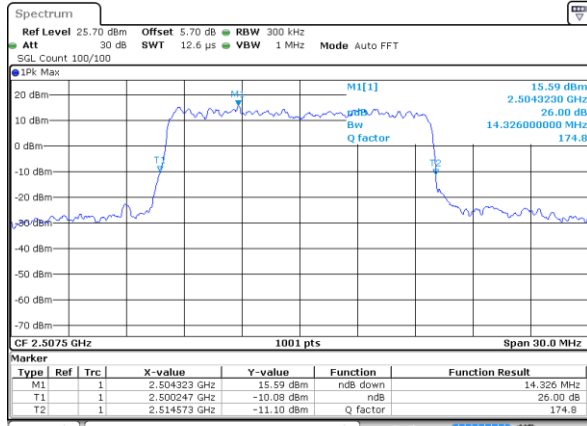




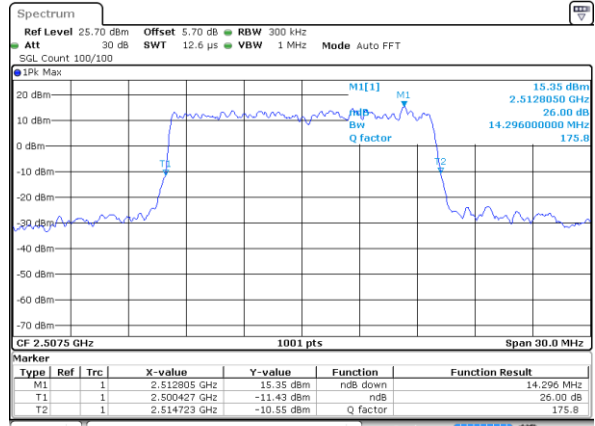
LTE Band 7

Lowest Channel / 15MHz / QPSK



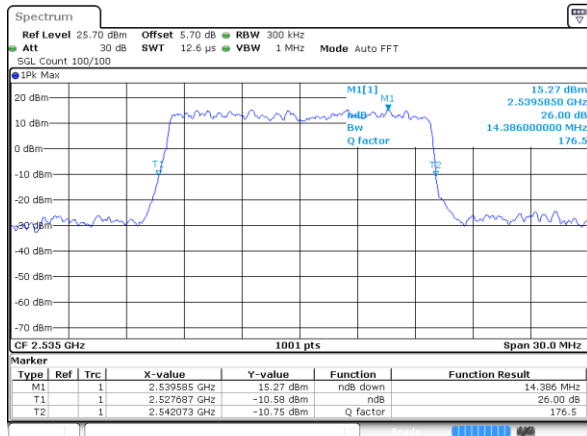
Date: 6 MAR 2019 11:05:13

Lowest Channel / 15MHz / 16QAM



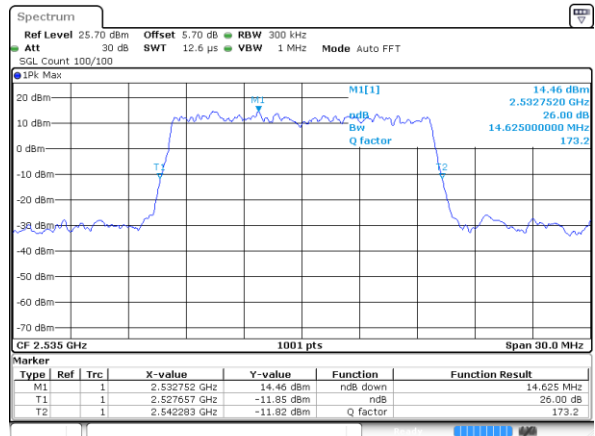
Date: 6 MAR 2019 11:04:53

Middle Channel / 15MHz / QPSK



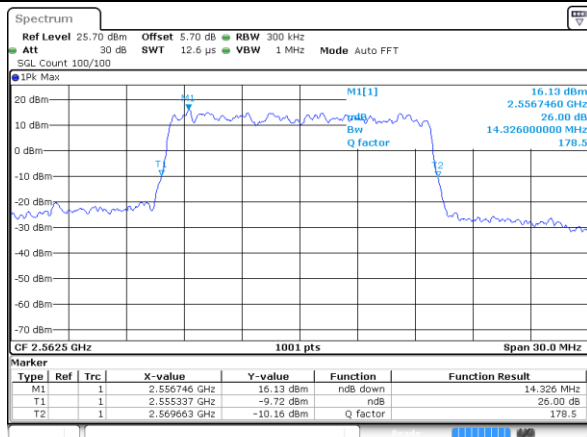
Date: 6 MAR 2019 11:05:33

Middle Channel / 15MHz / 16QAM



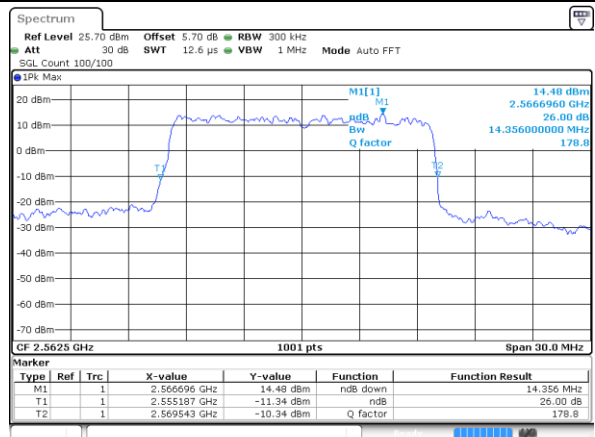
Date: 6 MAR 2019 11:05:53

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2019 11:06:33

Highest Channel / 15MHz / 16QAM

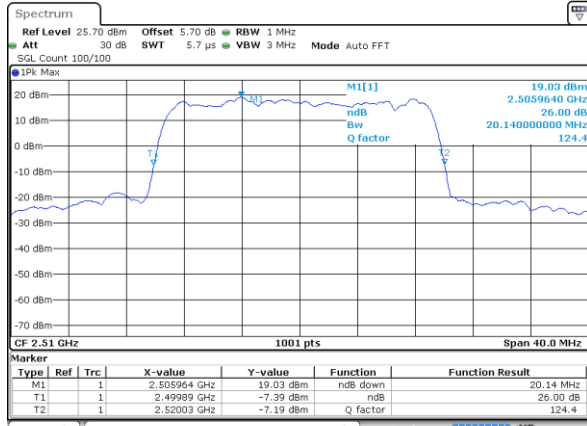


Date: 6 MAR 2019 11:06:13



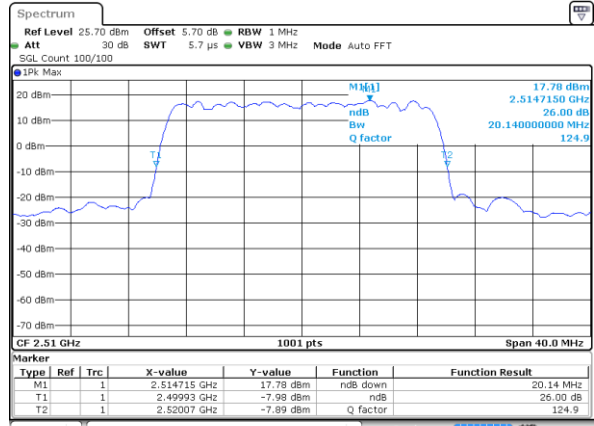
LTE Band 7

Lowest Channel / 20MHz / QPSK



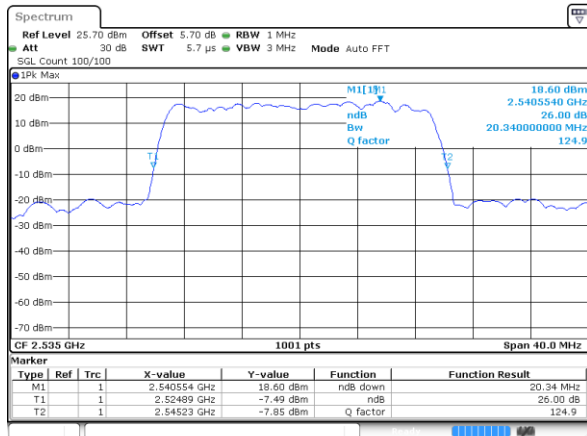
Date: 6 MAR 2019 11:16:19

Lowest Channel / 20MHz / 16QAM



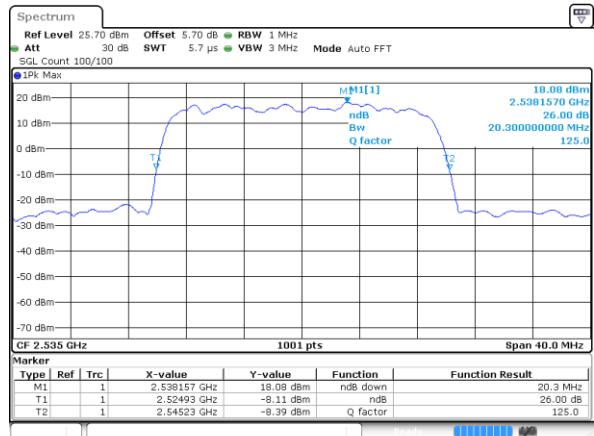
Date: 6 MAR 2019 11:15:59

Middle Channel / 20MHz / QPSK



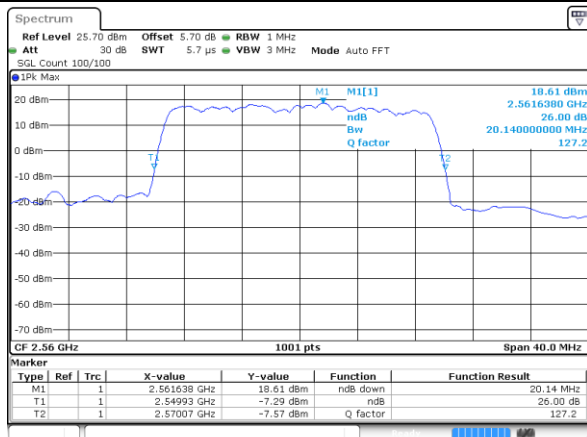
Date: 6 MAR 2019 11:16:39

Middle Channel / 20MHz / 16QAM



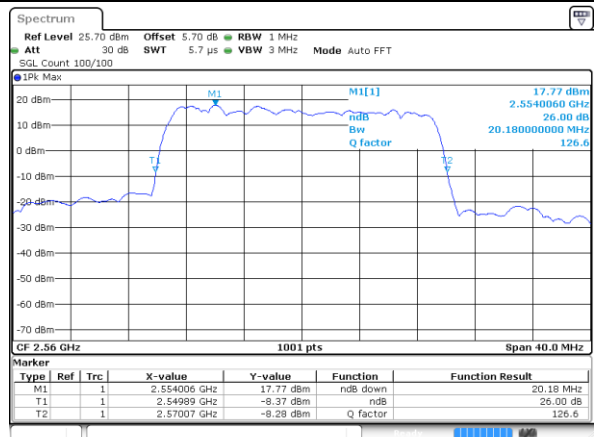
Date: 6 MAR 2019 11:16:59

Highest Channel / 20MHz / QPSK



Date: 6 MAR 2019 11:17:40

Highest Channel / 20MHz / 16QAM

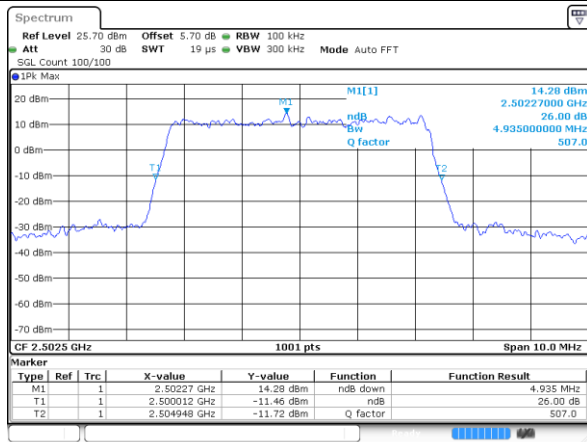


Date: 6 MAR 2019 11:17:20



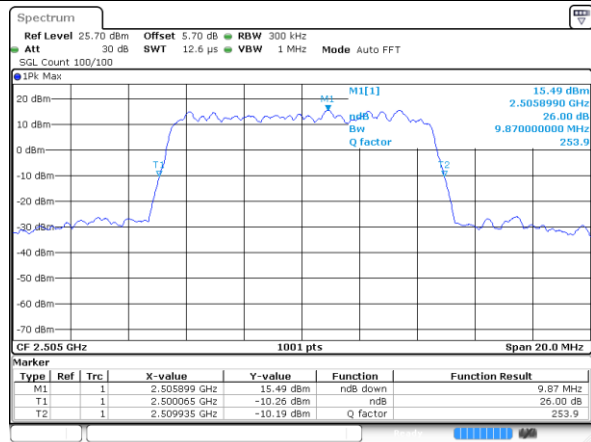
LTE Band 7

Lowest Channel / 5MHz / 64QAM



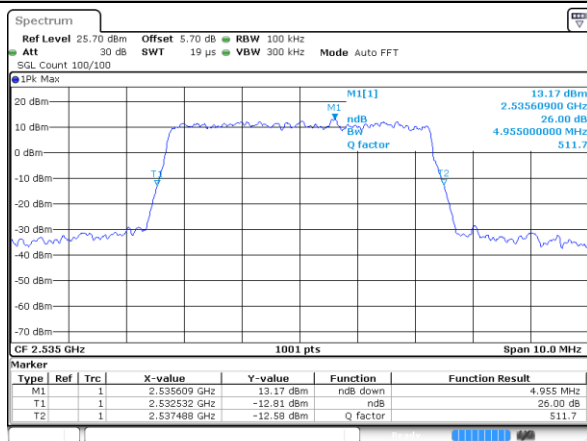
Date: 6 MAR 2019 11:27:26

Lowest Channel / 10MHz / 64QAM



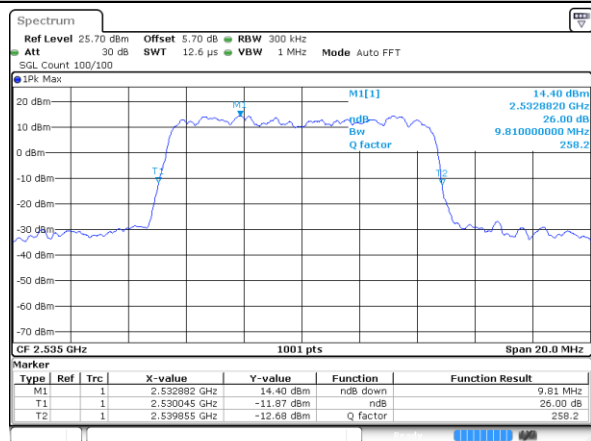
Date: 6 MAR 2019 11:32:59

Middle Channel / 5MHz / 64QAM



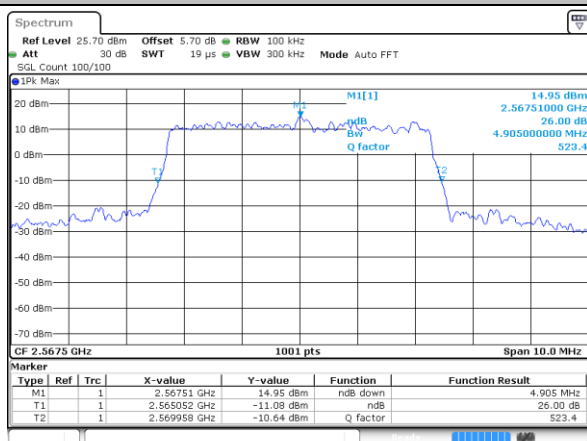
Date: 6 MAR 2019 11:27:36

Middle Channel / 10MHz / 64QAM



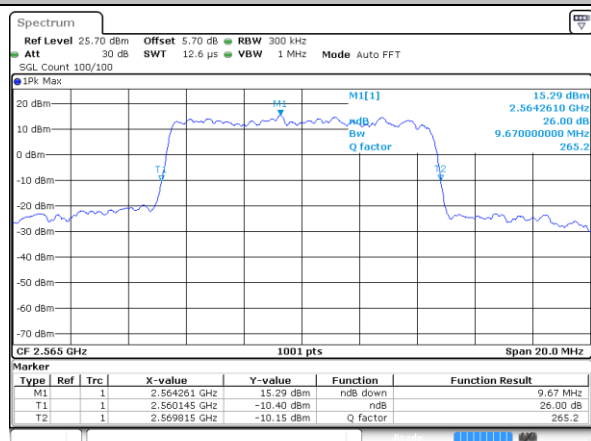
Date: 6 MAR 2019 11:33:09

Highest Channel / 5MHz / 64QAM



Date: 6 MAR 2019 11:27:46

Highest Channel / 10MHz / 64QAM

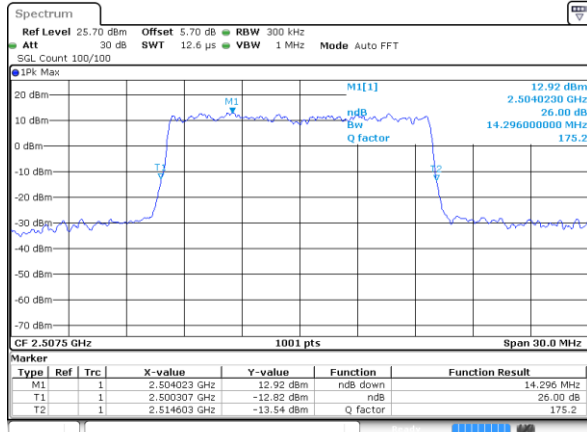


Date: 6 MAR 2019 11:33:19



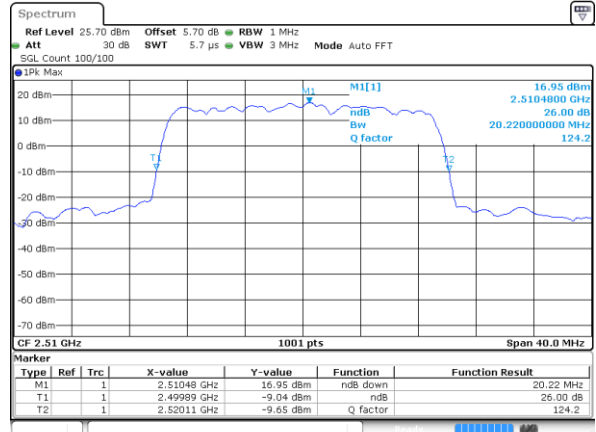
LTE Band 7

Lowest Channel / 15MHz / 64QAM



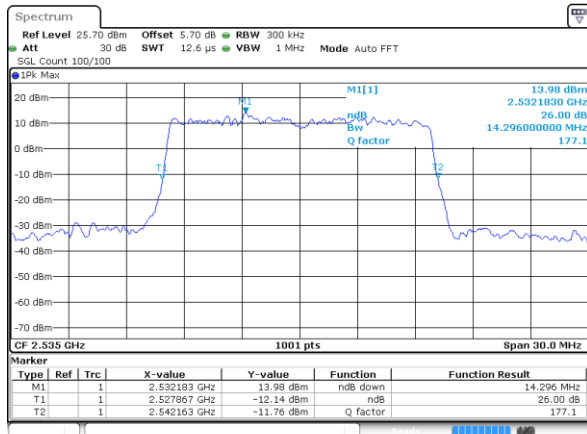
Date: 6 MAR 2019 11:38:32

Lowest Channel / 20MHz / 64QAM



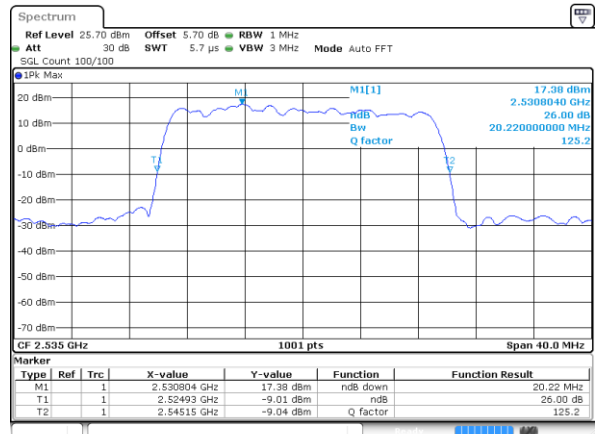
Date: 6 MAR 2019 11:44:05

Middle Channel / 15MHz / 64QAM



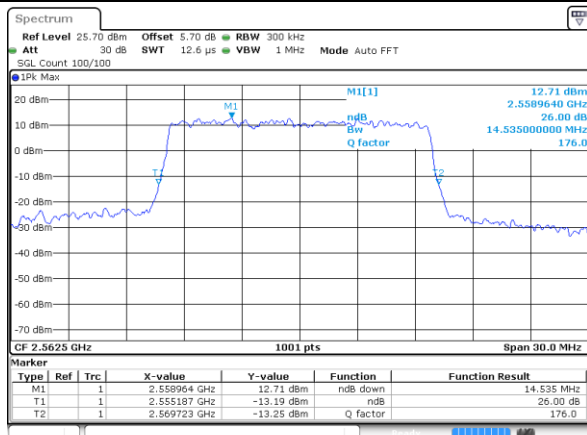
Date: 6 MAR 2019 11:38:42

Middle Channel / 20MHz / 64QAM



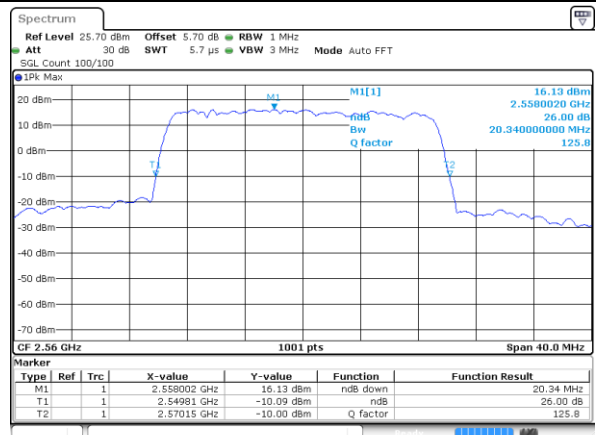
Date: 6 MAR 2019 11:44:15

Highest Channel / 15MHz / 64QAM



Date: 6 MAR 2019 11:38:52

Highest Channel / 20MHz / 64QAM

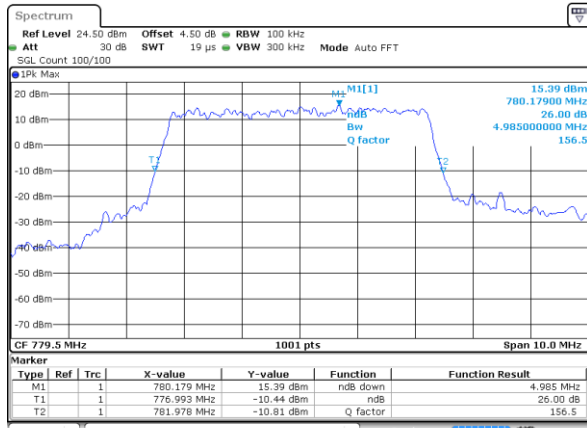


Date: 6 MAR 2019 11:44:25

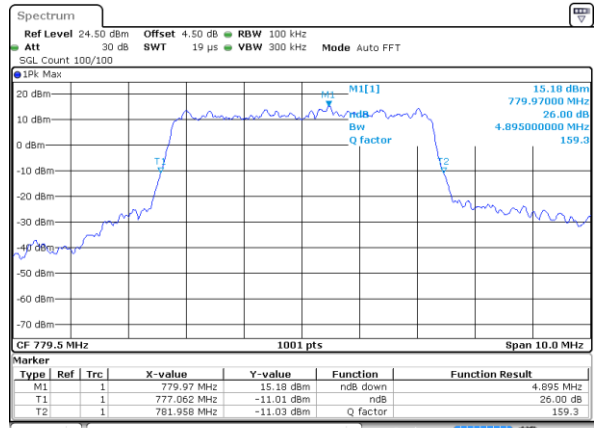


LTE Band 13

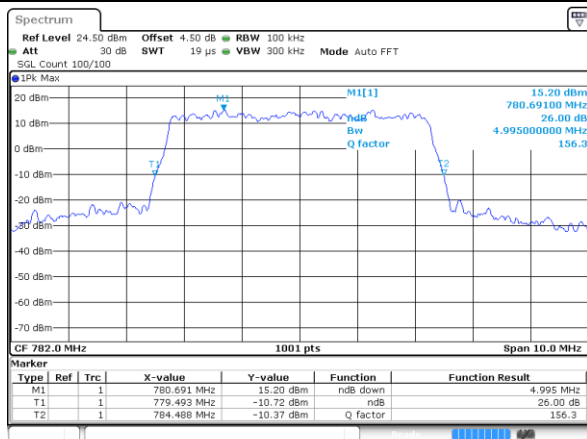
Lowest Channel / 5MHz / QPSK



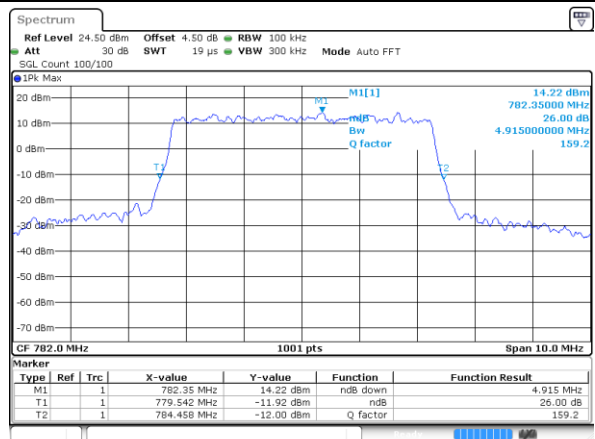
Lowest Channel / 5MHz / 16QAM



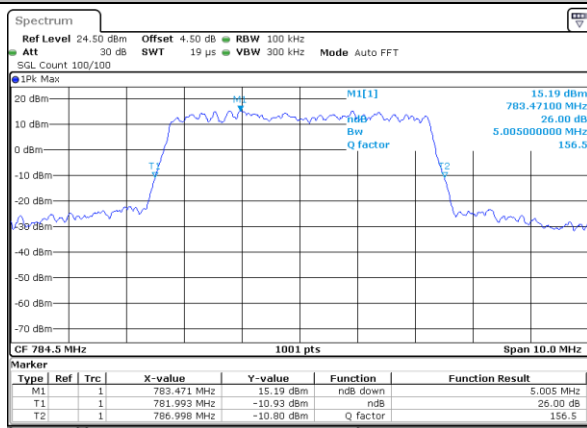
Middle Channel / 5MHz / QPSK



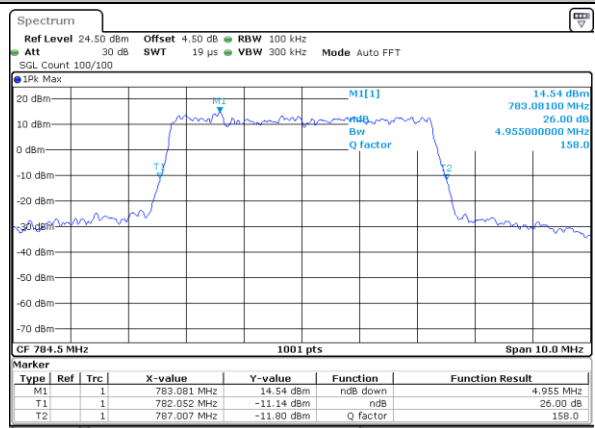
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



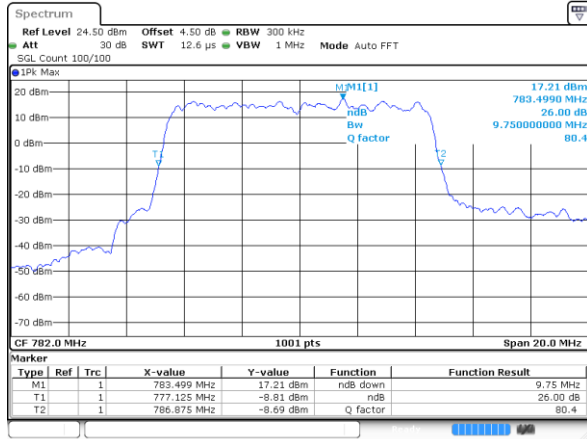
Highest Channel / 5MHz / 16QAM





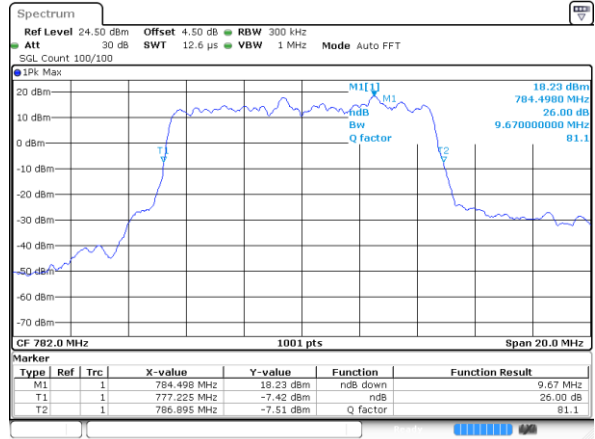
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 MAR 2019 20:09:23

Middle Channel / 10MHz / 16QAM

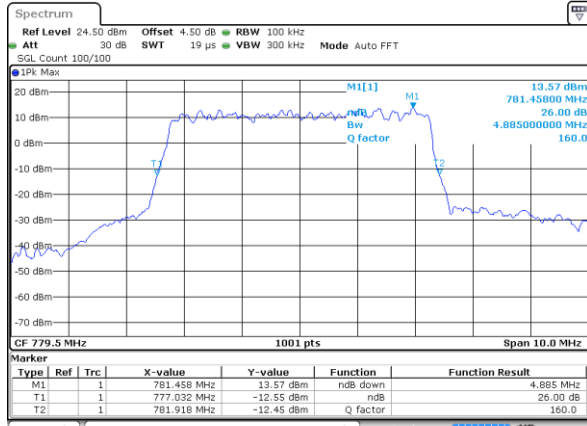


Date: 7 MAR 2019 20:09:13

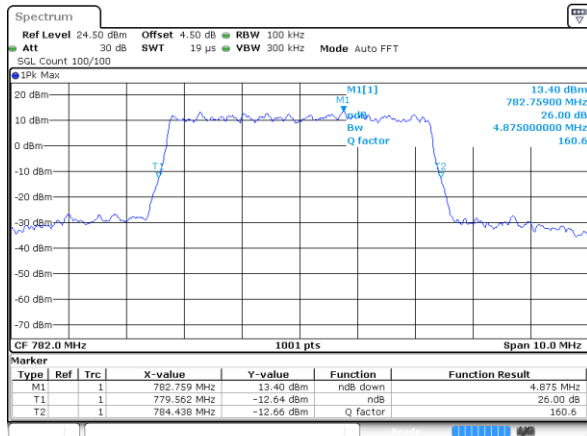


LTE Band 13

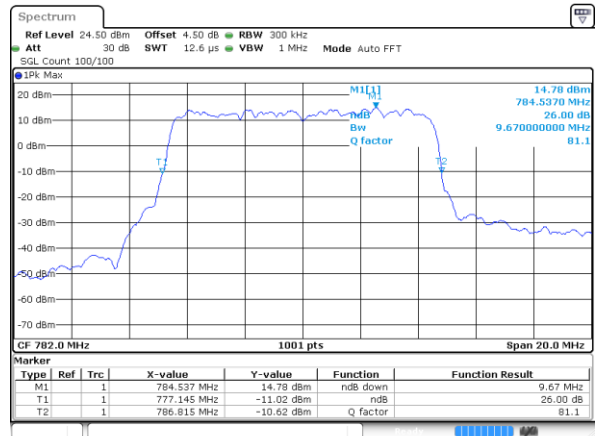
Lowest Channel / 5MHz / 64QAM



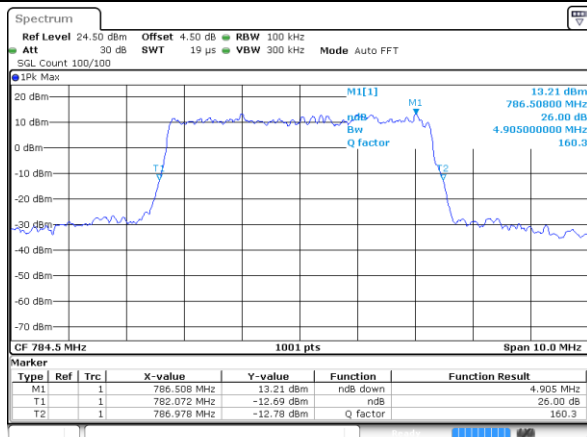
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



**Occupied Bandwidth**

Mode	LTE Band 2 : 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	2.72	2.73	4.49	4.48	9.09	9.09	13.46	14.43	18.46	18.38
Middle CH	1.10	1.09	2.73	2.71	4.50	4.52	9.09	9.03	13.46	13.49	18.22	18.22
Highest CH	1.10	1.09	2.73	2.72	4.50	4.49	9.03	8.93	13.40	13.46	18.14	18.30
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10		2.72		4.48		8.99		13.43		18.38	
Middle CH	1.09		2.72		4.48		9.03		13.46		18.46	
Highest CH	1.09		2.73		4.52		9.03		13.40		18.26	

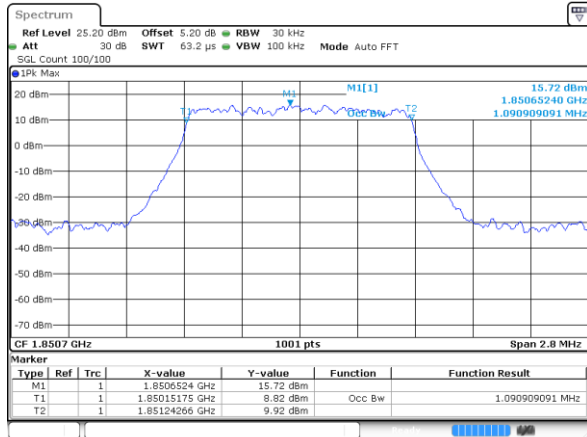
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.49	4.49	8.99	9.03	13.34	13.49	18.30	18.42
Middle CH					4.50	4.50	8.97	9.01	13.43	13.43	18.42	18.38
Highest CH					4.48	4.49	9.05	8.99	13.49	13.46	18.42	18.30
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.50		9.05		13.43		18.42	
Middle CH					4.51		9.03		13.40		18.26	
Highest CH					4.53		8.97		13.43		18.38	

Mode	LTE Band 13 : 99%OBW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.48	4.51			4.46							
Middle CH	4.49	4.48	9.05	8.99	4.51	9.07						
Highest CH	4.51	4.50			4.48							

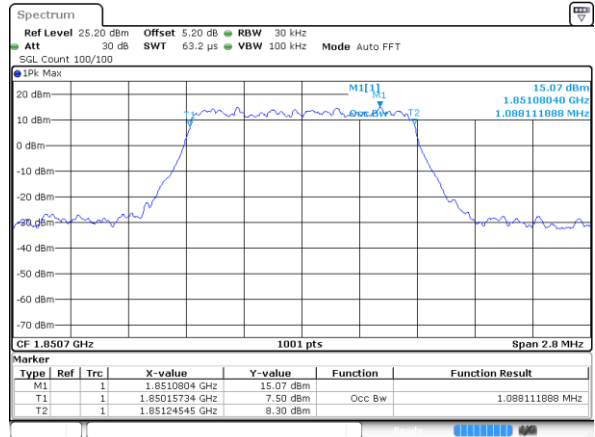


LTE Band 2

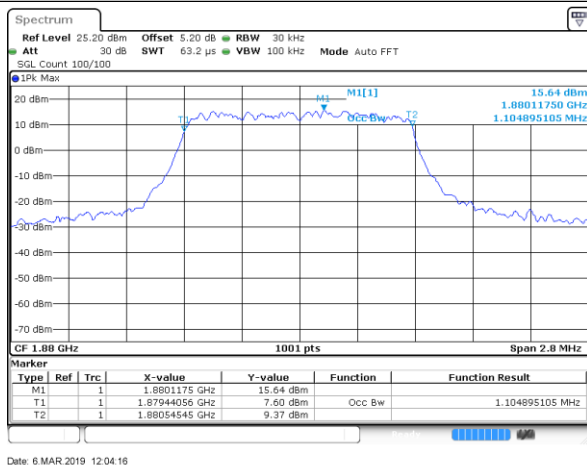
Lowest Channel / 1.4MHz / QPSK



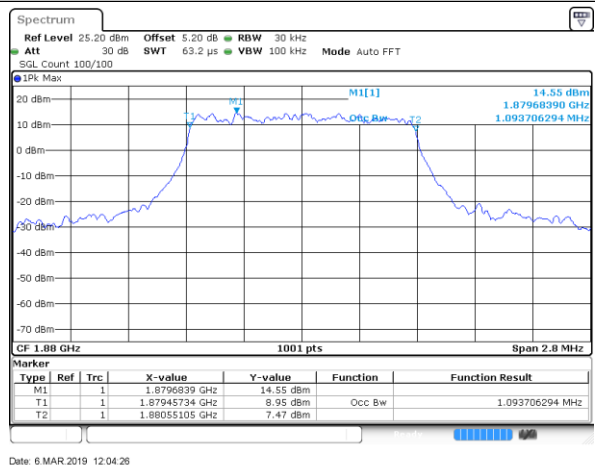
Lowest Channel / 1.4MHz / 16QAM



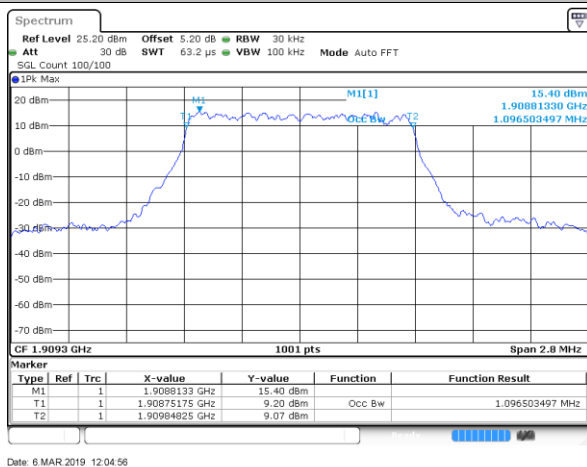
Middle Channel / 1.4MHz / QPSK



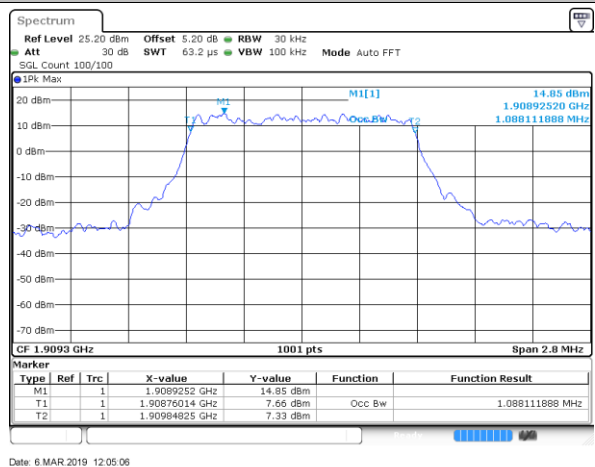
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



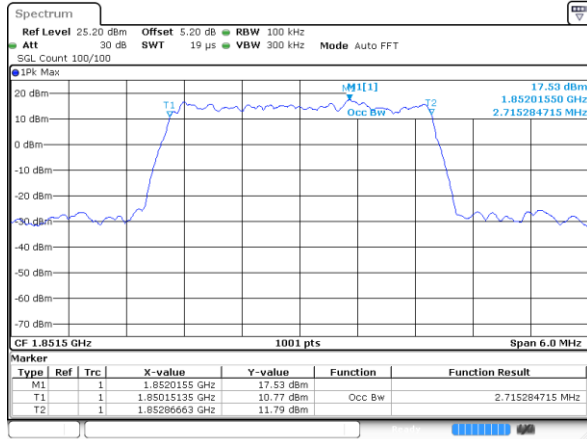
Highest Channel / 1.4MHz / 16QAM





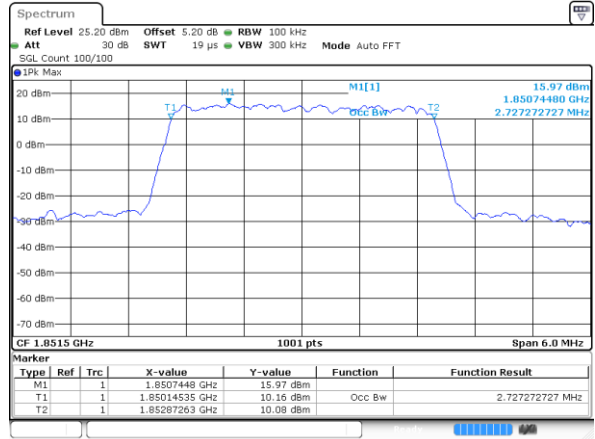
LTE Band 2

Lowest Channel / 3MHz / QPSK



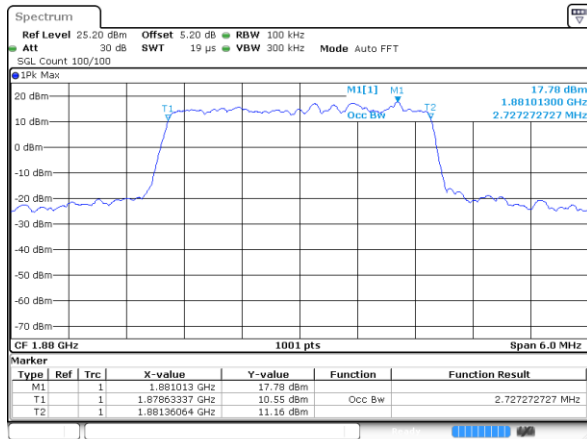
Date: 6 MAR 2019 12:10:07

Lowest Channel / 3MHz / 16QAM



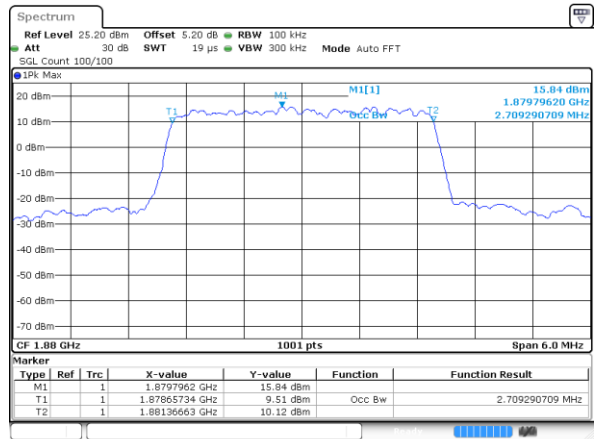
Date: 6 MAR 2019 12:10:17

Middle Channel / 3MHz / QPSK



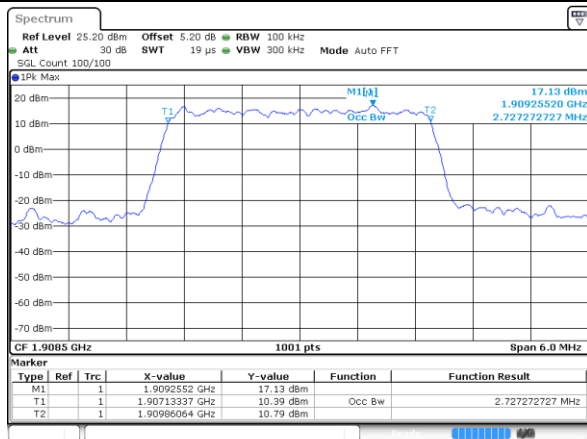
Date: 6 MAR 2019 12:15:17

Middle Channel / 3MHz / 16QAM



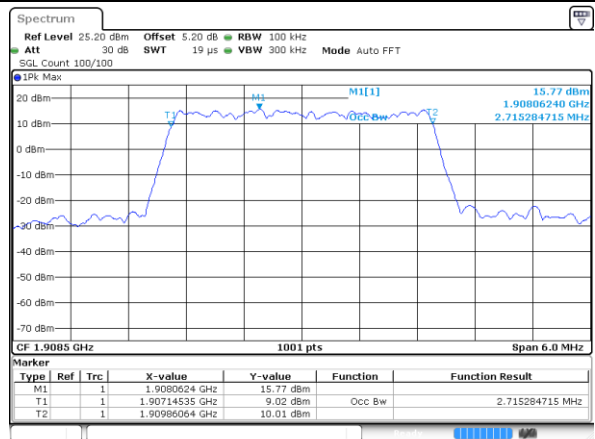
Date: 6 MAR 2019 12:15:27

Highest Channel / 3MHz / QPSK



Date: 6 MAR 2019 12:15:57

Highest Channel / 3MHz / 16QAM

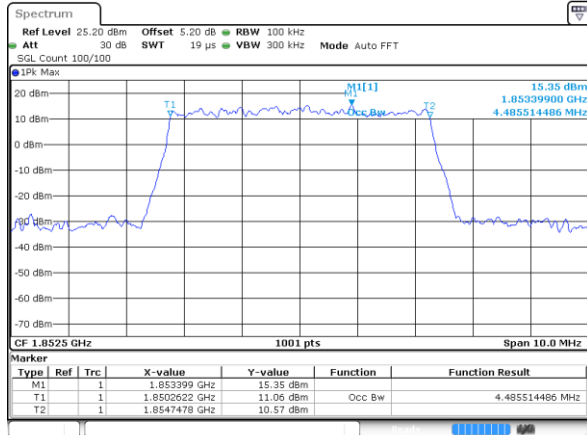


Date: 6 MAR 2019 12:16:07



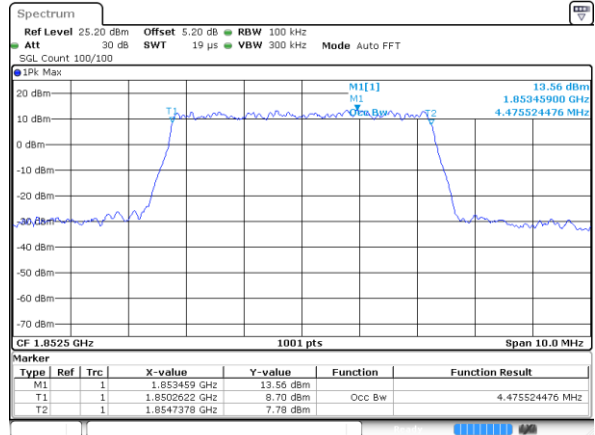
LTE Band 2

Lowest Channel / 5MHz / QPSK



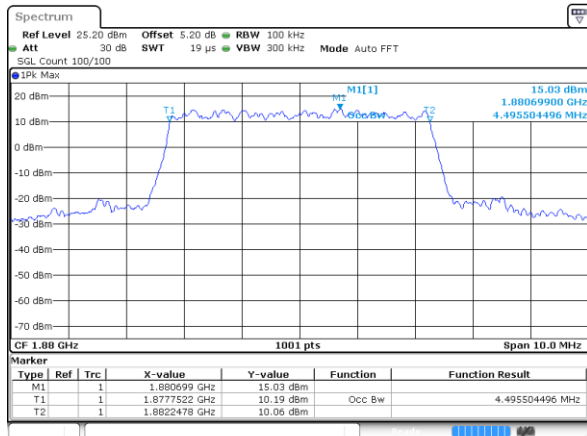
Date: 6 MAR 2019 12:21:07

Lowest Channel / 5MHz / 16QAM



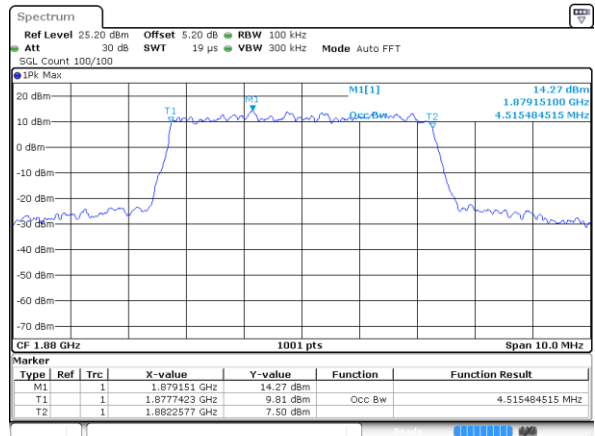
Date: 6 MAR 2019 12:21:17

Middle Channel / 5MHz / QPSK



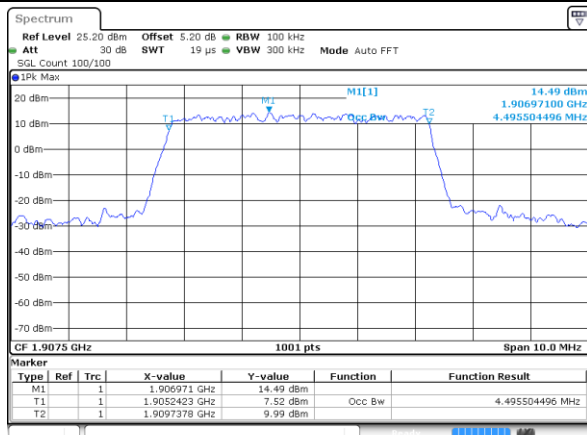
Date: 6 MAR 2019 12:26:17

Middle Channel / 5MHz / 16QAM



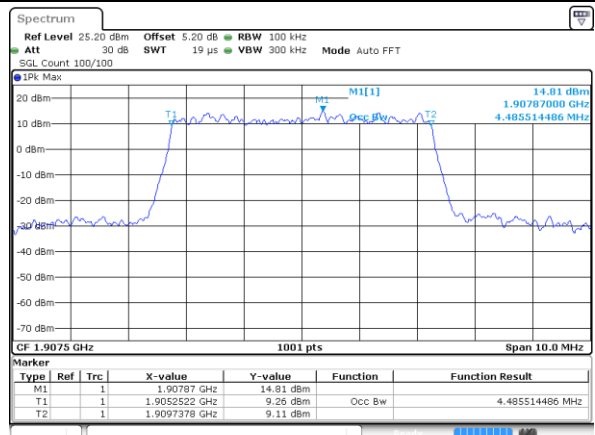
Date: 6 MAR 2019 12:26:27

Highest Channel / 5MHz / QPSK



Date: 6 MAR 2019 12:26:58

Highest Channel / 5MHz / 16QAM

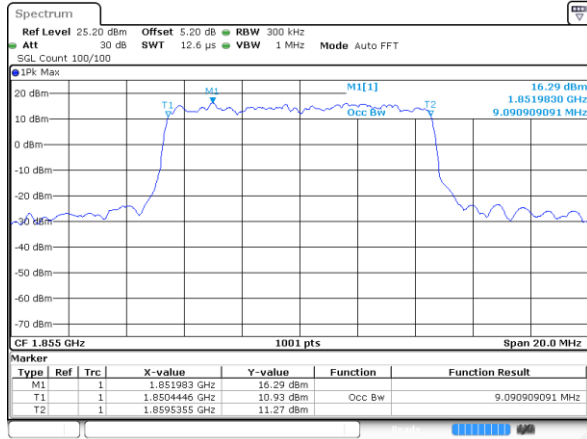


Date: 6 MAR 2019 12:27:08



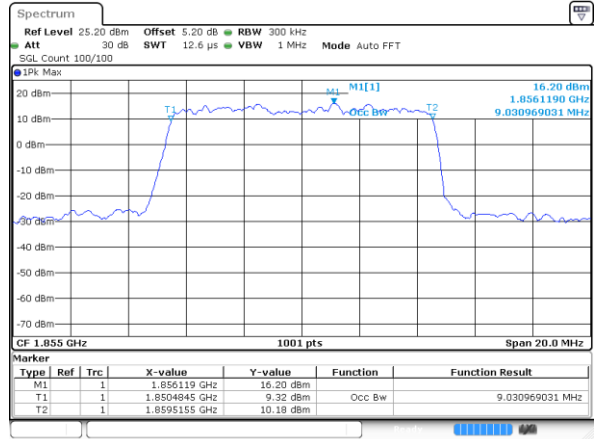
LTE Band 2

Lowest Channel / 10MHz / QPSK



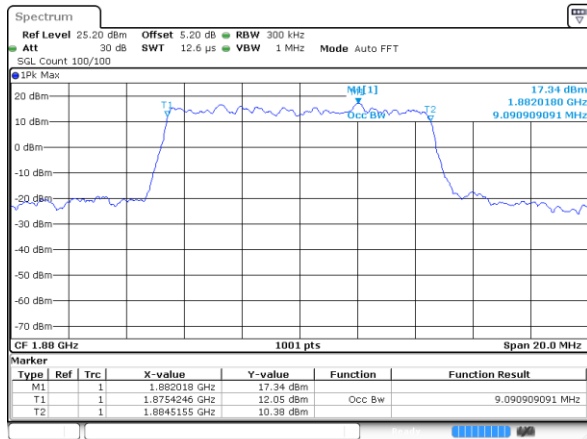
Date: 6 MAR 2019 12:32:08

Lowest Channel / 10MHz / 16QAM



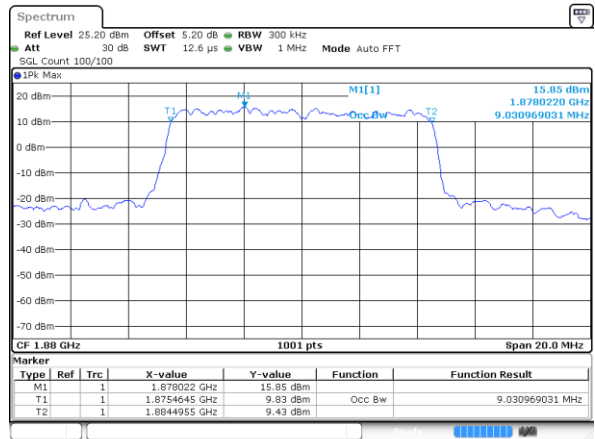
Date: 6 MAR 2019 12:32:18

Middle Channel / 10MHz / QPSK



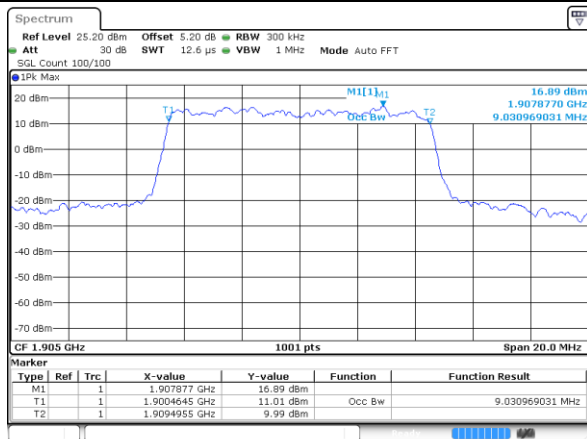
Date: 6 MAR 2019 12:37:18

Middle Channel / 10MHz / 16QAM



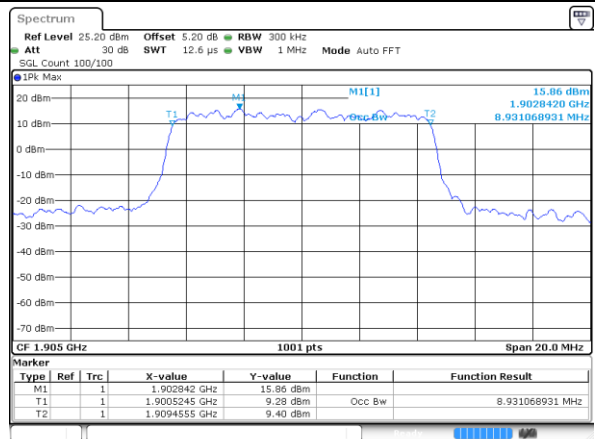
Date: 6 MAR 2019 12:37:28

Highest Channel / 10MHz / QPSK



Date: 6 MAR 2019 12:37:58

Highest Channel / 10MHz / 16QAM

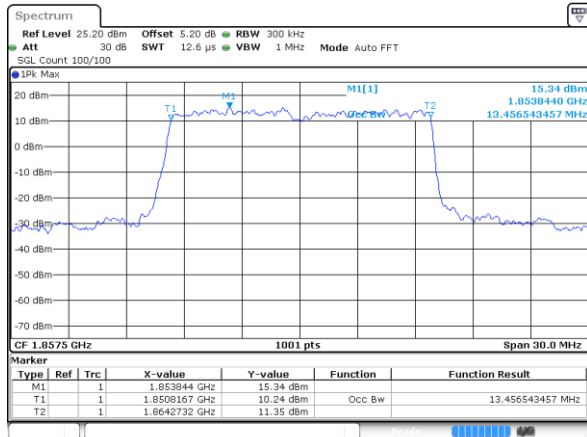


Date: 6 MAR 2019 12:38:08

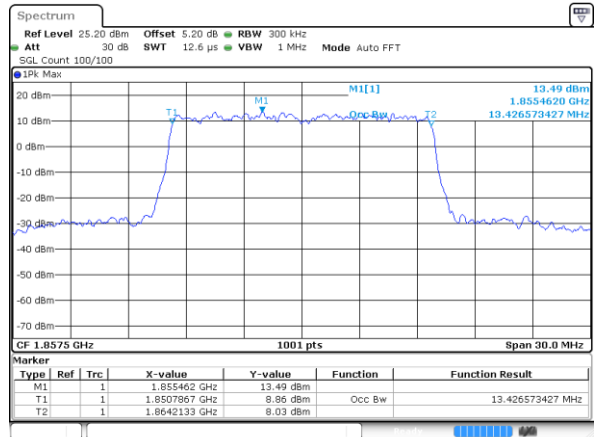


LTE Band 2

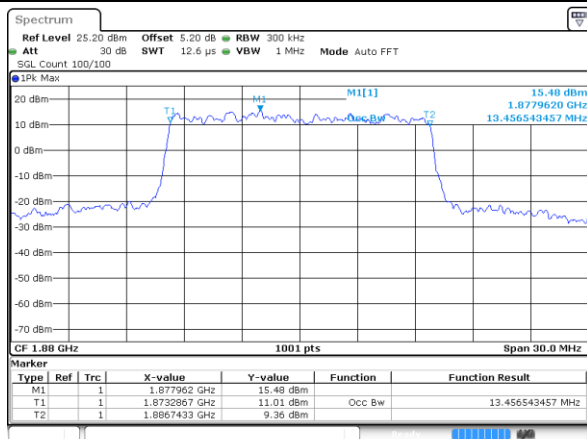
Lowest Channel / 15MHz / QPSK



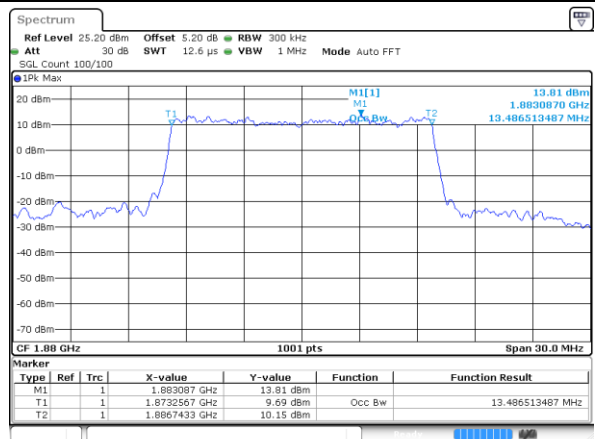
Lowest Channel / 15MHz / 16QAM



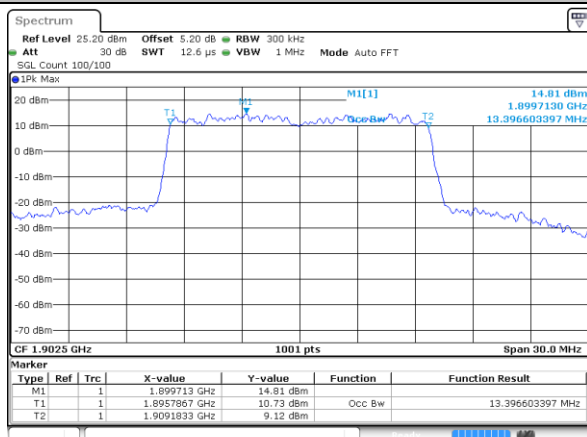
Middle Channel / 15MHz / QPSK



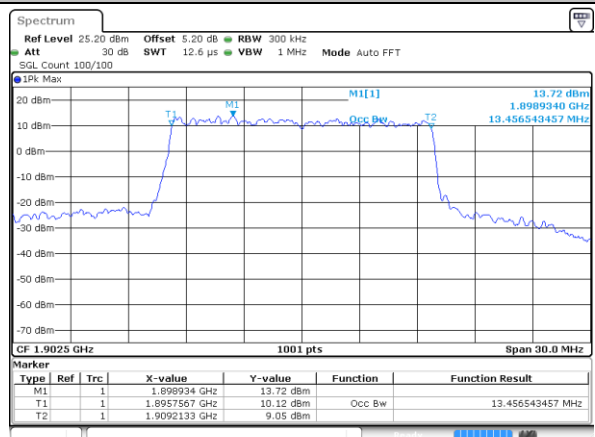
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



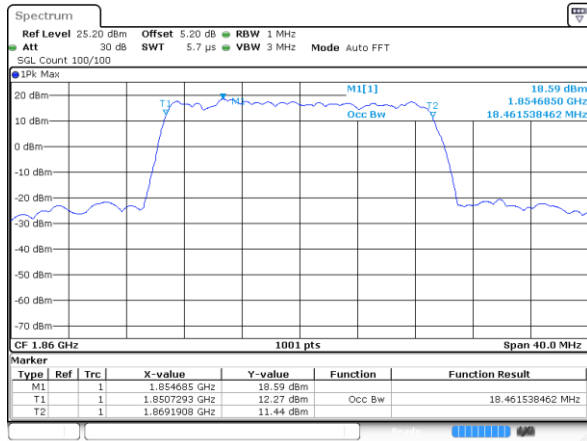
Highest Channel / 15MHz / 16QAM



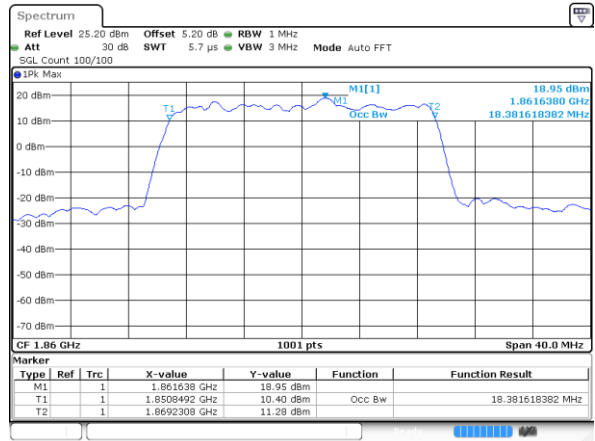


LTE Band 2

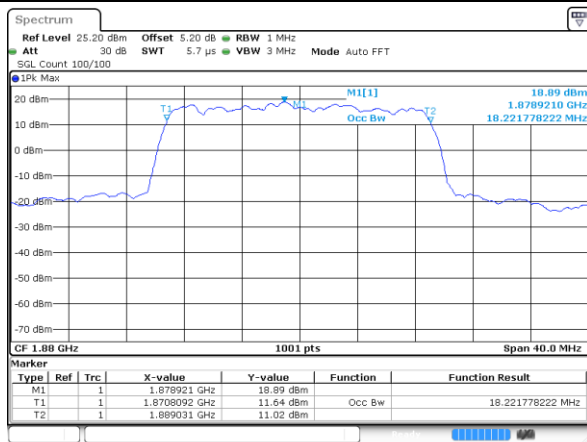
Lowest Channel / 20MHz / QPSK



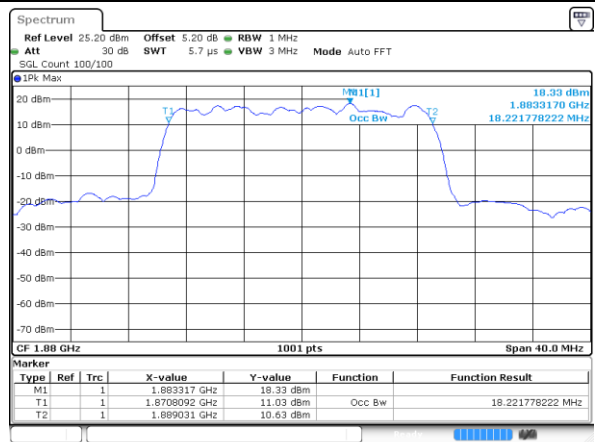
Lowest Channel / 20MHz / 16QAM



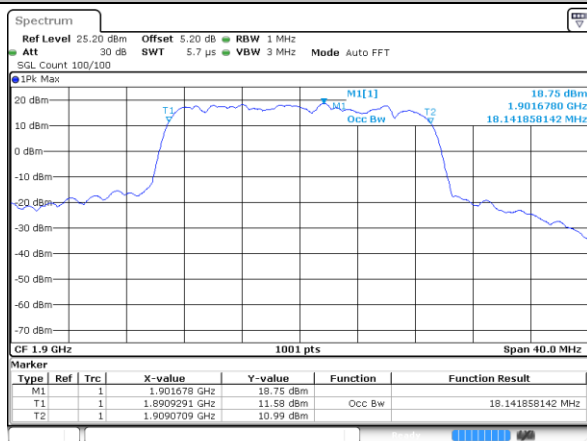
Middle Channel / 20MHz / QPSK



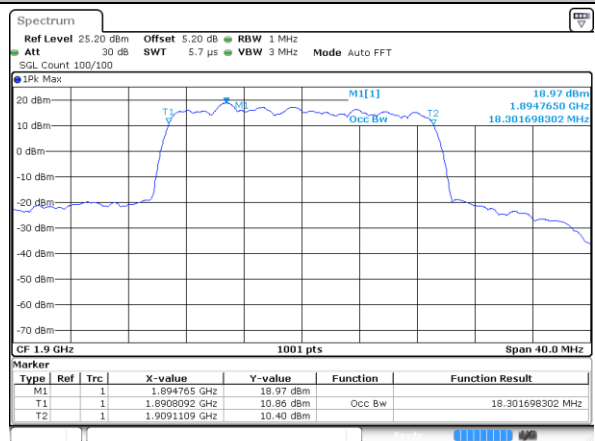
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



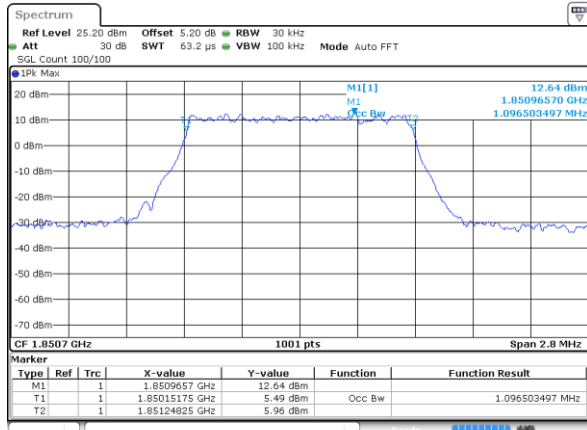
Highest Channel / 20MHz / 16QAM



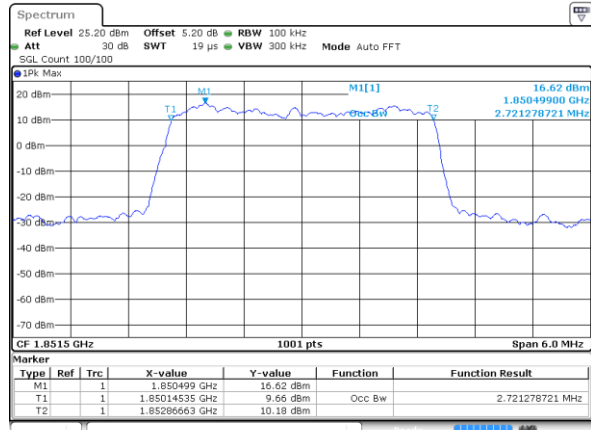


LTE Band 2

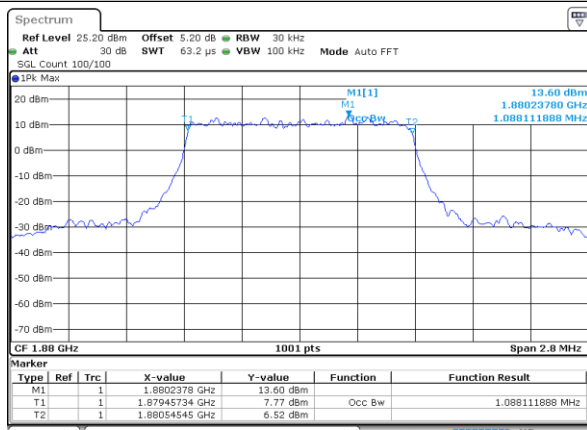
Lowest Channel / 1.4MHz / 64QAM



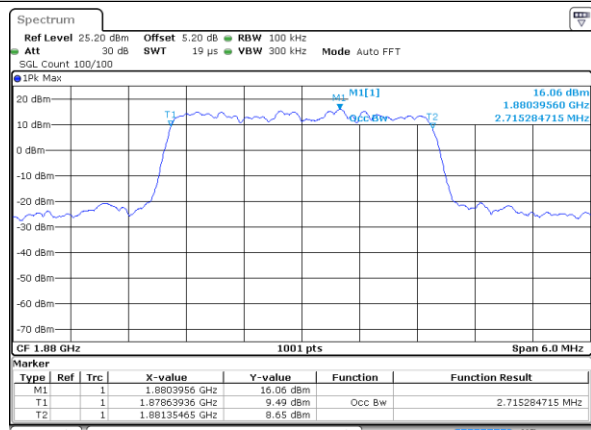
Lowest Channel / 3MHz / 64QAM



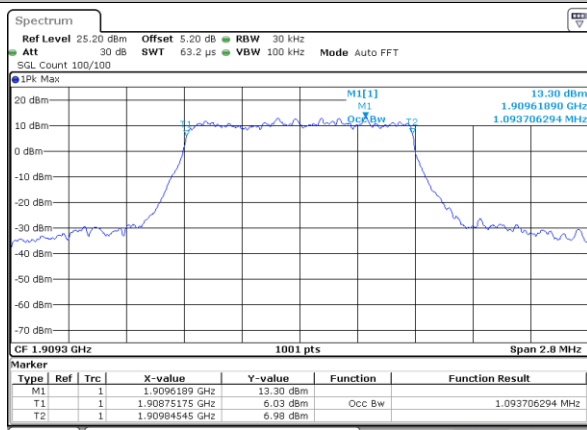
Middle Channel / 1.4MHz / 64QAM



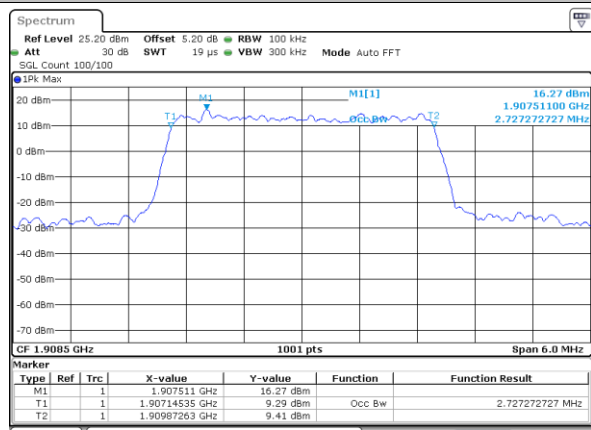
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



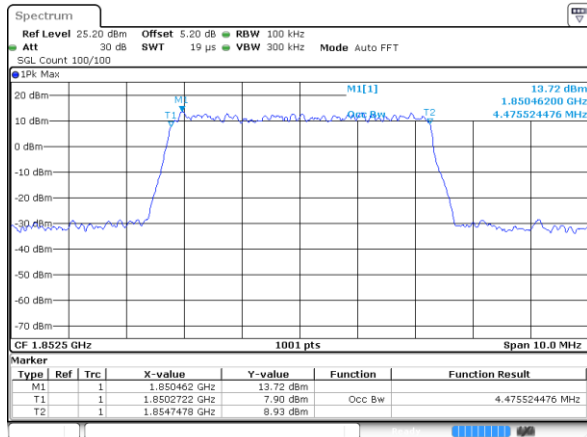
Highest Channel / 3MHz / 64QAM



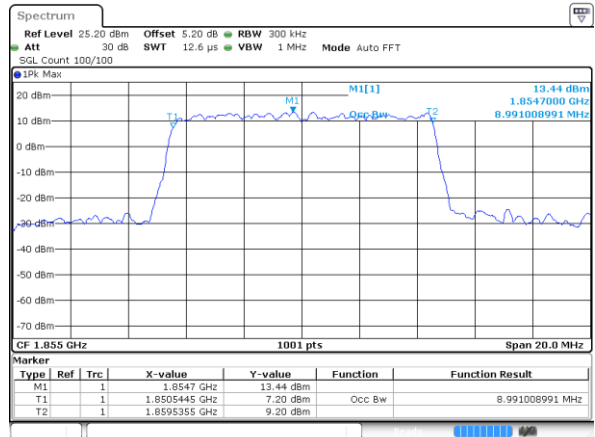


LTE Band 2

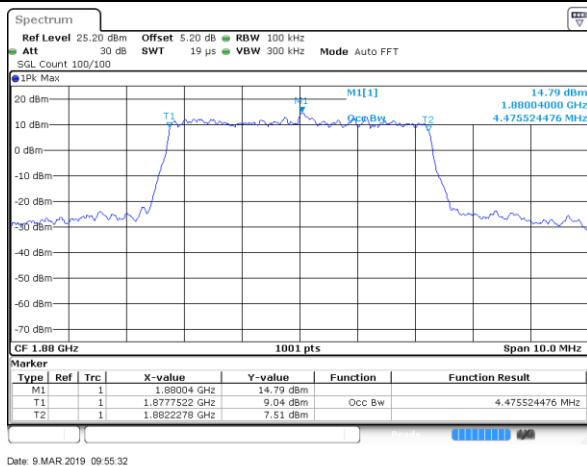
Lowest Channel / 5MHz / 64QAM



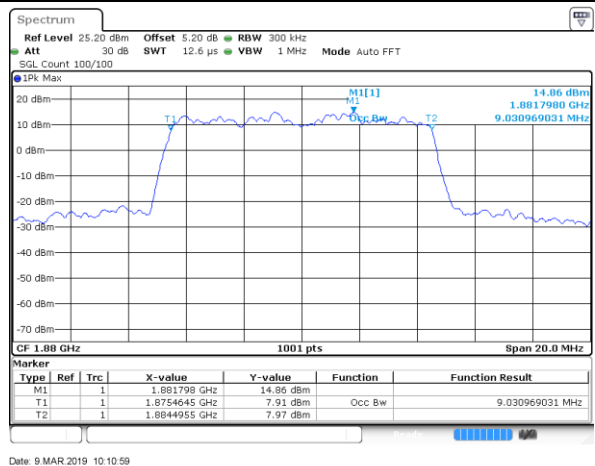
Lowest Channel / 10MHz / 64QAM



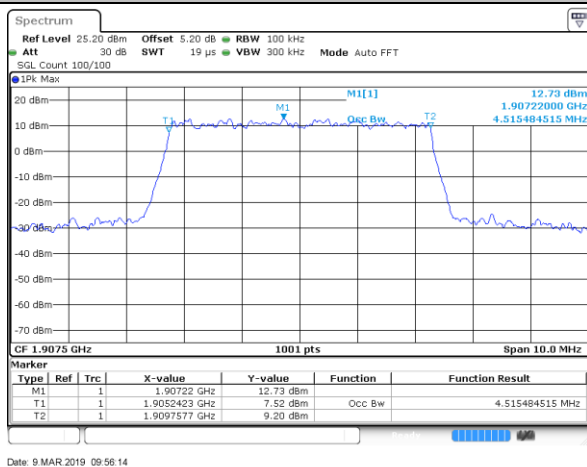
Middle Channel / 5MHz / 64QAM



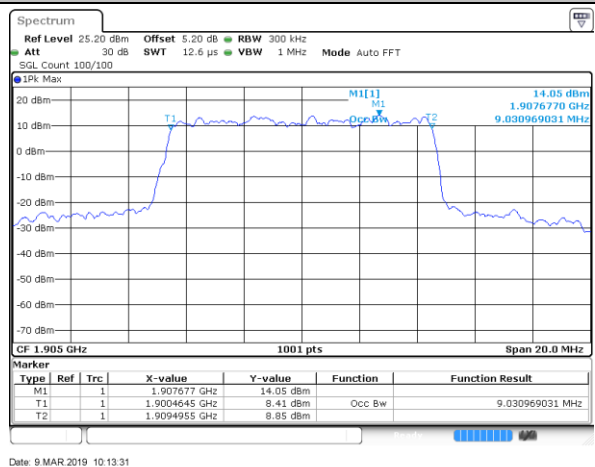
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



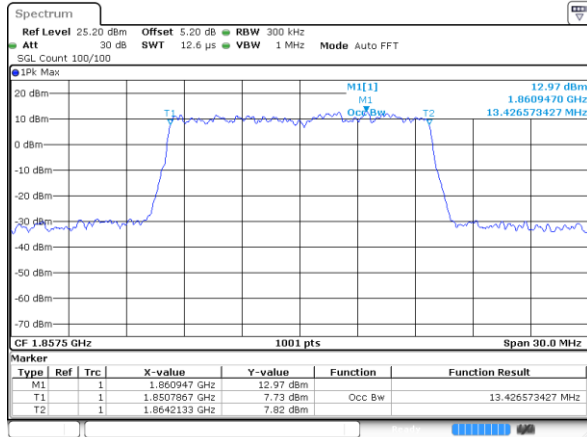
Highest Channel / 10MHz / 64QAM



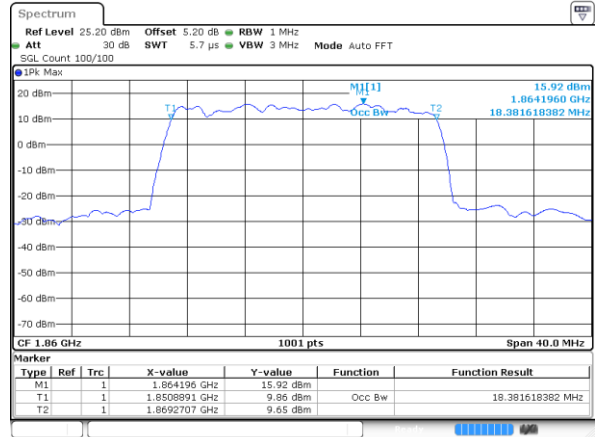


LTE Band 2

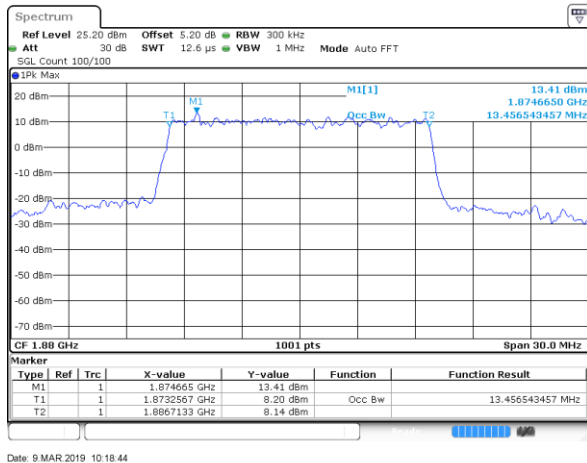
Lowest Channel / 15MHz / 64QAM



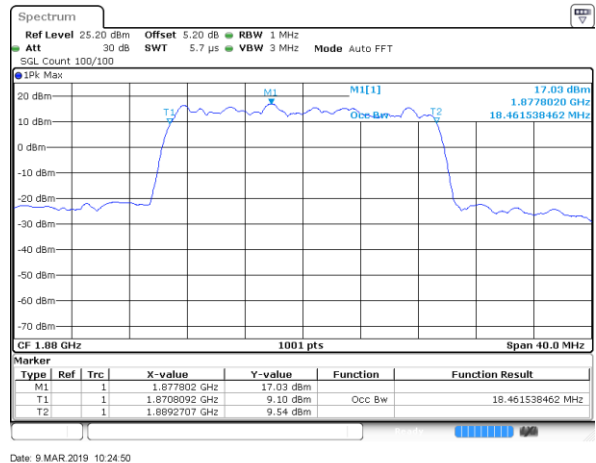
Lowest Channel / 20MHz / 64QAM



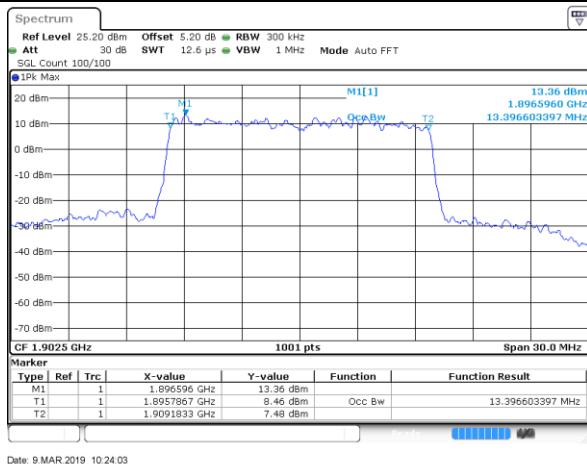
Middle Channel / 15MHz / 64QAM



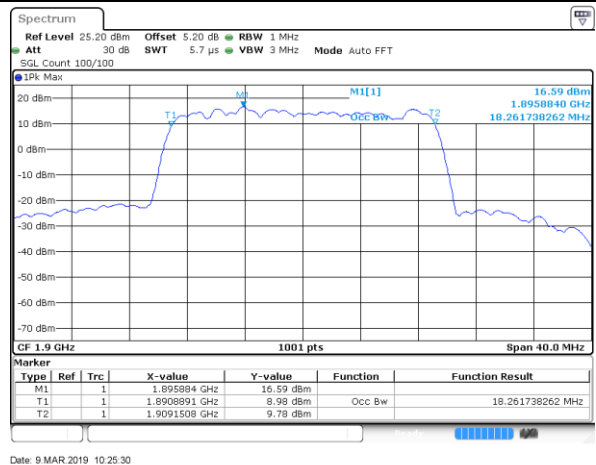
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



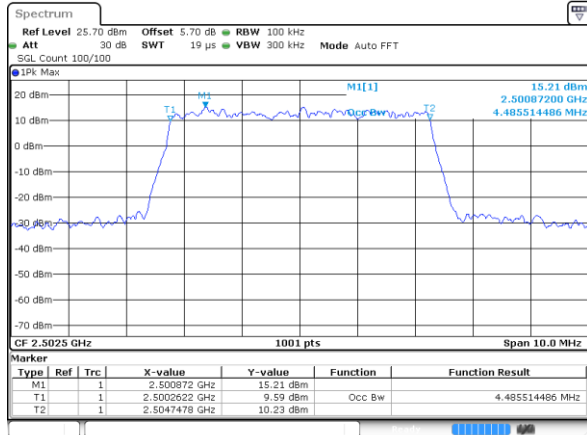
Highest Channel / 20MHz / 64QAM



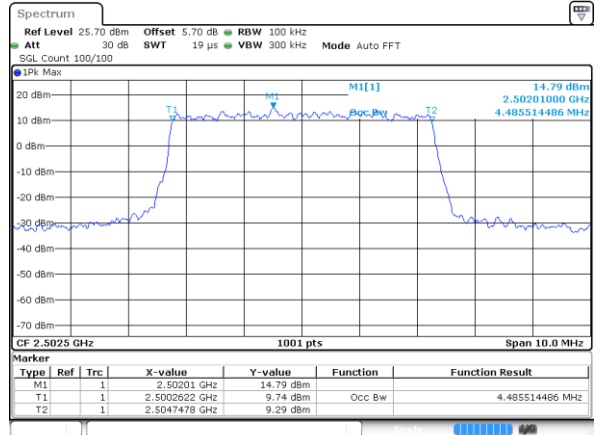


LTE Band 7

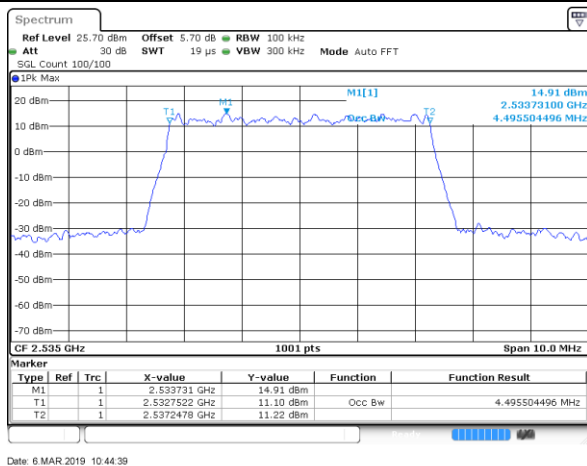
Lowest Channel / 5MHz / QPSK



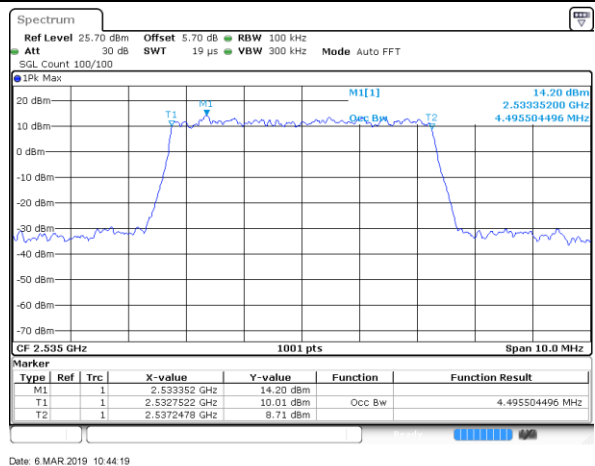
Lowest Channel / 5MHz / 16QAM



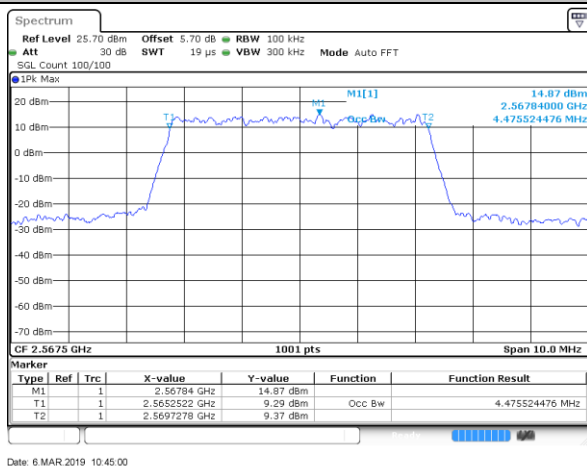
Middle Channel / 5MHz / QPSK



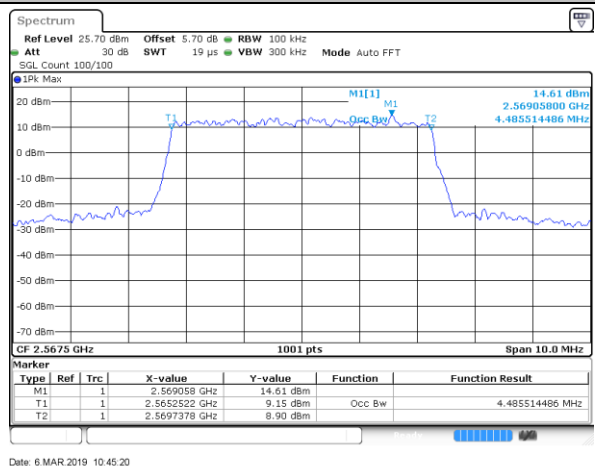
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



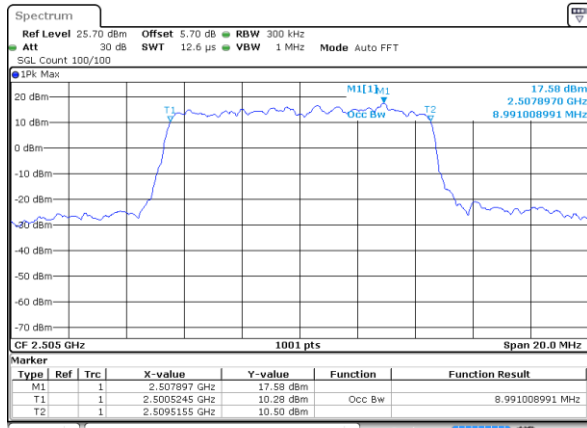
Highest Channel / 5MHz / 16QAM





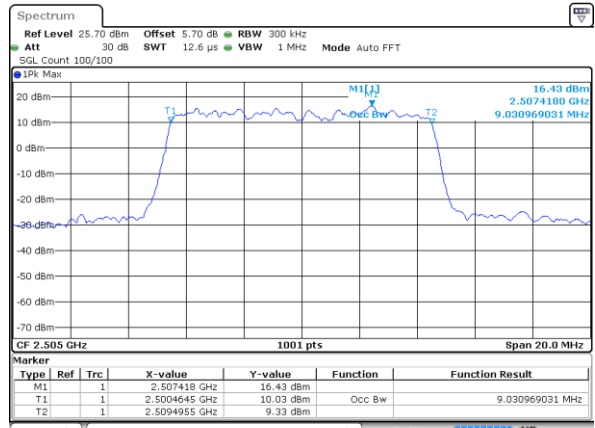
LTE Band 7

Lowest Channel / 10MHz / QPSK



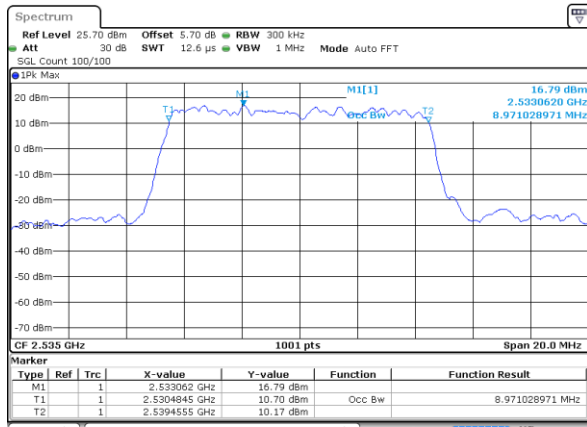
Date: 6 MAR 2019 10:53:38

Lowest Channel / 10MHz / 16QAM



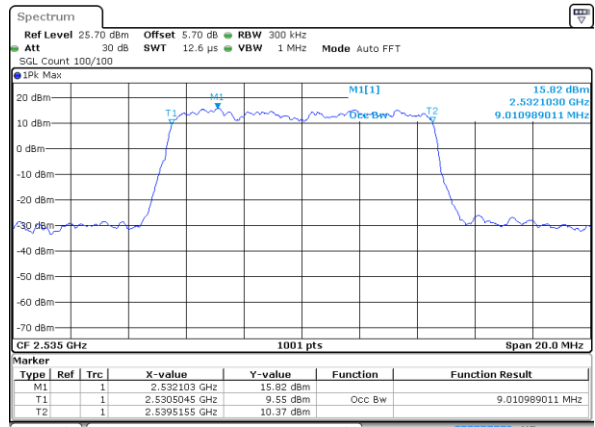
Date: 6 MAR 2019 10:53:58

Middle Channel / 10MHz / QPSK



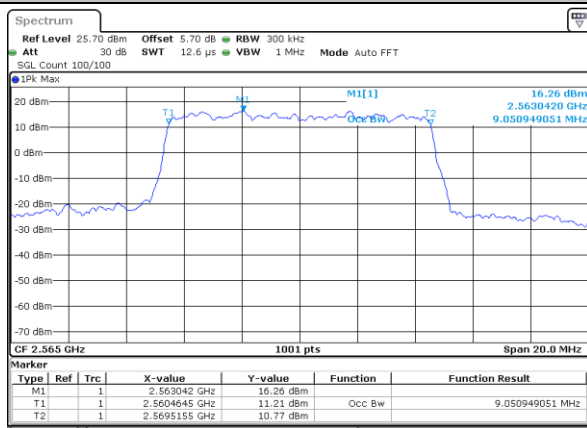
Date: 6 MAR 2019 10:54:38

Middle Channel / 10MHz / 16QAM



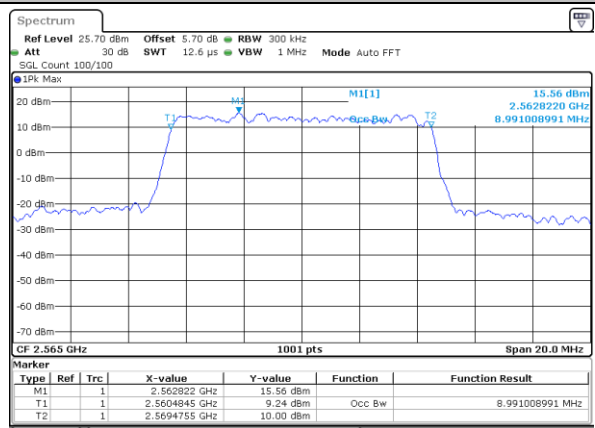
Date: 6 MAR 2019 10:54:18

Highest Channel / 10MHz / QPSK



Date: 6 MAR 2019 10:54:58

Highest Channel / 10MHz / 16QAM

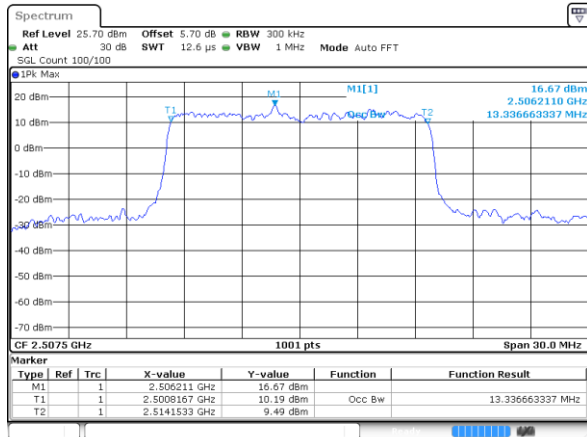


Date: 6 MAR 2019 10:55:19



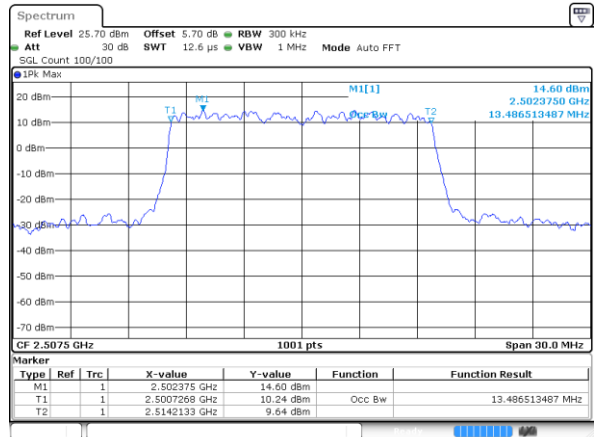
LTE Band 7

Lowest Channel / 15MHz / QPSK



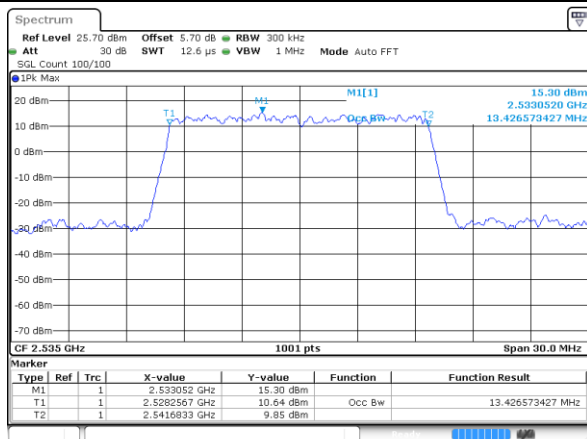
Date: 6 MAR 2019 11:05:03

Lowest Channel / 15MHz / 16QAM



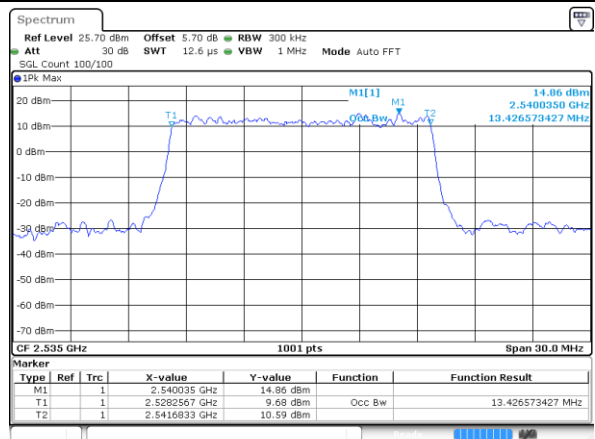
Date: 6 MAR 2019 11:04:43

Middle Channel / 15MHz / QPSK



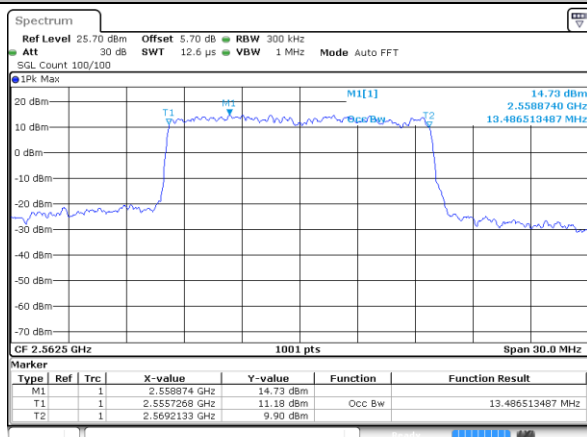
Date: 6 MAR 2019 11:05:23

Middle Channel / 15MHz / 16QAM



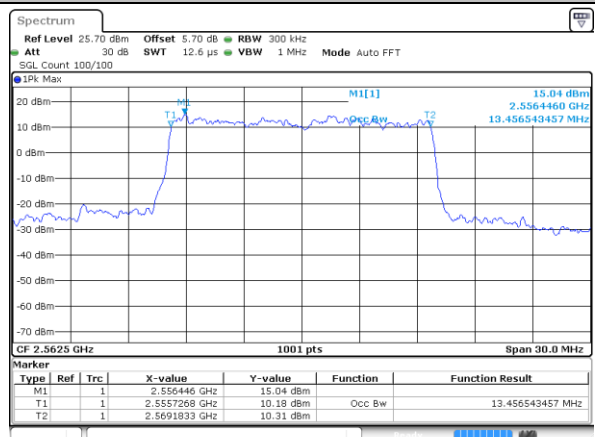
Date: 6 MAR 2019 11:05:43

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2019 11:06:23

Highest Channel / 15MHz / 16QAM

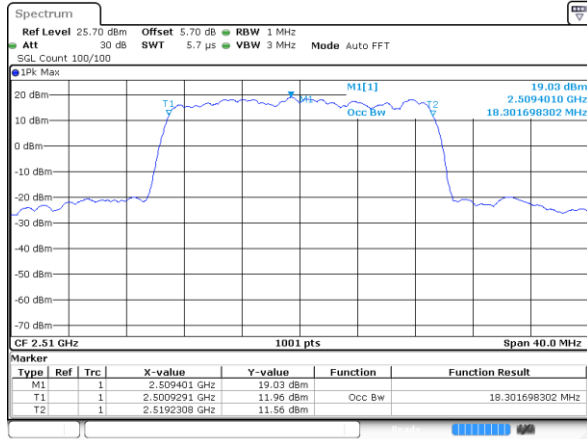


Date: 6 MAR 2019 11:06:03

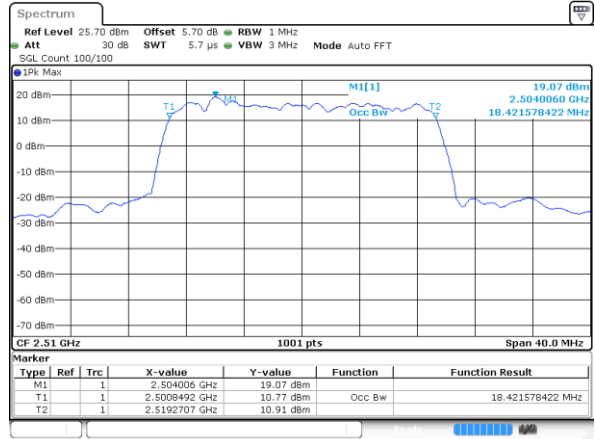


LTE Band 7

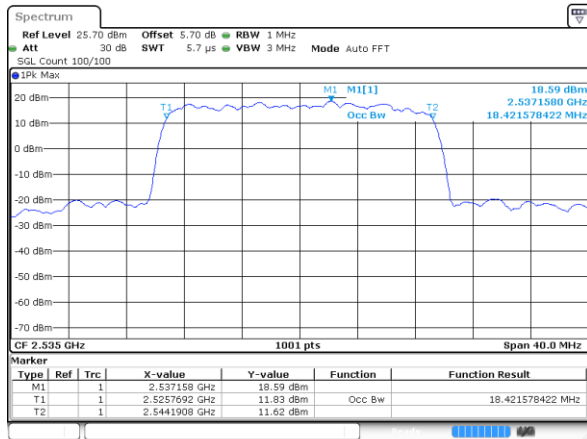
Lowest Channel / 20MHz / QPSK



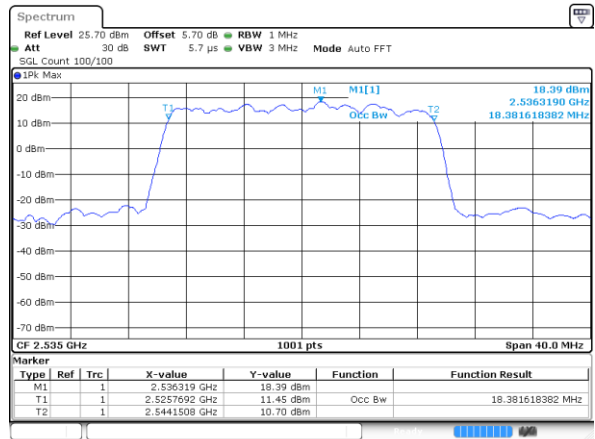
Lowest Channel / 20MHz / 16QAM



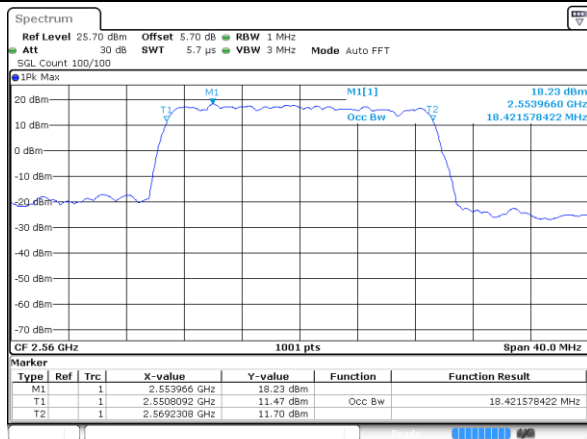
Middle Channel / 20MHz / QPSK



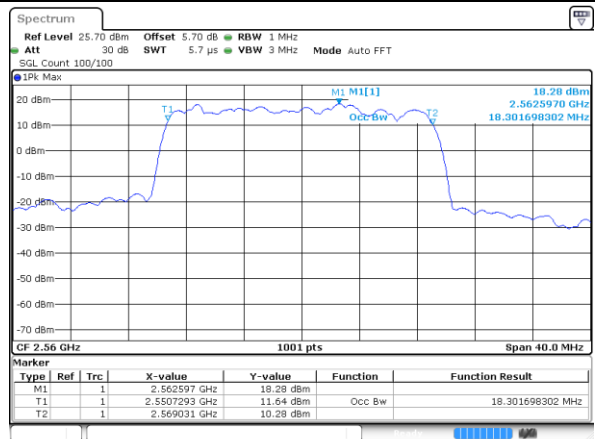
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



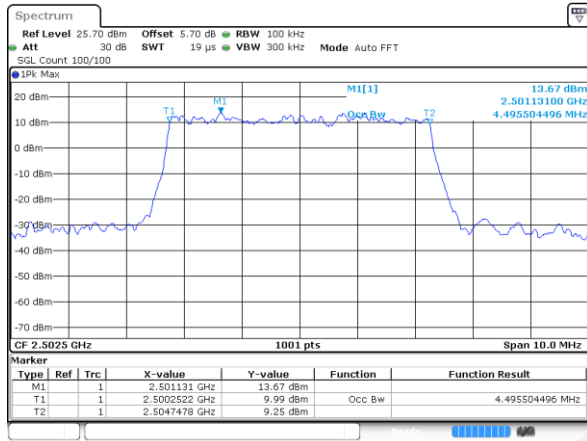
Highest Channel / 20MHz / 16QAM



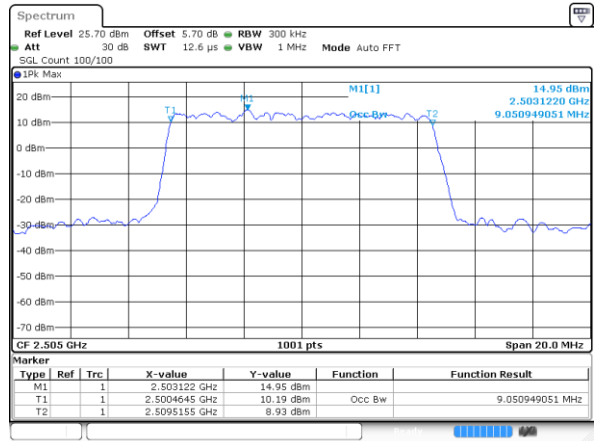


LTE Band 7

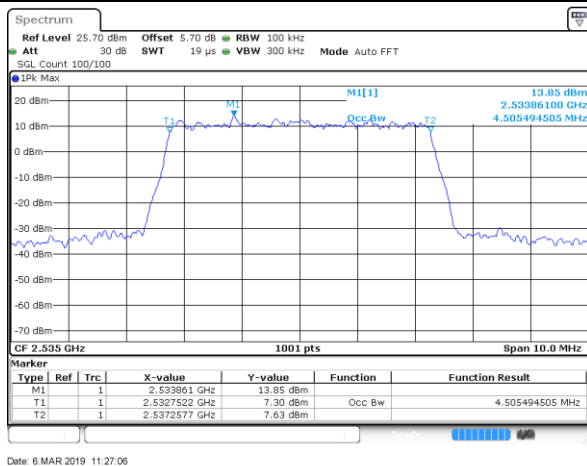
Lowest Channel / 5MHz / 64QAM



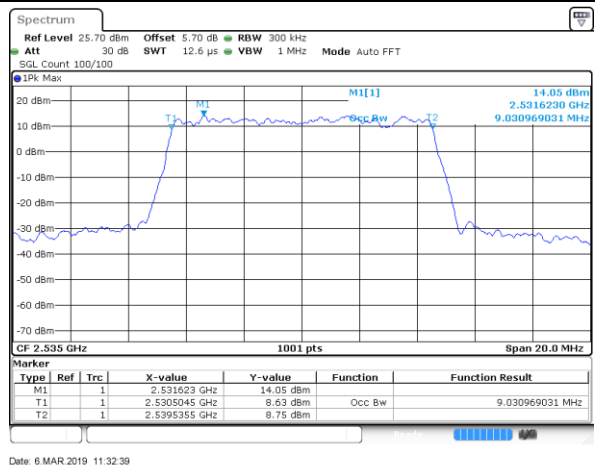
Lowest Channel / 10MHz / 64QAM



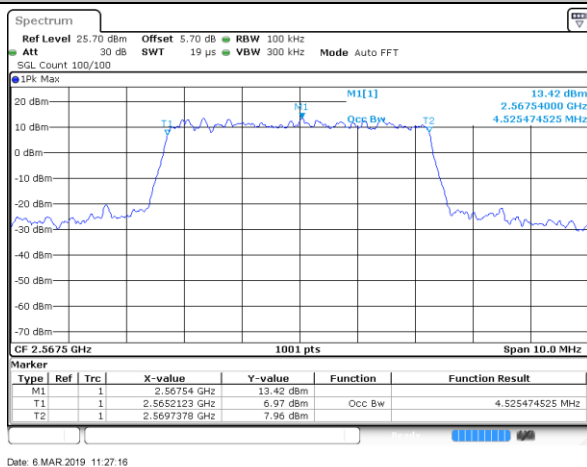
Middle Channel / 5MHz / 64QAM



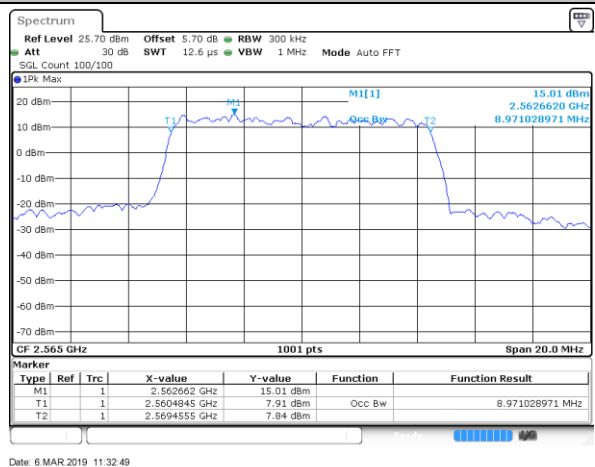
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



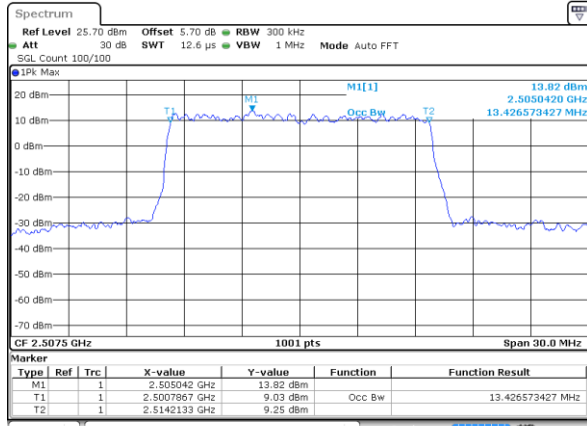
Highest Channel / 10MHz / 64QAM



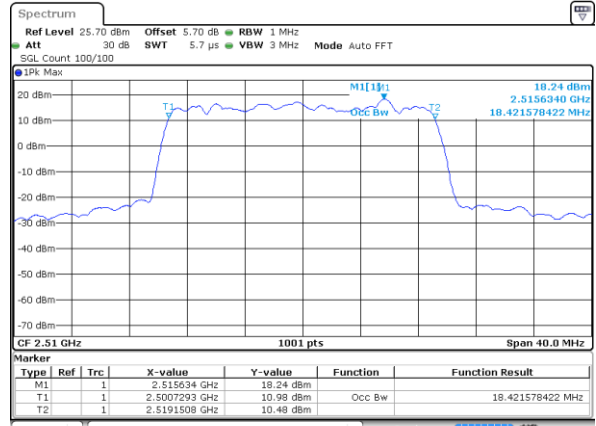


LTE Band 7

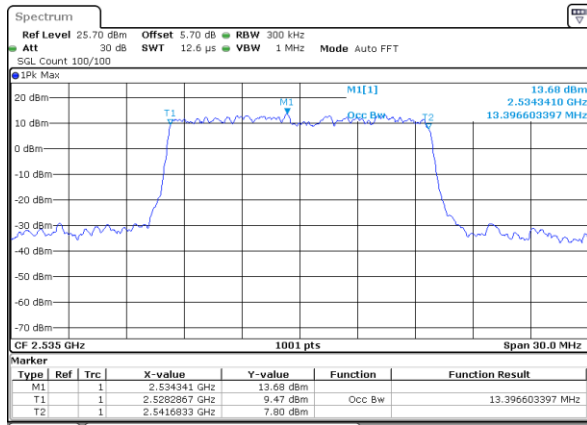
Lowest Channel / 15MHz / 64QAM



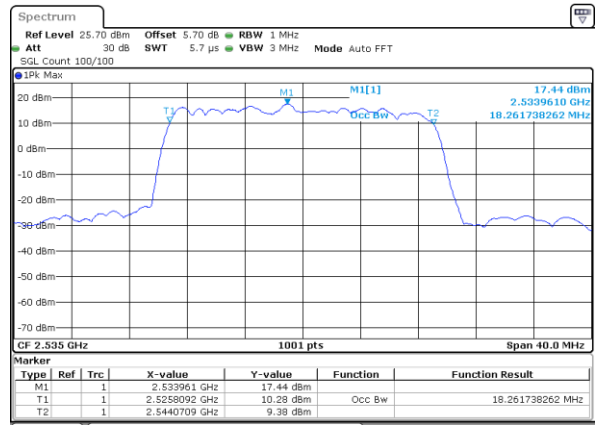
Lowest Channel / 20MHz / 64QAM



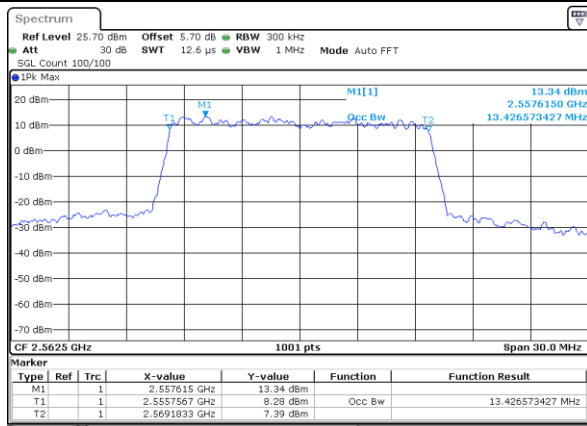
Middle Channel / 15MHz / 64QAM



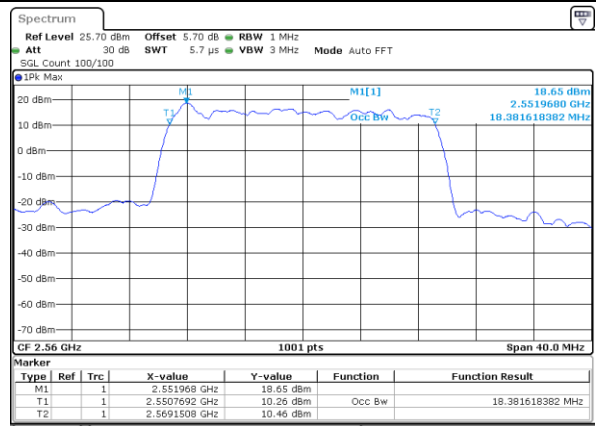
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



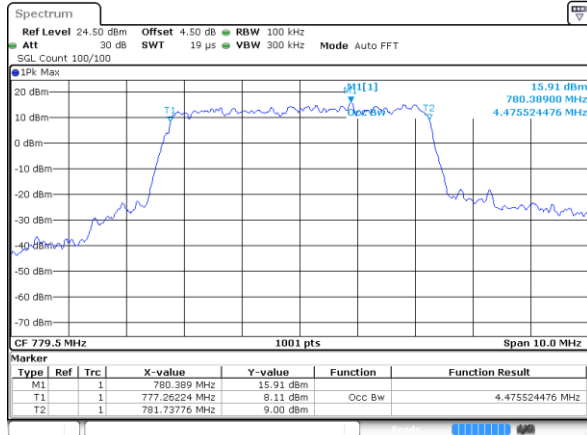
Highest Channel / 20MHz / 64QAM



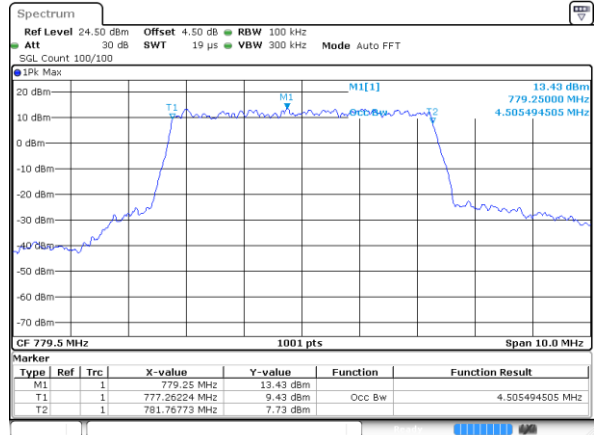


LTE Band 13

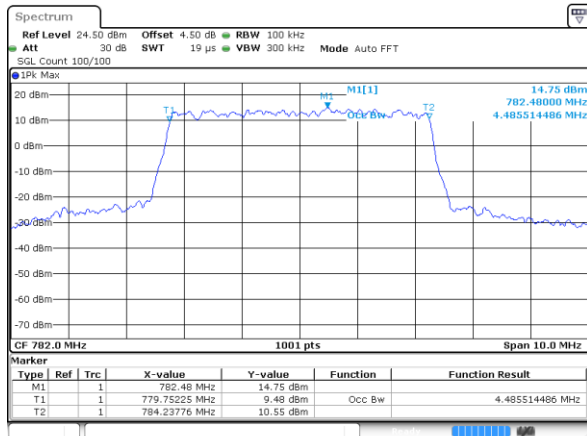
Lowest Channel / 5MHz / QPSK



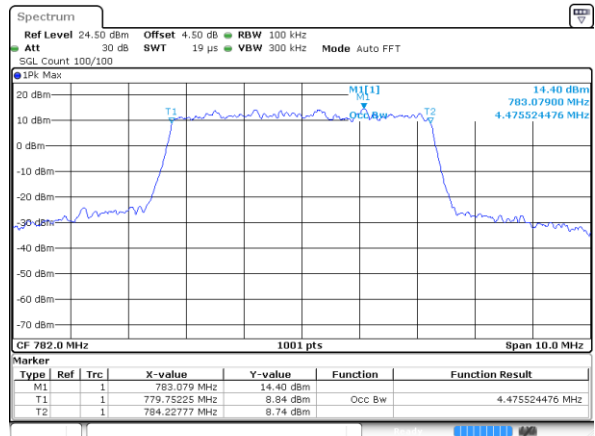
Lowest Channel / 5MHz / 16QAM



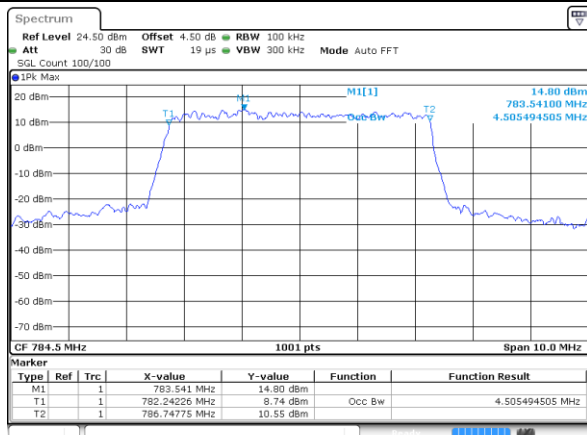
Middle Channel / 5MHz / QPSK



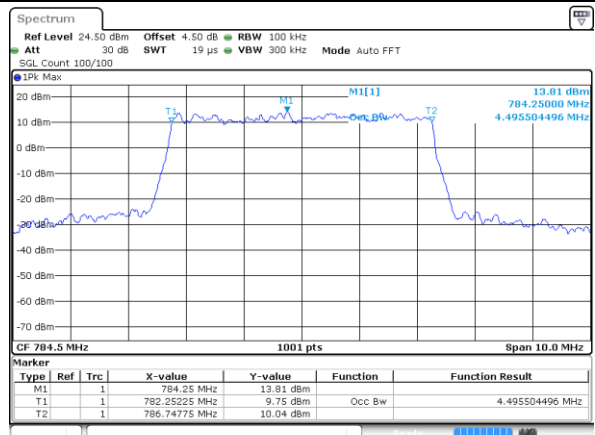
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



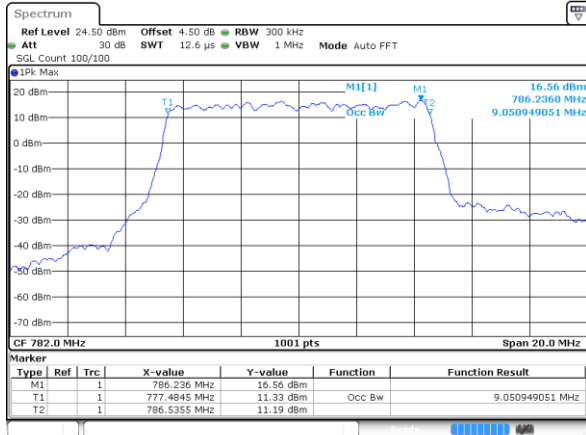
Highest Channel / 5MHz / 16QAM



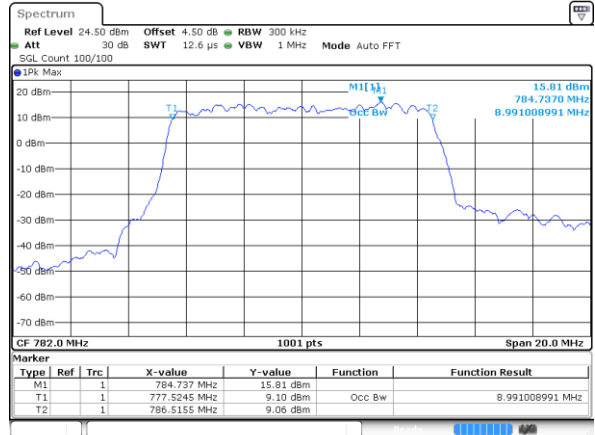


LTE Band 13

Middle Channel / 10MHz / QPSK



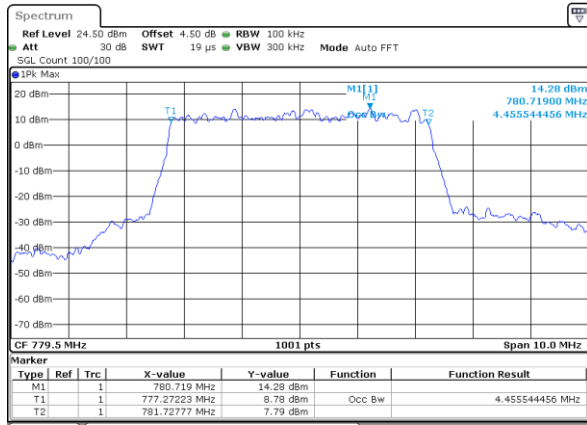
Middle Channel / 10MHz / 16QAM





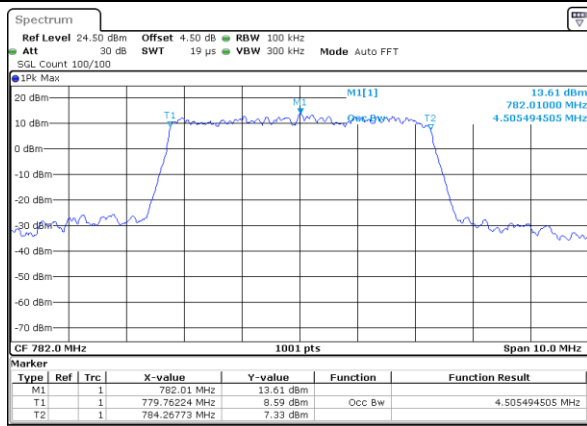
LTE Band 13

Lowest Channel / 5MHz / 64QAM



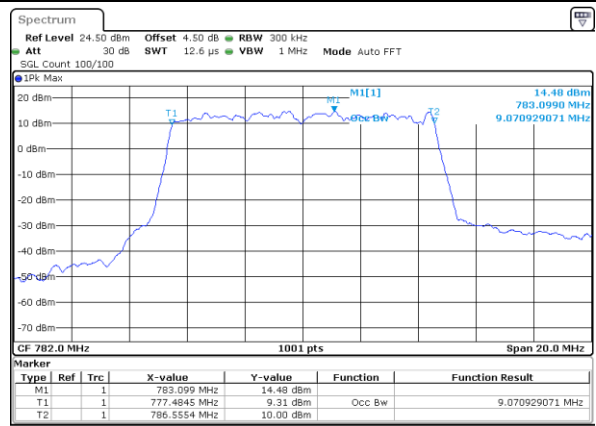
Date: 7 MAR 2019 20:19:39

Middle Channel / 5MHz / 64QAM



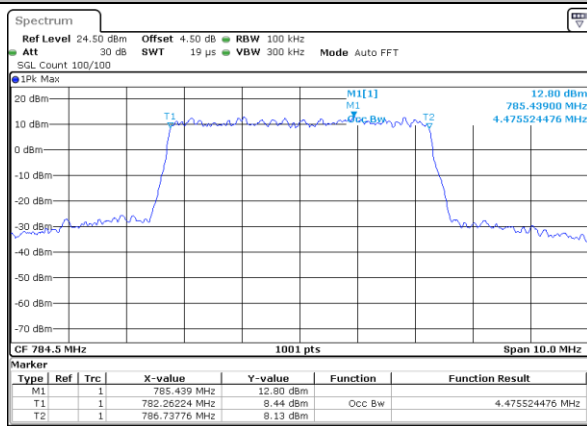
Date: 7 MAR 2019 20:19:50

Middle Channel / 10MHz / 64QAM



Date: 7 MAR 2019 20:27:11

Highest Channel / 5MHz / 64QAM



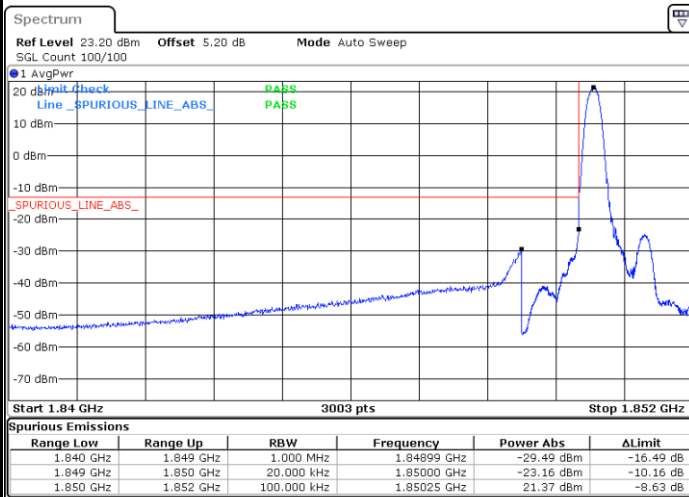
Date: 7 MAR 2019 20:20:00



Conducted Band Edge

LTE Band 2 / 1.4MHz / QPSK

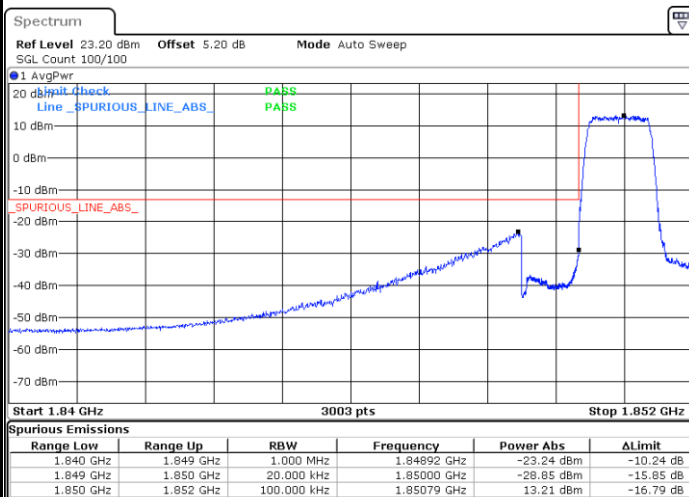
Lowest Band Edge / 1RB



Highest Band Edge / 1RB



Lowest Band Edge / Full RB



Highest Band Edge / Full RB

