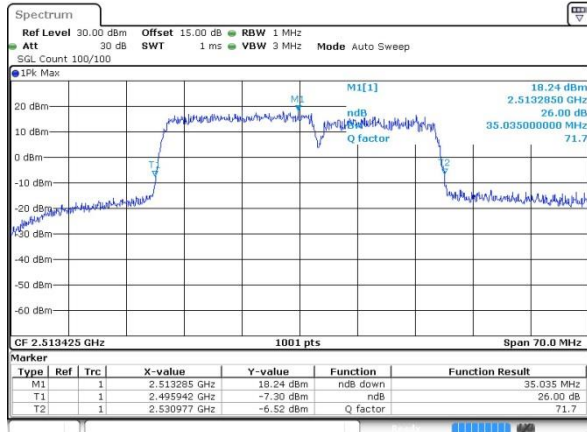




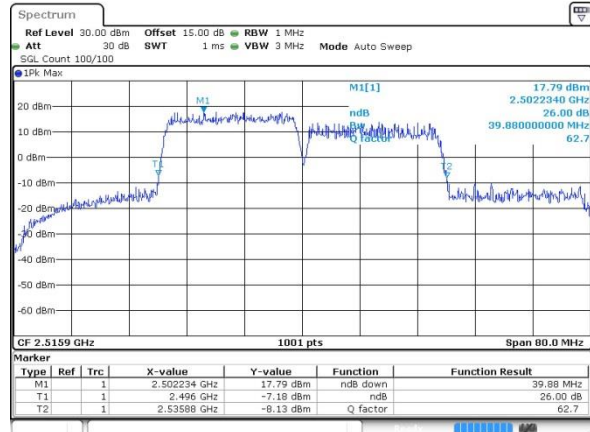
LTE Band 41C_CA

64QAM

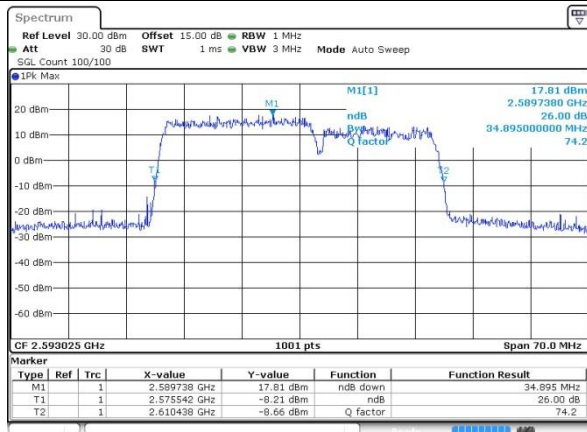
Lowest Channel / 20MHz+15MHz



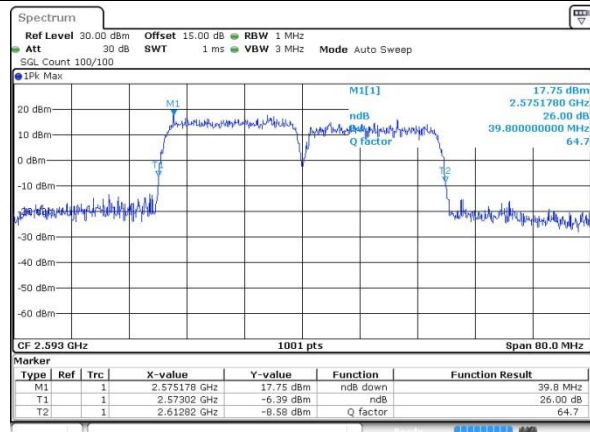
Lowest Channel / 20MHz+20MHz



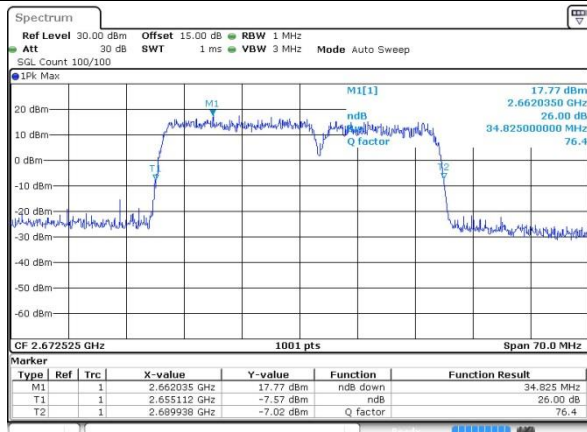
Middle Channel / 20MHz+15MHz



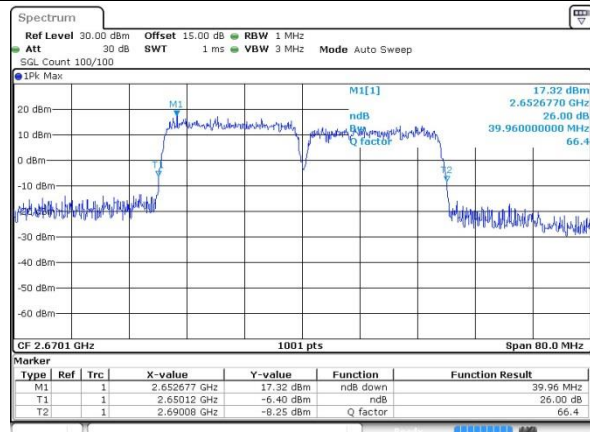
Middle Channel / 20MHz+20MHz



Highest Channel / 20MHz+15MHz



Highest Channel / 20MHz+20MHz



**Occupied Bandwidth**

Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.52	4.48	9.03	8.93	13.49	13.46	18.38	18.34	4.49	9.03	13.46	18.38
Middle CH	4.51	4.49	9.13	8.99	13.40	13.43	18.42	18.38	4.50	9.05	13.46	18.42
Highest CH	4.53	4.51	9.01	8.99	13.40	13.43	18.42	18.42	4.47	9.03	13.40	18.46

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	4.49	9.05	9.03	13.46	13.40	18.30	18.38	4.50	8.97	13.43	18.50
Middle CH	4.51	4.48	9.03	9.03	13.46	13.37	18.34	18.30	4.46	8.97	13.46	18.58
Highest CH	4.46	4.50	9.03	9.05	13.46	13.46	18.30	18.22	4.47	8.99	13.46	18.42

Mode	LTE Band 41 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.48	4.47	8.97	8.97	13.43	13.43	18.22	18.22	4.49	9.03	13.43	18.38
Middle CH	4.48	4.49	8.99	9.01	13.37	13.46	18.34	18.38	4.46	9.05	13.40	18.42
Highest CH	4.48	4.50	9.01	9.11	13.46	13.40	18.26	18.42	4.46	9.03	13.46	18.18



Mode	LTE Band 7C_CA: 99%OBW(MHz)			
QPSK				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.05	-	23.48	28.59
Middle CH	27.93	-	23.53	28.59
Highest CH	27.93	-	23.58	28.65
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	28.05	32.87	37.72
Middle CH	32.80	28.05	32.73	37.64
Highest CH	32.80	27.93	32.87	37.56

Mode	LTE Band 7C_CA: 99%OBW(MHz)			
16QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	27.93	-	23.53	28.47
Middle CH	27.99	-	23.53	28.59
Highest CH	27.93	-	23.53	28.65
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.87	27.93	32.94	37.48
Middle CH	32.87	27.99	32.66	37.64
Highest CH	32.73	27.99	32.73	37.72

Mode	LTE Band 7C_CA: 99%OBW(MHz)			
64QAM				
BW	10MHz+20MHz	15MHz+5MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	28.11	-	23.38	28.47
Middle CH	27.93	-	23.33	28.53
Highest CH	27.99	-	23.48	28.59
BW	15MHz+20MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	27.93	32.80	37.40
Middle CH	32.66	27.93	32.80	37.64
Highest CH	32.66	27.93	32.80	37.56



Mode	LTE Band 41C_CA: 99%OBW(MHz)				
QPSK					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.23	23.33	27.81	23.43	28.47
Middle CH	23.33	23.43	27.93	23.48	28.53
Highest CH	23.33	23.48	28.05	23.43	28.59
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.66	23.28	27.81	32.80	37.80
Middle CH	32.87	23.28	28.05	32.80	37.56
Highest CH	32.87	23.28	27.99	32.87	37.64

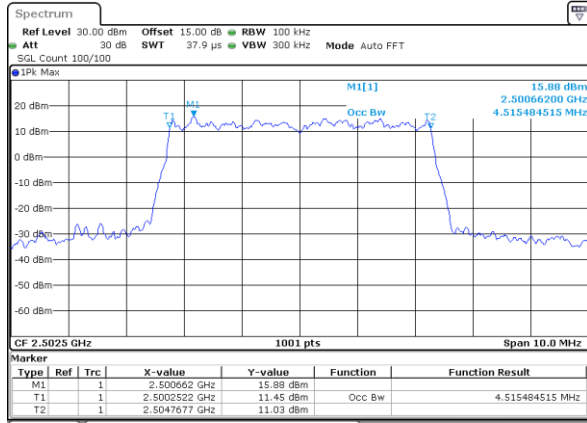
Mode	LTE Band 41C_CA: 99%OBW(MHz)				
16QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.38	27.93	23.48	28.47
Middle CH	23.13	23.43	27.87	23.48	28.65
Highest CH	23.18	23.43	28.11	23.48	28.65
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	23.23	27.93	32.80	37.48
Middle CH	32.80	23.23	28.05	32.66	37.64
Highest CH	32.80	23.33	28.11	32.94	37.64

Mode	LTE Band 41C_CA: 99%OBW(MHz)				
64QAM					
BW	5MHz+20MHz	10MHz+15MHz	10MHz+20MHz	15MHz+10MHz	15MHz+15MHz
Lowest CH	23.18	23.33	27.93	23.33	28.47
Middle CH	23.23	23.48	27.93	23.43	28.47
Highest CH	23.23	23.38	27.99	23.48	28.47
BW	15MHz+20MHz	20MHz+5MHz	20MHz+10MHz	20MHz+15MHz	20MHz+20MHz
Lowest CH	32.73	23.18	27.81	32.73	37.72
Middle CH	32.87	23.23	27.87	32.80	37.64
Highest CH	32.87	23.33	28.11	32.73	37.80



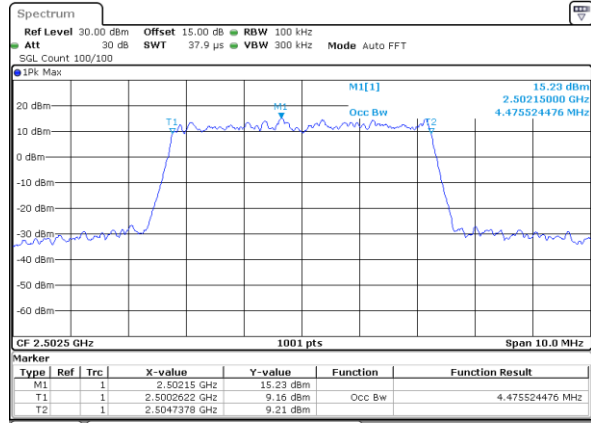
LTE Band 7

Lowest Channel / 5MHz / QPSK



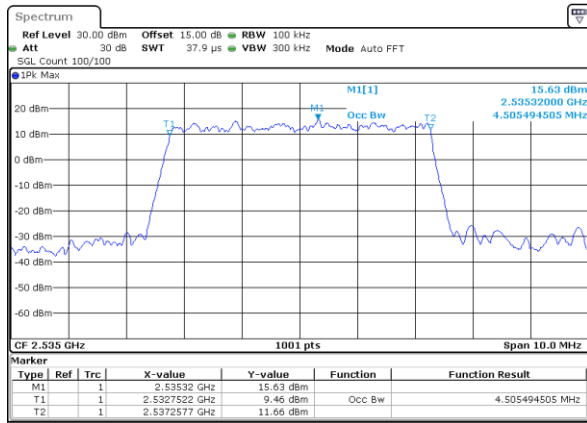
Date: 7 AUG 2019 10:53:55

Lowest Channel / 5MHz / 16QAM



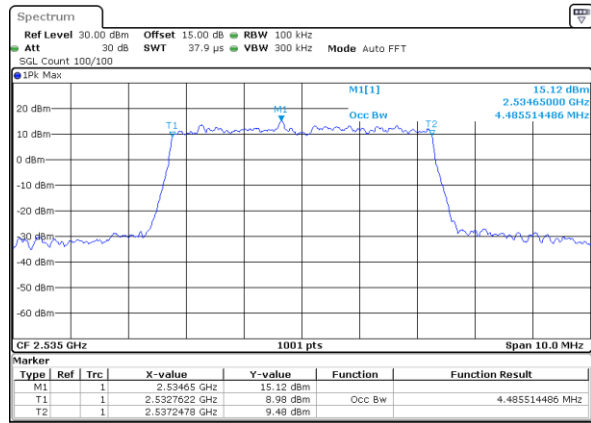
Date: 7 AUG 2019 10:57:32

Middle Channel / 5MHz / QPSK



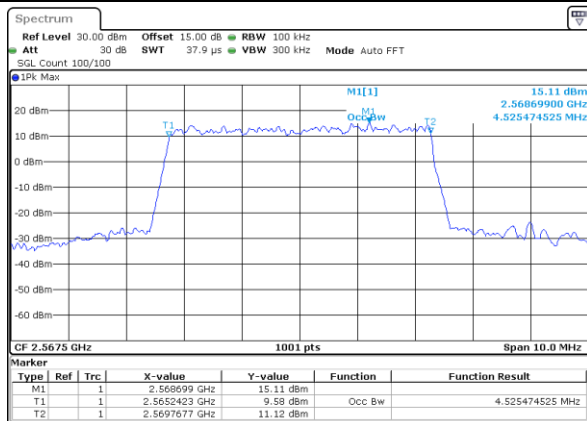
Date: 7 AUG 2019 10:54:05

Middle Channel / 5MHz / 16QAM



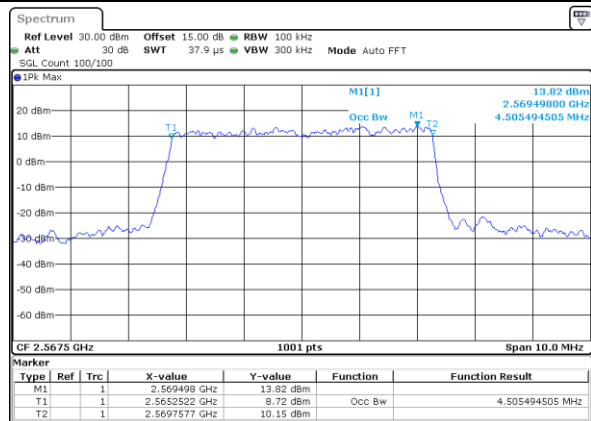
Date: 7 AUG 2019 10:57:42

Highest Channel / 5MHz / QPSK



Date: 7 AUG 2019 10:54:15

Highest Channel / 5MHz / 16QAM

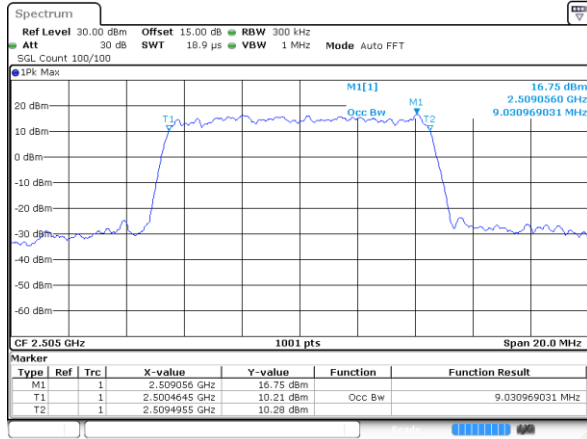


Date: 7 AUG 2019 10:57:51

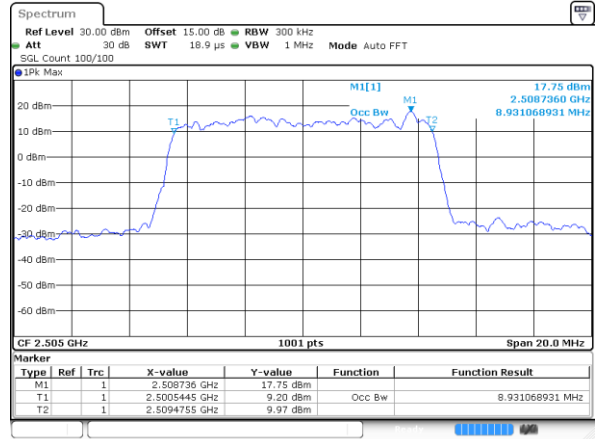


LTE Band 7

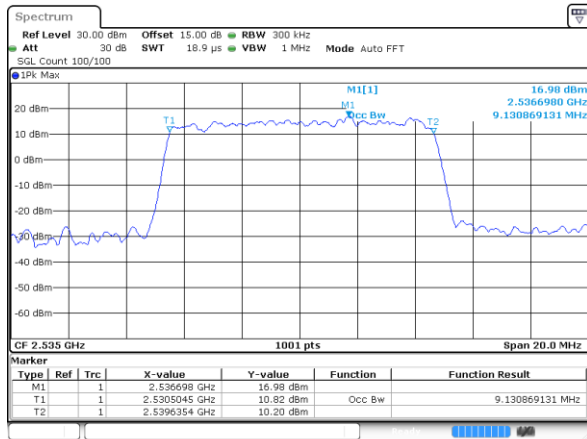
Lowest Channel / 10MHz / QPSK



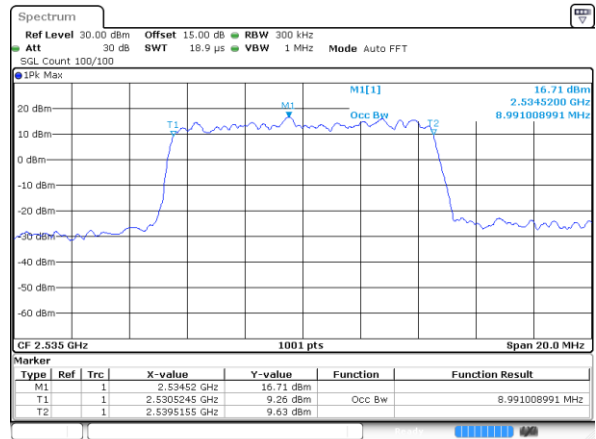
Lowest Channel / 10MHz / 16QAM



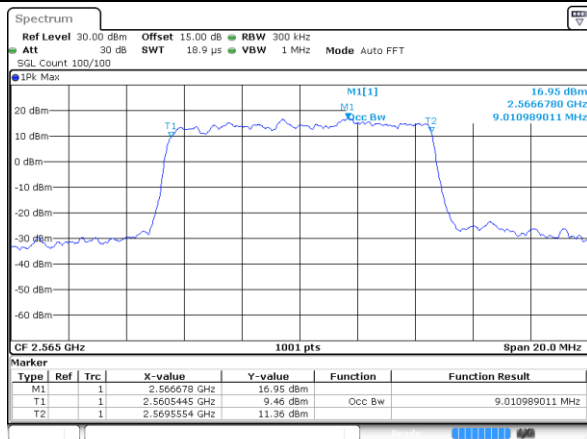
Middle Channel / 10MHz / QPSK



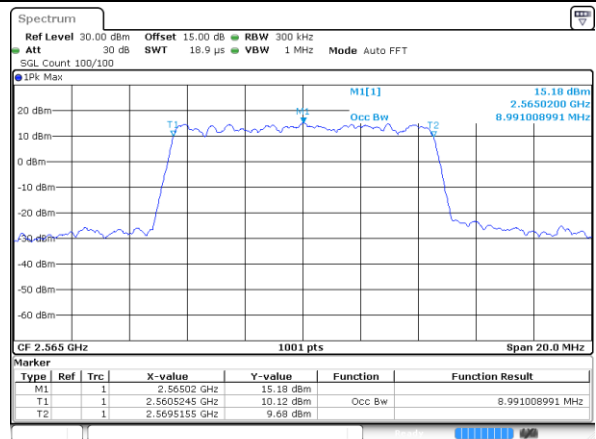
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



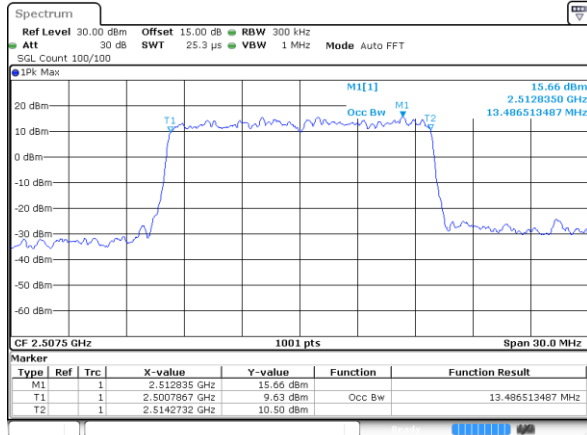
Highest Channel / 10MHz / 16QAM



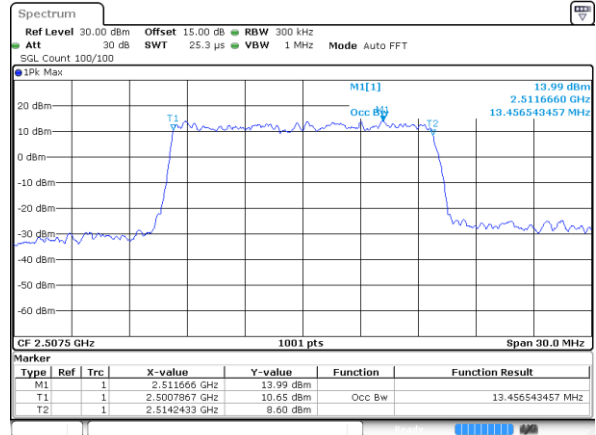


LTE Band 7

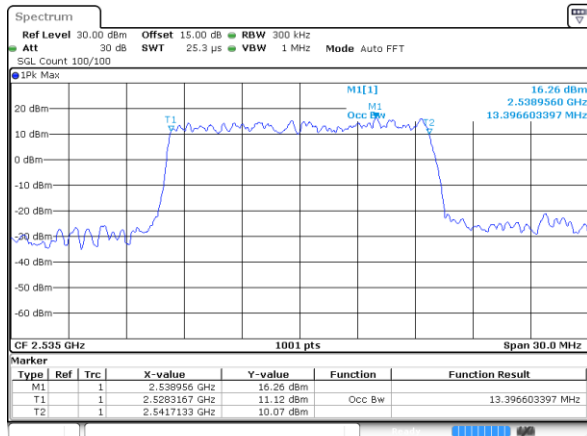
Lowest Channel / 15MHz / QPSK



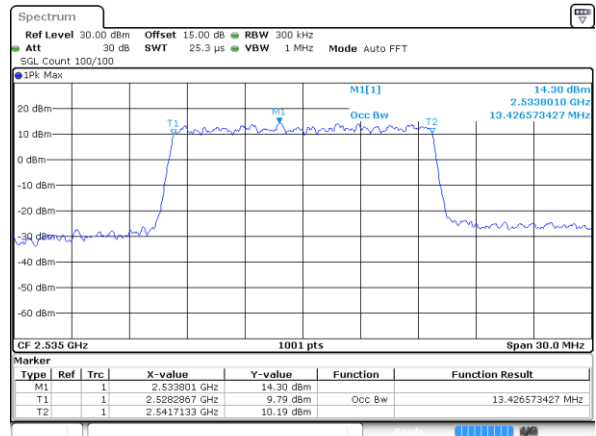
Lowest Channel / 15MHz / 16QAM



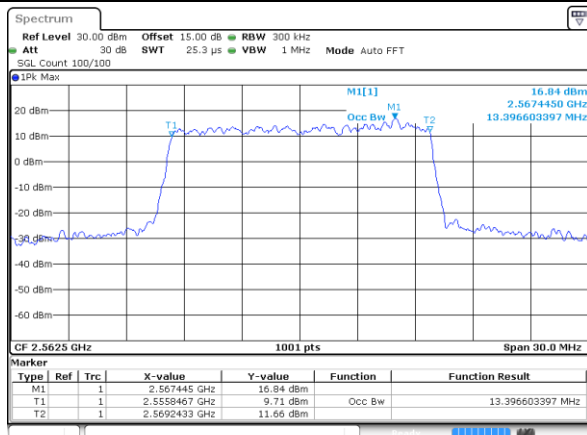
Middle Channel / 15MHz / QPSK



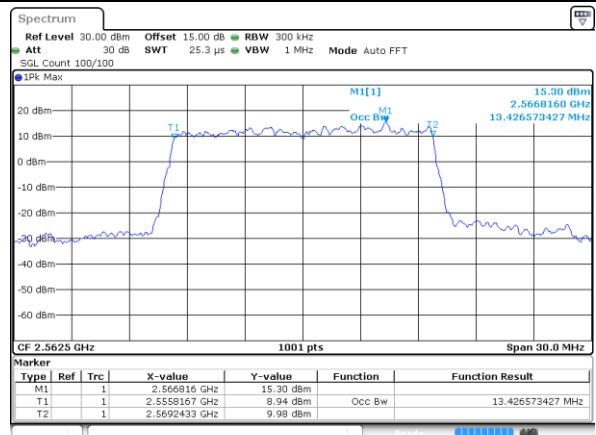
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



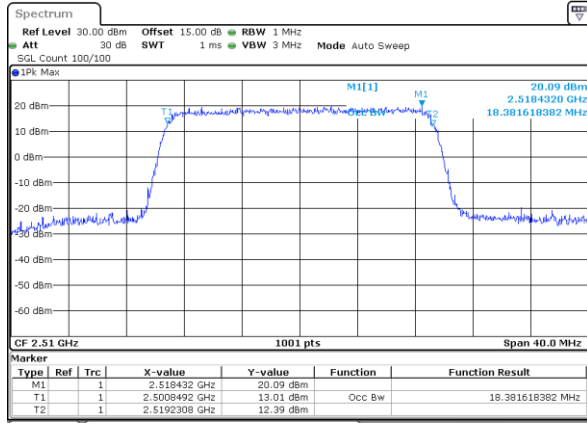
Highest Channel / 15MHz / 16QAM





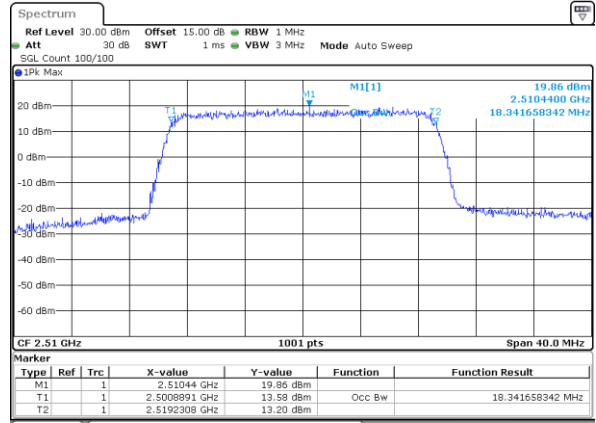
LTE Band 7

Lowest Channel / 20MHz / QPSK



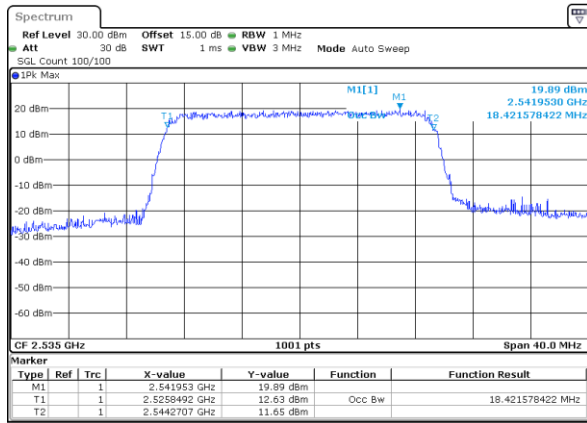
Date: 7 AUG 2019 14:26:56

Lowest Channel / 20MHz / 16QAM



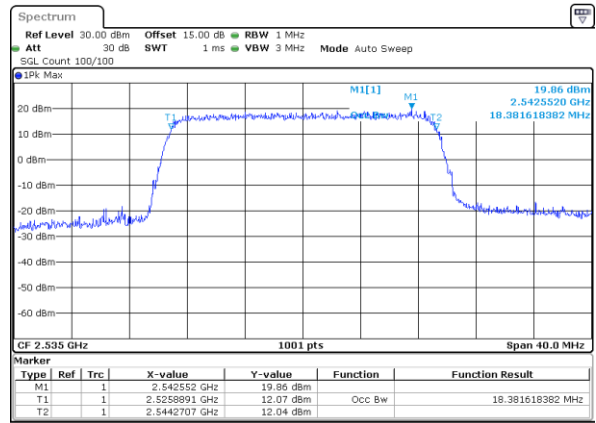
Date: 7 AUG 2019 11:16:02

Middle Channel / 20MHz / QPSK



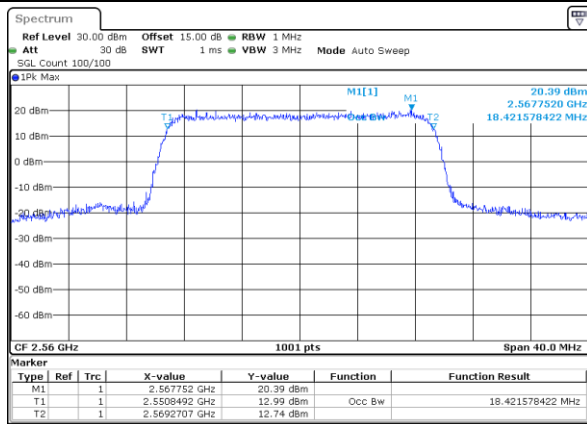
Date: 7 AUG 2019 11:15:42

Middle Channel / 20MHz / 16QAM



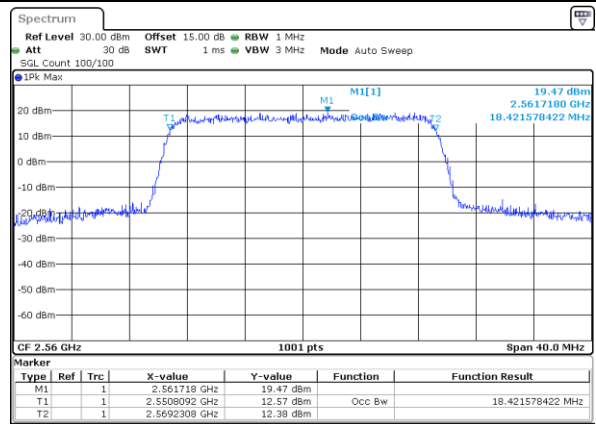
Date: 7 AUG 2019 11:16:12

Highest Channel / 20MHz / QPSK



Date: 7 AUG 2019 11:15:52

Highest Channel / 20MHz / 16QAM

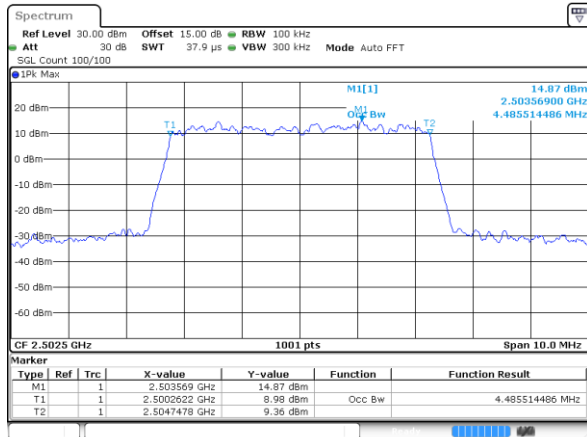


Date: 7 AUG 2019 11:16:22



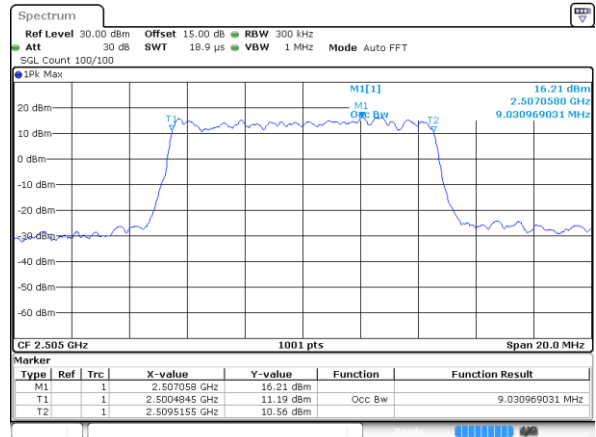
LTE Band 7

Lowest Channel / 5MHz / 64QAM



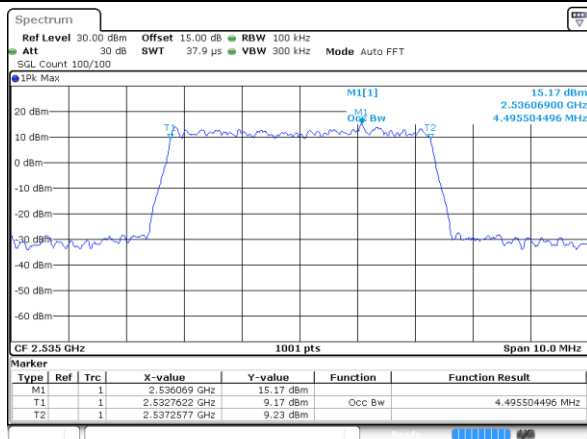
Date: 7 AUG 2019 13:52:27

Lowest Channel / 10MHz / 64QAM



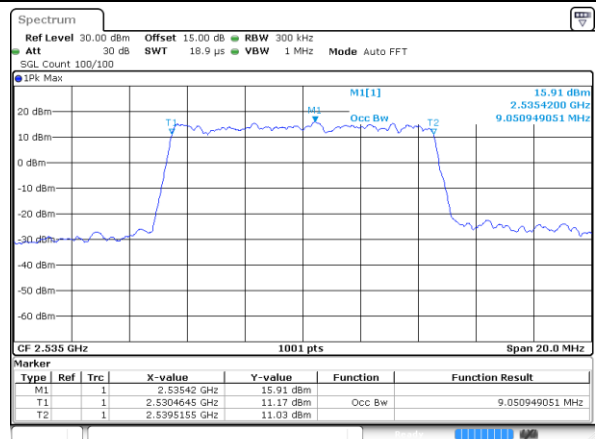
Date: 7 AUG 2019 13:52:56

Middle Channel / 5MHz / 64QAM



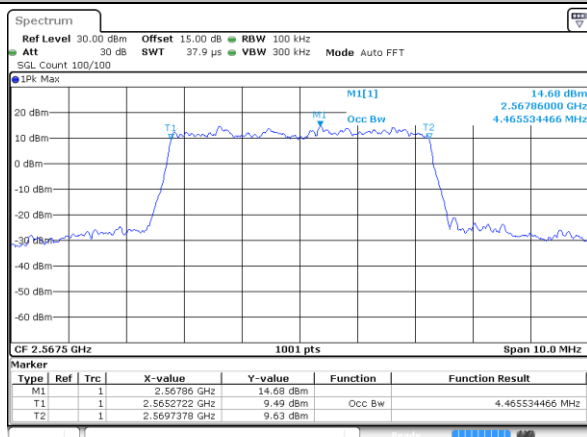
Date: 7 AUG 2019 13:52:37

Middle Channel / 10MHz / 64QAM



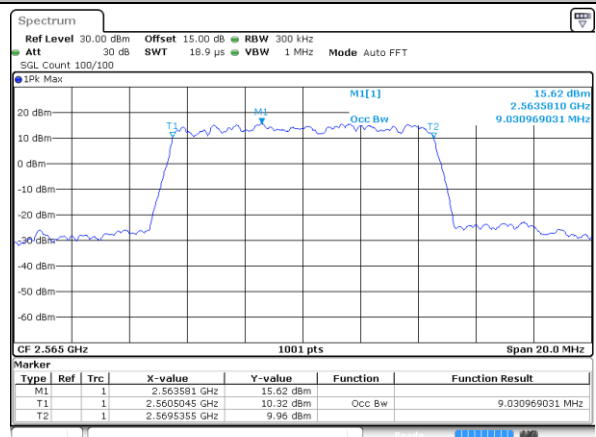
Date: 7 AUG 2019 13:53:06

Highest Channel / 5MHz / 64QAM



Date: 7 AUG 2019 13:52:46

Highest Channel / 10MHz / 64QAM

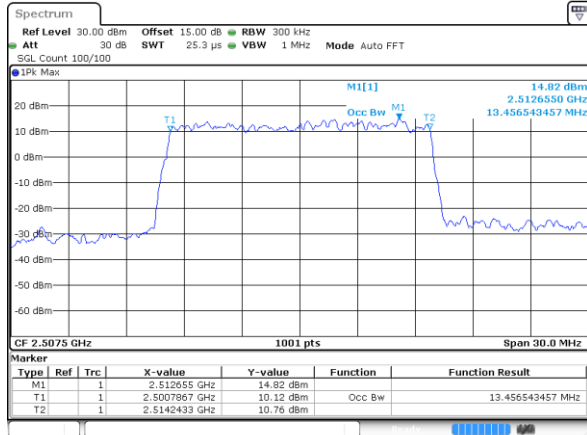


Date: 7 AUG 2019 13:53:16

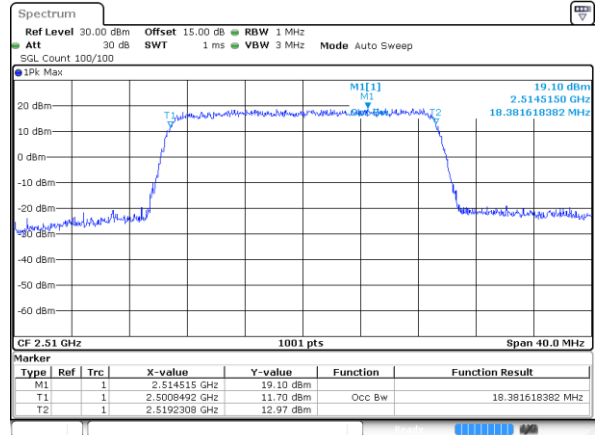


LTE Band 7

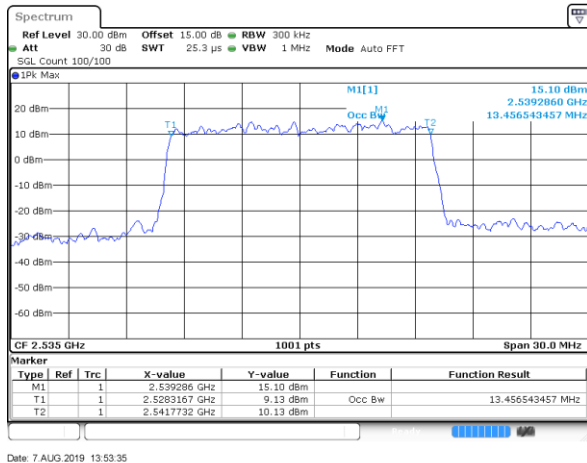
Lowest Channel / 15MHz / 64QAM



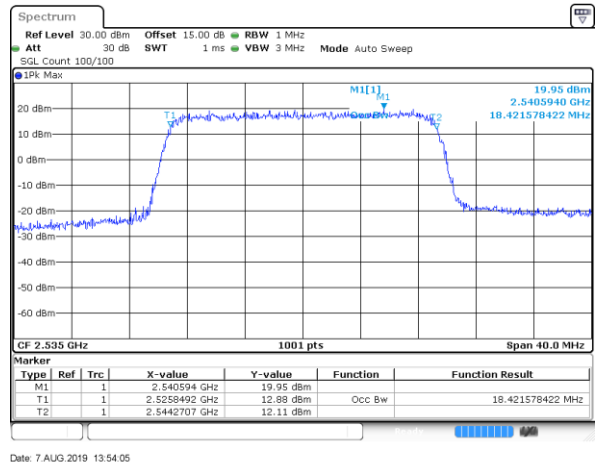
Lowest Channel / 20MHz / 64QAM



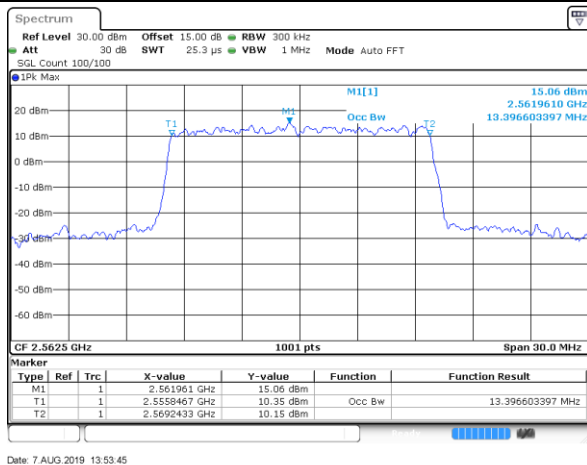
Middle Channel / 15MHz / 64QAM



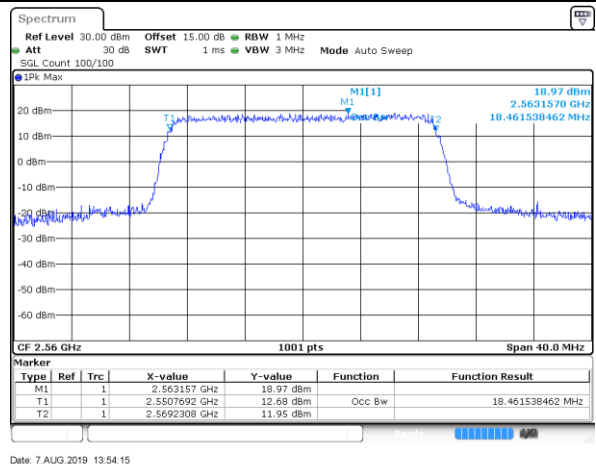
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



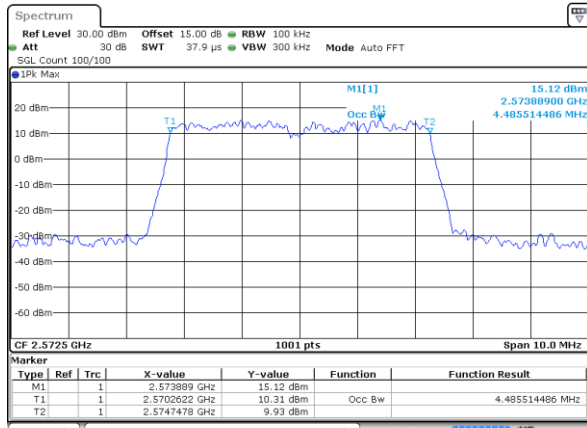
Highest Channel / 20MHz / 64QAM





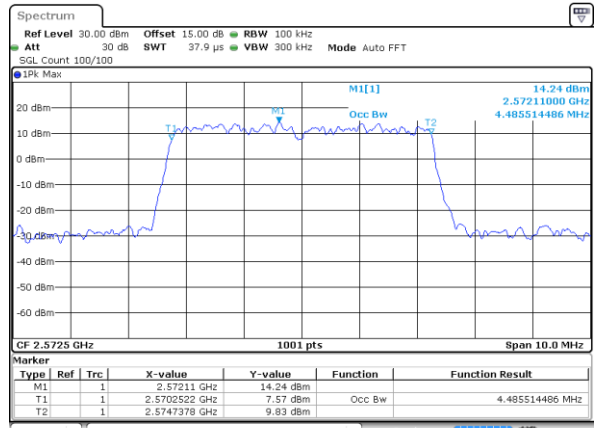
LTE Band 38

Lowest Channel / 5MHz / QPSK



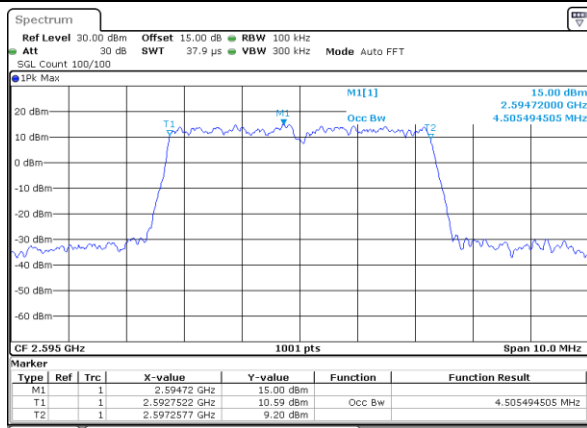
Date: 18 JUL 2019 16:43:47

Lowest Channel / 5MHz / 16QAM



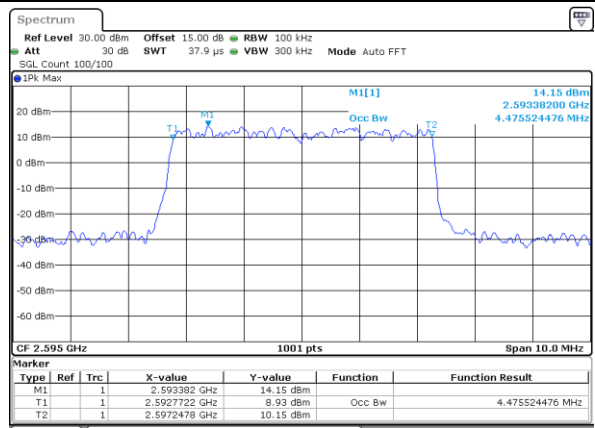
Date: 18 JUL 2019 16:34:44

Middle Channel / 5MHz / QPSK



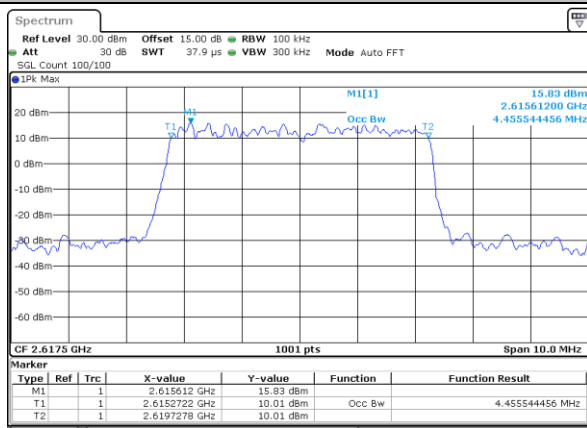
Date: 18 JUL 2019 16:35:16

Middle Channel / 5MHz / 16QAM



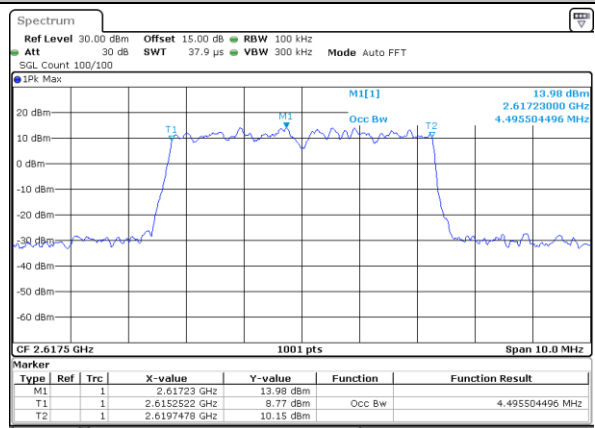
Date: 18 JUL 2019 16:35:27

Highest Channel / 5MHz / QPSK



Date: 18 JUL 2019 16:35:59

Highest Channel / 5MHz / 16QAM

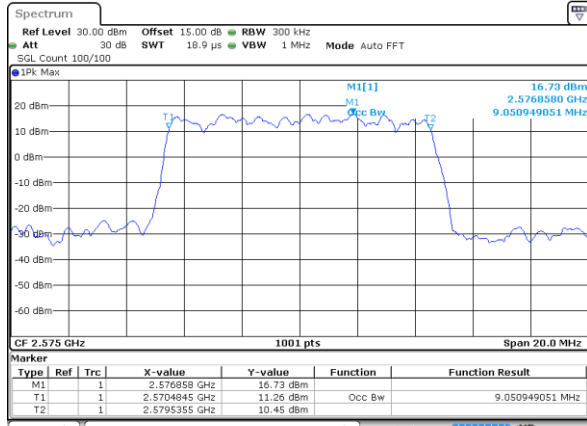


Date: 18 JUL 2019 16:36:09



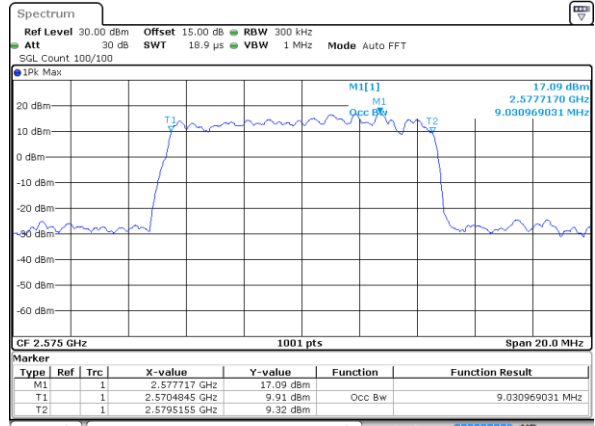
LTE Band 38

Lowest Channel / 10MHz / QPSK



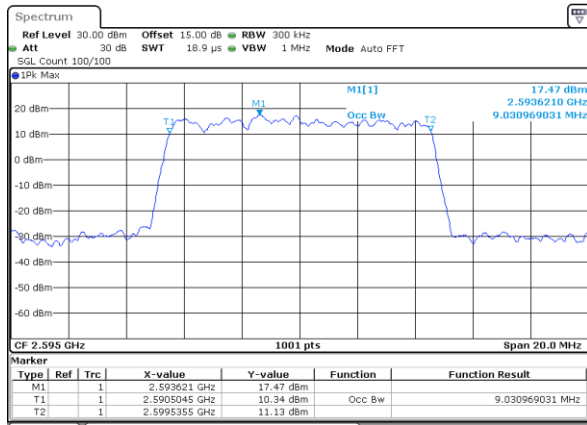
Date: 18 JUL 2019 16:12:56

Lowest Channel / 10MHz / 16QAM



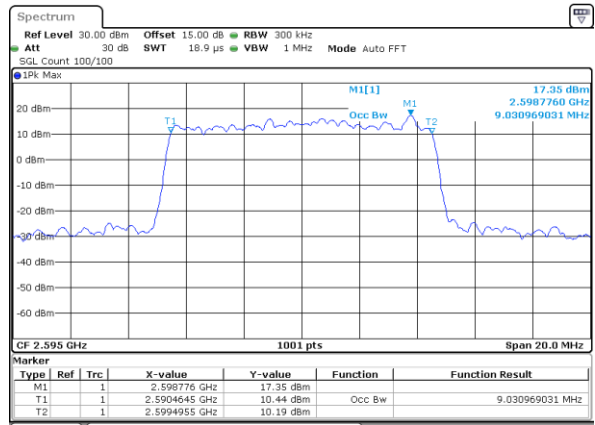
Date: 18 JUL 2019 16:13:07

Middle Channel / 10MHz / QPSK



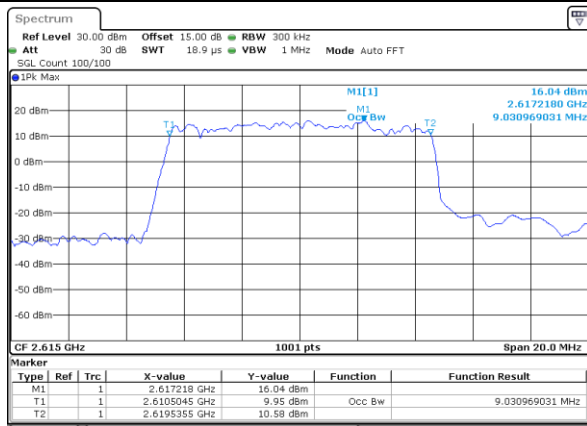
Date: 18 JUL 2019 16:20:05

Middle Channel / 10MHz / 16QAM



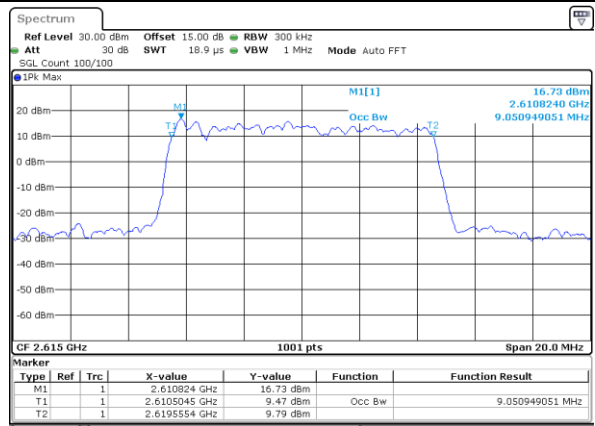
Date: 18 JUL 2019 16:20:16

Highest Channel / 10MHz / QPSK



Date: 18 JUL 2019 16:22:36

Highest Channel / 10MHz / 16QAM

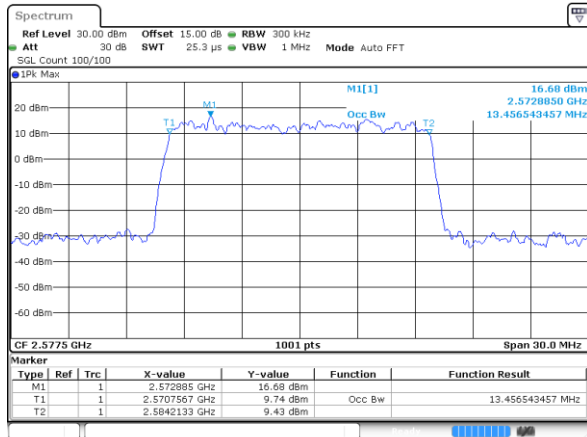


Date: 18 JUL 2019 16:22:46



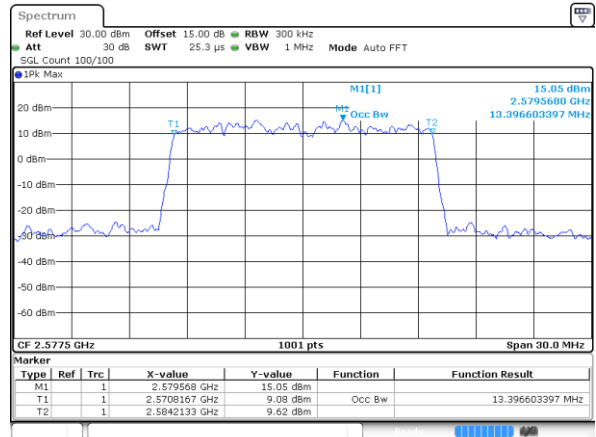
LTE Band 38

Lowest Channel / 15MHz / QPSK



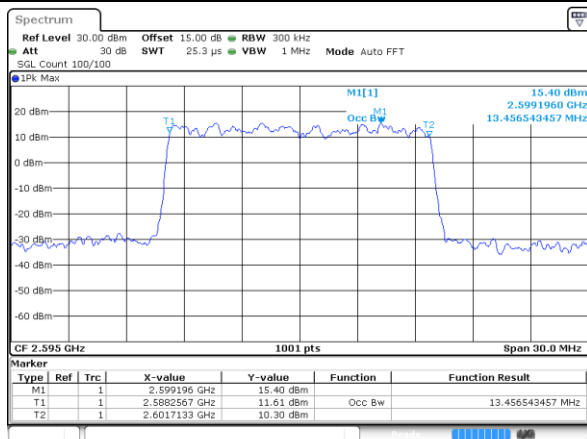
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Lowest Channel / 15MHz / 16QAM



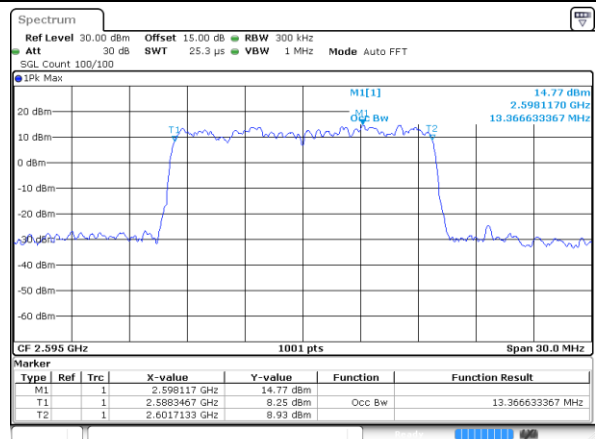
Date: 18 JUL 2019 16:29:55

Middle Channel / 15MHz / QPSK



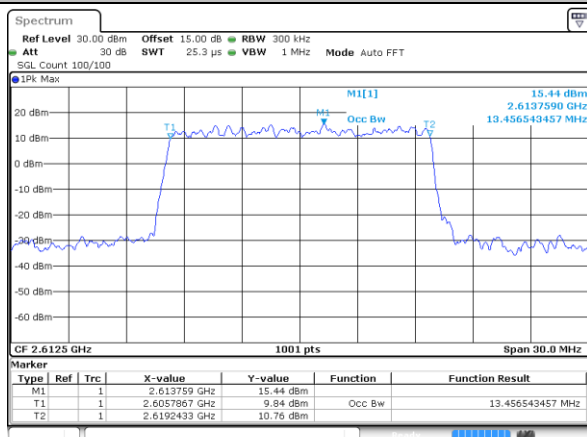
Date: 18 JUL 2019 16:44:46

Middle Channel / 15MHz / 16QAM



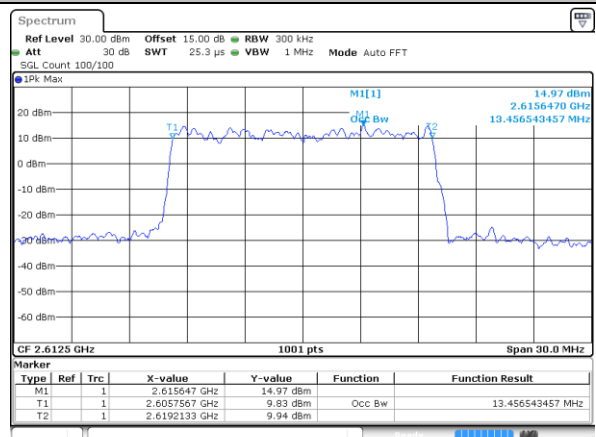
Date: 18 JUL 2019 16:36:41

Highest Channel / 15MHz / QPSK



Date: 18 JUL 2019 16:37:12

Highest Channel / 15MHz / 16QAM

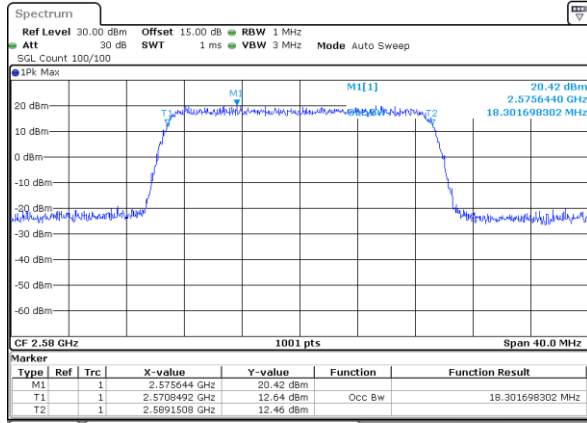


Date: 18 JUL 2019 16:37:23



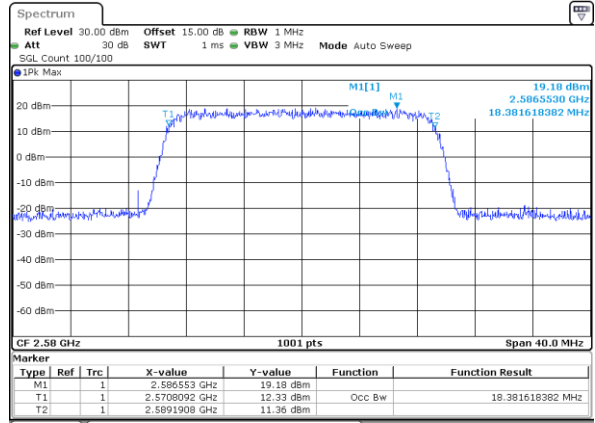
LTE Band 38

Lowest Channel / 20MHz / QPSK



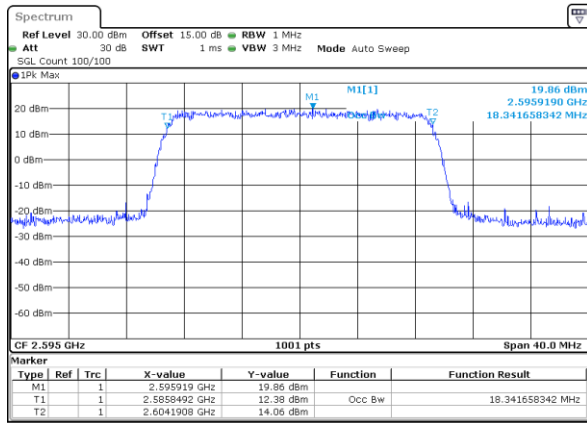
Date: 18 JUL 2019 16:37:54

Lowest Channel / 20MHz / 16QAM



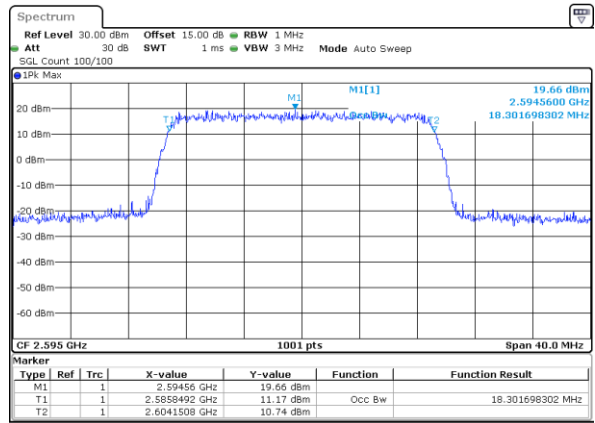
Date: 18 JUL 2019 16:38:05

Middle Channel / 20MHz / QPSK



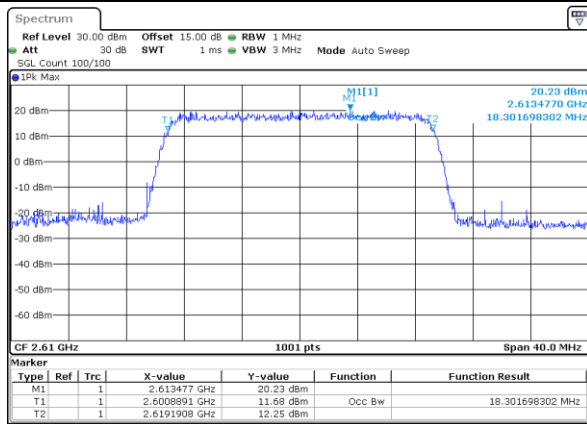
Date: 18 JUL 2019 16:38:37

Middle Channel / 20MHz / 16QAM



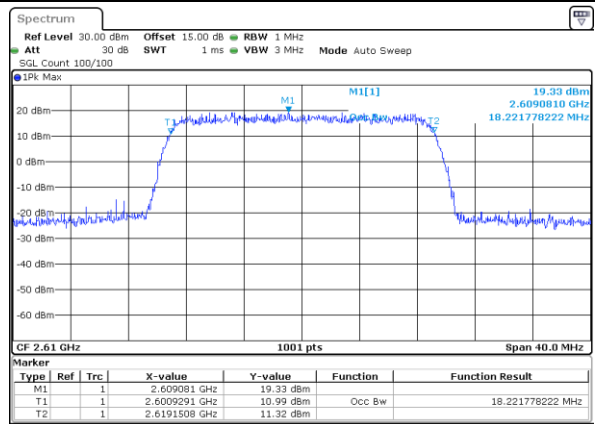
Date: 18 JUL 2019 16:38:47

Highest Channel / 20MHz / QPSK



Date: 18 JUL 2019 16:39:19

Highest Channel / 20MHz / 16QAM

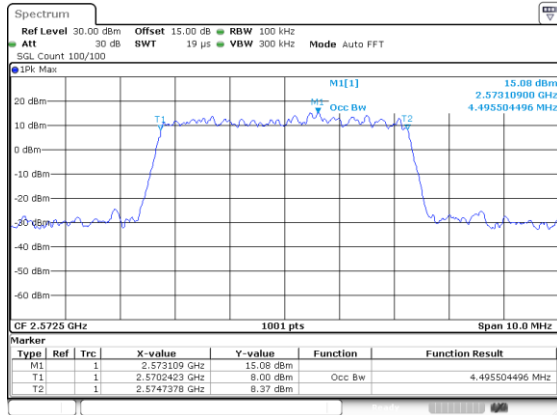


Date: 18 JUL 2019 16:39:30

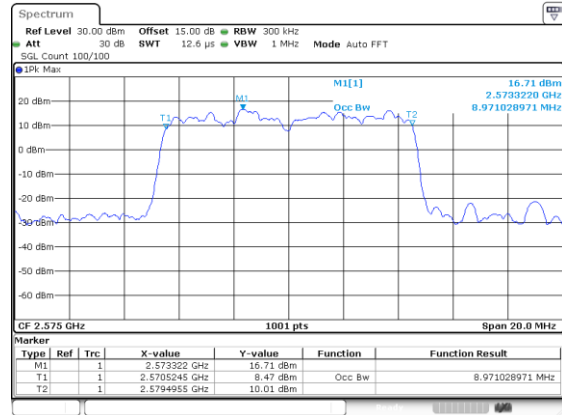


LTE Band 38

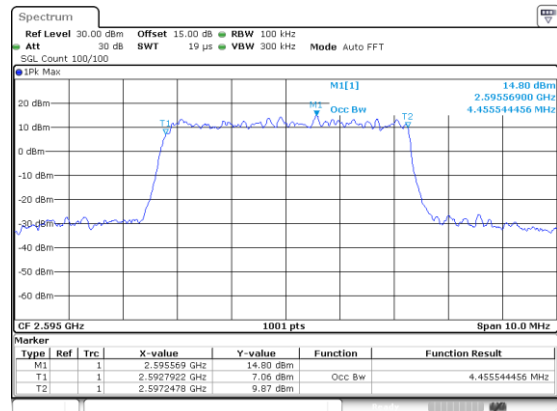
Lowest Channel / 5MHz / 64QAM



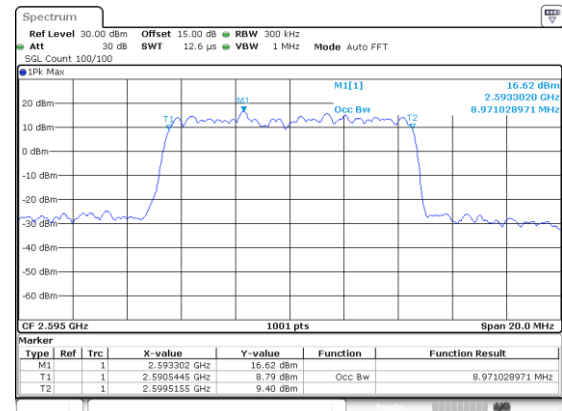
Lowest Channel / 10MHz / 64QAM



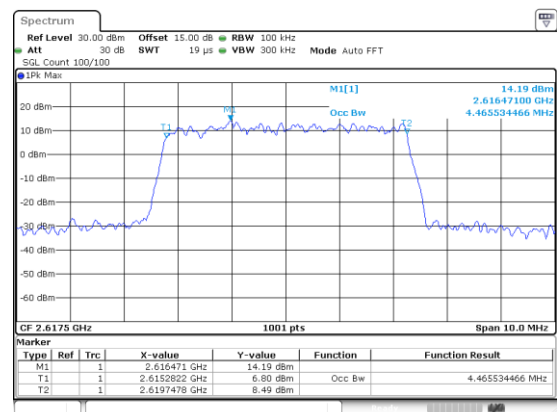
Middle Channel / 5MHz / 64QAM



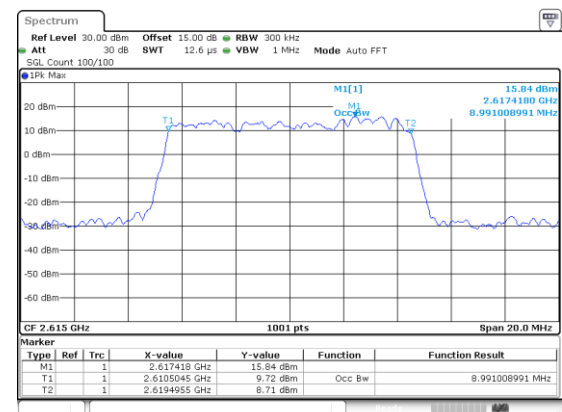
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



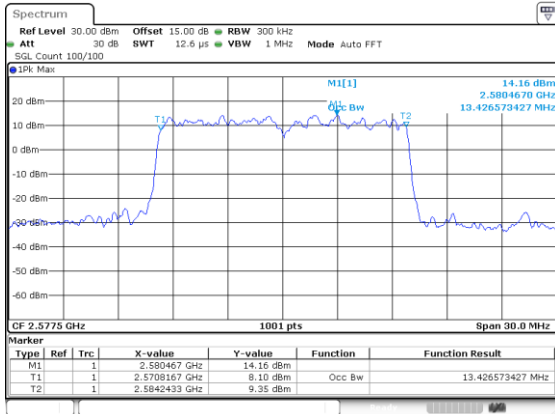
Highest Channel / 10MHz / 64QAM



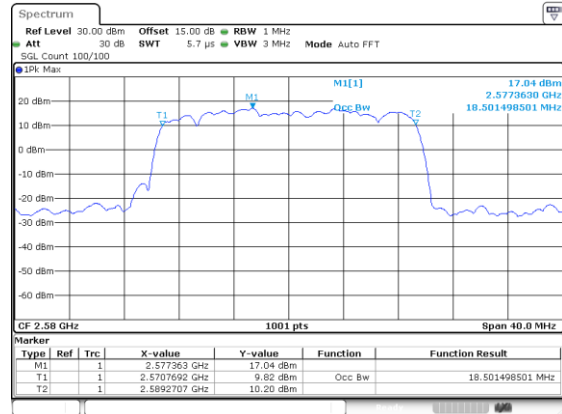


LTE Band 38

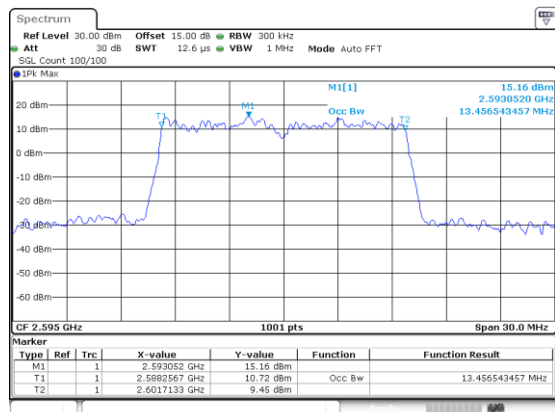
Lowest Channel / 15MHz / 64QAM



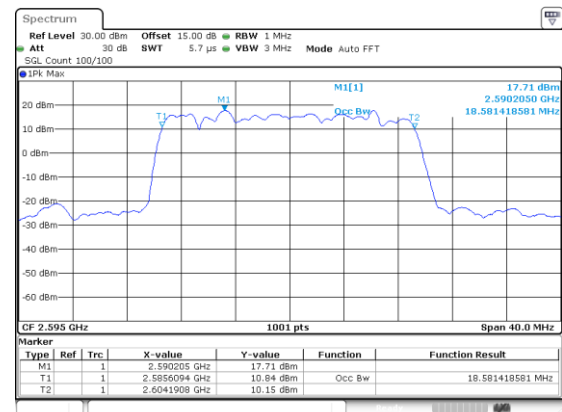
Lowest Channel / 20MHz / 64QAM



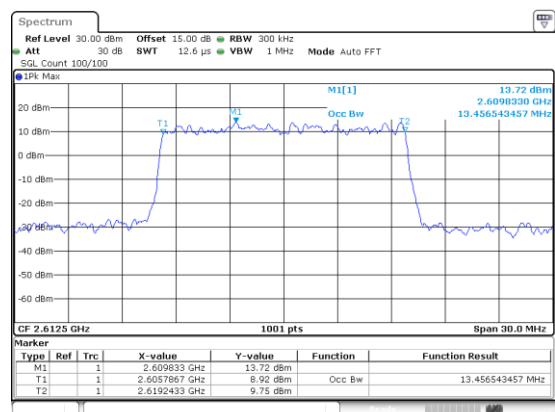
Middle Channel / 15MHz / 64QAM



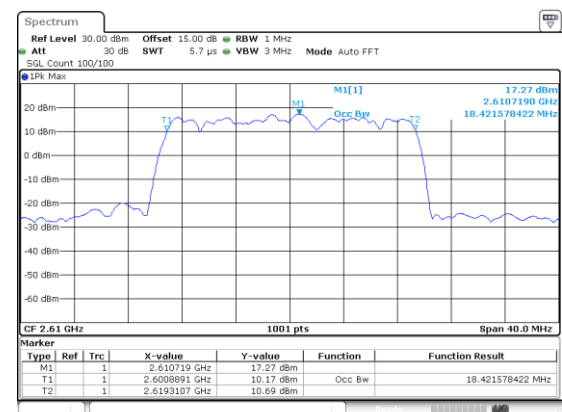
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



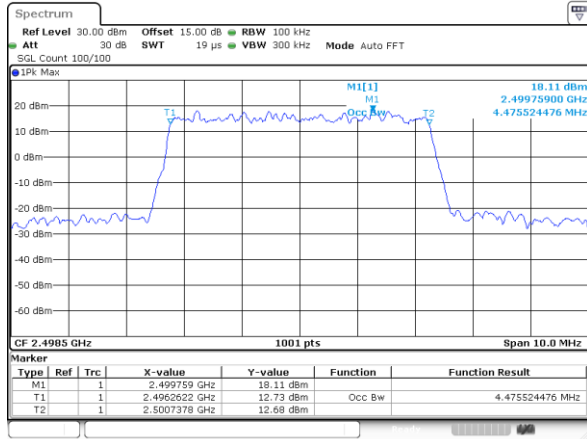
Highest Channel / 20MHz / 64QAM





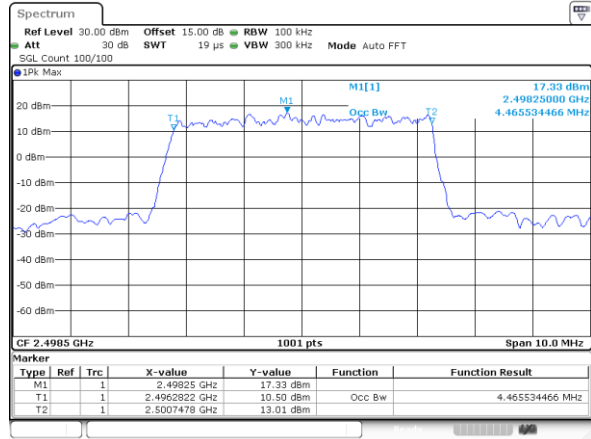
LTE Band 41

Lowest Channel / 5MHz / QPSK



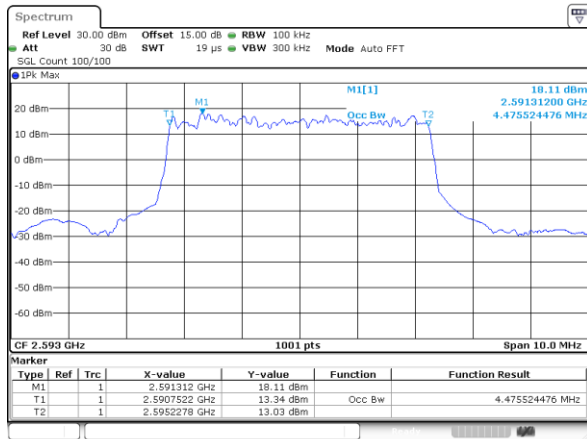
Date: 14.JUL.2019 00:17:06

Lowest Channel / 5MHz / 16QAM



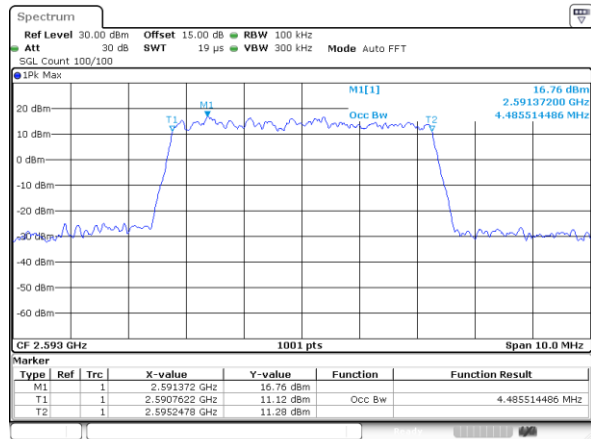
Date: 14.JUL.2019 00:17:38

Middle Channel / 5MHz / QPSK



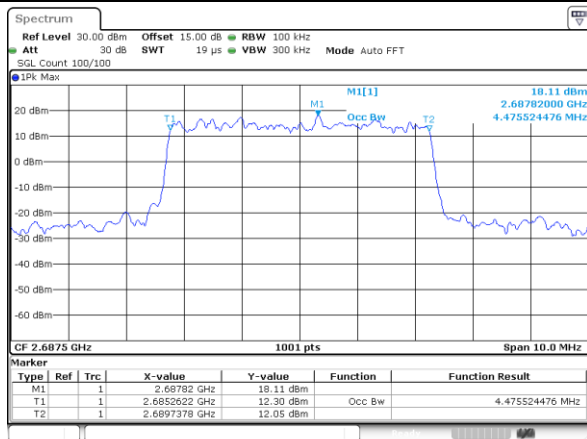
Date: 14.JUL.2019 00:17:17

Middle Channel / 5MHz / 16QAM



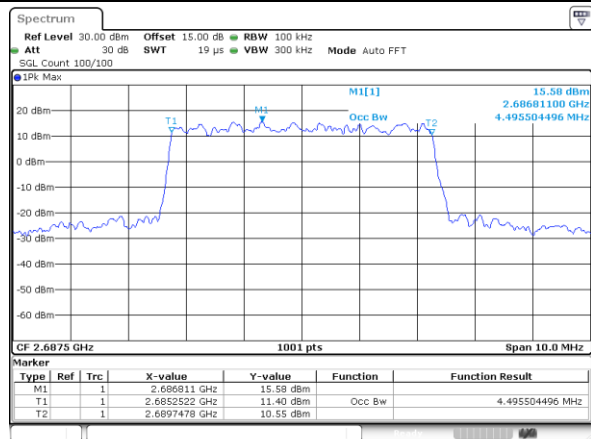
Date: 14.JUL.2019 00:17:48

Highest Channel / 5MHz / QPSK



Date: 14.JUL.2019 00:17:27

Highest Channel / 5MHz / 16QAM

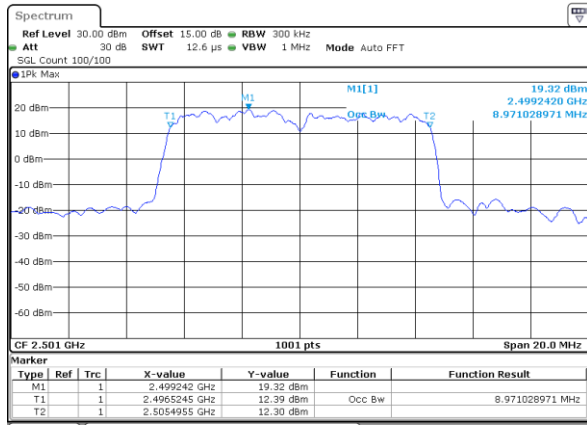


Date: 14.JUL.2019 00:17:58



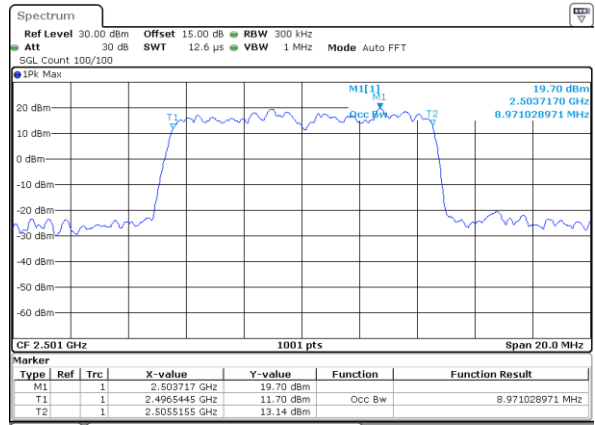
LTE Band 41

Lowest Channel / 10MHz / QPSK



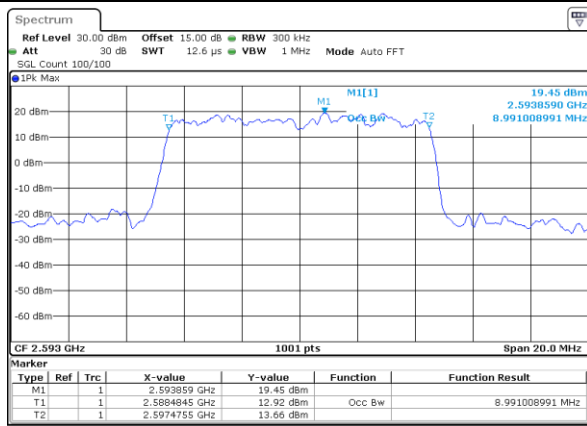
Date: 14.JUL.2019 00:24:41

Lowest Channel / 10MHz / 16QAM



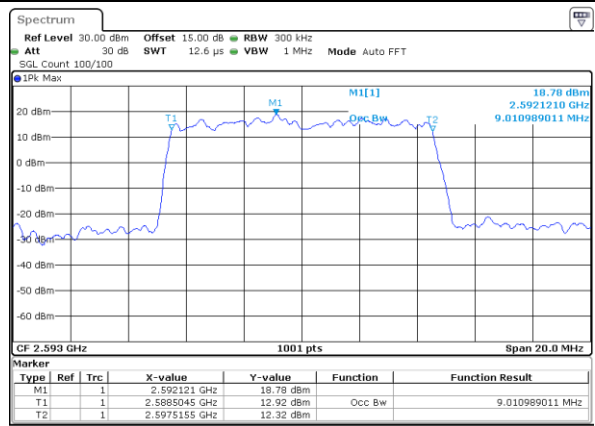
Date: 14.JUL.2019 00:25:132

Middle Channel / 10MHz / QPSK



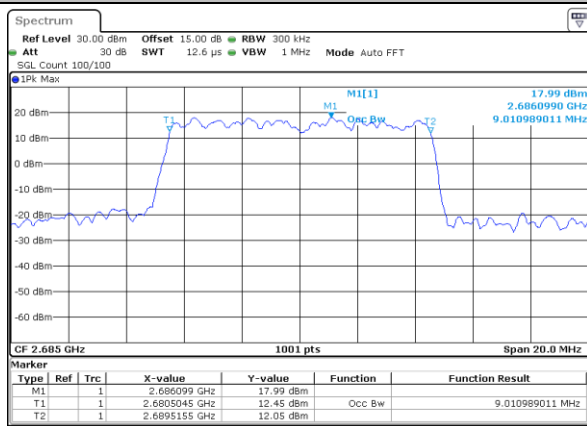
Date: 14.JUL.2019 00:24:51

Middle Channel / 10MHz / 16QAM



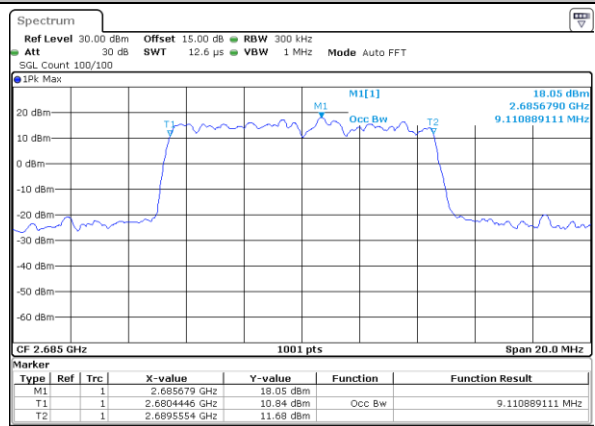
Date: 14.JUL.2019 00:25:112

Highest Channel / 10MHz / QPSK



Date: 14.JUL.2019 00:25:02

Highest Channel / 10MHz / 16QAM

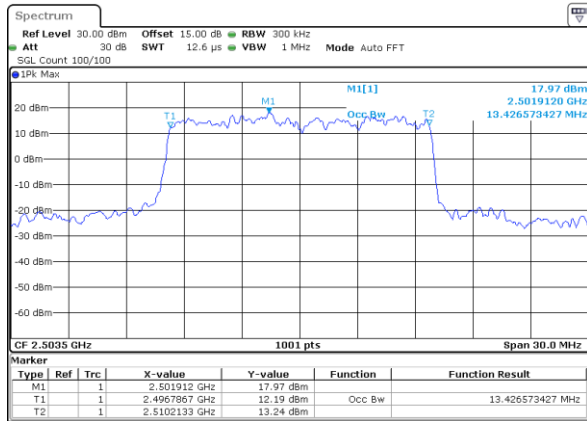


Date: 14.JUL.2019 00:25:122



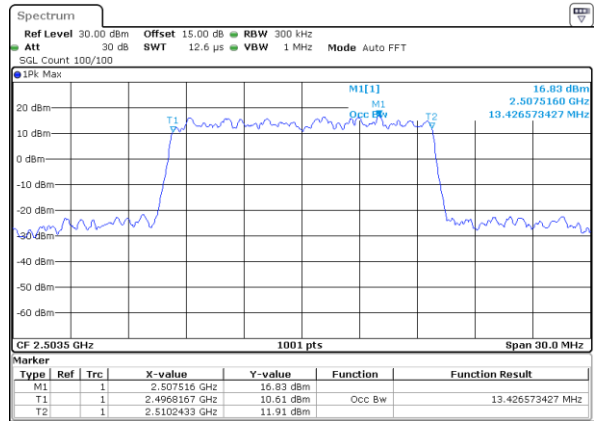
LTE Band 41

Lowest Channel / 15MHz / QPSK



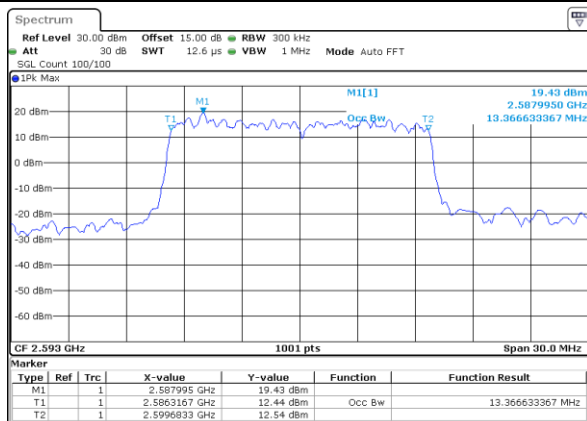
Date: 14.JUL.2019 00:32:16

Lowest Channel / 15MHz / 16QAM



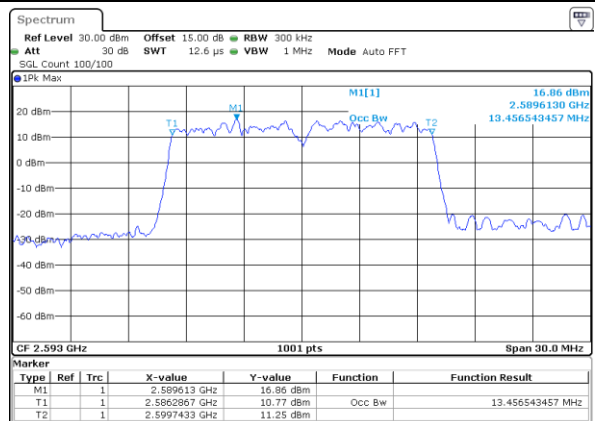
Date: 14.JUL.2019 00:32:47

Middle Channel / 15MHz / QPSK



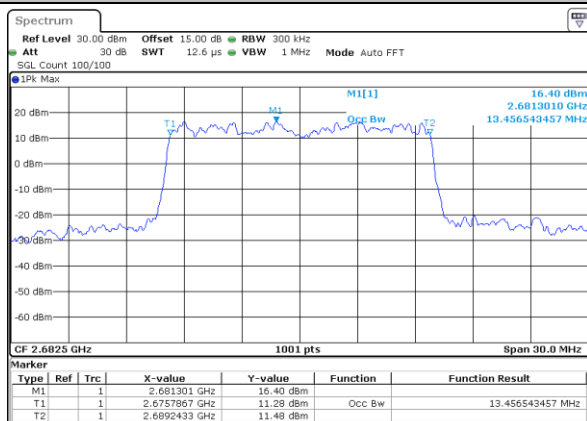
Date: 14.JUL.2019 00:32:26

Middle Channel / 15MHz / 16QAM



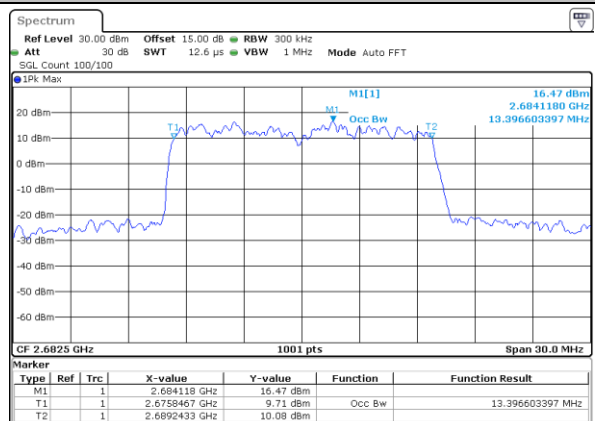
Date: 14.JUL.2019 00:32:57

Highest Channel / 15MHz / QPSK



Date: 14.JUL.2019 00:32:37

Highest Channel / 15MHz / 16QAM

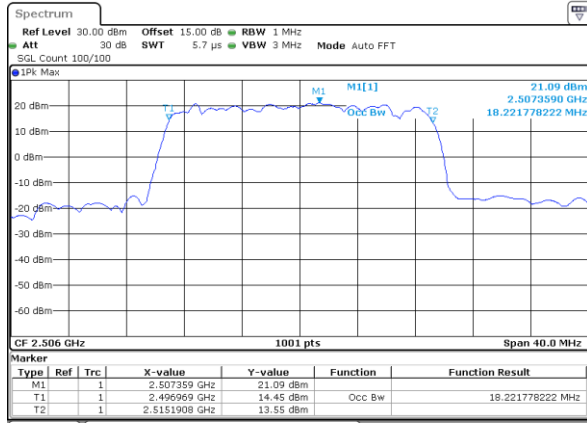


Date: 14.JUL.2019 00:33:07



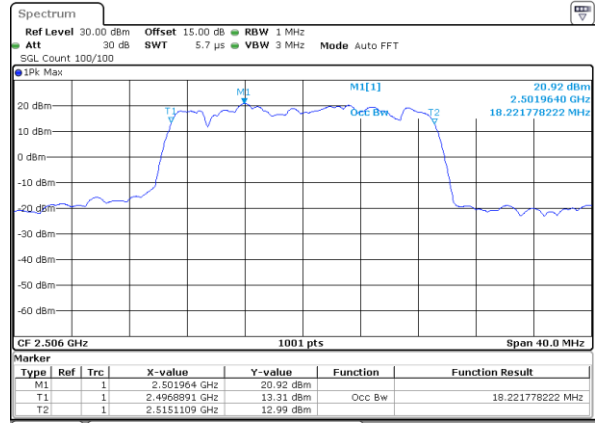
LTE Band 41

Lowest Channel / 20MHz / QPSK



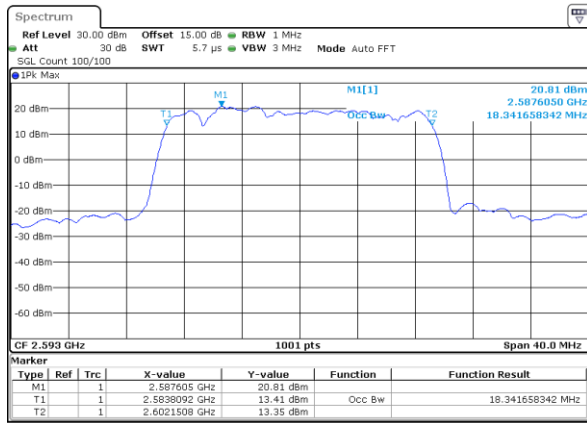
Date: 14.JUL.2019 00:39:51

Lowest Channel / 20MHz / 16QAM



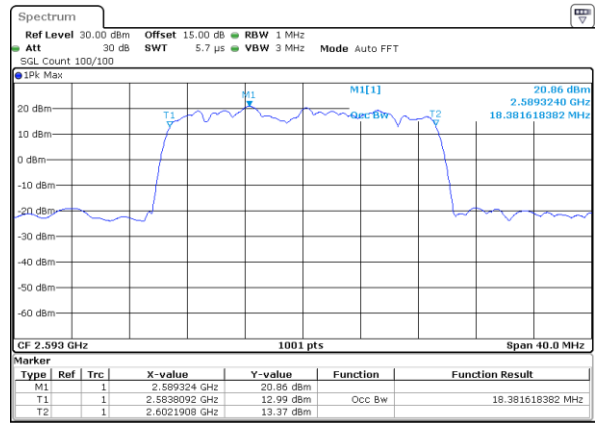
Date: 14.JUL.2019 00:40:22

Middle Channel / 20MHz / QPSK



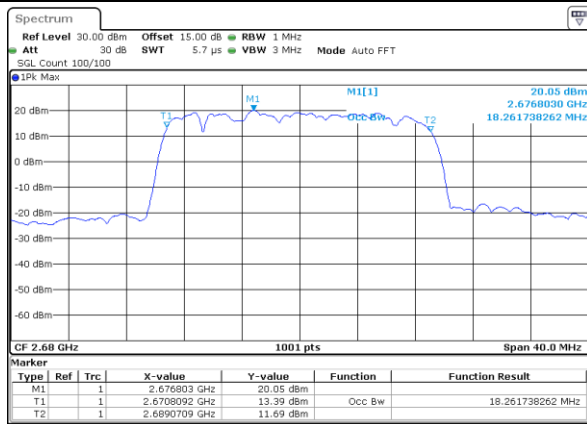
Date: 14.JUL.2019 00:40:02

Middle Channel / 20MHz / 16QAM



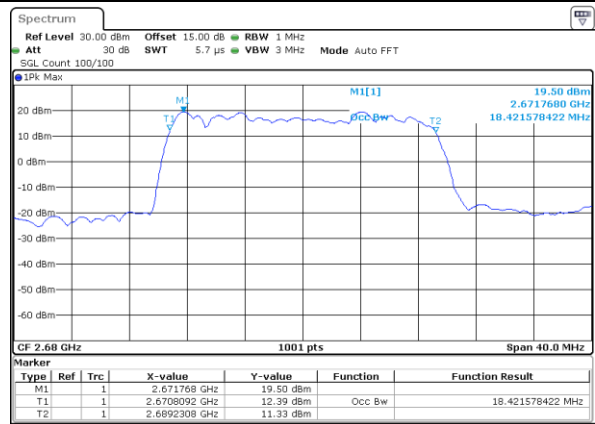
Date: 14.JUL.2019 00:40:33

Highest Channel / 20MHz / QPSK



Date: 14.JUL.2019 00:40:12

Highest Channel / 20MHz / 16QAM

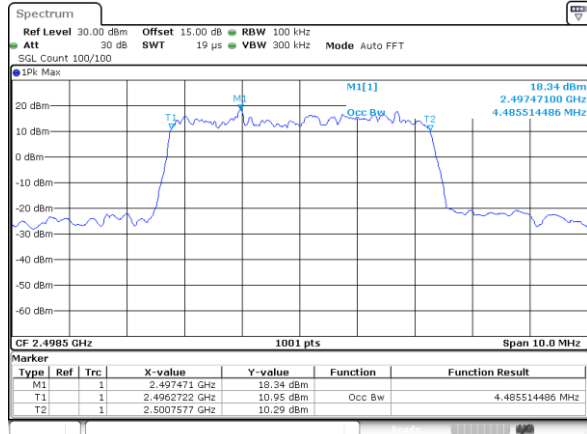


Date: 14.JUL.2019 00:40:43

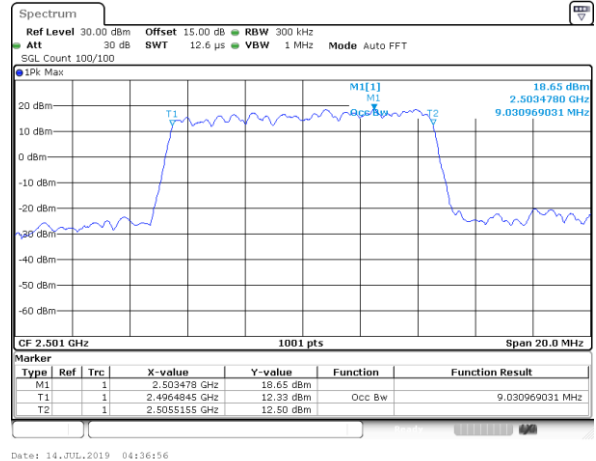


LTE Band 41

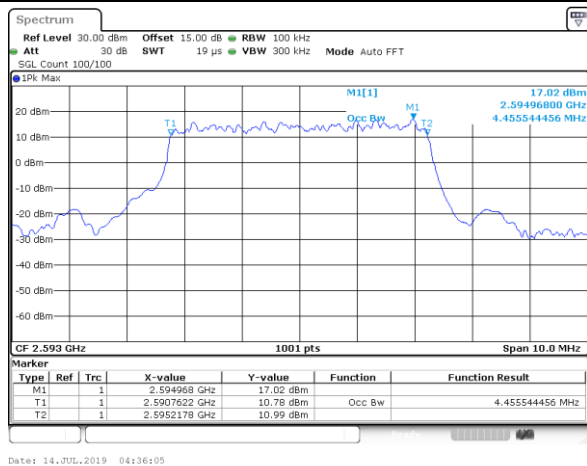
Lowest Channel / 5MHz / 64QAM



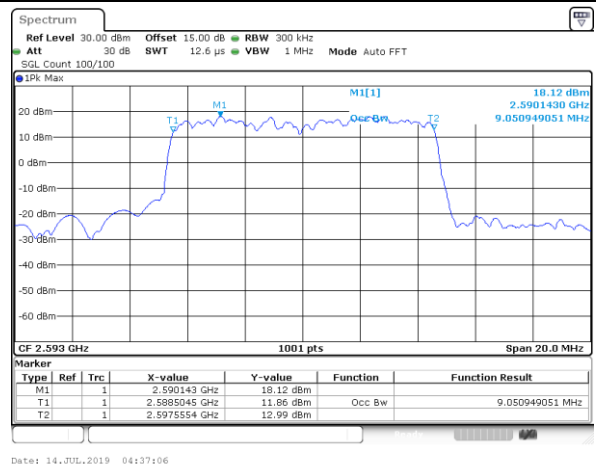
Lowest Channel / 10MHz / 64QAM



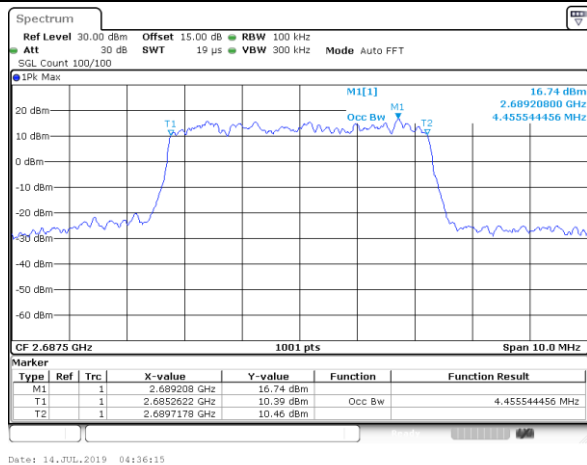
Middle Channel / 5MHz / 64QAM



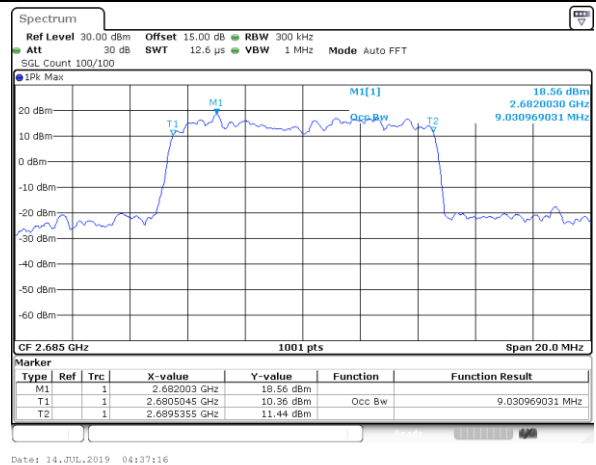
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



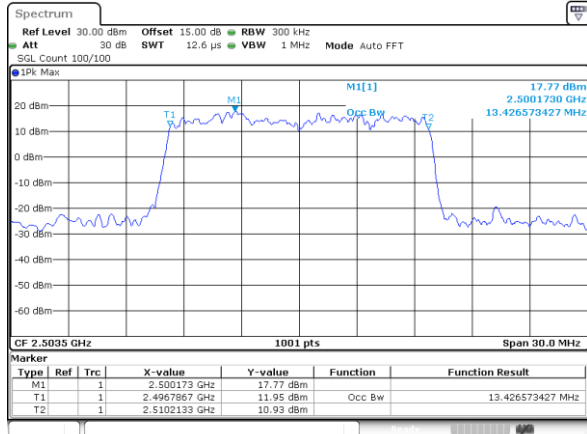
Highest Channel / 10MHz / 64QAM



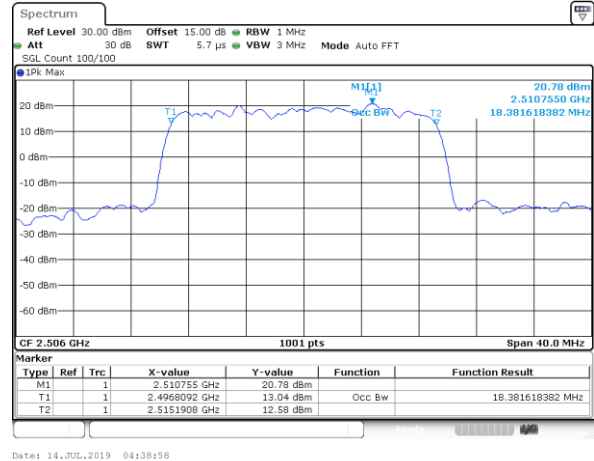


LTE Band 41

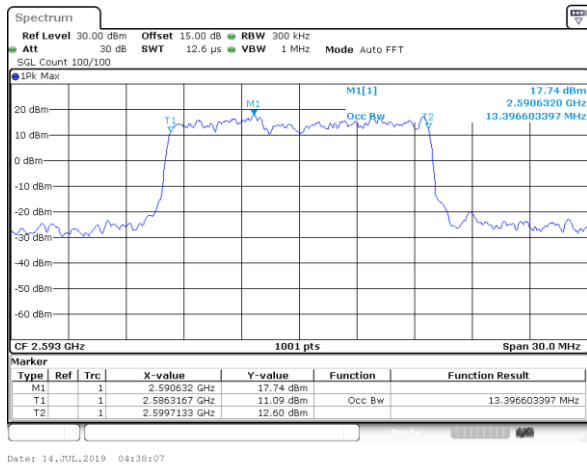
Lowest Channel / 15MHz / 64QAM



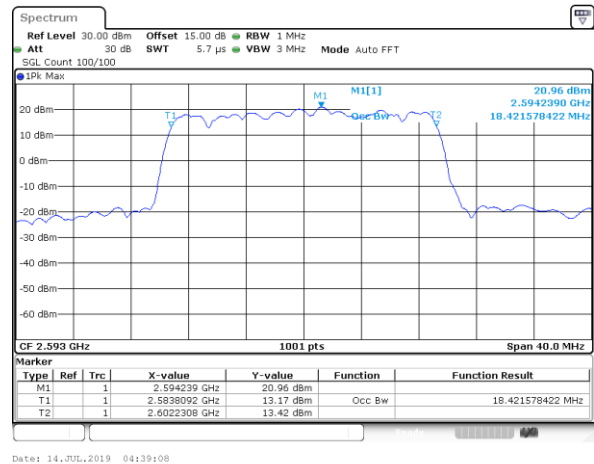
Lowest Channel / 20MHz / 64QAM



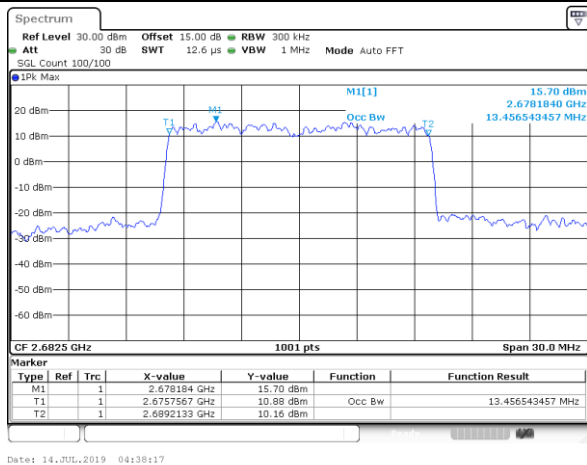
Middle Channel / 15MHz / 64QAM



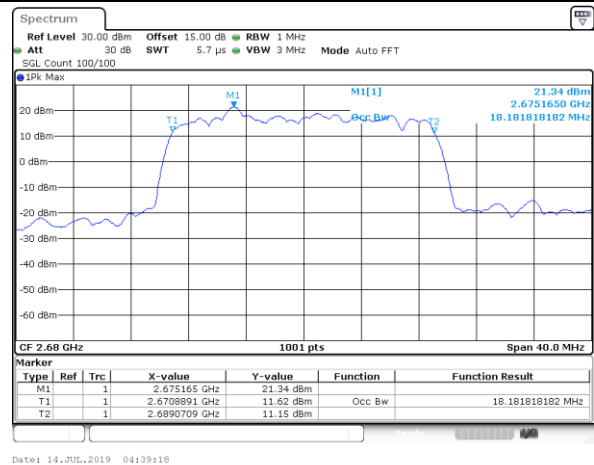
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



Highest Channel / 20MHz / 64QAM

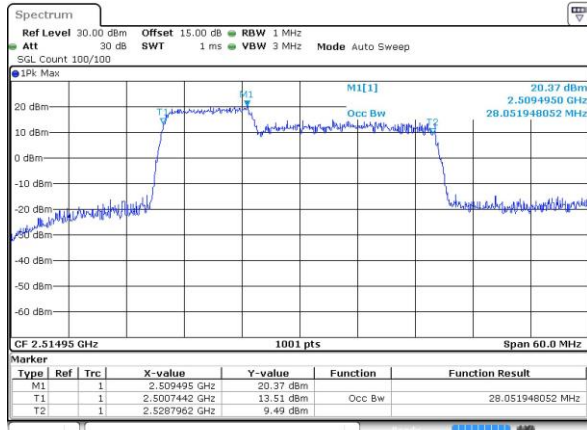




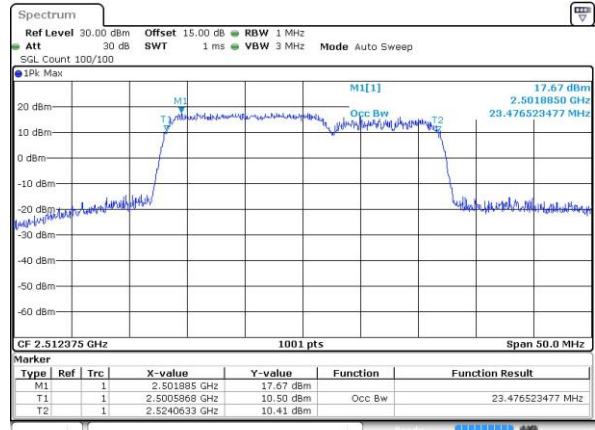
LTE Band 7C_CA

QPSK

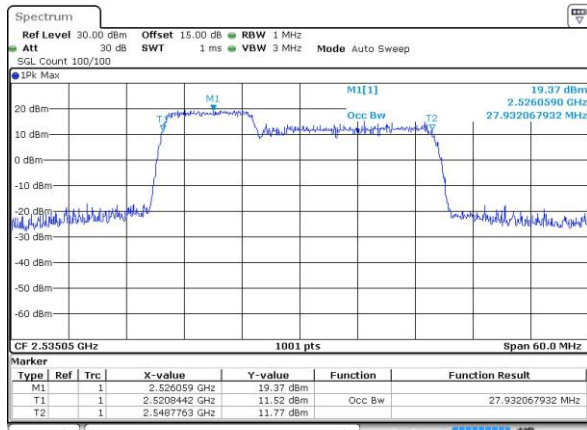
Lowest Channel / 10MHz+20MHz



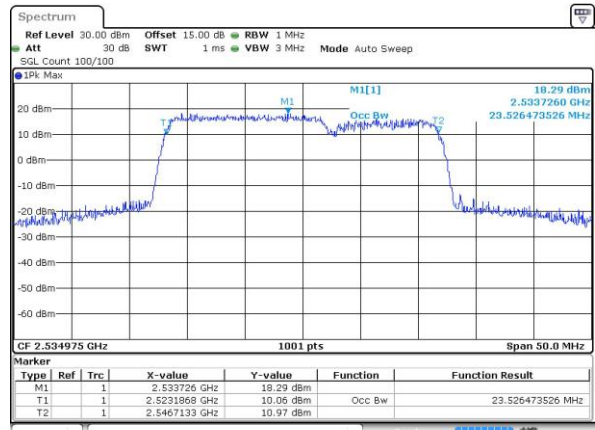
Lowest Channel / 15MHz+10MHz



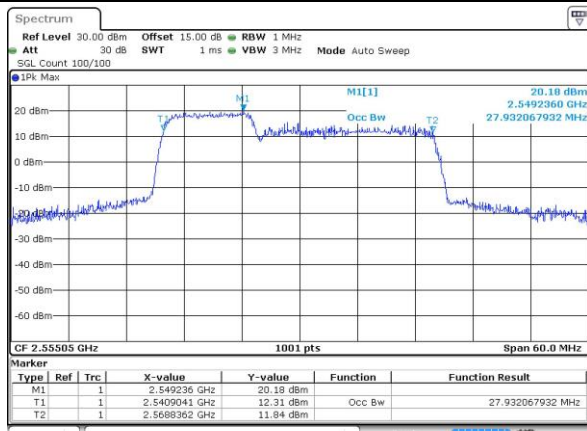
Middle Channel / 10MHz+20MHz



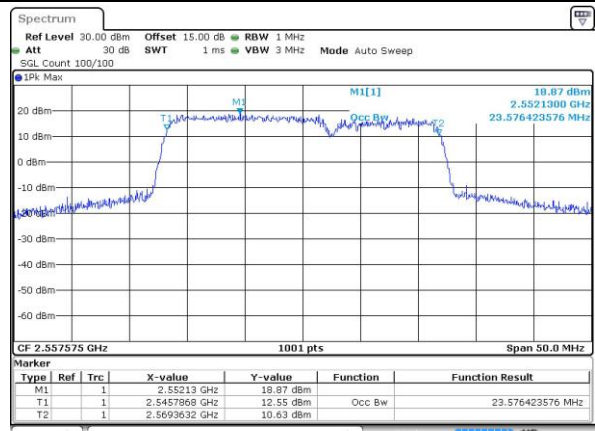
Middle Channel / 15MHz+10MHz



Highest Channel / 10MHz+20MHz



Highest Channel / 15MHz+10MHz

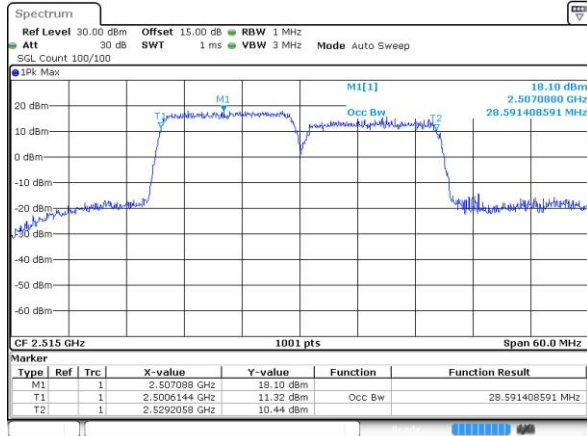




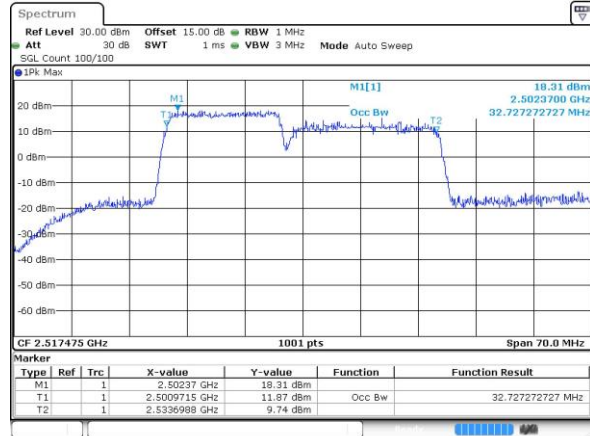
LTE Band 7C_CA

QPSK

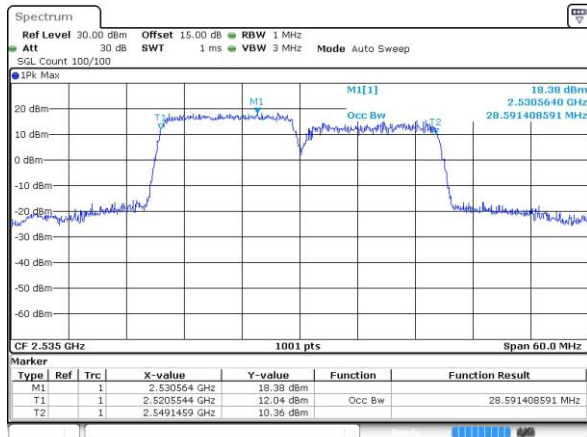
Lowest Channel / 15MHz+15MHz



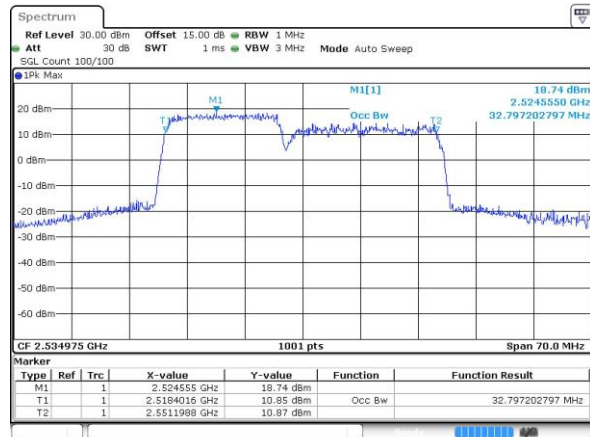
Lowest Channel / 15MHz+20MHz



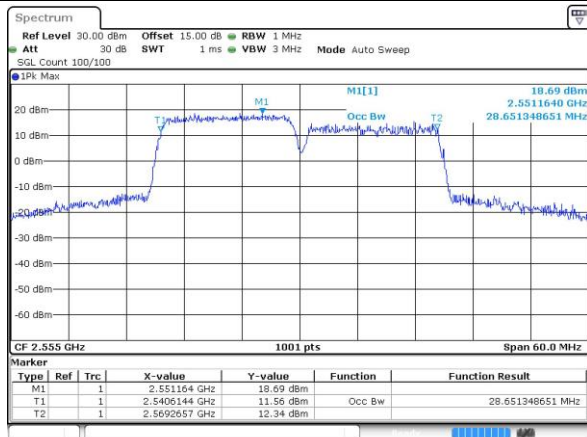
Middle Channel / 15MHz+15MHz



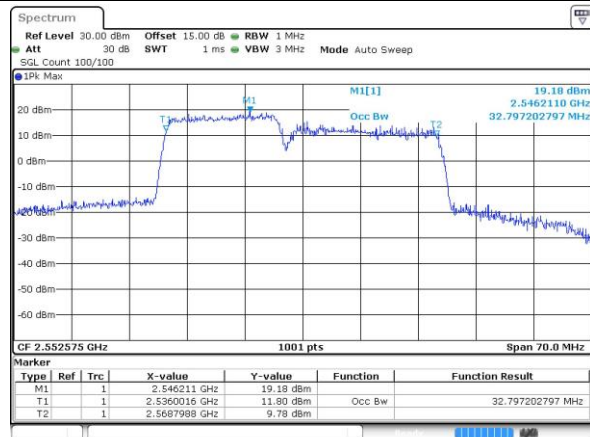
Middle Channel / 15MHz+20MHz



Highest Channel / 15MHz+15MHz



Highest Channel / 15MHz+20MHz

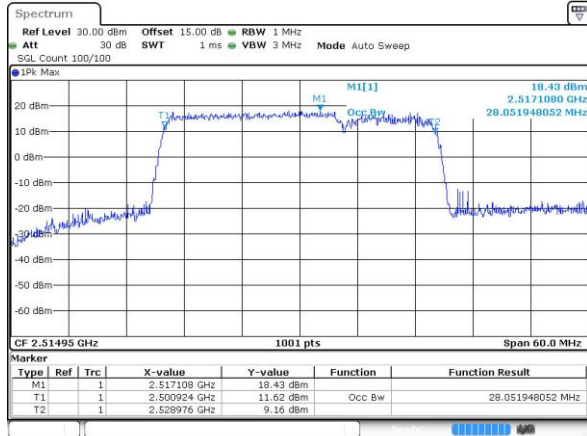




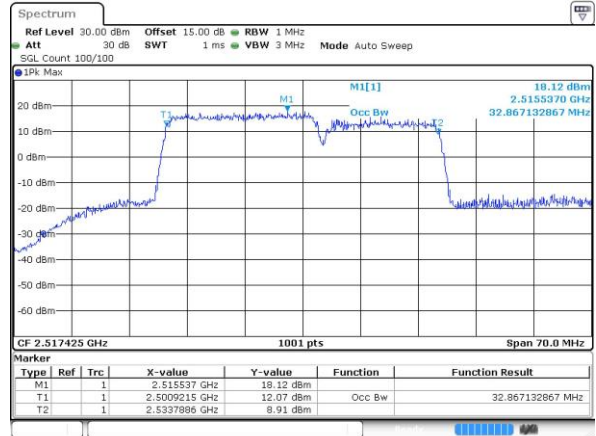
LTE Band 7C_CA

QPSK

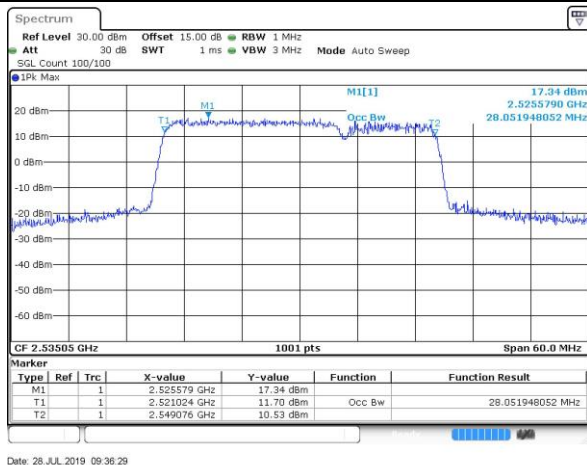
Lowest Channel / 20MHz+10MHz



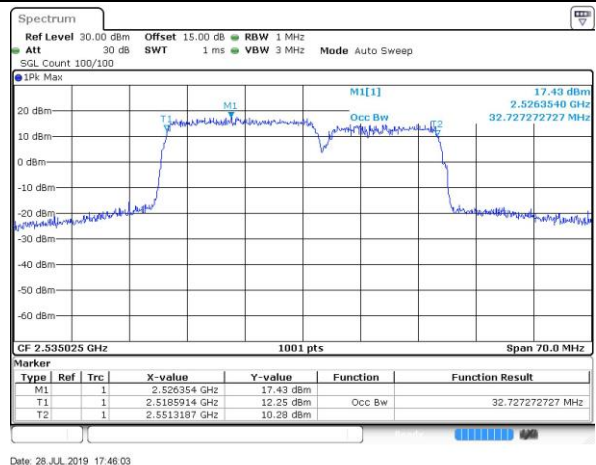
Lowest Channel / 20MHz+15MHz



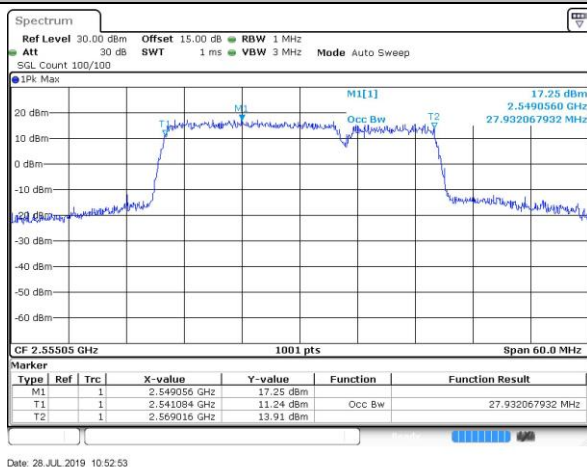
Middle Channel / 20MHz+10MHz



Middle Channel / 20MHz+15MHz



Highest Channel / 20MHz+10MHz



Highest Channel / 20MHz+15MHz

