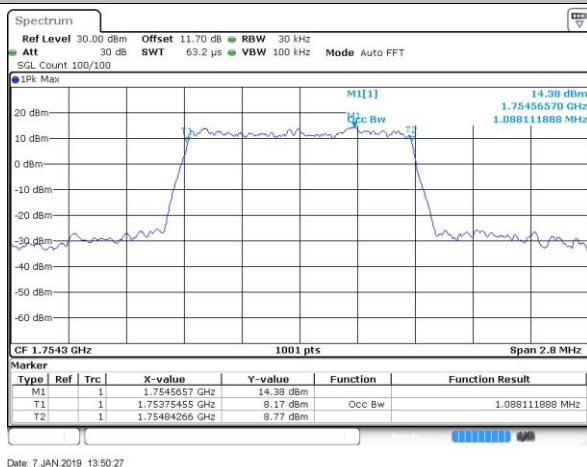
Middle Channel / 1.4MHz / 64QAM



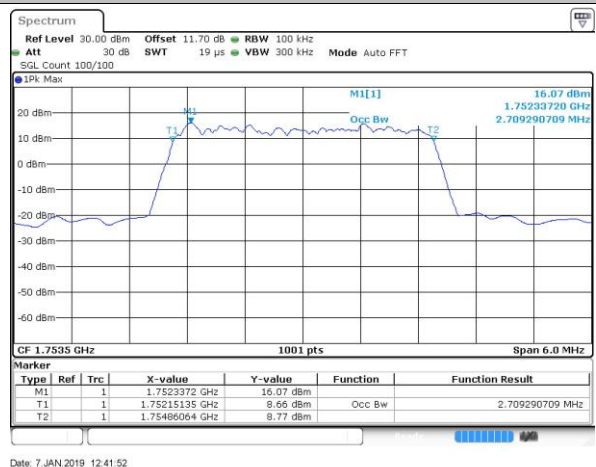
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



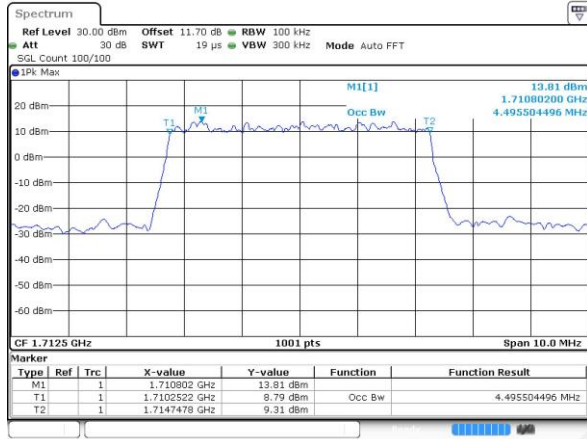
Highest Channel / 3MHz / 64QAM



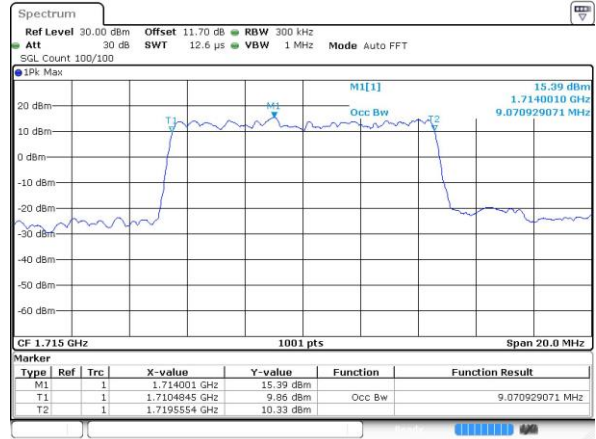


LTE Band 4

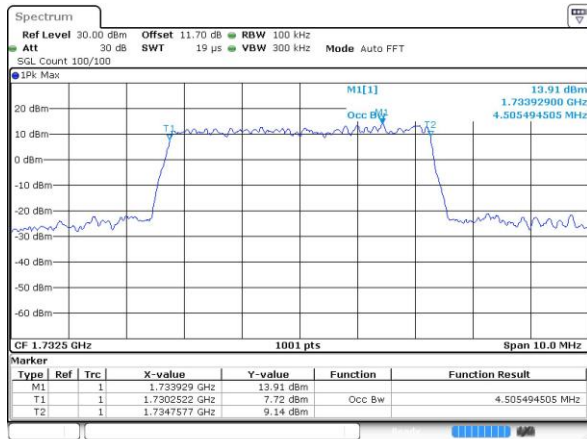
Lowest Channel / 5MHz / 64QAM



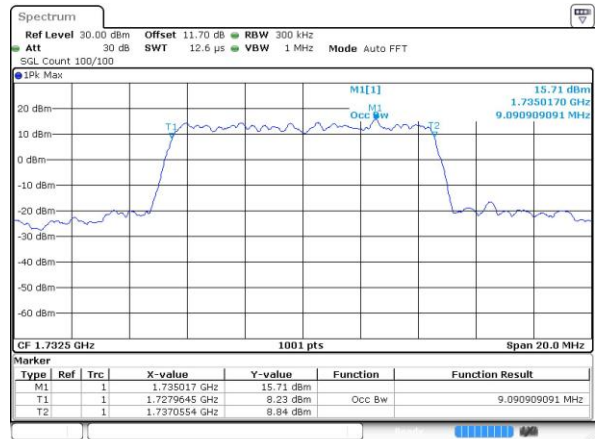
Lowest Channel / 10MHz / 64QAM



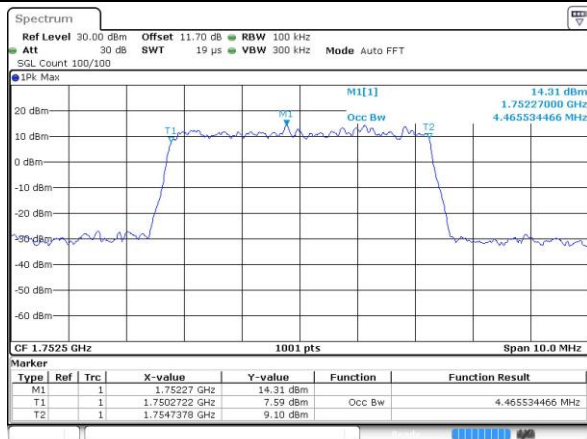
Middle Channel / 5MHz / 64QAM



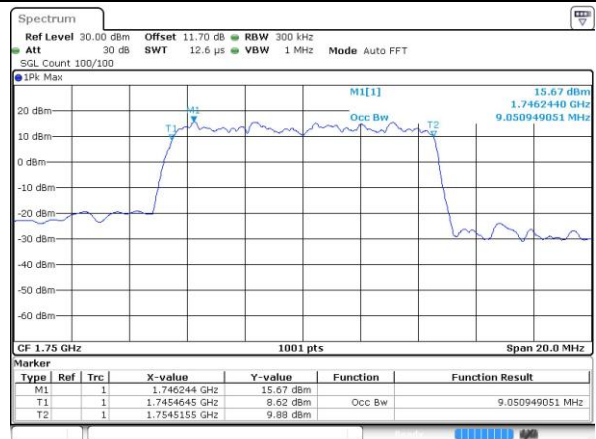
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



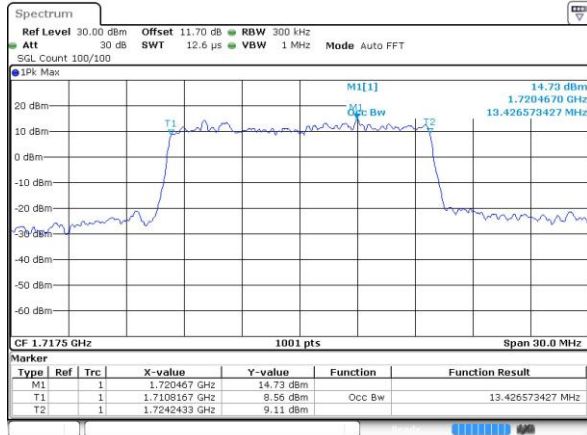
Highest Channel / 10MHz / 64QAM





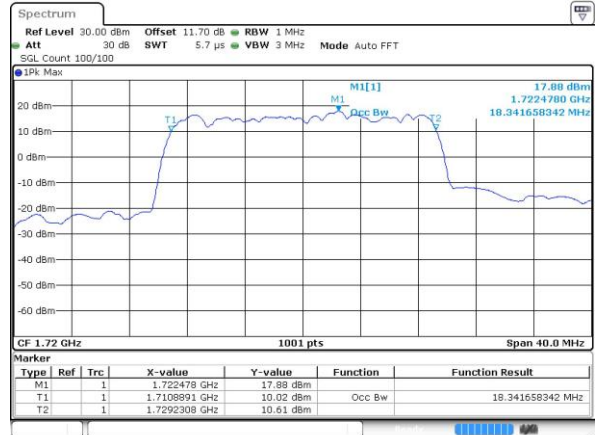
LTE Band 4

Lowest Channel / 15MHz / 64QAM



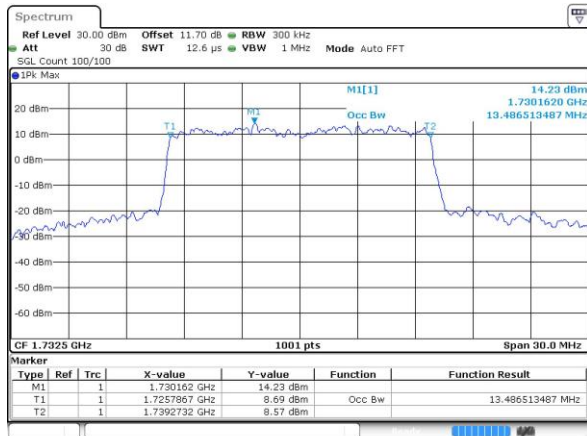
Date: 7 JAN 2019 13:01:38

Lowest Channel / 20MHz / 64QAM



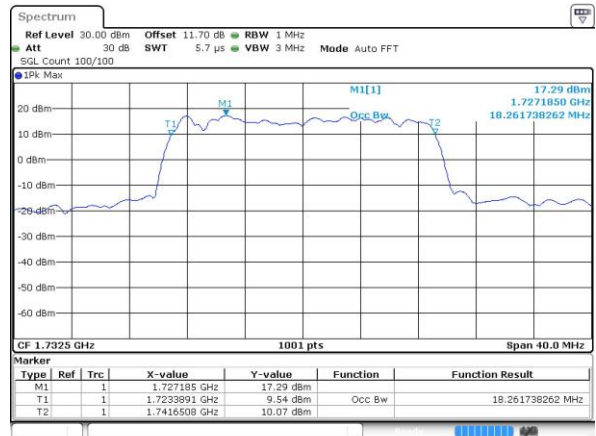
Date: 7 JAN 2019 13:32:27

Middle Channel / 15MHz / 64QAM



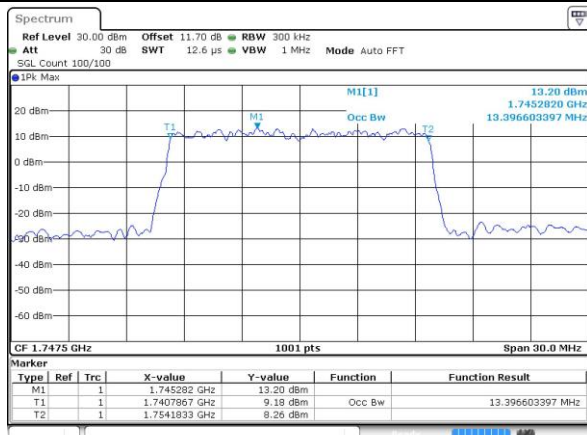
Date: 7 JAN 2019 13:05:02

Middle Channel / 20MHz / 64QAM



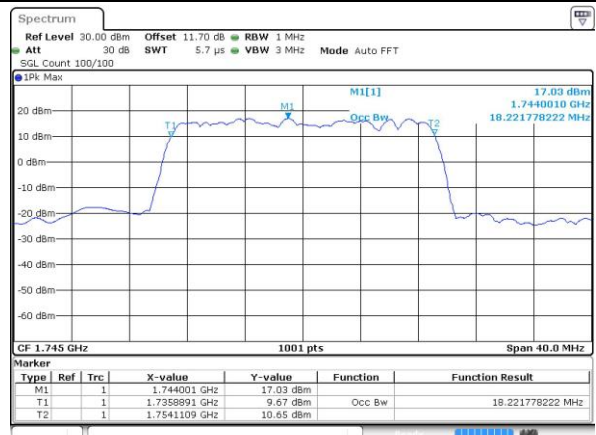
Date: 7 JAN 2019 13:35:51

Highest Channel / 15MHz / 64QAM

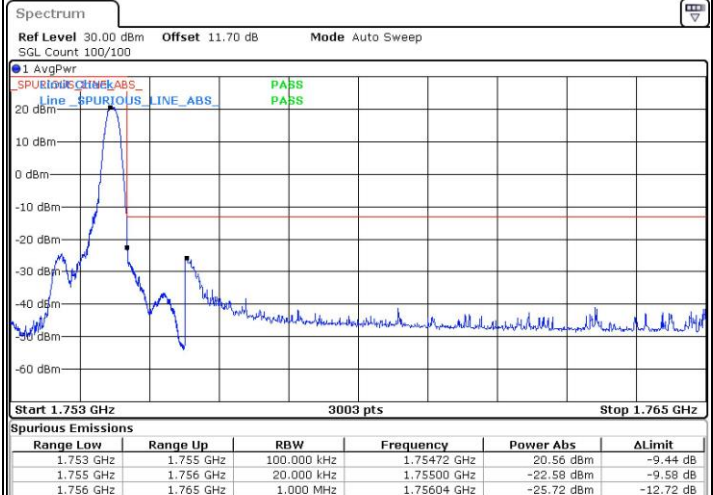
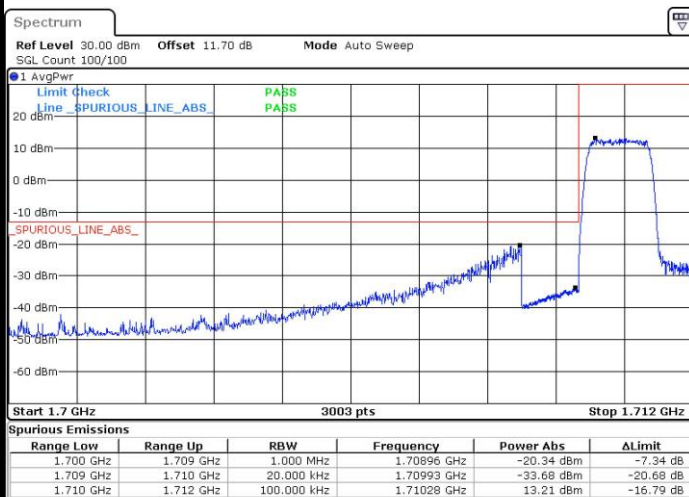
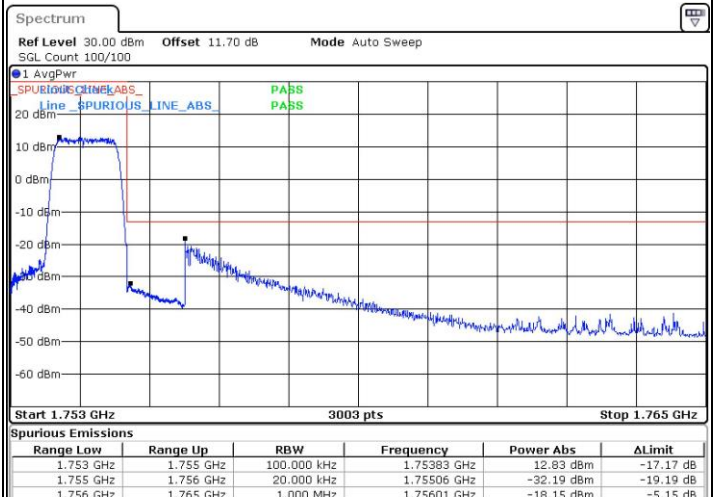


Date: 7 JAN 2019 13:29:03

Highest Channel / 20MHz / 64QAM



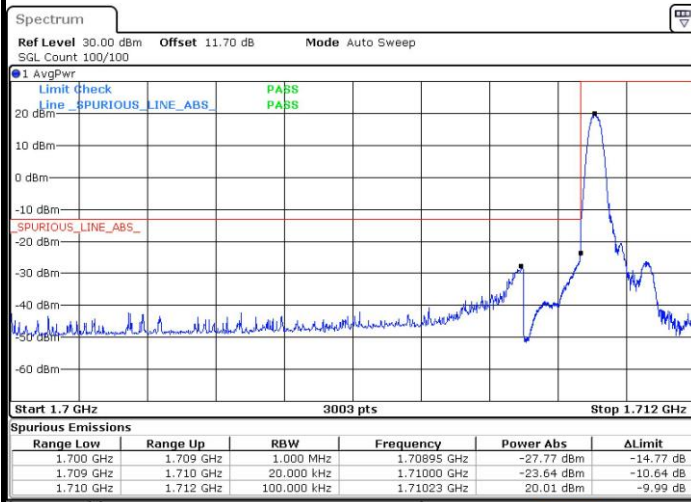
Date: 7 JAN 2019 13:37:14

**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**

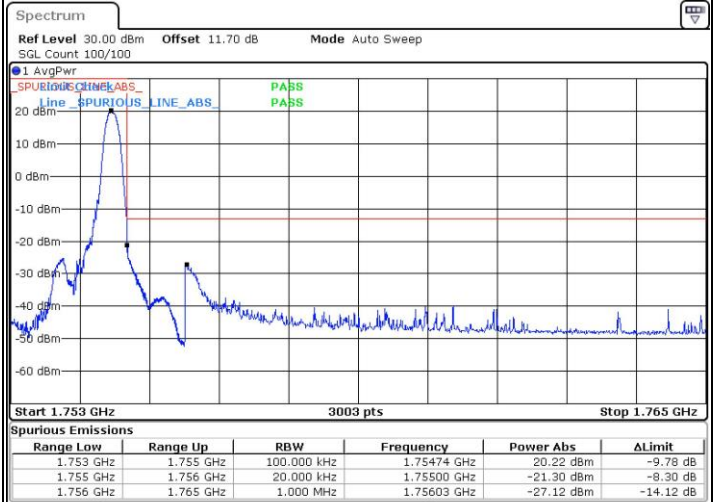


LTE Band 4 / 1.4MHz / 16QAM

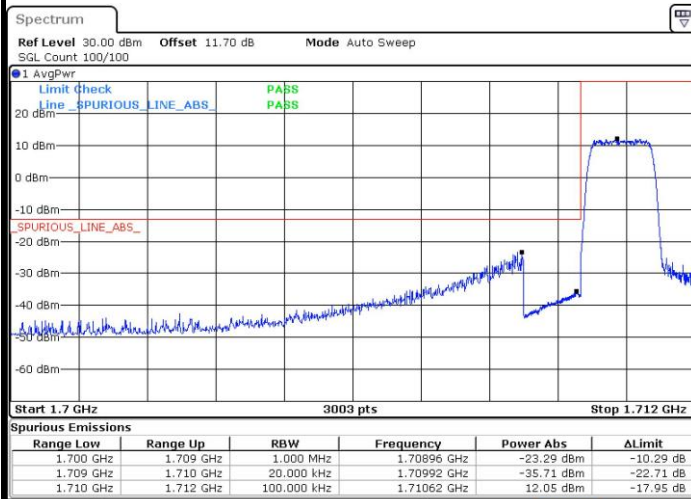
Lowest Band Edge / 1 RB



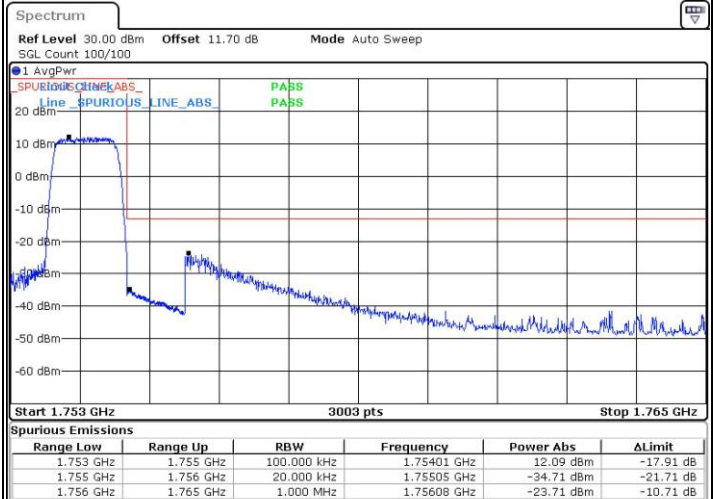
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



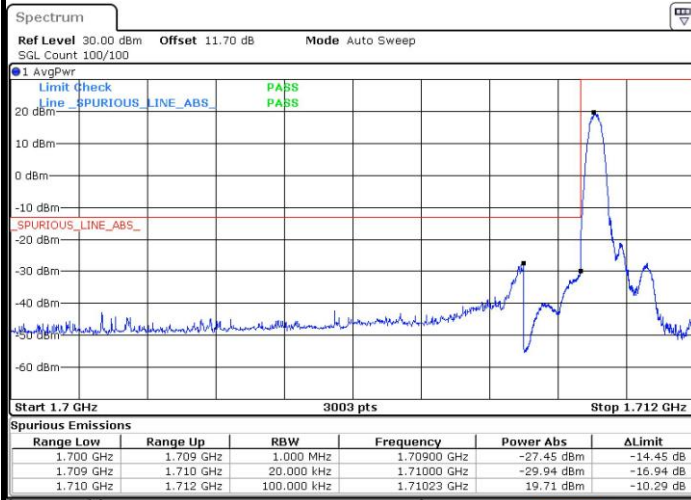
Highest Band Edge / Full RB



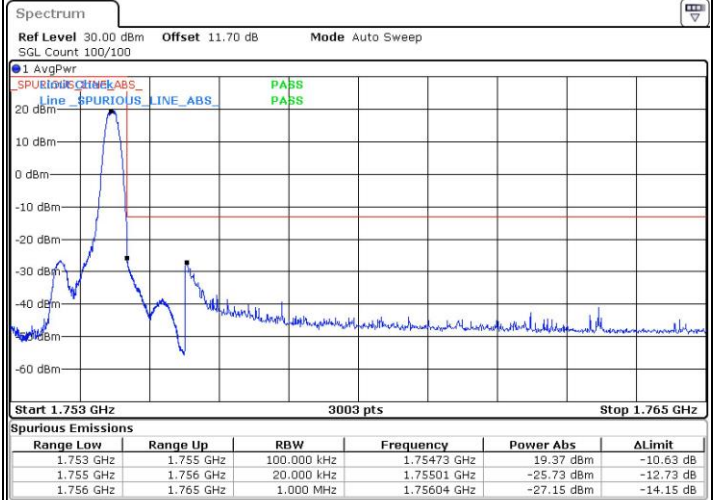


LTE Band 4 / 1.4MHz / 64QAM

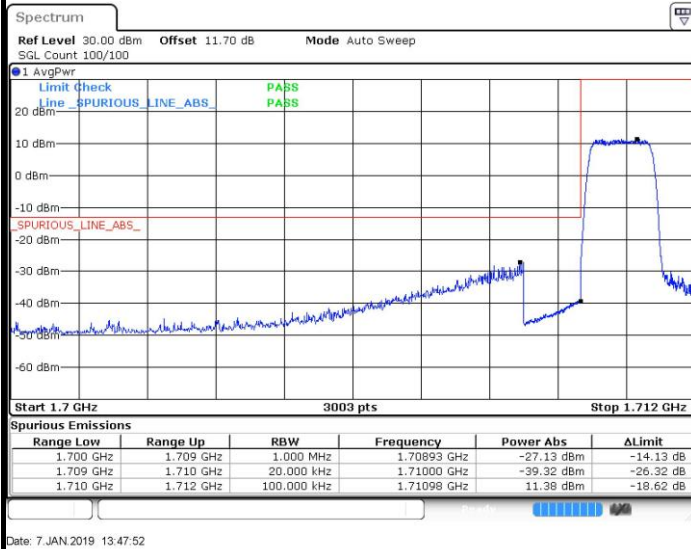
Lowest Band Edge / 1 RB



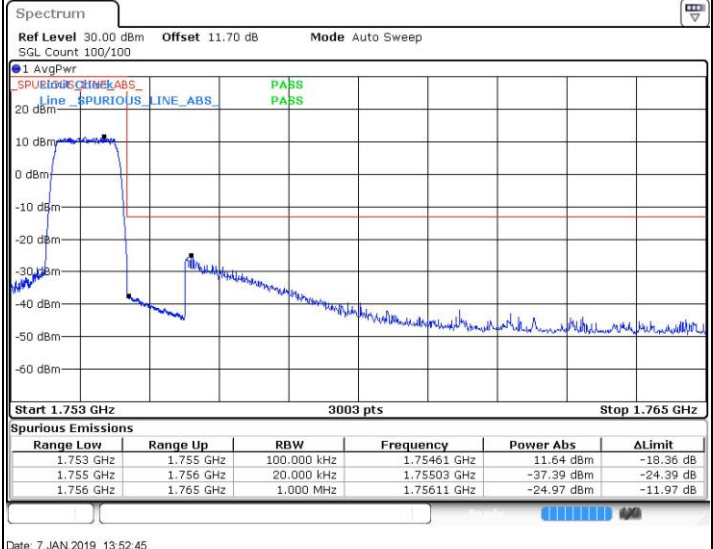
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



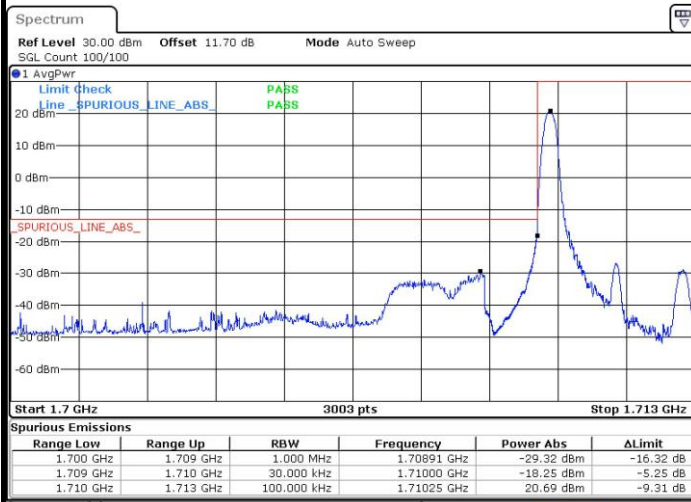
Highest Band Edge / Full RB



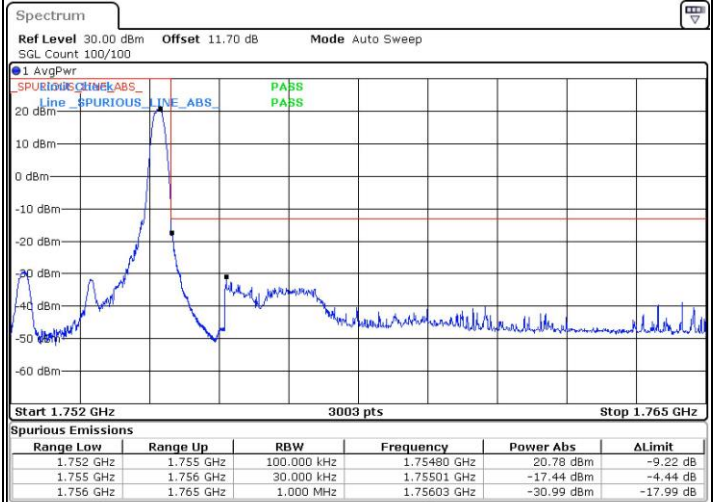


LTE Band 4 / 3MHz / QPSK

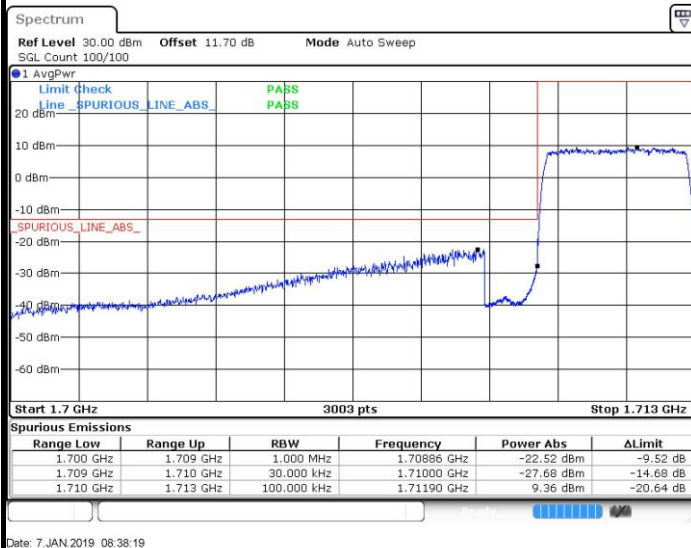
Lowest Band Edge / 1RB



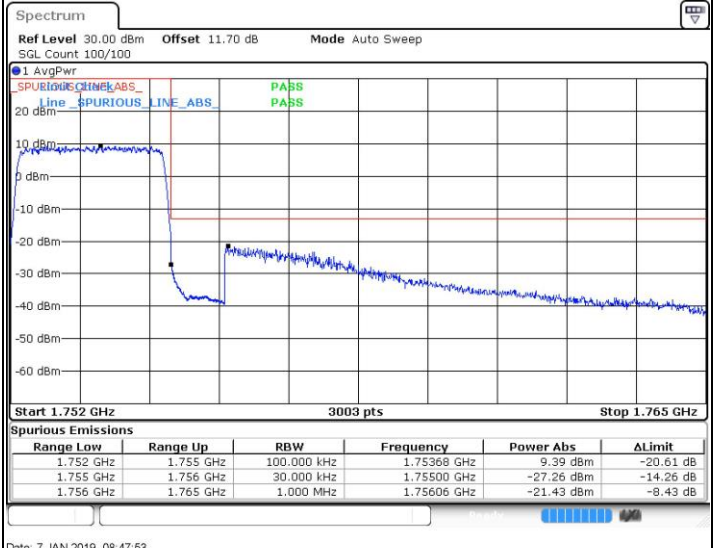
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



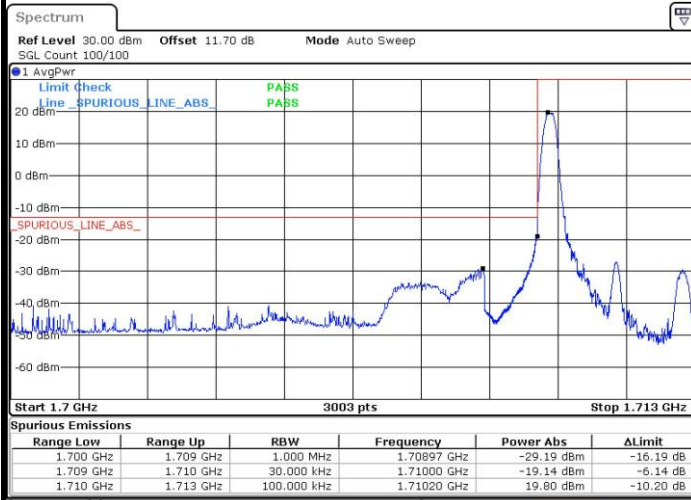
Highest Band Edge / Full RB



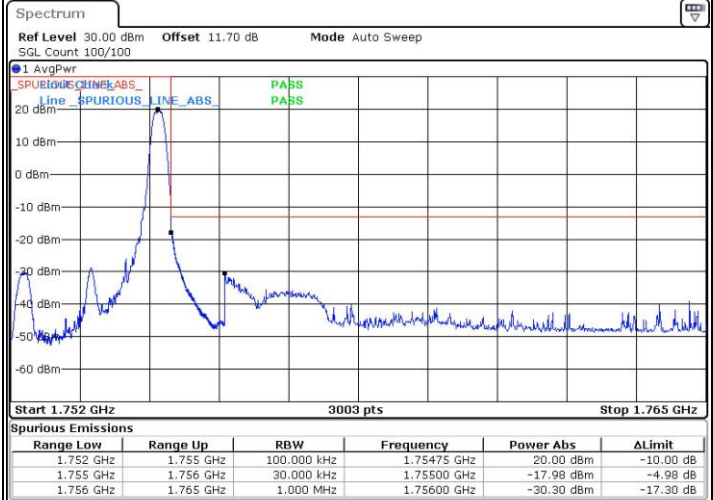


LTE Band 4 / 3MHz / 16QAM

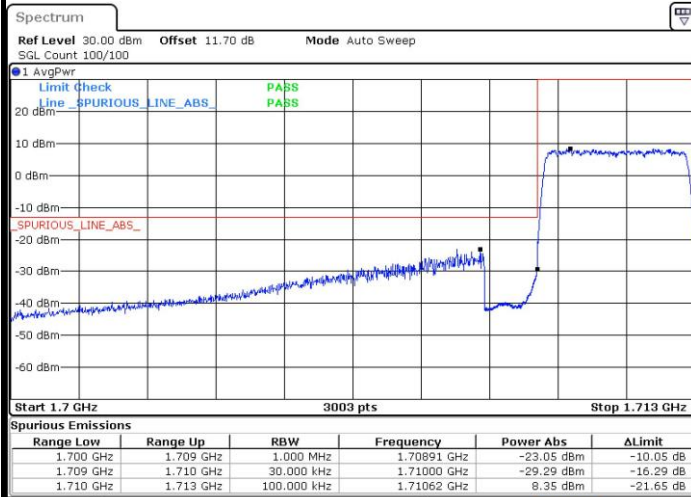
Lowest Band Edge / 1 RB



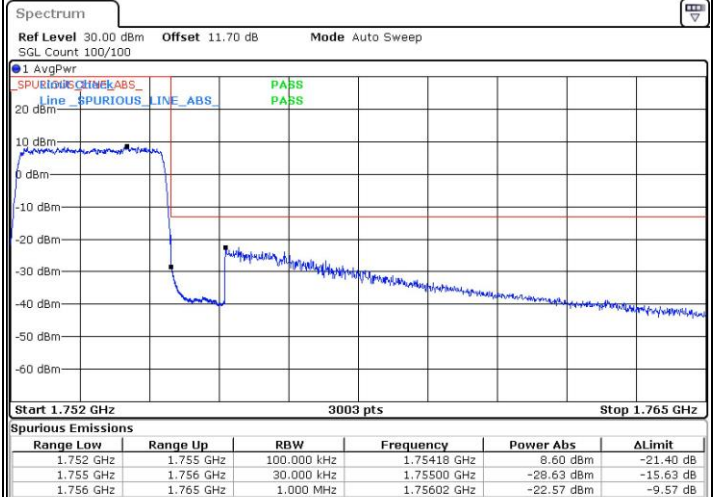
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



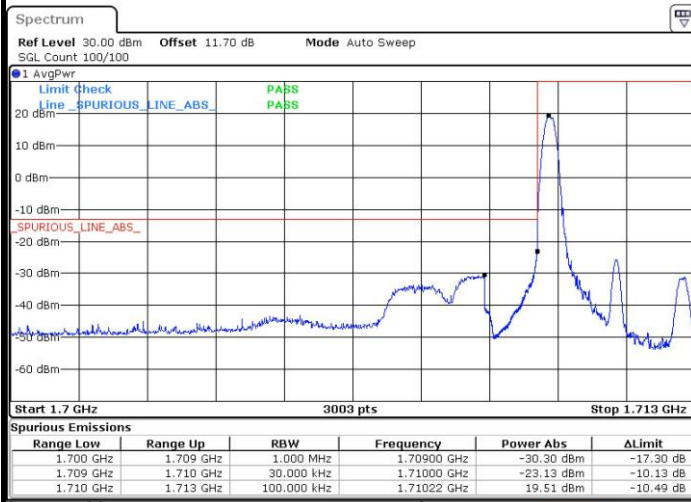
Highest Band Edge / Full RB



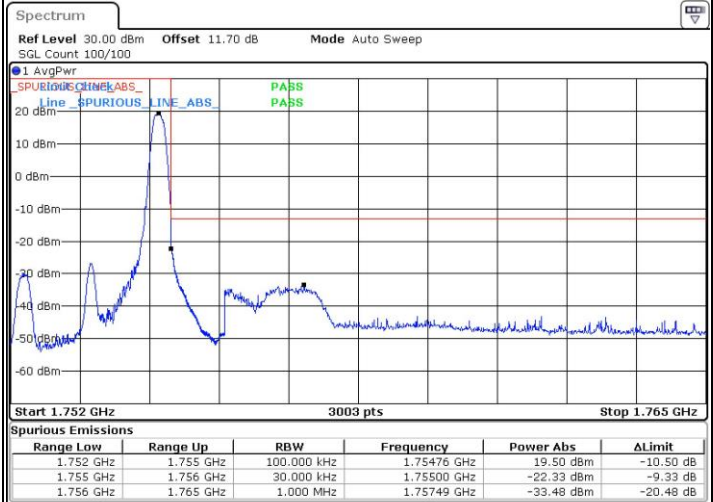


LTE Band 4 / 3MHz / 64QAM

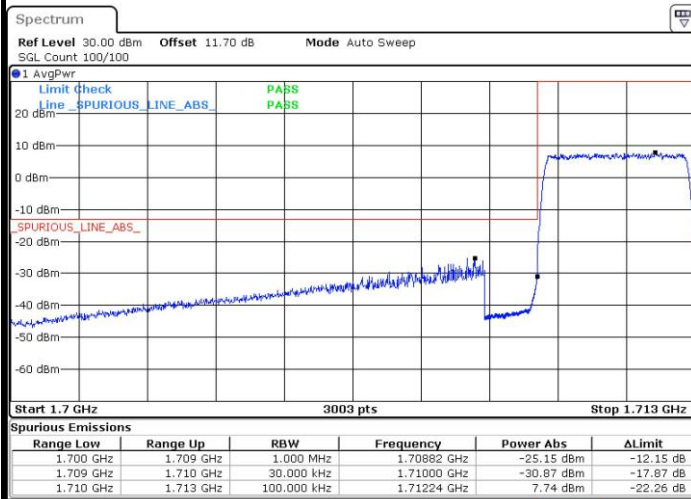
Lowest Band Edge / 1 RB



Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

