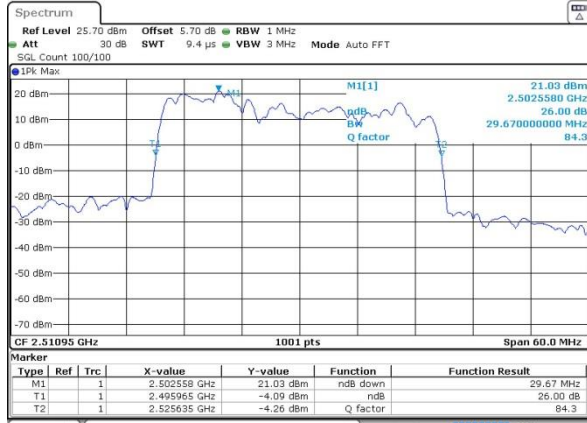




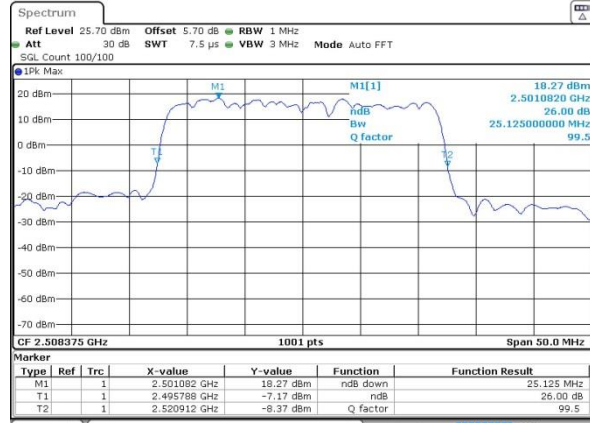
LTE Band 41

64QAM

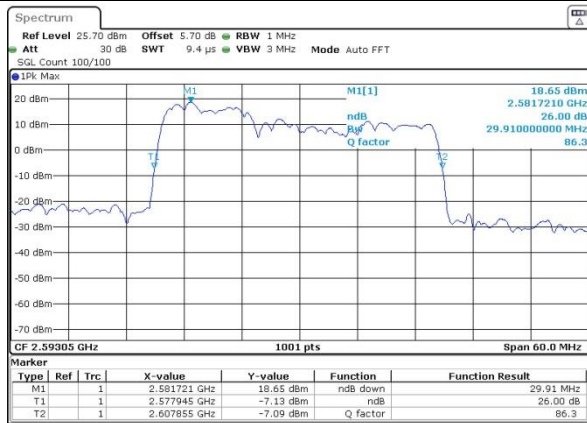
Lowest Channel / 10MHz+20MHz



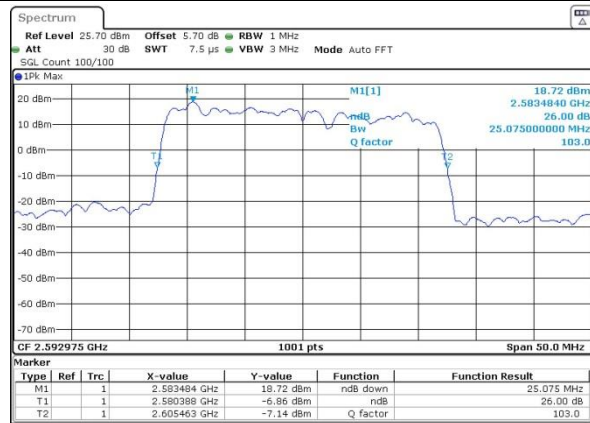
Lowest Channel / 15MHz+10MHz



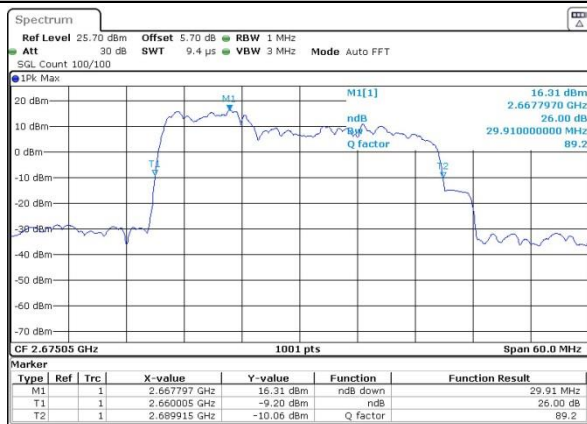
Middle Channel / 10MHz+20MHz



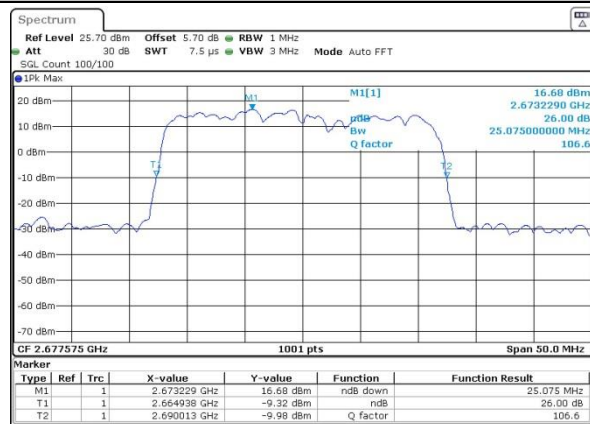
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

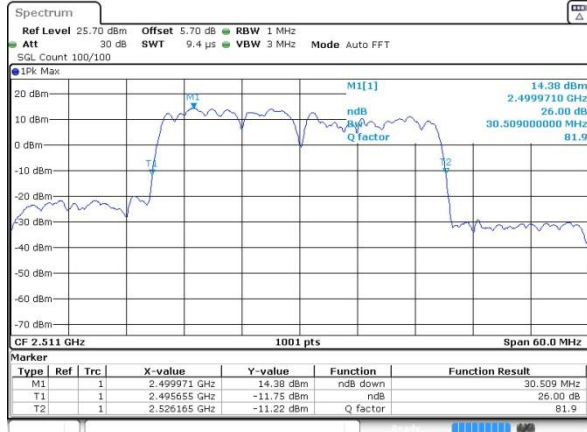




LTE Band 41

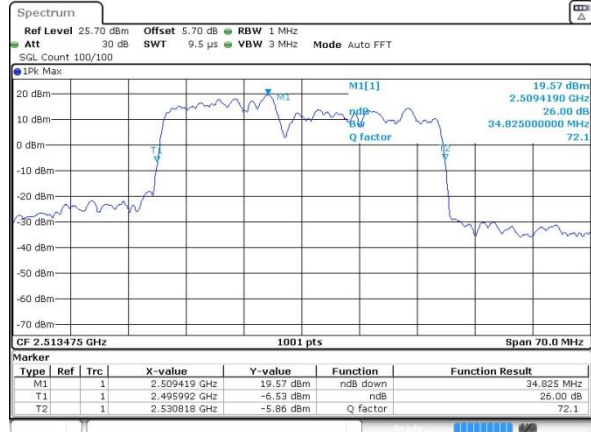
64QAM

Lowest Channel / 15MHz+15MHz



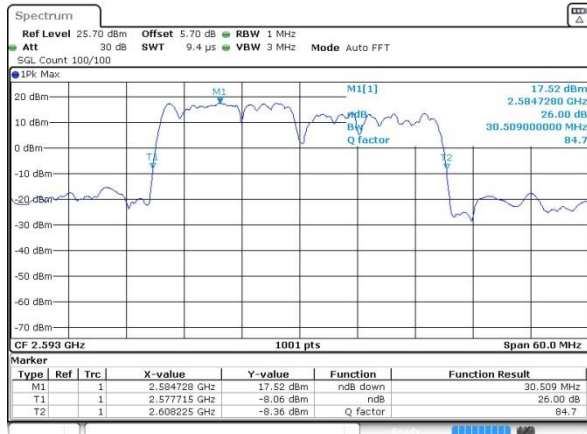
Date: 23.MAR.2019 00:23:31

Lowest Channel / 15MHz+20MHz



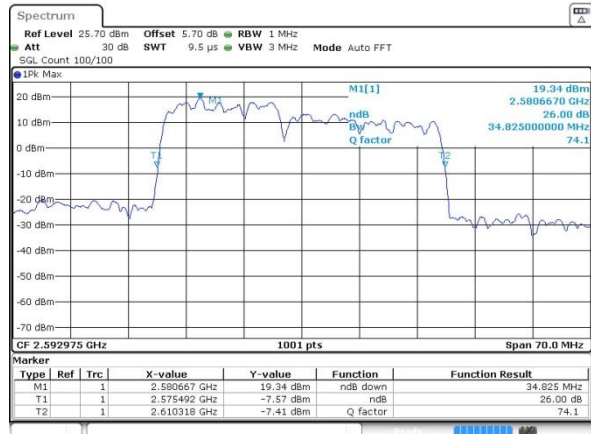
Date: 23.MAR.2019 00:40:12

Middle Channel / 15MHz+15MHz



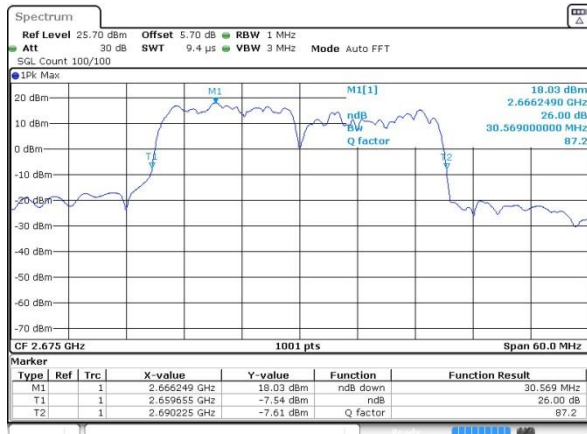
Date: 23.MAR.2019 00:26:45

Middle Channel / 15MHz+20MHz



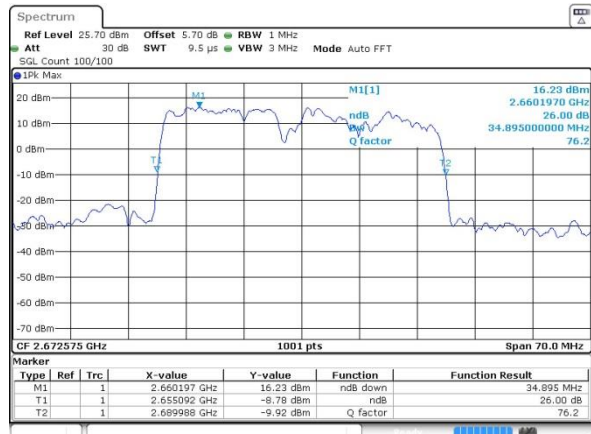
Date: 23.MAR.2019 00:51:43

Highest Channel / 15MHz+15MHz



Date: 23.MAR.2019 00:36:48

Highest Channel / 15MHz+20MHz



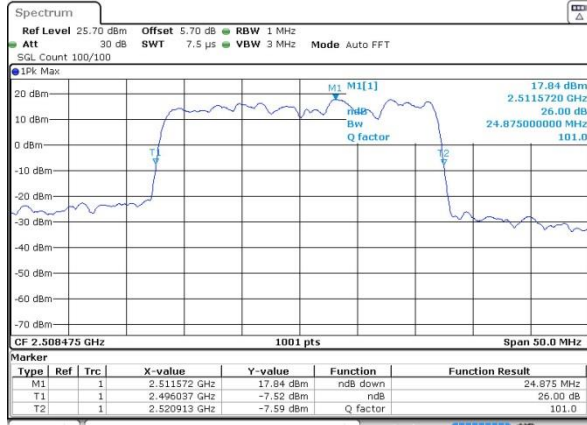
Date: 23.MAR.2019 00:54:01



LTE Band 41

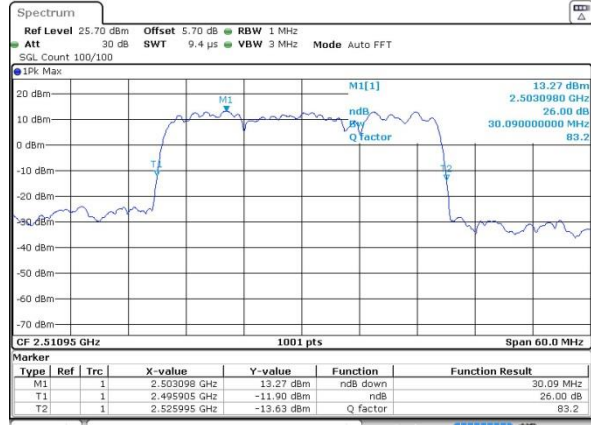
64QAM

Lowest Channel / 20MHz+5MHz



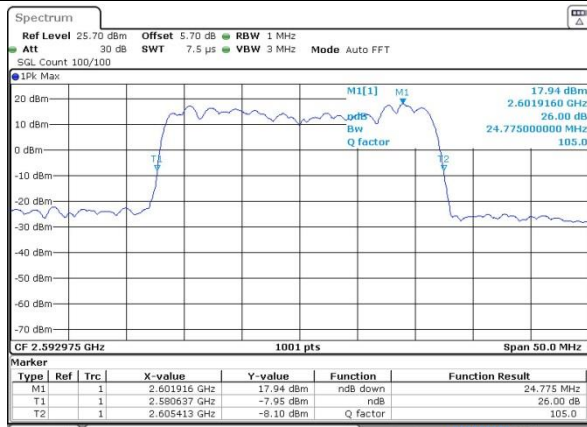
Date: 22 MAR 2019 22:18:15

Lowest Channel / 20MHz+10MHz



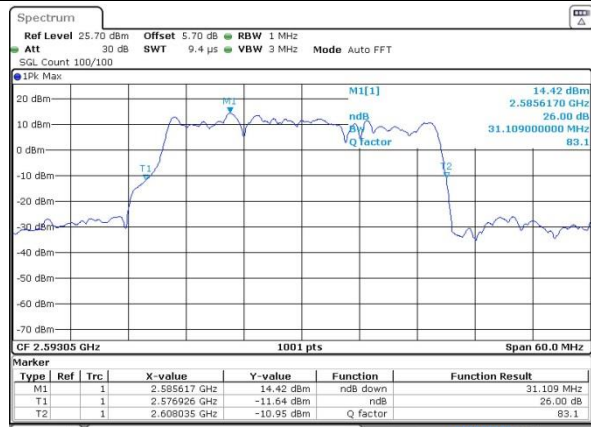
Date: 22 MAR 2019 23:53:31

Middle Channel / 20MHz+5MHz



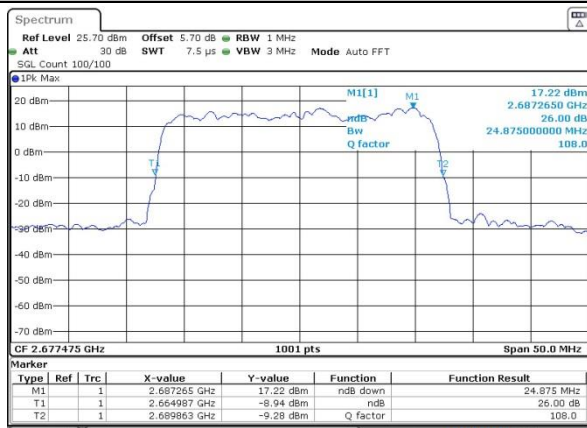
Date: 22 MAR 2019 22:21:47

Middle Channel / 20MHz+10MHz



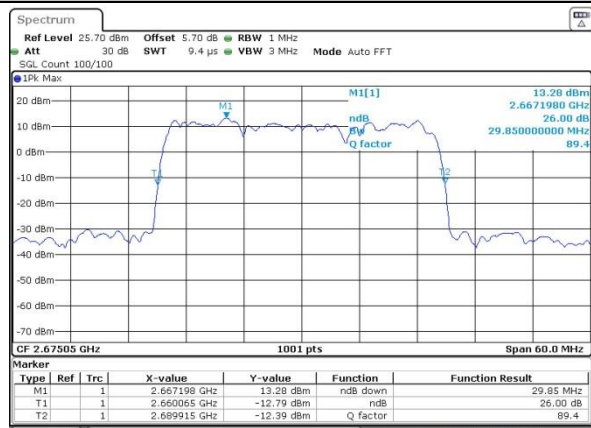
Date: 22 MAR 2019 23:56:45

Highest Channel / 20MHz+5MHz



Date: 22 MAR 2019 22:33:38

Highest Channel / 20MHz+10MHz



Date: 23 MAR 2019 00:08:38



LTE Band 41

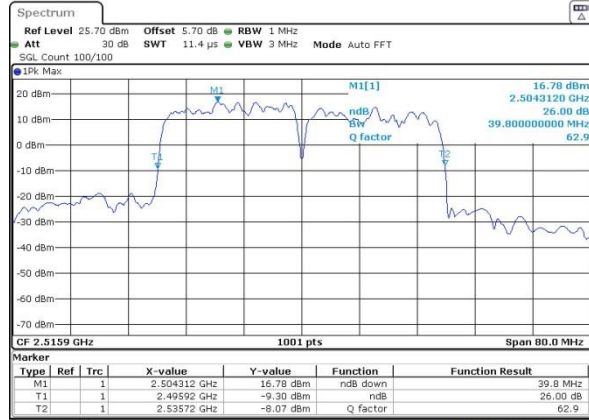
64QAM

Lowest Channel / 20MHz+15MHz



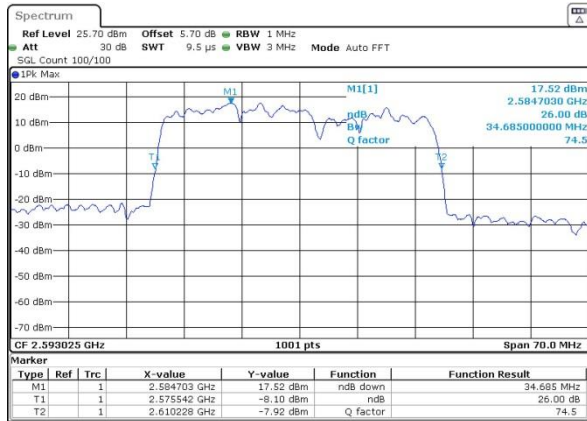
Date: 23.MAR.2019 01:07:12

Lowest Channel / 20MHz+20MHz



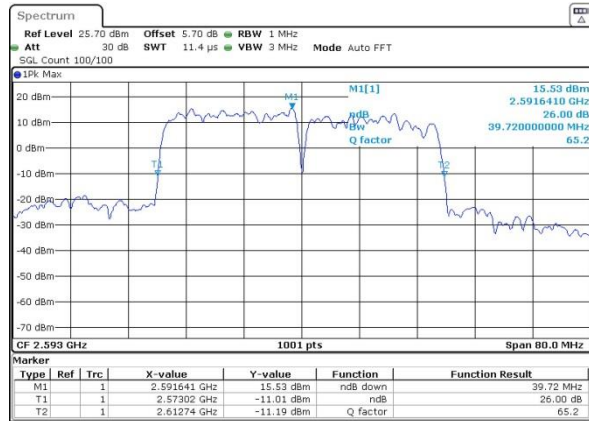
Date: 23.MAR.2019 01:27:12

Middle Channel / 20MHz+15MHz



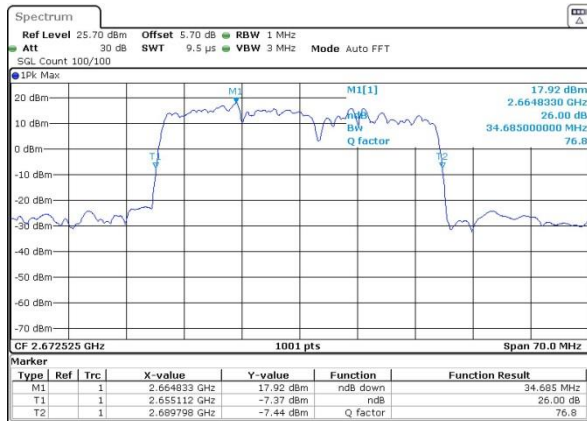
Date: 23.MAR.2019 01:10:23

Middle Channel / 20MHz+20MHz



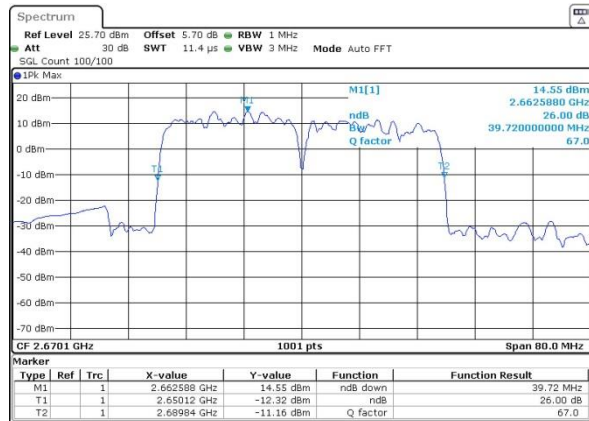
Date: 23.MAR.2019 01:40:20

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2019 01:23:18

Highest Channel / 20MHz+20MHz



Date: 23.MAR.2019 01:41:05



Occupied Bandwidth

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.49	4.49			4.47							
Middle CH	4.49	4.49	9.01	8.97	4.49	8.95						
Highest CH	4.51	4.51			4.49							



For CA

Mode	LTE Band 41 : 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.08	23.23	28.05	23.43	28.47
Middle CH	22.98	23.13	27.51	23.33	28.71
Highest CH	23.23	23.53	27.81	23.33	28.53
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.52	23.23	27.93	32.59	37.56
Middle CH	32.45	23.18	28.35	32.73	37.08
Highest CH	32.87	23.38	28.05	32.45	37.16

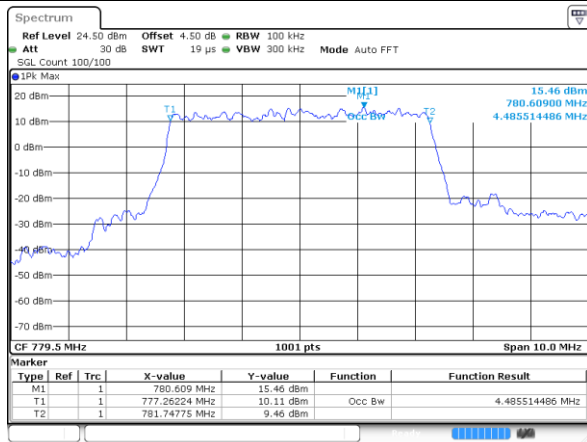
Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	22.98	23.33	27.81	23.08	28.59
Middle CH	22.88	23.38	27.87	23.23	28.71
Highest CH	22.68	23.43	27.93	23.38	28.29
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.52	23.18	28.87	32.66	37.24
Middle CH	32.45	23.18	27.99	32.66	37.24
Highest CH	32.45	23.48	27.81	32.24	37.40

Mode	LTE Band 41 : 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.13	23.18	27.87	23.43	28.23
Middle CH	23.18	23.28	27.99	23.43	28.47
Highest CH	22.88	23.33	27.81	23.18	28.23
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.38	23.33	27.87	32.80	37.72
Middle CH	32.66	23.08	27.99	32.31	37.32
Highest CH	32.38	23.13	27.81	32.59	37.48

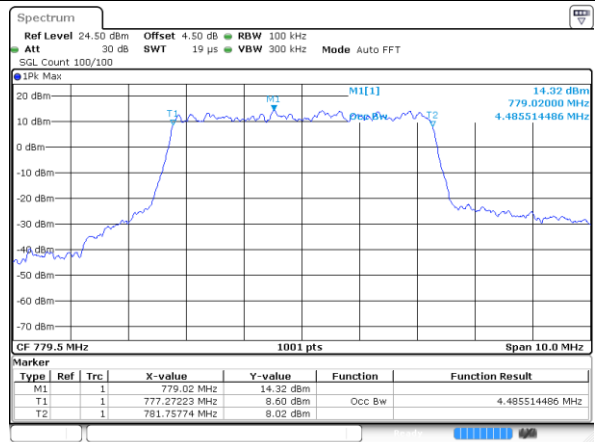


LTE Band 13

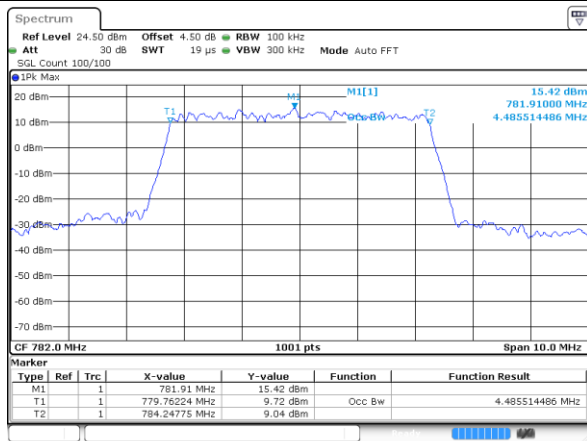
Lowest Channel / 5MHz / QPSK



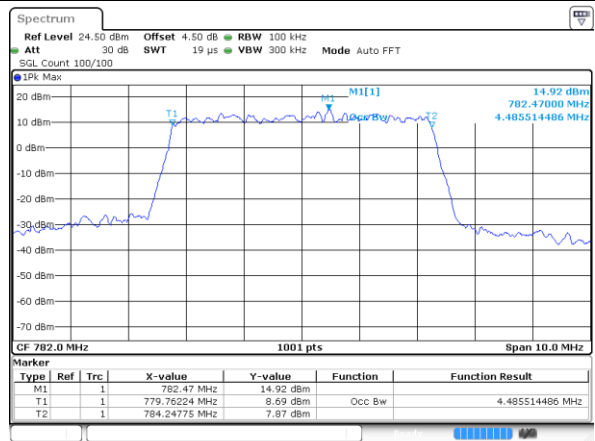
Lowest Channel / 5MHz / 16QAM



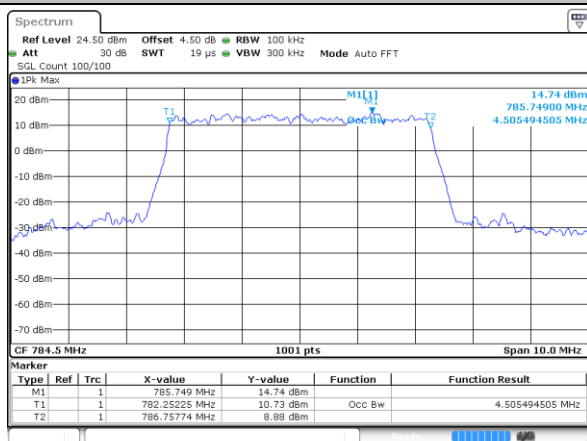
Middle Channel / 5MHz / QPSK



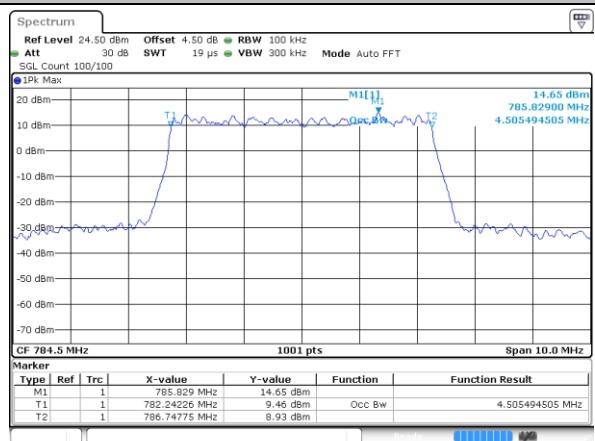
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



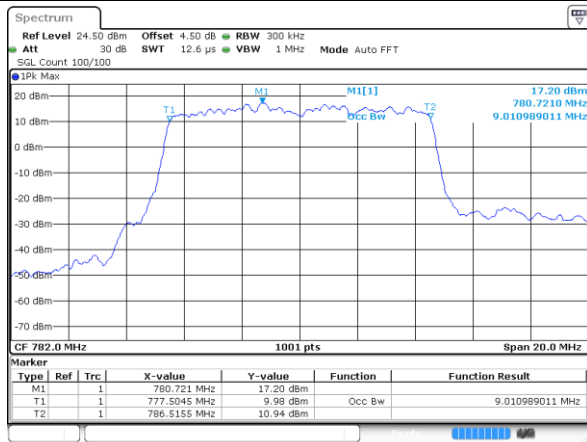
Highest Channel / 5MHz / 16QAM



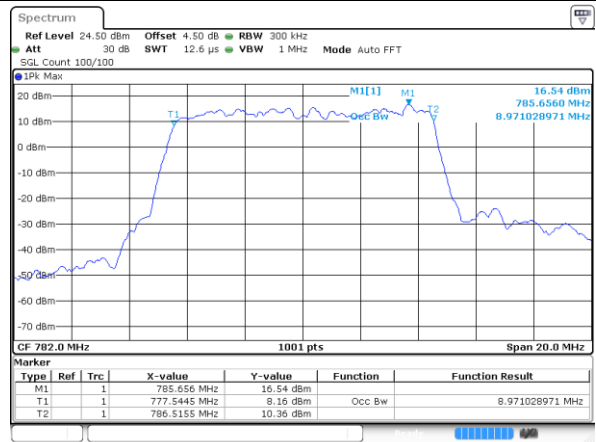


LTE Band 13

Middle Channel / 10MHz / QPSK

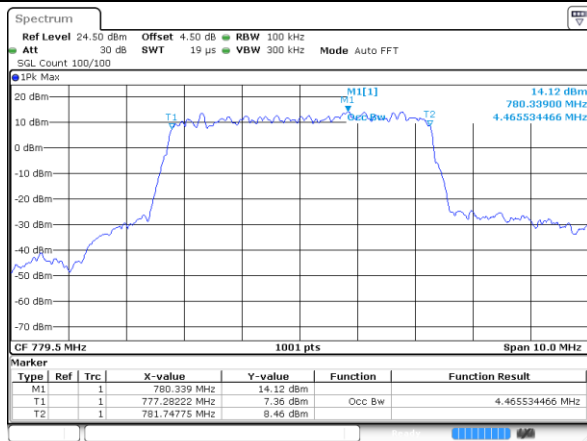


Middle Channel / 10MHz / 16QAM

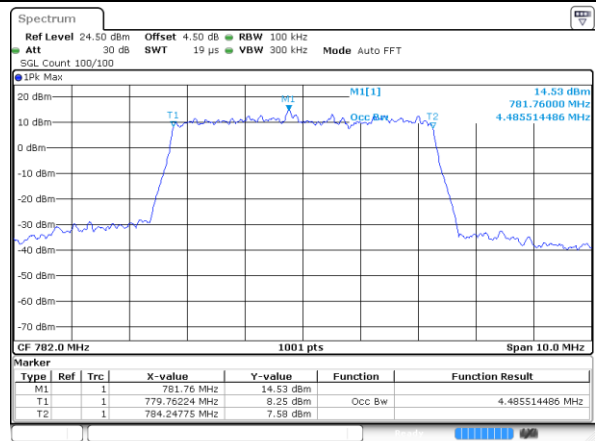


LTE Band 13

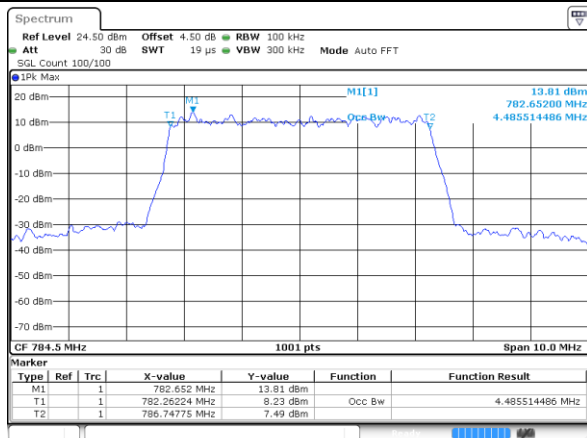
Lowest Channel / 5MHz / 64QAM



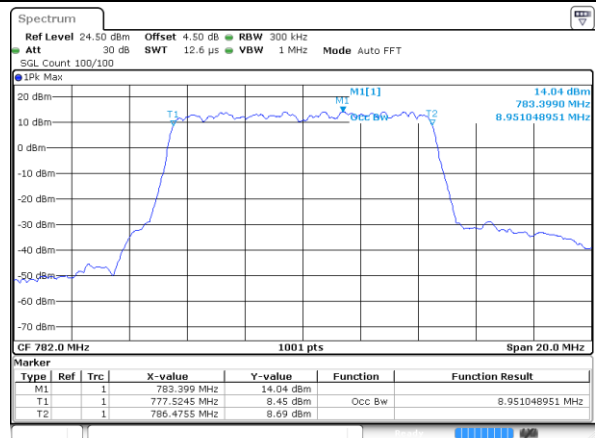
Middle Channel / 5MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



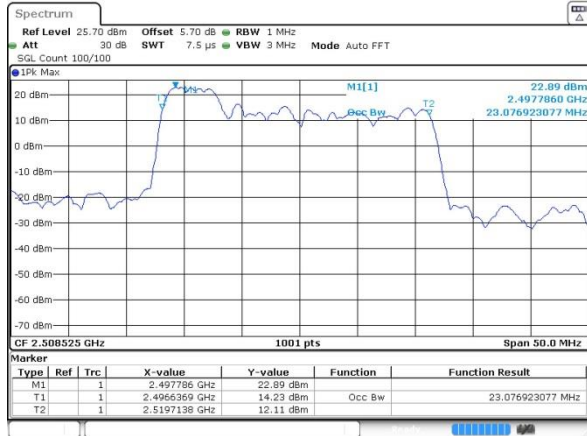


For CA

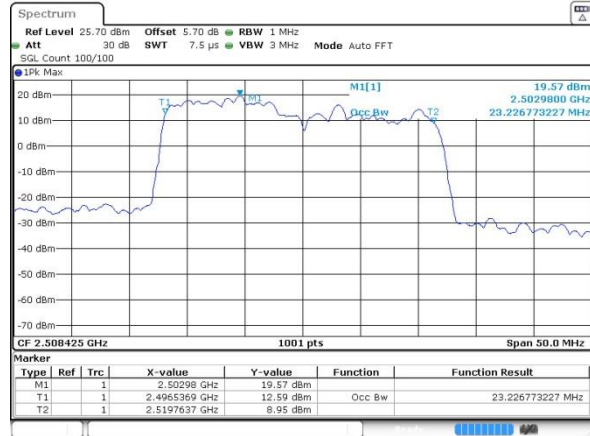
LTE Band 41

QPSK

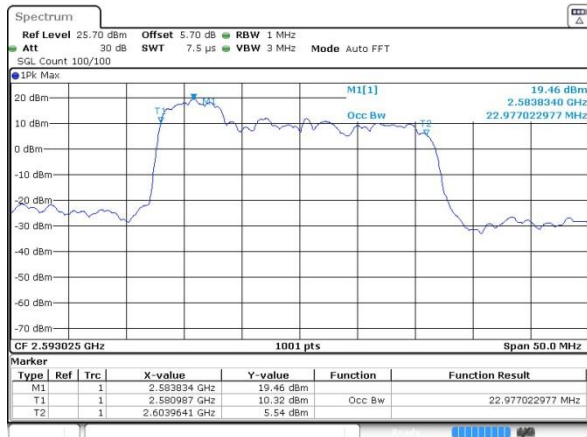
Lowest Channel / 5MHz+20MHz



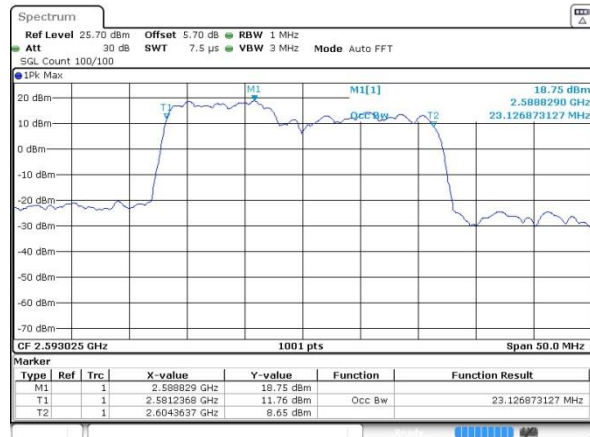
Lowest Channel / 10MHz+15MHz



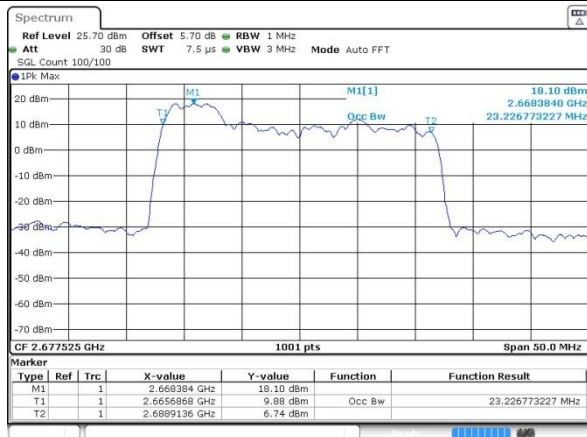
Middle Channel / 5MHz+20MHz



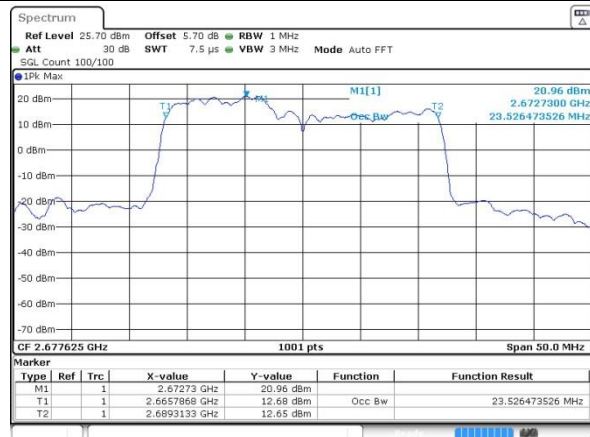
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

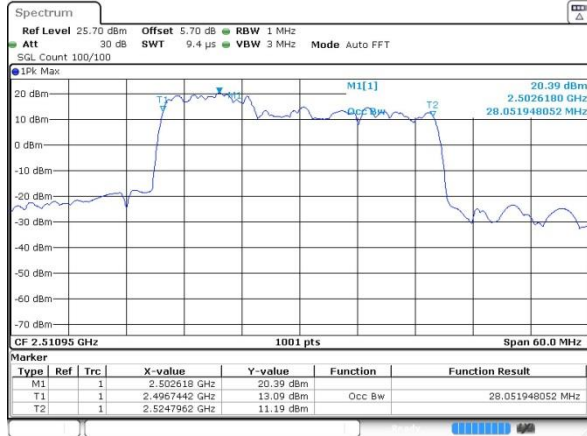




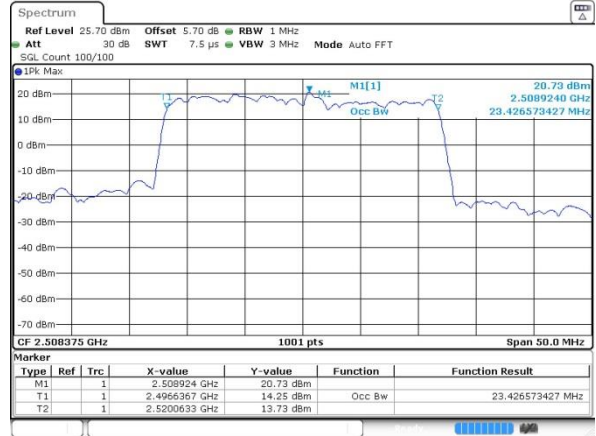
LTE Band 41

QPSK

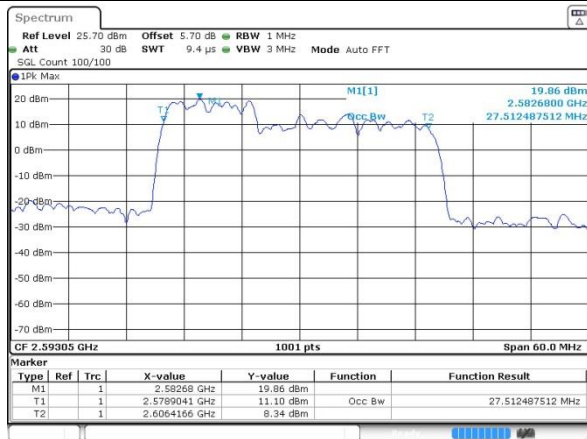
Lowest Channel / 10MHz+20MHz



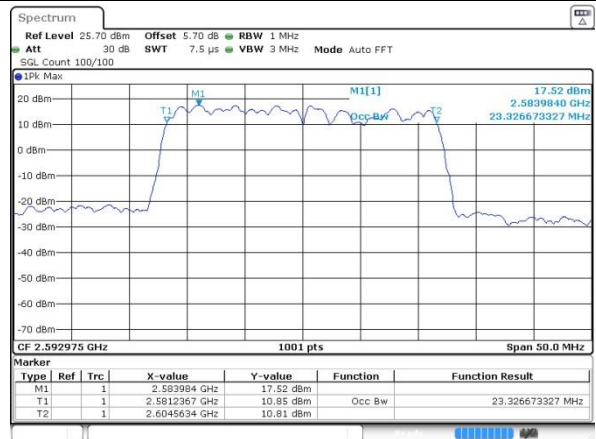
Lowest Channel / 15MHz+10MHz



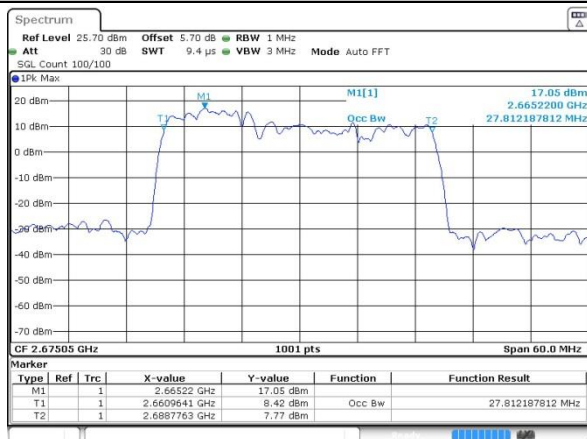
Middle Channel / 10MHz+20MHz



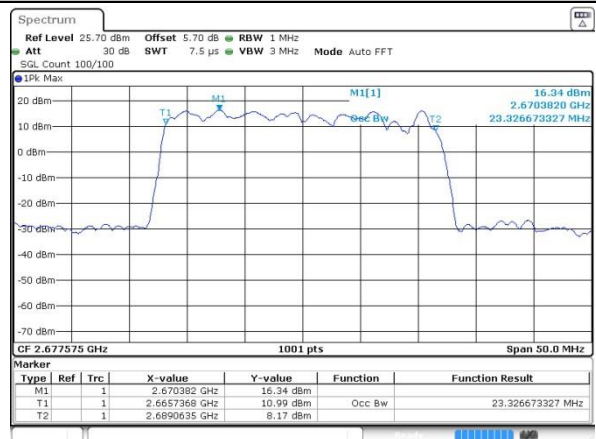
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

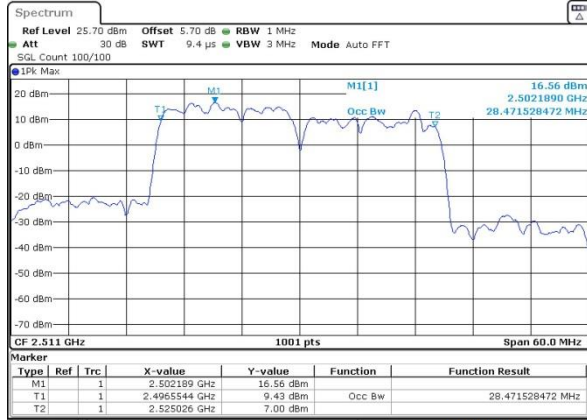




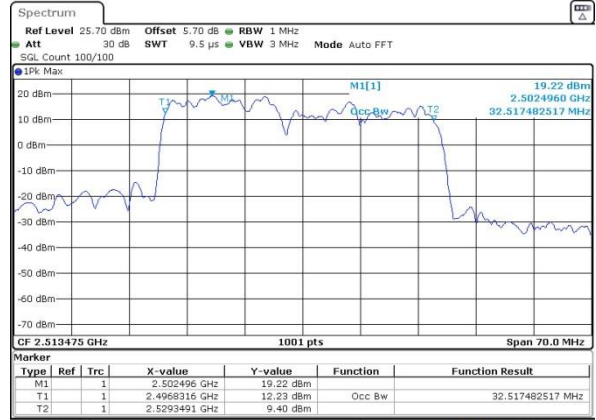
LTE Band 41

QPSK

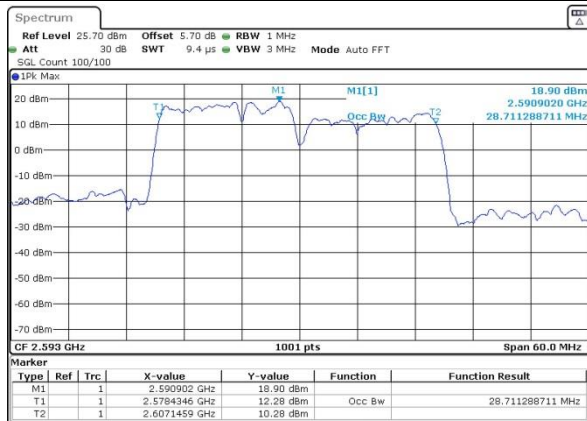
Lowest Channel / 15MHz+15MHz



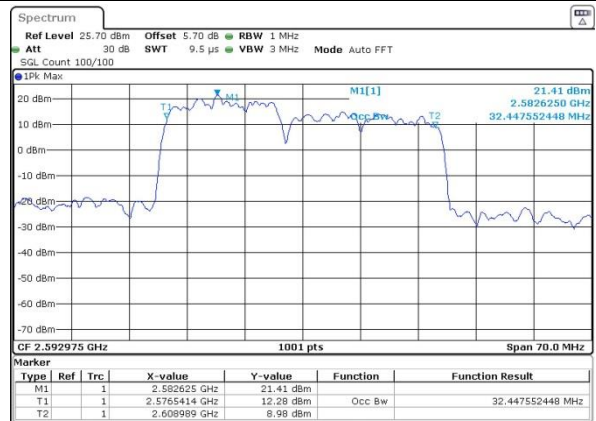
Lowest Channel / 15MHz+20MHz



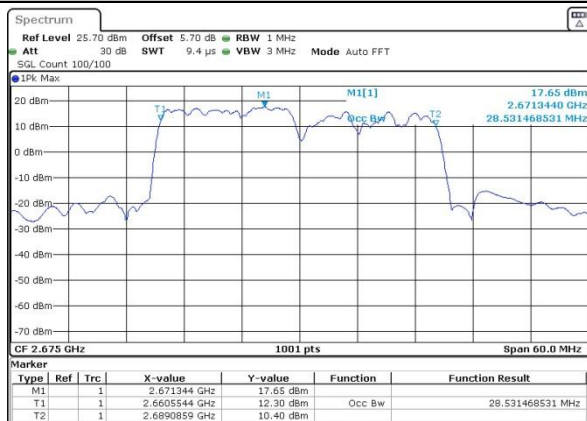
Middle Channel / 15MHz+15MHz



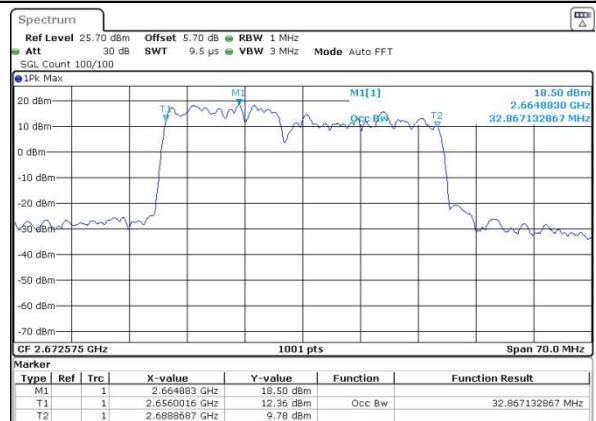
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

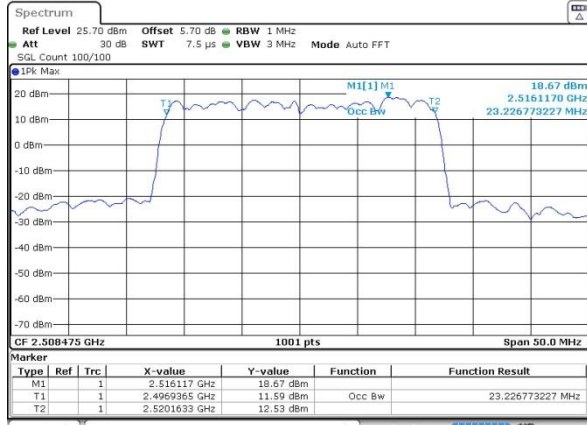




LTE Band 41

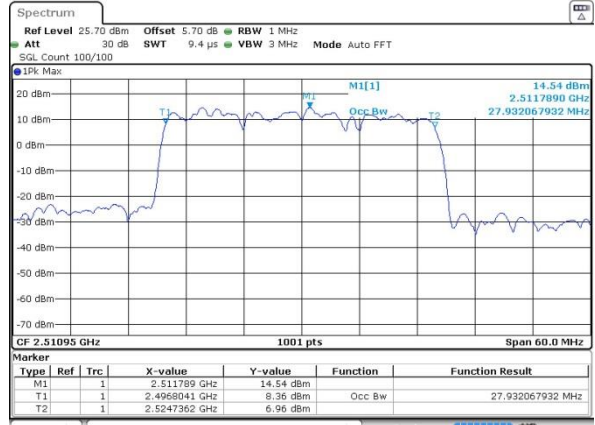
QPSK

Lowest Channel / 20MHz+5MHz



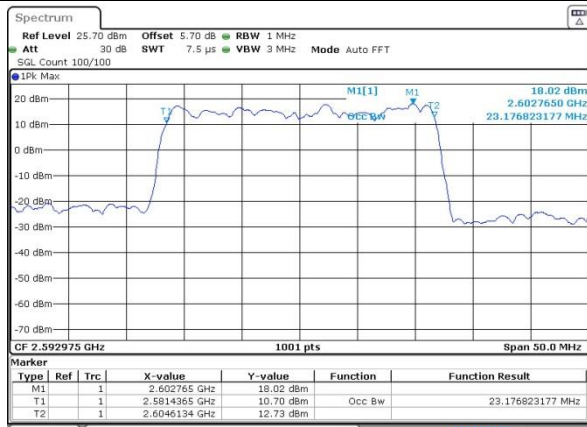
Date: 22 MAR 2019 22:19:02

Lowest Channel / 20MHz+10MHz



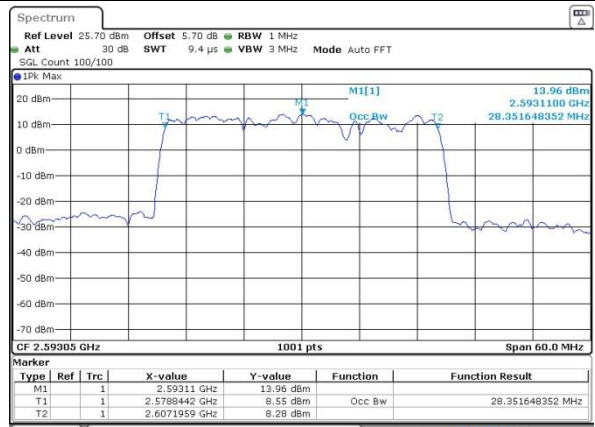
Date: 22 MAR 2019 23:54:09

Middle Channel / 20MHz+5MHz



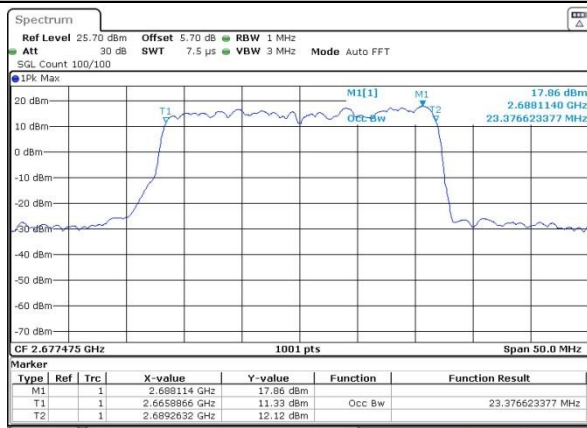
Date: 22 MAR 2019 22:20:25

Middle Channel / 20MHz+10MHz



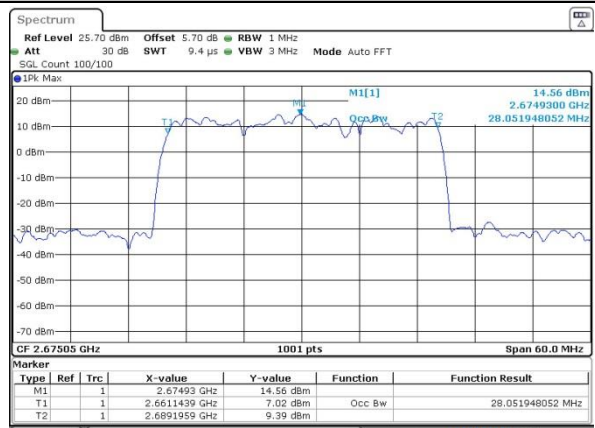
Date: 22 MAR 2019 23:55:37

Highest Channel / 20MHz+5MHz



Date: 22 MAR 2019 22:34:19

Highest Channel / 20MHz+10MHz



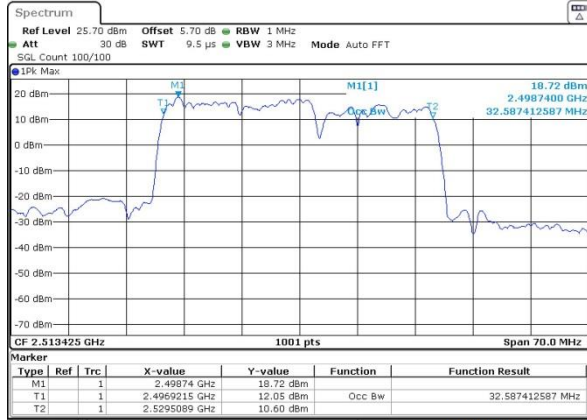
Date: 23 MAR 2019 00:09:33



LTE Band 41

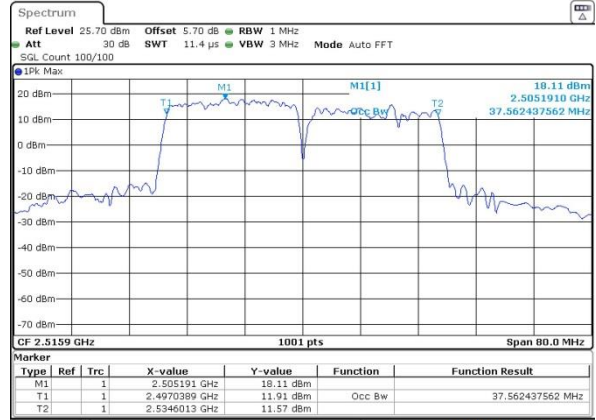
QPSK

Lowest Channel / 20MHz+15MHz



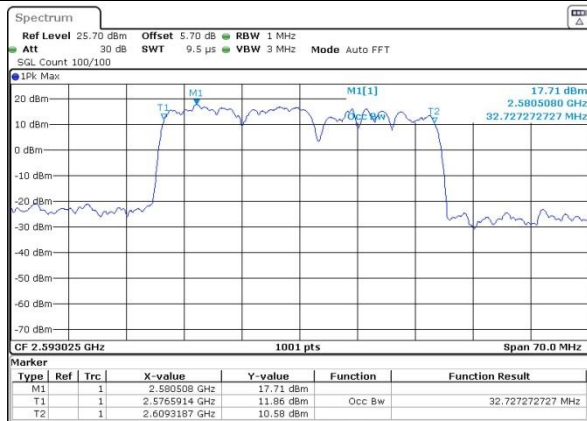
Date: 23.MAR.2019 01:08.14

Lowest Channel / 20MHz+20MHz



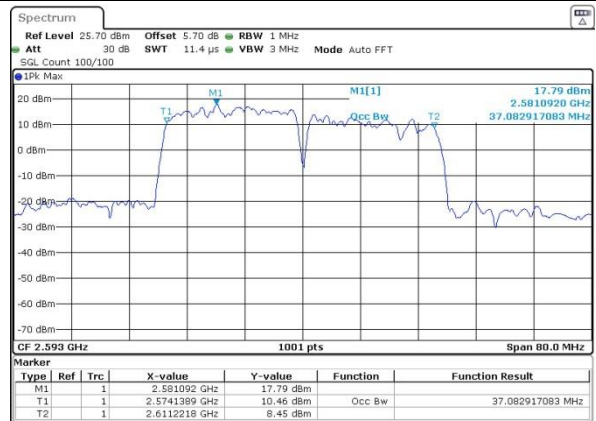
Date: 23.MAR.2019 01:28.08

Middle Channel / 20MHz+15MHz



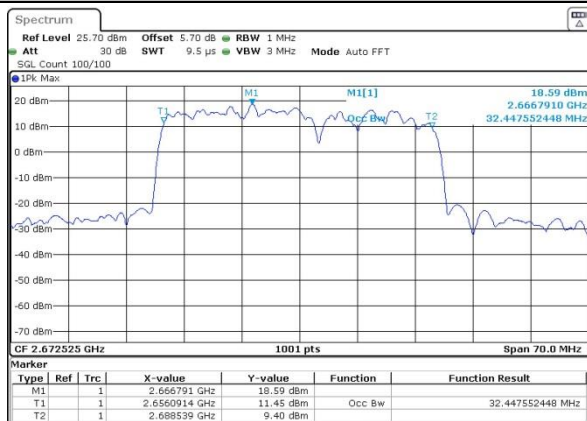
Date: 23.MAR.2019 01:09.21

Middle Channel / 20MHz+20MHz



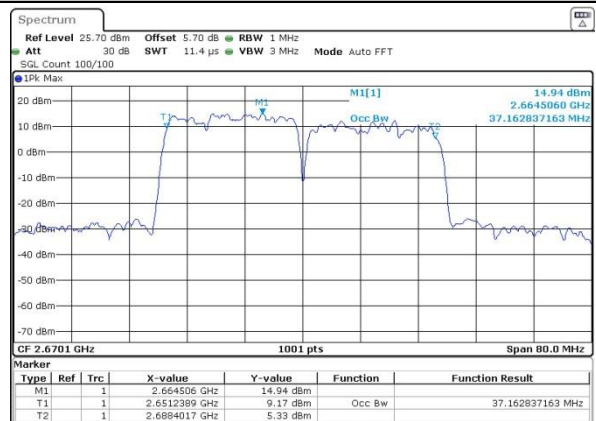
Date: 23.MAR.2019 01:39.19

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2019 01:23.57

Highest Channel / 20MHz+20MHz



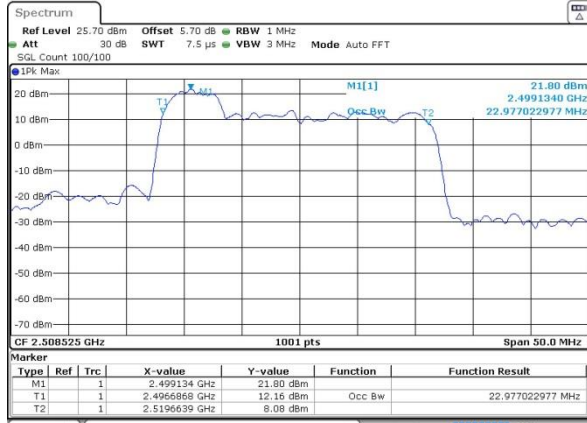
Date: 23.MAR.2019 01:41.42



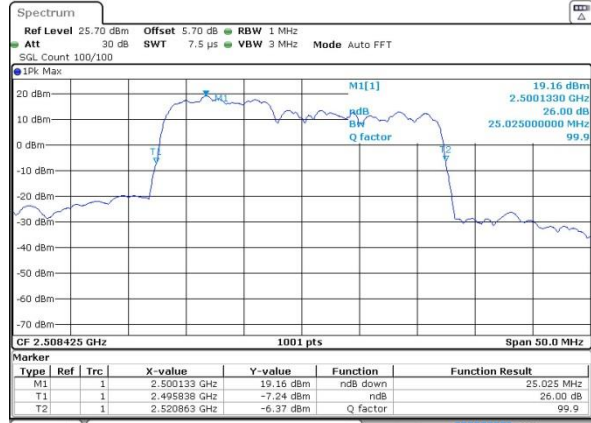
LTE Band 41

16QAM

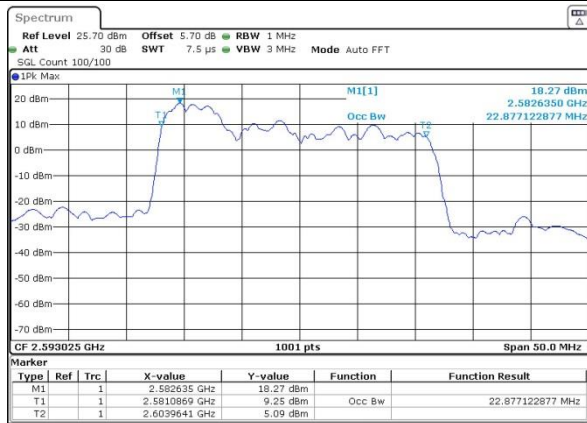
Lowest Channel / 5MHz+20MHz



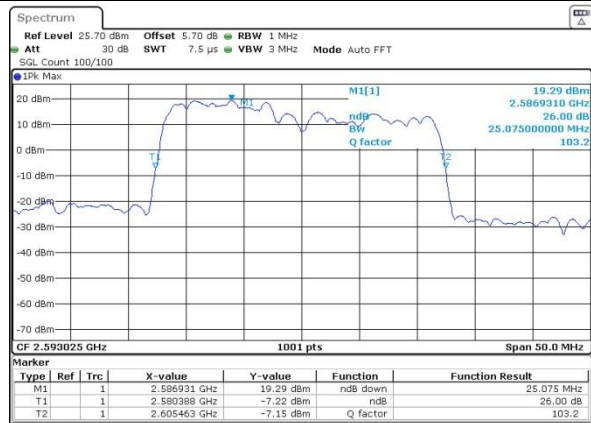
Lowest Channel / 10MHz+15MHz



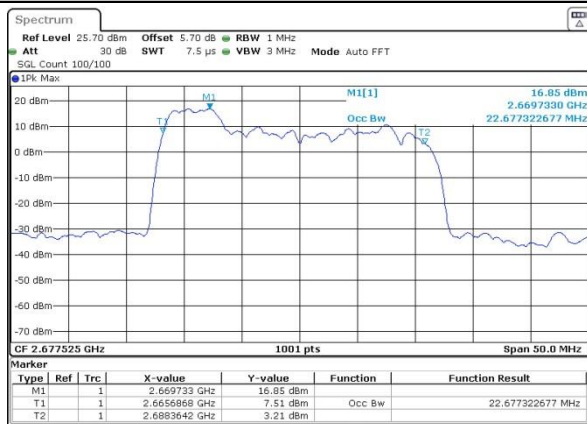
Middle Channel / 5MHz+20MHz



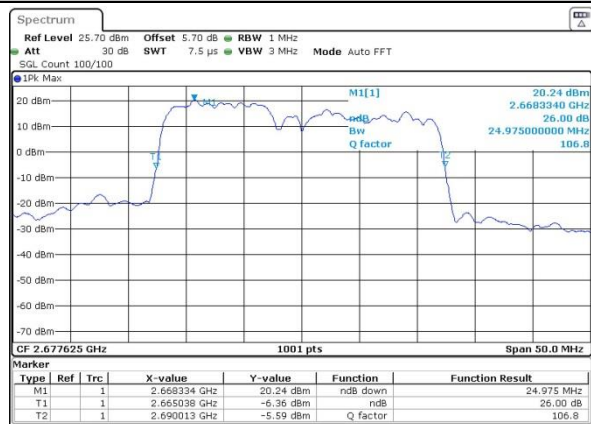
Middle Channel / 10MHz+15MHz



Highest Channel / 5MHz+20MHz



Highest Channel / 10MHz+15MHz

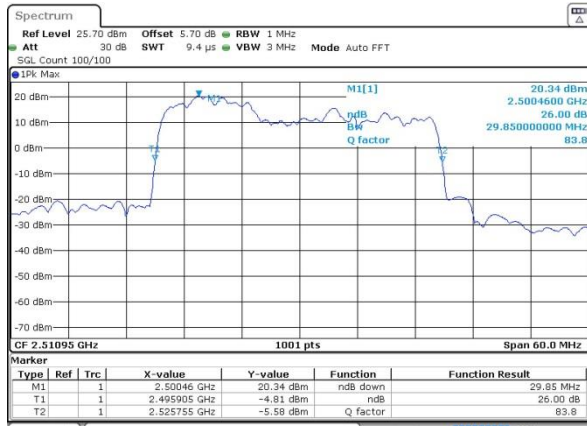




LTE Band 41

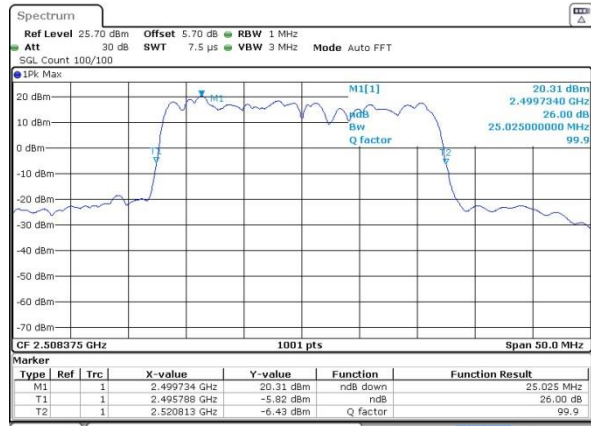
16QAM

Lowest Channel / 10MHz+20MHz



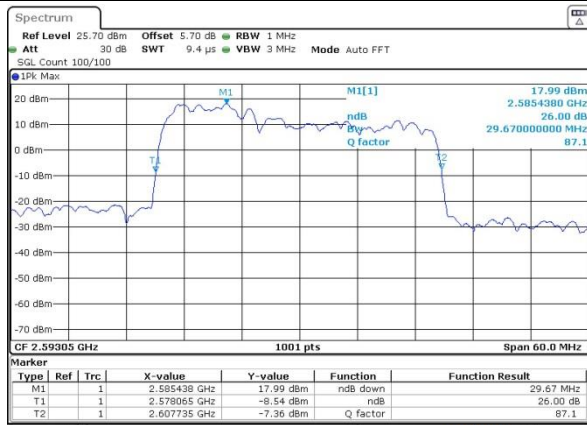
Date: 22 MAR 2019 23:26:42

Lowest Channel / 15MHz+10MHz



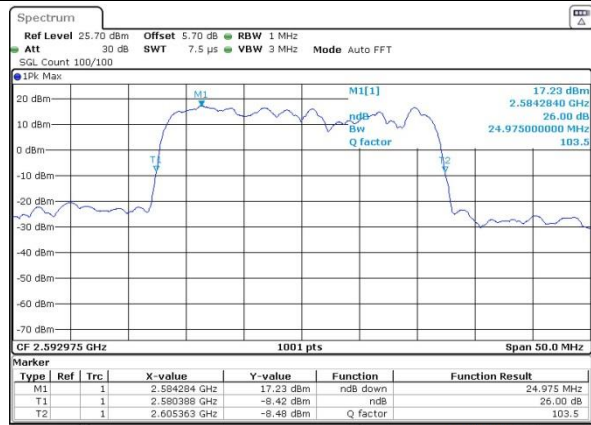
Date: 22 MAR 2019 23:02:09

Middle Channel / 10MHz+20MHz



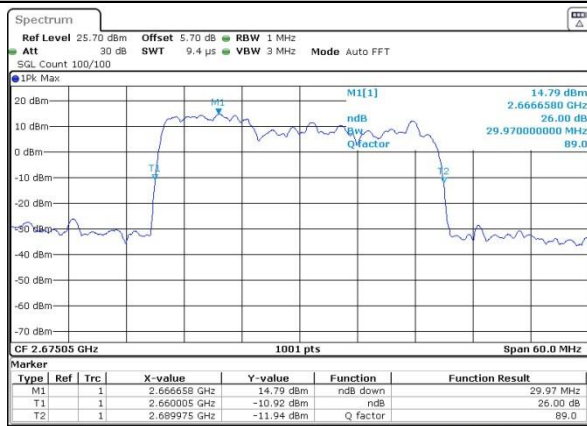
Date: 22 MAR 2019 23:29:43

Middle Channel / 15MHz+10MHz



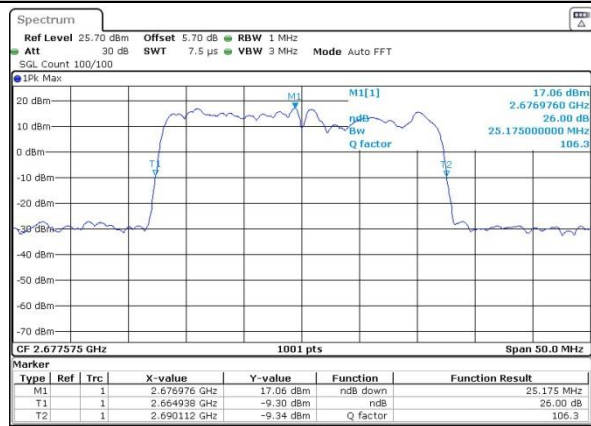
Date: 22 MAR 2019 23:04:35

Highest Channel / 10MHz+20MHz



Date: 22 MAR 2019 23:41:44

Highest Channel / 15MHz+10MHz



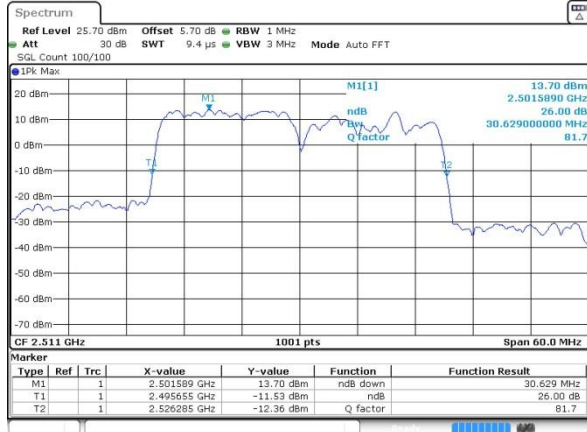
Date: 22 MAR 2019 23:06:12



LTE Band 41

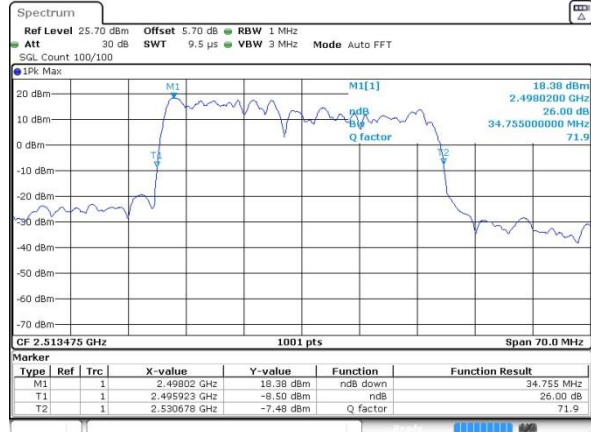
16QAM

Lowest Channel / 15MHz+15MHz



Date: 23.MAR.2019 00:24:06

Lowest Channel / 15MHz+20MHz



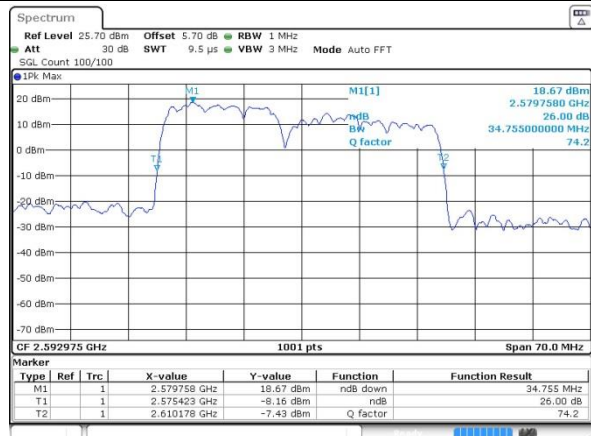
Date: 23.MAR.2019 00:39:47

Middle Channel / 15MHz+15MHz



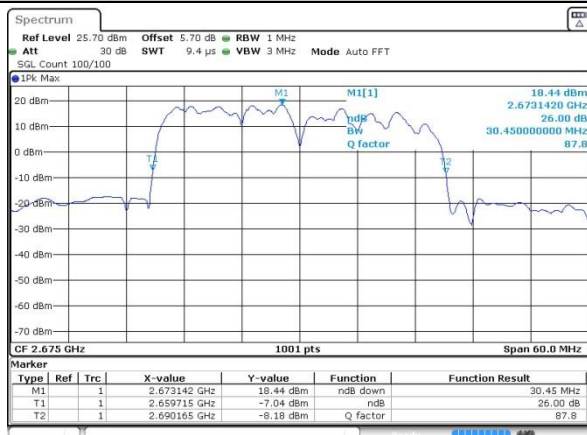
Date: 23.MAR.2019 00:26:14

Middle Channel / 15MHz+20MHz



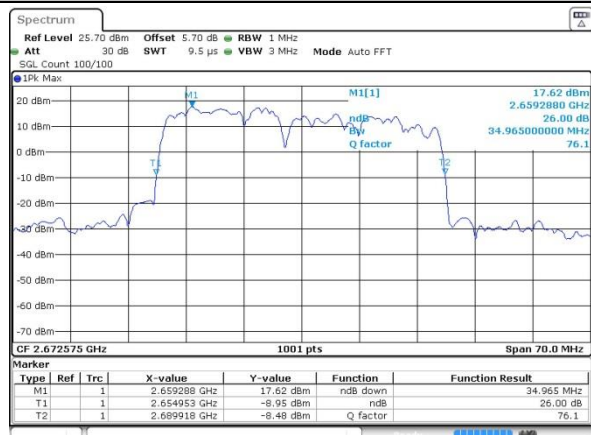
Date: 23.MAR.2019 00:52:04

Highest Channel / 15MHz+15MHz



Date: 23.MAR.2019 00:37:18

Highest Channel / 15MHz+20MHz



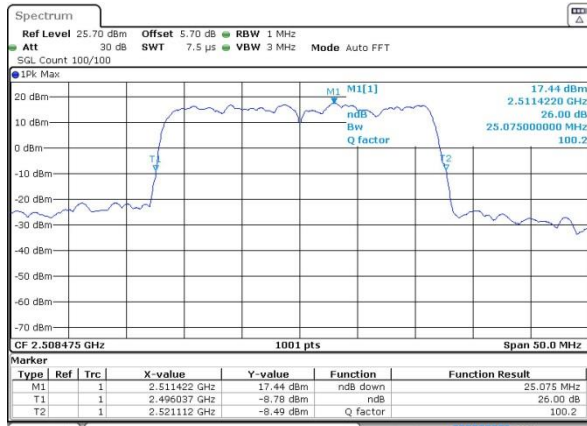
Date: 23.MAR.2019 00:53:36



LTE Band 41

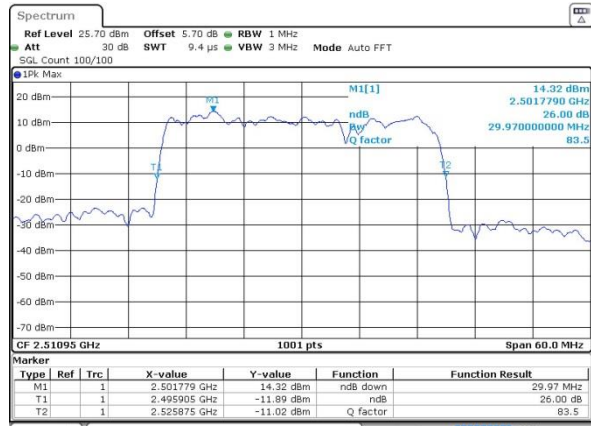
16QAM

Lowest Channel / 20MHz+5MHz



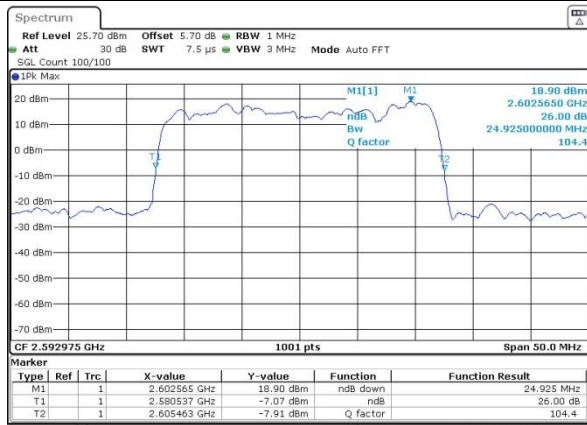
Date: 22 MAR 2019 22:18:42

Lowest Channel / 20MHz+10MHz



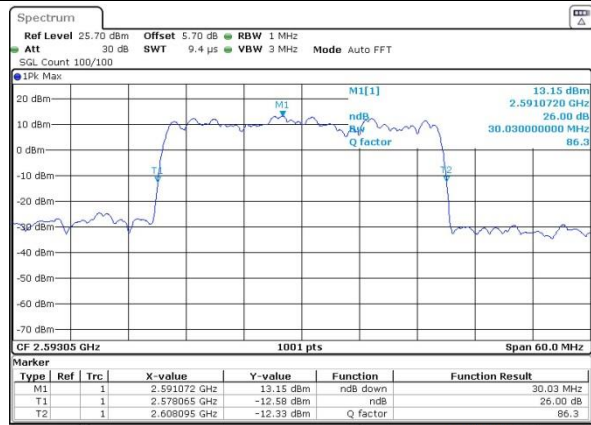
Date: 22 MAR 2019 23:53:57

Middle Channel / 20MHz+5MHz



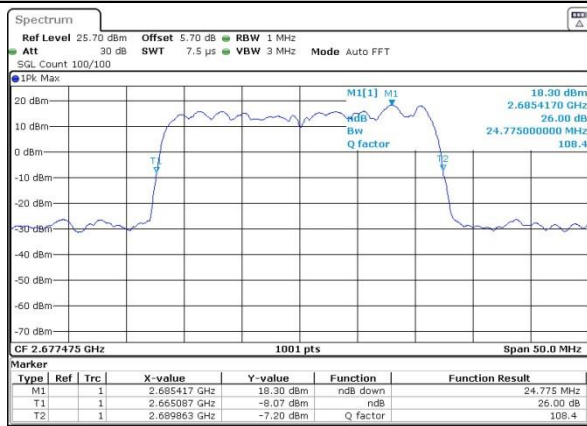
Date: 22 MAR 2019 22:21:19

Middle Channel / 20MHz+10MHz



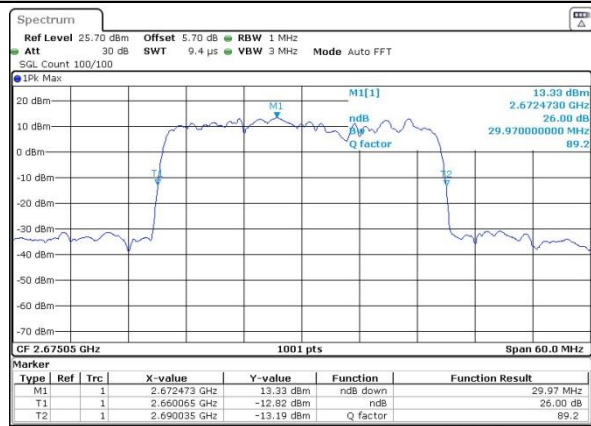
Date: 22 MAR 2019 23:56:17

Highest Channel / 20MHz+5MHz



Date: 22 MAR 2019 22:34:04

Highest Channel / 20MHz+10MHz



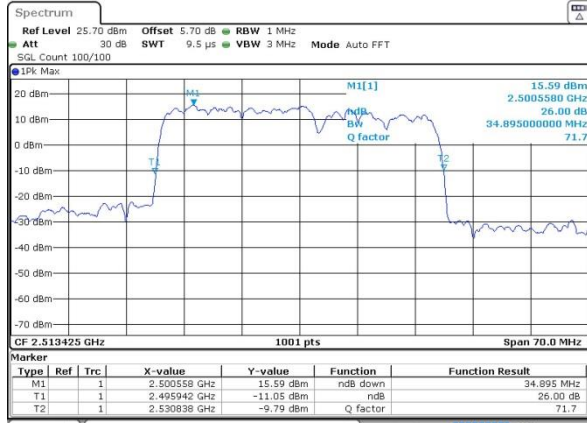
Date: 23 MAR 2019 00:09:11



LTE Band 41

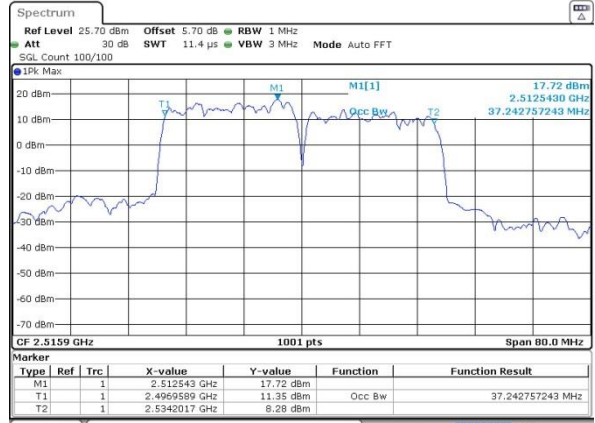
16QAM

Lowest Channel / 20MHz+15MHz



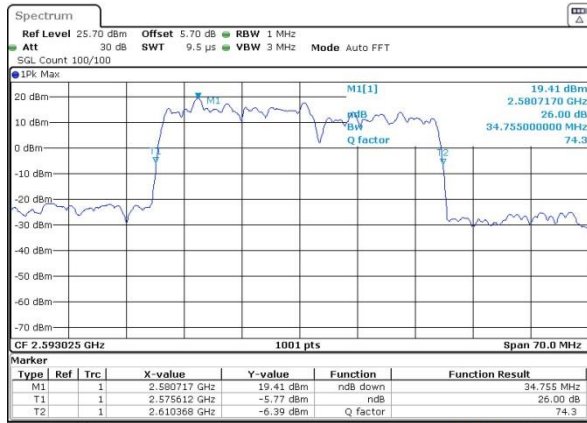
Date: 23.MAR.2019 01:07:55

Lowest Channel / 20MHz+20MHz



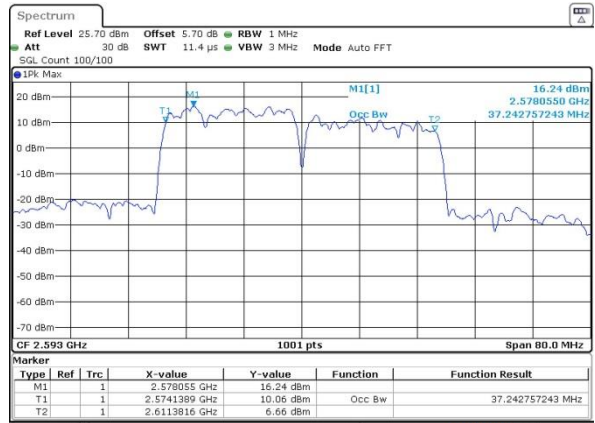
Date: 23.MAR.2019 01:28:37

Middle Channel / 20MHz+15MHz



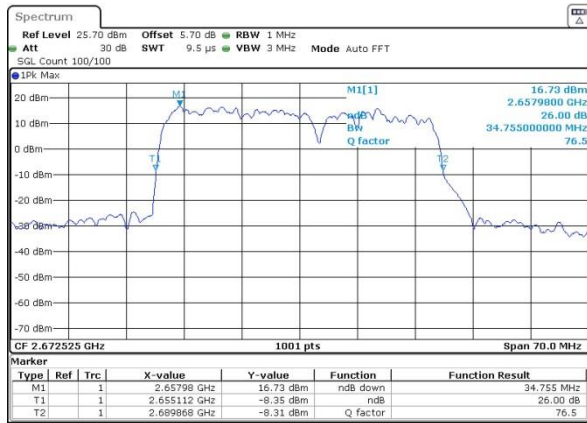
Date: 23.MAR.2019 01:09:57

Middle Channel / 20MHz+20MHz



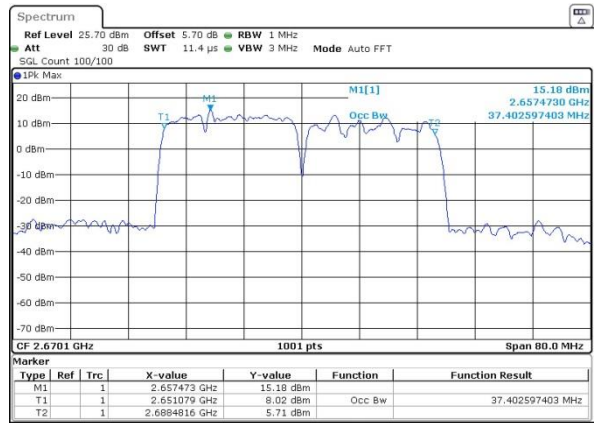
Date: 23.MAR.2019 01:39:48

Highest Channel / 20MHz+15MHz



Date: 23.MAR.2019 01:23:45

Highest Channel / 20MHz+20MHz



Date: 23.MAR.2019 01:41:18