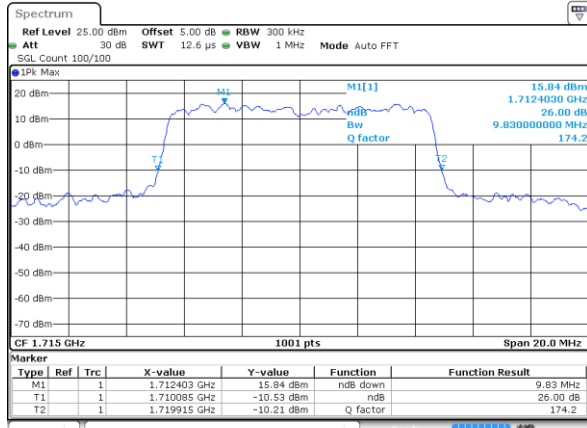




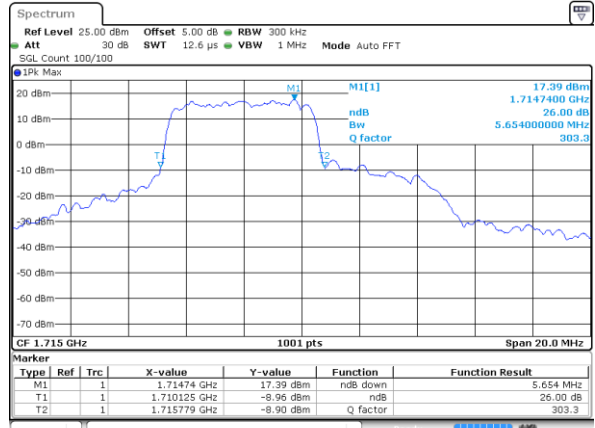
LTE Band 4

Lowest Channel / 10MHz / QPSK



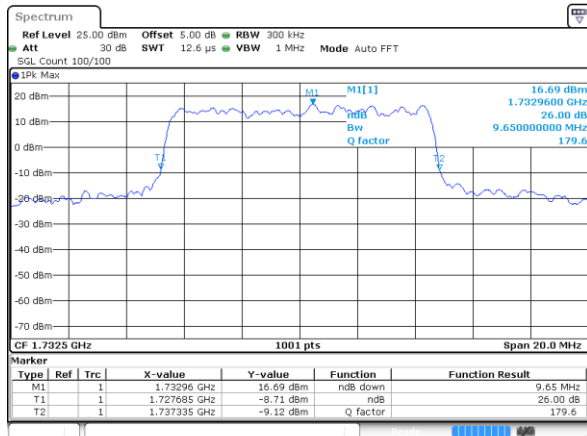
Date: 3 SEP 2019 04:00:49

Lowest Channel / 10MHz / 16QAM



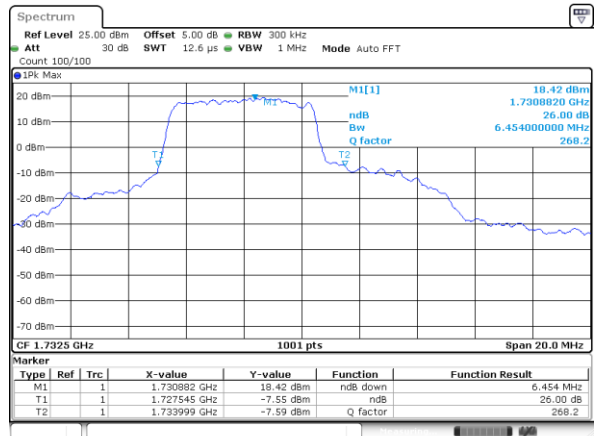
Date: 3 SEP 2019 08:21:56

Middle Channel / 10MHz / QPSK



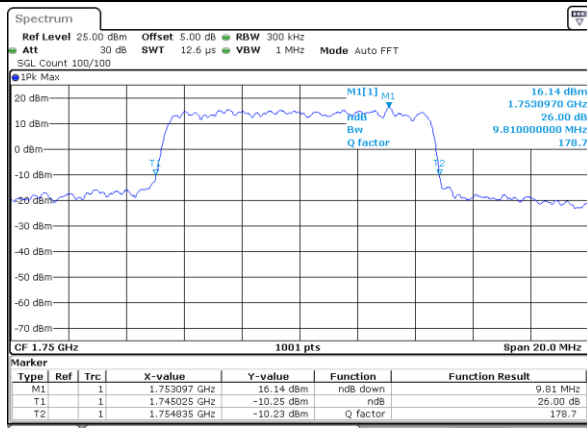
Date: 3 SEP 2019 04:26:53

Middle Channel / 10MHz / 16QAM



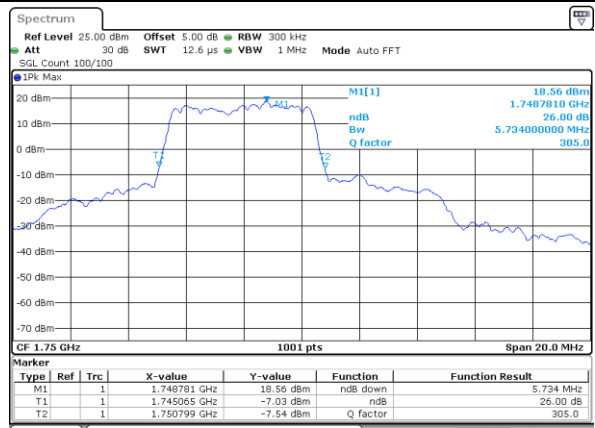
Date: 3 SEP 2019 04:27:18

Highest Channel / 10MHz / QPSK



Date: 3 SEP 2019 04:29:35

Highest Channel / 10MHz / 16QAM

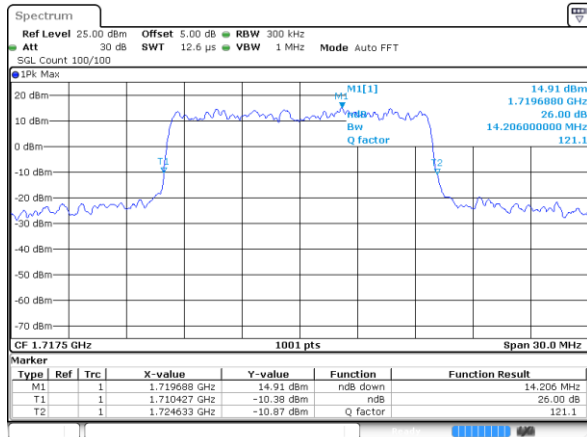


Date: 3 SEP 2019 08:22:26



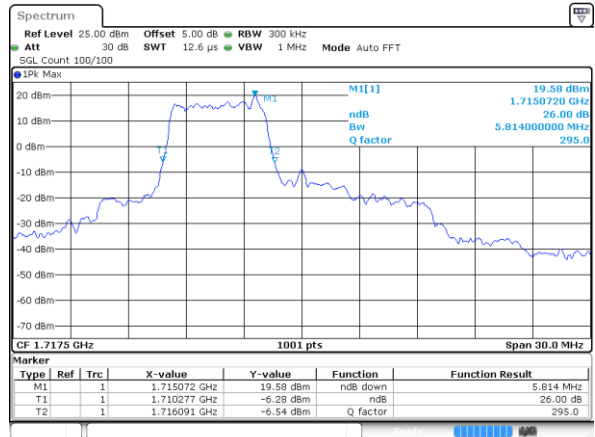
LTE Band 4

Lowest Channel / 15MHz / QPSK



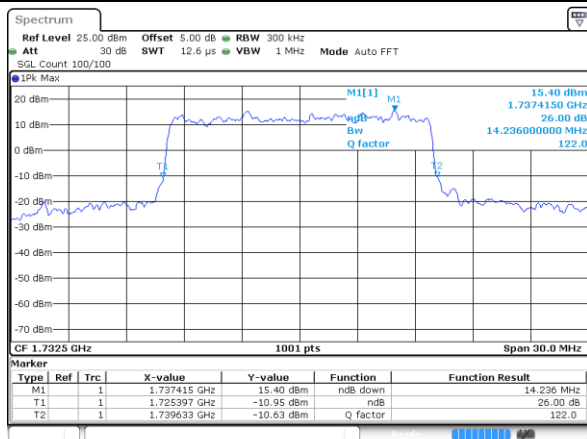
Date: 3 SEP 2019 04:36:39

Lowest Channel / 15MHz / 16QAM



Date: 3 SEP 2019 08:37:58

Middle Channel / 15MHz / QPSK



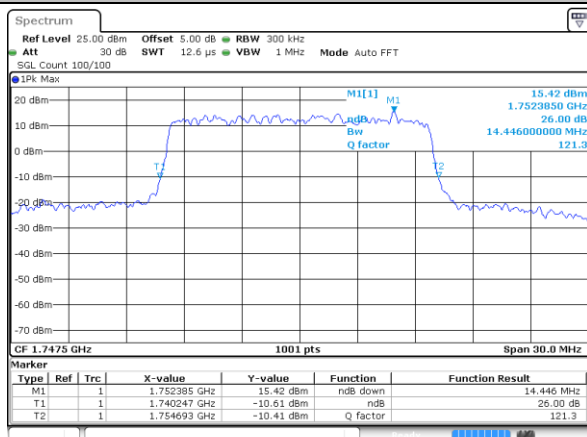
Date: 3 SEP 2019 04:43:55

Middle Channel / 15MHz / 16QAM



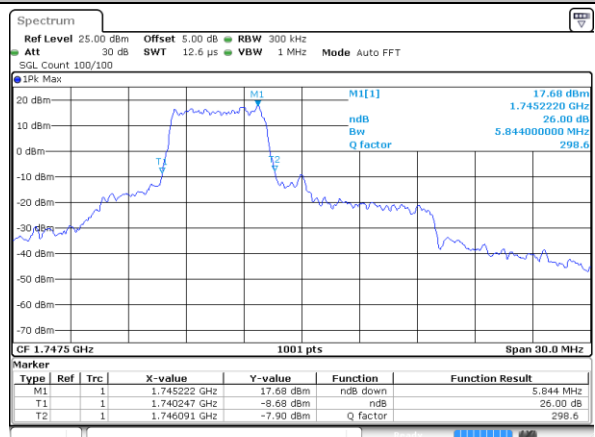
Date: 3 SEP 2019 08:37:35

Highest Channel / 15MHz / QPSK



Date: 3 SEP 2019 04:46:32

Highest Channel / 15MHz / 16QAM

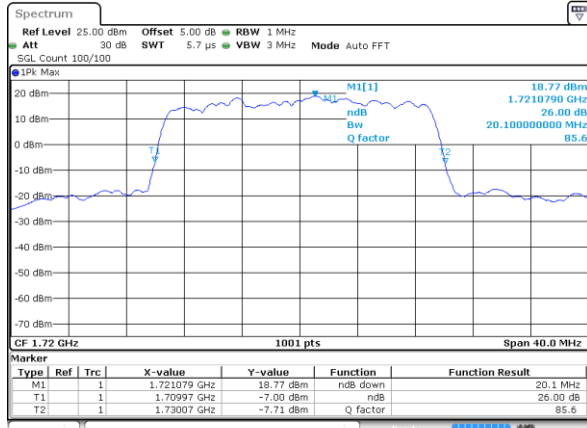


Date: 3 SEP 2019 08:38:20

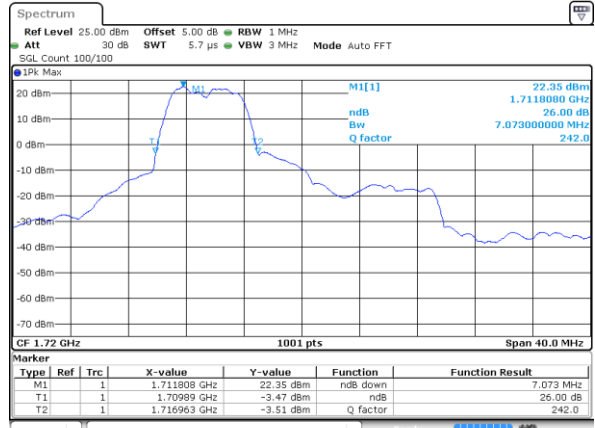


LTE Band 4

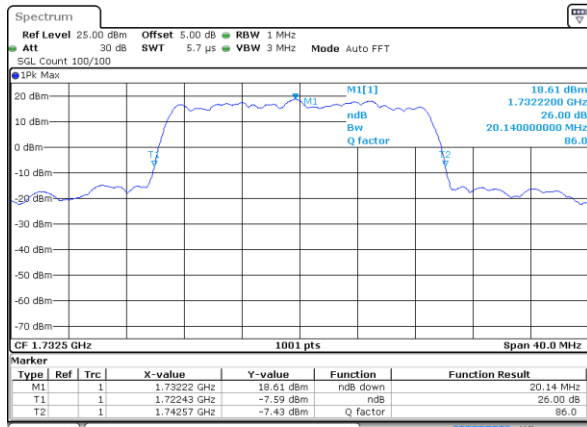
Lowest Channel / 20MHz / QPSK



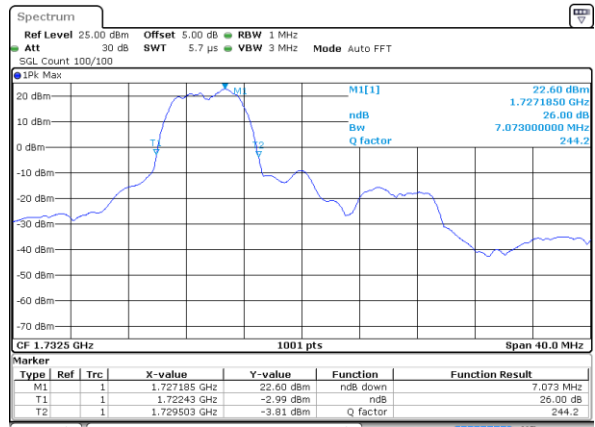
Lowest Channel / 20MHz / 16QAM



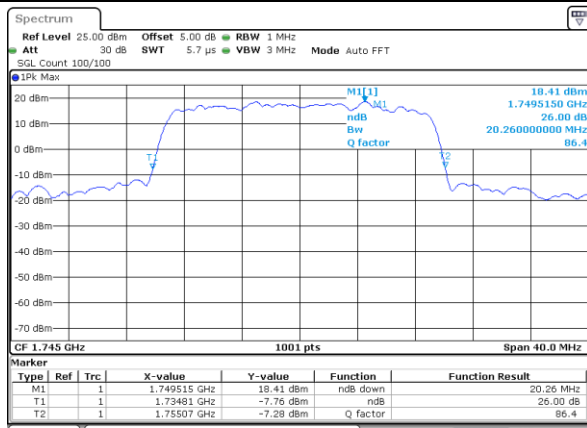
Middle Channel / 20MHz / QPSK



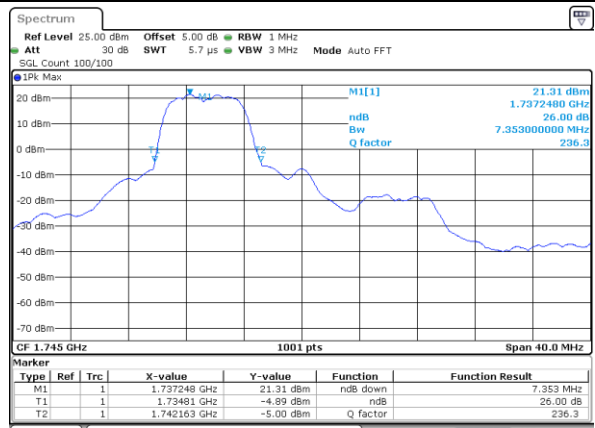
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



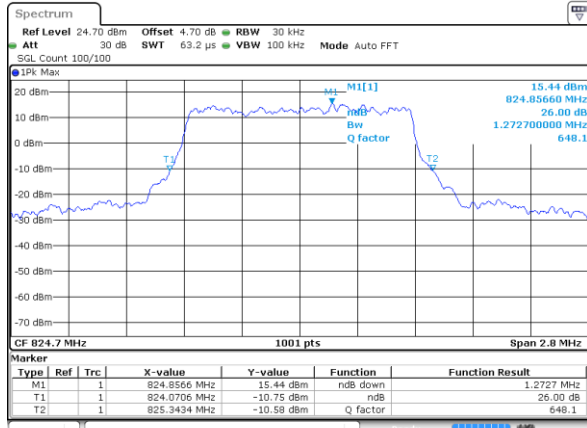
Highest Channel / 20MHz / 16QAM





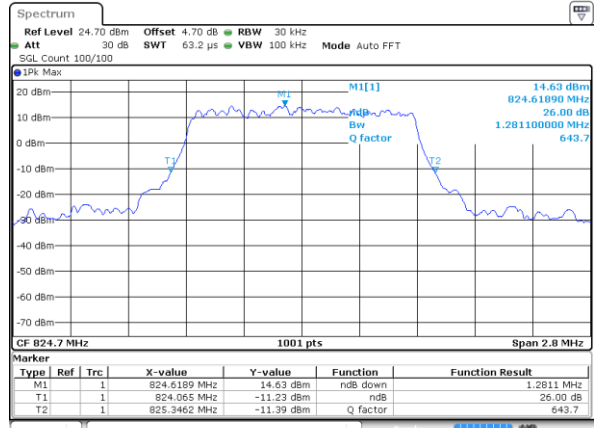
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



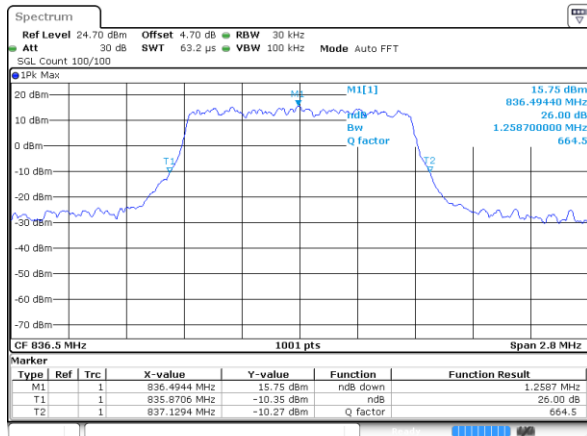
Date: 14 AUG 2019 06:29:51

Lowest Channel / 1.4MHz / 16QAM



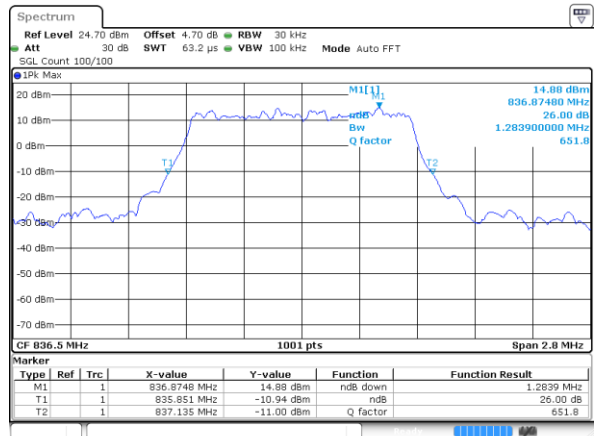
Date: 14 AUG 2019 06:29:41

Middle Channel / 1.4MHz / QPSK



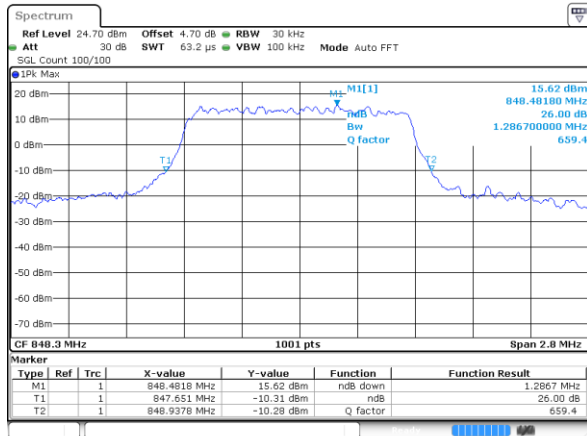
Date: 14 AUG 2019 06:32:11

Middle Channel / 1.4MHz / 16QAM



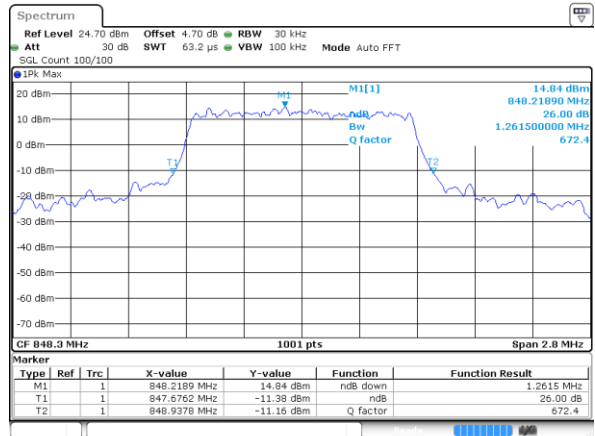
Date: 14 AUG 2019 06:32:21

Highest Channel / 1.4MHz / QPSK



Date: 14 AUG 2019 06:34:40

Highest Channel / 1.4MHz / 16QAM

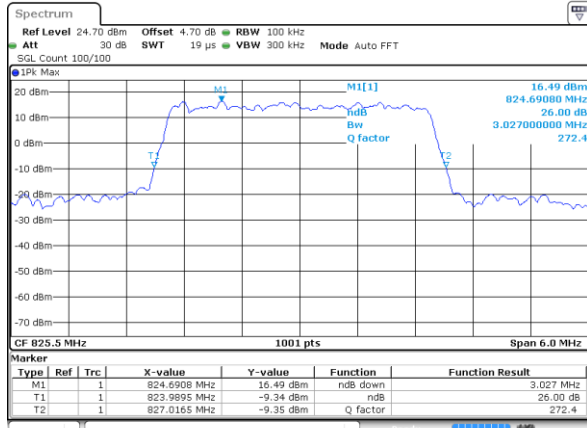


Date: 14 AUG 2019 06:34:50

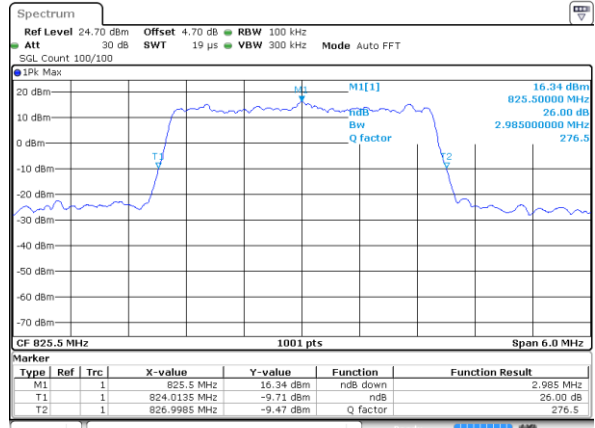


LTE Band 5

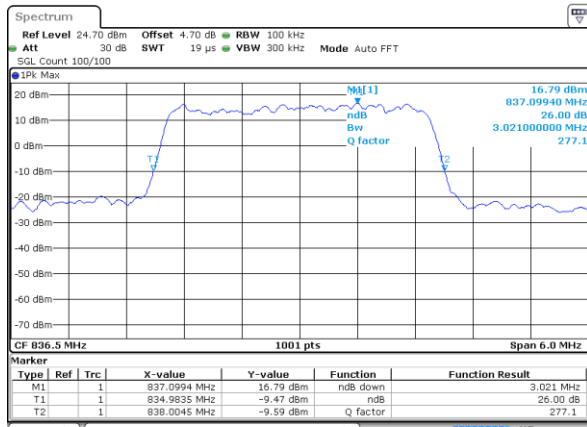
Lowest Channel / 3MHz / QPSK



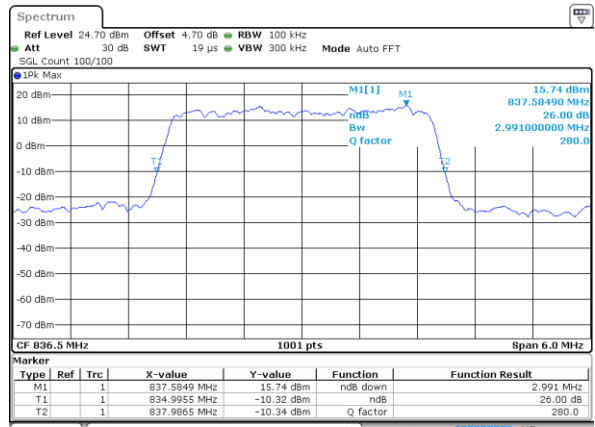
Lowest Channel / 3MHz / 16QAM



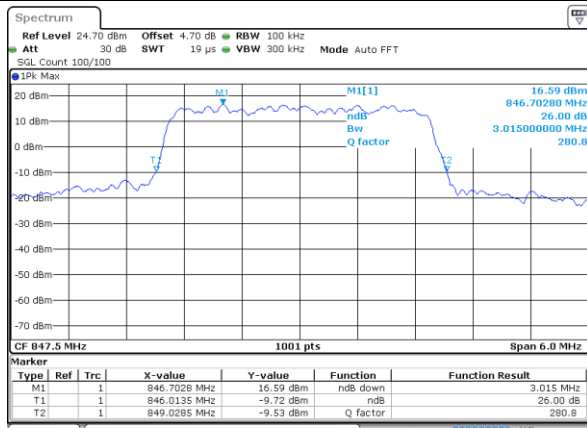
Middle Channel / 3MHz / QPSK



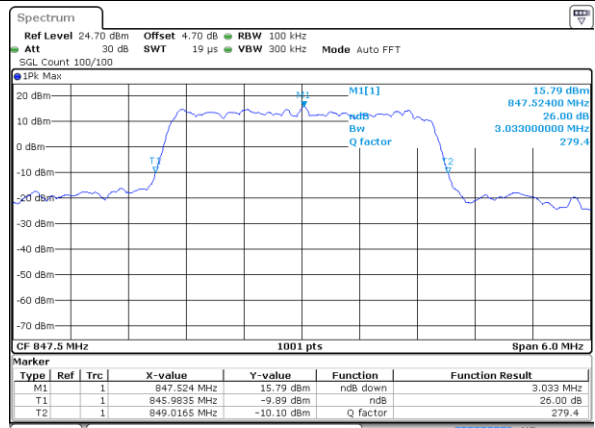
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



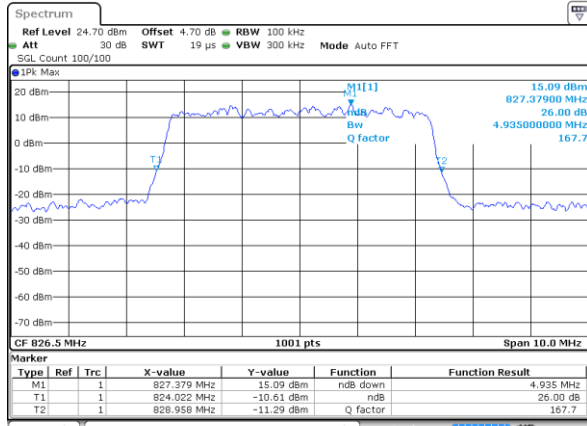
Highest Channel / 3MHz / 16QAM



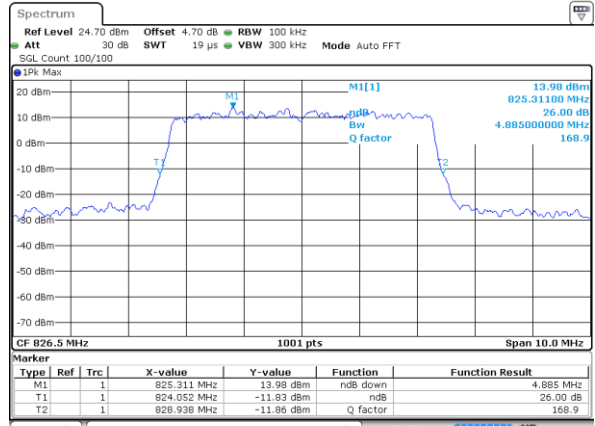


LTE Band 5

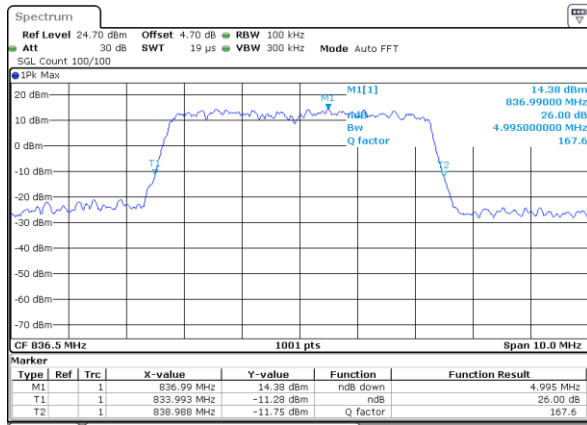
Lowest Channel / 5MHz / QPSK



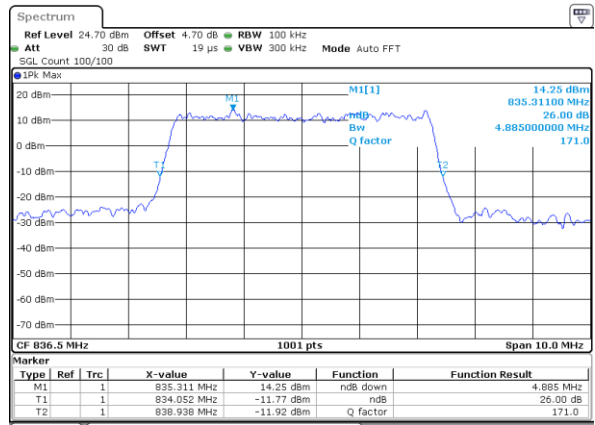
Lowest Channel / 5MHz / 16QAM



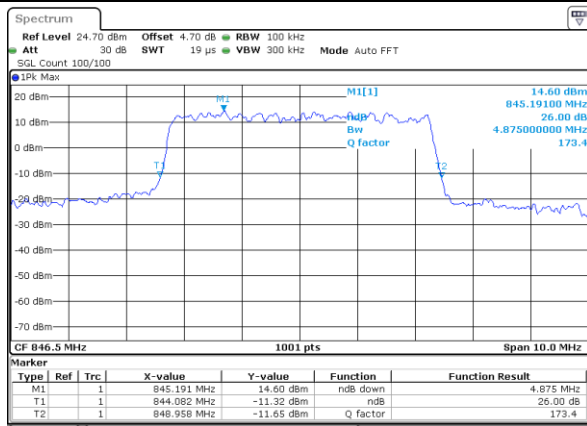
Middle Channel / 5MHz / QPSK



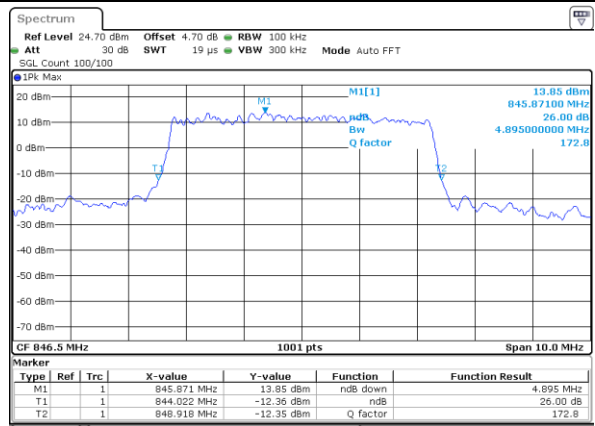
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



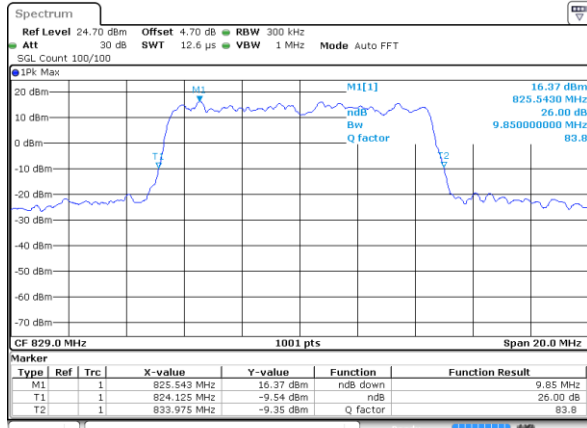
Highest Channel / 5MHz / 16QAM





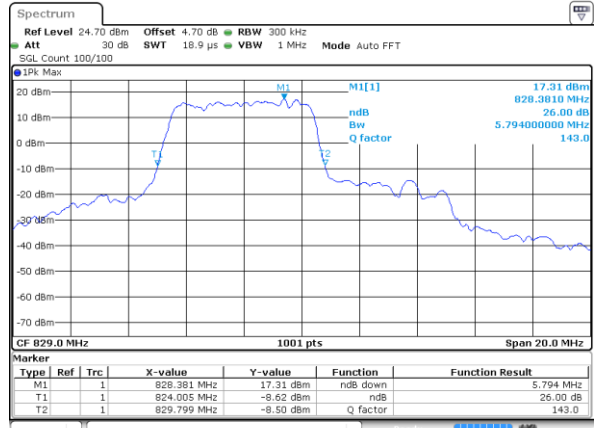
LTE Band 5

Lowest Channel / 10MHz / QPSK



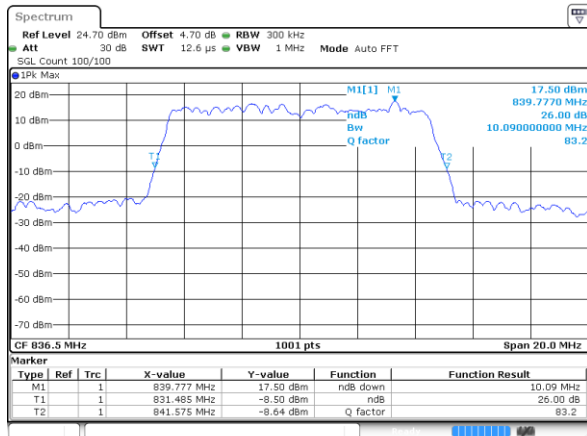
Date: 14 AUG 2019 06:52:06

Lowest Channel / 10MHz / 16QAM



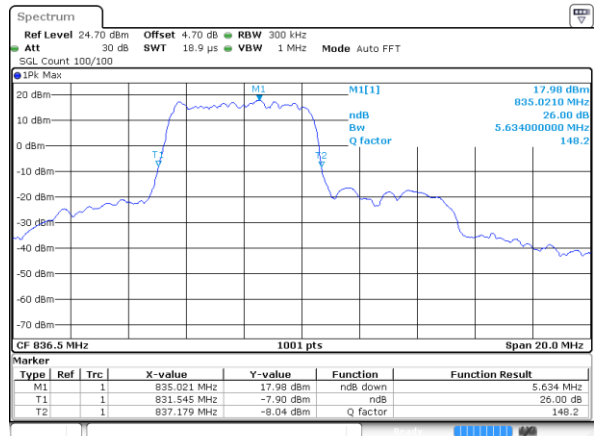
Date: 2 SEP 2019 10:53:43

Middle Channel / 10MHz / QPSK



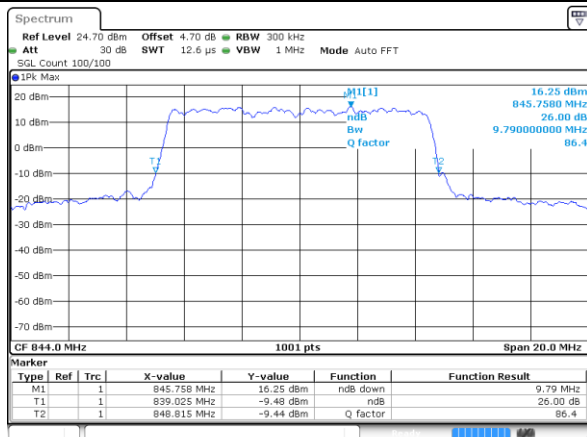
Date: 14 AUG 2019 06:54:43

Middle Channel / 10MHz / 16QAM



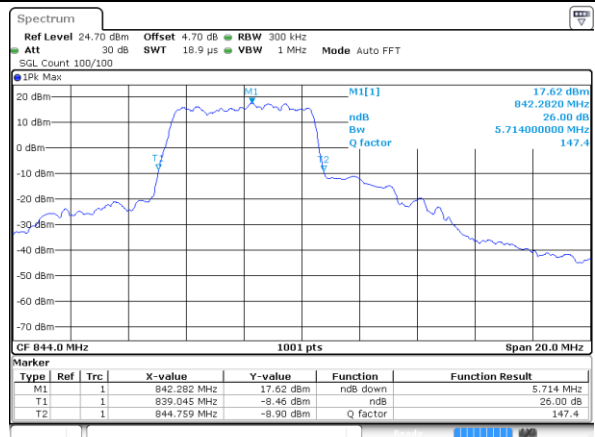
Date: 2 SEP 2019 10:55:13

Highest Channel / 10MHz / QPSK



Date: 14 AUG 2019 07:08:54

Highest Channel / 10MHz / 16QAM

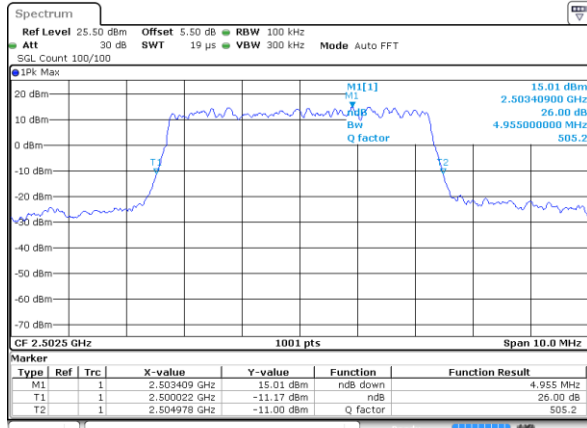


Date: 2 SEP 2019 10:55:36

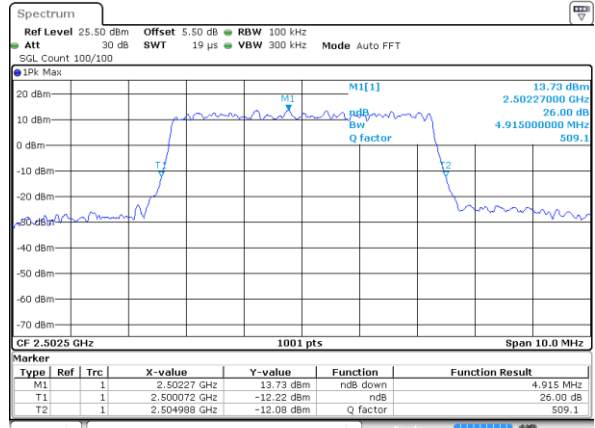


LTE Band 7

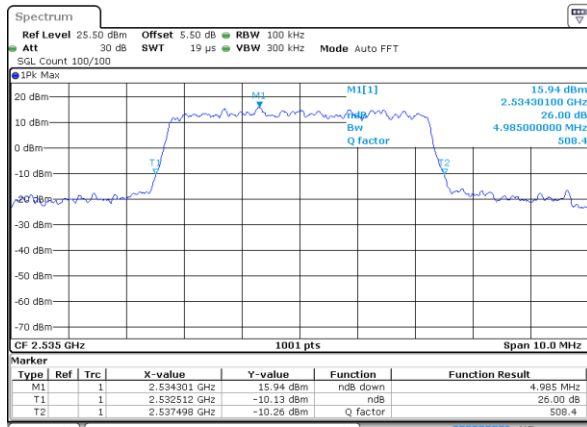
Lowest Channel / 5MHz / QPSK



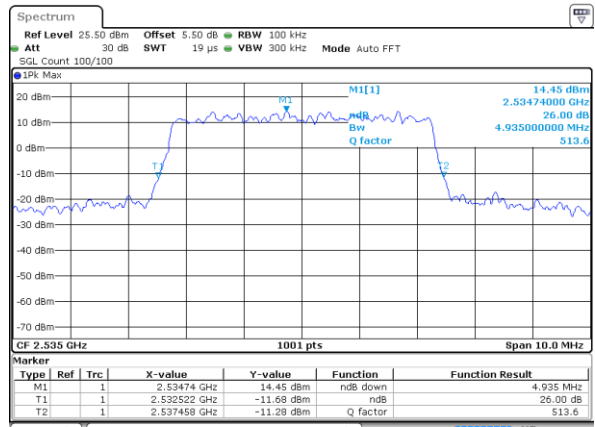
Lowest Channel / 5MHz / 16QAM



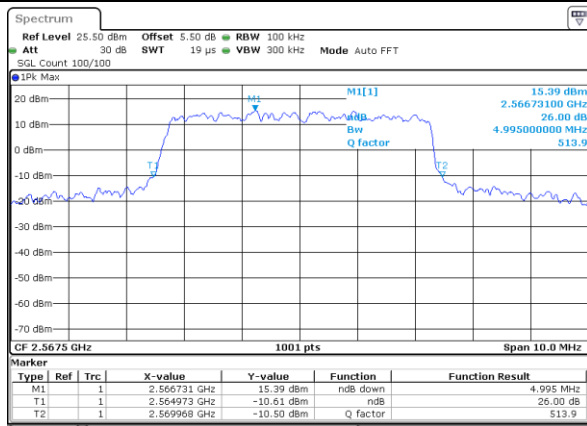
Middle Channel / 5MHz / QPSK



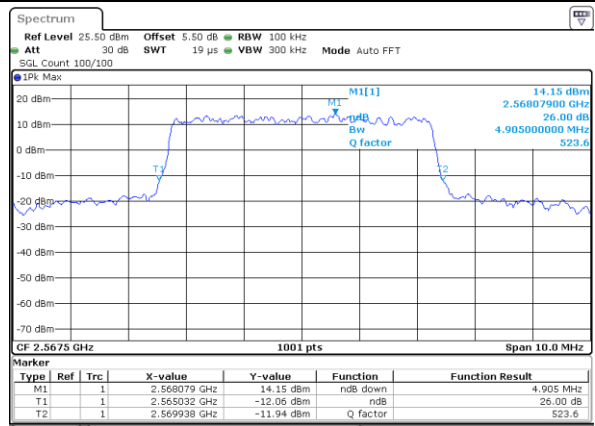
Middle Channel / 5MHz / 16QAM

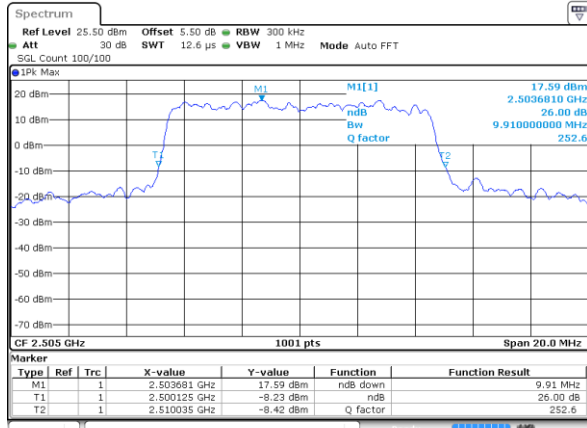


Highest Channel / 5MHz / QPSK

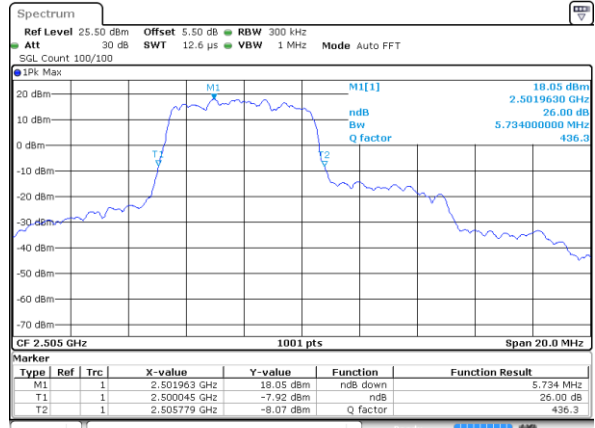


Highest Channel / 5MHz / 16QAM

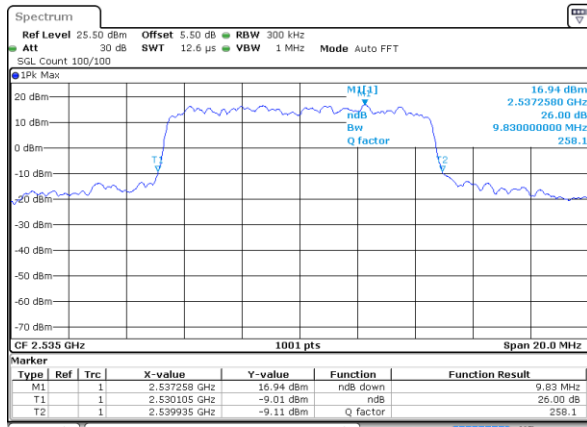


LTE Band 7
Lowest Channel / 10MHz / QPSK


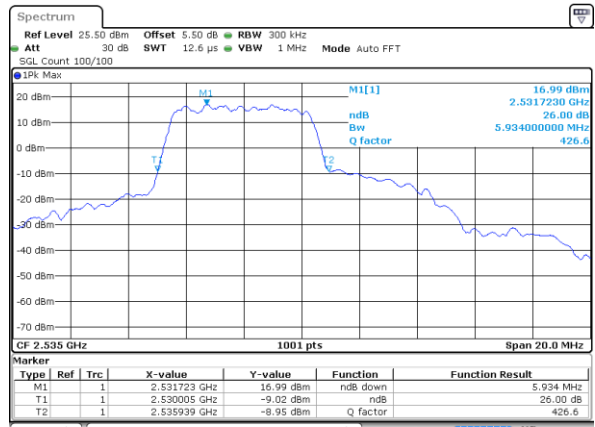
Date: 2 SEP 2019 01:40:14

Lowest Channel / 10MHz / 16QAM


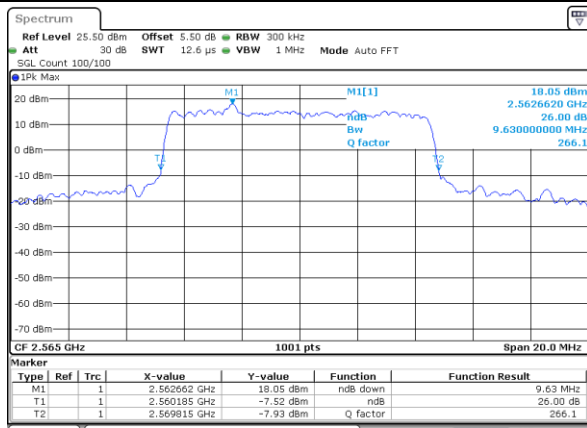
Date: 2 SEP 2019 02:37:11

Middle Channel / 10MHz / QPSK


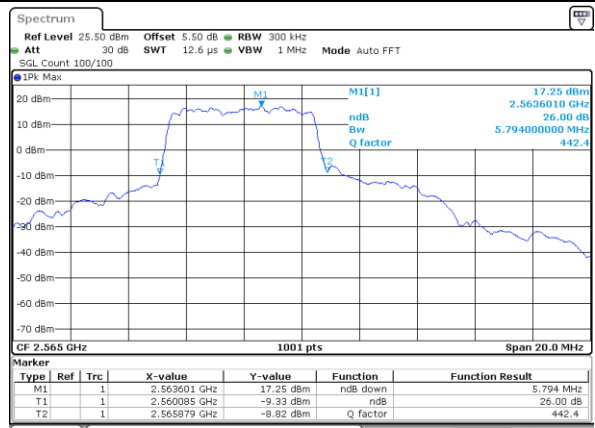
Date: 2 SEP 2019 02:41:54

Middle Channel / 10MHz / 16QAM


Date: 2 SEP 2019 02:37:11

Highest Channel / 10MHz / QPSK


Date: 2 SEP 2019 02:38:57

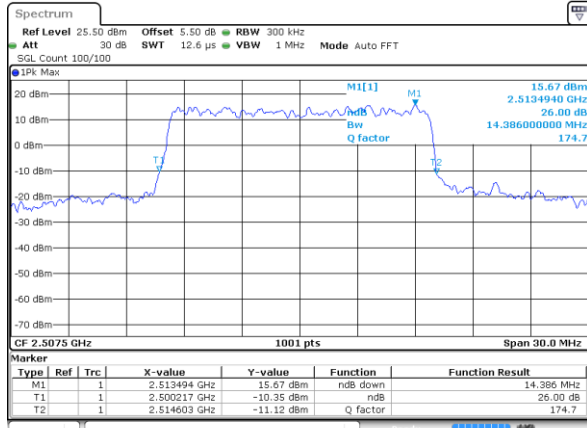
Highest Channel / 10MHz / 16QAM


Date: 2 SEP 2019 02:37:54

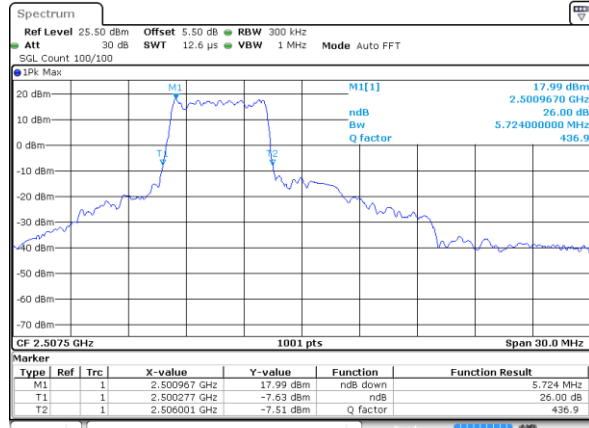


LTE Band 7

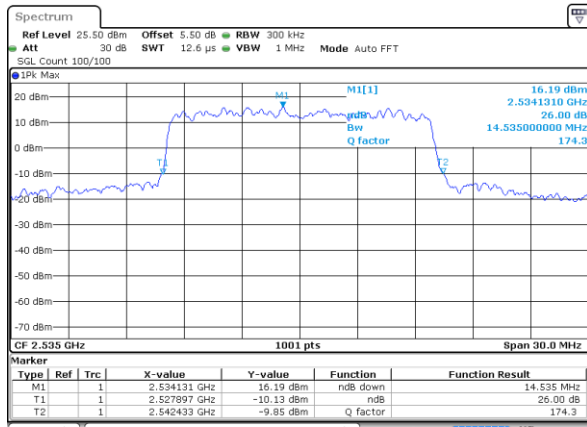
Lowest Channel / 15MHz / QPSK



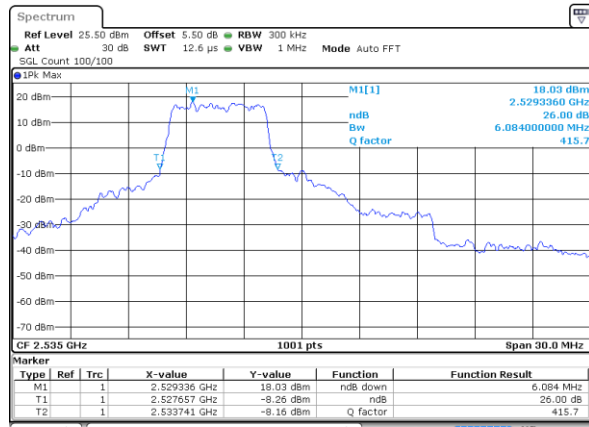
Lowest Channel / 15MHz / 16QAM



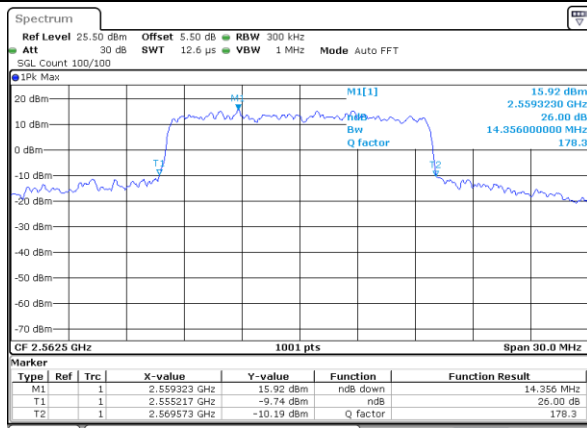
Middle Channel / 15MHz / QPSK



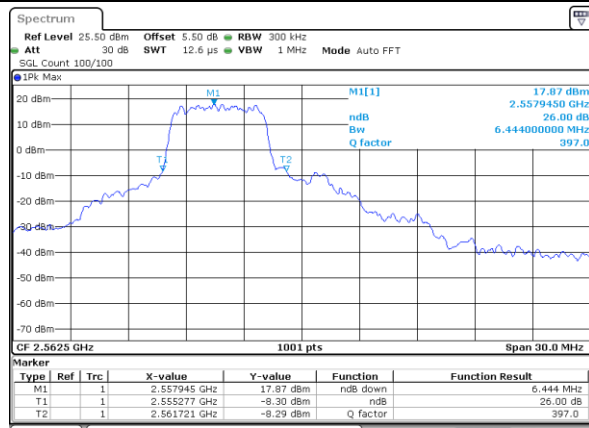
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



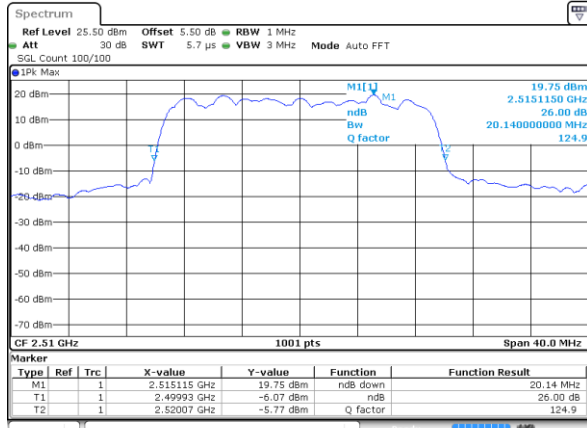
Highest Channel / 15MHz / 16QAM



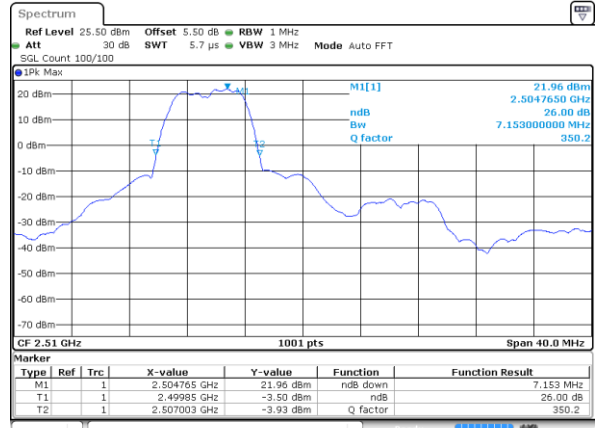


LTE Band 7

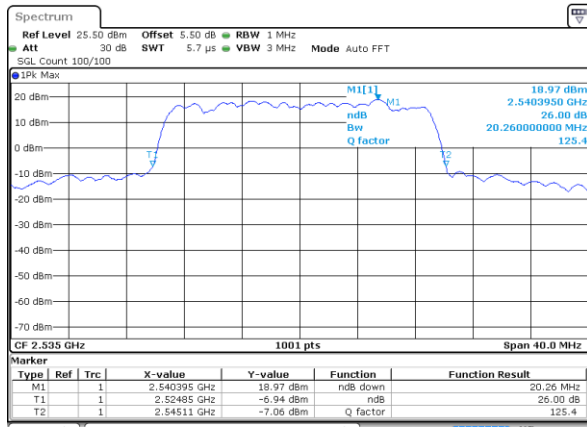
Lowest Channel / 20MHz / QPSK



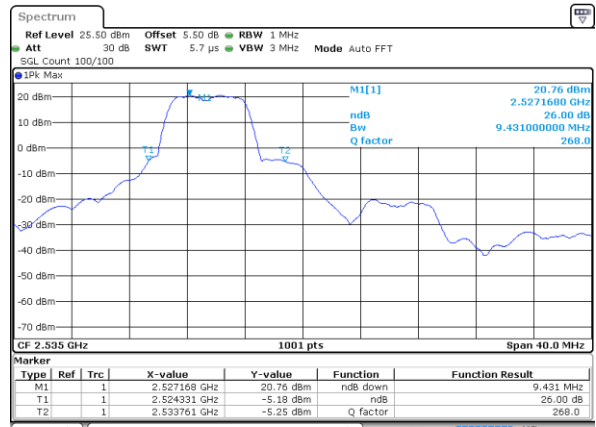
Lowest Channel / 20MHz / 16QAM



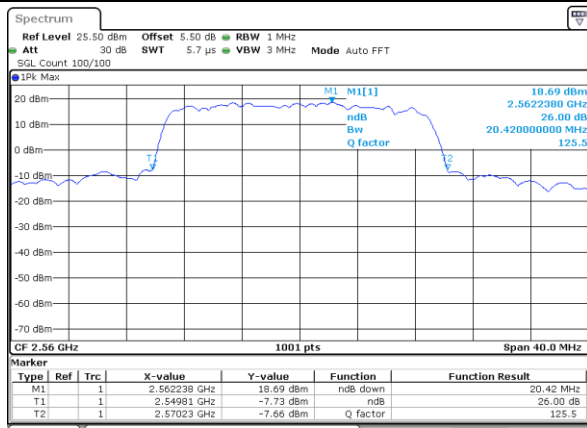
Middle Channel / 20MHz / QPSK



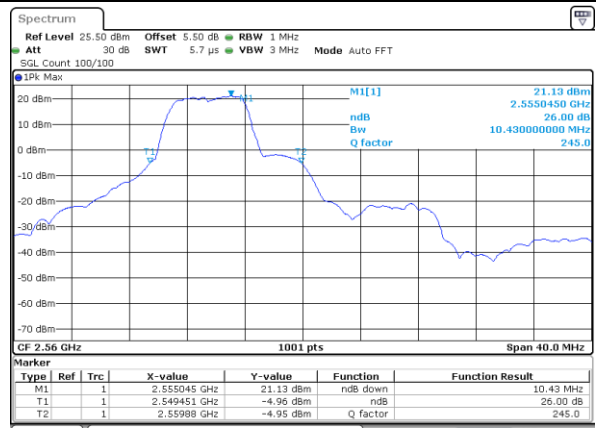
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



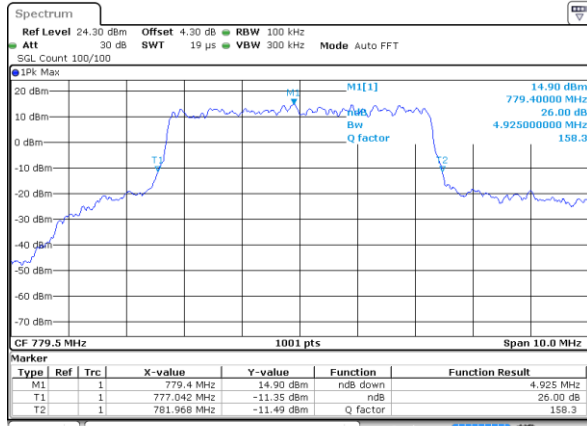
Highest Channel / 20MHz / 16QAM





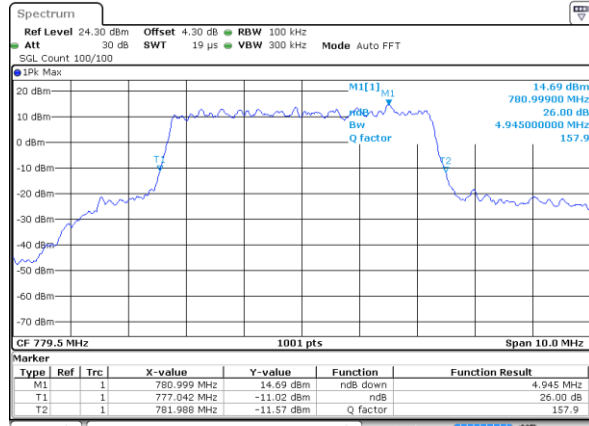
LTE Band 13

Lowest Channel / 5MHz / QPSK



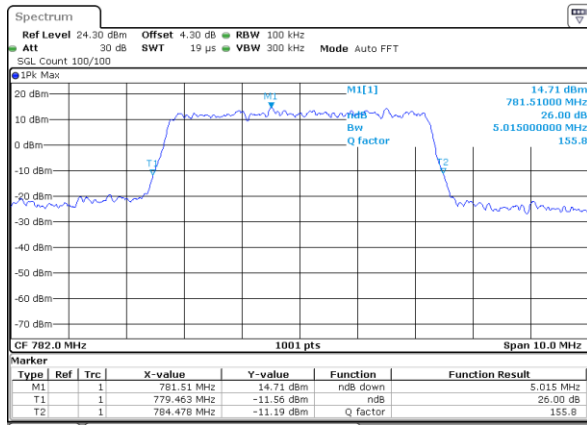
Date: 2 SEP 2019 04:18:02

Lowest Channel / 5MHz / 16QAM



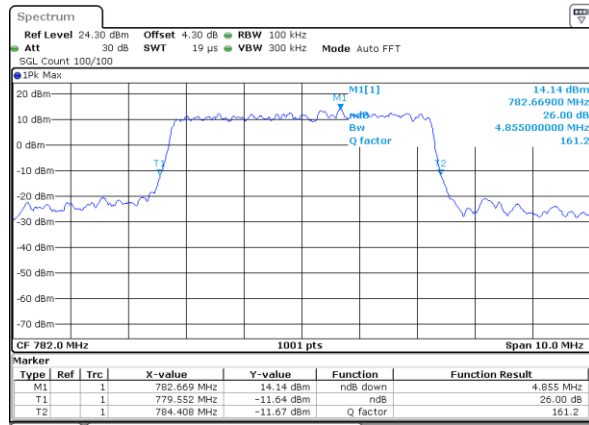
Date: 2 SEP 2019 04:18:12

Middle Channel / 5MHz / QPSK



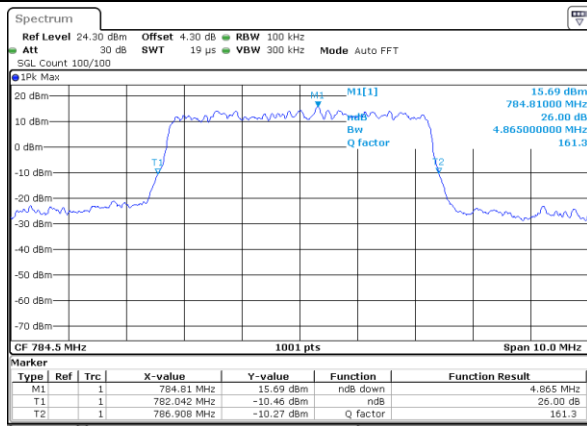
Date: 2 SEP 2019 04:27:01

Middle Channel / 5MHz / 16QAM



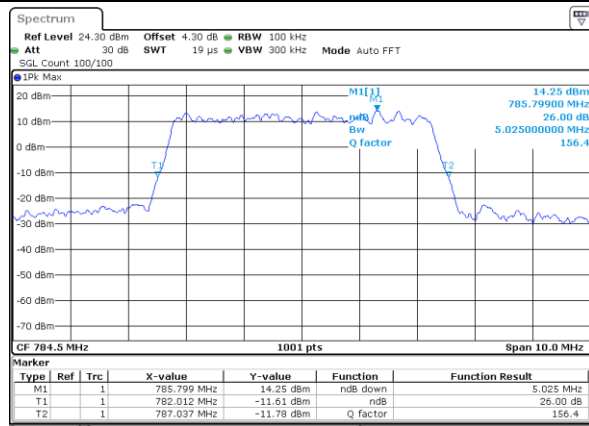
Date: 2 SEP 2019 04:27:11

Highest Channel / 5MHz / QPSK



Date: 2 SEP 2019 04:29:39

Highest Channel / 5MHz / 16QAM

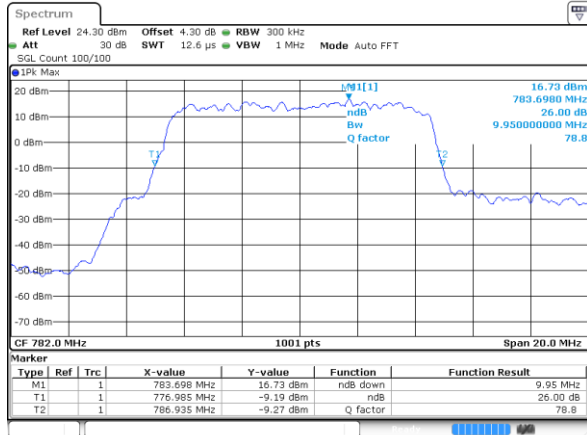


Date: 2 SEP 2019 04:29:29



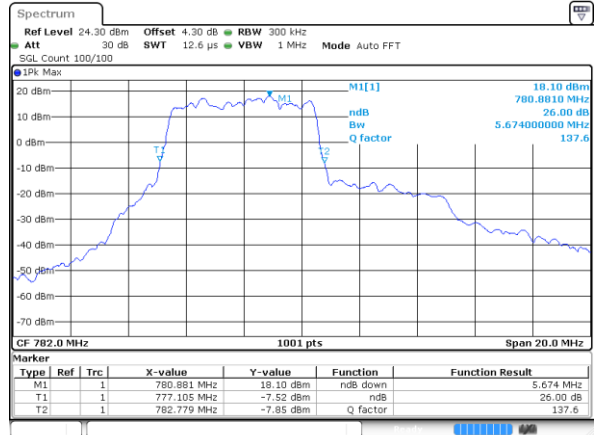
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 2 SEP 2019 04:42:28

Middle Channel / 10MHz / 16QAM



Date: 2 SEP 2019 05:09:07



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	1.1	2.74	2.73	4.49	4.51	9.03	5.11	13.46	5.03	18.22	6.03
Middle CH	1.1	1.1	2.72	2.74	4.5	4.48	9.01	5	13.46	5.21	18.1	6.23
Highest CH	1.1	1.09	2.72	2.72	4.49	4.49	8.97	5.05	13.43	5.06	18.26	6.31

Mode	LTE Band 4 : 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	2.70	2.72	4.50	4.51	9.09	5.01	13.37	5.06	18.26	5.99
Middle CH	1.10	1.09	2.70	2.73	4.50	4.47	9.03	5.01	13.46	5.03	18.42	5.99
Highest CH	1.09	1.09	2.70	2.71	4.50	4.50	9.09	5.07	13.37	5.03	18.38	5.87

Mode	LTE Band 5 : 99%OBW(MHz)							
BW	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.73	4.49	4.5	9.01	5.03
Middle CH	1.09	1.09	2.7	2.72	4.51	4.49	9.01	5.01
Highest CH	1.1	1.09	2.72	2.73	4.49	4.5	8.99	5.05

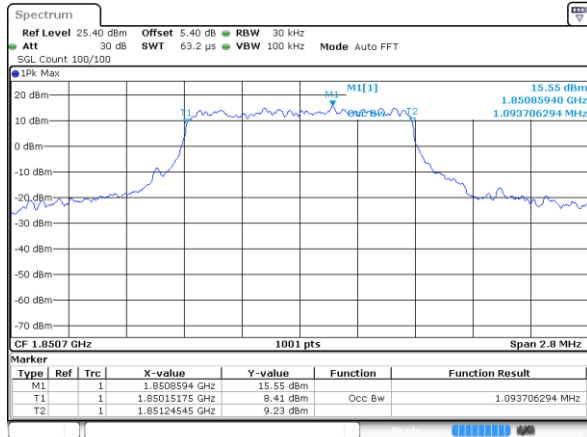
Mode	LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.48	4.49	8.95	5.01	13.46	5.03	18.42	6.07
Middle CH	4.48	4.49	9.01	5.01	13.43	5.03	18.42	6.23
Highest CH	4.51	4.52	8.99	5.07	13.43	5.06	18.3	5.95

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	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.47	4.51	8.93	4.98	-	-	-	-
Highest CH	-	-	-	-	4.49	4.48	-	-	-	-	-	-

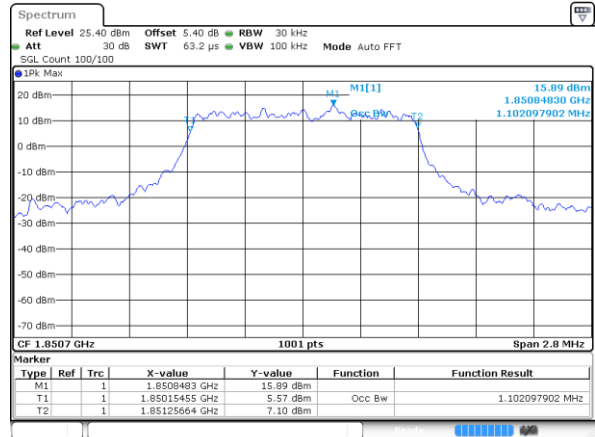


LTE Band 2

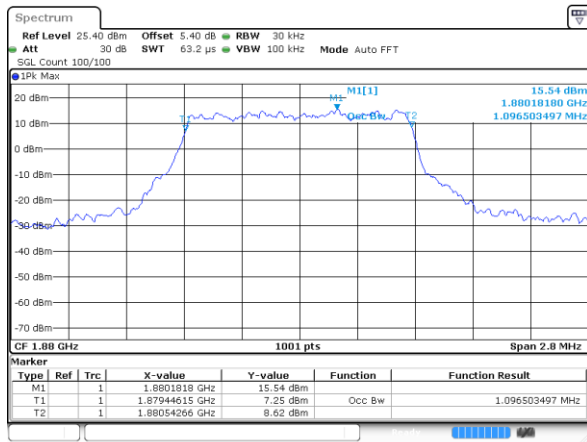
Lowest Channel / 1.4MHz / QPSK



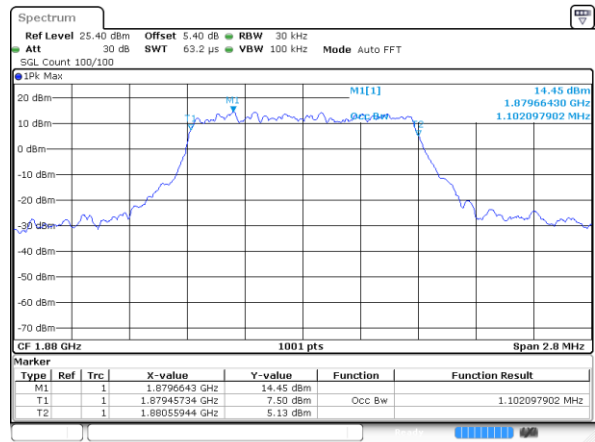
Lowest Channel / 1.4MHz / 16QAM



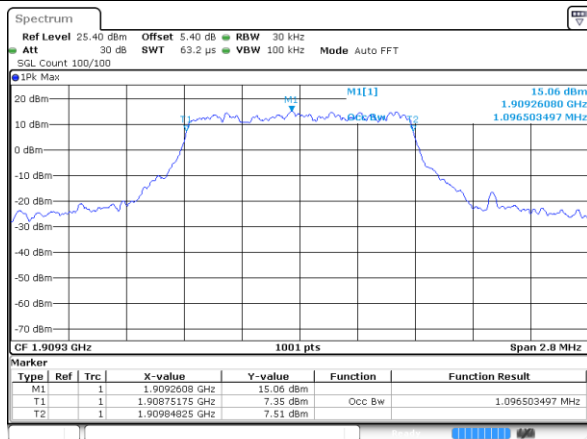
Middle Channel / 1.4MHz / QPSK



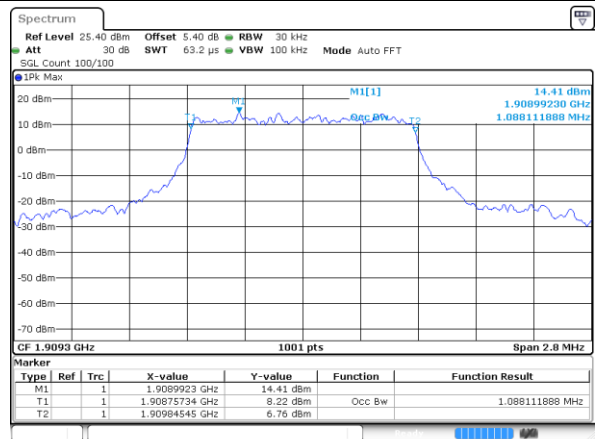
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



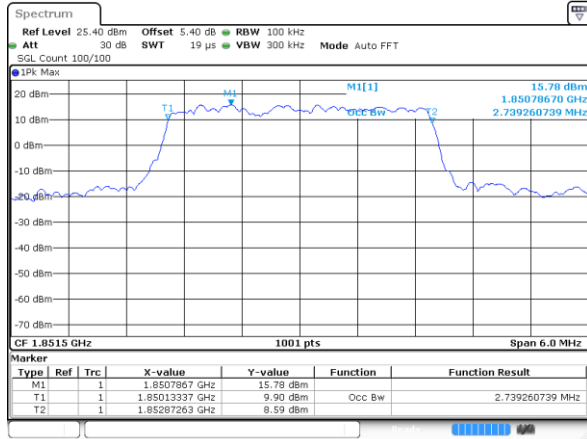
Highest Channel / 1.4MHz / 16QAM



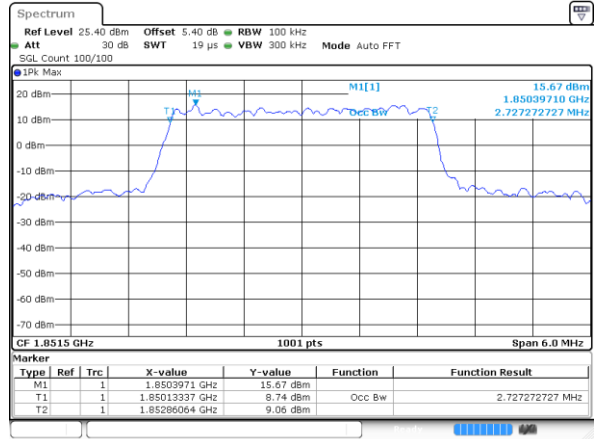


LTE Band 2

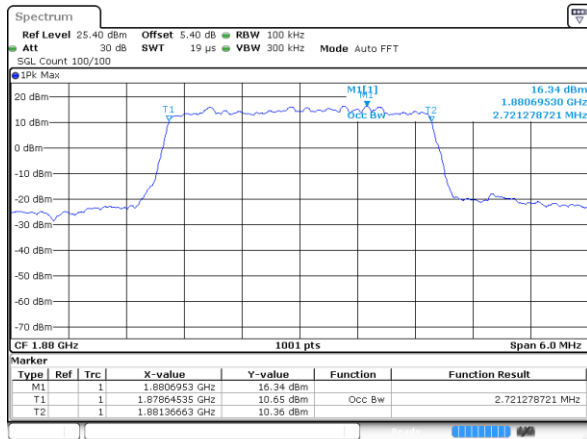
Lowest Channel / 3MHz / QPSK



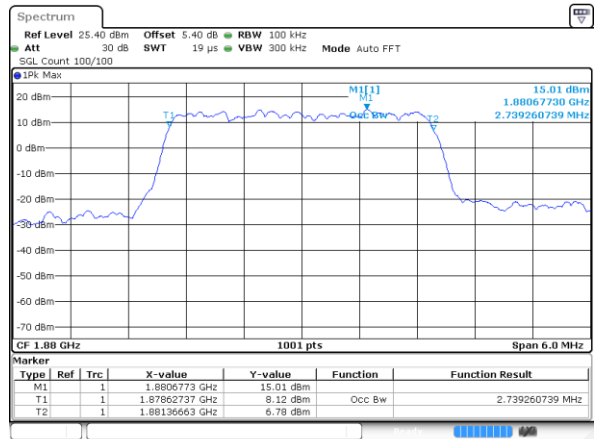
Lowest Channel / 3MHz / 16QAM



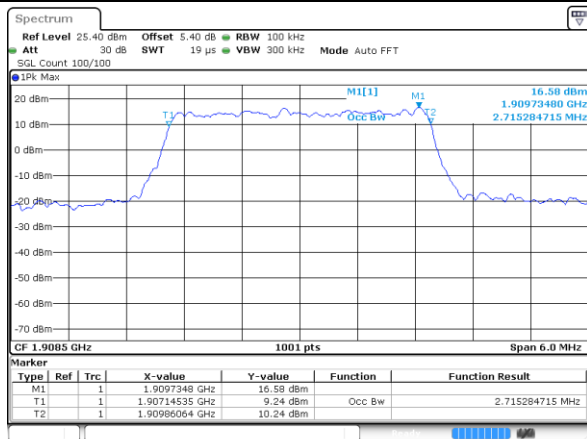
Middle Channel / 3MHz / QPSK



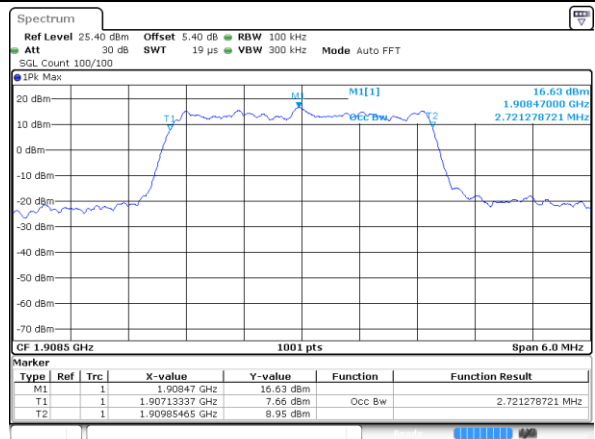
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



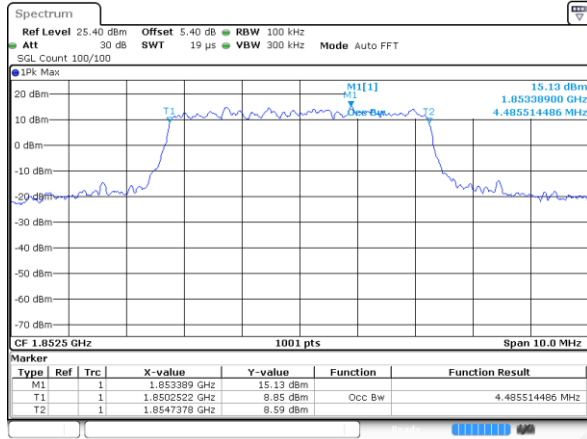
Highest Channel / 3MHz / 16QAM





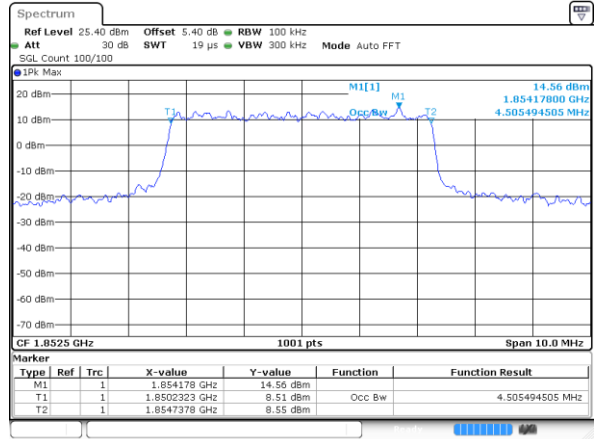
LTE Band 2

Lowest Channel / 5MHz / QPSK



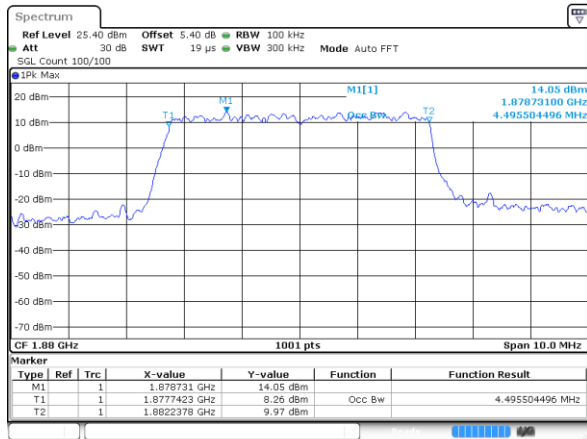
Date: 28 AUG 2019 15:09:21

Lowest Channel / 5MHz / 16QAM



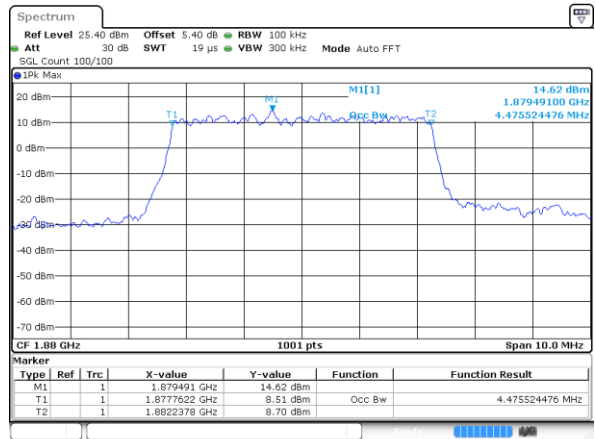
Date: 28 AUG 2019 15:09:31

Middle Channel / 5MHz / QPSK



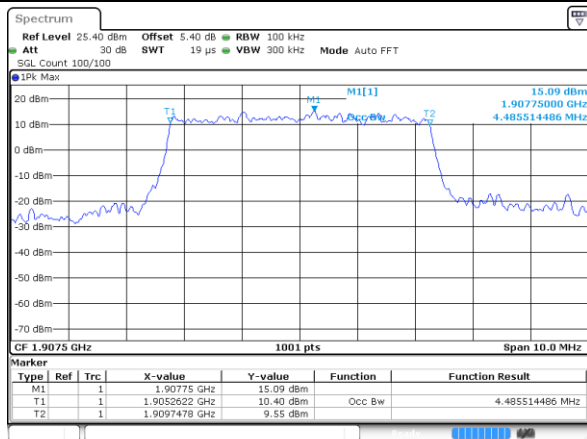
Date: 28 AUG 2019 15:28:23

Middle Channel / 5MHz / 16QAM



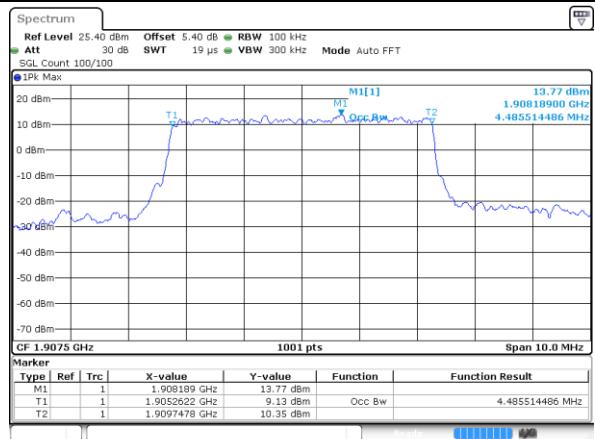
Date: 28 AUG 2019 15:28:33

Highest Channel / 5MHz / QPSK



Date: 28 AUG 2019 15:30:53

Highest Channel / 5MHz / 16QAM

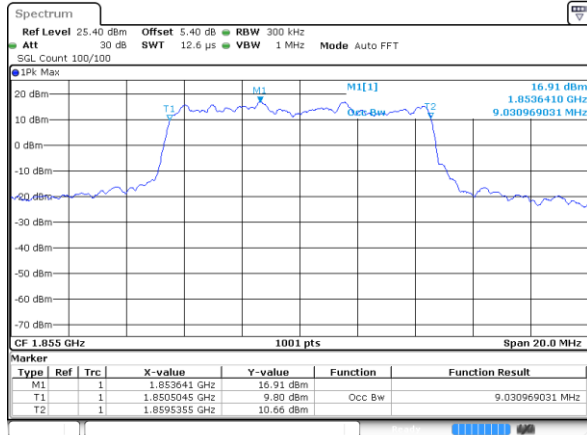


Date: 28 AUG 2019 15:31:03

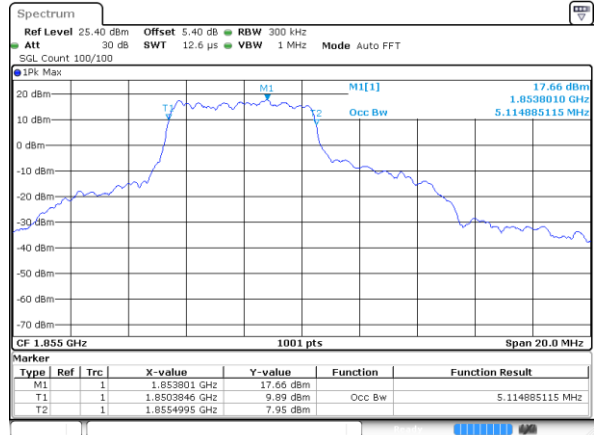


LTE Band 2

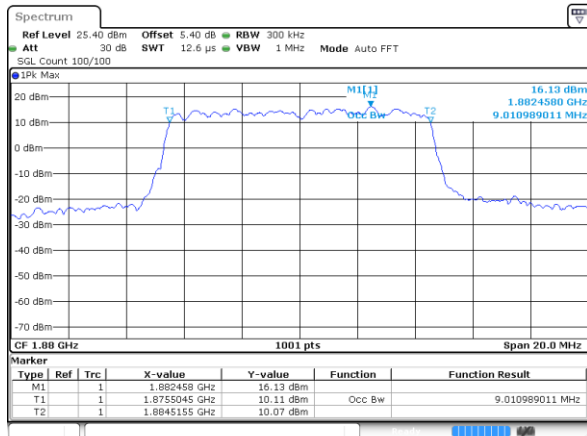
Lowest Channel / 10MHz / QPSK



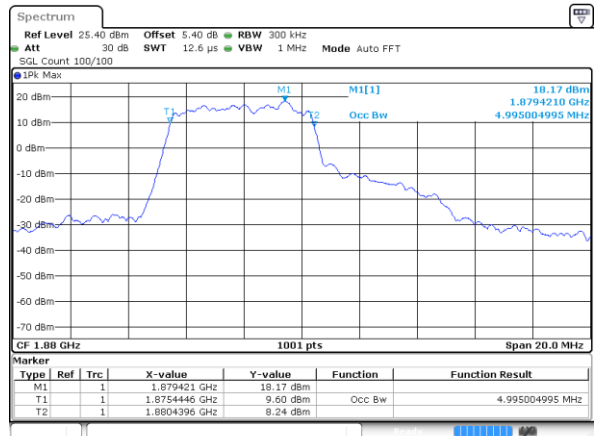
Lowest Channel / 10MHz / 16QAM



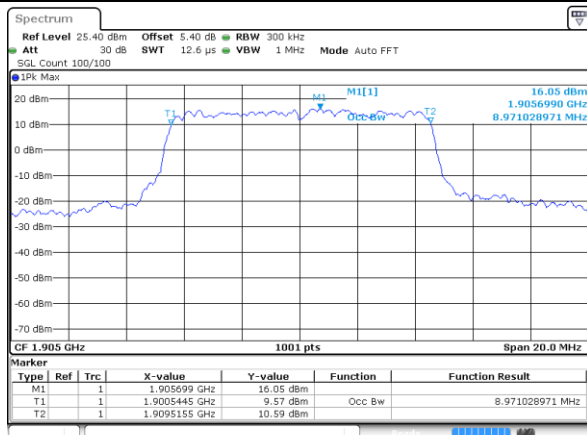
Middle Channel / 10MHz / QPSK



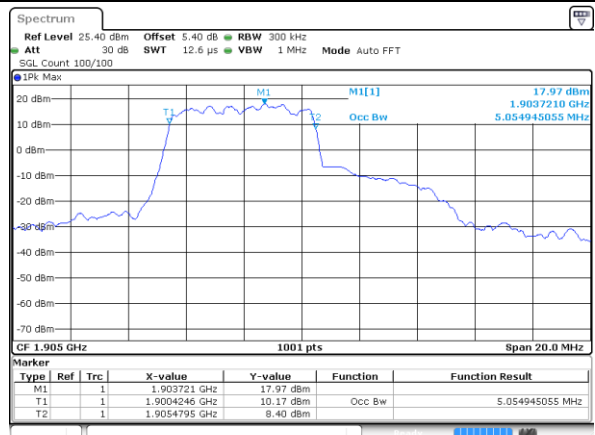
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



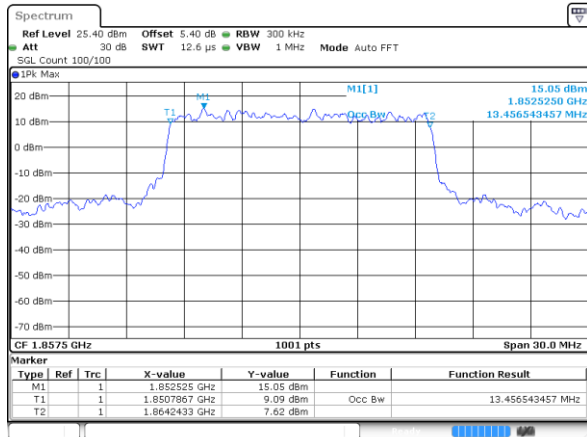
Highest Channel / 10MHz / 16QAM





LTE Band 2

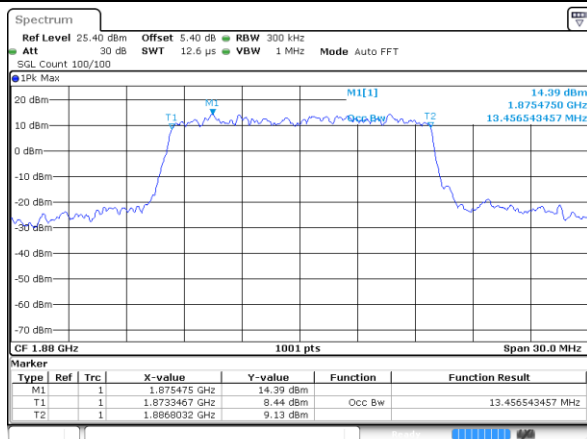
Lowest Channel / 15MHz / QPSK



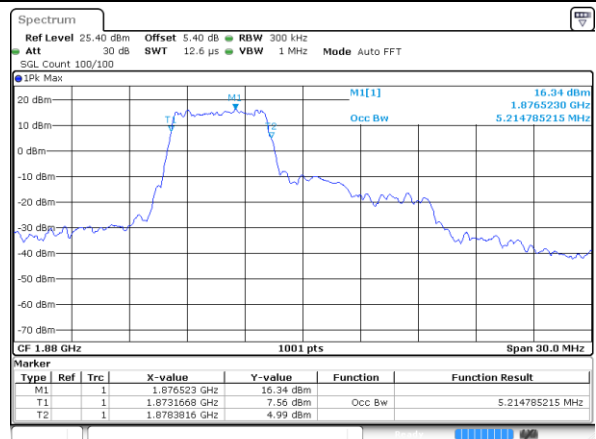
Lowest Channel / 15MHz / 16QAM



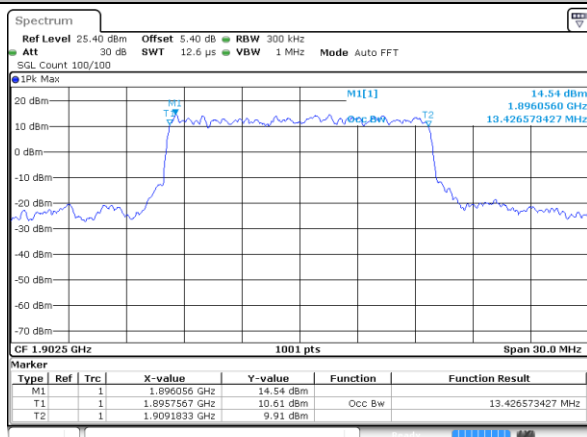
Middle Channel / 15MHz / QPSK



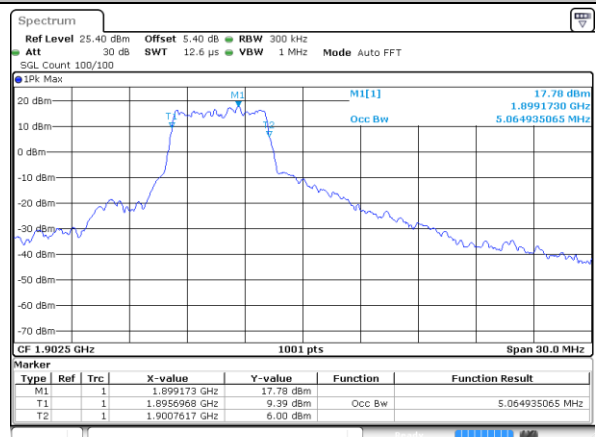
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



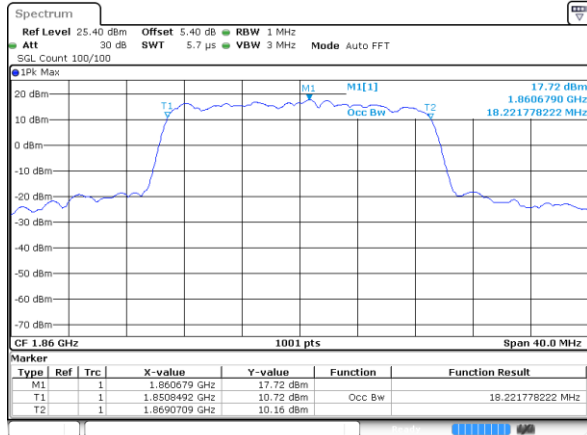
Highest Channel / 15MHz / 16QAM



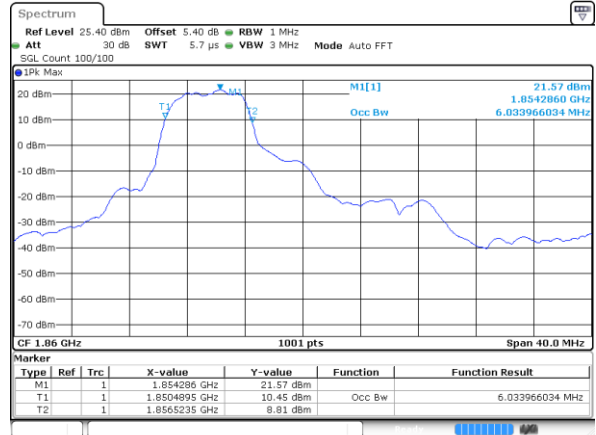


LTE Band 2

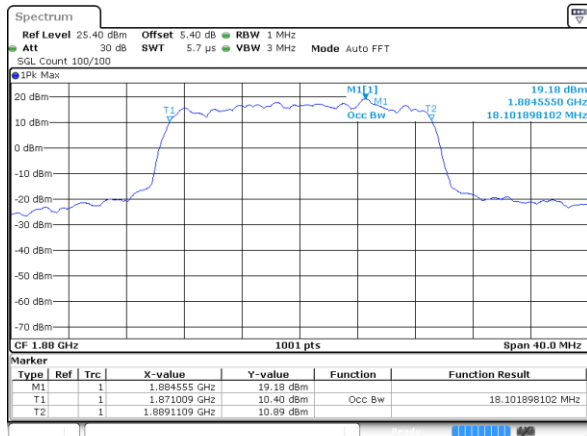
Lowest Channel / 20MHz / QPSK



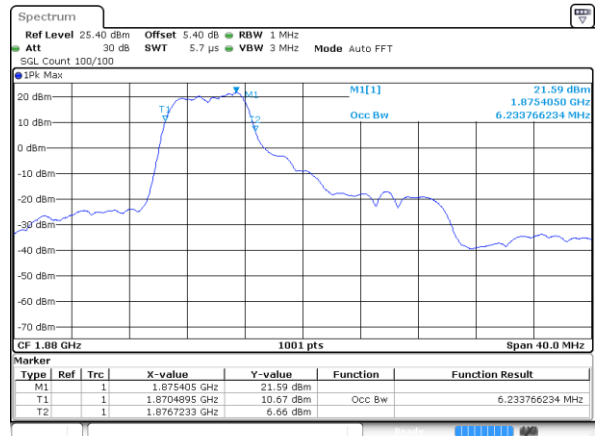
Lowest Channel / 20MHz / 16QAM



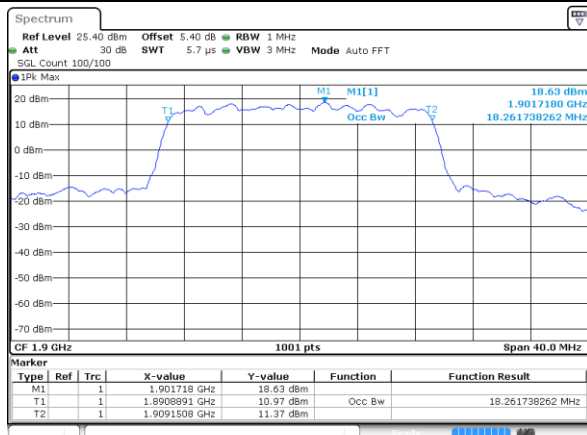
Middle Channel / 20MHz / QPSK



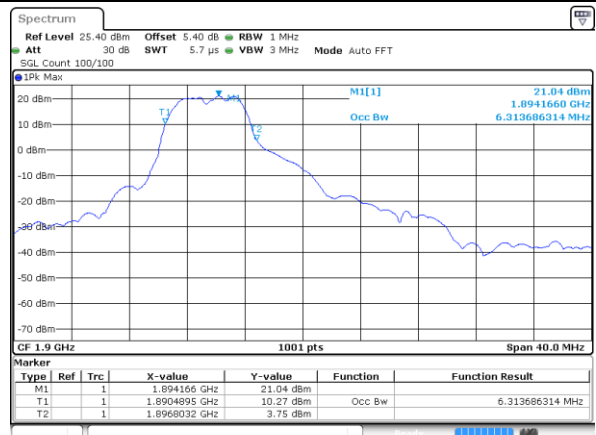
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



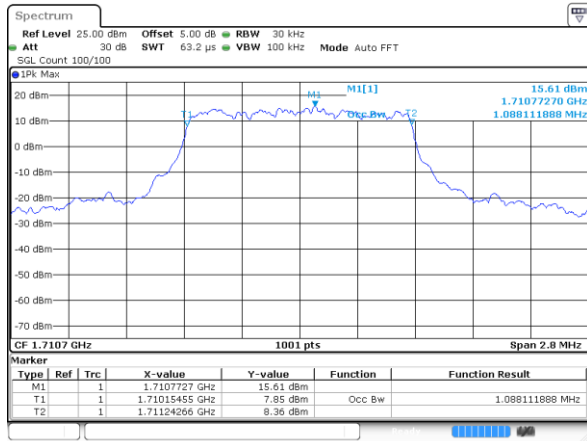
Highest Channel / 20MHz / 16QAM



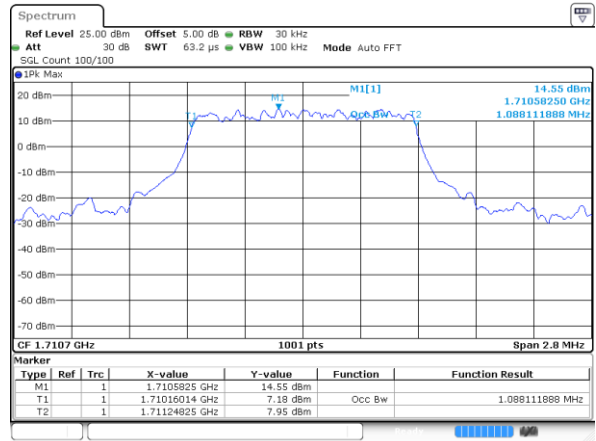


LTE Band 4

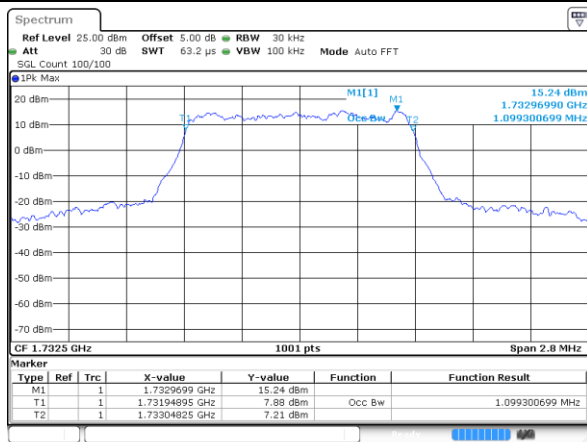
Lowest Channel / 1.4MHz / QPSK



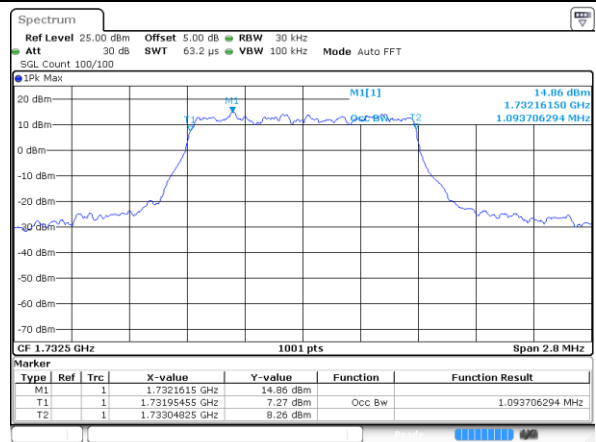
Lowest Channel / 1.4MHz / 16QAM



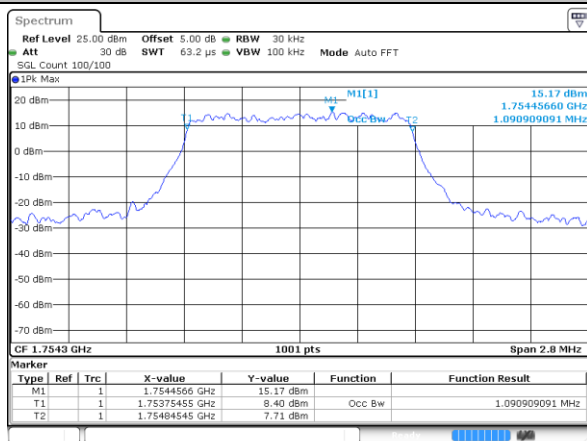
Middle Channel / 1.4MHz / QPSK



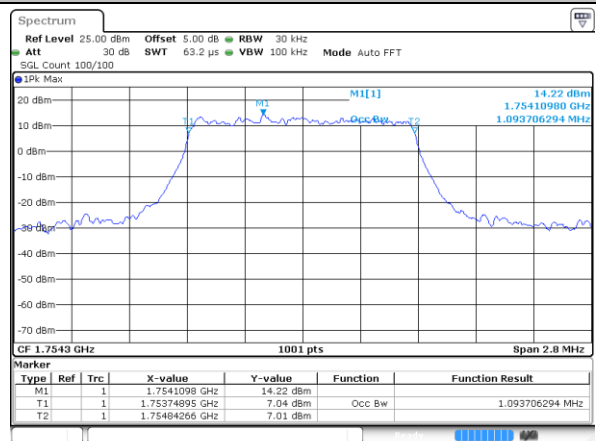
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



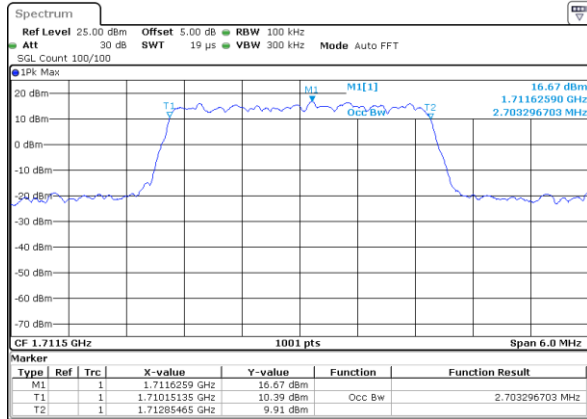
Highest Channel / 1.4MHz / 16QAM





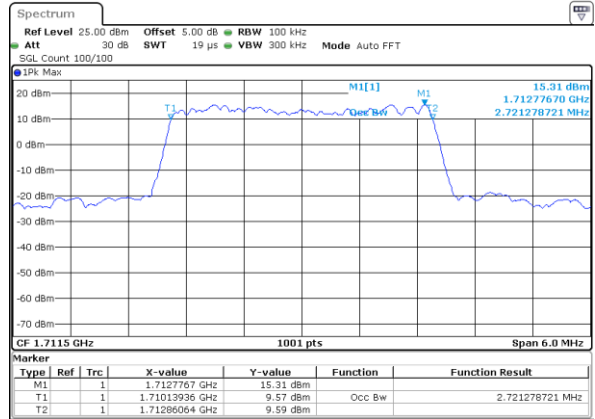
LTE Band 4

Lowest Channel / 3MHz / QPSK



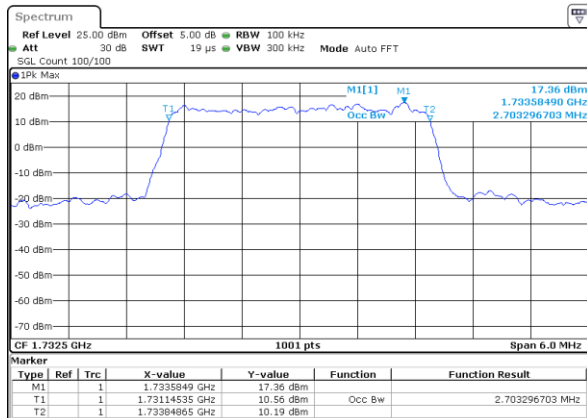
Date: 3 SEP 2019 03:25:03

Lowest Channel / 3MHz / 16QAM



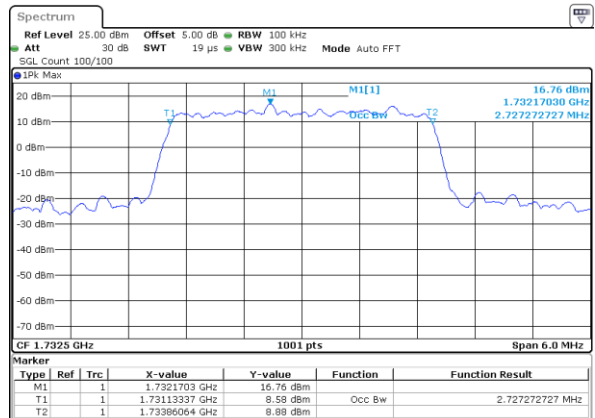
Date: 3 SEP 2019 03:25:13

Middle Channel / 3MHz / QPSK



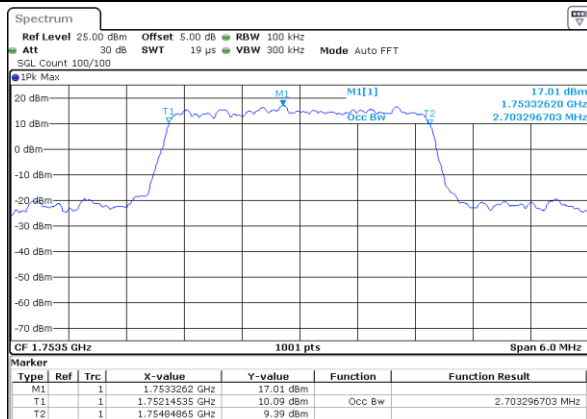
Date: 3 SEP 2019 03:31:57

Middle Channel / 3MHz / 16QAM



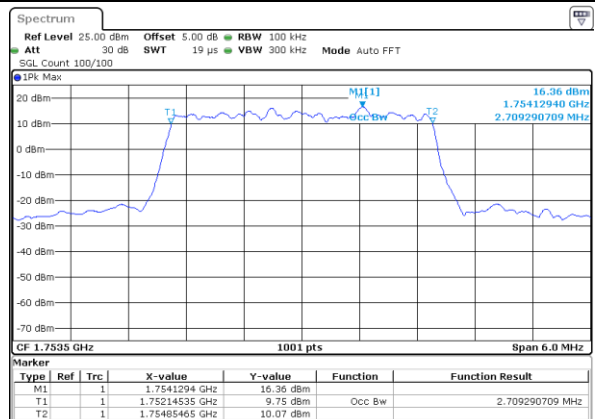
Date: 3 SEP 2019 03:32:07

Highest Channel / 3MHz / QPSK



Date: 3 SEP 2019 03:37:20

Highest Channel / 3MHz / 16QAM

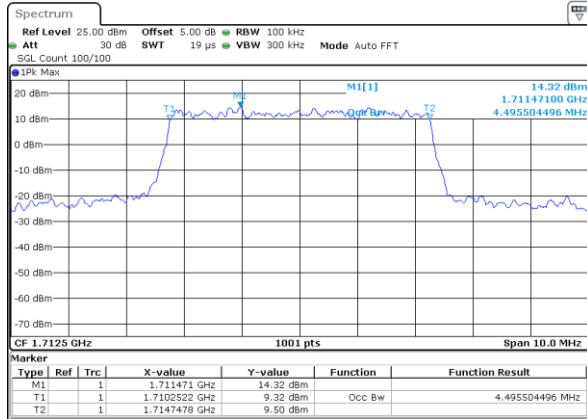


Date: 3 SEP 2019 03:37:30



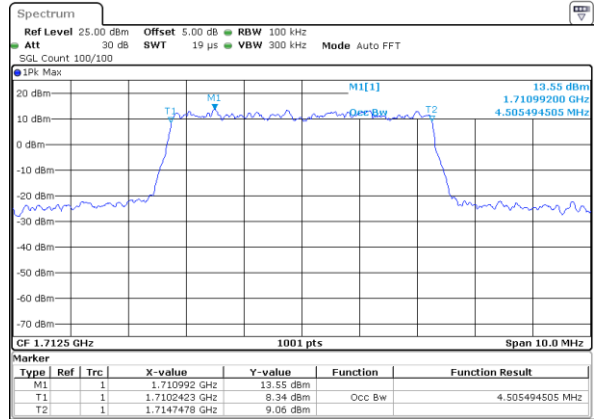
LTE Band 4

Lowest Channel / 5MHz / QPSK



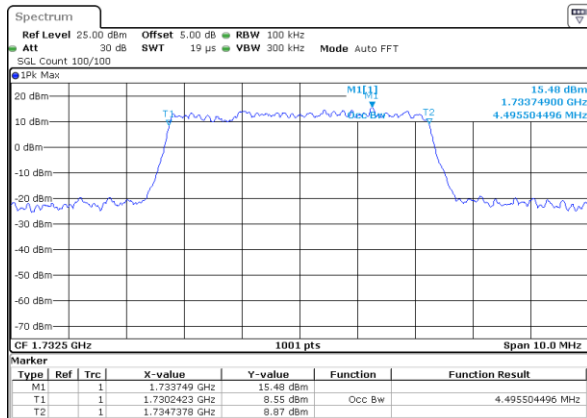
Date: 3 SEP 2019 03:44:14

Lowest Channel / 5MHz / 16QAM



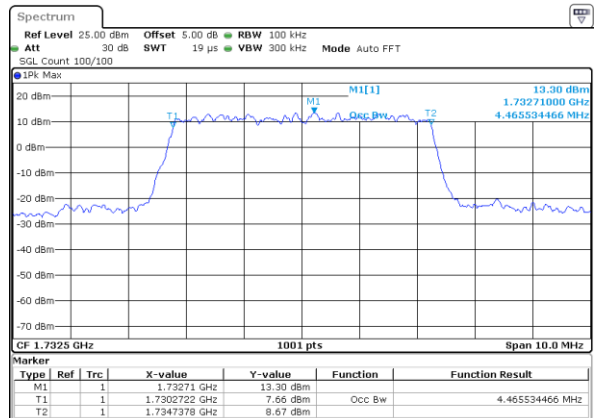
Date: 3 SEP 2019 03:44:24

Middle Channel / 5MHz / QPSK



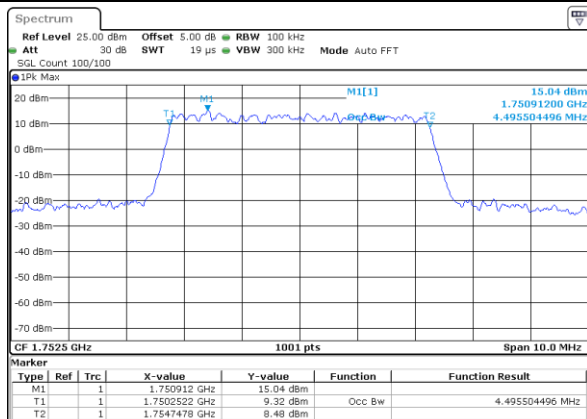
Date: 3 SEP 2019 03:51:08

Middle Channel / 5MHz / 16QAM



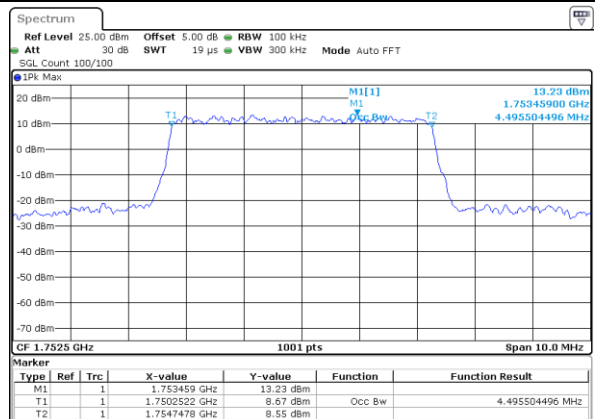
Date: 3 SEP 2019 03:51:18

Highest Channel / 5MHz / QPSK



Date: 3 SEP 2019 03:53:35

Highest Channel / 5MHz / 16QAM

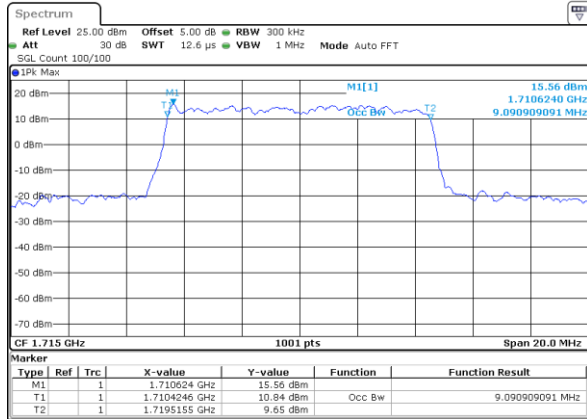


Date: 3 SEP 2019 03:53:45



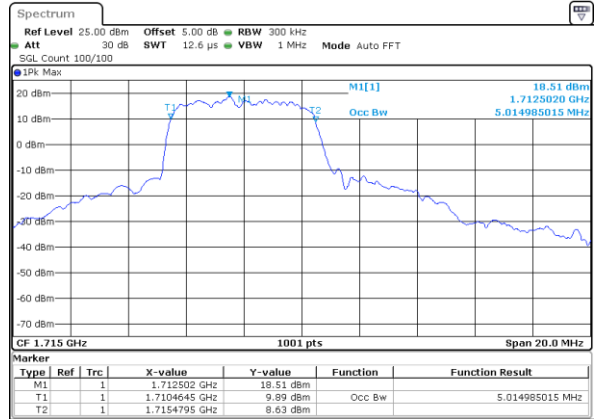
LTE Band 4

Lowest Channel / 10MHz / QPSK



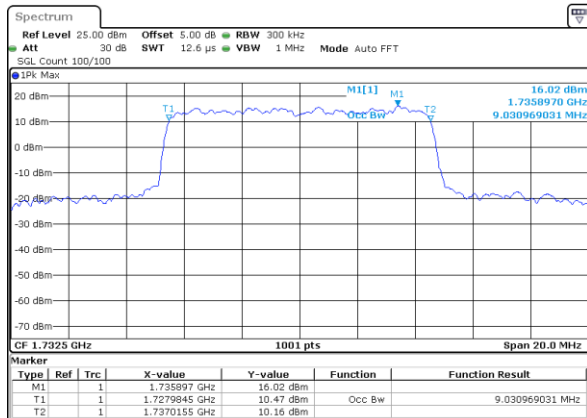
Date: 3 SEP 2019 04:00:29

Lowest Channel / 10MHz / 16QAM



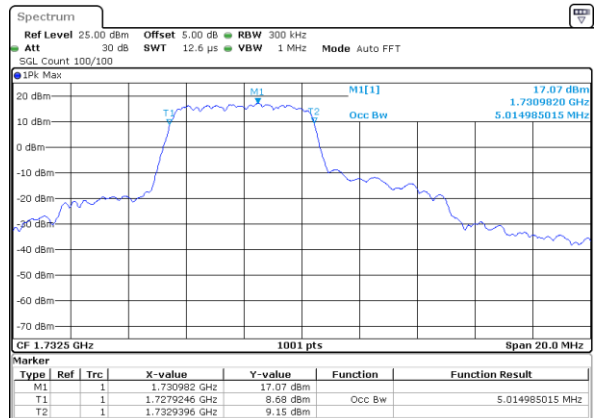
Date: 3 SEP 2019 08:25:15

Middle Channel / 10MHz / QPSK



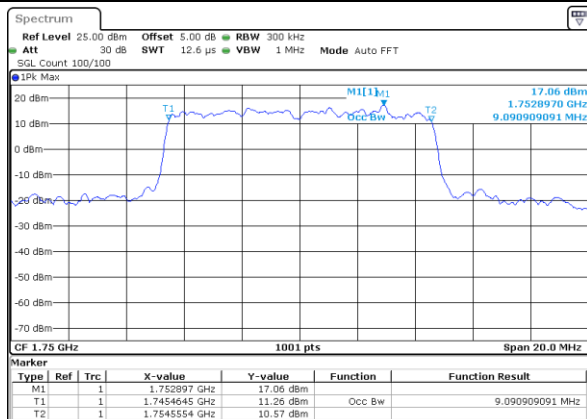
Date: 3 SEP 2019 04:26:34

Middle Channel / 10MHz / 16QAM



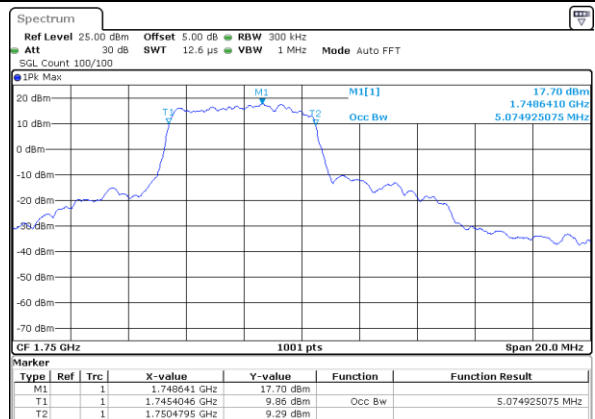
Date: 3 SEP 2019 08:24:32

Highest Channel / 10MHz / QPSK



Date: 3 SEP 2019 04:29:15

Highest Channel / 10MHz / 16QAM

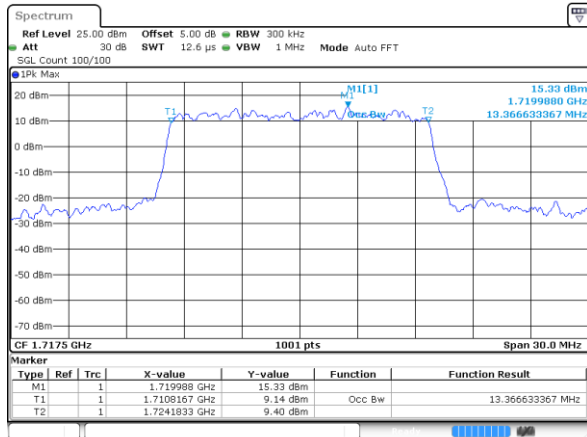


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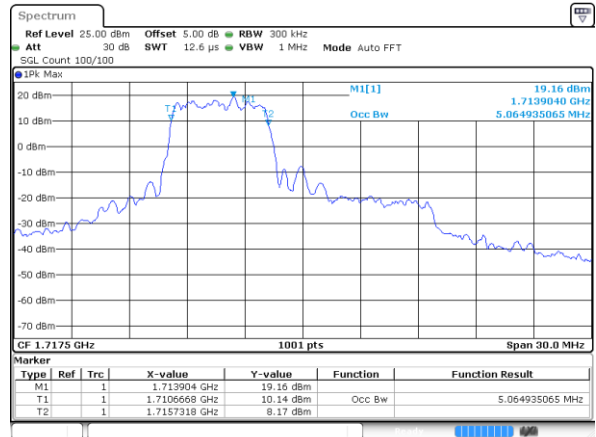


LTE Band 4

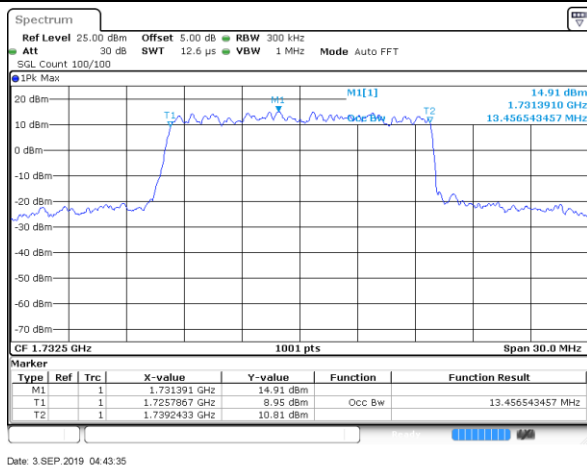
Lowest Channel / 15MHz / QPSK



Lowest Channel / 15MHz / 16QAM



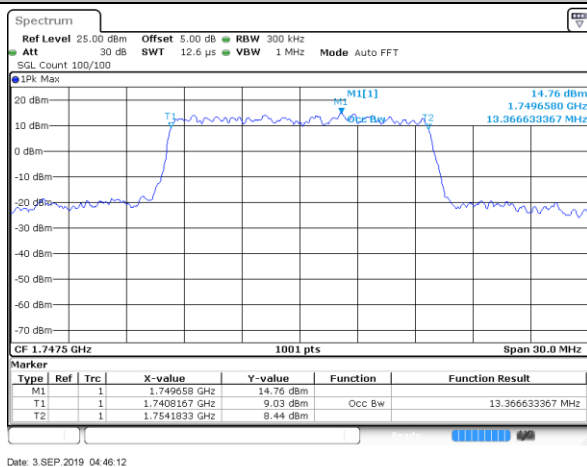
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

