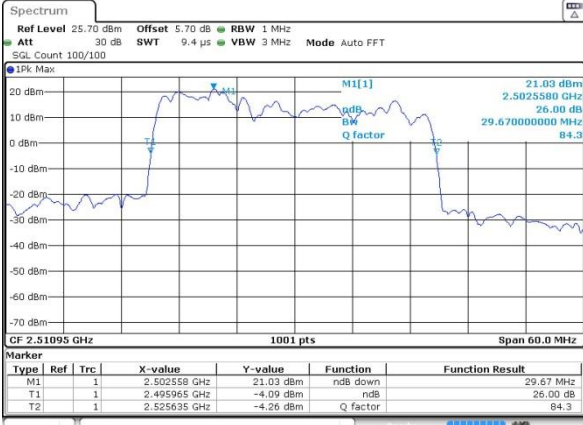




LTE Band 41

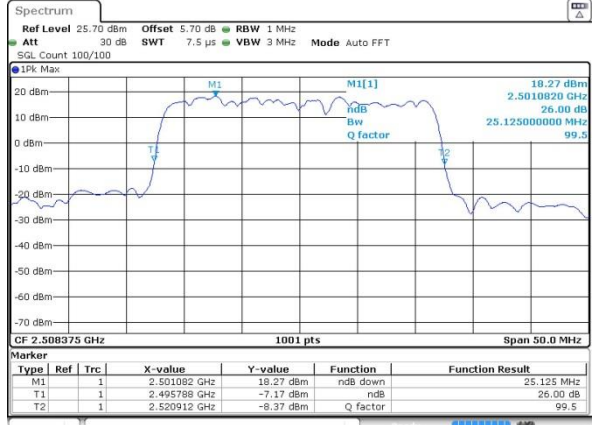
64QAM

Lowest Channel / 10MHz+20MHz



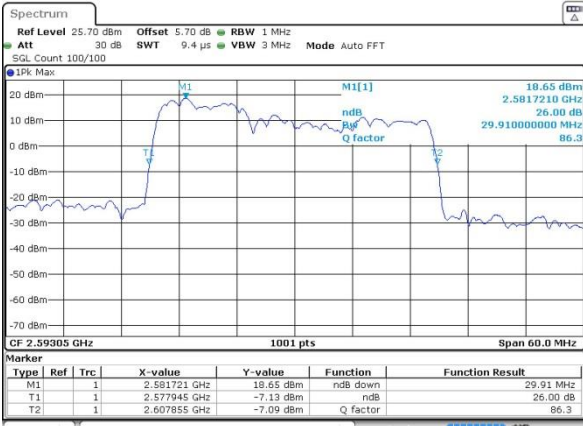
Date: 22 MAR 2019 23:27:08

Lowest Channel / 15MHz+10MHz



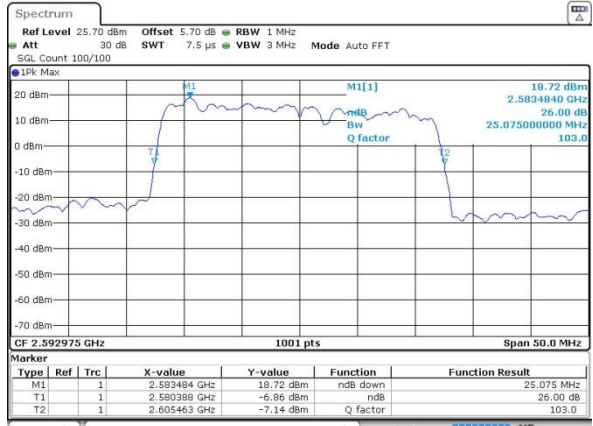
Date: 22 MAR 2019 23:02:34

Middle Channel / 10MHz+20MHz



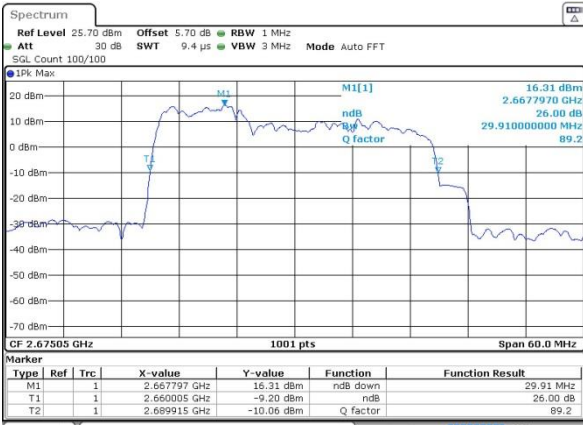
Date: 22 MAR 2019 23:28:19

Middle Channel / 15MHz+10MHz



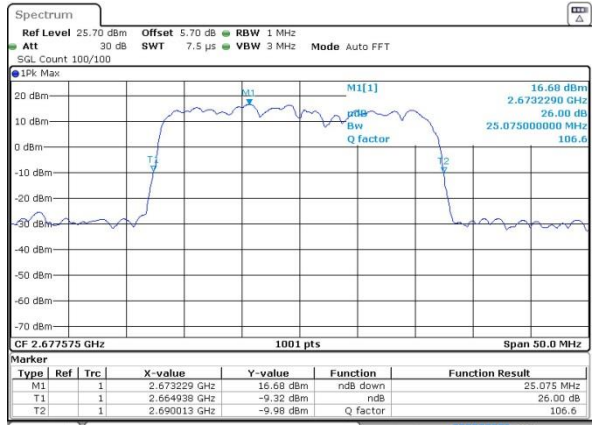
Date: 22 MAR 2019 23:05:04

Highest Channel / 10MHz+20MHz



Date: 22 MAR 2019 23:43:37

Highest Channel / 15MHz+10MHz



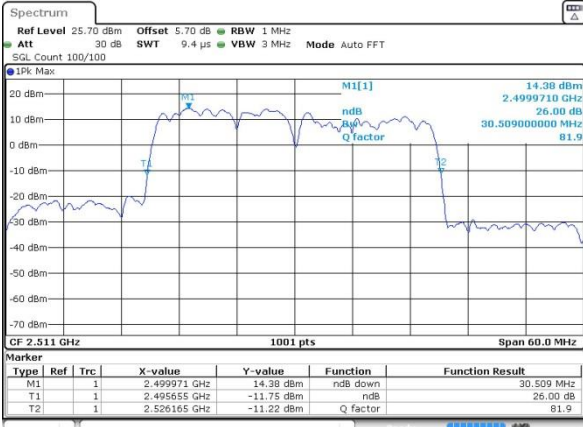
Date: 22 MAR 2019 23:05:48



LTE Band 41

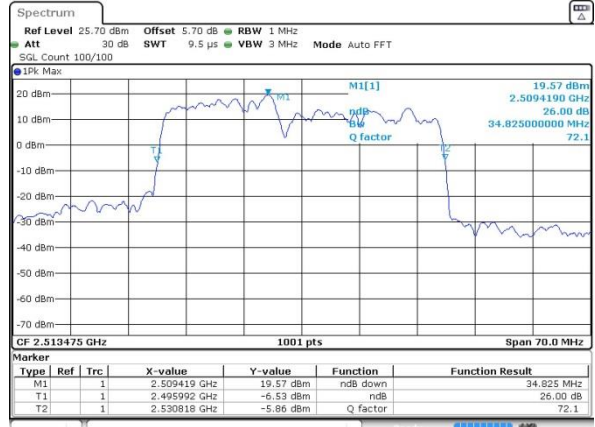
64QAM

Lowest Channel / 15MHz+15MHz



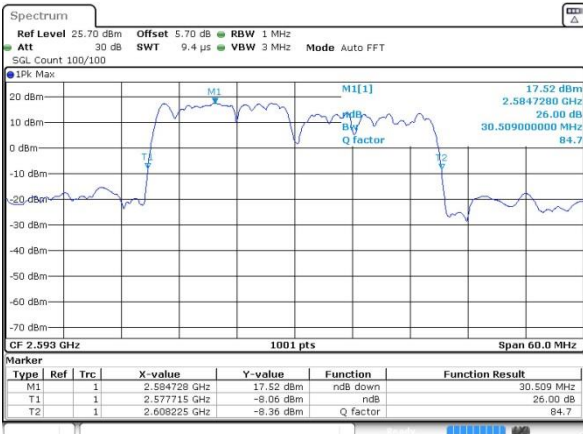
Date: 23.MAR.2019 00:23:31

Lowest Channel / 15MHz+20MHz



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

Middle Channel / 15MHz+15MHz



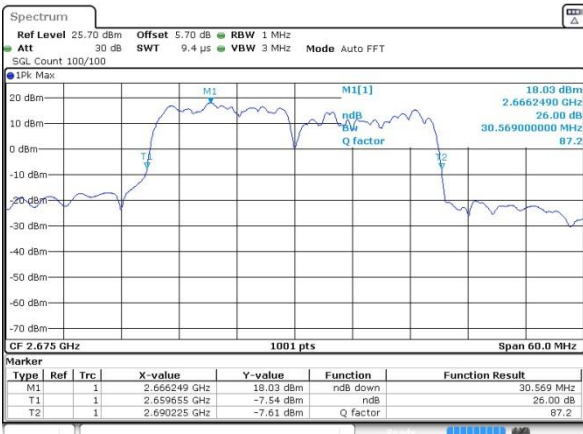
Date: 23.MAR.2019 00:26:45

Middle Channel / 15MHz+20MHz



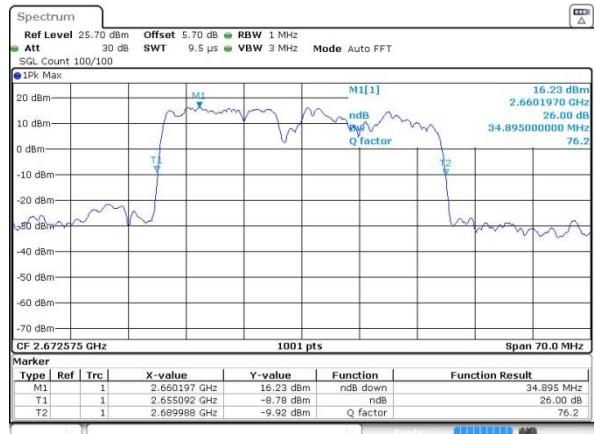
Date: 23.MAR.2019 00:51:43

Highest Channel / 15MHz+15MHz



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

Highest Channel / 15MHz+20MHz



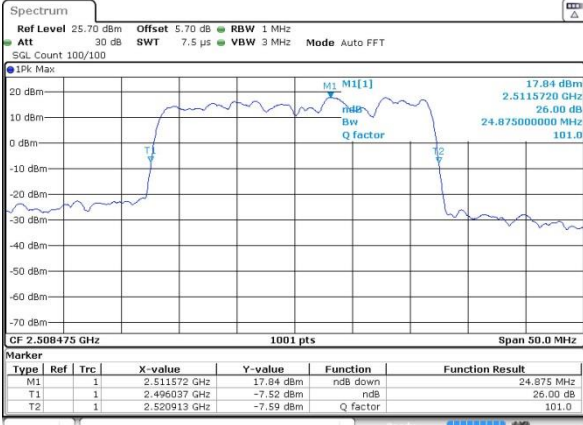
Date: 23.MAR.2019 00:54:01



LTE Band 41

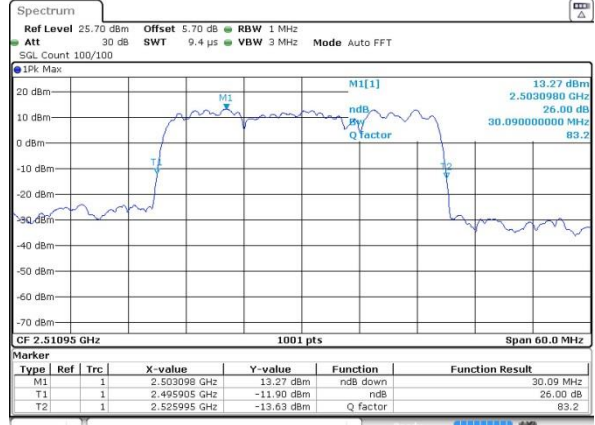
64QAM

Lowest Channel / 20MHz+5MHz



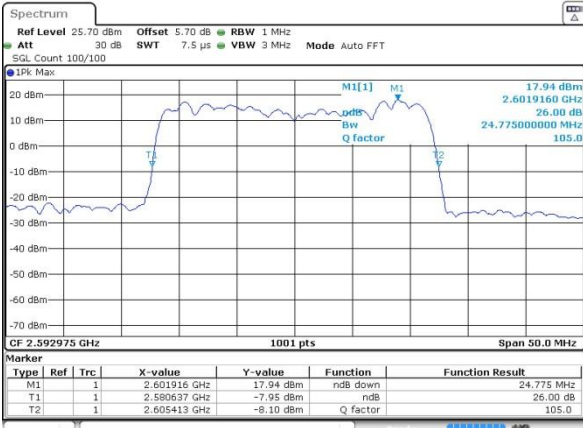
Date: 22 MAR 2019 22:18:15

Lowest Channel / 20MHz+10MHz



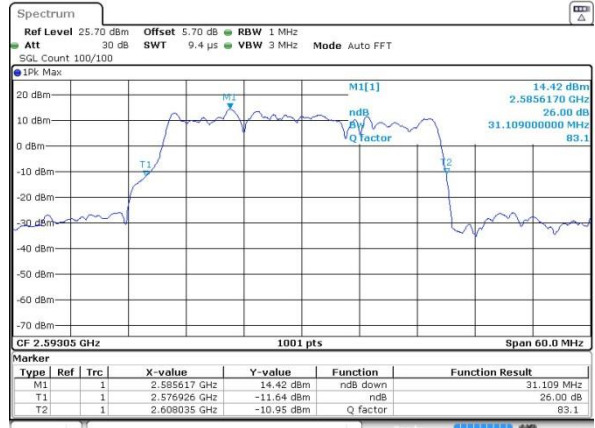
Date: 22 MAR 2019 23:53:31

Middle Channel / 20MHz+5MHz



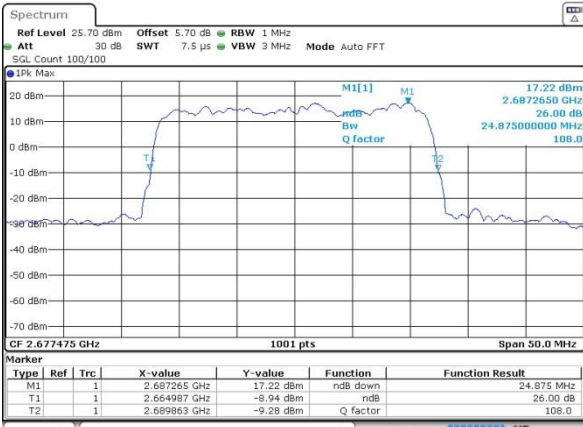
Date: 22 MAR 2019 22:21:47

Middle Channel / 20MHz+10MHz



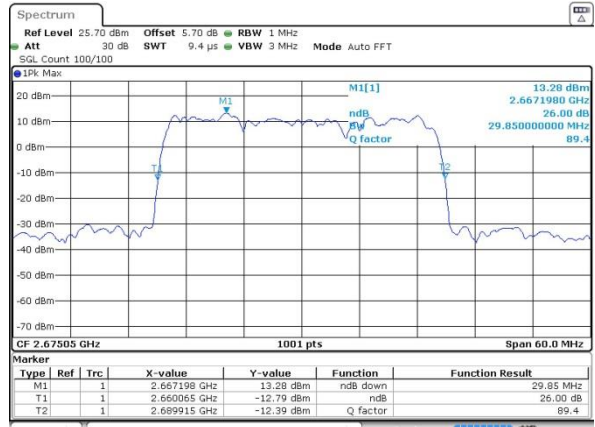
Date: 22 MAR 2019 23:56:45

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

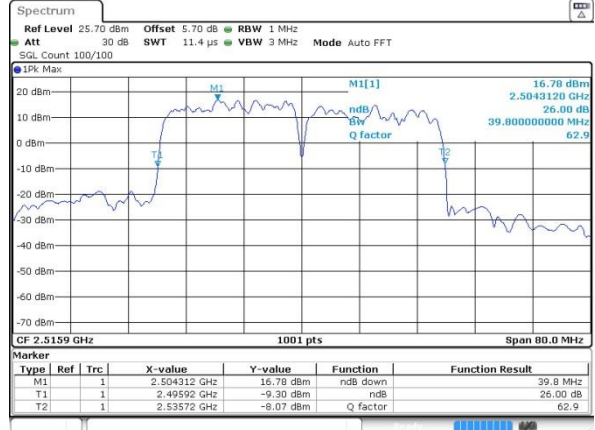
64QAM

Lowest Channel / 20MHz+15MHz



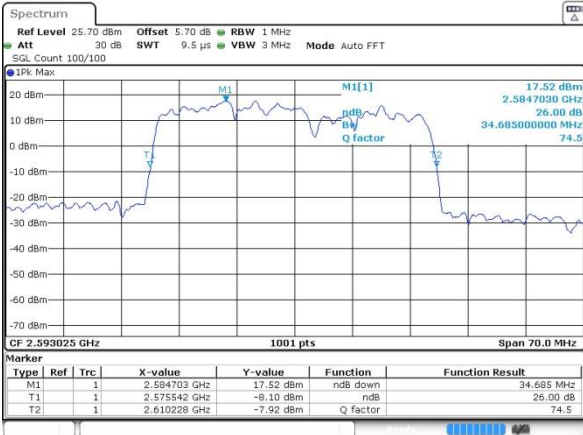
Date: 23.MAR.2019 01:07:12

Lowest Channel / 20MHz+20MHz



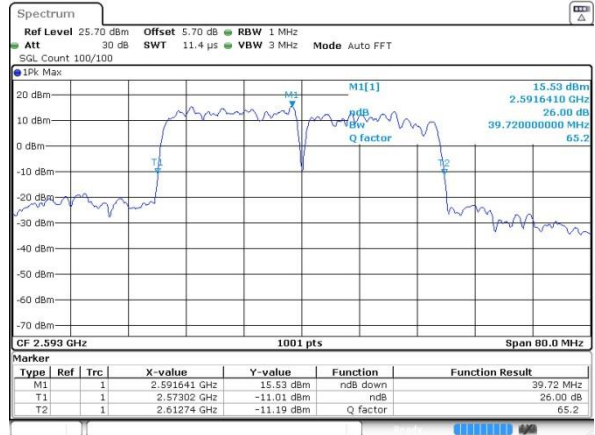
Date: 23.MAR.2019 01:27:12

Middle Channel / 20MHz+15MHz



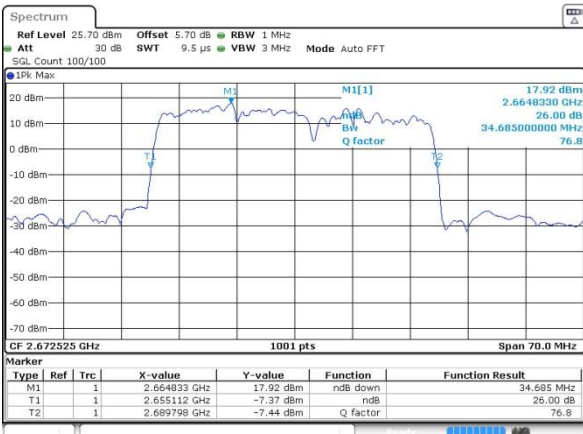
Date: 23.MAR.2019 01:10:23

Middle Channel / 20MHz+20MHz



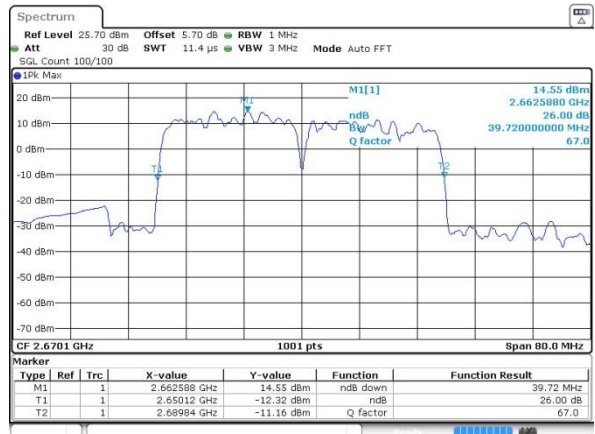
Date: 23.MAR.2019 01:40:20

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)										
	5MHz		10MHz		5MHz	10MHz					
BW											
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

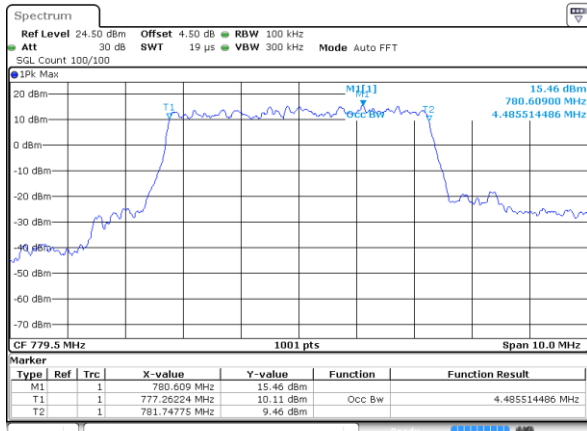
Mode	LTE Band 41 : 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	22.98	23.33	27.81	23.08	28.59
Middle CH	22.88	23.38	27.87	23.23	28.71
Highest CH	22.68	23.43	27.93	23.38	28.29
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	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



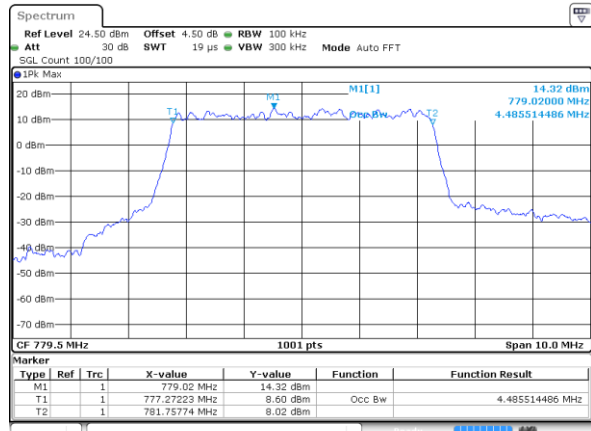
LTE Band 13

Lowest Channel / 5MHz / QPSK



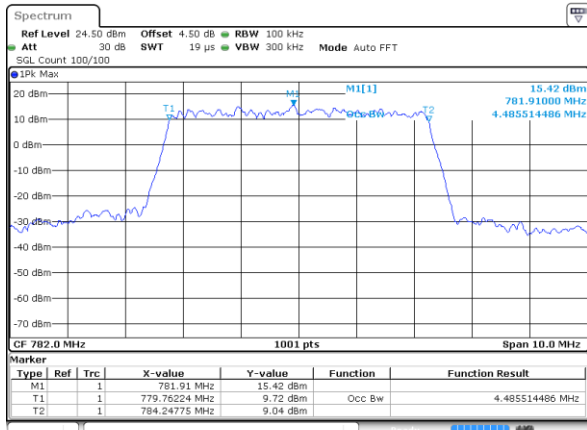
Date: 5 MAR 2019 10:11:30

Lowest Channel / 5MHz / 16QAM



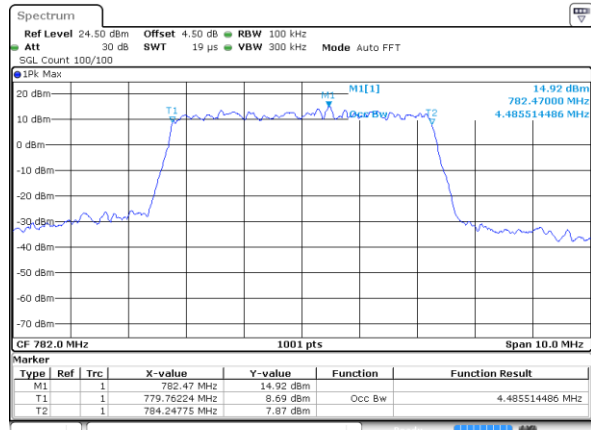
Date: 5 MAR 2019 10:11:59

Middle Channel / 5MHz / QPSK



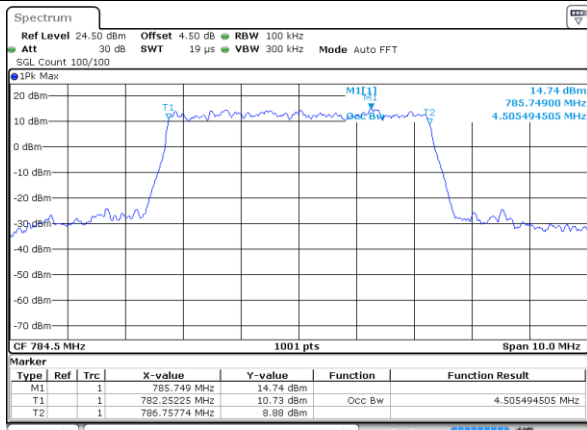
Date: 5 MAR 2019 10:12:52

Middle Channel / 5MHz / 16QAM



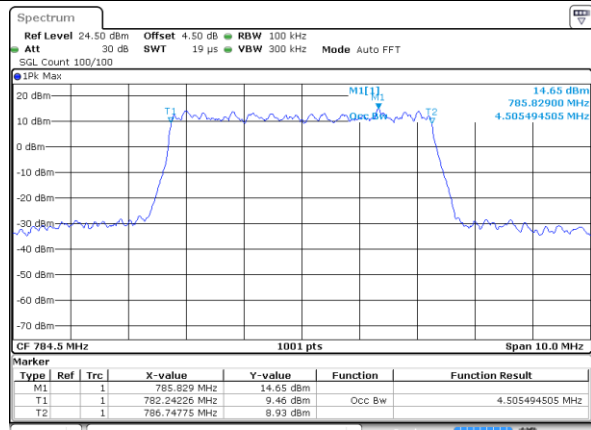
Date: 5 MAR 2019 10:14:09

Highest Channel / 5MHz / QPSK



Date: 5 MAR 2019 10:15:03

Highest Channel / 5MHz / 16QAM

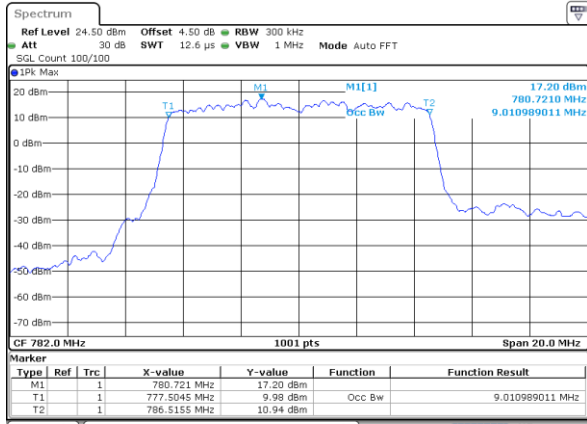


Date: 5 MAR 2019 10:15:31



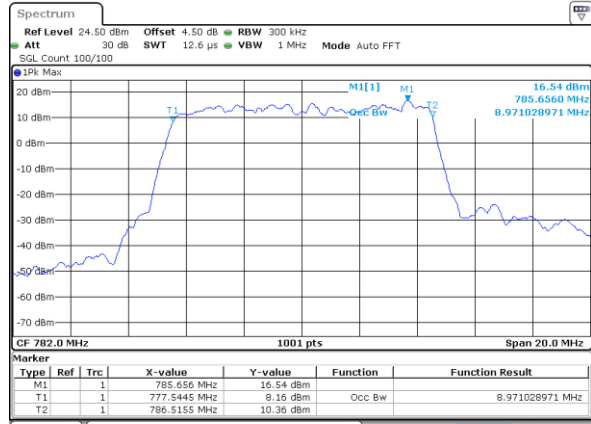
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 5 MAR 2019 10:16:59

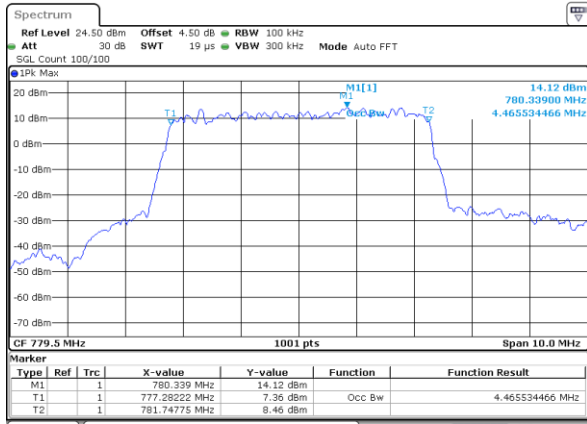
Middle Channel / 10MHz / 16QAM



Date: 5 MAR 2019 10:17:24

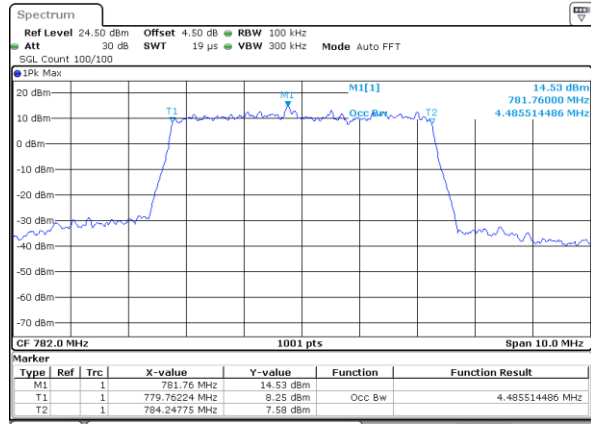
LTE Band 13

Lowest Channel / 5MHz / 64QAM



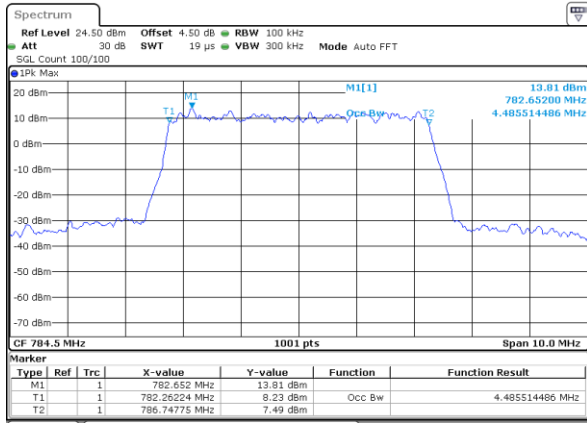
Date: 5 MAR 2019 10:12:24

Middle Channel / 5MHz / 64QAM



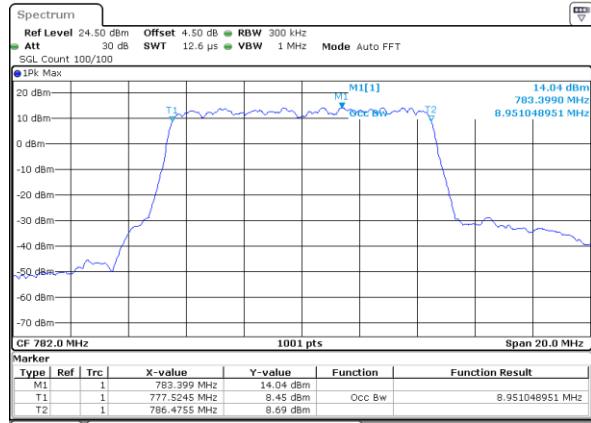
Date: 5 MAR 2019 10:14:34

Highest Channel / 5MHz / 64QAM



Date: 5 MAR 2019 10:15:57

Middle Channel / 10MHz / 64QAM



Date: 5 MAR 2019 10:17:50

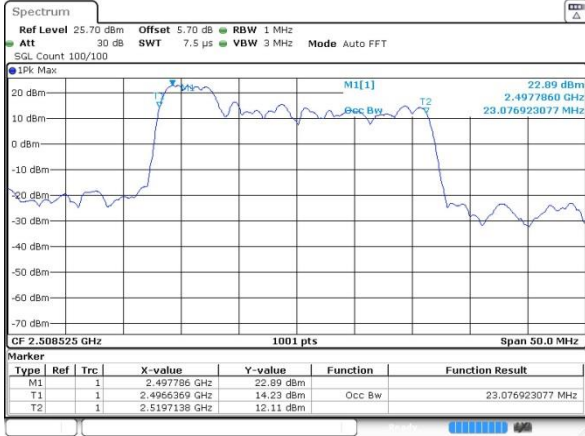


For CA

LTE Band 41

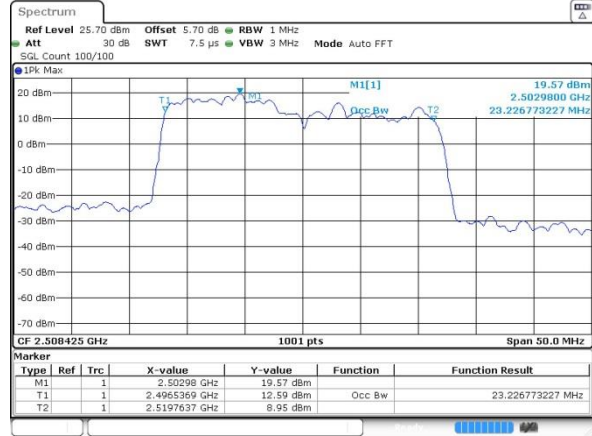
QPSK

Lowest Channel / 5MHz+20MHz



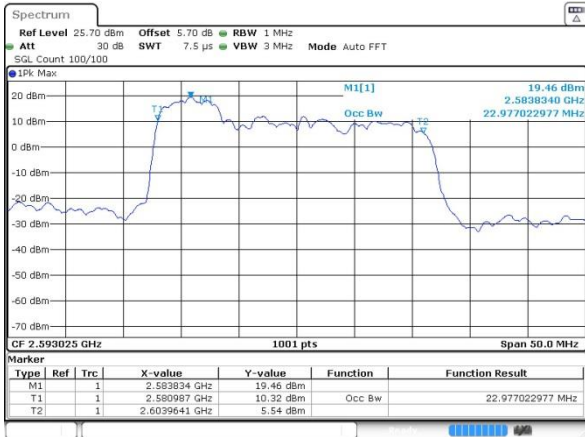
Date: 22 MAR 2019 21:59:28

Lowest Channel / 10MHz+15MHz



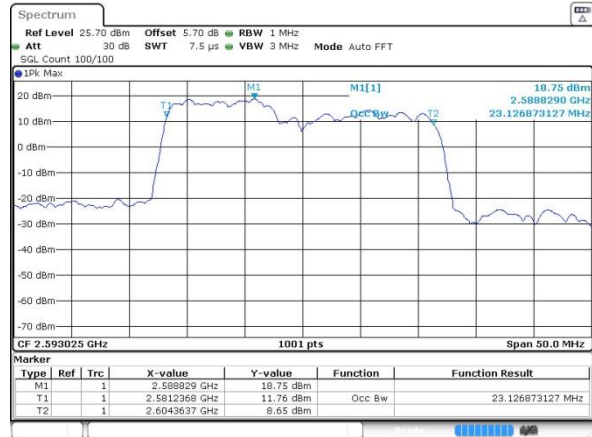
Date: 23 MAR 2019 01:52:18

Middle Channel / 5MHz+20MHz



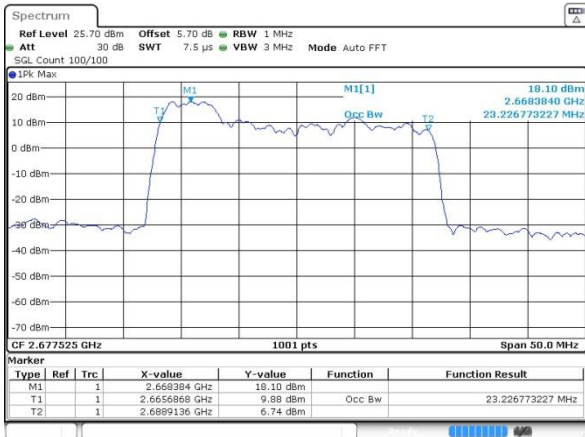
Date: 22 MAR 2019 21:54:06

Middle Channel / 10MHz+15MHz



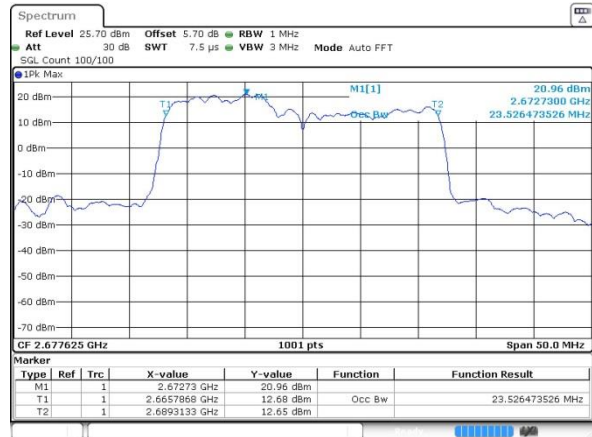
Date: 23 MAR 2019 02:18:11

Highest Channel / 5MHz+20MHz



Date: 22 MAR 2019 22:01:33

Highest Channel / 10MHz+15MHz



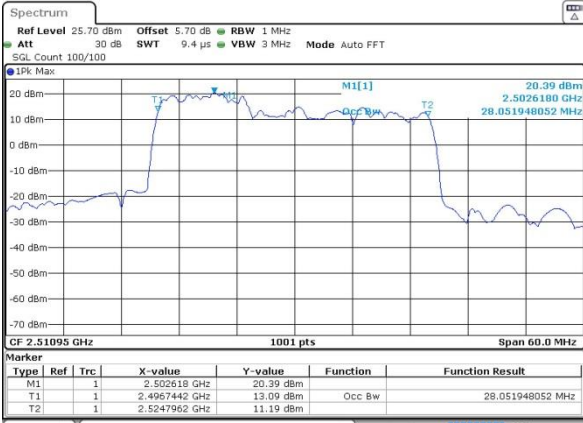
Date: 23 MAR 2019 02:18:49



LTE Band 41

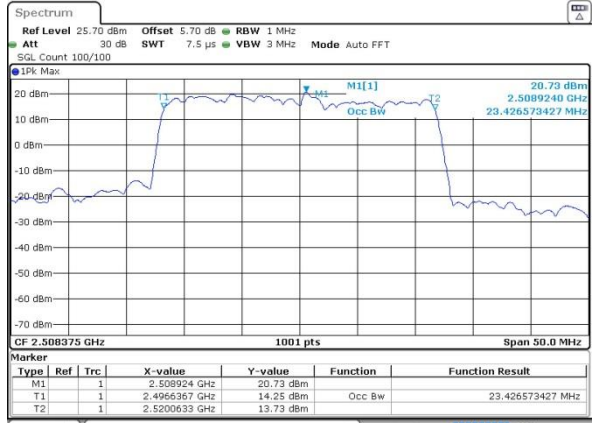
QPSK

Lowest Channel / 10MHz+20MHz



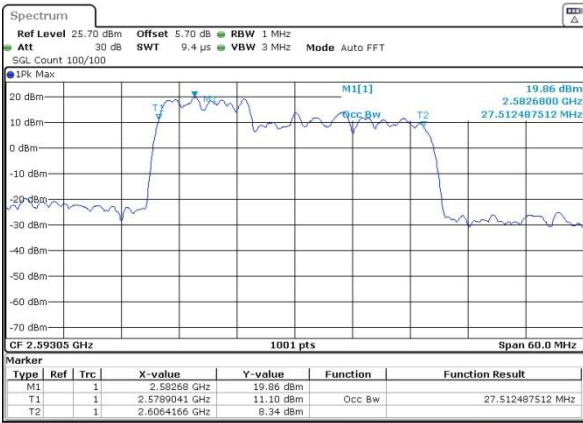
Date: 22 MAR 2019 23:29:08

Lowest Channel / 15MHz+10MHz



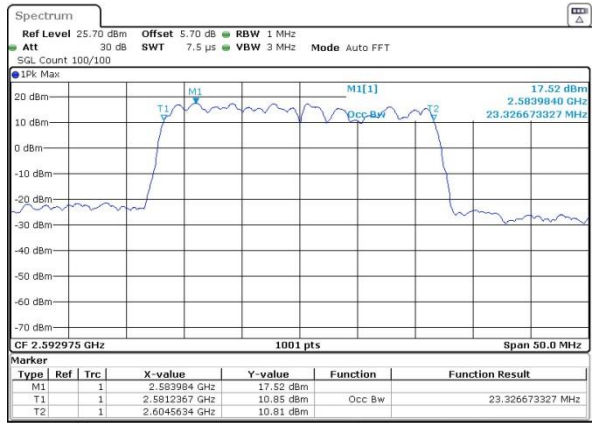
Date: 22 MAR 2019 23:01:33

Middle Channel / 10MHz+20MHz



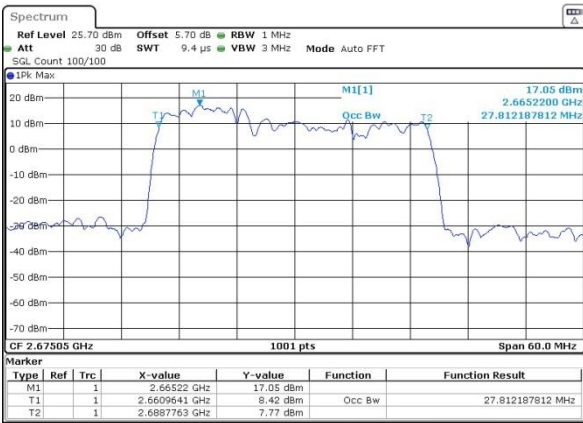
Date: 22 MAR 2019 23:30:13

Middle Channel / 15MHz+10MHz



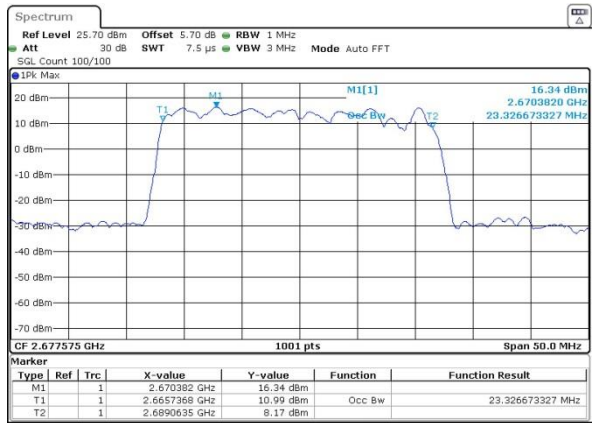
Date: 22 MAR 2019 23:04:00

Highest Channel / 10MHz+20MHz



Date: 22 MAR 2019 23:41:09

Highest Channel / 15MHz+10MHz



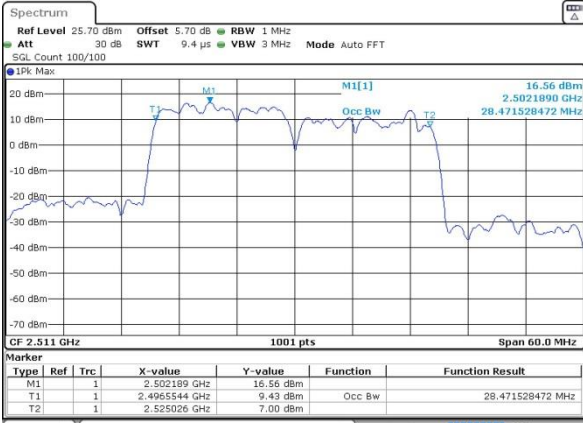
Date: 22 MAR 2019 23:06:28



LTE Band 41

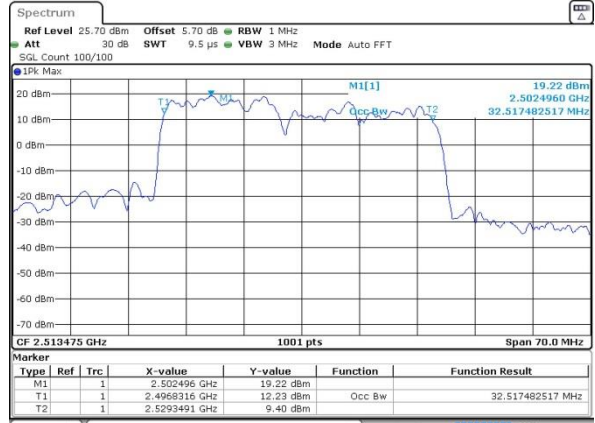
QPSK

Lowest Channel / 15MHz+15MHz



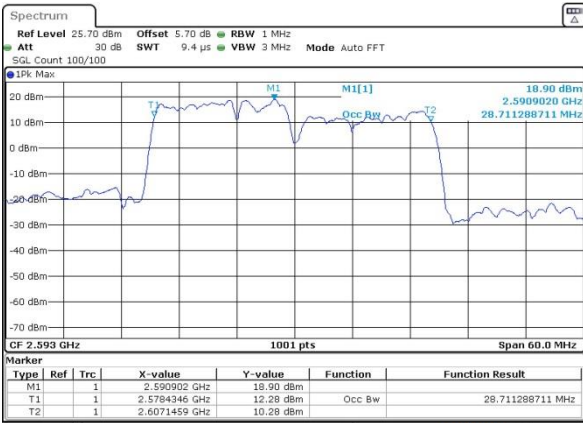
Date: 23.MAR.2019 00:24:28

Lowest Channel / 15MHz+20MHz



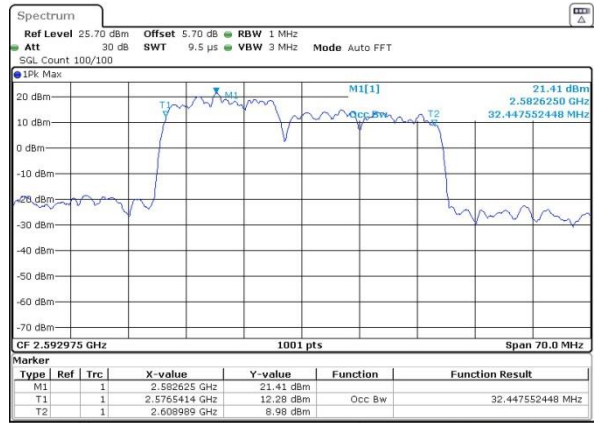
Date: 23.MAR.2019 00:39:13

Middle Channel / 15MHz+15MHz



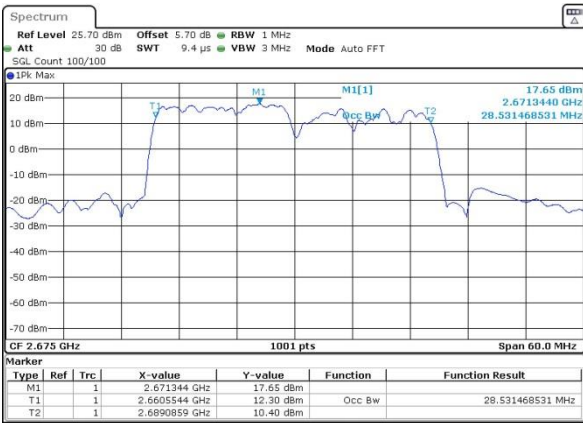
Date: 23.MAR.2019 00:25:27

Middle Channel / 15MHz+20MHz



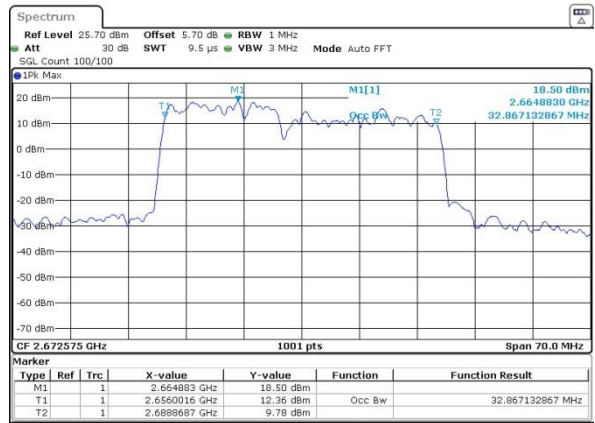
Date: 23.MAR.2019 00:52:17

Highest Channel / 15MHz+15MHz



Date: 23.MAR.2019 00:37:34

Highest Channel / 15MHz+20MHz



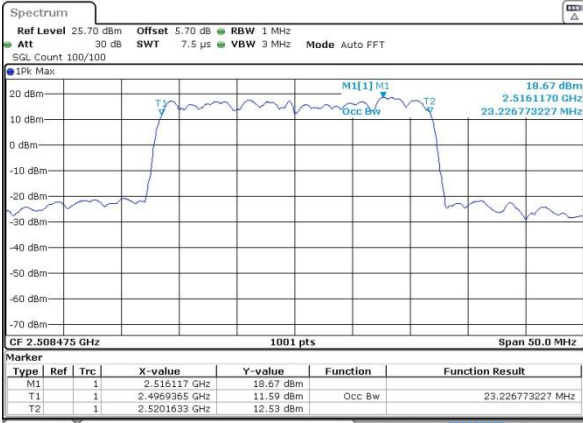
Date: 23.MAR.2019 00:53:04



LTE Band 41

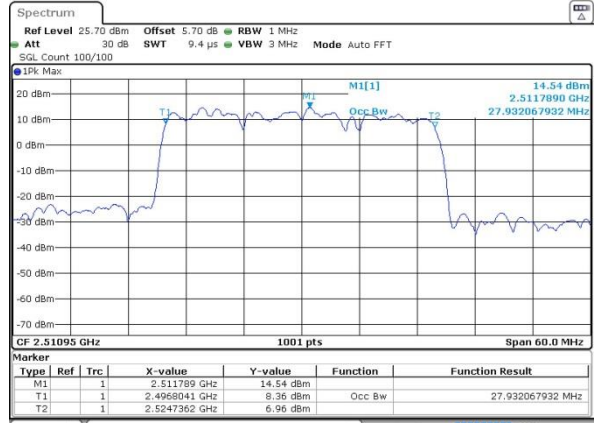
QPSK

Lowest Channel / 20MHz+5MHz



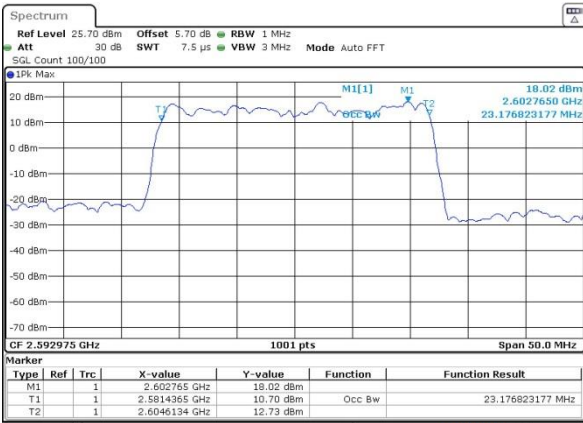
Date: 22 MAR 2019 22:19:02

Lowest Channel / 20MHz+10MHz



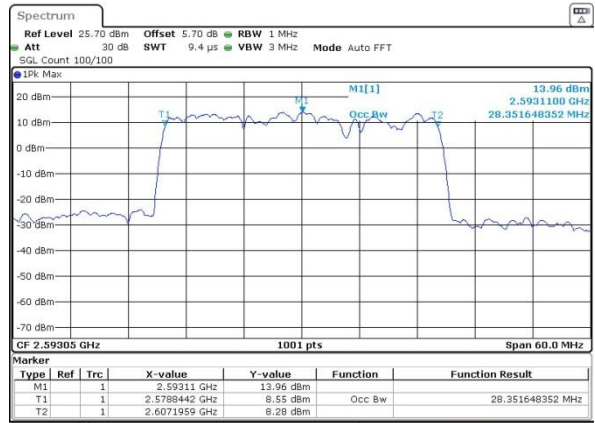
Date: 22 MAR 2019 23:54:09

Middle Channel / 20MHz+5MHz



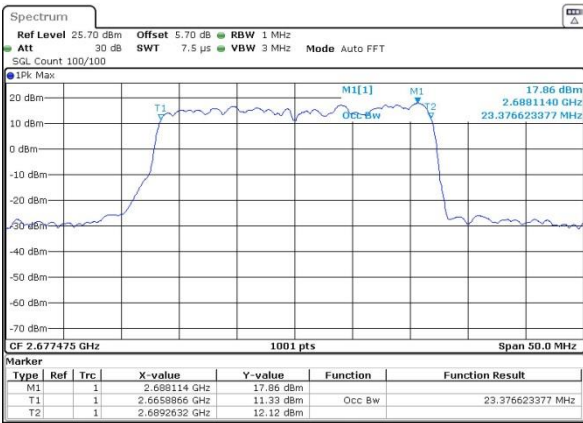
Date: 22 MAR 2019 22:20:25

Middle Channel / 20MHz+10MHz



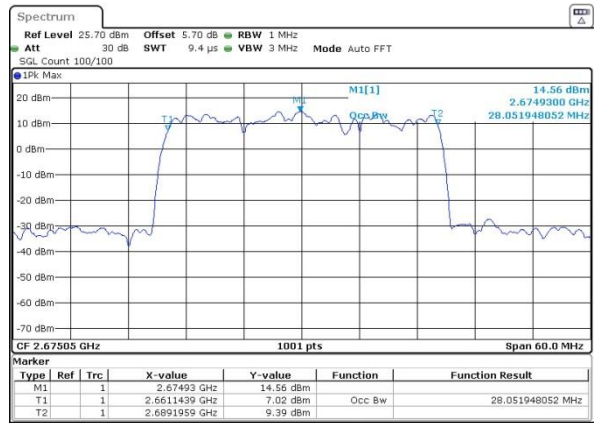
Date: 22 MAR 2019 23:55:37

Highest Channel / 20MHz+5MHz



Date: 22 MAR 2019 22:34:19

Highest Channel / 20MHz+10MHz



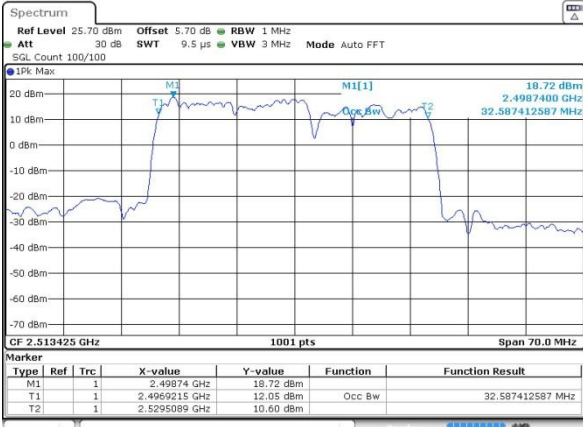
Date: 23 MAR 2019 00:09:33



LTE Band 41

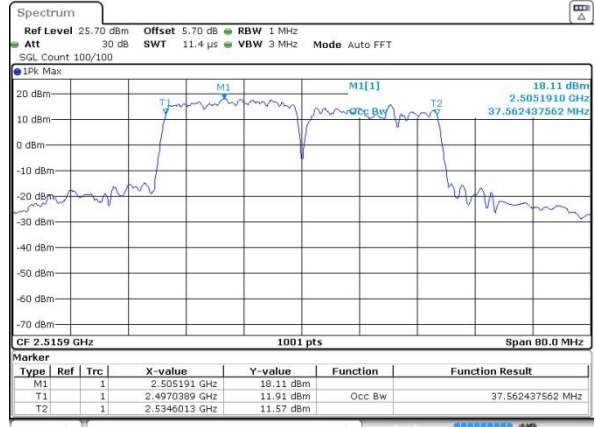
QPSK

Lowest Channel / 20MHz+15MHz



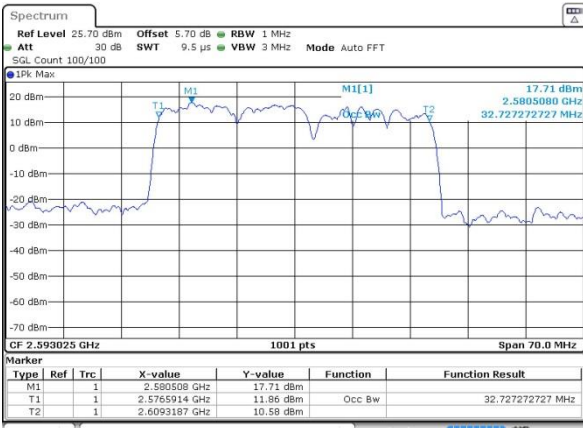
Date: 23.MAR.2019 01:08:14

Lowest Channel / 20MHz+20MHz



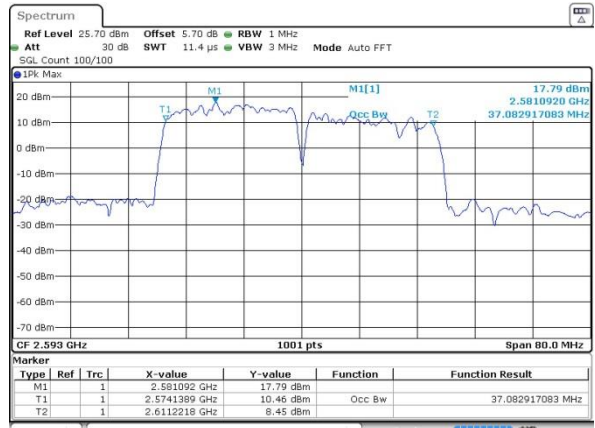
Date: 23.MAR.2019 01:28:08

Middle Channel / 20MHz+15MHz



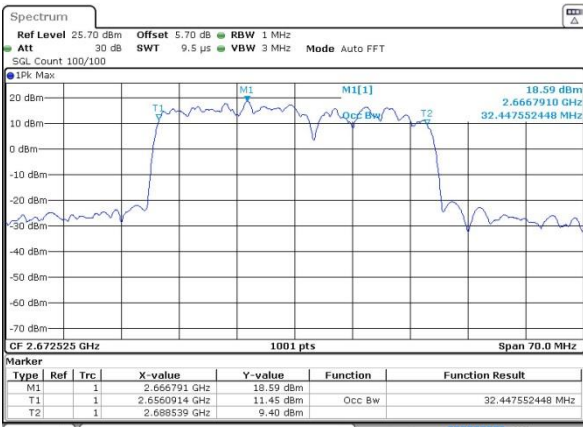
Date: 23.MAR.2019 01:09:21

Middle Channel / 20MHz+20MHz



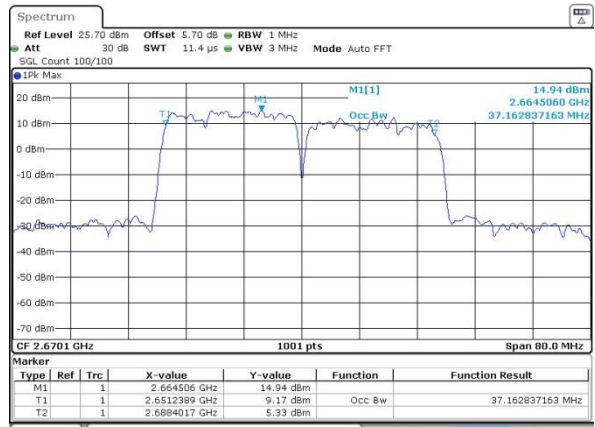
Date: 23.MAR.2019 01:39:19

Highest Channel / 20MHz+15MHz



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

Highest Channel / 20MHz+20MHz



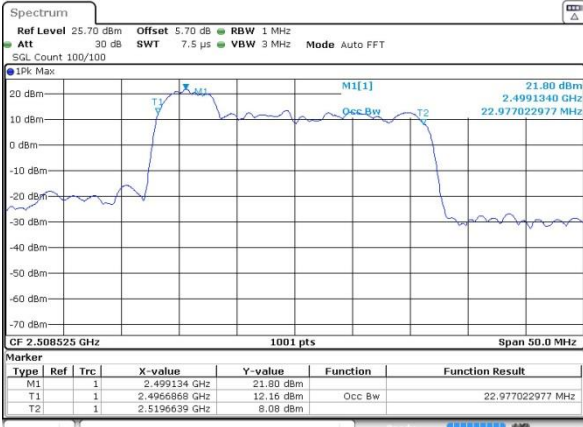
Date: 23.MAR.2019 01:41:42



LTE Band 41

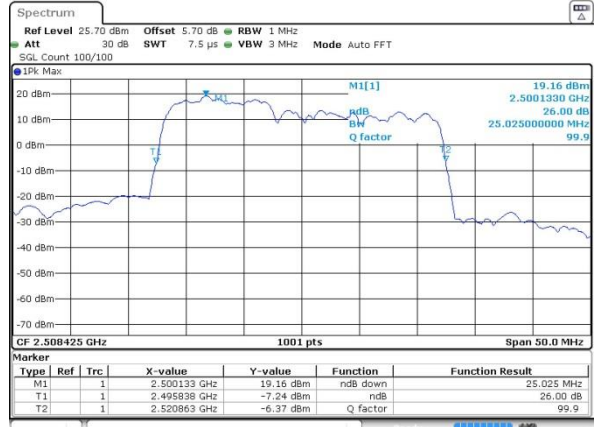
16QAM

Lowest Channel / 5MHz+20MHz



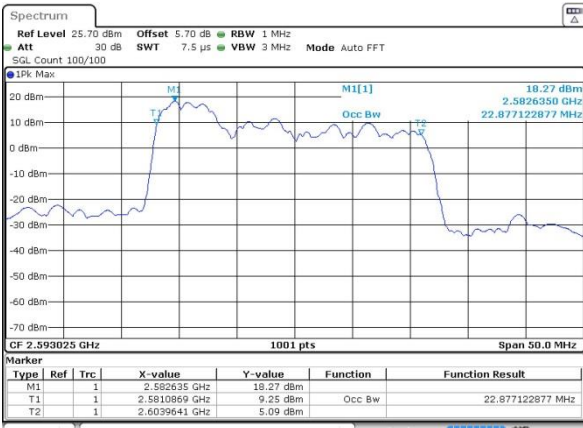
Date: 22 MAR 2019 21:59:51

Lowest Channel / 10MHz+15MHz



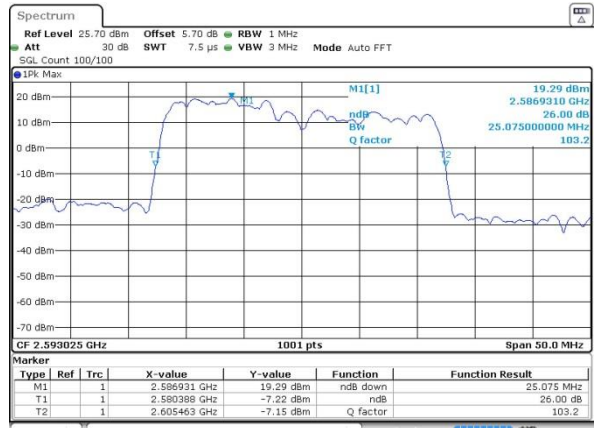
Date: 23 MAR 2019 01:52:50

Middle Channel / 5MHz+20MHz



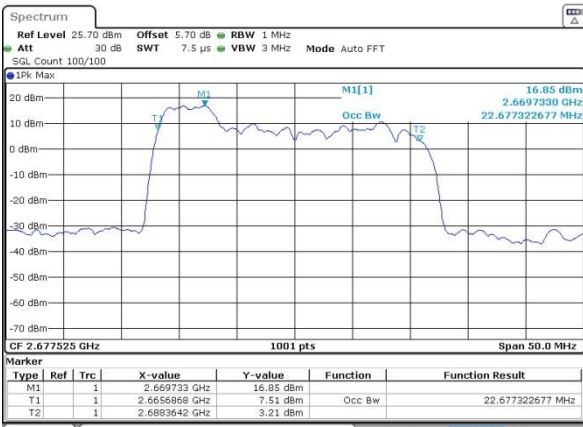
Date: 22 MAR 2019 21:53:31

Middle Channel / 10MHz+15MHz



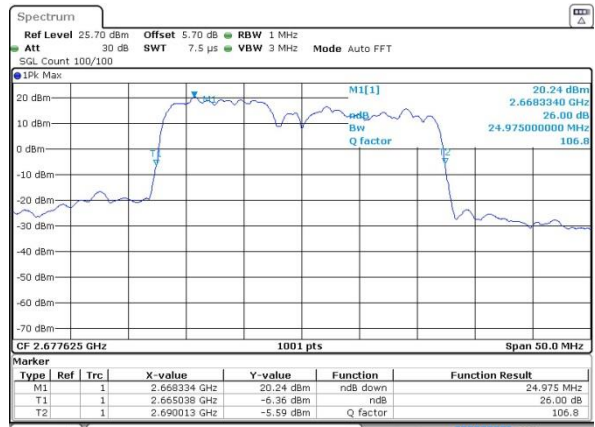
Date: 23 MAR 2019 02:17:47

Highest Channel / 5MHz+20MHz



Date: 22 MAR 2019 22:02:02

Highest Channel / 10MHz+15MHz



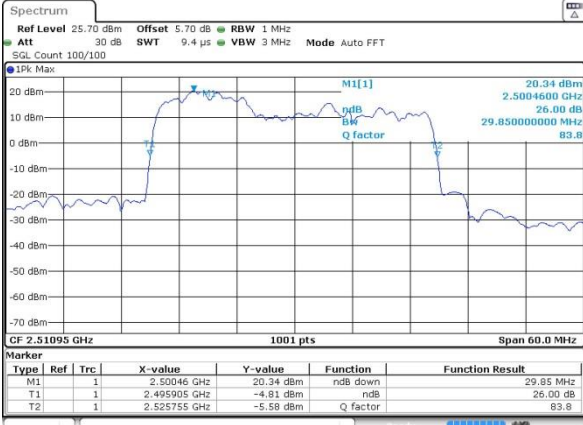
Date: 23 MAR 2019 02:19:23



LTE Band 41

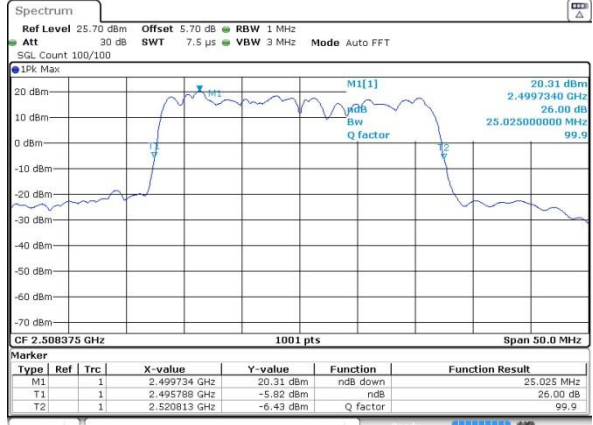
16QAM

Lowest Channel / 10MHz+20MHz



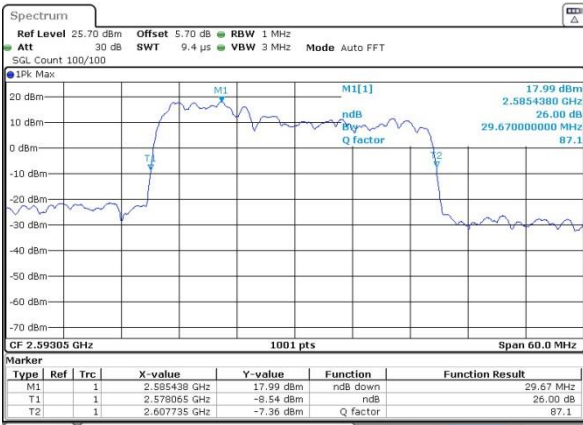
Date: 22 MAR 2019 23:28:42

Lowest Channel / 15MHz+10MHz



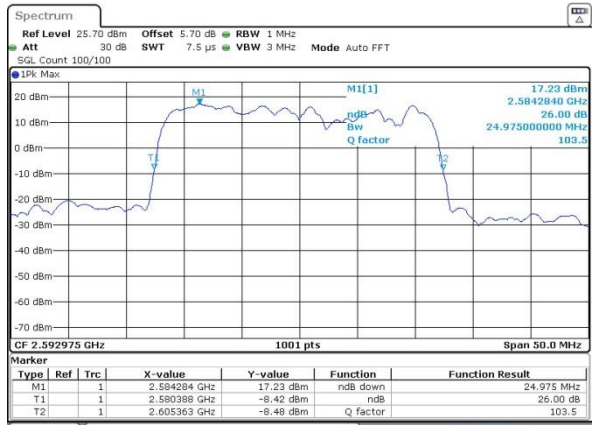
Date: 22 MAR 2019 23:02:09

Middle Channel / 10MHz+20MHz



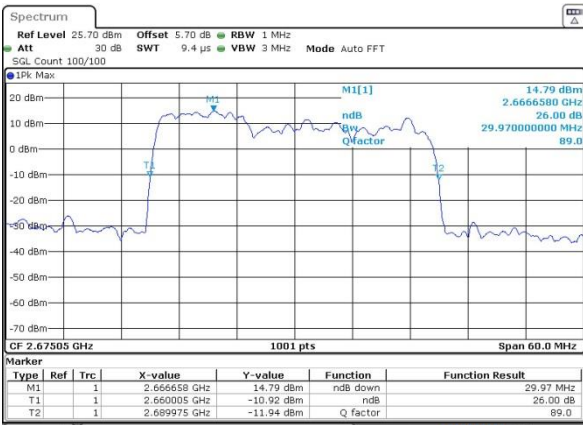
Date: 22 MAR 2019 23:29:43

Middle Channel / 15MHz+10MHz



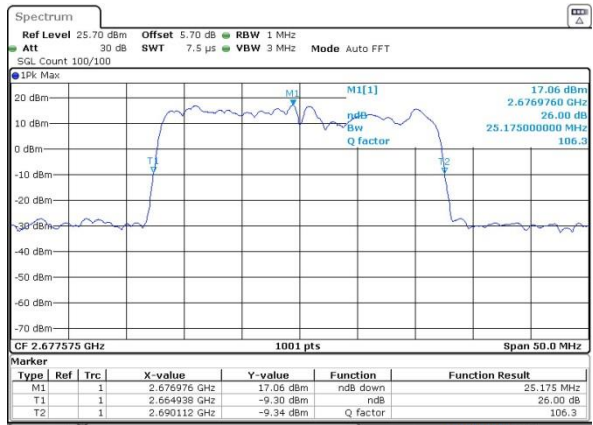
Date: 22 MAR 2019 23:04:35

Highest Channel / 10MHz+20MHz



Date: 22 MAR 2019 23:41:44

Highest Channel / 15MHz+10MHz



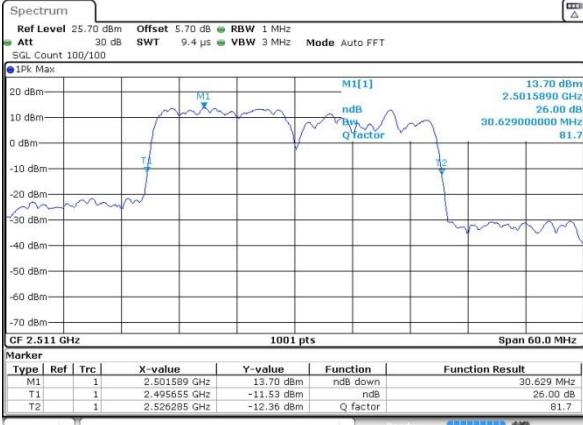
Date: 22 MAR 2019 23:06:12



LTE Band 41

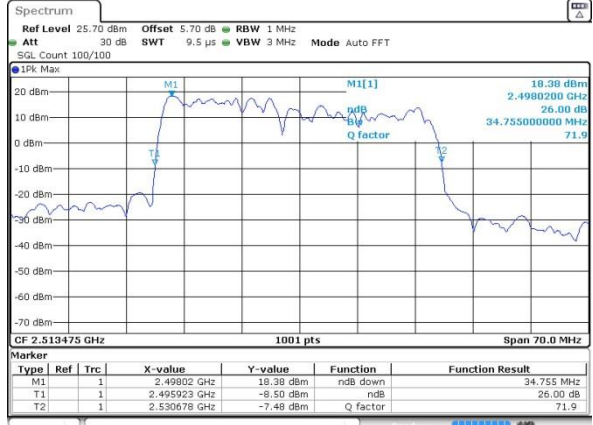
16QAM

Lowest Channel / 15MHz+15MHz



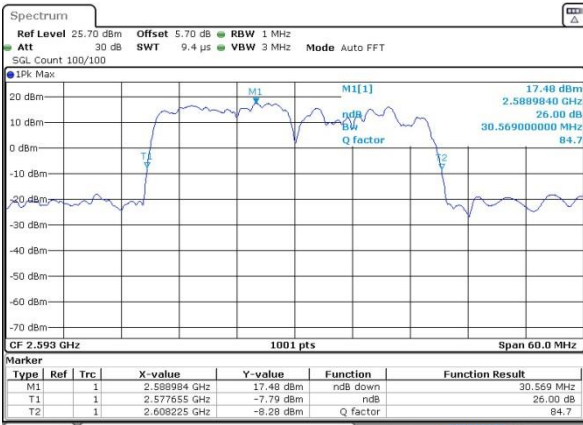
Date: 23 MAR 2019 00:24:06

Lowest Channel / 15MHz+20MHz



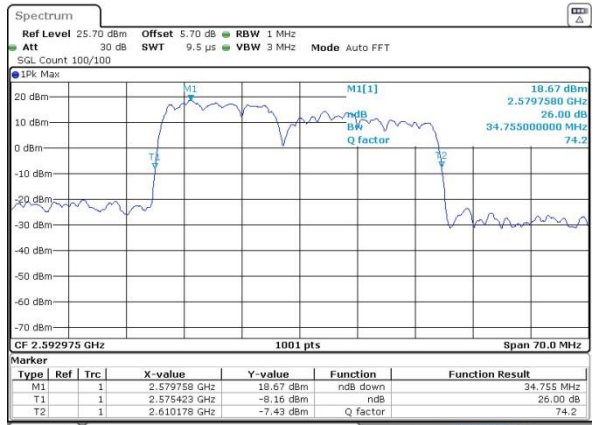
Date: 23 MAR 2019 00:39:47

Middle Channel / 15MHz+15MHz



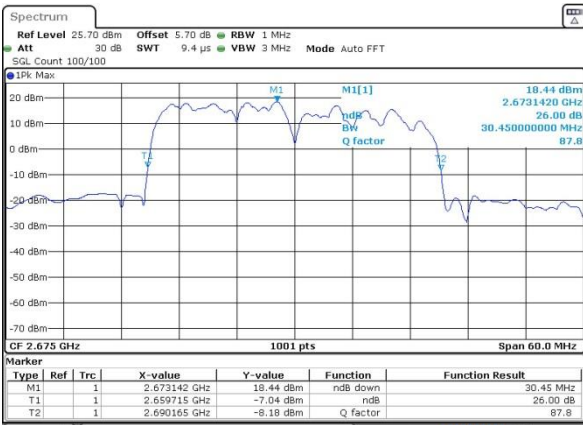
Date: 23 MAR 2019 00:26:14

Middle Channel / 15MHz+20MHz



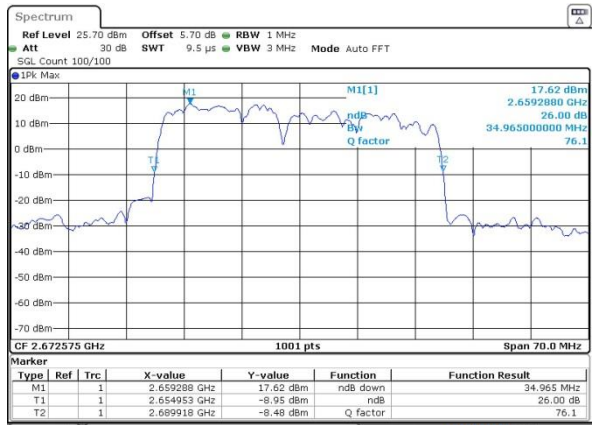
Date: 23 MAR 2019 00:52:04

Highest Channel / 15MHz+15MHz



Date: 23 MAR 2019 00:37:18

Highest Channel / 15MHz+20MHz



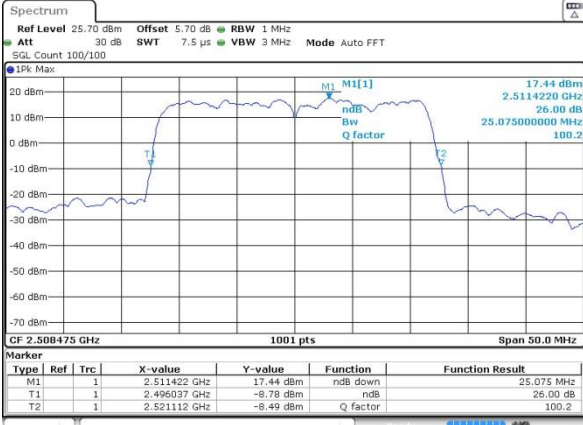
Date: 23 MAR 2019 00:53:36



LTE Band 41

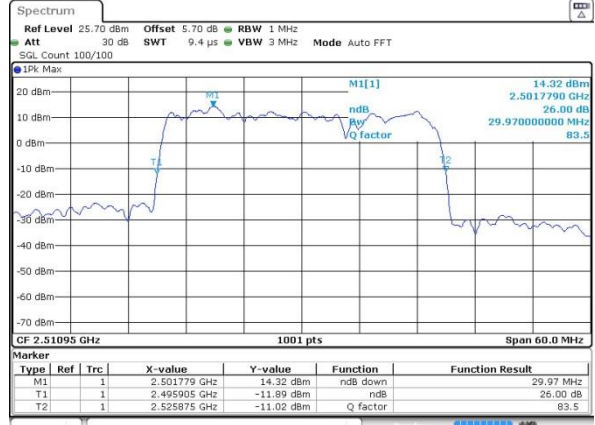
16QAM

Lowest Channel / 20MHz+5MHz



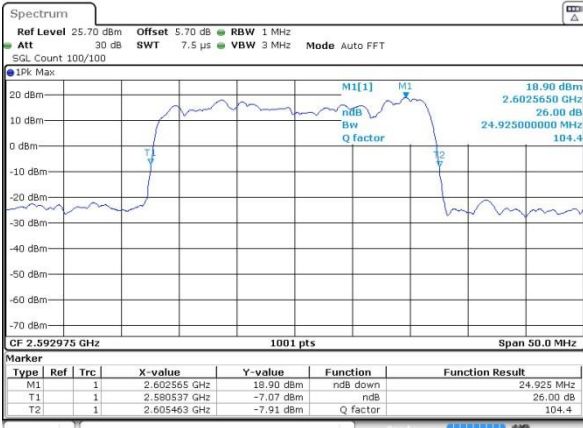
Date: 22 MAR 2019 22:18:42

Lowest Channel / 20MHz+10MHz



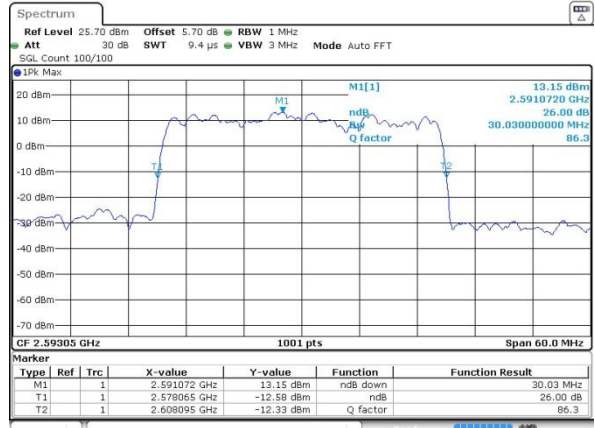
Date: 22 MAR 2019 23:53:57

Middle Channel / 20MHz+5MHz



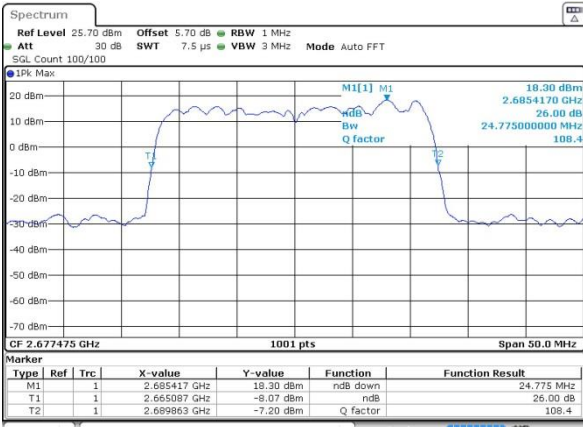
Date: 22 MAR 2019 22:21:19

Middle Channel / 20MHz+10MHz



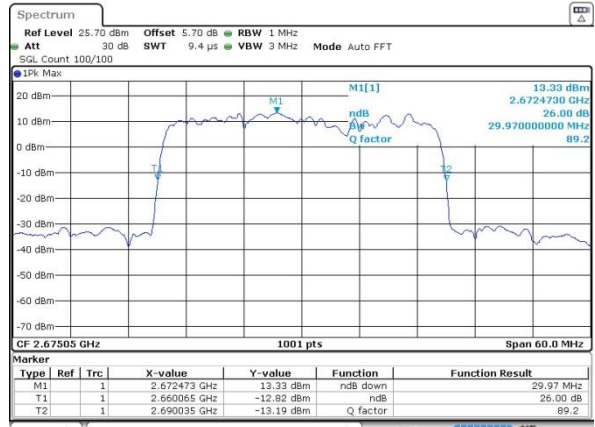
Date: 22 MAR 2019 23:56:17

Highest Channel / 20MHz+5MHz



Date: 22 MAR 2019 22:34:04

Highest Channel / 20MHz+10MHz



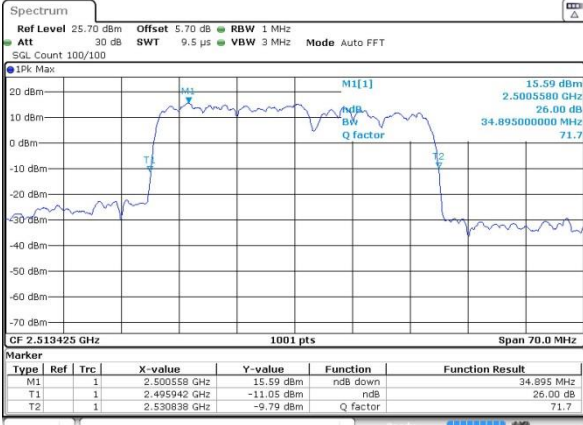
Date: 23 MAR 2019 00:09:11



LTE Band 41

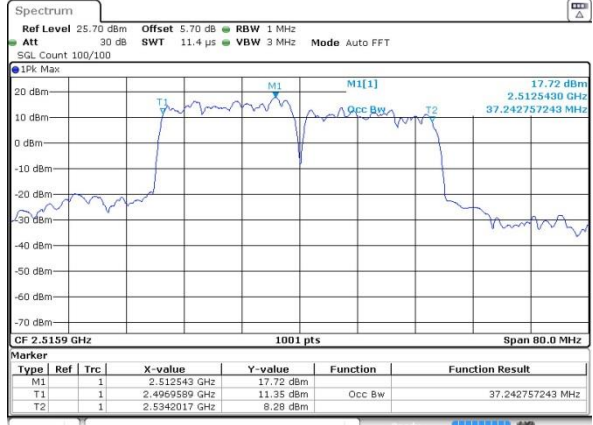
16QAM

Lowest Channel / 20MHz+15MHz



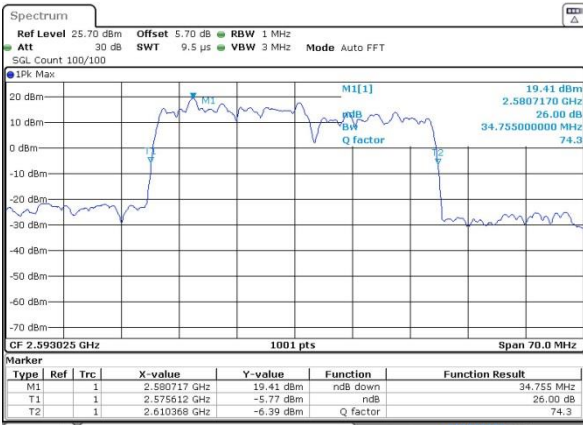
Date: 23.MAR.2019 01:07:55

Lowest Channel / 20MHz+20MHz



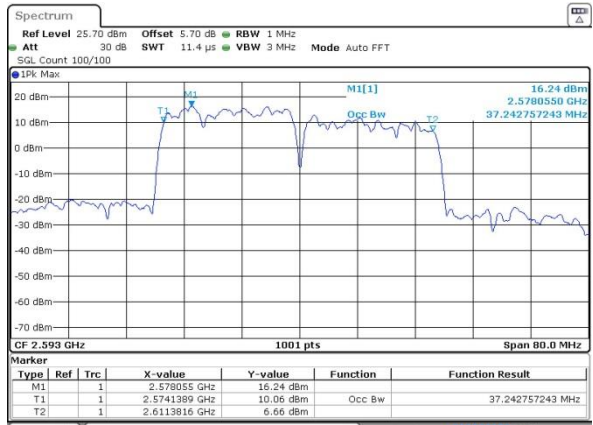
Date: 23.MAR.2019 01:28:37

Middle Channel / 20MHz+15MHz



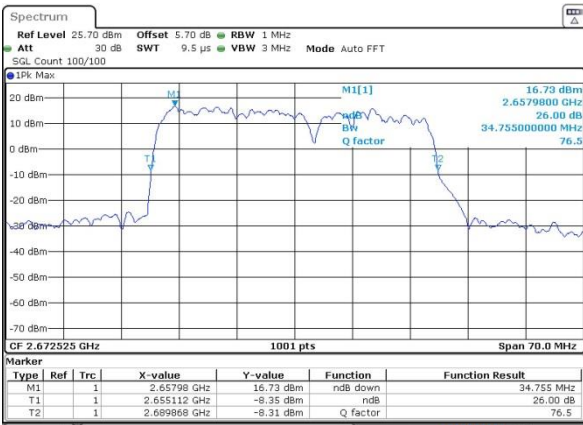
Date: 23.MAR.2019 01:09:57

Middle Channel / 20MHz+20MHz



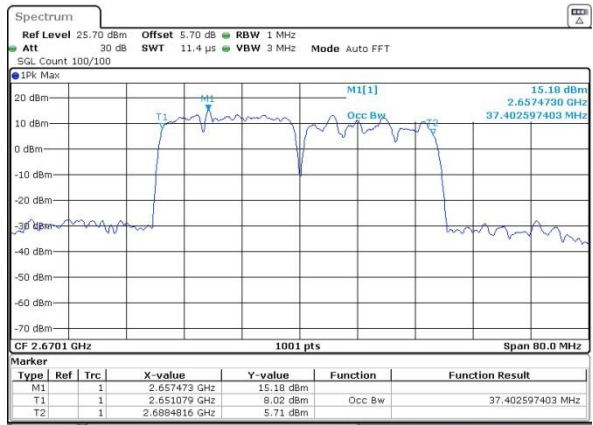
Date: 23.MAR.2019 01:39:46

Highest Channel / 20MHz+15MHz



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

Highest Channel / 20MHz+20MHz



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