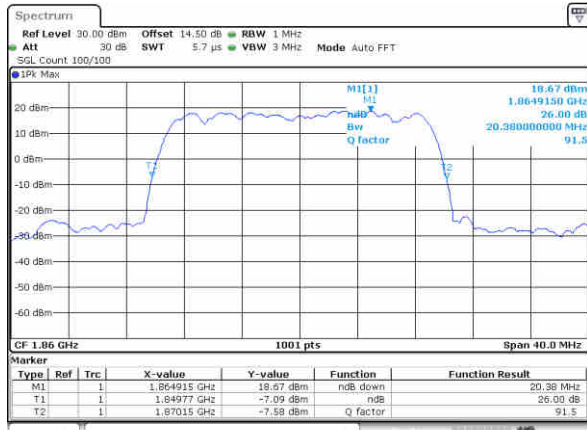


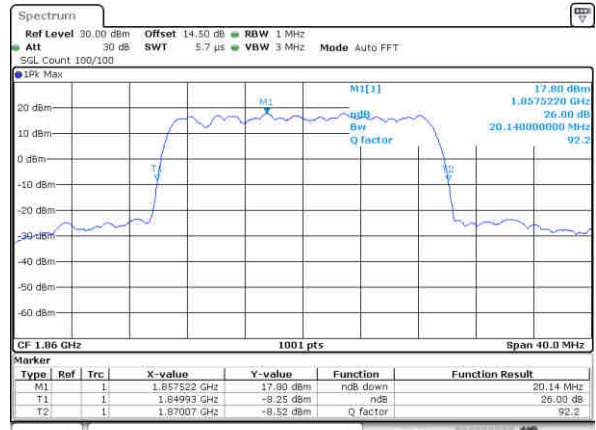


LTE Band 25

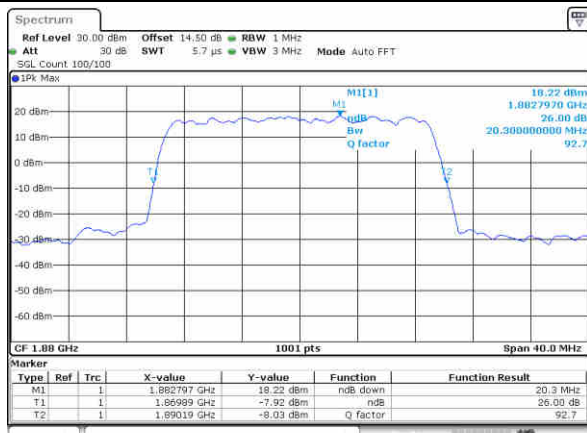
Lowest Channel / 20MHz / QPSK



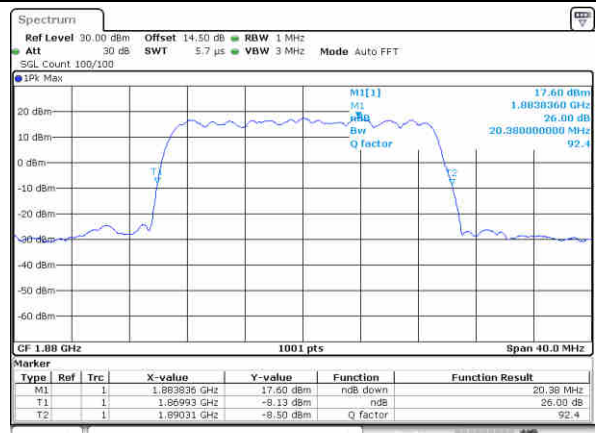
Lowest Channel / 20MHz / 16QAM



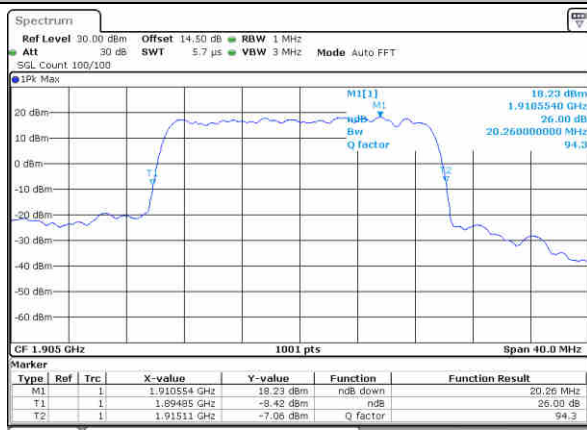
Middle Channel / 20MHz / QPSK



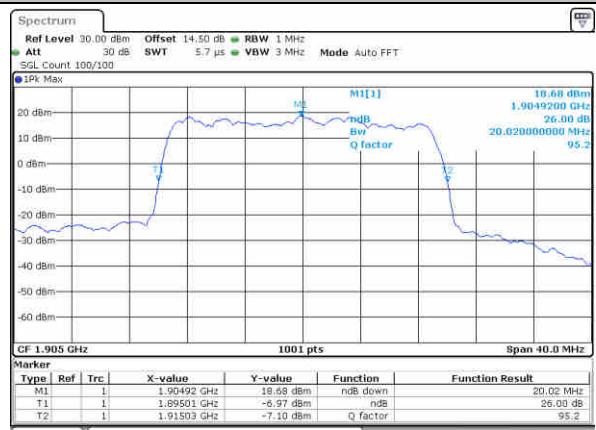
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



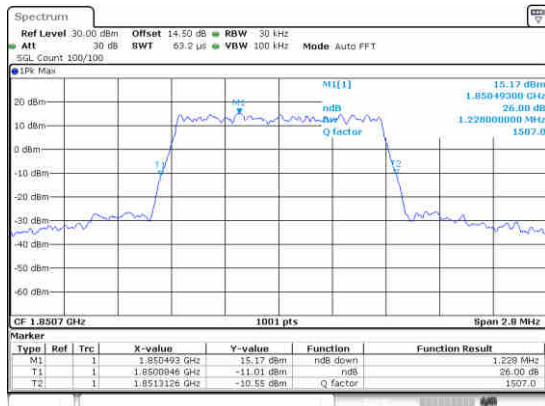
Highest Channel / 20MHz / 16QAM



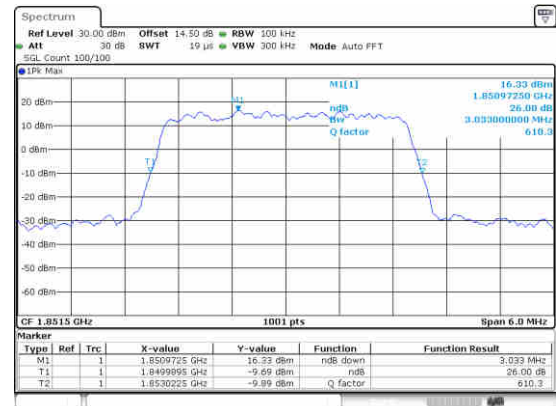


LTE Band 25

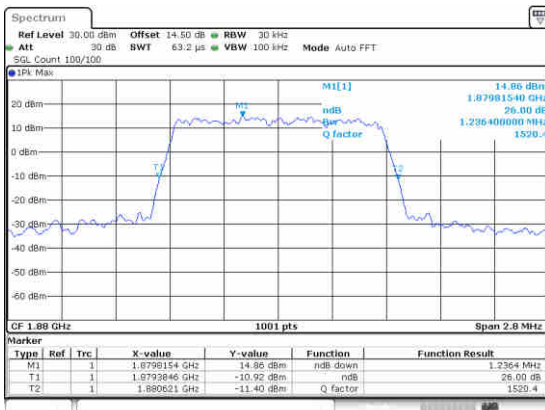
Lowest Channel / 1.4MHz / 64QAM



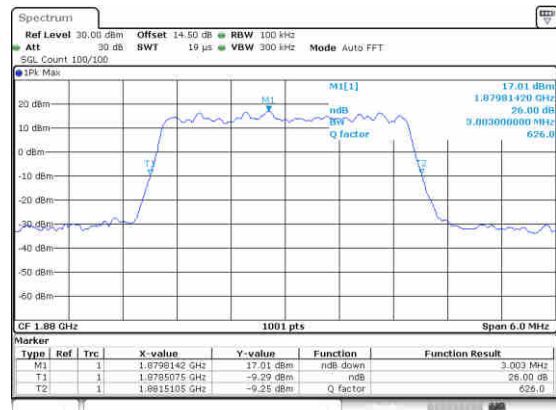
Lowest Channel / 3MHz / 64QAM



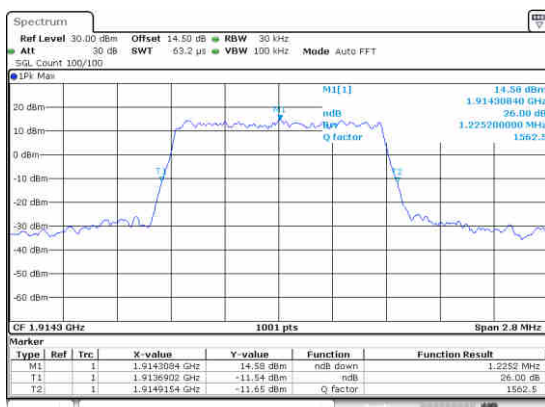
Middle Channel / 1.4MHz / 64QAM



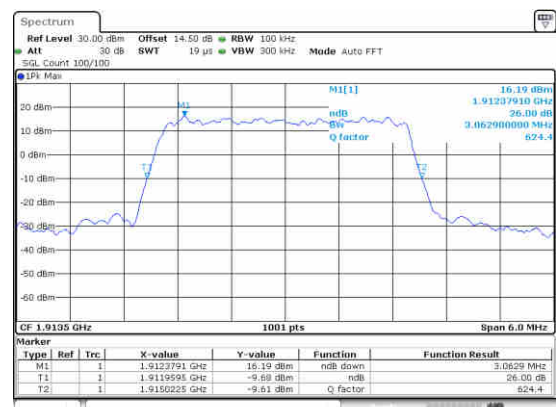
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



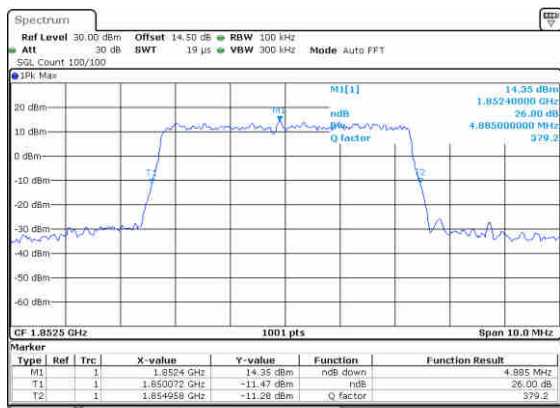
Highest Channel / 3MHz / 64QAM



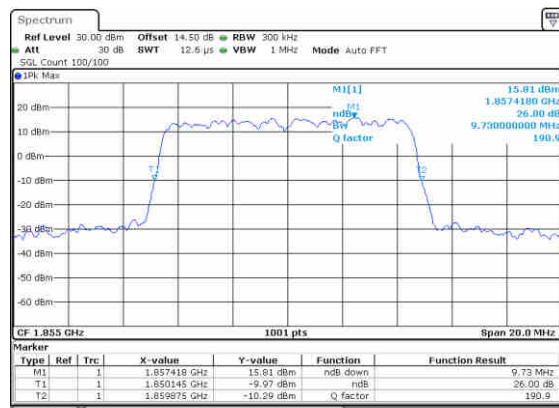


LTE Band 25

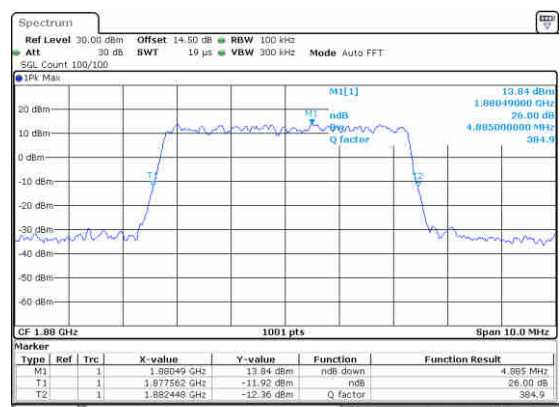
Lowest Channel / 5MHz / 64QAM



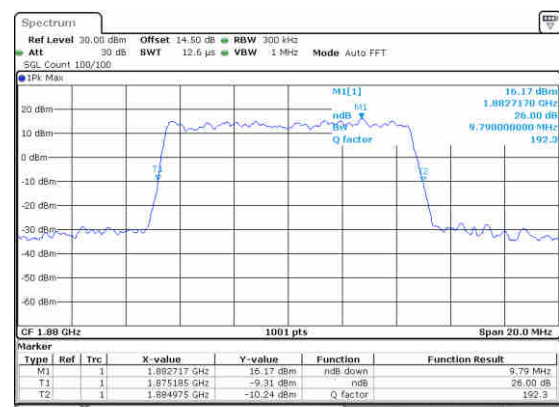
Lowest Channel / 10MHz / 64QAM



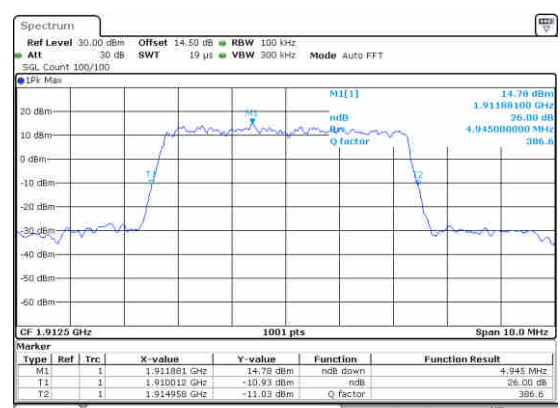
Middle Channel / 5MHz / 64QAM



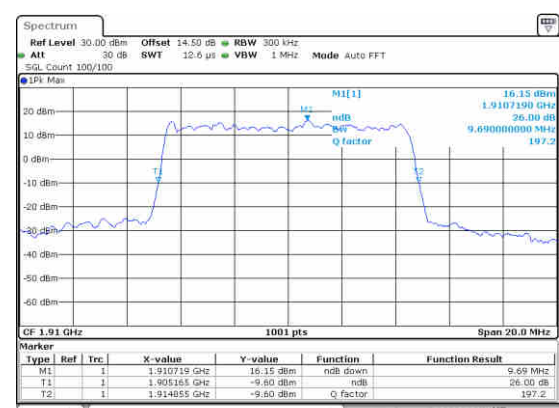
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



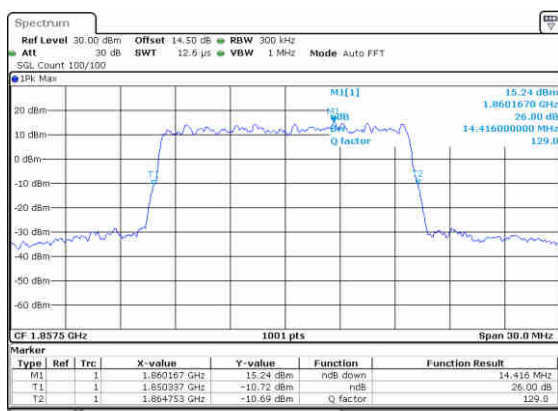
Highest Channel / 10MHz / 64QAM



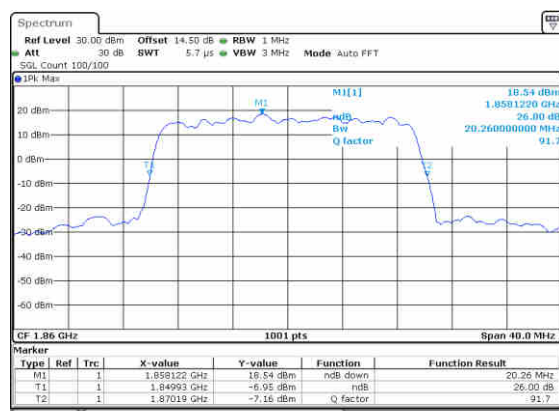


LTE Band 25

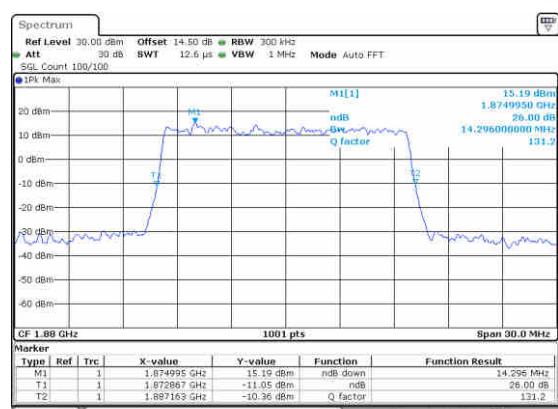
Lowest Channel / 15MHz / 64QAM



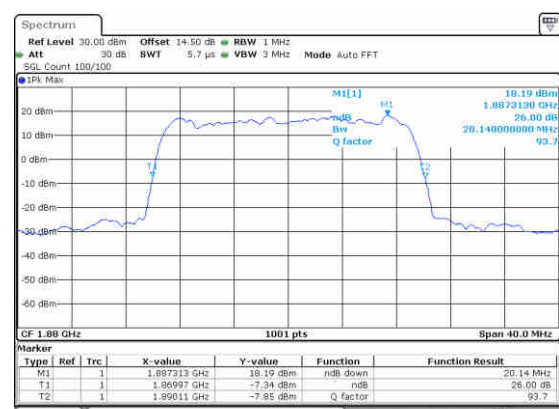
Lowest Channel / 20MHz / 64QAM



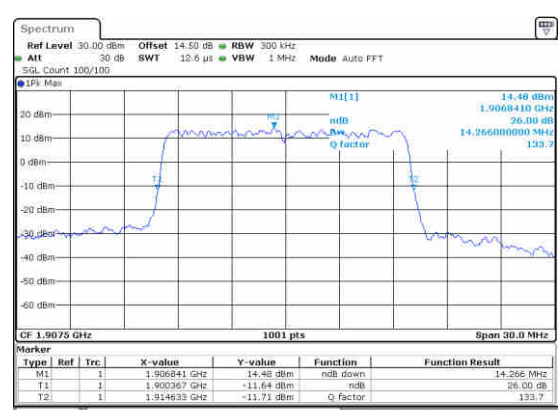
Middle Channel / 15MHz / 64QAM



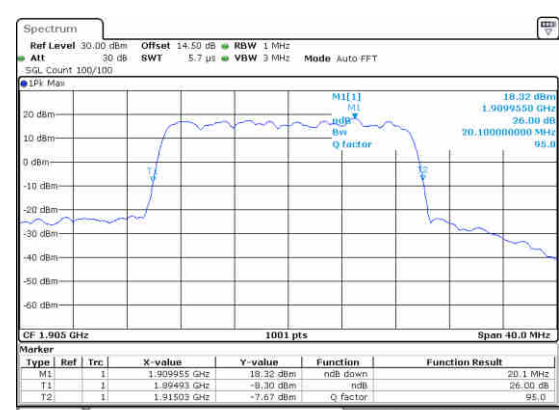
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



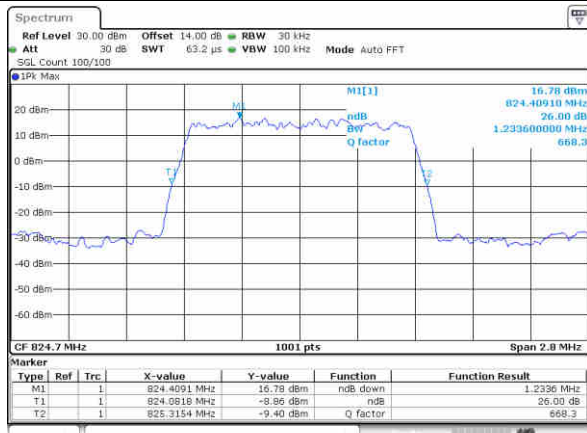
Highest Channel / 20MHz / 64QAM





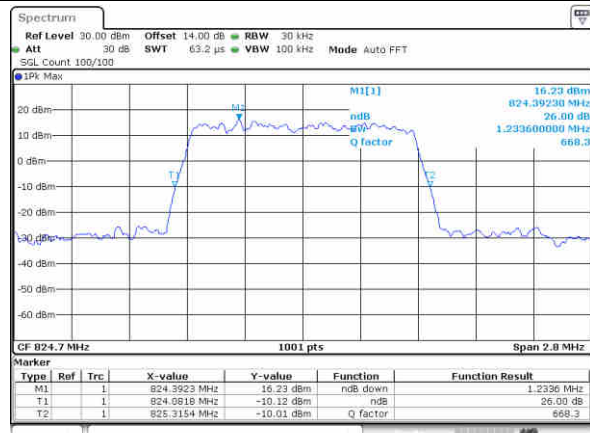
LTE Band 26

Lowest Channel / 1.4MHz / QPSK



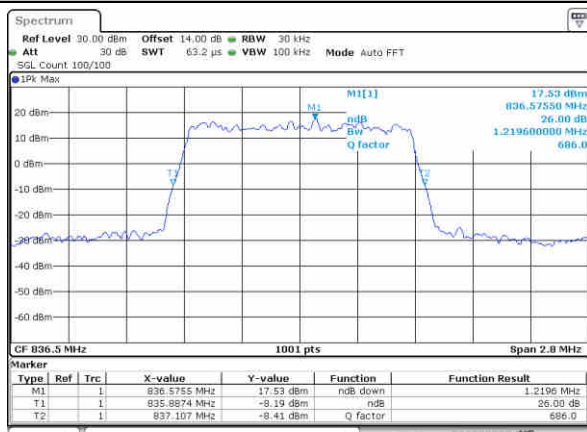
Date: 9 MAY 2019 17:11:24

Lowest Channel / 1.4MHz / 16QAM



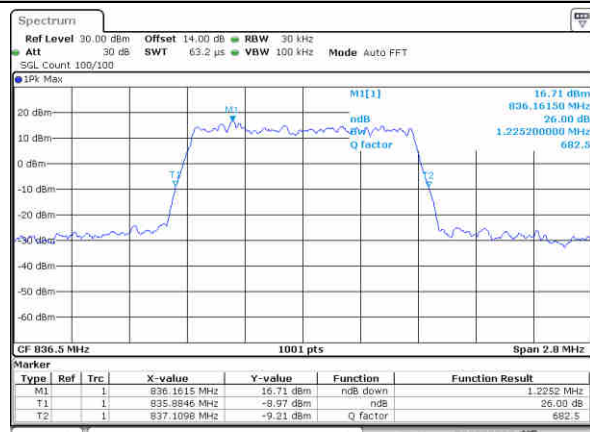
Date: 9 MAY 2019 17:11:14

Middle Channel / 1.4MHz / QPSK



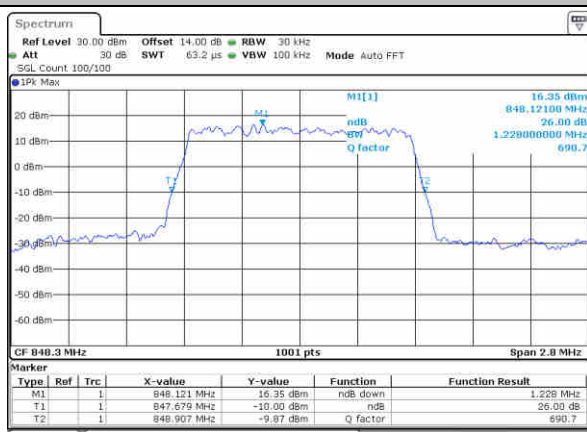
Date: 9 MAY 2019 17:13:47

Middle Channel / 1.4MHz / 16QAM



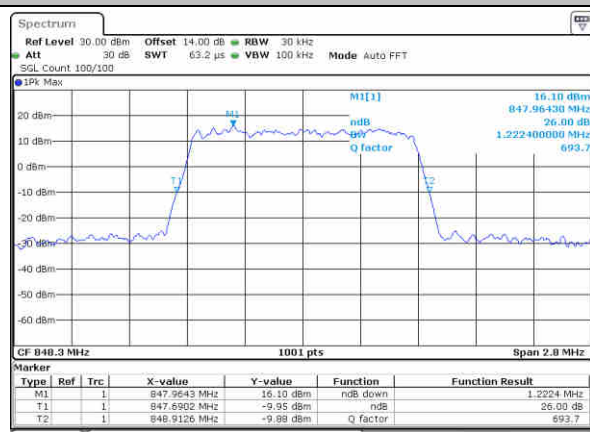
Date: 9 MAY 2019 17:13:57

Highest Channel / 1.4MHz / QPSK



Date: 9 MAY 2019 17:16:20

Highest Channel / 1.4MHz / 16QAM

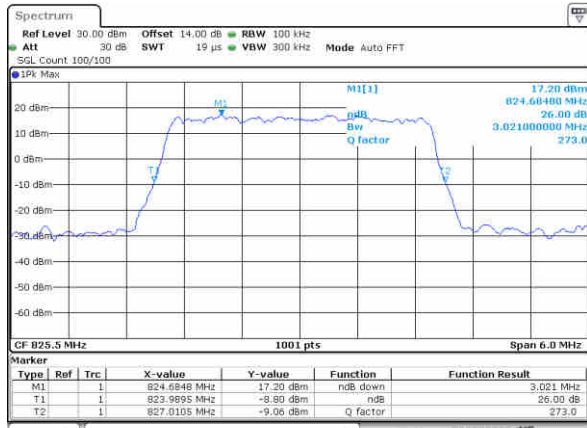


Date: 9 MAY 2019 17:16:30



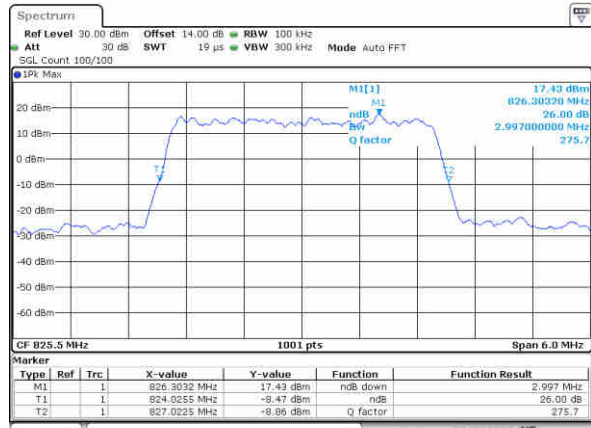
LTE Band 26

Lowest Channel / 3MHz / QPSK



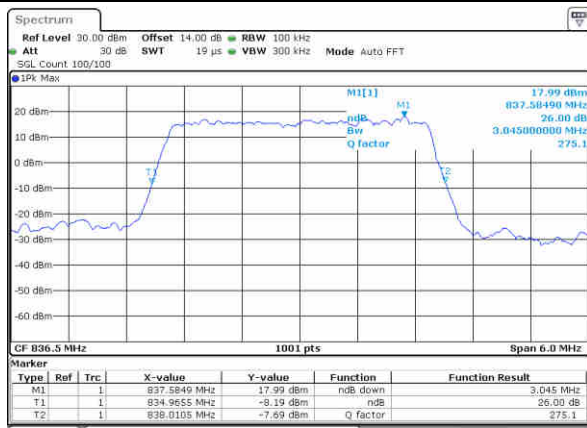
Date: 9 MAY, 2019 17:18:53

Lowest Channel / 3MHz / 16QAM



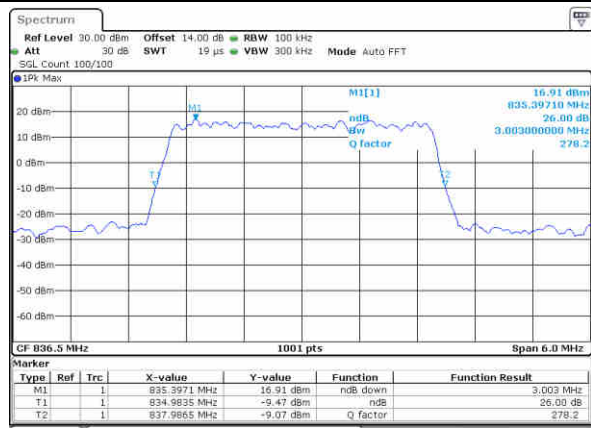
Date: 9 MAY, 2019 17:19:03

Middle Channel / 3MHz / QPSK



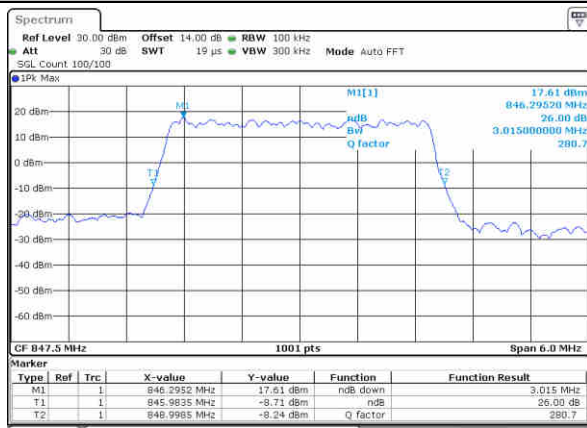
Date: 9 MAY, 2019 17:21:26

Middle Channel / 3MHz / 16QAM



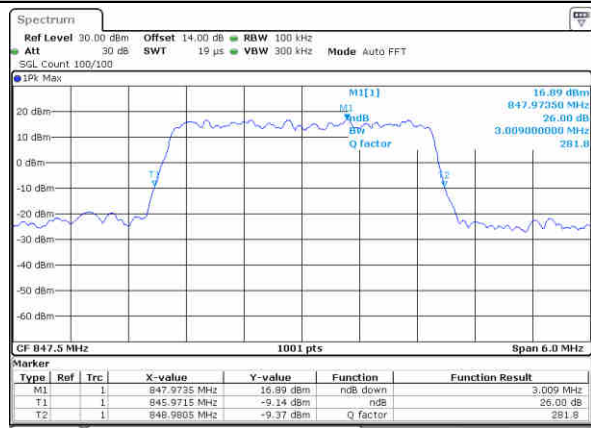
Date: 9 MAY, 2019 17:21:36

Highest Channel / 3MHz / QPSK



Date: 9 MAY, 2019 17:28:00

Highest Channel / 3MHz / 16QAM

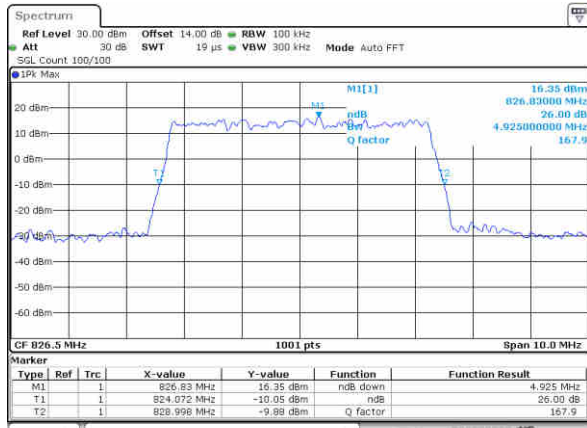


Date: 9 MAY, 2019 17:28:10



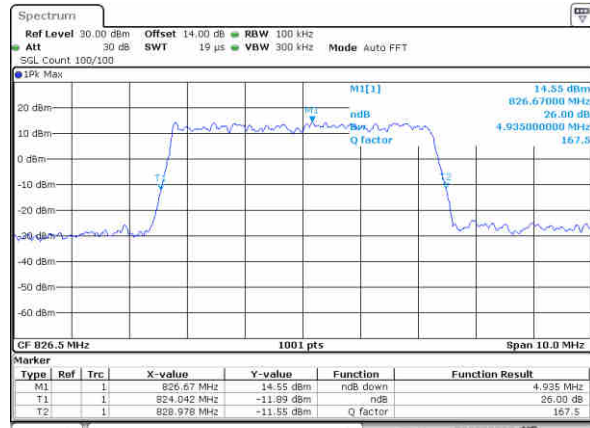
LTE Band 26

Lowest Channel / 5MHz / QPSK



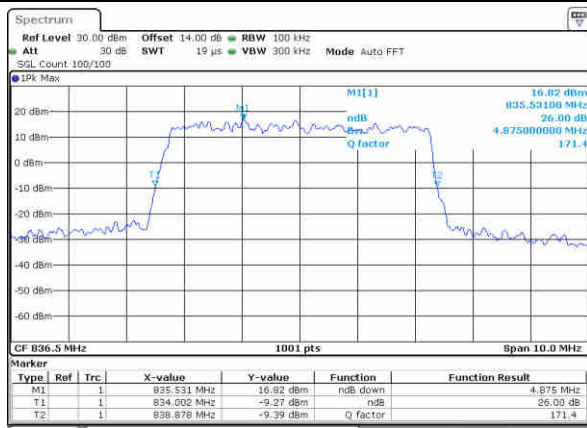
Date: 9 MAY, 2019 17:26:33

Lowest Channel / 5MHz / 16QAM



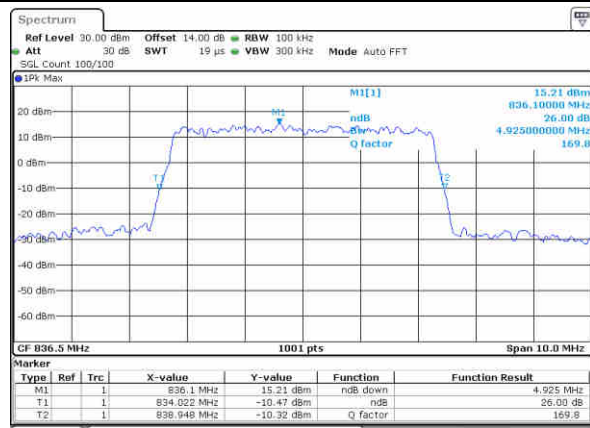
Date: 9 MAY, 2019 17:26:43

Middle Channel / 5MHz / QPSK



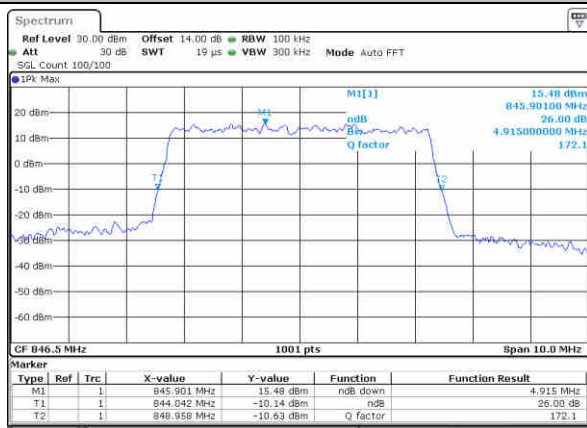
Date: 9 MAY, 2019 17:29:10

Middle Channel / 5MHz / 16QAM



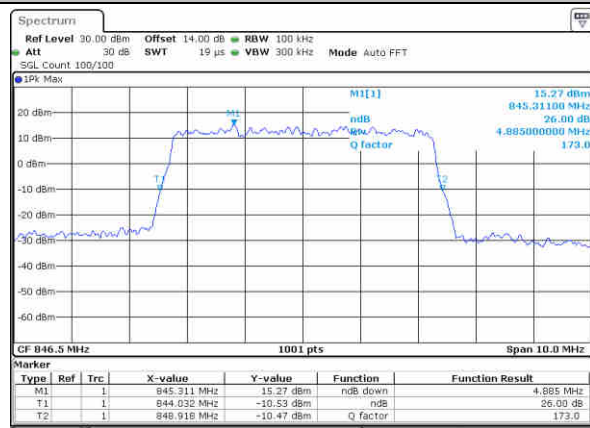
Date: 9 MAY, 2019 17:29:21

Highest Channel / 5MHz / QPSK



Date: 9 MAY, 2019 17:31:44

Highest Channel / 5MHz / 16QAM

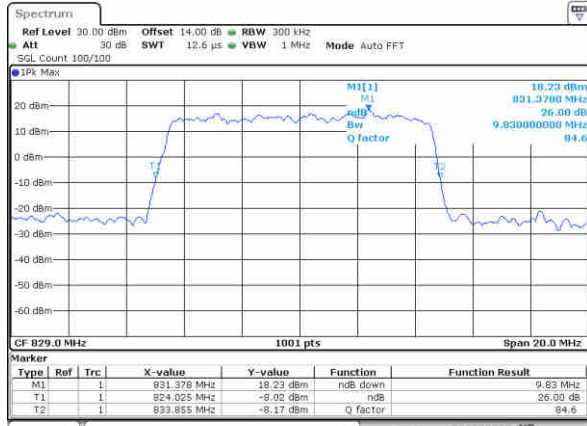


Date: 9 MAY, 2019 17:31:54



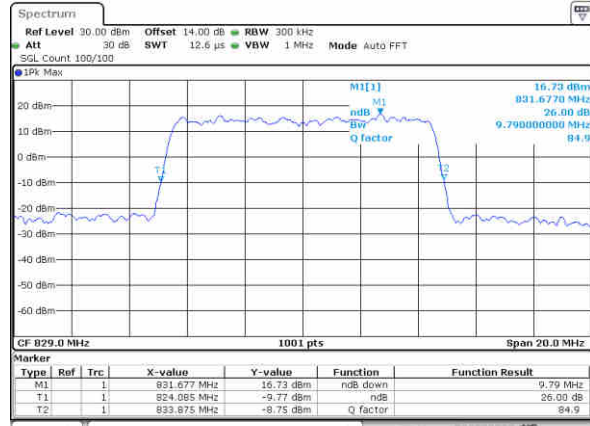
LTE Band 26

Lowest Channel / 10MHz / QPSK



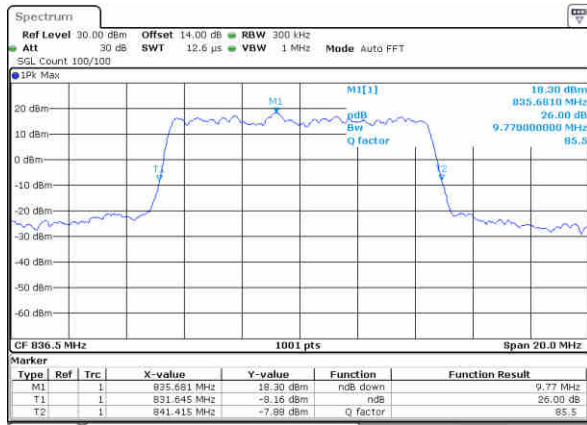
Date: 9 MAY, 2019 17:34:17

Lowest Channel / 10MHz / 16QAM



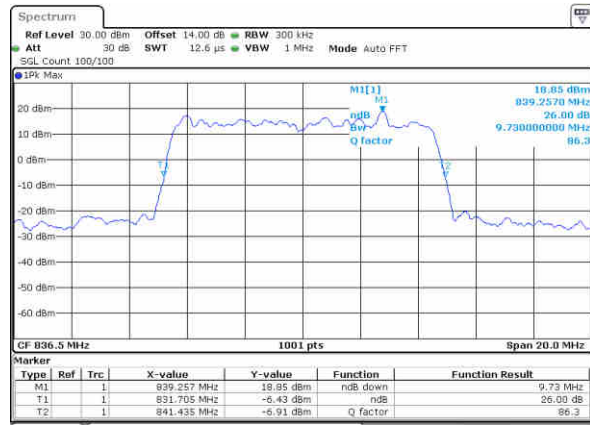
Date: 9 MAY, 2019 17:34:28

Middle Channel / 10MHz / QPSK



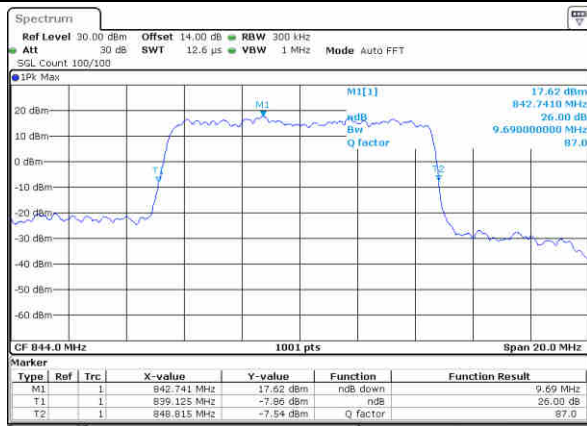
Date: 9 MAY, 2019 17:34:51

Middle Channel / 10MHz / 16QAM



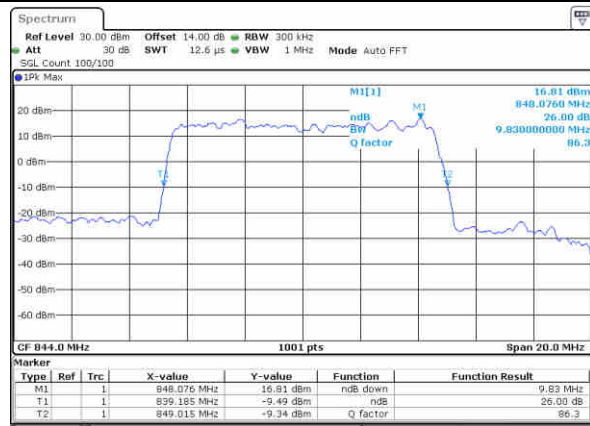
Date: 9 MAY, 2019 17:35:01

Highest Channel / 10MHz / QPSK



Date: 9 MAY, 2019 17:39:24

Highest Channel / 10MHz / 16QAM

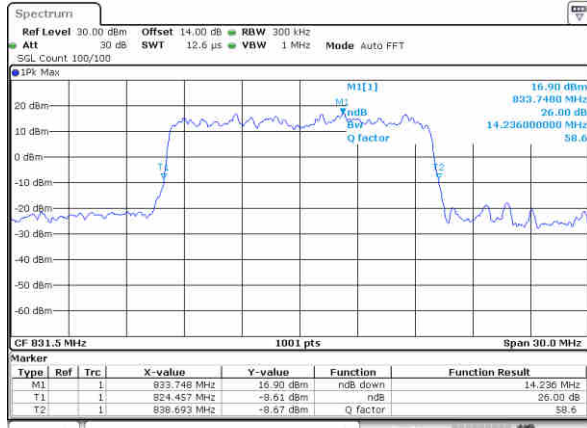


Date: 9 MAY, 2019 17:39:34

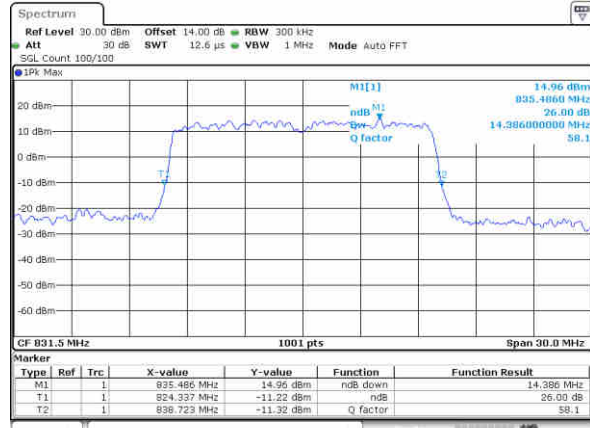


LTE Band 26

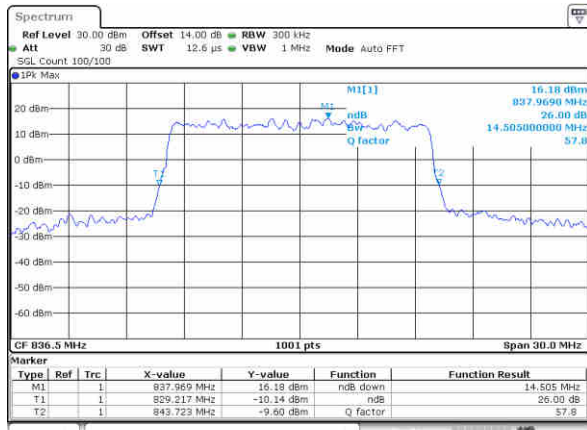
Lowest Channel / 15MHz / QPSK



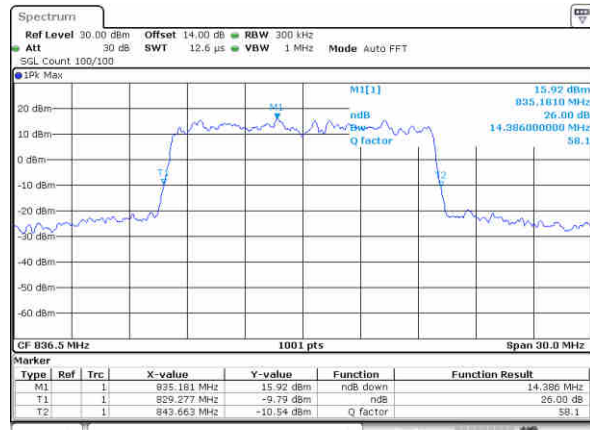
Lowest Channel / 15MHz / 16QAM



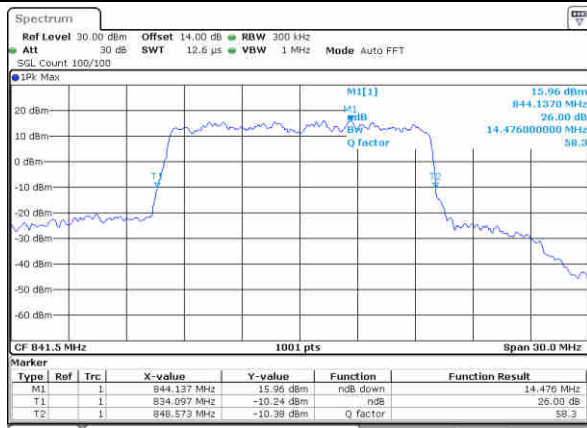
Middle Channel / 15MHz / QPSK



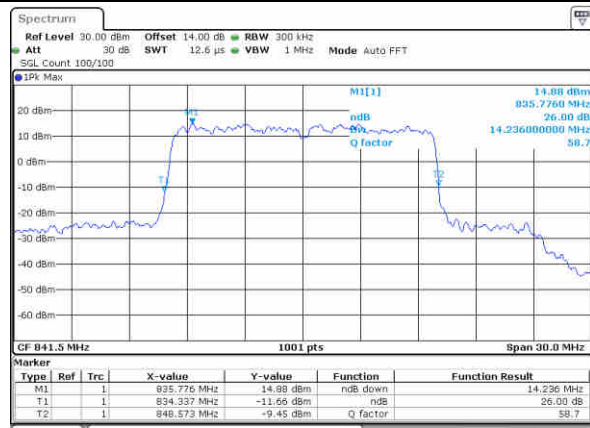
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



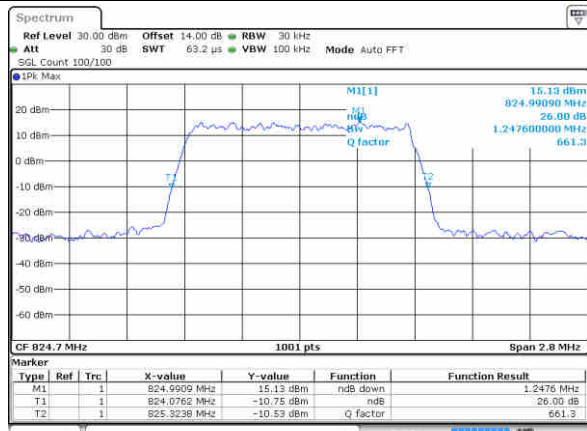
Highest Channel / 15MHz / 16QAM





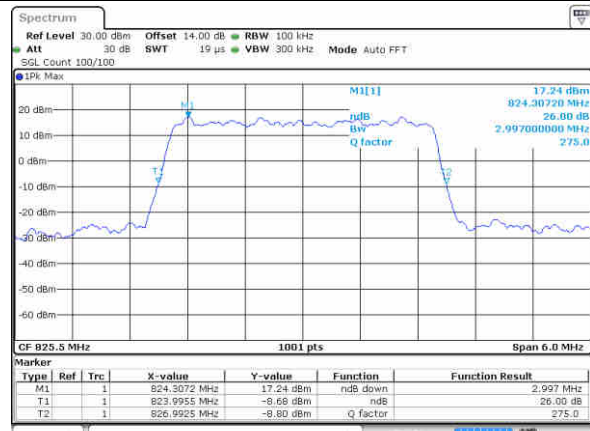
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



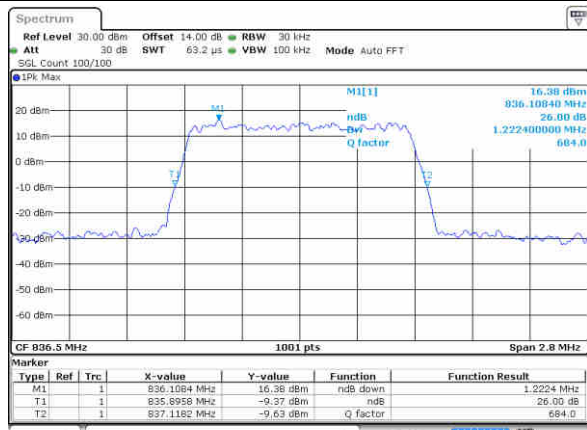
Date: 10 MAY 2019 17:02:10

Lowest Channel / 3MHz / 64QAM



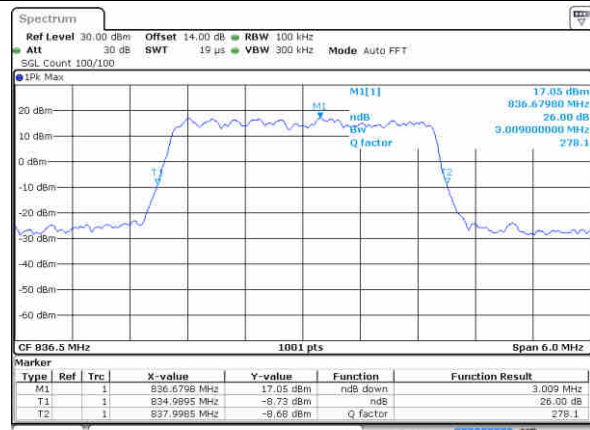
Date: 10 MAY 2019 17:15:11

Middle Channel / 1.4MHz / 64QAM



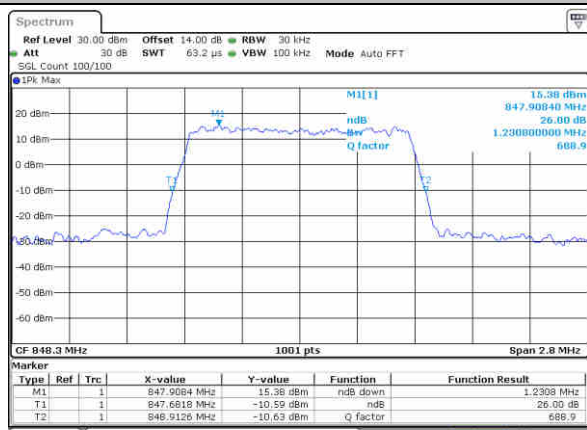
Date: 10 MAY 2019 17:07:22

Middle Channel / 3MHz / 64QAM



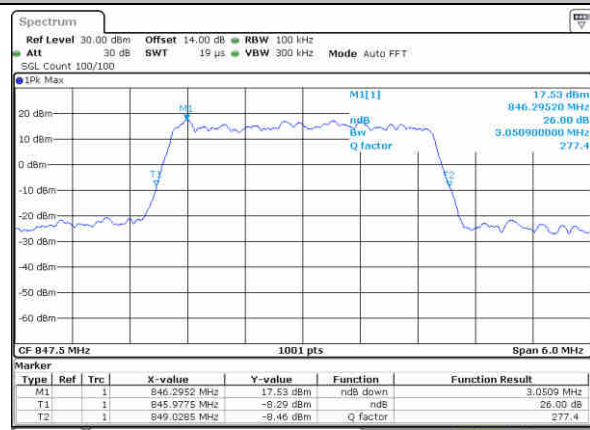
Date: 10 MAY 2019 17:16:26

Highest Channel / 1.4MHz / 64QAM



Date: 10 MAY 2019 17:08:36

Highest Channel / 3MHz / 64QAM

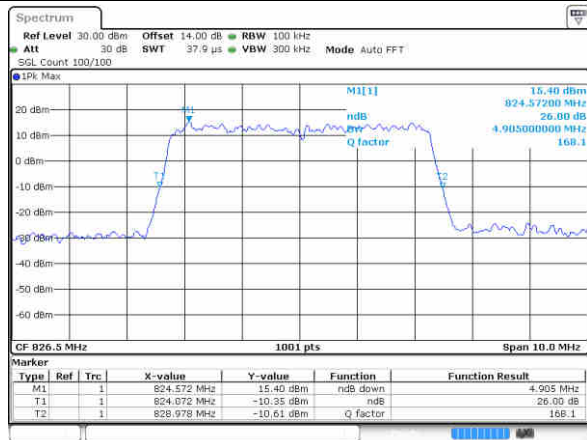


Date: 10 MAY 2019 17:17:40

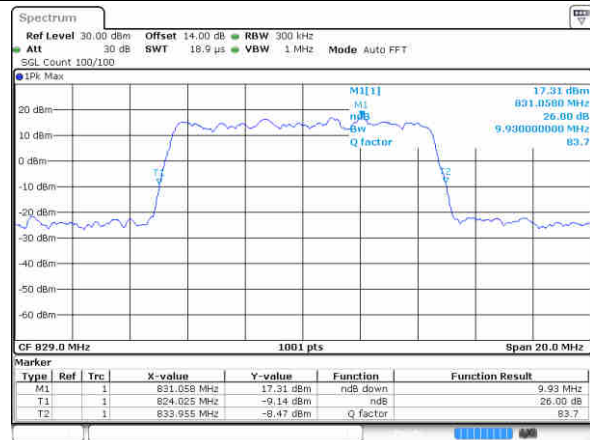


LTE Band 26

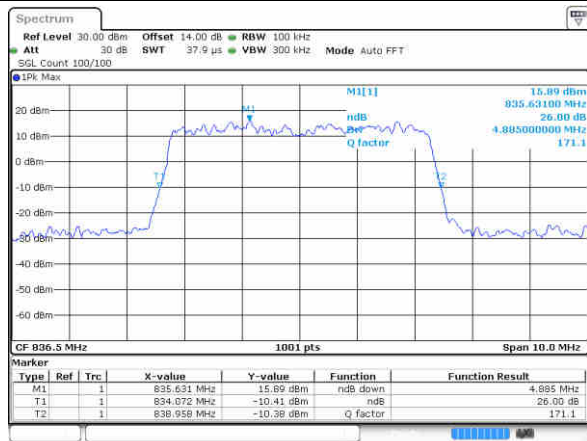
Lowest Channel / 5MHz / 64QAM



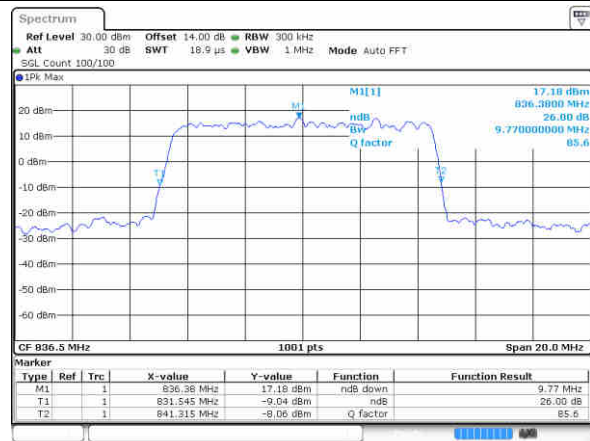
Lowest Channel / 10MHz / 64QAM



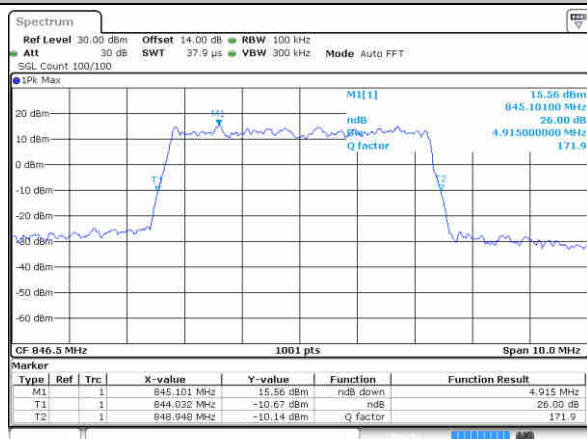
Middle Channel / 5MHz / 64QAM



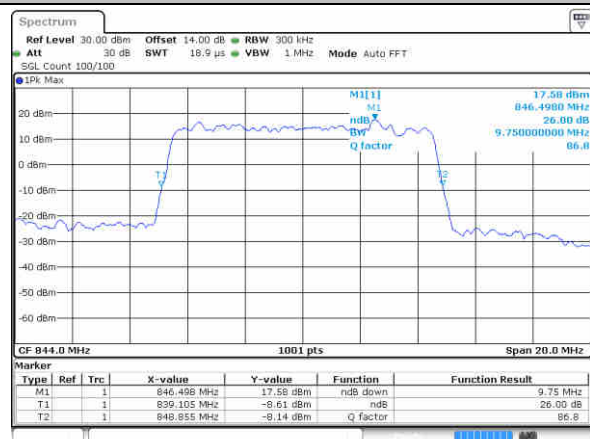
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



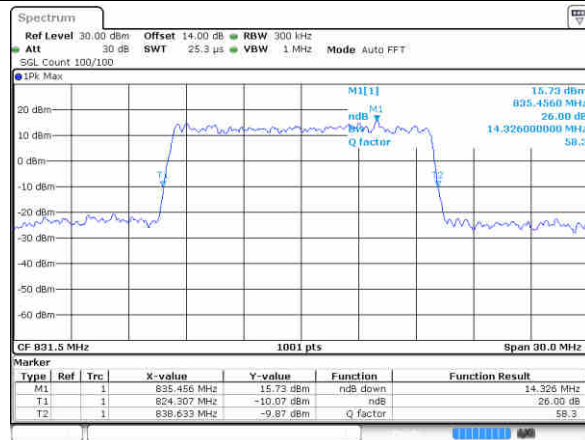
Highest Channel / 10MHz / 64QAM



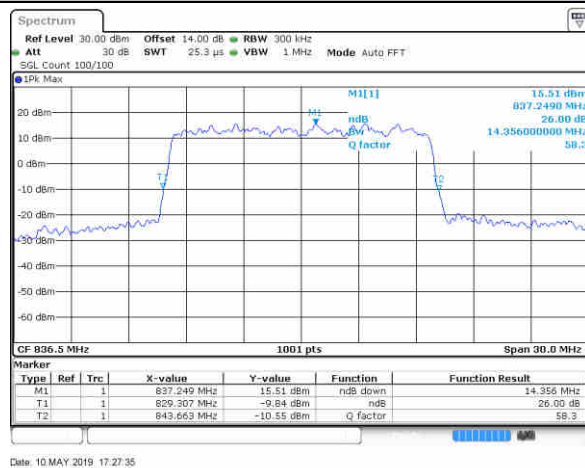


LTE Band 26

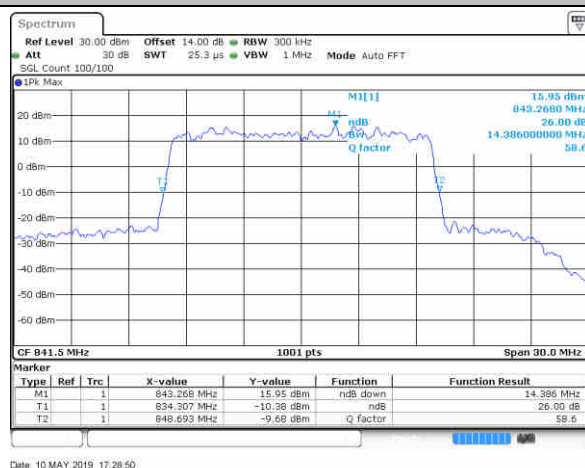
Lowest Channel / 15MHz / 64QAM



Middle Channel / 15MHz / 64QAM



Highest Channel / 15MHz / 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	1.08	2.72	2.72	4.5	4.51	9.01	9.01	13.49	13.52	18.38	18.3
Middle CH	1.09	1.09	2.72	2.73	4.51	4.49	9.03	8.97	13.43	13.49	18.18	18.42
Highest CH	1.09	1.1	2.71	2.72	4.48	4.48	9.03	9.01	13.4	13.43	18.34	18.5
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.01		13.49		18.30	
Middle CH	1.08		2.72		4.49		9.03		13.34		18.42	
Highest CH	1.09		2.72		4.49		8.99		13.46		18.46	

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.08	1.09	2.73	2.73	4.53	4.49	9.05	8.99	1.08	2.72	4.47	9.03
Middle CH	1.09	1.09	2.72	2.72	4.49	4.51	9.01	9.03	1.09	2.71	4.49	9.01
Highest CH	1.09	1.08	2.72	2.73	4.5	4.5	9.03	9.03	1.09	2.72	4.49	9.03

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.74	2.72	4.51	4.5	9.11	8.99	1.08	2.72	4.48	9.03
Middle CH	1.09	1.09	2.72	2.7	4.5	4.5	9.03	9.01	1.08	2.72	4.5	9.05
Highest CH	1.09	1.09	2.72	2.72	4.48	4.49	8.99	8.93	1.09	2.70	4.47	9.01



Mode	LTE Band 13 : 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	-	-	-	-	4.51	4.51	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.5	9.03	8.99	-	-	-	-
Highest CH	-	-	-	-	4.49	4.49	-	-	-	-	-	-
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.5							
Middle CH					4.47		9.03					
Highest CH					4.49							

Mode	LTE Band 17 : 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	4.51	9.01	9.05	-	-	-	-
Middle CH	-	-	-	-	4.5	4.48	9.07	8.99	-	-	-	-
Highest CH	-	-	-	-	4.48	4.47	9.09	9.05	-	-	-	-
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.51		9.07		-		-	
Middle CH	-		-		4.52		9.07		-		-	
Highest CH	-		-		4.49		9.03		-		-	

Mode	LTE Band 25 : 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	1.10	2.73	2.71	4.49	4.49	8.99	9.01	13.40	13.37	18.42	18.34
Middle CH	1.09	1.09	2.72	2.72	4.50	4.50	9.01	8.97	13.37	13.43	18.22	18.42
Highest CH	1.09	1.09	2.73	2.72	4.47	4.49	9.03	9.03	13.40	13.43	18.42	18.38
Mode	LTE Band 25 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.01		13.43		18.34	
Middle CH	1.09		2.74		4.50		9.03		13.40		18.38	
Highest CH	1.09		2.72		4.48		9.01		13.40		18.34	

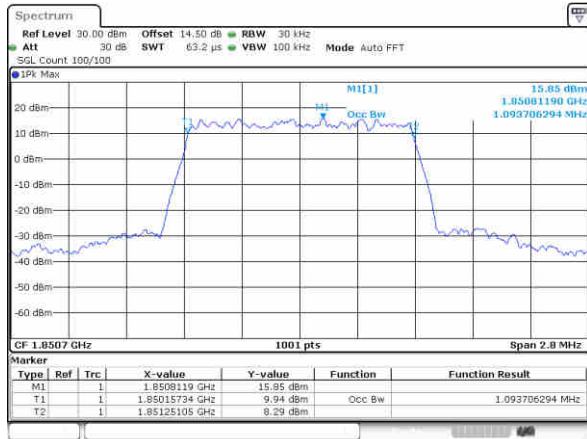


Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.7	2.72	4.5	4.5	9.03	9.03	13.37	13.46	13.43	13.37
Middle CH	1.09	1.09	2.72	2.72	4.48	4.49	9.01	9.01	13.37	13.46	-	-
Highest CH	1.09	1.09	2.73	2.72	4.5	4.47	9.03	9.03	13.4	13.46	-	-
Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.75		4.5		9.07		13.43		13.46	
Middle CH	1.09		2.72		4.48		9.05		13.46			
Highest CH	1.09		2.72		4.48		9.03		13.4			

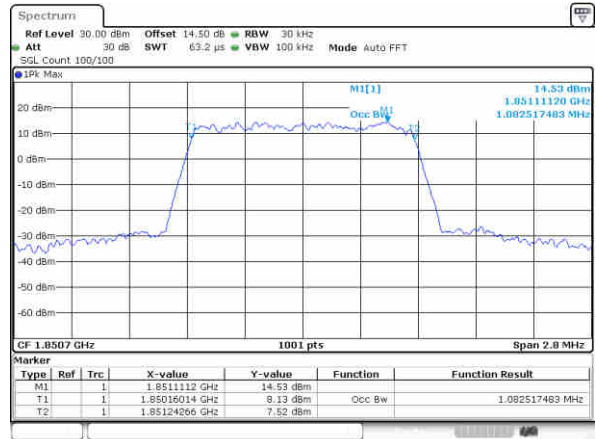


LTE Band 2

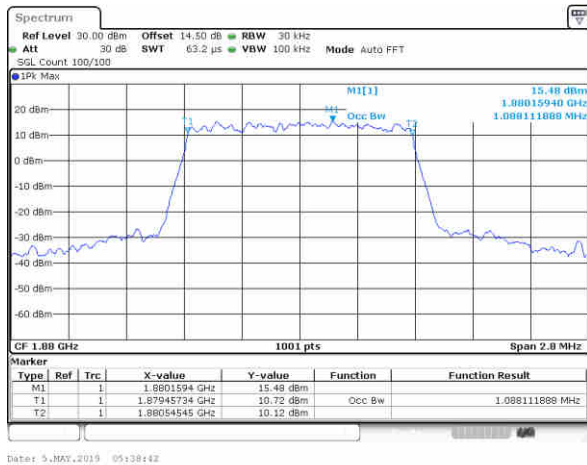
Lowest Channel / 1.4MHz / QPSK



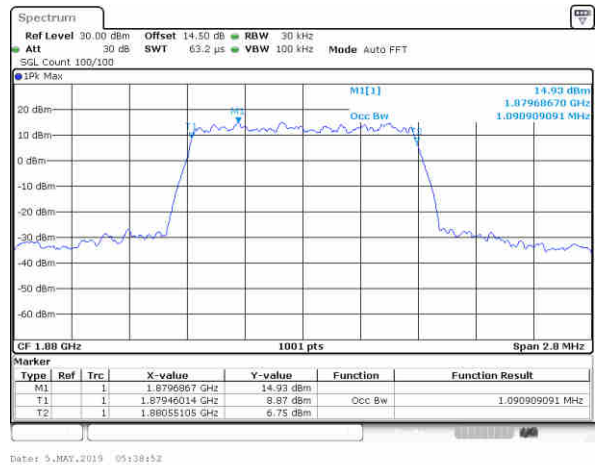
Lowest Channel / 1.4MHz / 16QAM



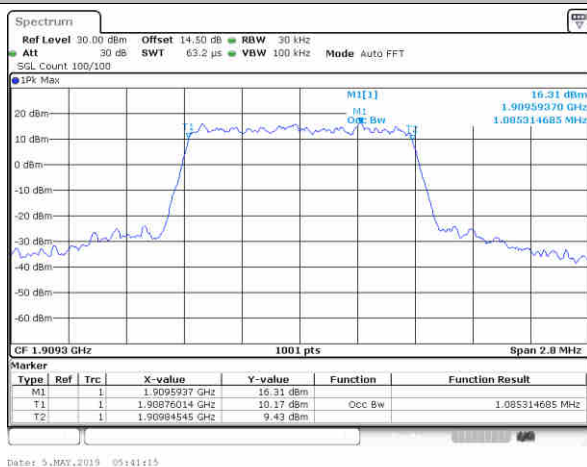
Middle Channel / 1.4MHz / QPSK



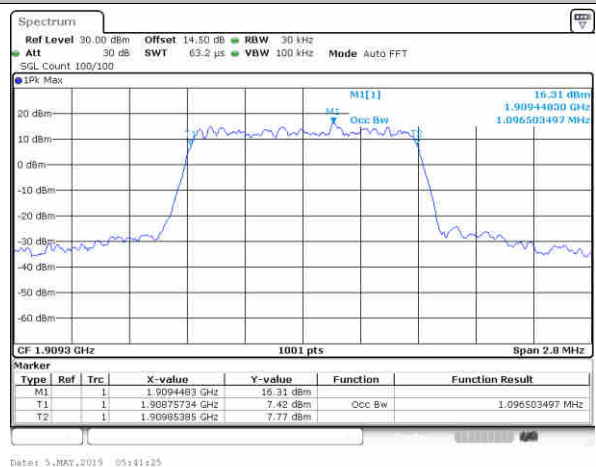
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



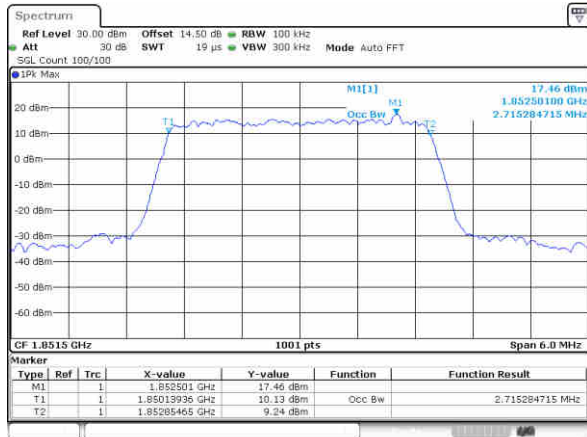
Highest Channel / 1.4MHz / 16QAM



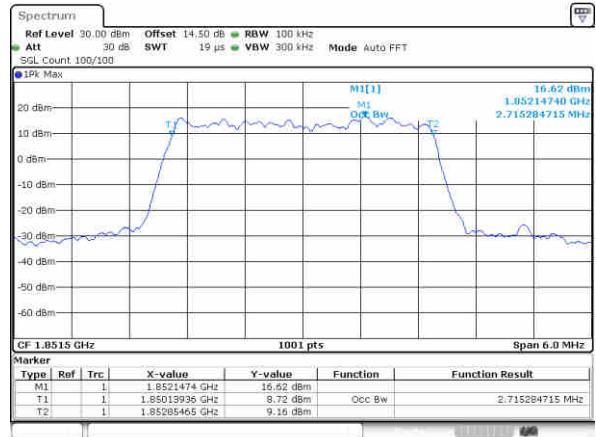


LTE Band 2

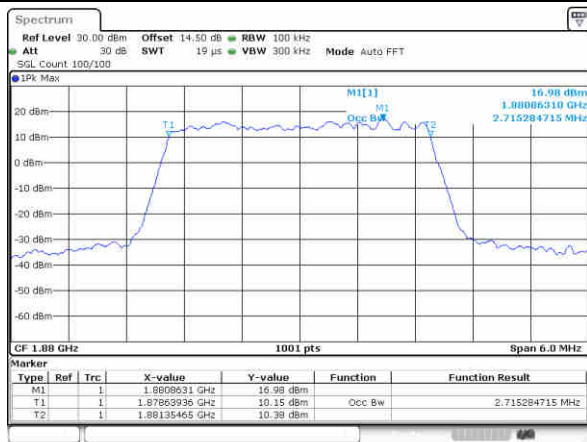
Lowest Channel / 3MHz / QPSK



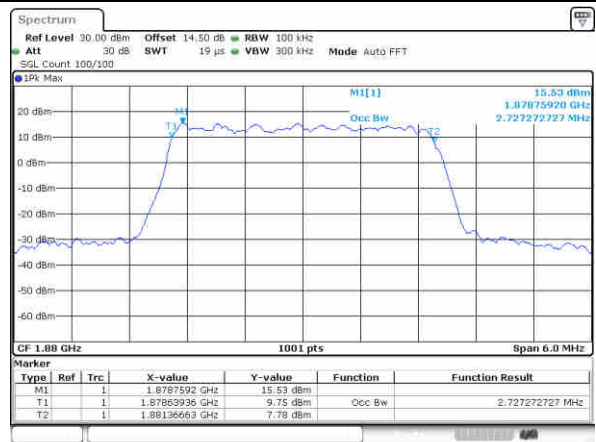
Lowest Channel / 3MHz / 16QAM



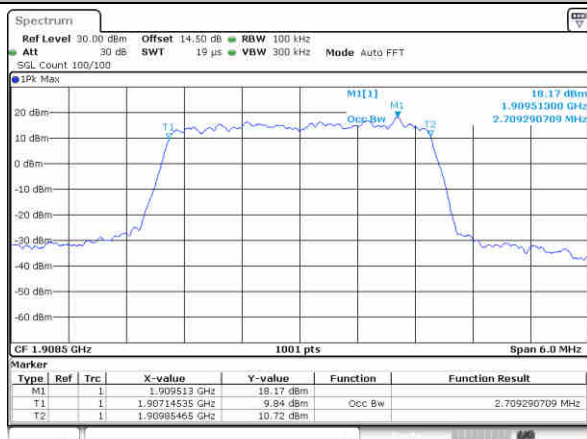
Middle Channel / 3MHz / QPSK



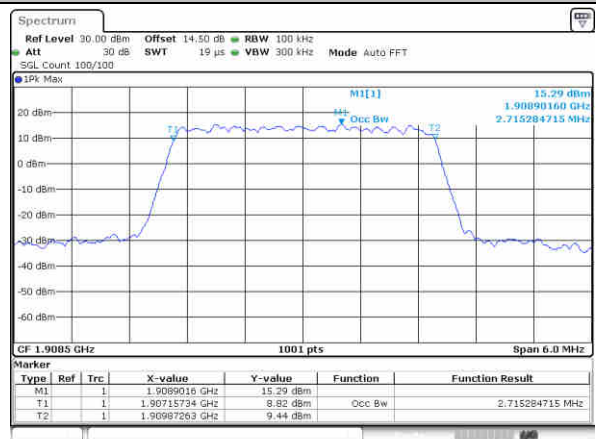
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



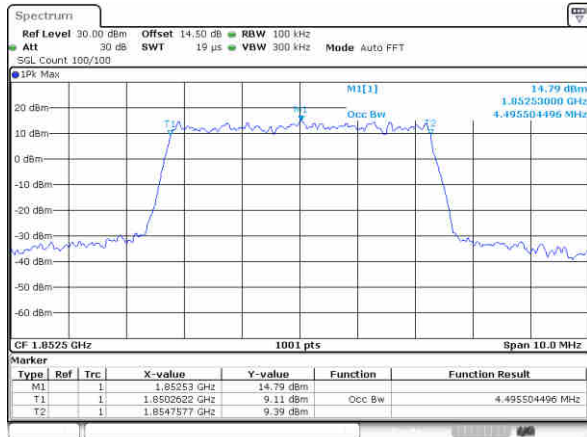
Highest Channel / 3MHz / 16QAM



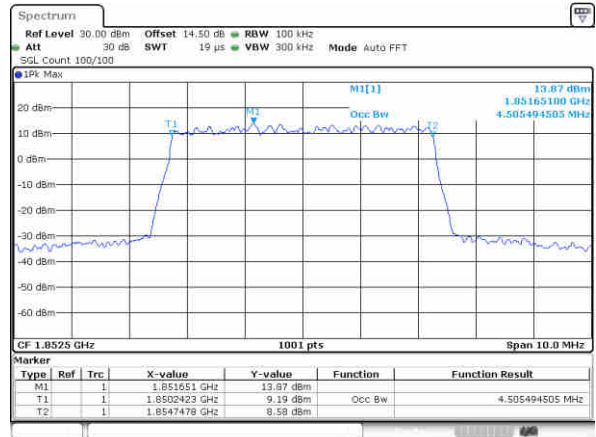


LTE Band 2

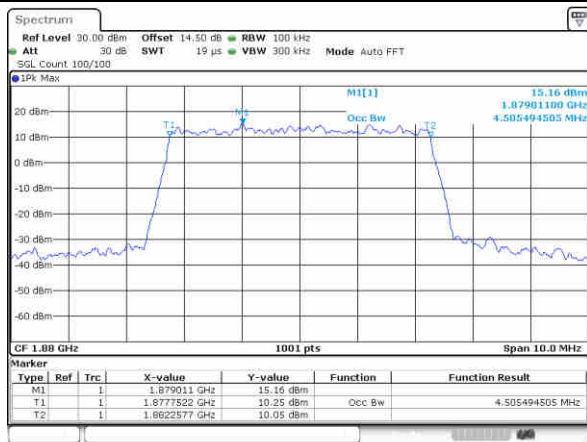
Lowest Channel / 5MHz / QPSK



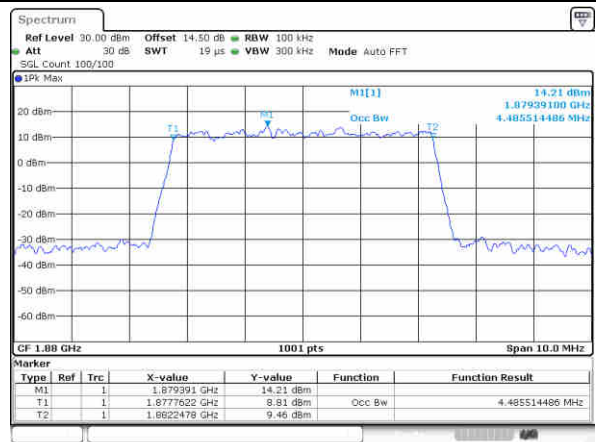
Lowest Channel / 5MHz / 16QAM



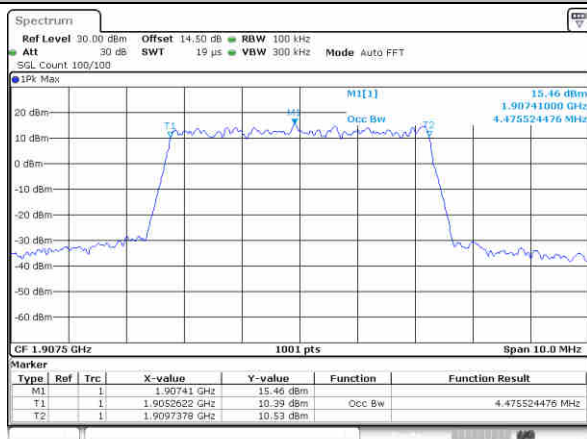
Middle Channel / 5MHz / QPSK



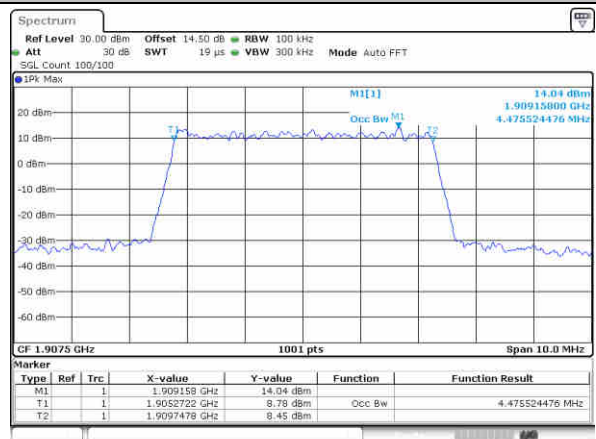
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



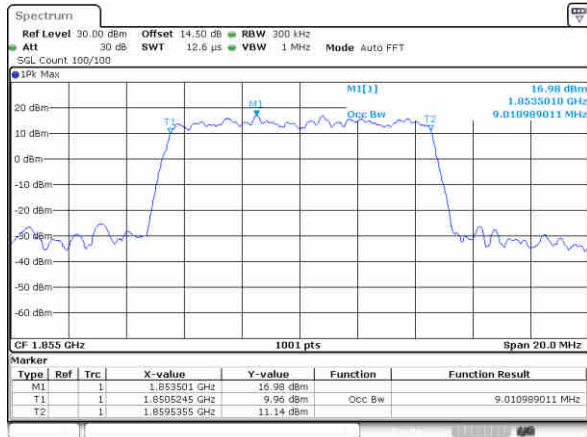
Highest Channel / 5MHz / 16QAM



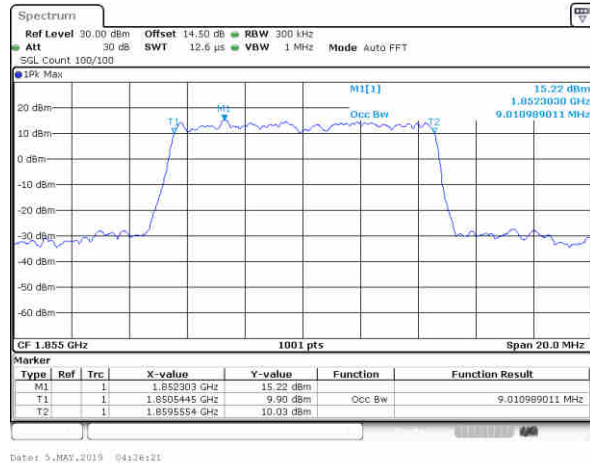


LTE Band 2

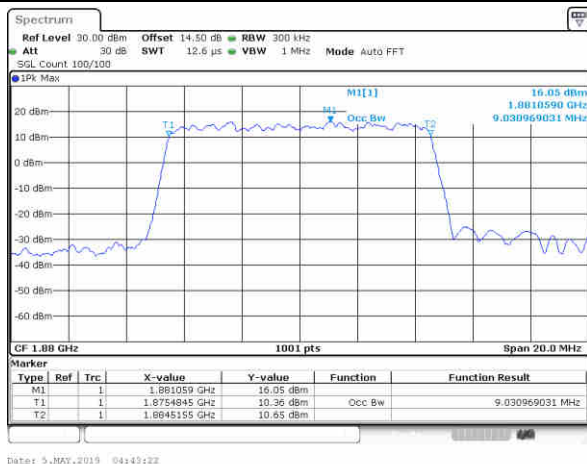
Lowest Channel / 10MHz / QPSK



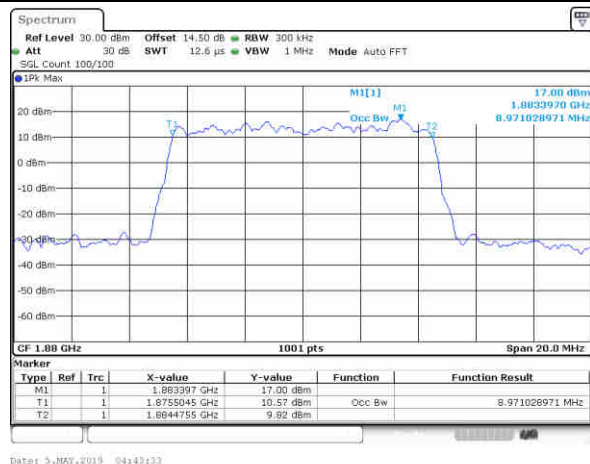
Lowest Channel / 10MHz / 16QAM



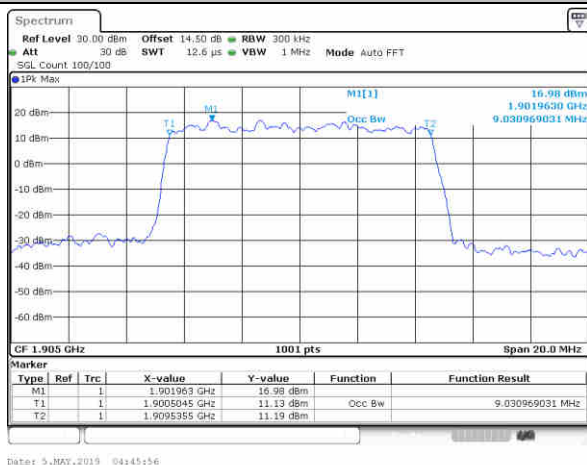
Middle Channel / 10MHz / QPSK



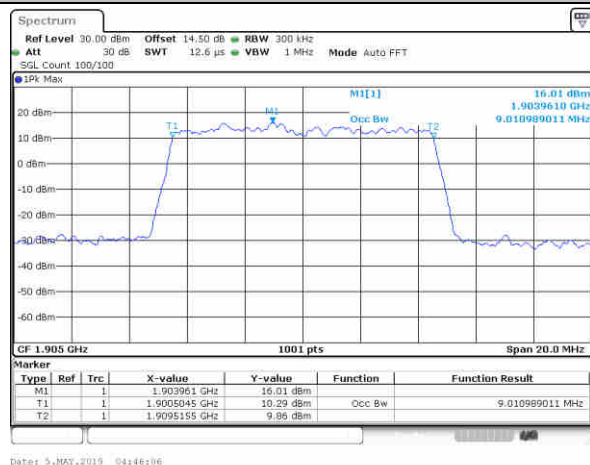
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



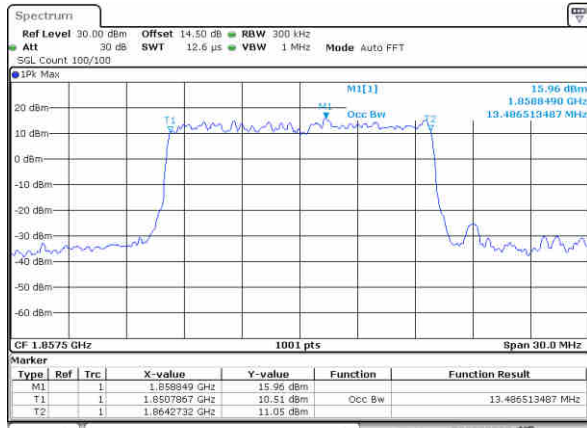
Highest Channel / 10MHz / 16QAM





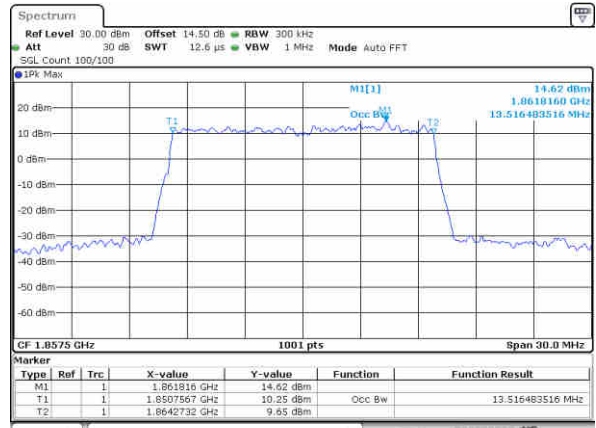
LTE Band 2

Lowest Channel / 15MHz / QPSK



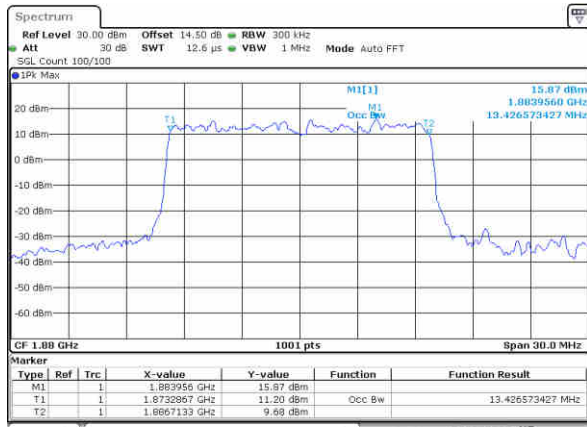
Date: 5.MAY.2019 04:54:13

Lowest Channel / 15MHz / 16QAM



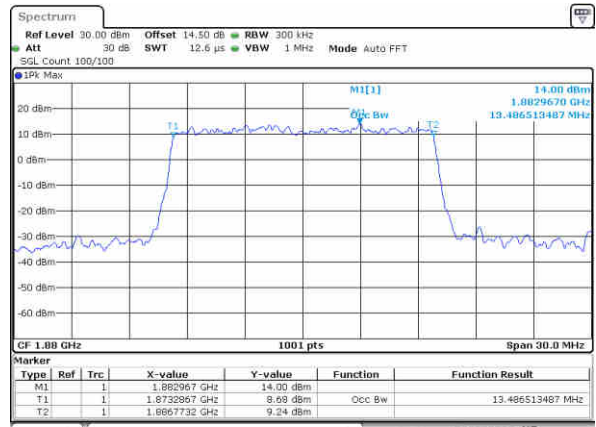
Date: 5.MAY.2019 04:54:14

Middle Channel / 15MHz / QPSK



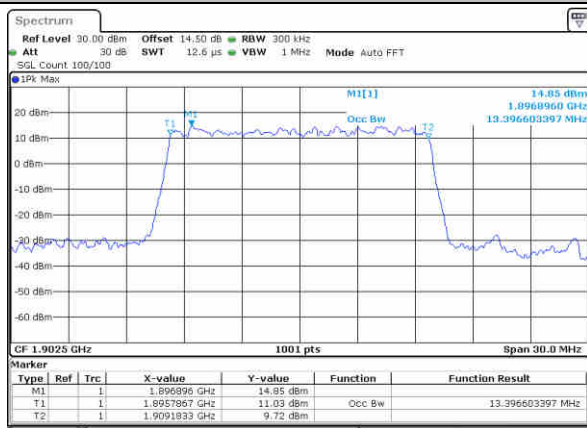
Date: 5.MAY.2019 05:01:15

Middle Channel / 15MHz / 16QAM



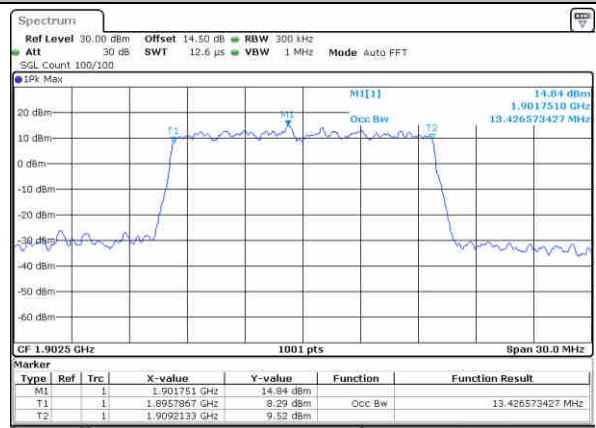
Date: 5.MAY.2019 05:01:15

Highest Channel / 15MHz / QPSK



Date: 5.MAY.2019 05:02:48

Highest Channel / 15MHz / 16QAM

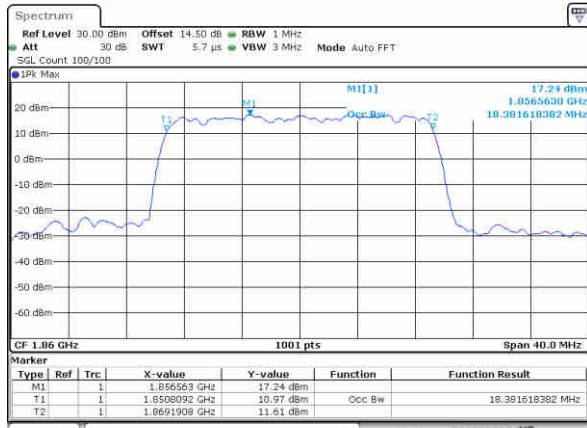


Date: 5.MAY.2019 05:02:59



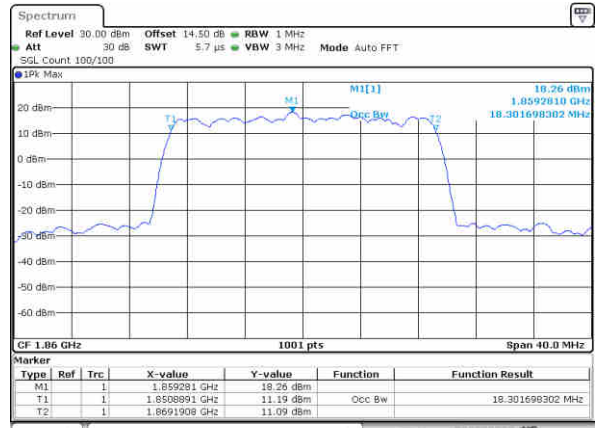
LTE Band 2

Lowest Channel / 20MHz / QPSK



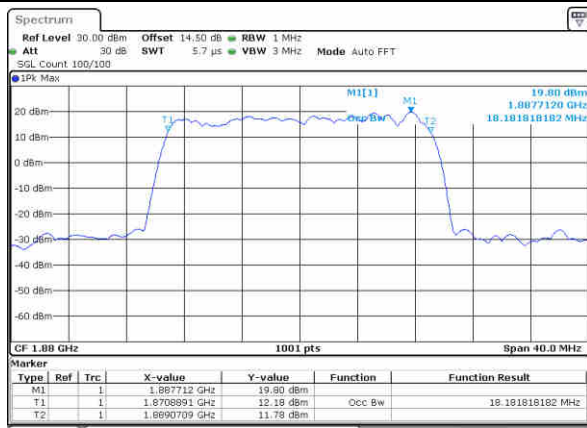
Date: 5 MAY, 2019 05:12:47

Lowest Channel / 20MHz / 16QAM



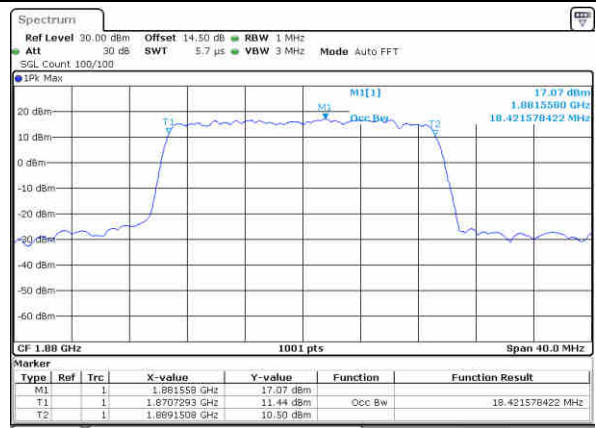
Date: 5 MAY, 2019 05:12:57

Middle Channel / 20MHz / QPSK



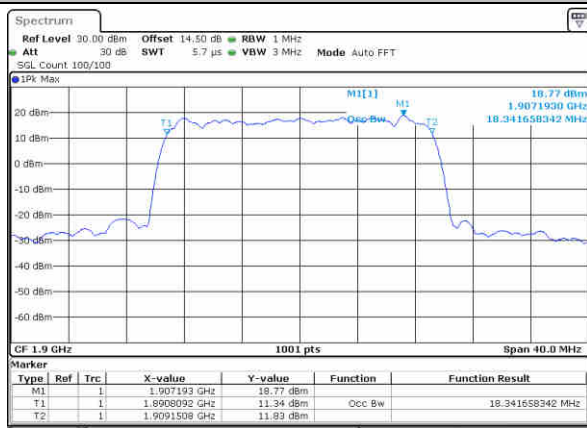
Date: 5 MAY, 2019 05:19:55

Middle Channel / 20MHz / 16QAM



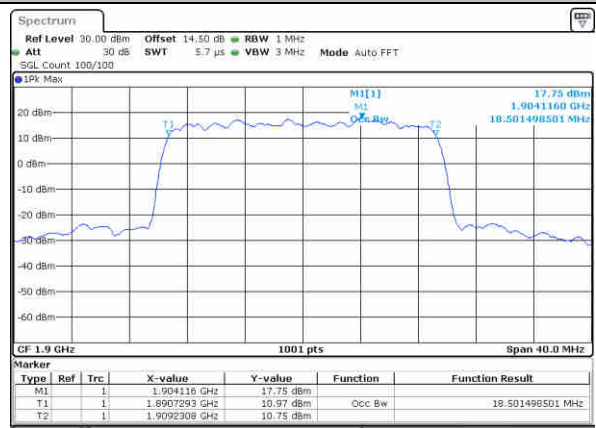
Date: 5 MAY, 2019 05:20:05

Highest Channel / 20MHz / QPSK



Date: 5 MAY, 2019 05:22:32

Highest Channel / 20MHz / 16QAM

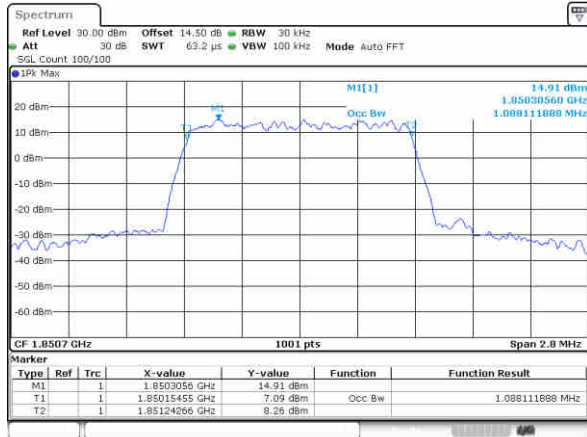


Date: 5 MAY, 2019 05:22:42

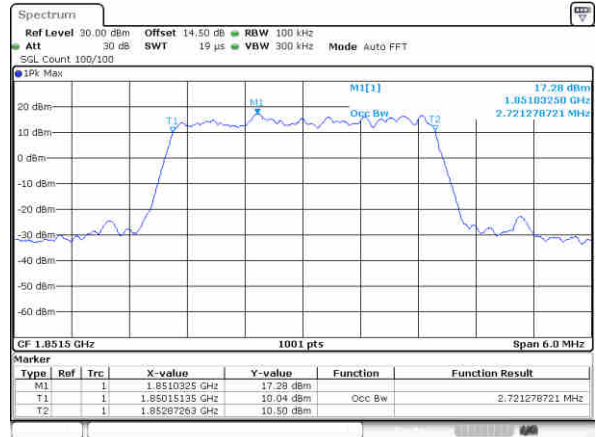


LTE Band 2

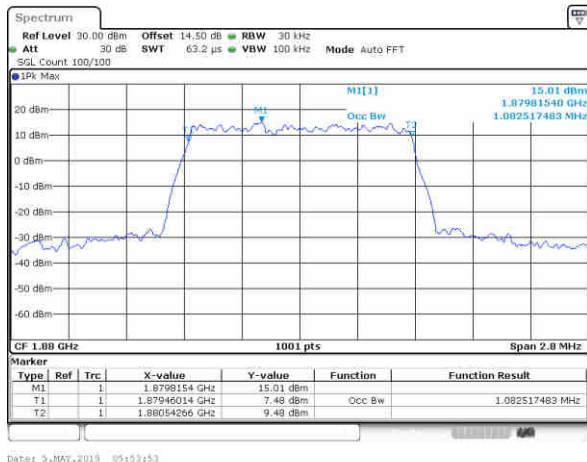
Lowest Channel / 1.4MHz / 64QAM



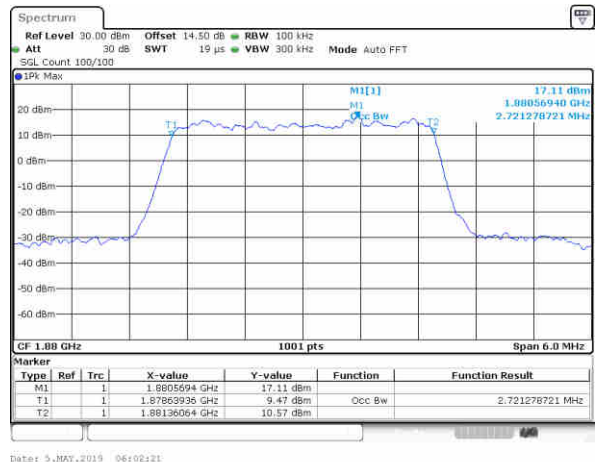
Lowest Channel / 3MHz / 64QAM



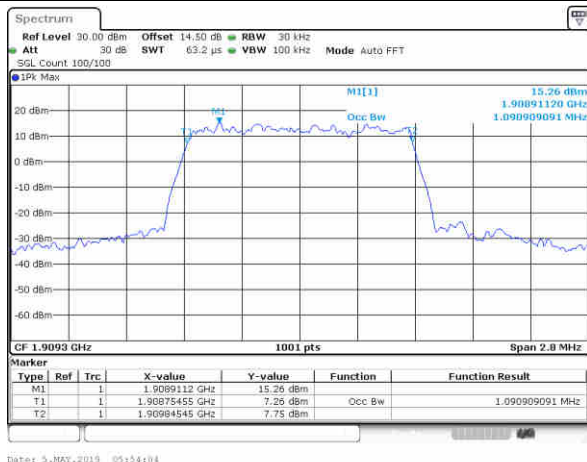
Middle Channel / 1.4MHz / 64QAM



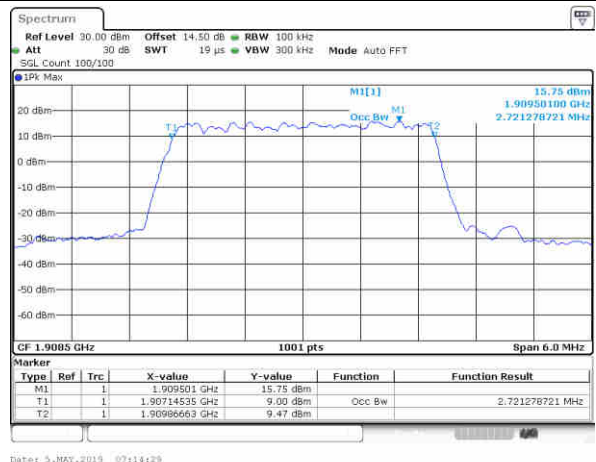
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



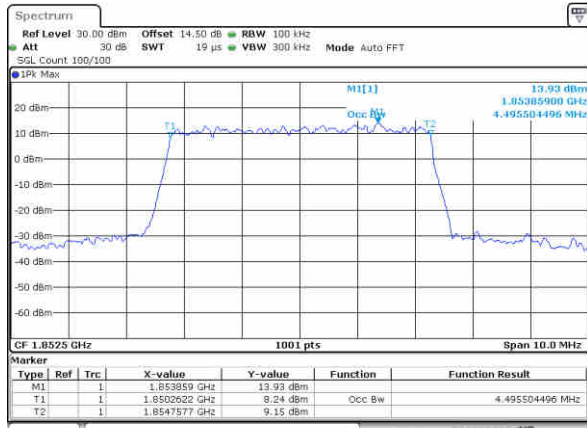
Highest Channel / 3MHz / 64QAM



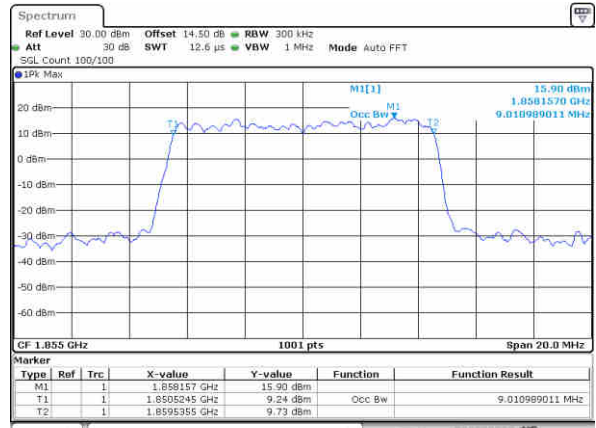


LTE Band 2

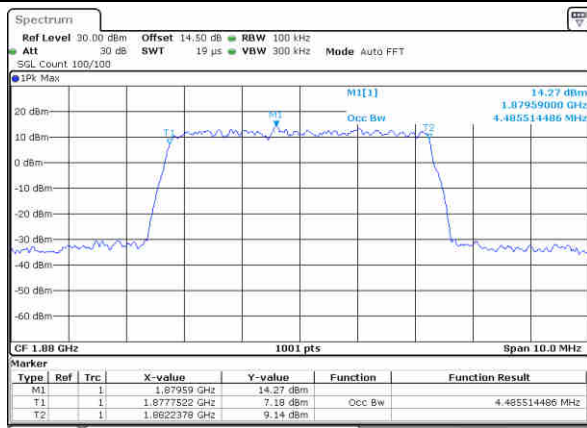
Lowest Channel / 5MHz / 64QAM



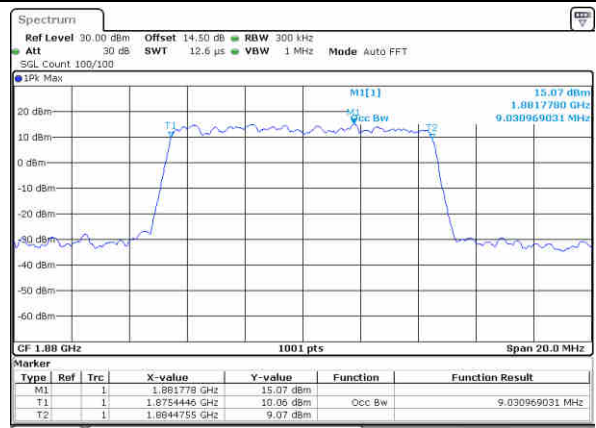
Lowest Channel / 10MHz / 64QAM



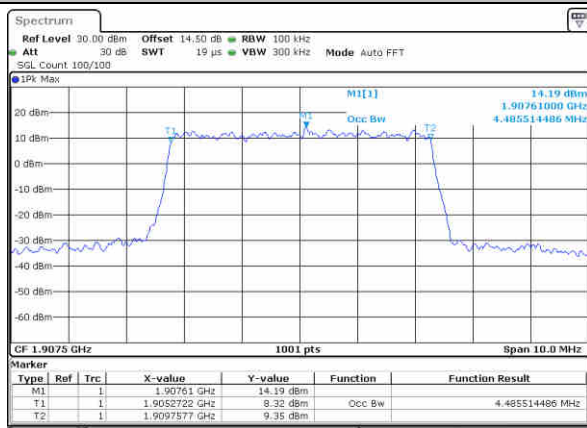
Middle Channel / 5MHz / 64QAM



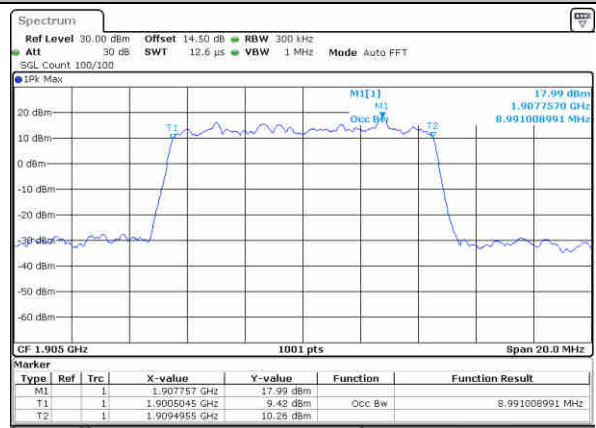
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



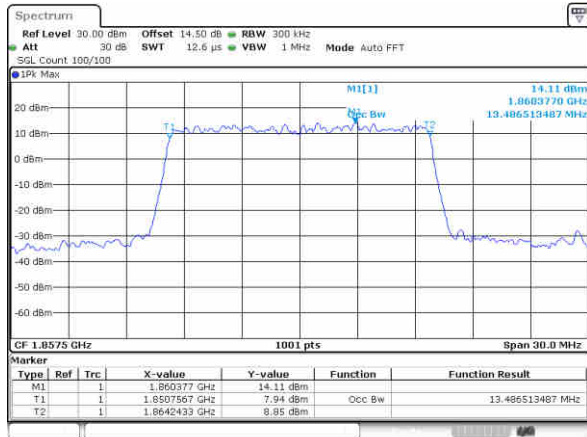
Highest Channel / 10MHz / 64QAM



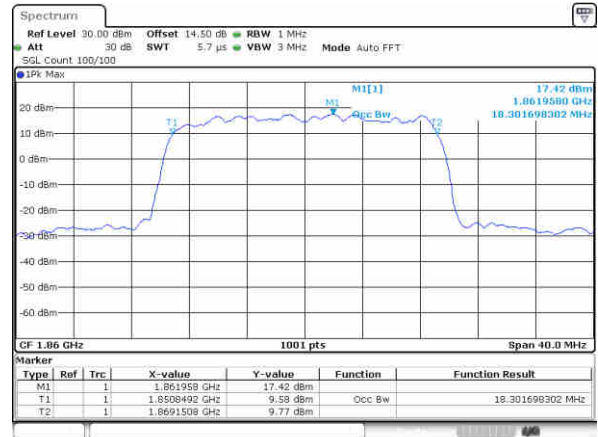


LTE Band 2

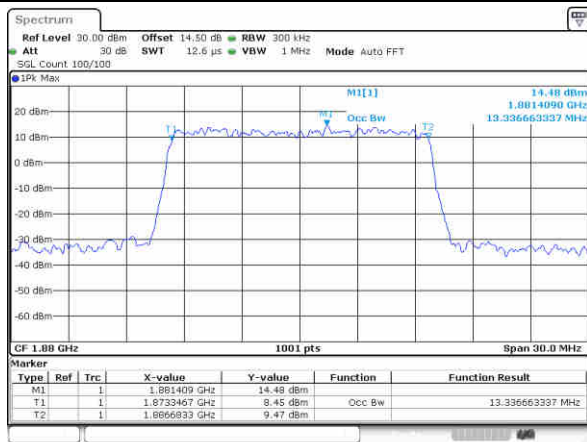
Lowest Channel / 15MHz / 64QAM



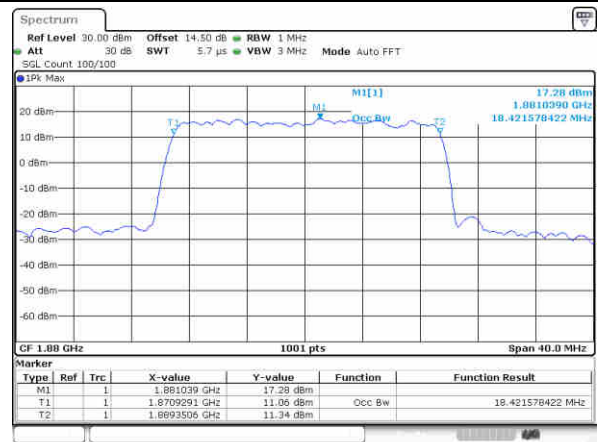
Lowest Channel / 20MHz / 64QAM



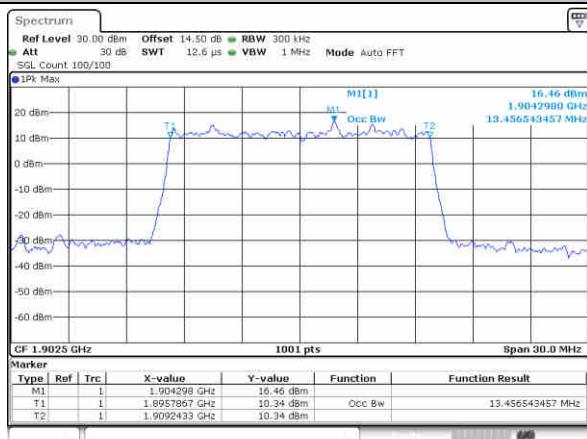
Middle Channel / 15MHz / 64QAM



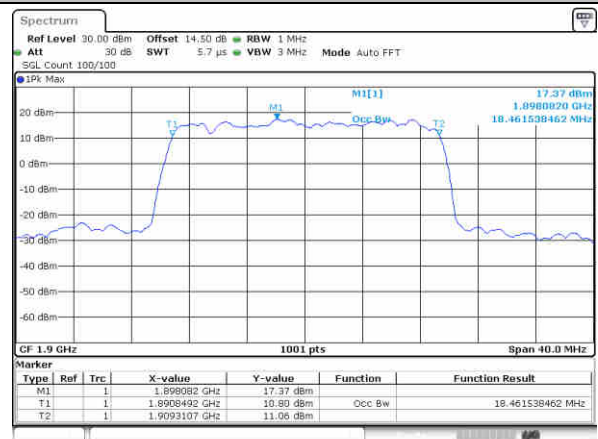
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



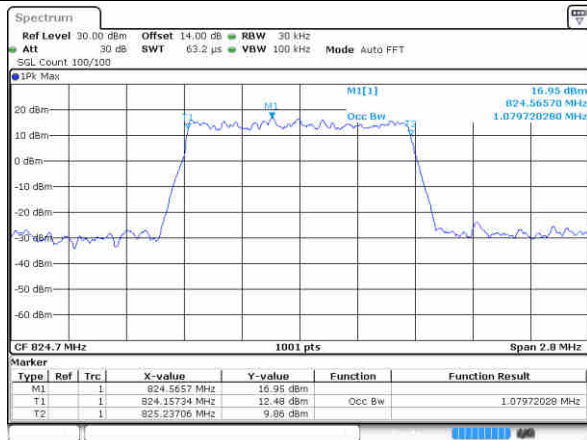
Highest Channel / 20MHz / 64QAM





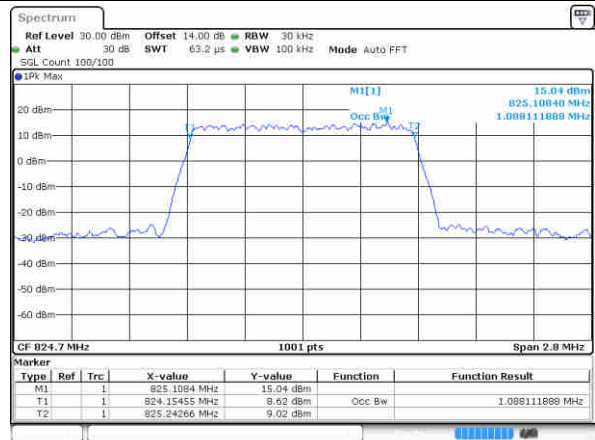
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



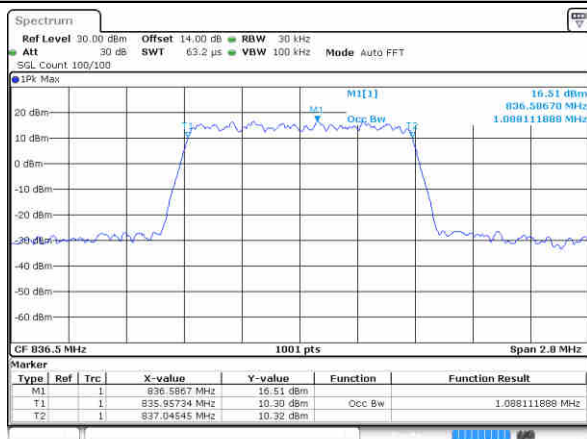
Date: 8 MAY 2019 12:51:05

Lowest Channel / 1.4MHz / 16QAM



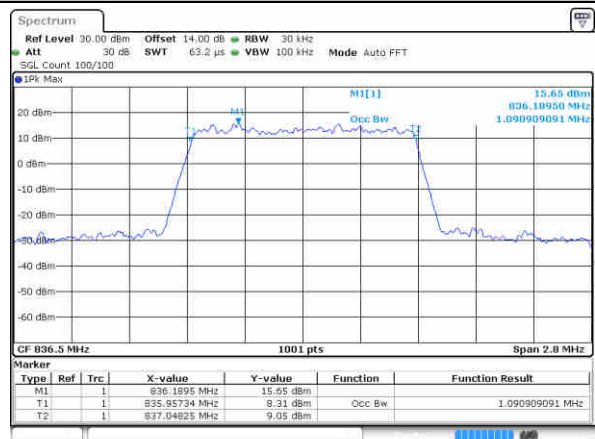
Date: 8 MAY 2019 12:51:15

Middle Channel / 1.4MHz / QPSK



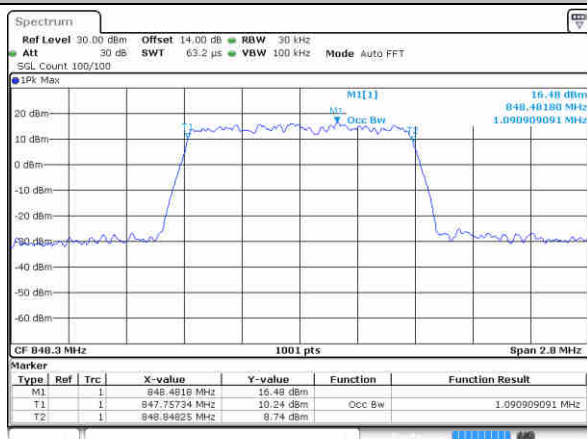
Date: 8 MAY 2019 13:00:14

Middle Channel / 1.4MHz / 16QAM



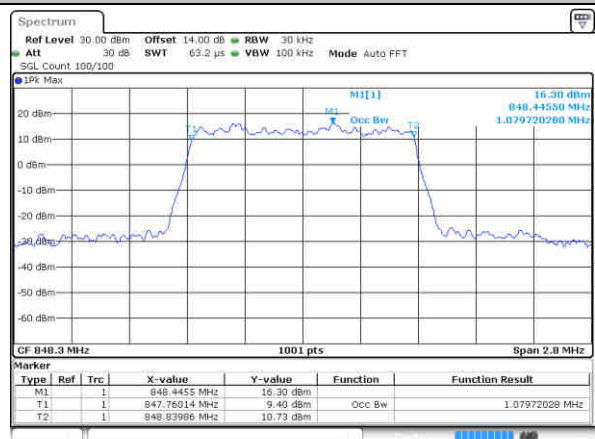
Date: 8 MAY 2019 13:00:25

Highest Channel / 1.4MHz / QPSK



Date: 8 MAY 2019 13:02:47

Highest Channel / 1.4MHz / 16QAM

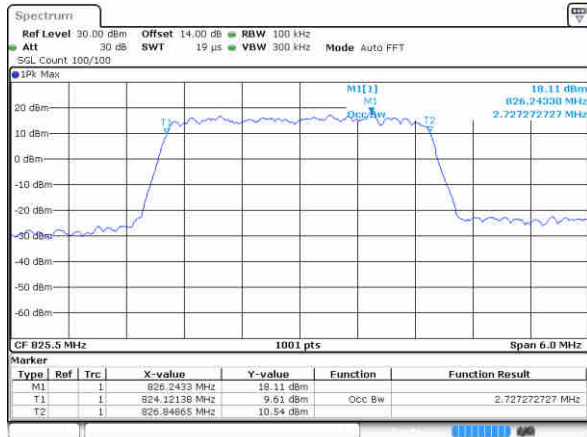


Date: 8 MAY 2019 13:02:57

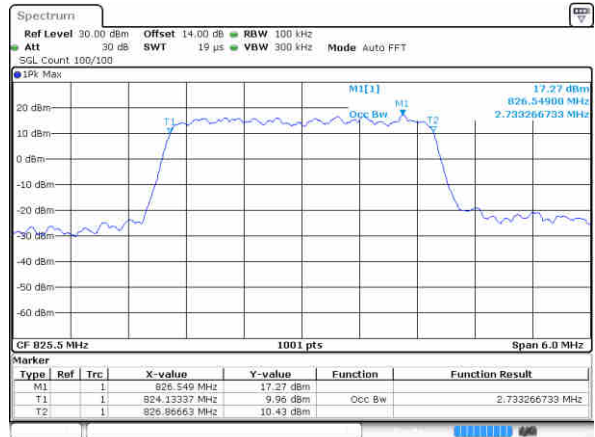


LTE Band 5

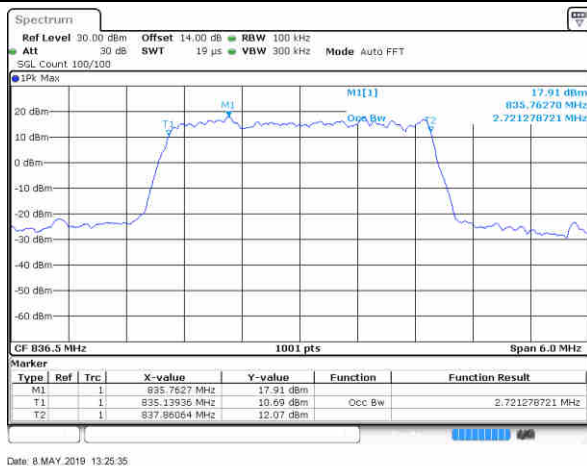
Lowest Channel / 3MHz / QPSK



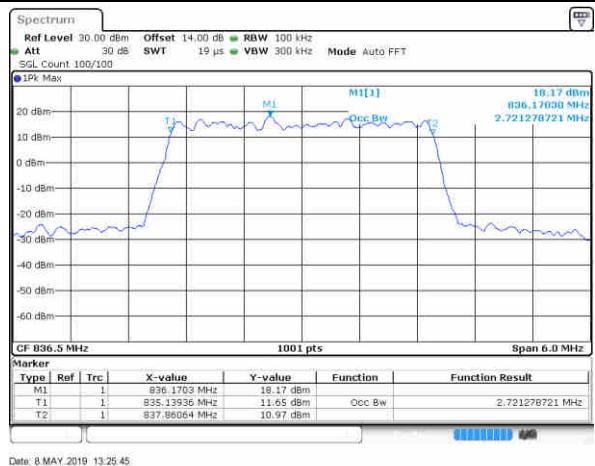
Lowest Channel / 3MHz / 16QAM



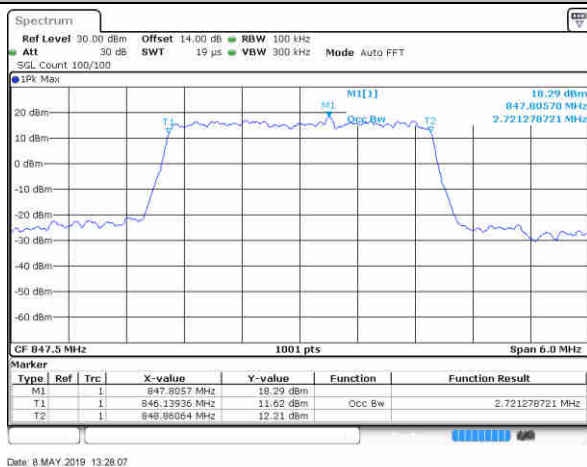
Middle Channel / 3MHz / QPSK



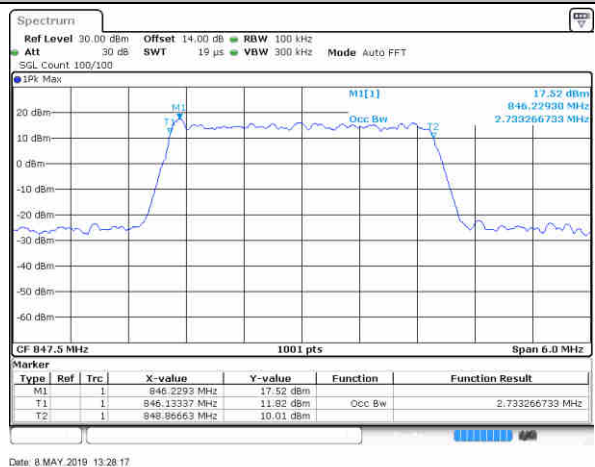
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



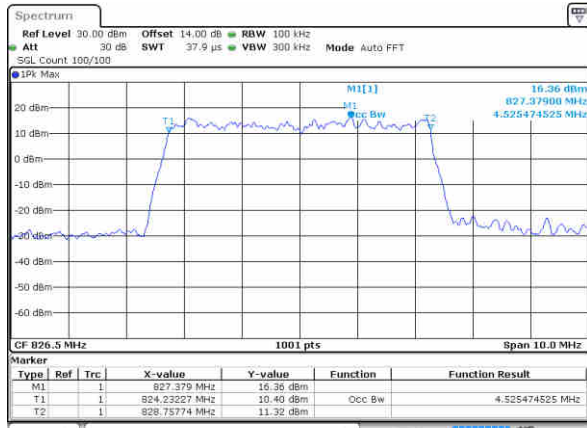
Highest Channel / 3MHz / 16QAM





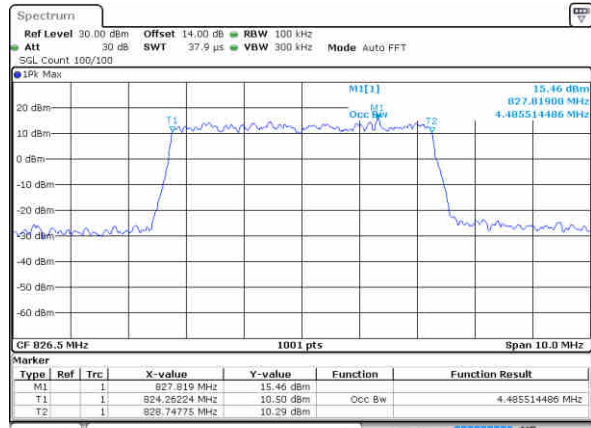
LTE Band 5

Lowest Channel / 5MHz / QPSK



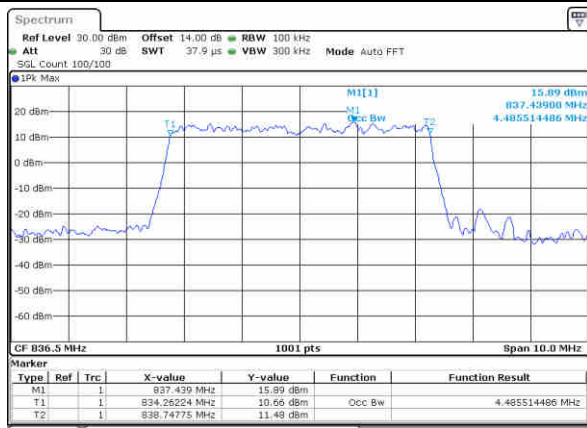
Date: 8 MAY 2019 13:39:03

Lowest Channel / 5MHz / 16QAM



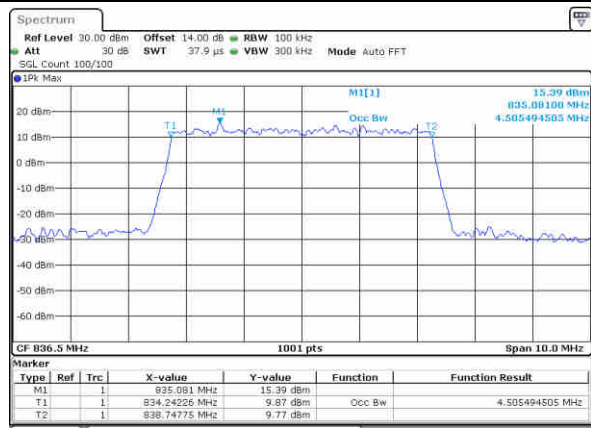
Date: 8 MAY 2019 13:39:13

Middle Channel / 5MHz / QPSK



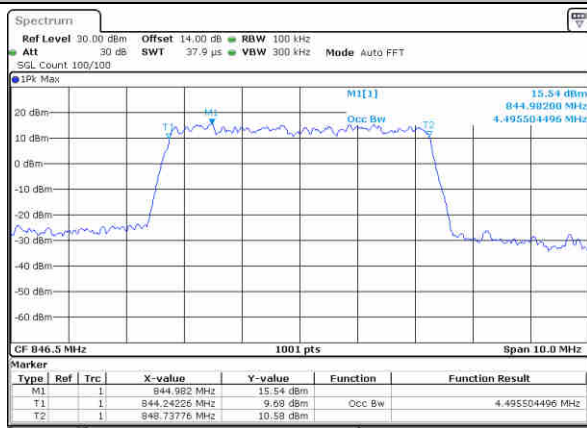
Date: 8 MAY 2019 13:48:14

Middle Channel / 5MHz / 16QAM



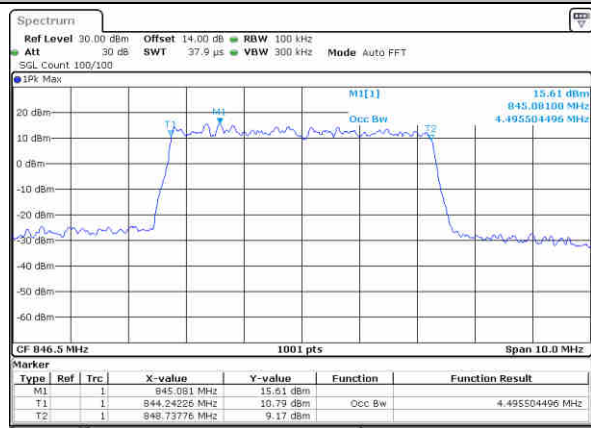
Date: 8 MAY 2019 13:48:24

Highest Channel / 5MHz / QPSK



Date: 8 MAY 2019 13:50:45

Highest Channel / 5MHz / 16QAM

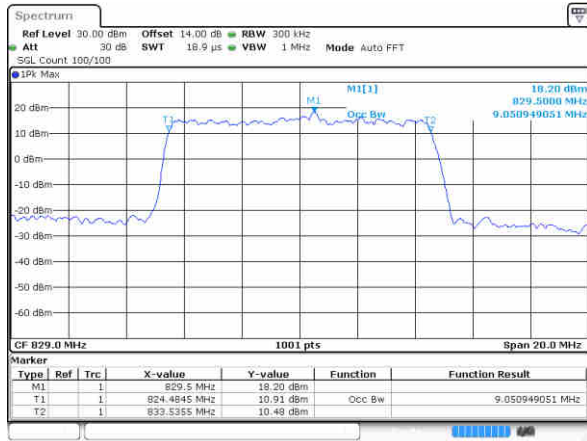


Date: 8 MAY 2019 13:50:55

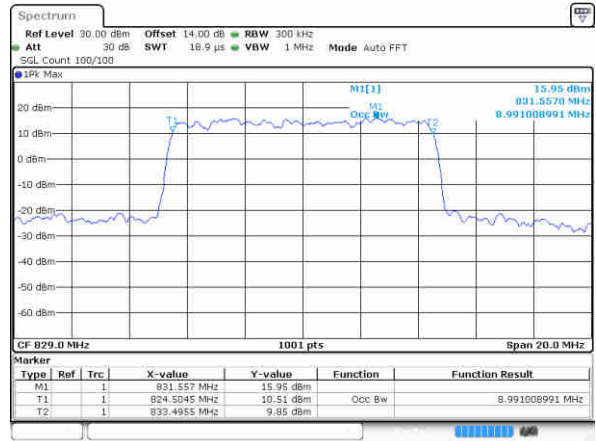


LTE Band 5

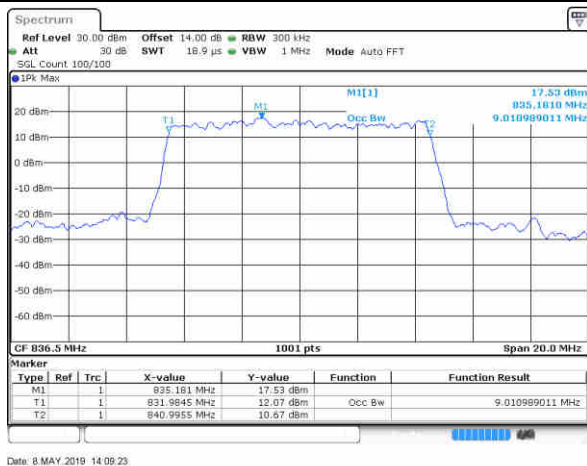
Lowest Channel / 10MHz / QPSK



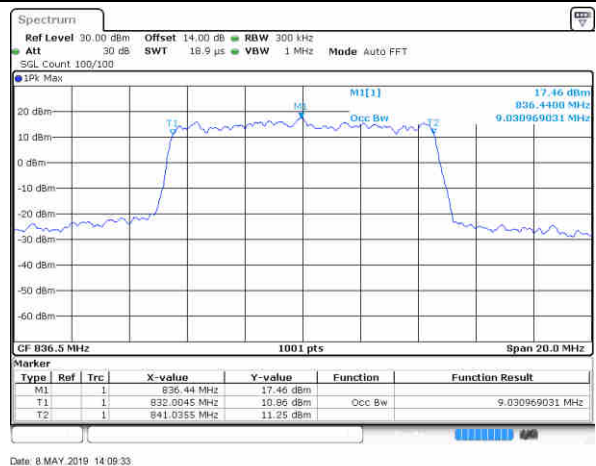
Lowest Channel / 10MHz / 16QAM



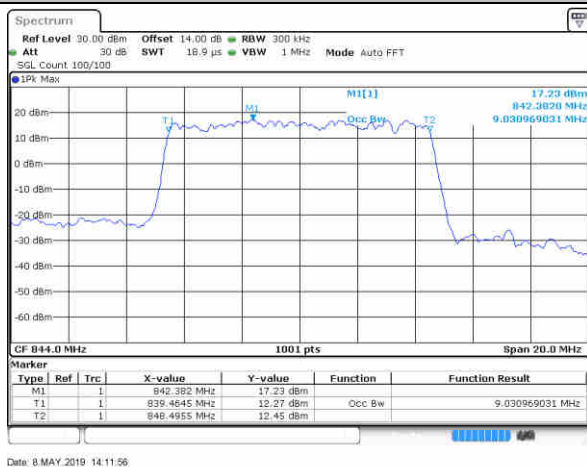
Middle Channel / 10MHz / QPSK



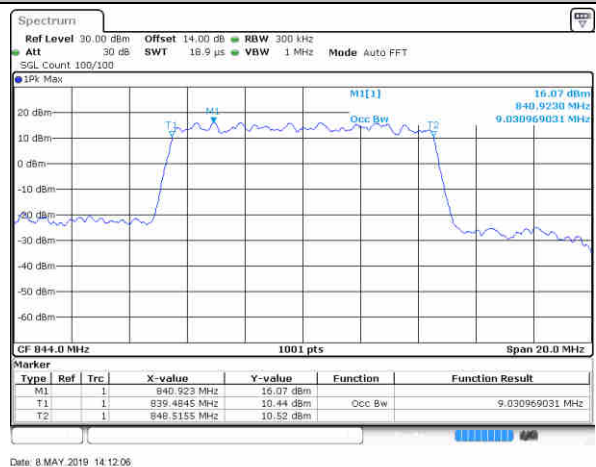
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



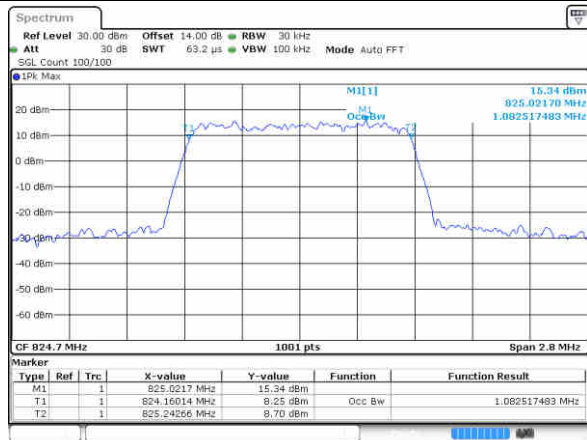
Highest Channel / 10MHz / 16QAM





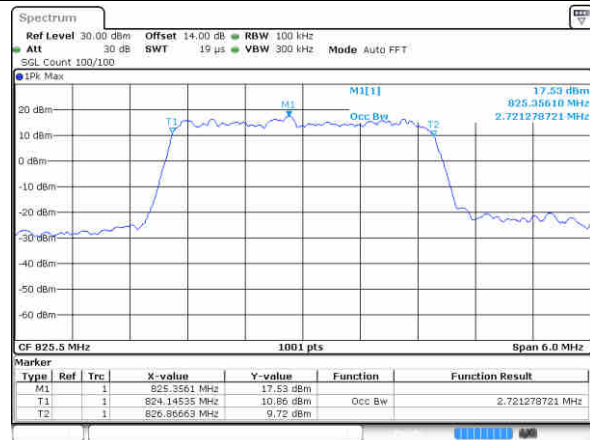
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



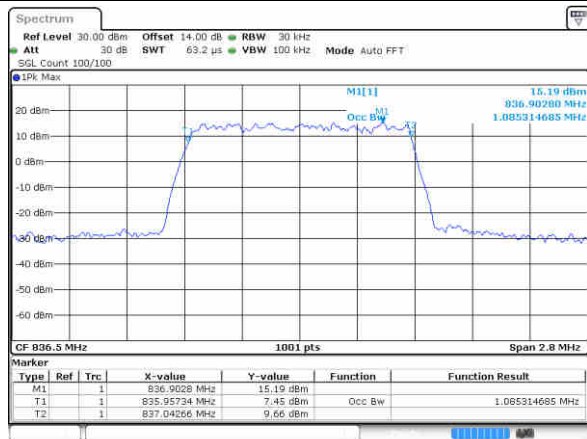
Date: 8 MAY 2019 14:22:29

Lowest Channel / 3MHz / 64QAM



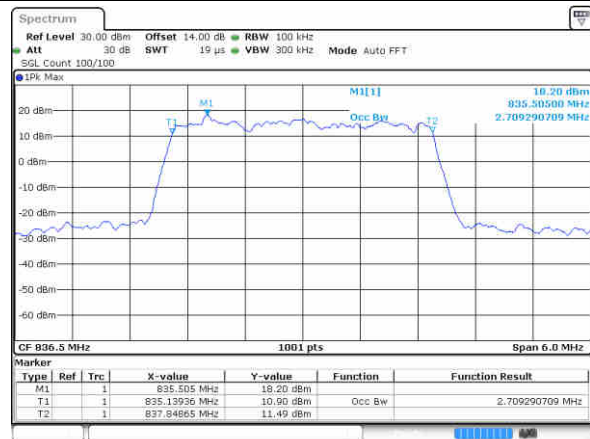
Date: 8 MAY 2019 14:32:57

Middle Channel / 1.4MHz / 64QAM



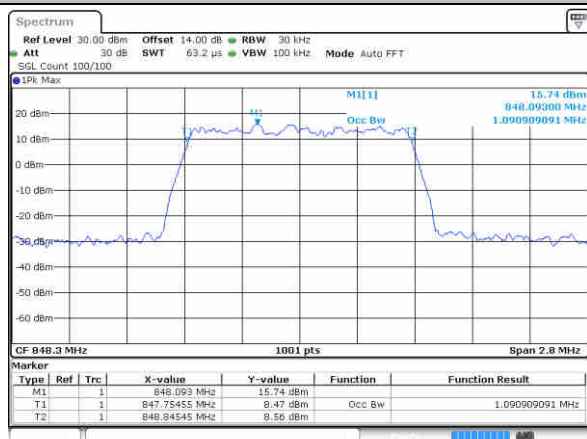
Date: 8 MAY 2019 14:22:39

Middle Channel / 3MHz / 64QAM



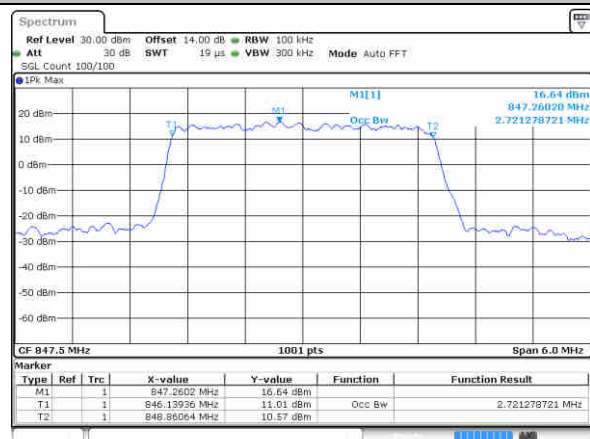
Date: 8 MAY 2019 14:33:07

Highest Channel / 1.4MHz / 64QAM



Date: 8 MAY 2019 14:22:49

Highest Channel / 3MHz / 64QAM

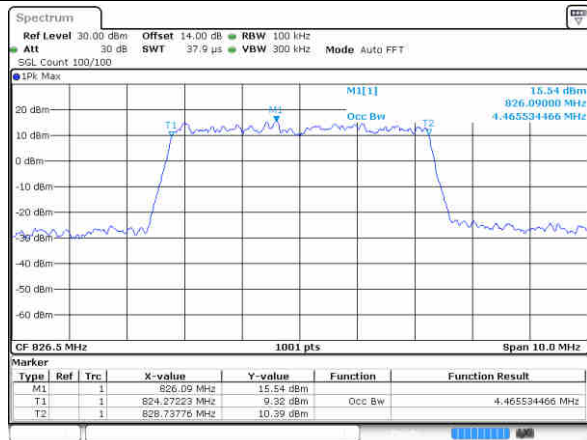


Date: 8 MAY 2019 14:33:17

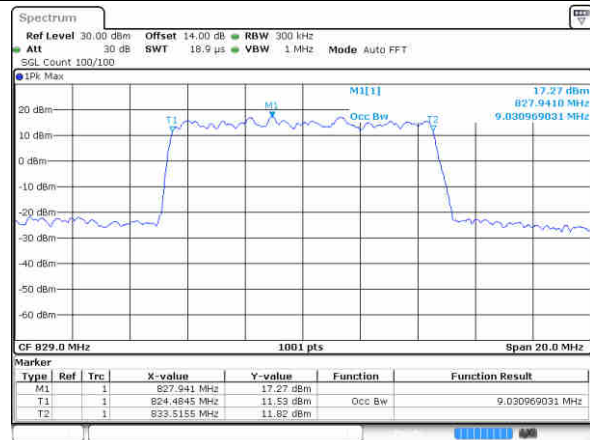


LTE Band 5

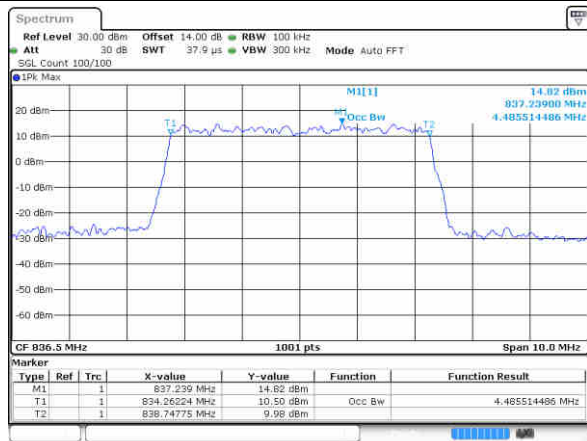
Lowest Channel / 5MHz / 64QAM



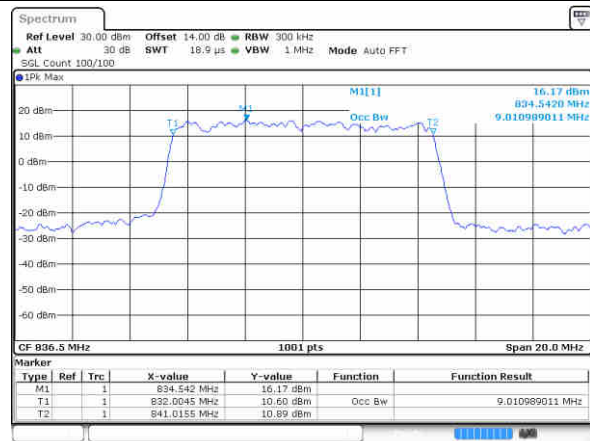
Lowest Channel / 10MHz / 64QAM



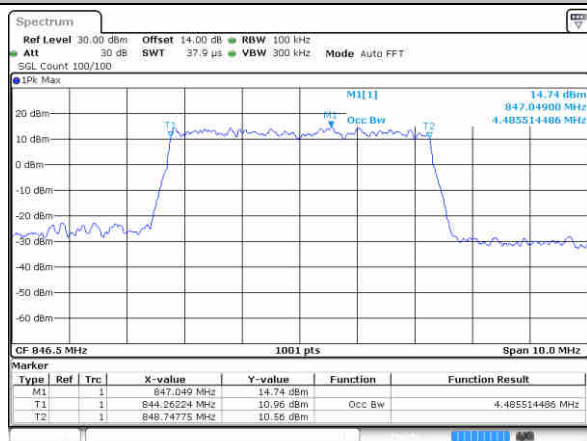
Middle Channel / 5MHz / 64QAM



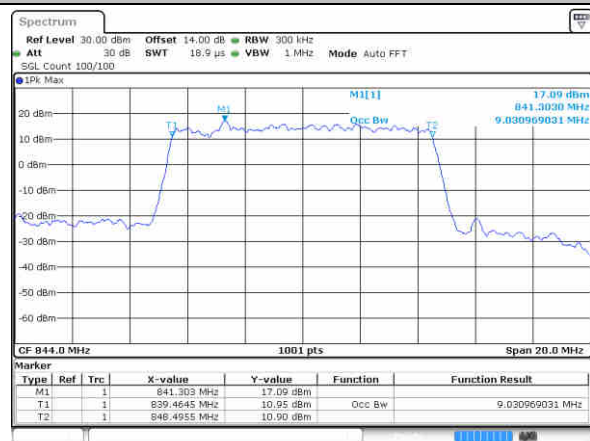
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



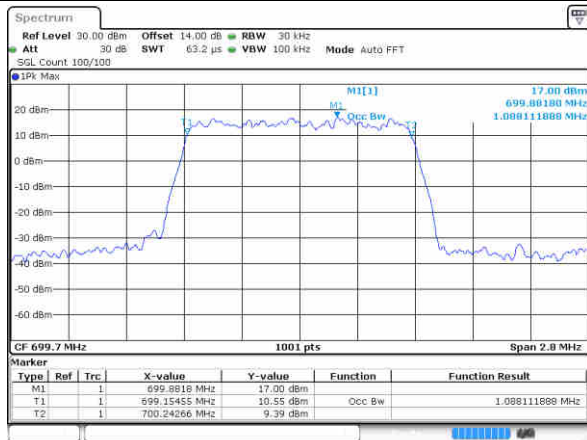
Highest Channel / 10MHz / 64QAM



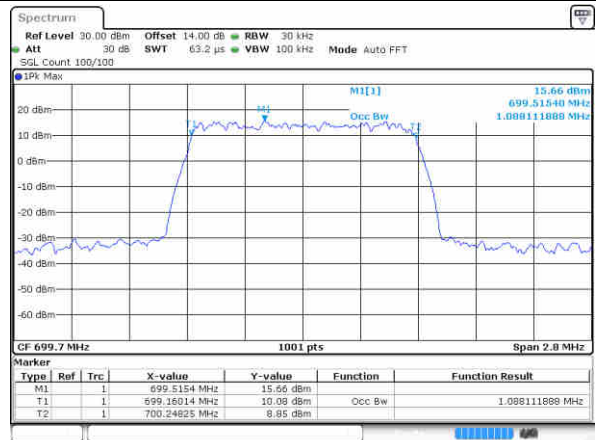


LTE Band 12

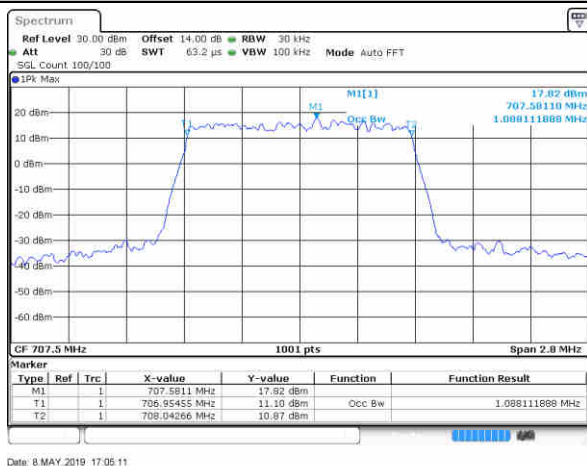
Lowest Channel / 1.4MHz / QPSK



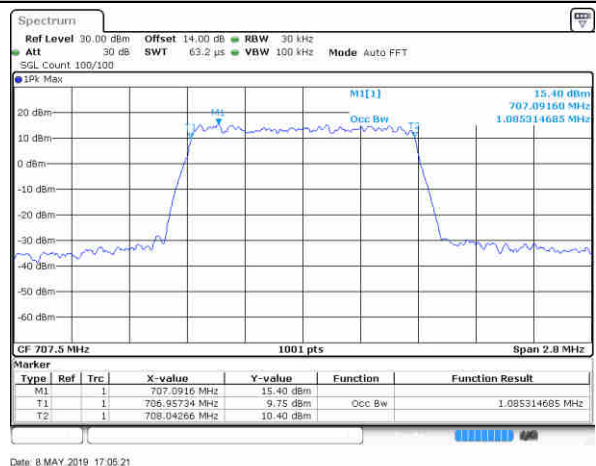
Lowest Channel / 1.4MHz / 16QAM



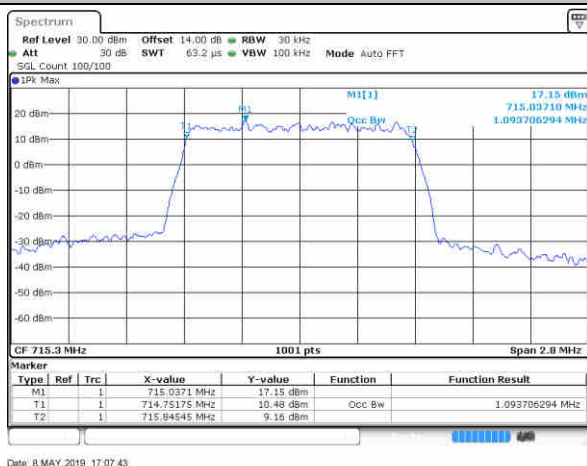
Middle Channel / 1.4MHz / QPSK



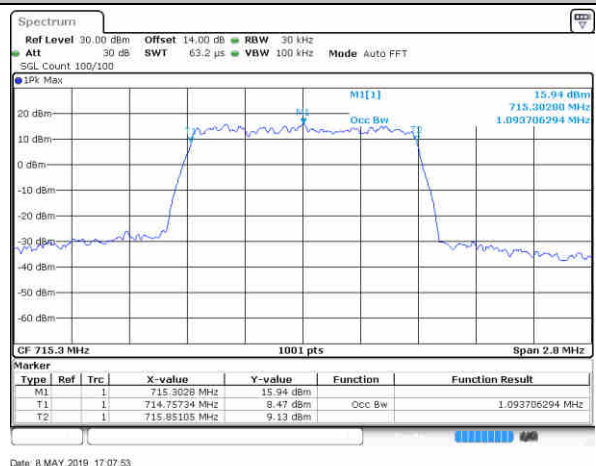
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



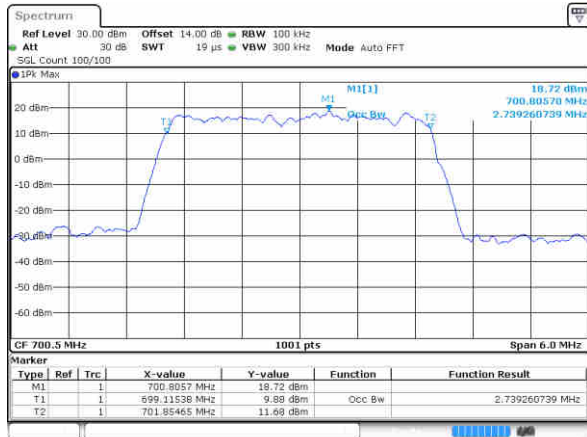
Highest Channel / 1.4MHz / 16QAM



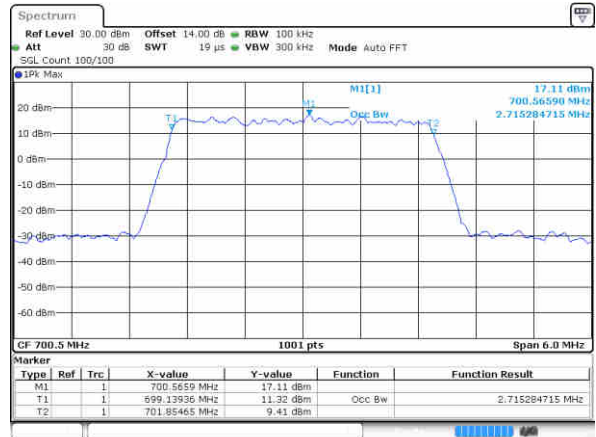


LTE Band 12

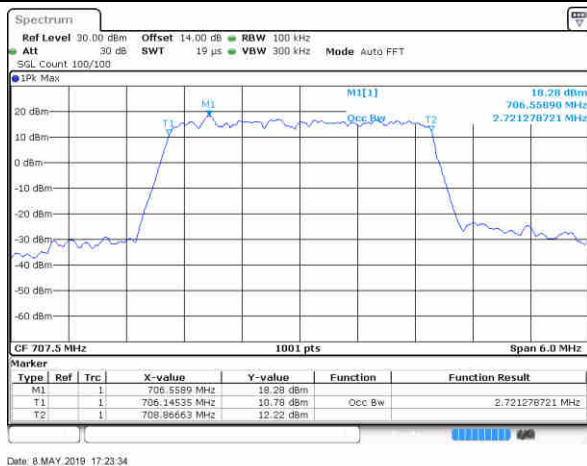
Lowest Channel / 3MHz / QPSK



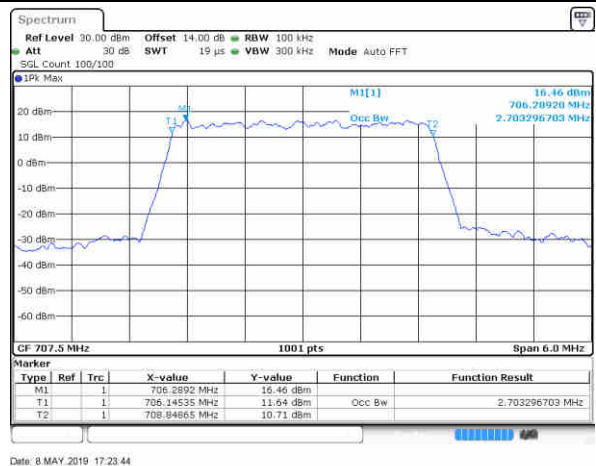
Lowest Channel / 3MHz / 16QAM



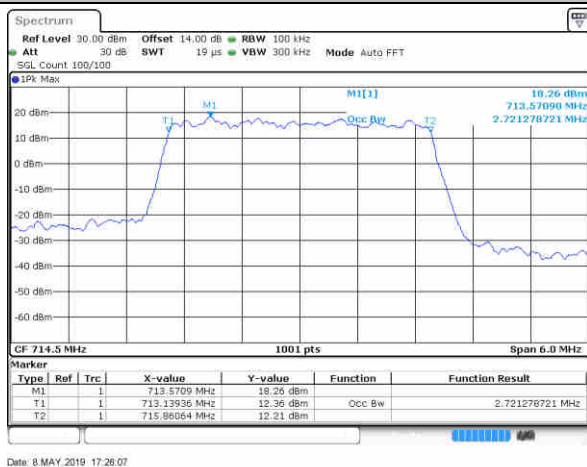
Middle Channel / 3MHz / QPSK



Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



Highest Channel / 3MHz / 16QAM

