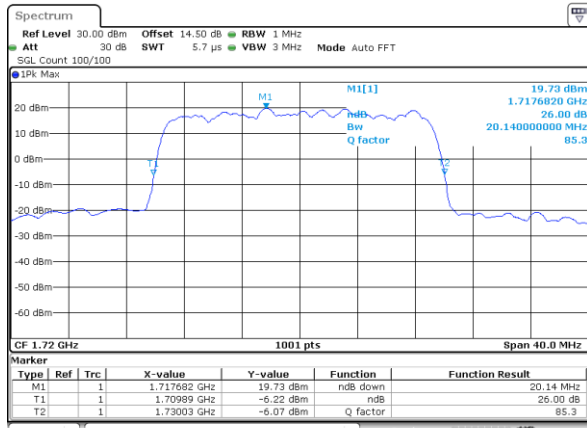




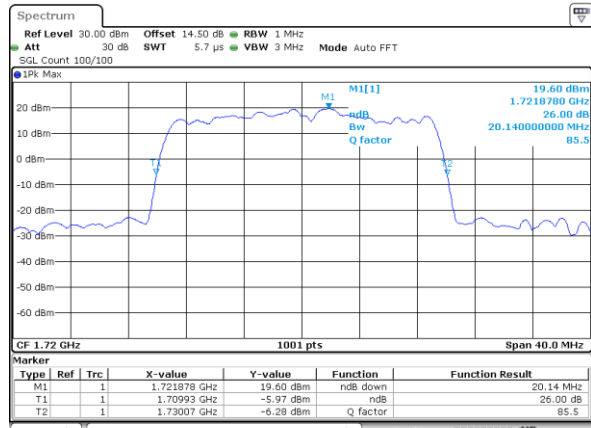
LTE Band 4

Lowest Channel / 20MHz / QPSK



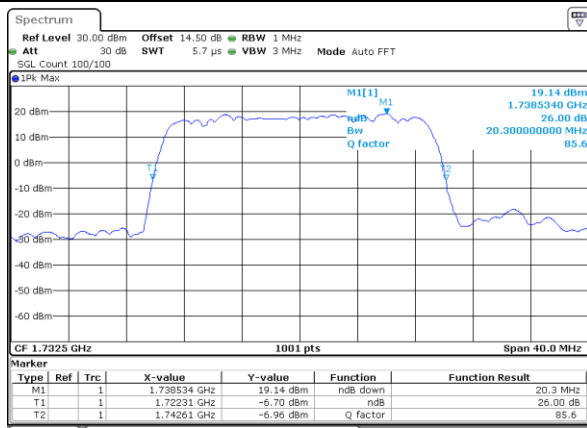
Date: 26.FEB.2019 10:33:23

Lowest Channel / 20MHz / 16QAM



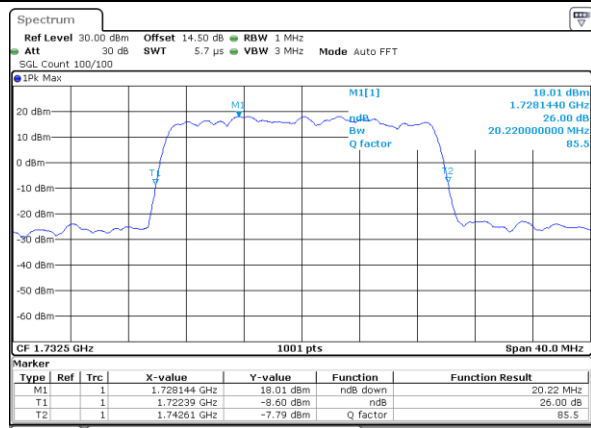
Date: 26.FEB.2019 10:33:33

Middle Channel / 20MHz / QPSK



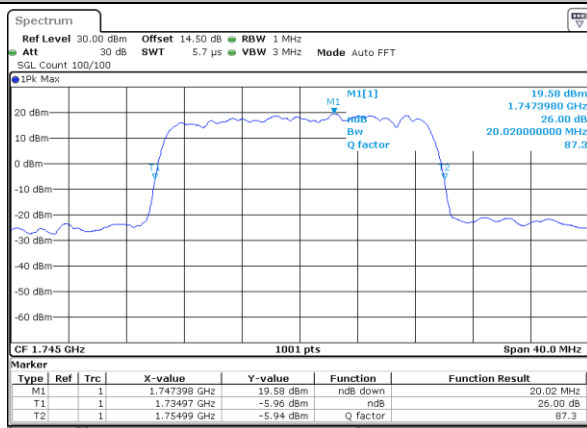
Date: 26.FEB.2019 10:40:35

Middle Channel / 20MHz / 16QAM



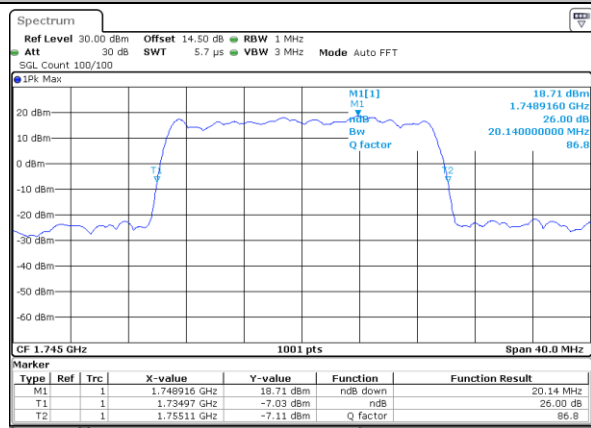
Date: 26.FEB.2019 10:40:46

Highest Channel / 20MHz / QPSK



Date: 26.FEB.2019 10:43:09

Highest Channel / 20MHz / 16QAM

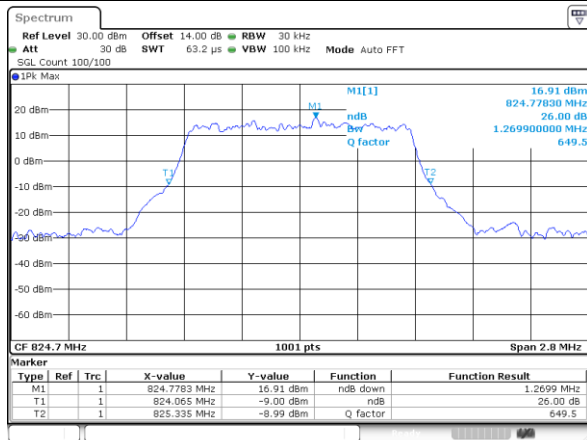


Date: 26.FEB.2019 10:43:20

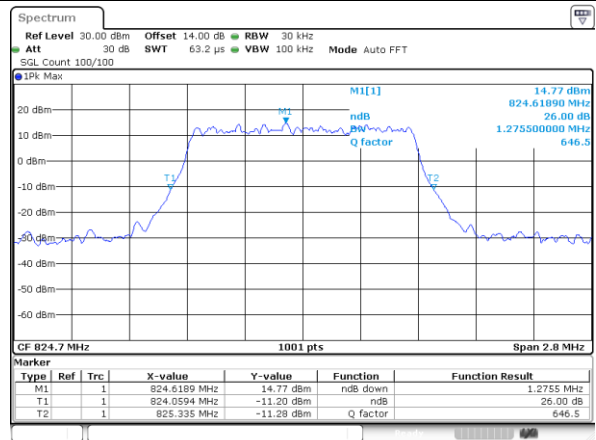


LTE Band 5

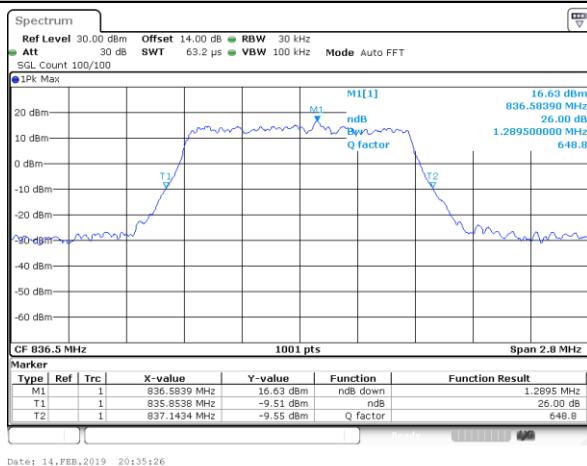
Lowest Channel / 1.4MHz / QPSK



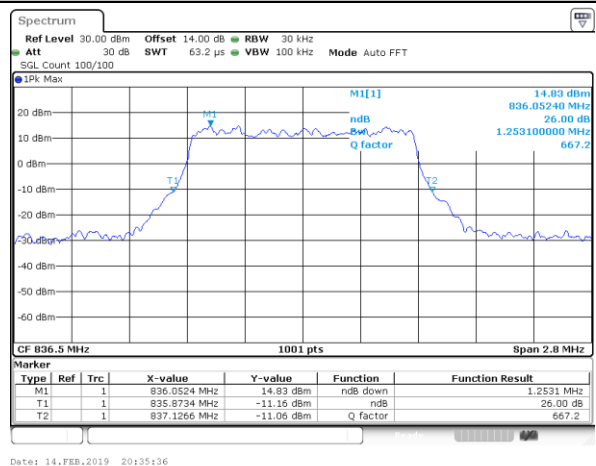
Lowest Channel / 1.4MHz / 16QAM



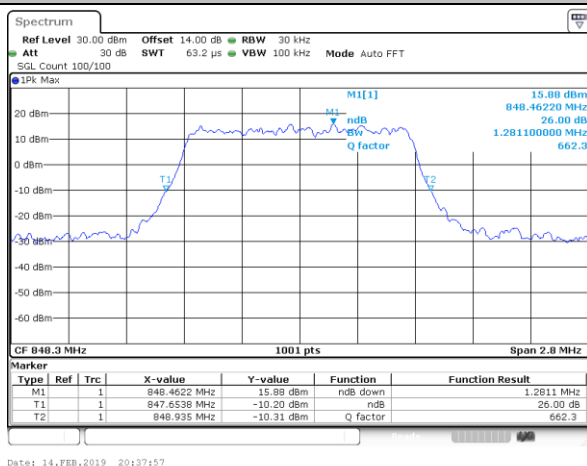
Middle Channel / 1.4MHz / QPSK



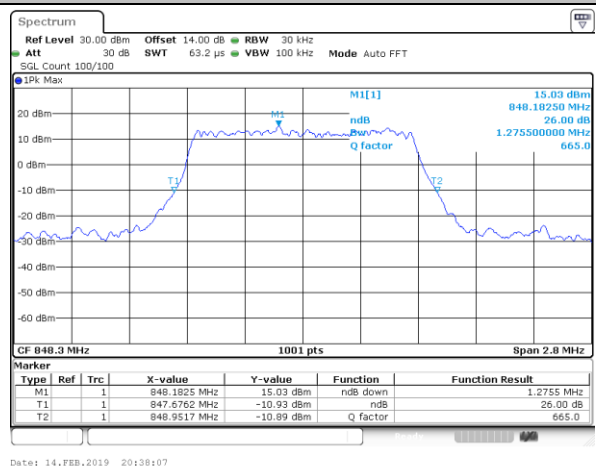
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



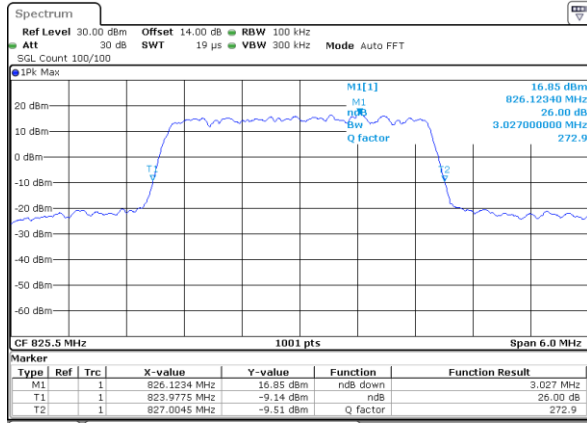
Highest Channel / 1.4MHz / 16QAM



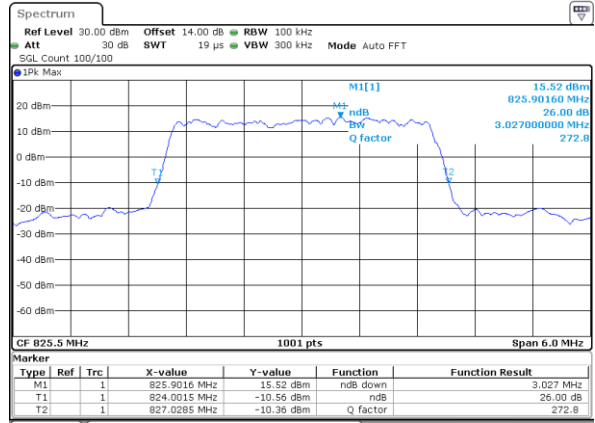


LTE Band 5

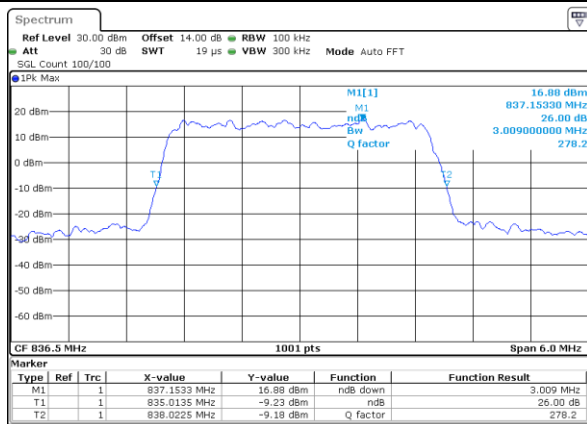
Lowest Channel / 3MHz / QPSK



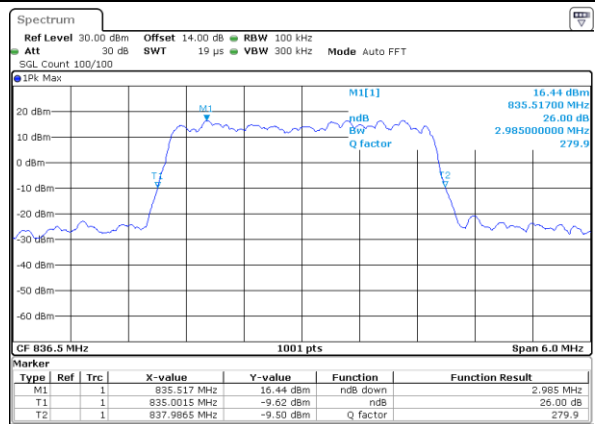
Lowest Channel / 3MHz / 16QAM



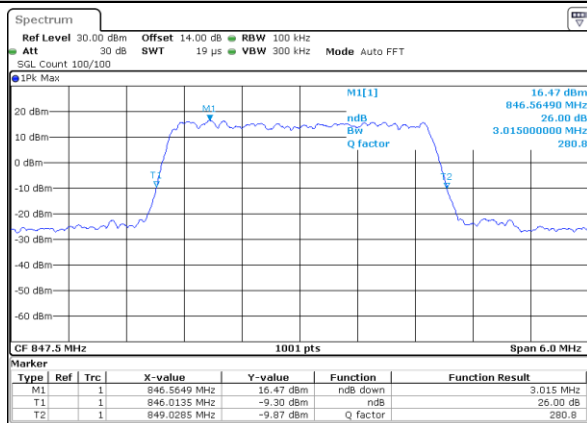
Middle Channel / 3MHz / QPSK



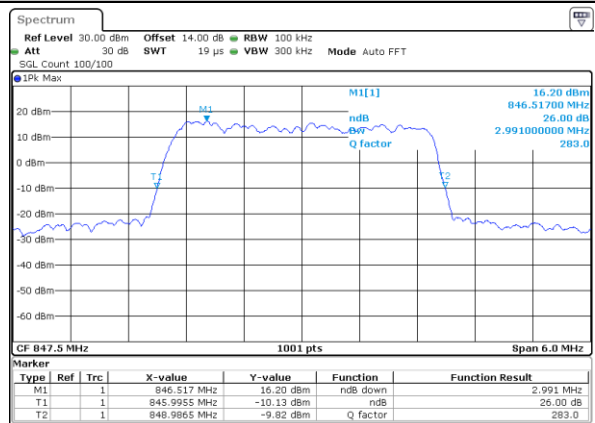
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



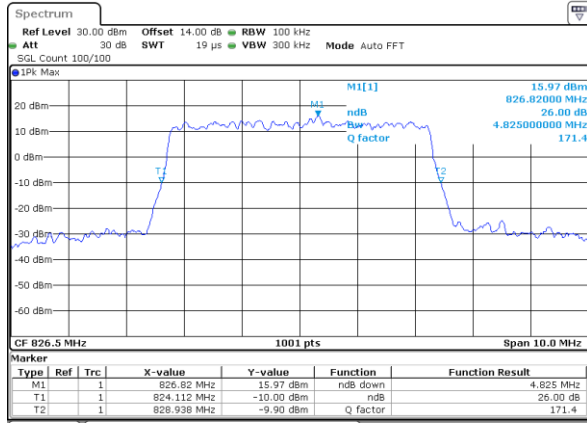
Highest Channel / 3MHz / 16QAM





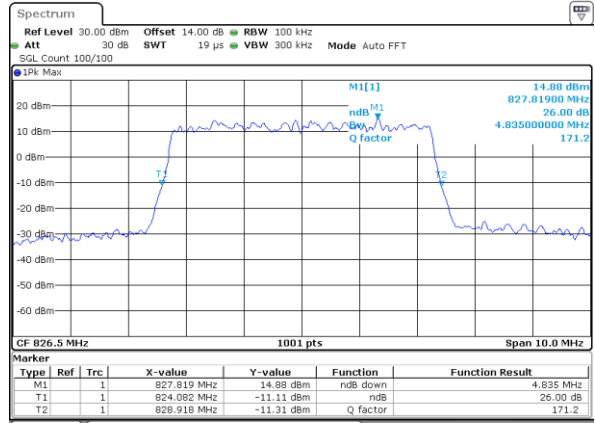
LTE Band 5

Lowest Channel / 5MHz / QPSK



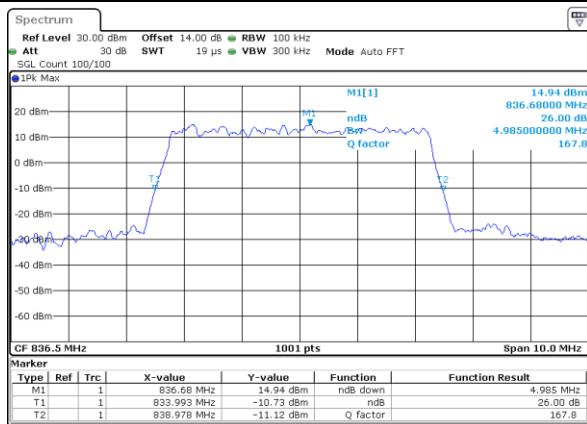
Date: 14.FEB.2019 21:24:52

Lowest Channel / 5MHz / 16QAM



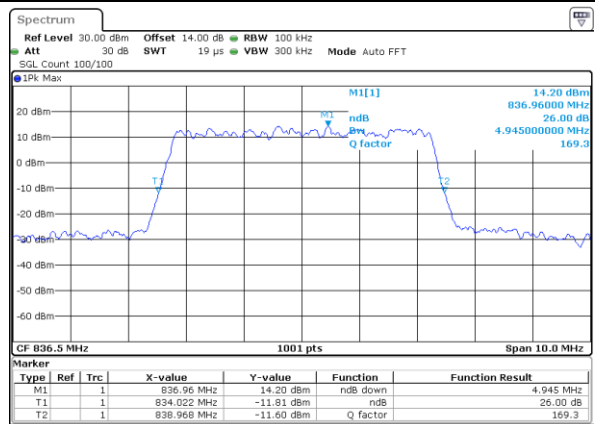
Date: 14.FEB.2019 21:25:02

Middle Channel / 5MHz / QPSK



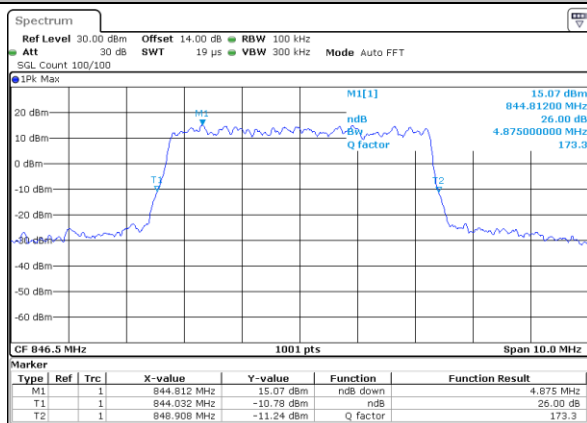
Date: 14.FEB.2019 21:33:58

Middle Channel / 5MHz / 16QAM



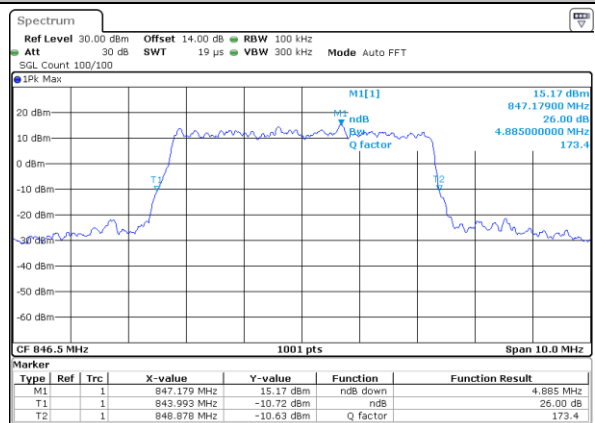
Date: 14.FEB.2019 21:34:08

Highest Channel / 5MHz / QPSK



Date: 14.FEB.2019 21:36:29

Highest Channel / 5MHz / 16QAM

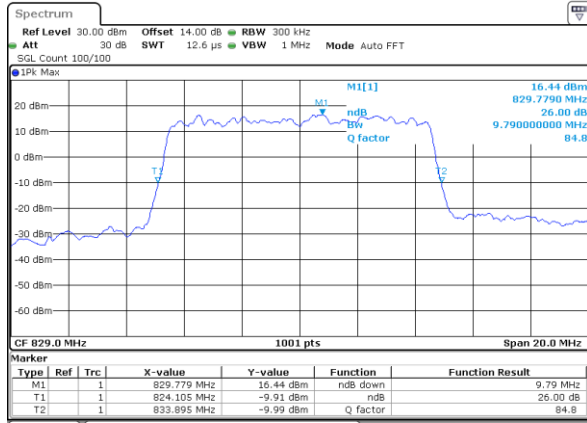


Date: 14.FEB.2019 21:36:39

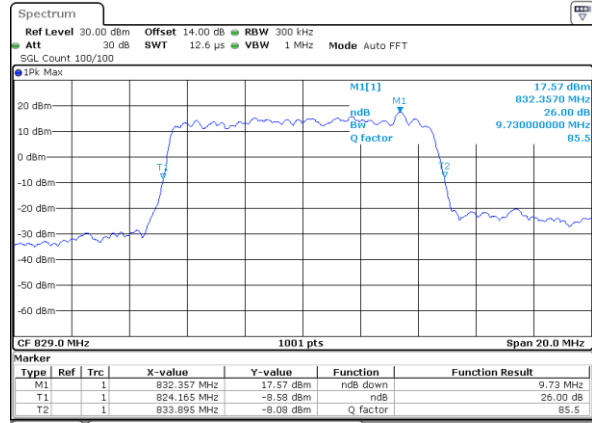


LTE Band 5

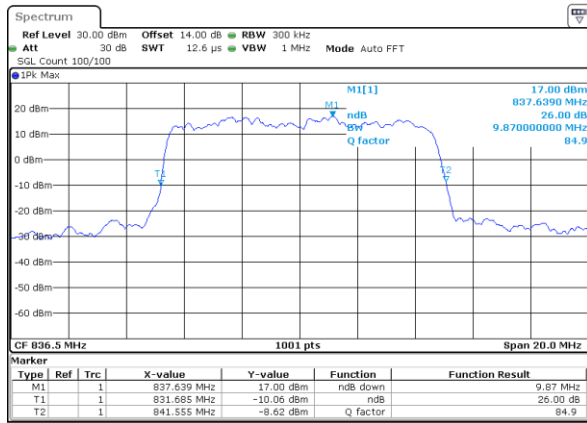
Lowest Channel / 10MHz / QPSK



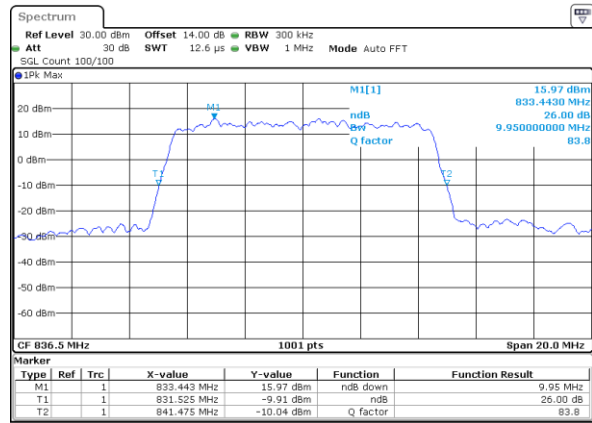
Lowest Channel / 10MHz / 16QAM



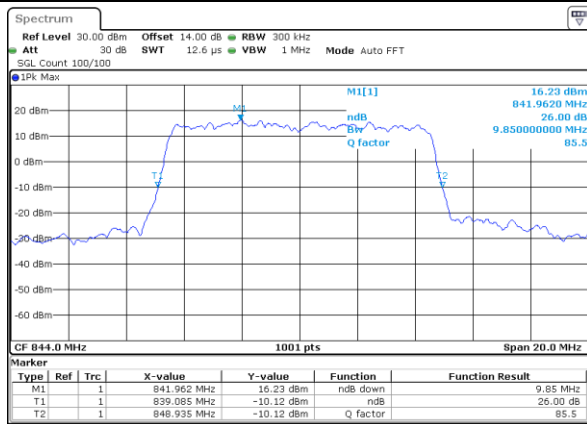
Middle Channel / 10MHz / QPSK



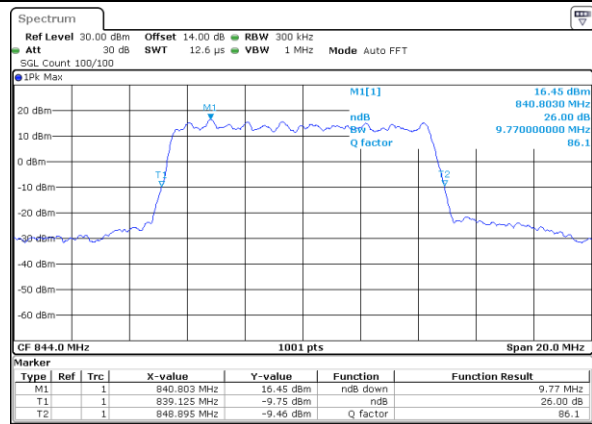
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



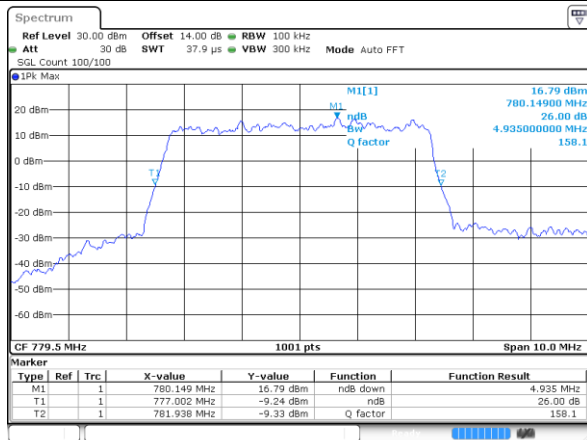
Highest Channel / 10MHz / 16QAM



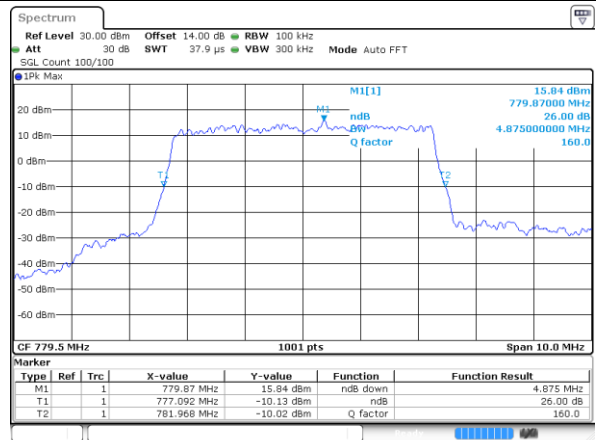


LTE Band 13

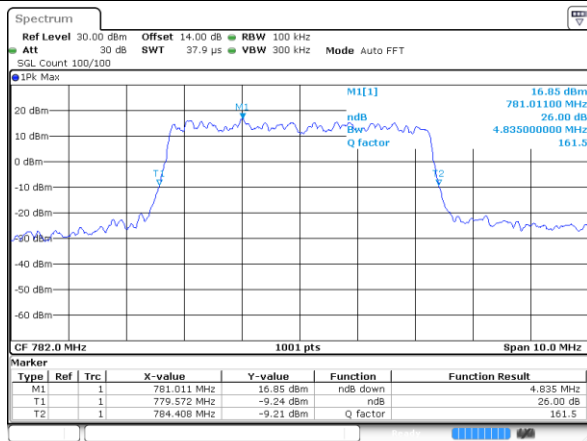
Lowest Channel / 5MHz / QPSK



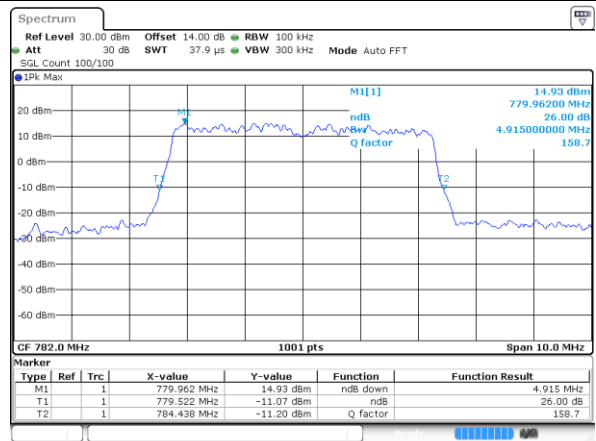
Lowest Channel / 5MHz / 16QAM



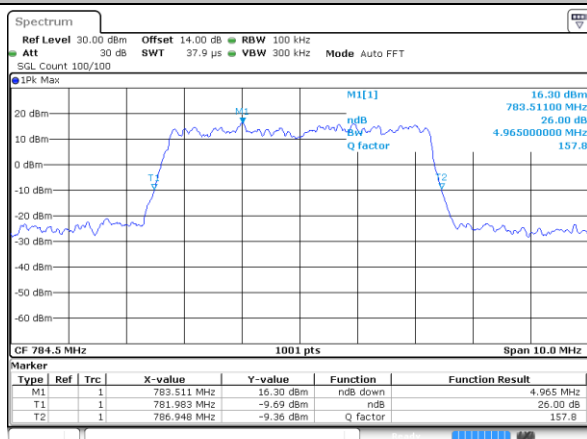
Middle Channel / 5MHz / QPSK



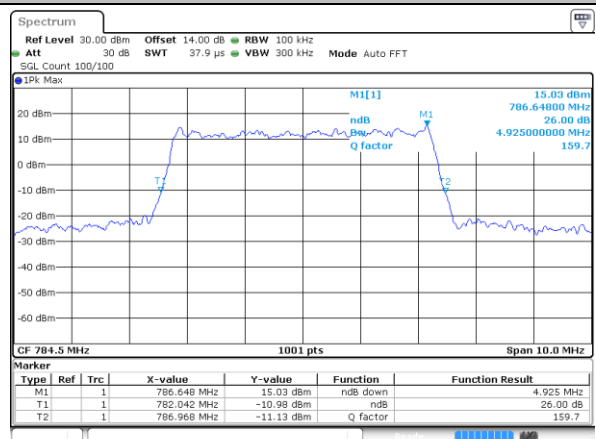
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



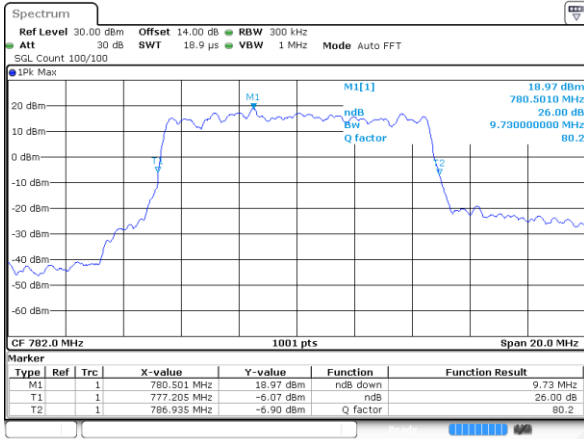
Highest Channel / 5MHz / 16QAM





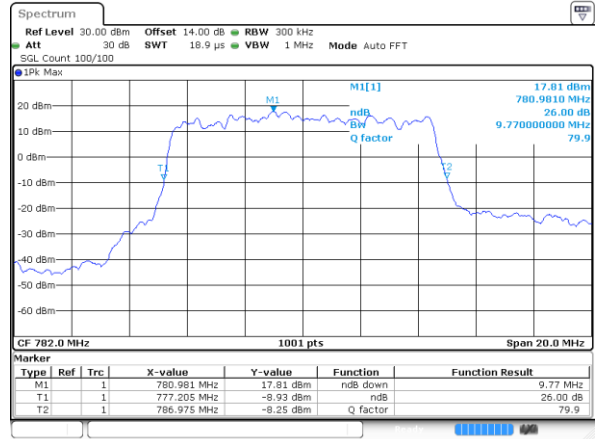
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 13.FEB.2019 00:37:36

Middle Channel / 10MHz / 16QAM



Date: 13.FEB.2019 00:37:46



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	2.7	4.5	4.51	9.01	8.97	13.43	13.4	18.22	18.38
Middle CH	1.1	1.09	2.72	2.72	4.5	4.49	9.07	8.99	13.37	13.37	18.34	18.3
Highest CH	1.09	1.1	2.72	2.7	4.5	4.49	8.91	9.03	13.34	13.4	18.14	18.14

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	1.10	2.71	2.70	4.50	4.50	8.97	8.97	13.4	13.49	18.46	18.3
Middle CH	1.09	1.09	2.71	2.72	4.46	4.50	9.07	8.97	13.4	13.46	18.46	18.3
Highest CH	1.09	1.09	2.70	2.71	4.53	4.48	9.03	9.03	13.43	13.46	18.38	18.26

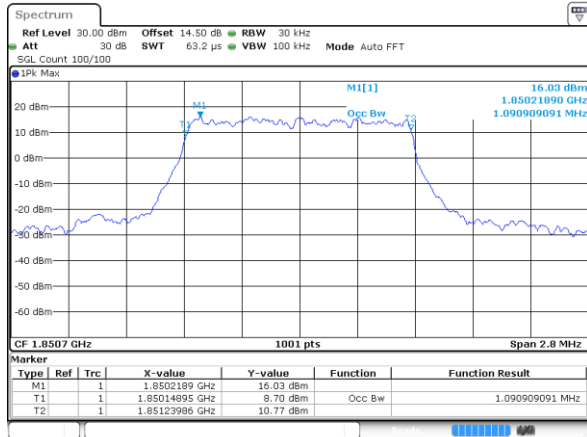
Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.1	1.09	2.7	2.72	4.49	4.5	8.97	8.99	-	-	-	-
Middle CH	1.09	1.1	2.74	2.72	4.48	4.49	9.03	8.99	-	-	-	-
Highest CH	1.1	1.09	2.72	2.73	4.48	4.49	8.99	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	-	-	-	-	4.49	4.48	-	-	-	-	-	-
Middle CH	-	-	-	-	4.5	4.5	8.97	8.95	-	-	-	-
Highest CH	-	-	-	-	4.51	4.49	-	-	-	-	-	-

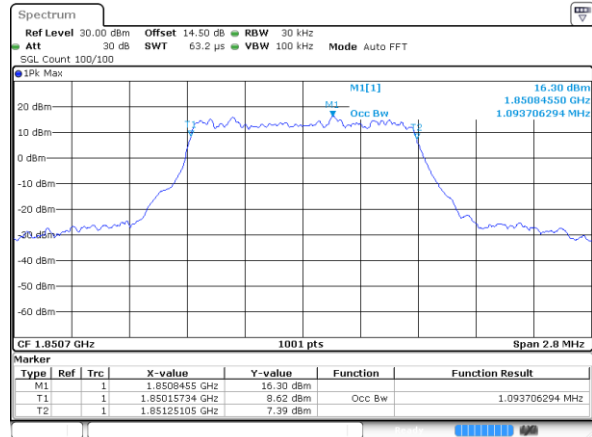


LTE Band 2

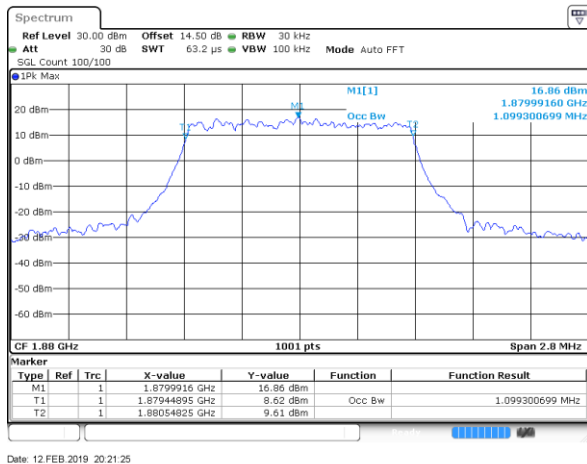
Lowest Channel / 1.4MHz / QPSK



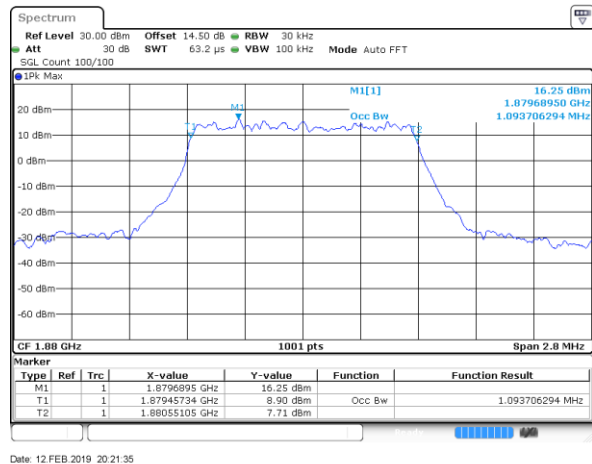
Lowest Channel / 1.4MHz / 16QAM



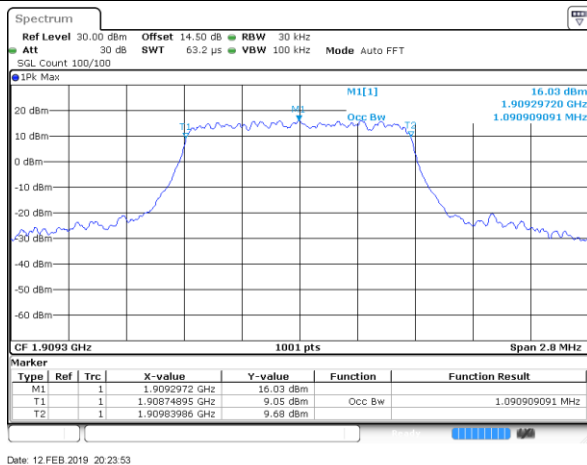
Middle Channel / 1.4MHz / QPSK



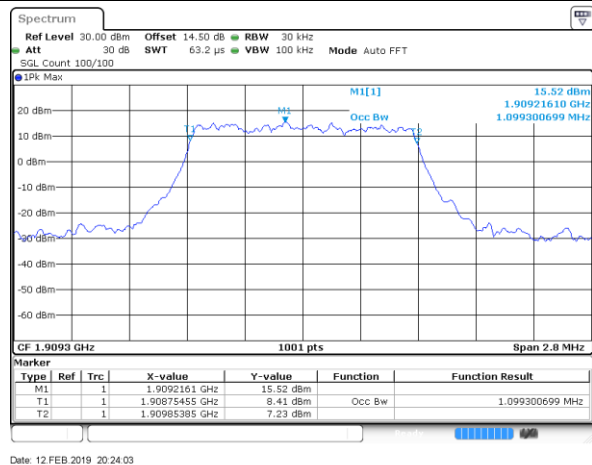
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



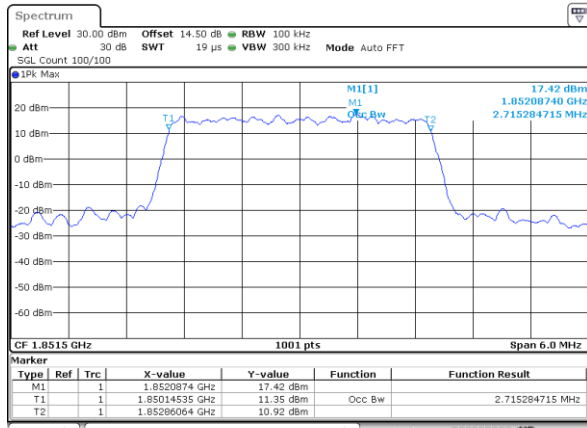
Highest Channel / 1.4MHz / 16QAM





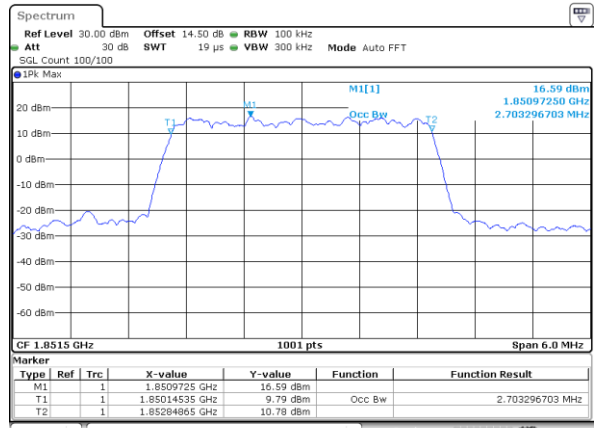
LTE Band 2

Lowest Channel / 3MHz / QPSK



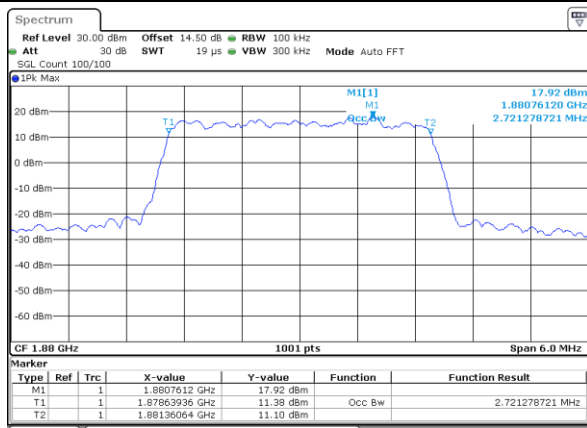
Date: 26.FEB.2019 10:51:42

Lowest Channel / 3MHz / 16QAM



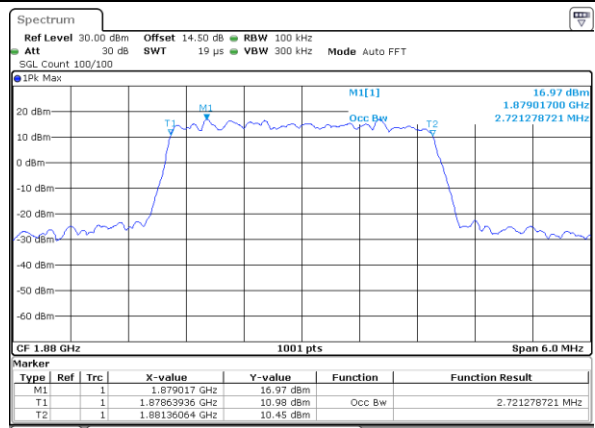
Date: 26.FEB.2019 10:51:53

Middle Channel / 3MHz / QPSK



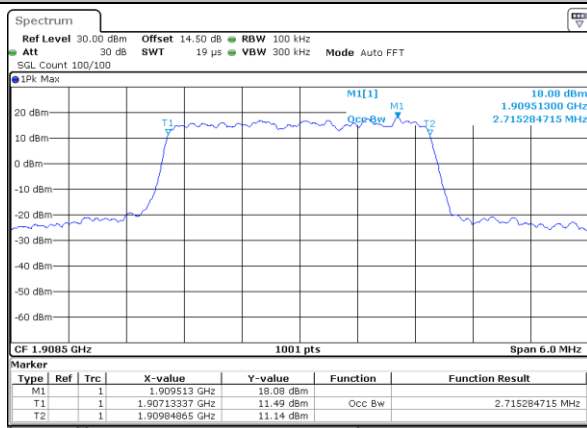
Date: 26.FEB.2019 10:58:06

Middle Channel / 3MHz / 16QAM



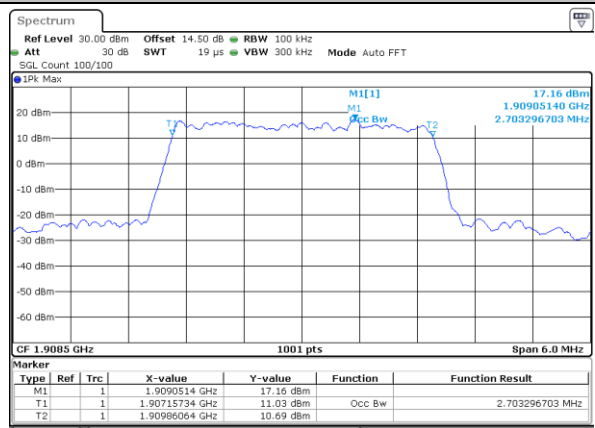
Date: 26.FEB.2019 10:59:06

Highest Channel / 3MHz / QPSK



Date: 26.FEB.2019 11:01:30

Highest Channel / 3MHz / 16QAM

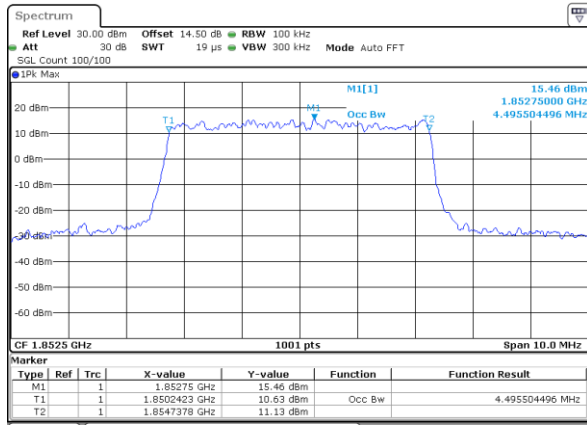


Date: 26.FEB.2019 11:01:40



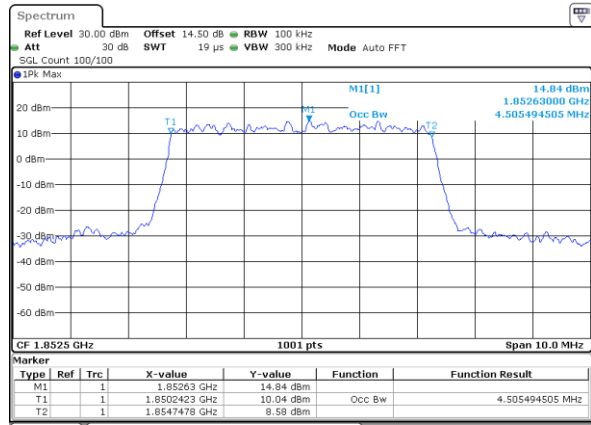
LTE Band 2

Lowest Channel / 5MHz / QPSK



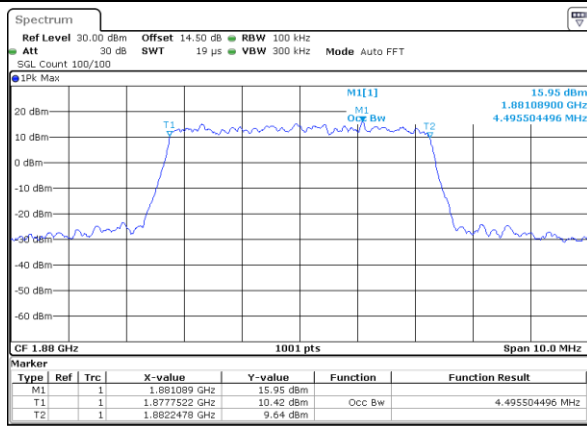
Date: 26.FEB.2019 11:12:37

Lowest Channel / 5MHz / 16QAM



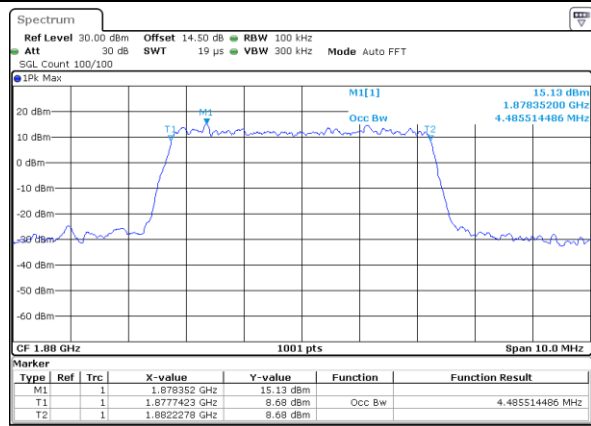
Date: 26.FEB.2019 11:12:48

Middle Channel / 5MHz / QPSK



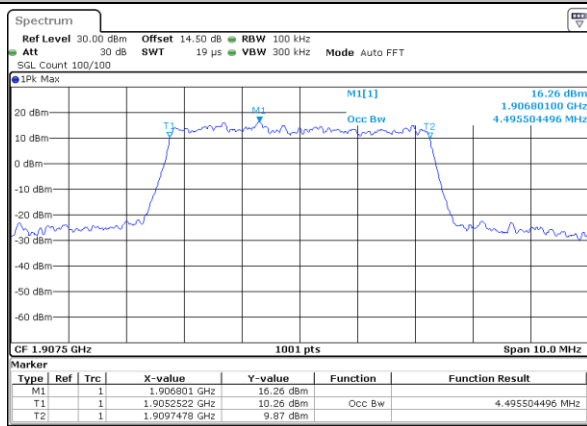
Date: 26.FEB.2019 11:19:51

Middle Channel / 5MHz / 16QAM



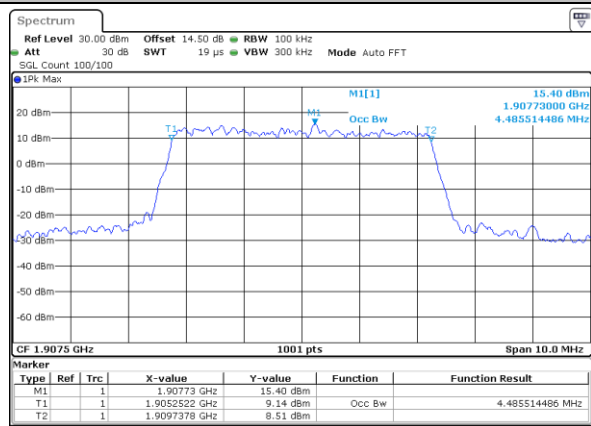
Date: 26.FEB.2019 11:20:01

Highest Channel / 5MHz / QPSK



Date: 26.FEB.2019 11:22:26

Highest Channel / 5MHz / 16QAM

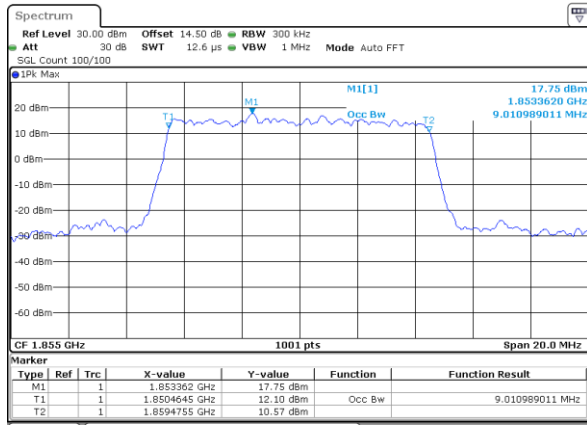


Date: 26.FEB.2019 11:22:36



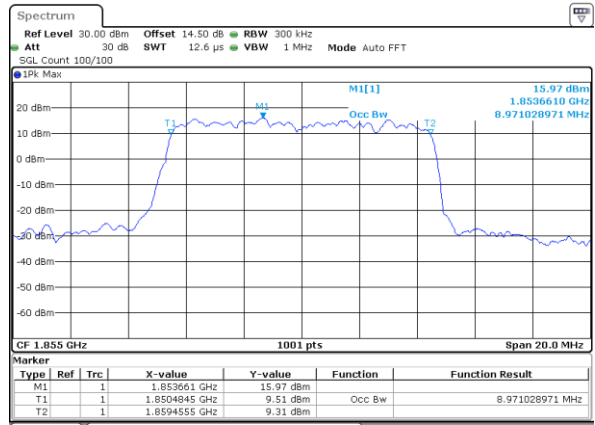
LTE Band 2

Lowest Channel / 10MHz / QPSK



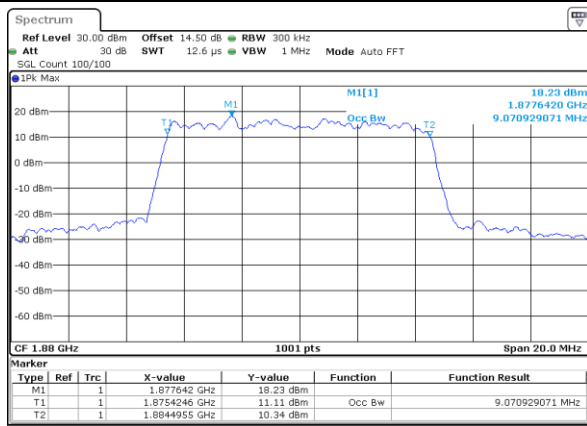
Date: 26.FEB.2019 11:30:27

Lowest Channel / 10MHz / 16QAM



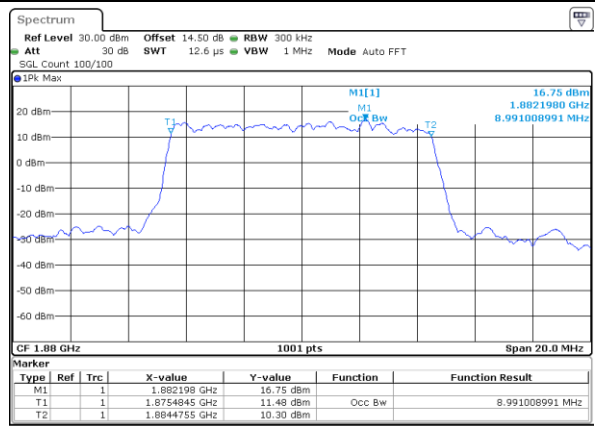
Date: 26.FEB.2019 11:30:38

Middle Channel / 10MHz / QPSK



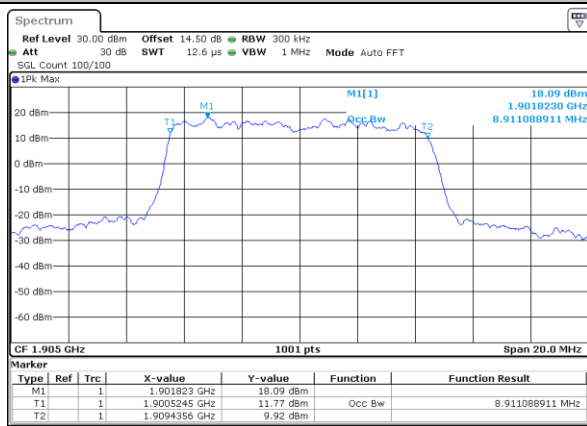
Date: 26.FEB.2019 11:37:40

Middle Channel / 10MHz / 16QAM



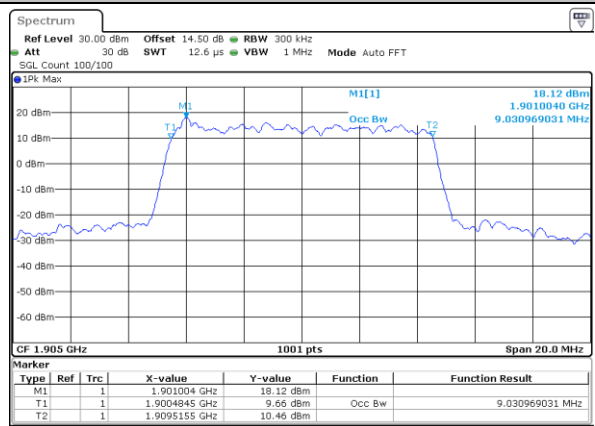
Date: 26.FEB.2019 11:37:51

Highest Channel / 10MHz / QPSK



Date: 26.FEB.2019 11:40:15

Highest Channel / 10MHz / 16QAM

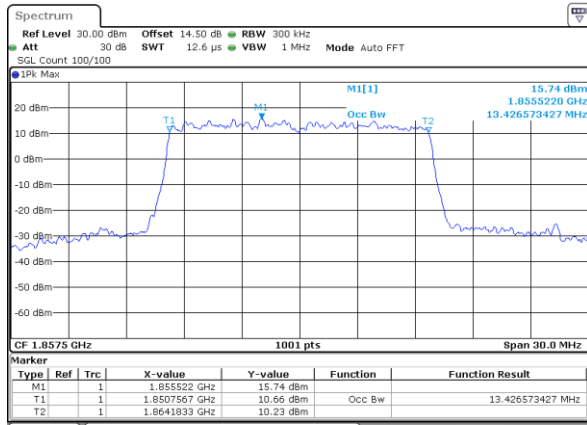


Date: 26.FEB.2019 11:40:25



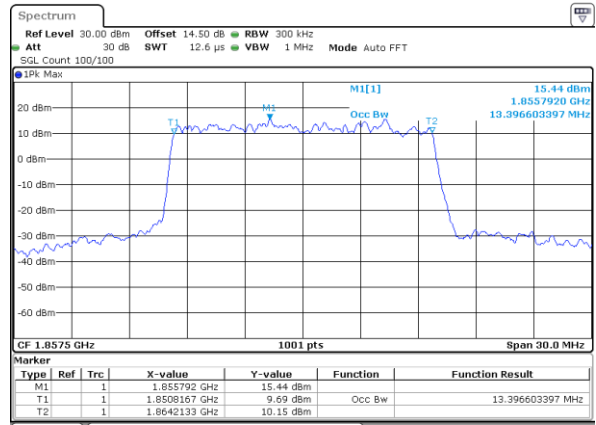
LTE Band 2

Lowest Channel / 15MHz / QPSK



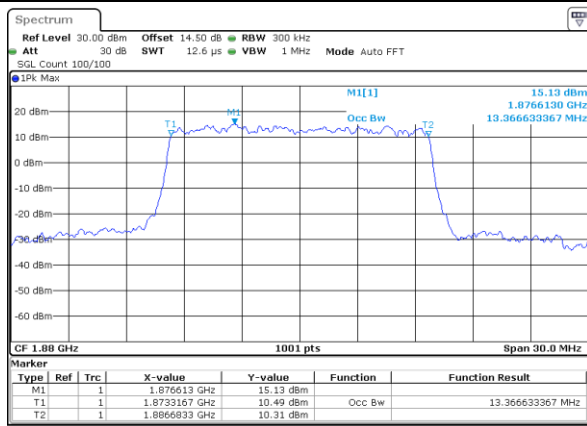
Date: 26.FEB.2019 11:55:40

Lowest Channel / 15MHz / 16QAM



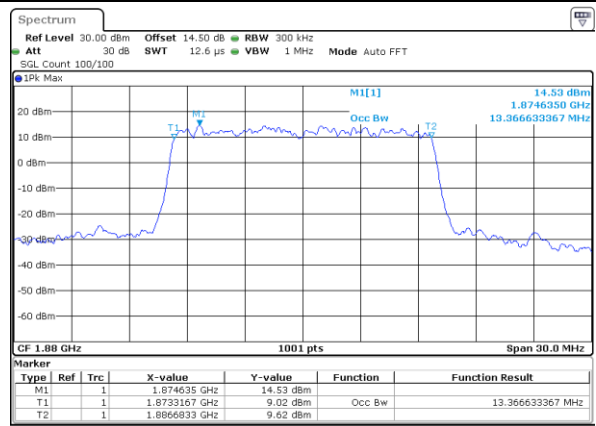
Date: 26.FEB.2019 11:55:51

Middle Channel / 15MHz / QPSK



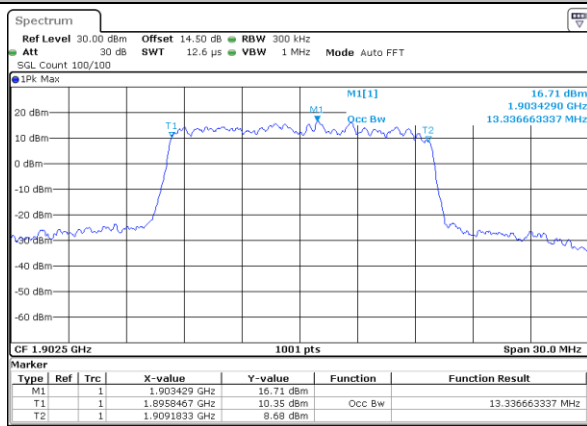
Date: 26.FEB.2019 12:02:53

Middle Channel / 15MHz / 16QAM



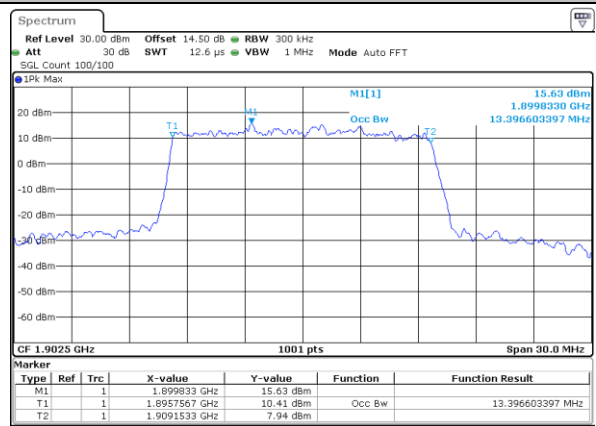
Date: 26.FEB.2019 12:03:04

Highest Channel / 15MHz / QPSK



Date: 26.FEB.2019 12:05:27

Highest Channel / 15MHz / 16QAM

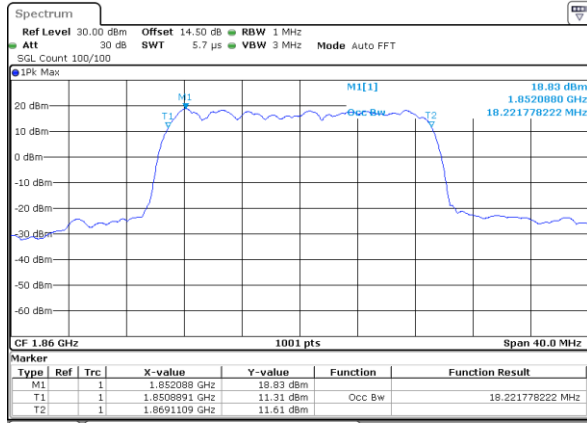


Date: 26.FEB.2019 12:05:38

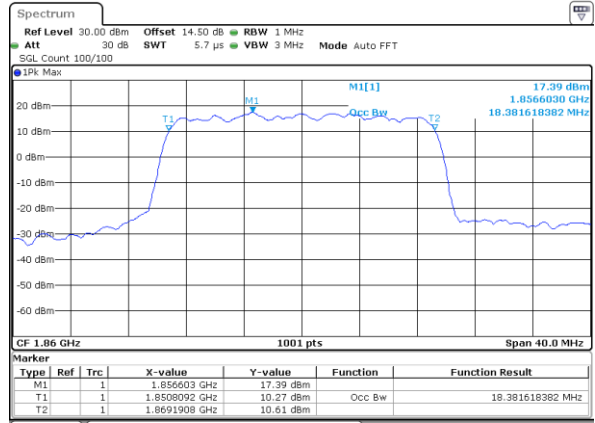


LTE Band 2

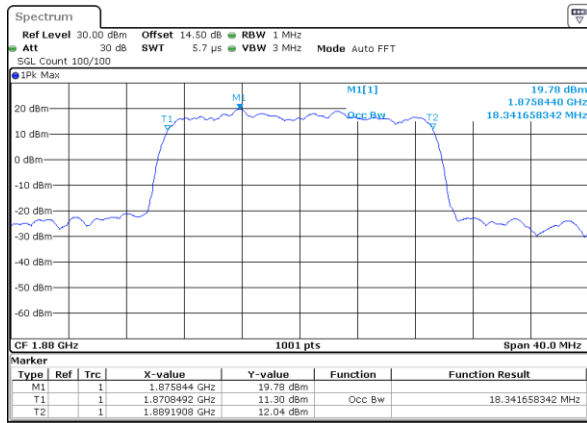
Lowest Channel / 20MHz / QPSK



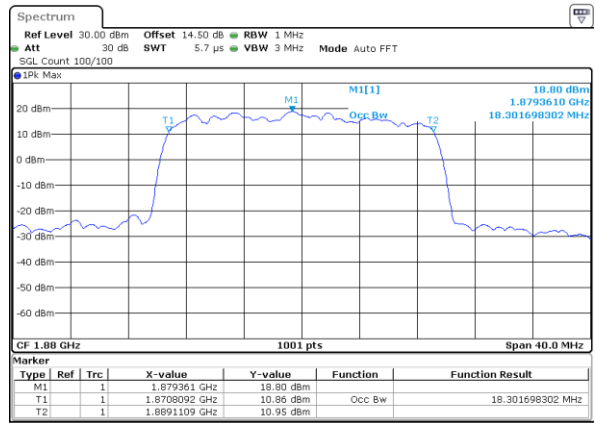
Lowest Channel / 20MHz / 16QAM



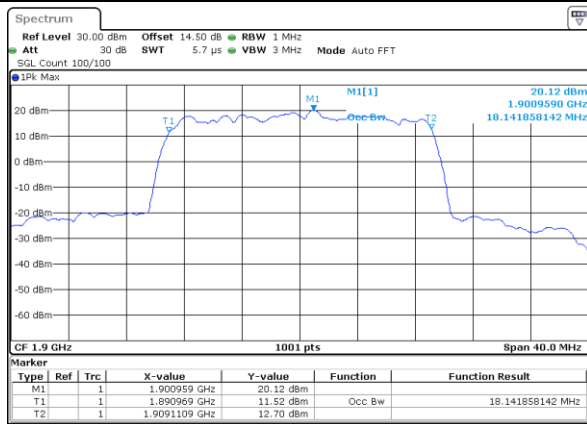
Middle Channel / 20MHz / QPSK



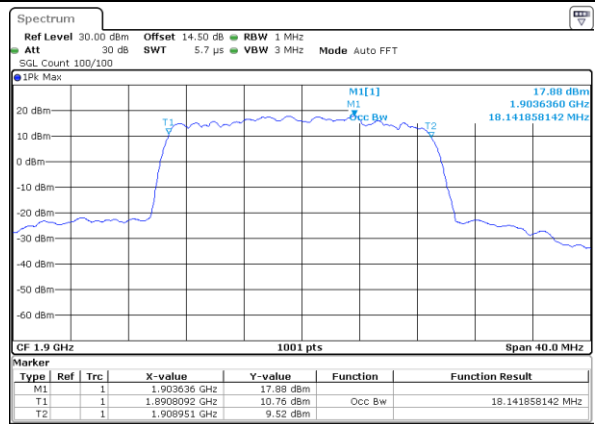
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



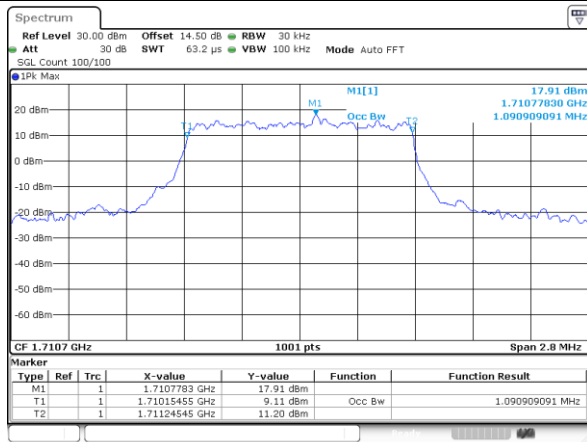
Highest Channel / 20MHz / 16QAM



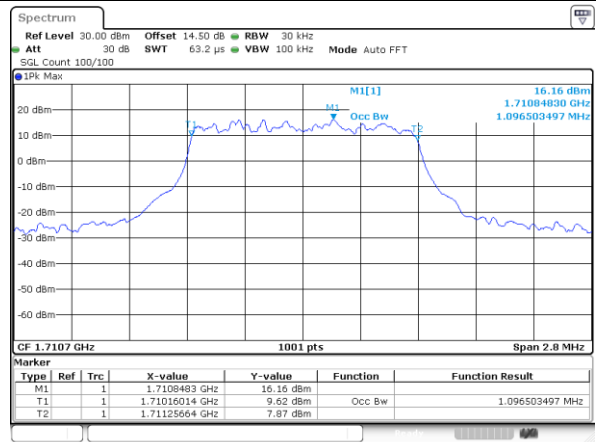


LTE Band 4

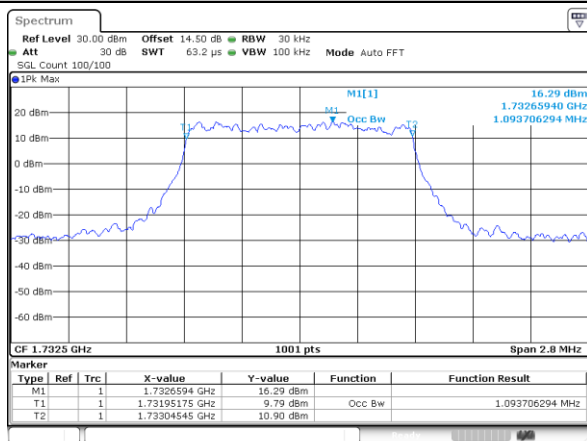
Lowest Channel / 1.4MHz / QPSK



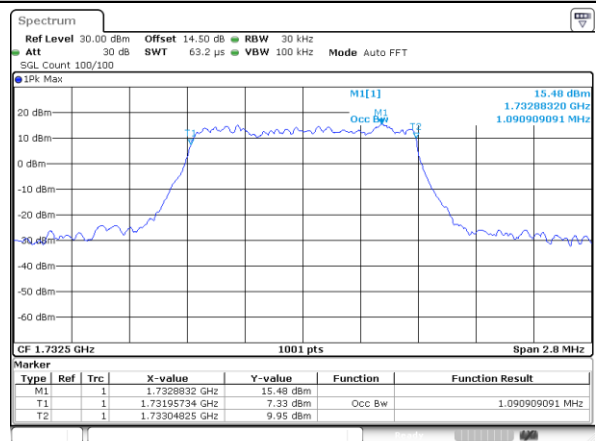
Lowest Channel / 1.4MHz / 16QAM



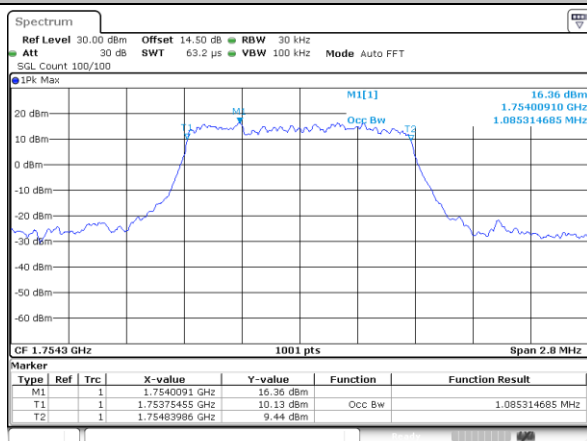
Middle Channel / 1.4MHz / QPSK



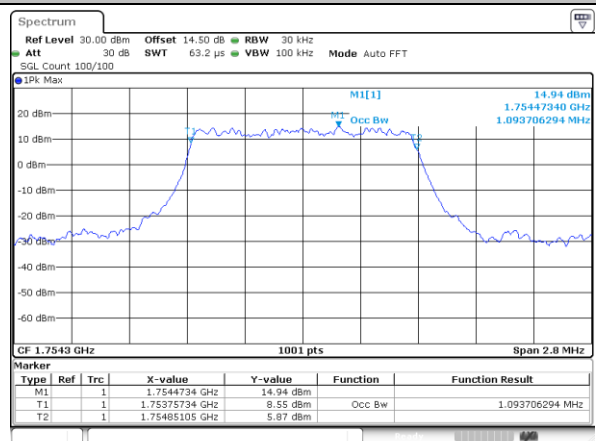
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



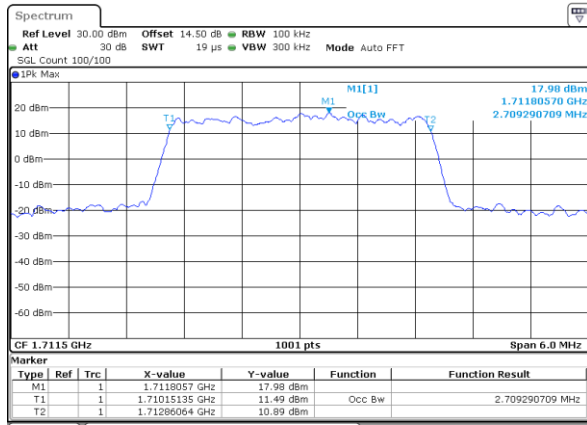
Highest Channel / 1.4MHz / 16QAM





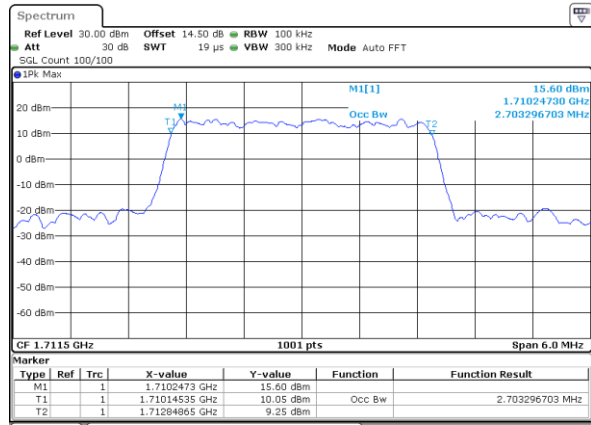
LTE Band 4

Lowest Channel / 3MHz / QPSK



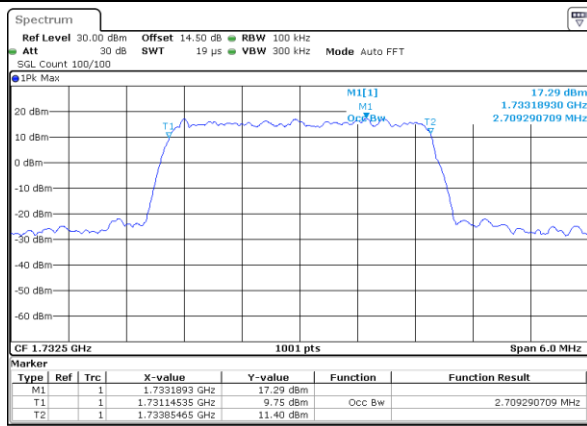
Date: 25.FEB.2019 17:40:37

Lowest Channel / 3MHz / 16QAM



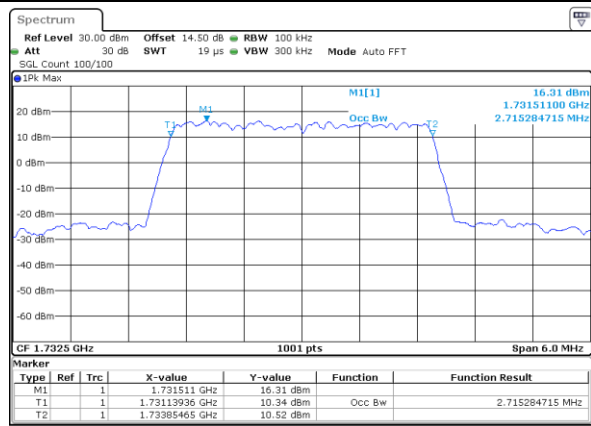
Date: 25.FEB.2019 17:40:48

Middle Channel / 3MHz / QPSK



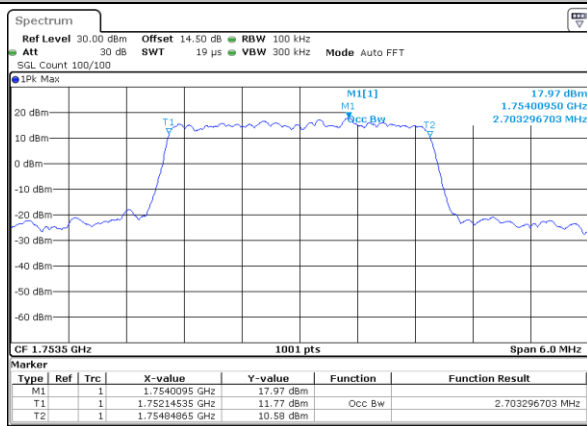
Date: 25.FEB.2019 17:47:48

Middle Channel / 3MHz / 16QAM



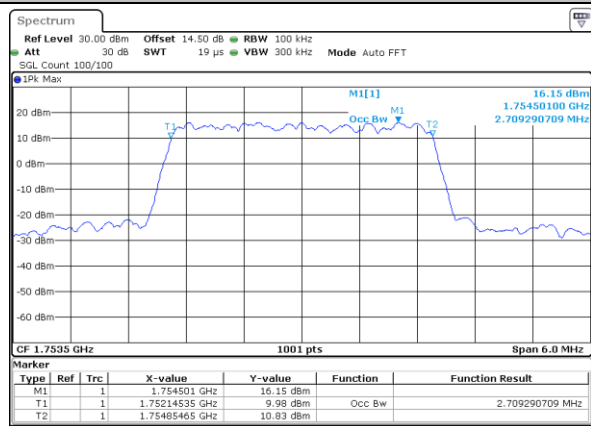
Date: 25.FEB.2019 17:47:59

Highest Channel / 3MHz / QPSK



Date: 25.FEB.2019 17:50:21

Highest Channel / 3MHz / 16QAM

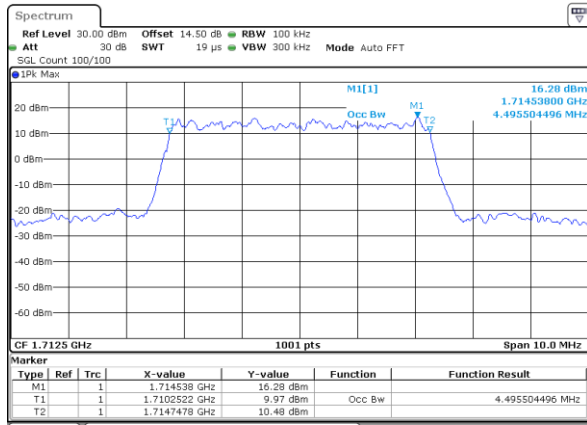


Date: 25.FEB.2019 17:50:31



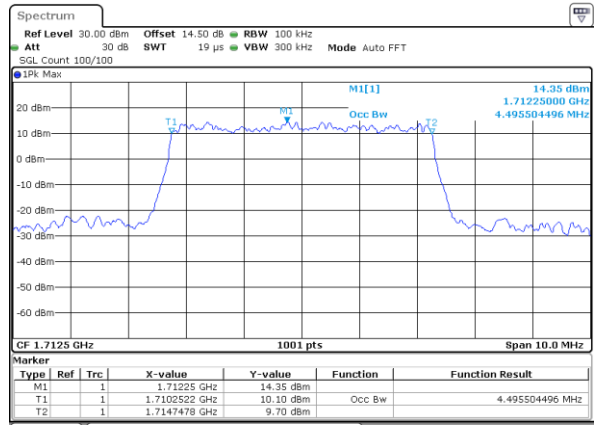
LTE Band 4

Lowest Channel / 5MHz / QPSK



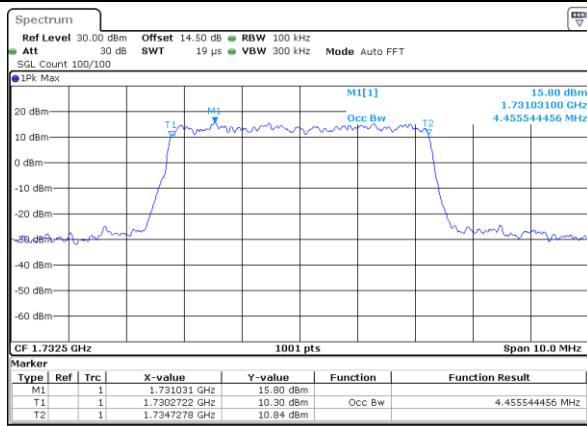
Date: 25.FEB.2019 17:57:32

Lowest Channel / 5MHz / 16QAM



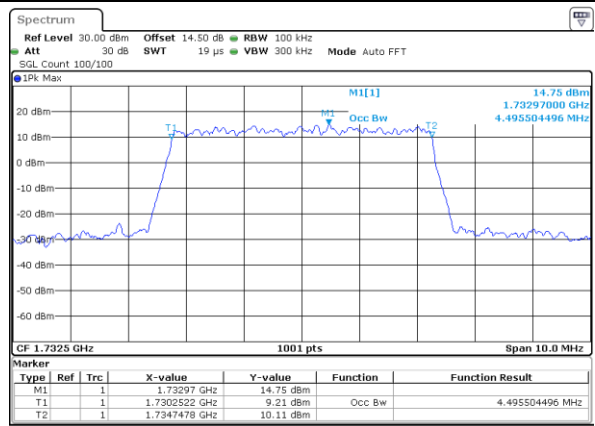
Date: 25.FEB.2019 17:57:42

Middle Channel / 5MHz / QPSK



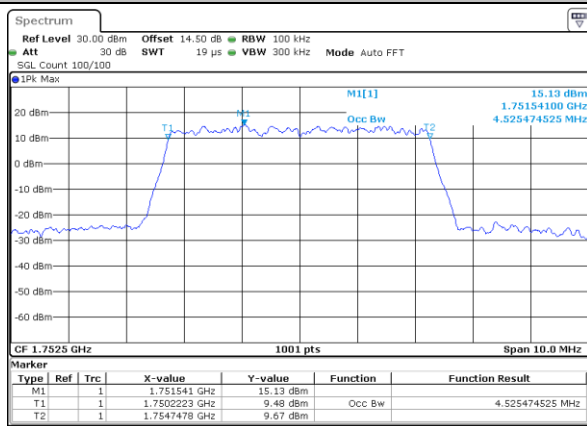
Date: 25.FEB.2019 18:04:42

Middle Channel / 5MHz / 16QAM



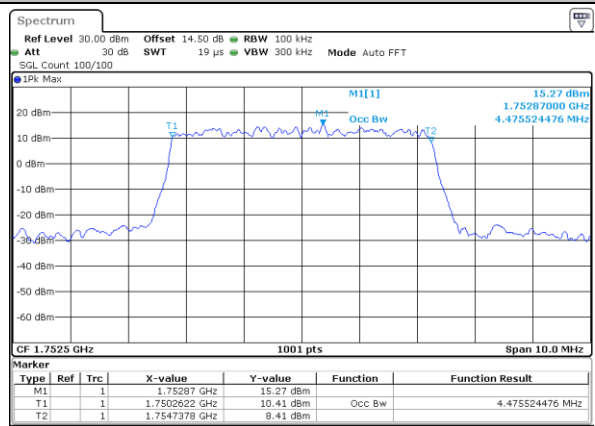
Date: 25.FEB.2019 18:04:52

Highest Channel / 5MHz / QPSK



Date: 25.FEB.2019 18:07:14

Highest Channel / 5MHz / 16QAM

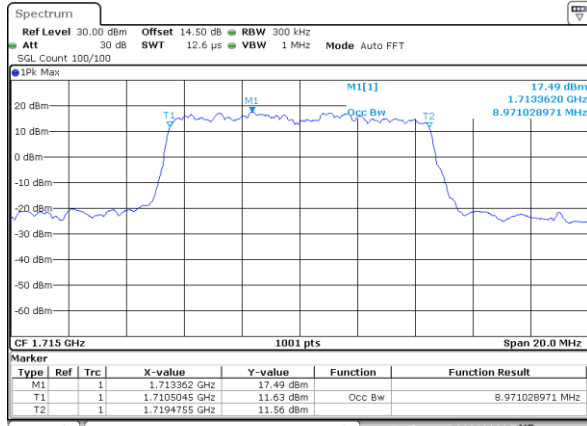


Date: 25.FEB.2019 18:07:24



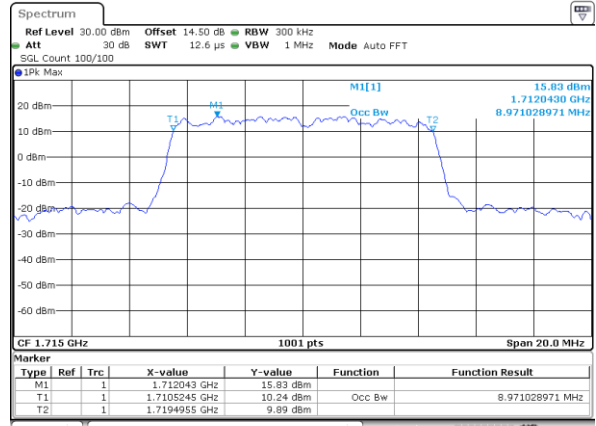
LTE Band 4

Lowest Channel / 10MHz / QPSK



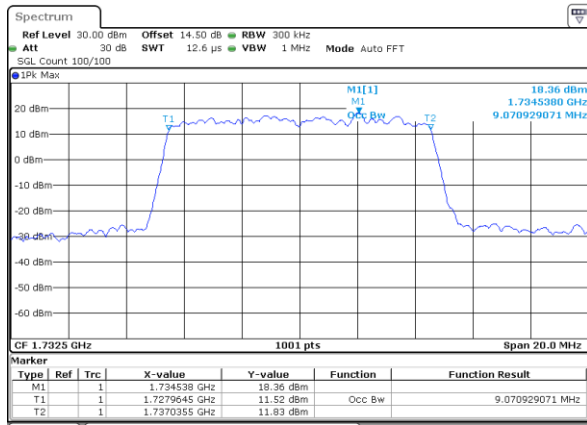
Date: 26.FEB.2019 09:58:23

Lowest Channel / 10MHz / 16QAM



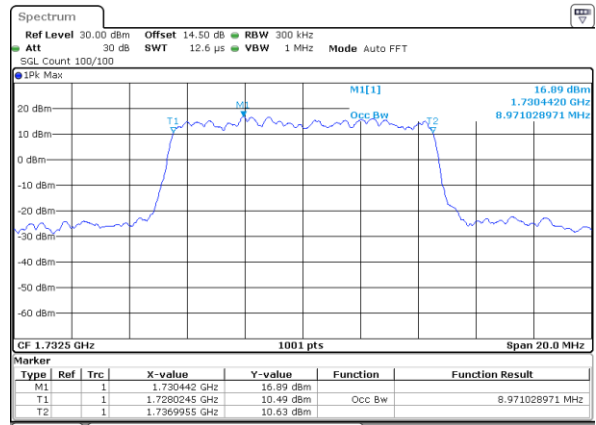
Date: 26.FEB.2019 09:15:37

Middle Channel / 10MHz / QPSK



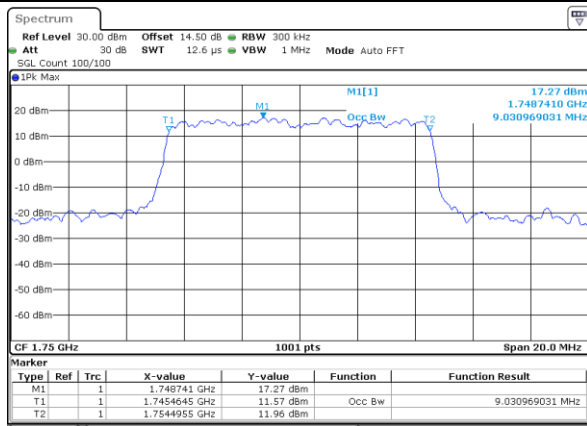
Date: 26.FEB.2019 10:38:53

Middle Channel / 10MHz / 16QAM



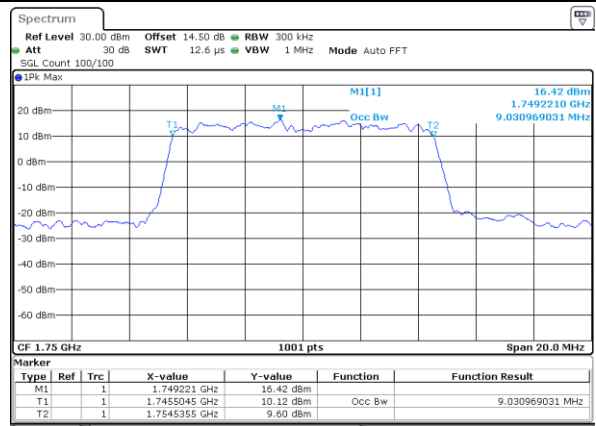
Date: 26.FEB.2019 09:24:54

Highest Channel / 10MHz / QPSK



Date: 26.FEB.2019 09:27:17

Highest Channel / 10MHz / 16QAM

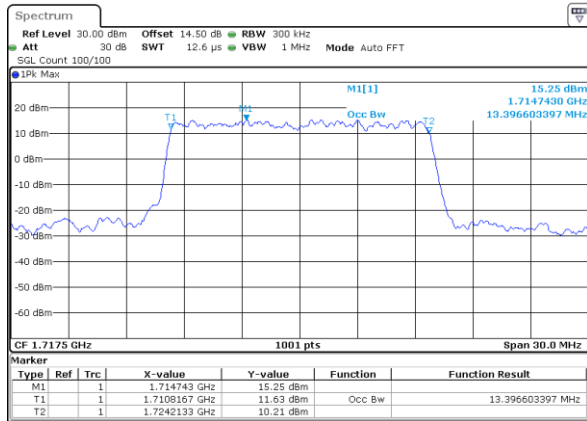


Date: 26.FEB.2019 09:27:27



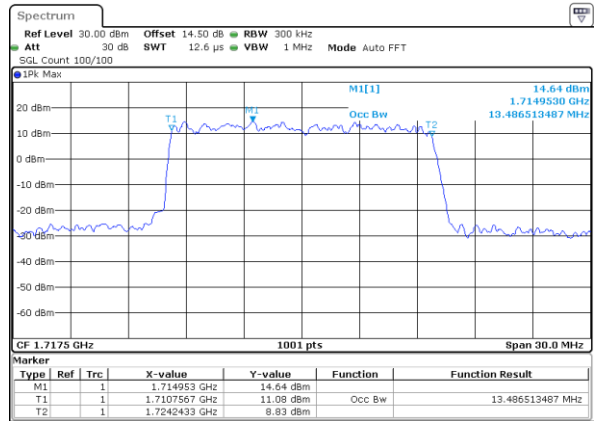
LTE Band 4

Lowest Channel / 15MHz / QPSK



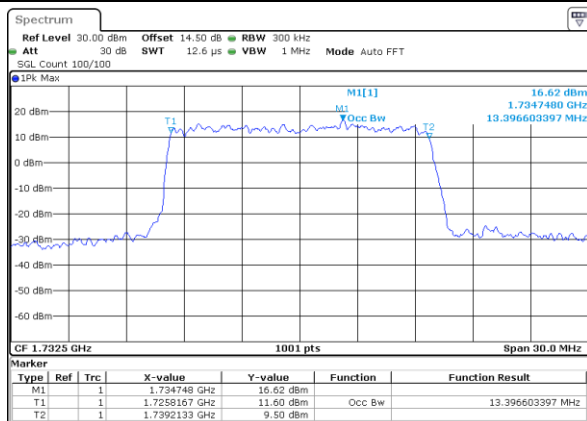
Date: 26.FEB.2019 10:04:03

Lowest Channel / 15MHz / 16QAM



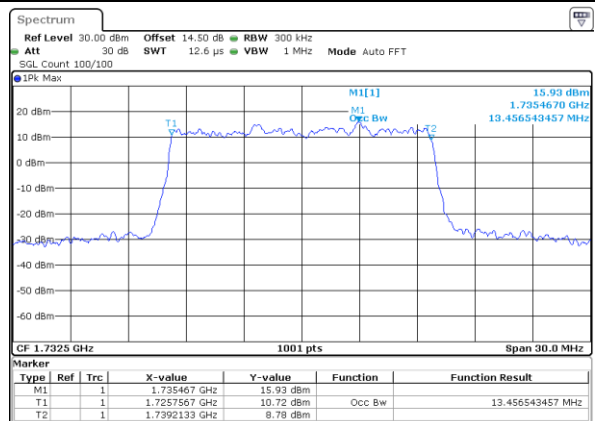
Date: 26.FEB.2019 10:04:13

Middle Channel / 15MHz / QPSK



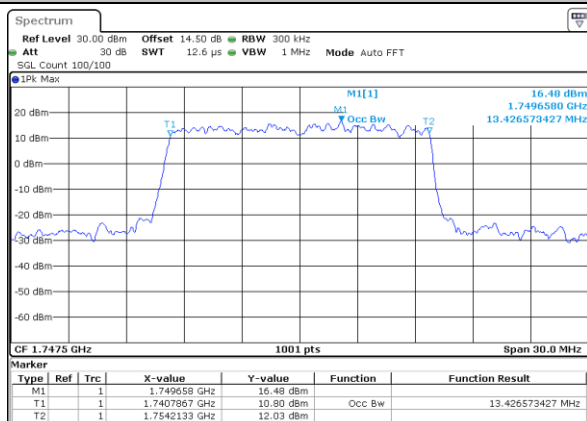
Date: 26.FEB.2019 10:11:16

Middle Channel / 15MHz / 16QAM



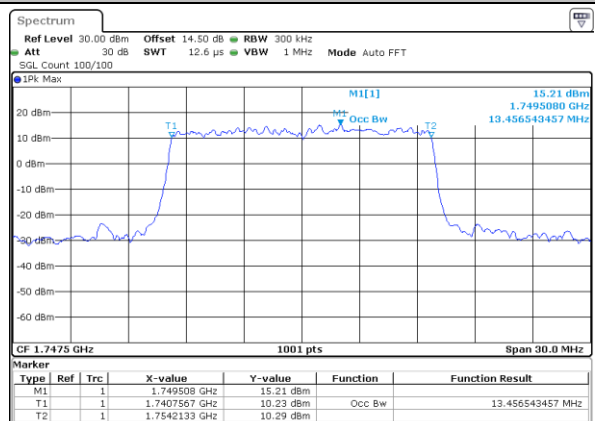
Date: 26.FEB.2019 10:11:26

Highest Channel / 15MHz / QPSK



Date: 26.FEB.2019 10:13:50

Highest Channel / 15MHz / 16QAM

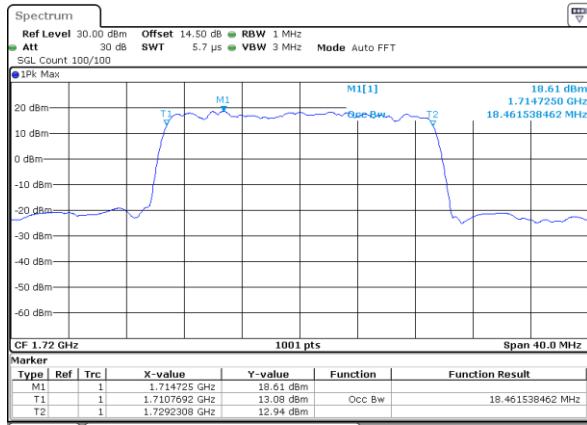


Date: 26.FEB.2019 10:14:00



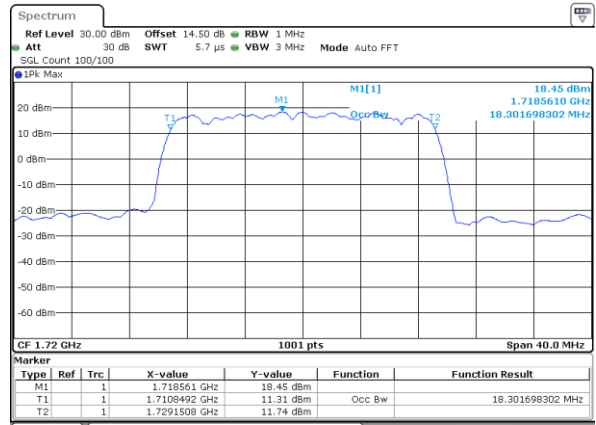
LTE Band 4

Lowest Channel / 20MHz / QPSK



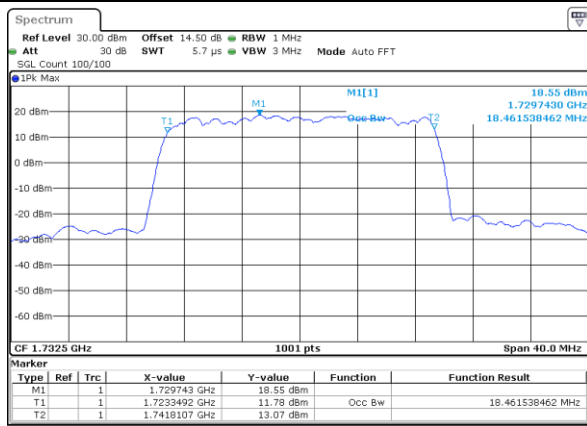
Date: 26.FEB.2019 10:33:02

Lowest Channel / 20MHz / 16QAM



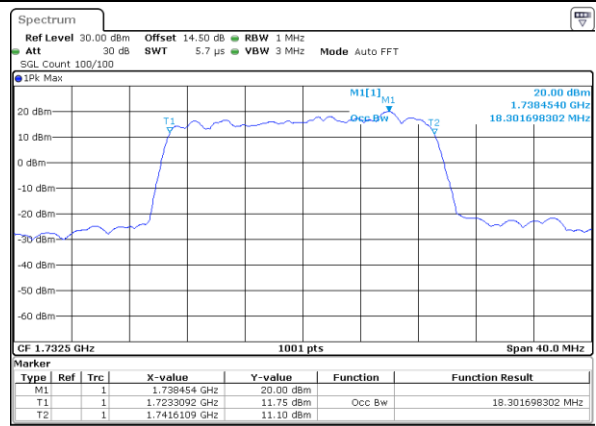
Date: 26.FEB.2019 10:33:13

Middle Channel / 20MHz / QPSK



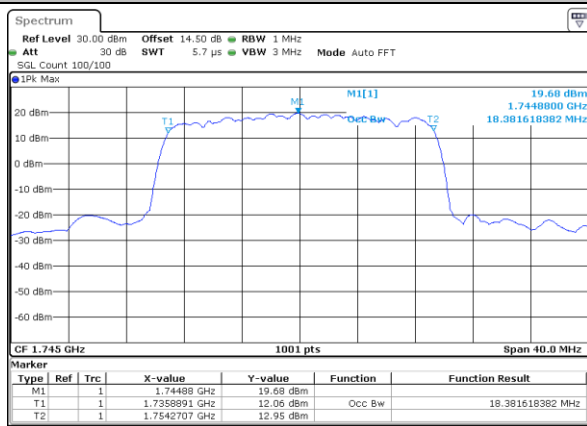
Date: 26.FEB.2019 10:40:15

Middle Channel / 20MHz / 16QAM



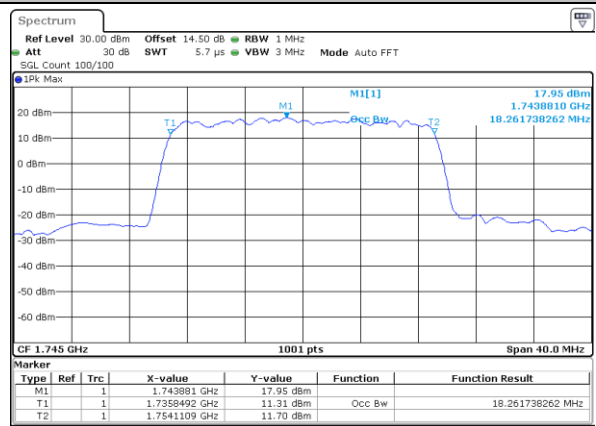
Date: 26.FEB.2019 10:40:25

Highest Channel / 20MHz / QPSK



Date: 26.FEB.2019 10:42:48

Highest Channel / 20MHz / 16QAM

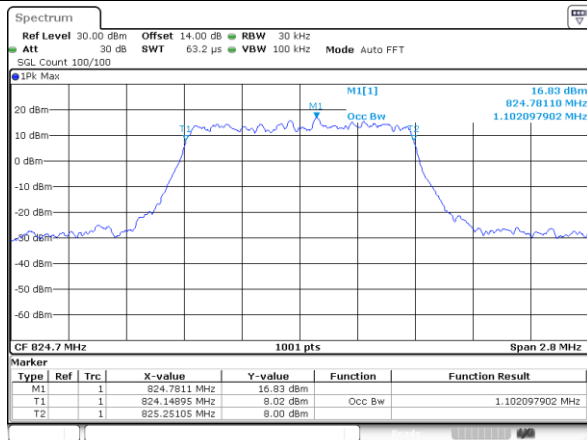


Date: 26.FEB.2019 10:42:59

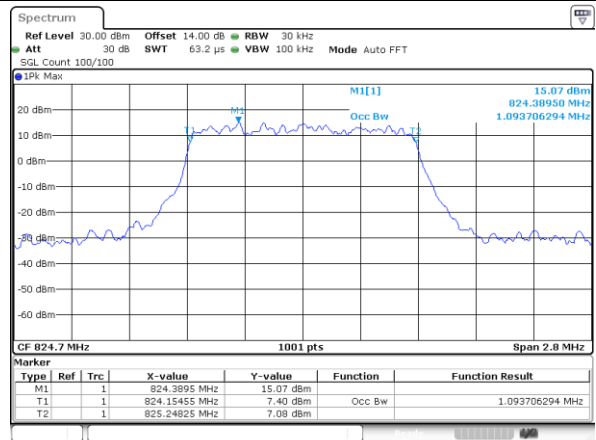


LTE Band 5

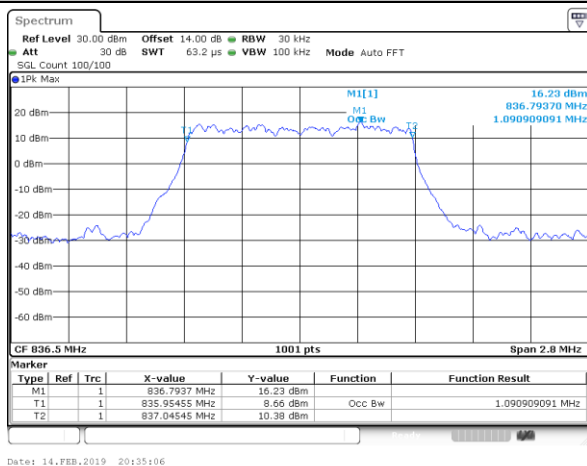
Lowest Channel / 1.4MHz / QPSK



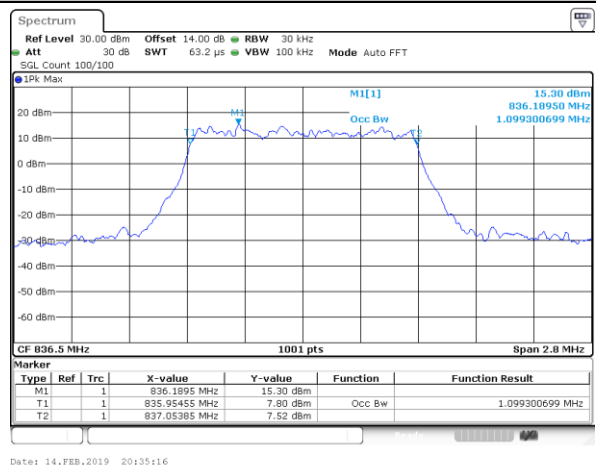
Lowest Channel / 1.4MHz / 16QAM



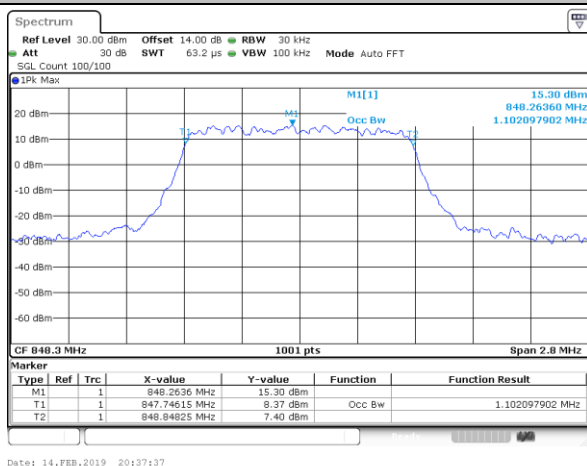
Middle Channel / 1.4MHz / QPSK



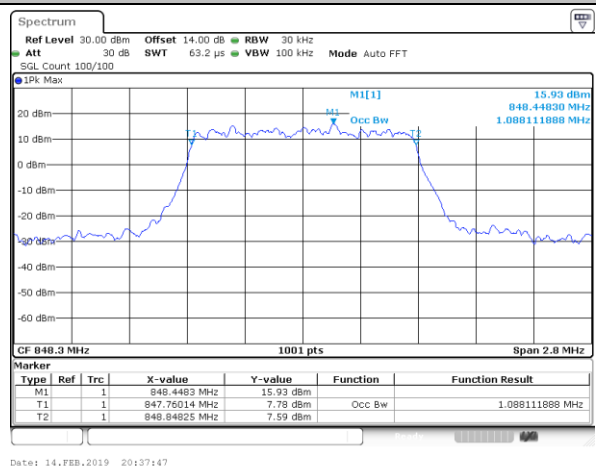
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



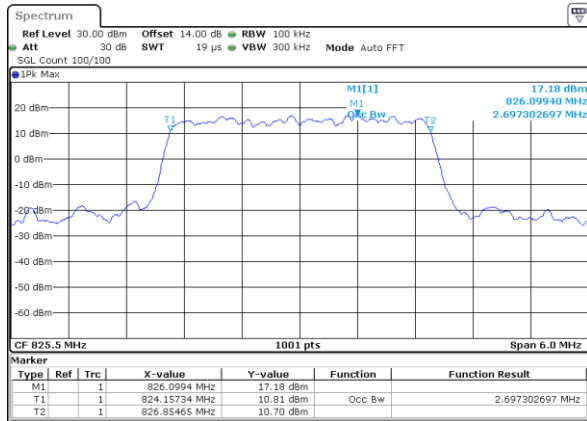
Highest Channel / 1.4MHz / 16QAM





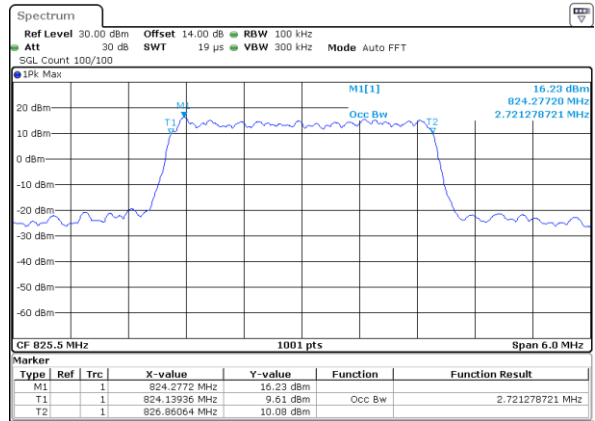
LTE Band 5

Lowest Channel / 3MHz / QPSK



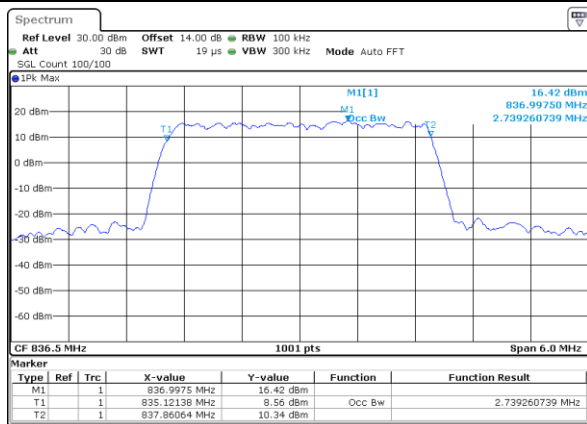
Date: 14.FEB.2019 20:46:44

Lowest Channel / 3MHz / 16QAM



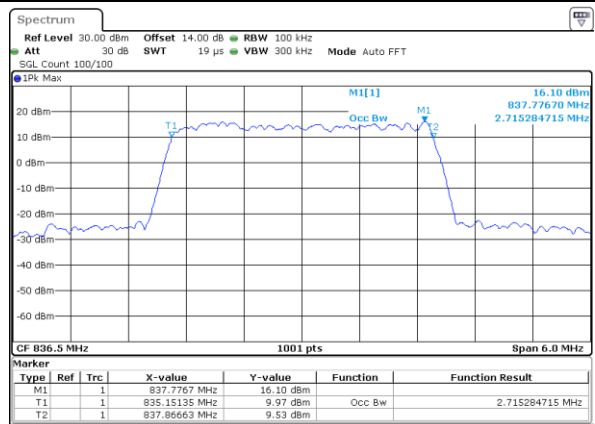
Date: 14.FEB.2019 20:46:54

Middle Channel / 3MHz / QPSK



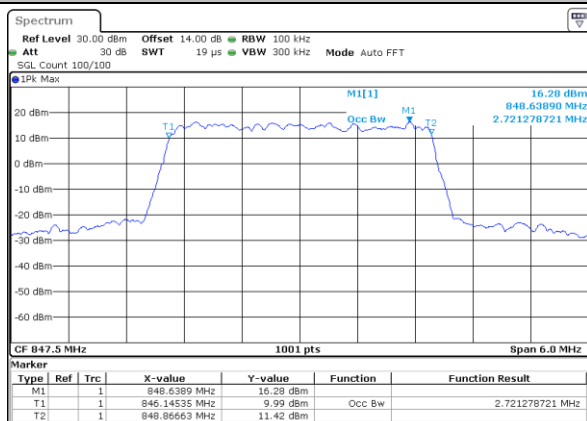
Date: 14.FEB.2019 21:12:54

Middle Channel / 3MHz / 16QAM



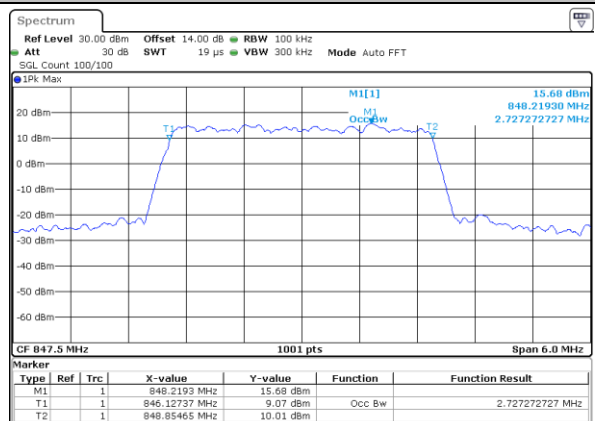
Date: 14.FEB.2019 21:13:04

Highest Channel / 3MHz / QPSK



Date: 14.FEB.2019 21:15:25

Highest Channel / 3MHz / 16QAM

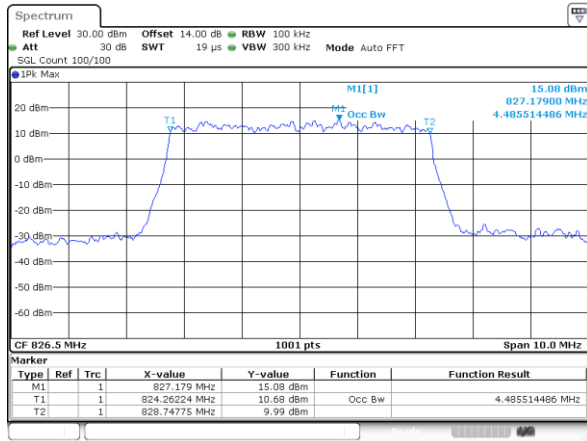


Date: 14.FEB.2019 21:15:35

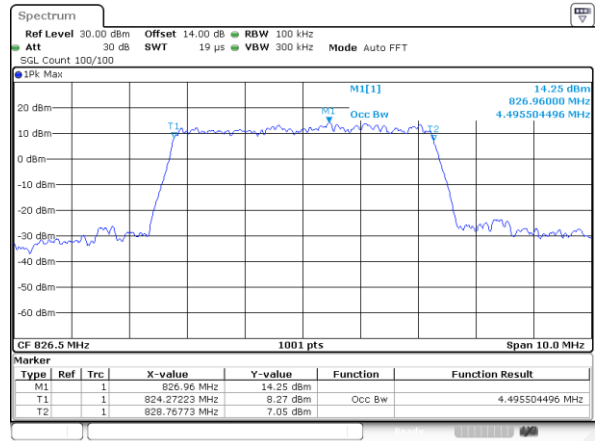


LTE Band 5

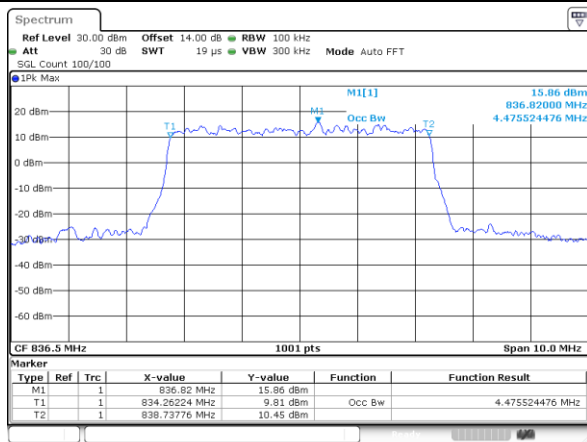
Lowest Channel / 5MHz / QPSK



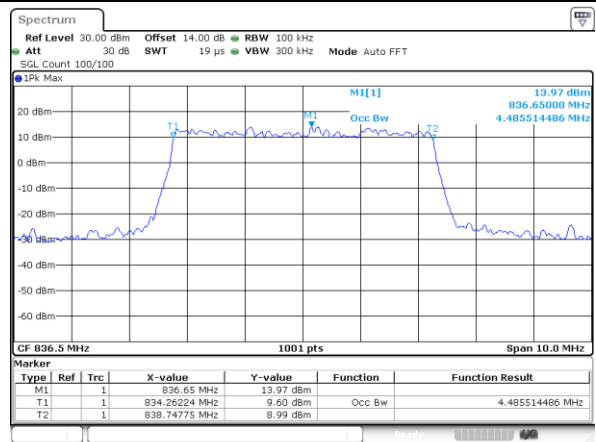
Lowest Channel / 5MHz / 16QAM



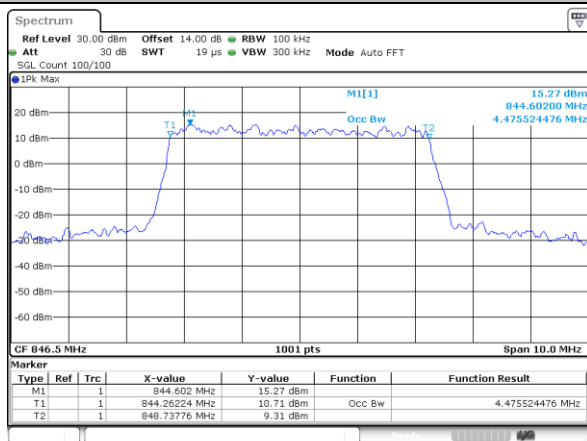
Middle Channel / 5MHz / QPSK



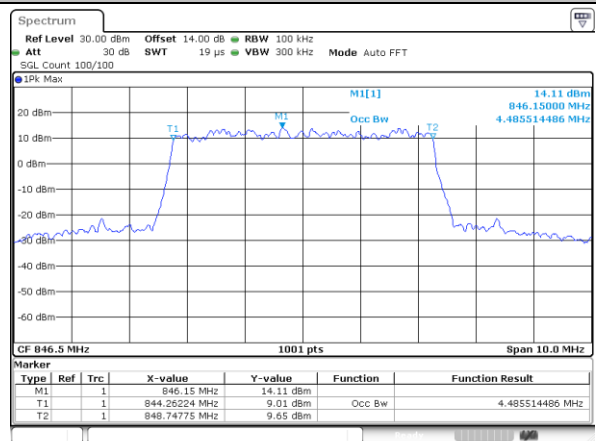
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



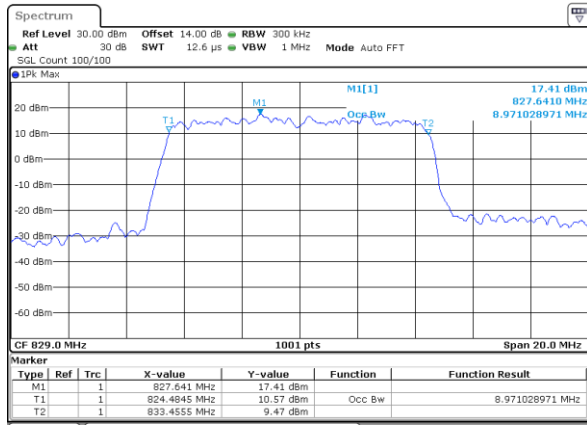
Highest Channel / 5MHz / 16QAM





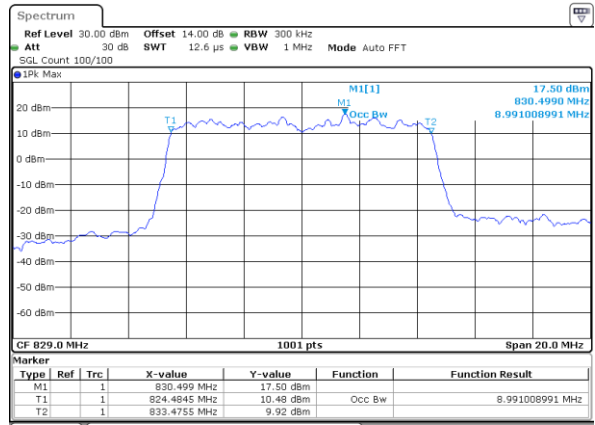
LTE Band 5

Lowest Channel / 10MHz / QPSK



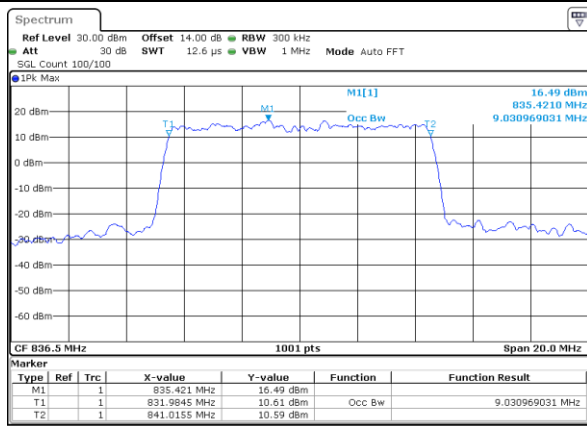
Date: 14.FEB.2019 21:45:15

Lowest Channel / 10MHz / 16QAM



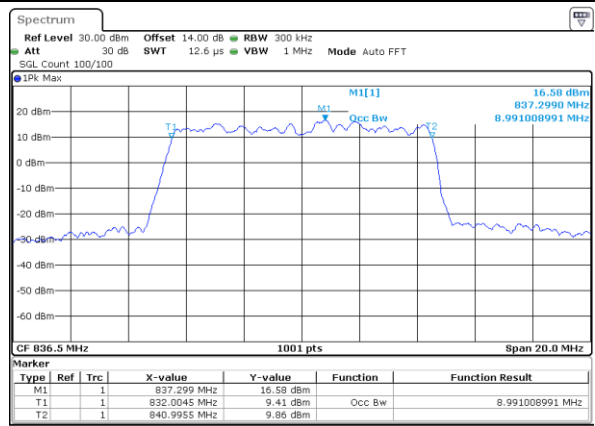
Date: 14.FEB.2019 21:45:16

Middle Channel / 10MHz / QPSK



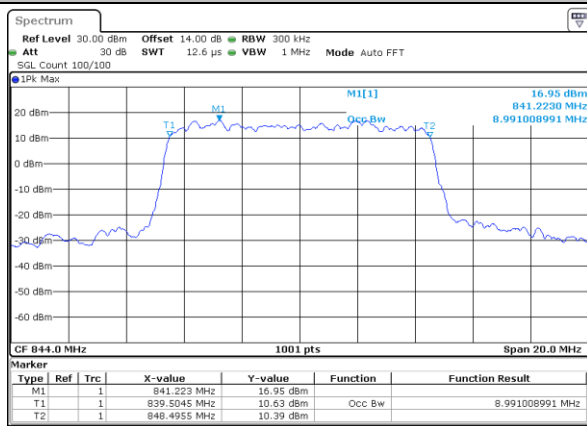
Date: 14.FEB.2019 21:54:22

Middle Channel / 10MHz / 16QAM



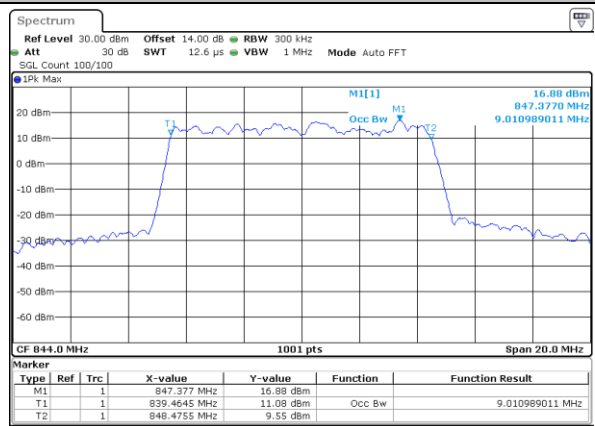
Date: 14.FEB.2019 21:54:32

Highest Channel / 10MHz / QPSK



Date: 14.FEB.2019 21:56:53

Highest Channel / 10MHz / 16QAM

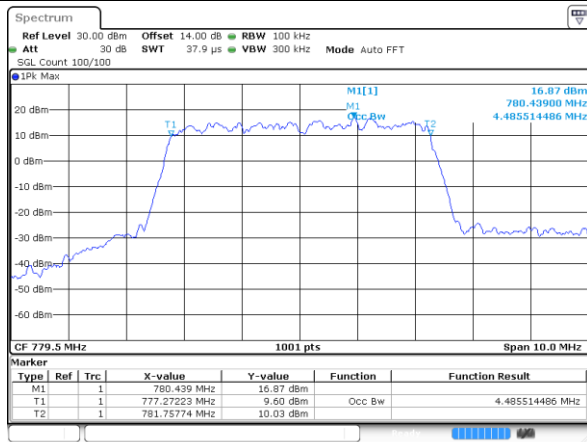


Date: 14.FEB.2019 21:57:03

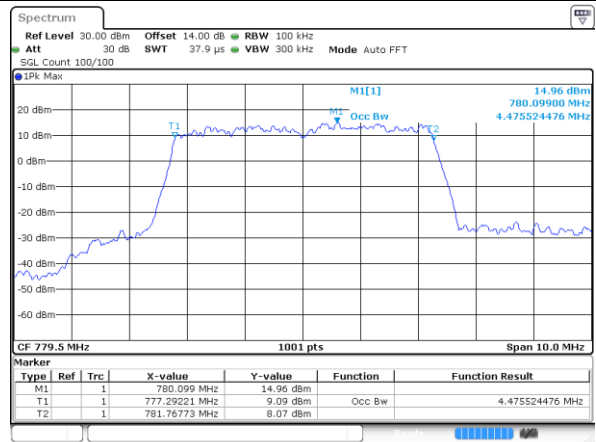


LTE Band 13

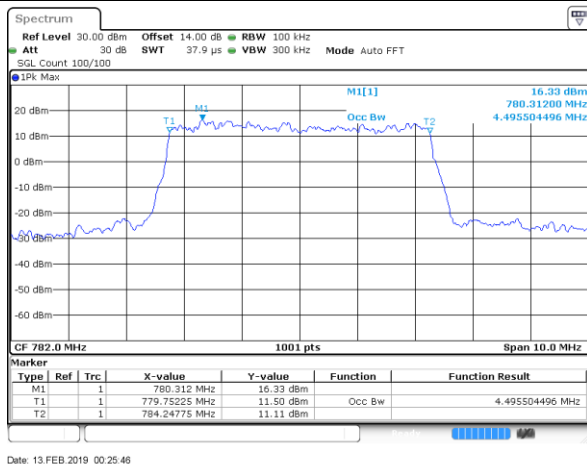
Lowest Channel / 5MHz / QPSK



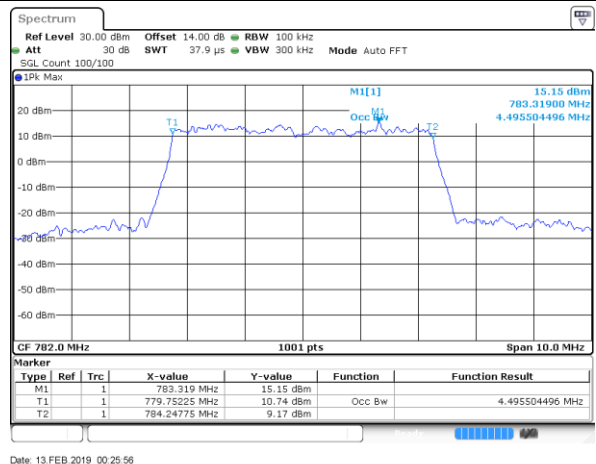
Lowest Channel / 5MHz / 16QAM



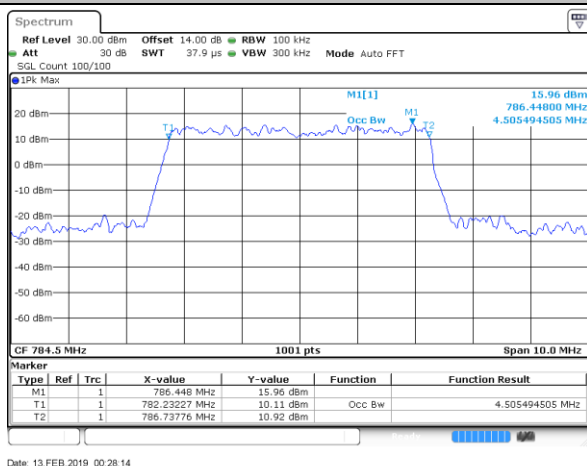
Middle Channel / 5MHz / QPSK



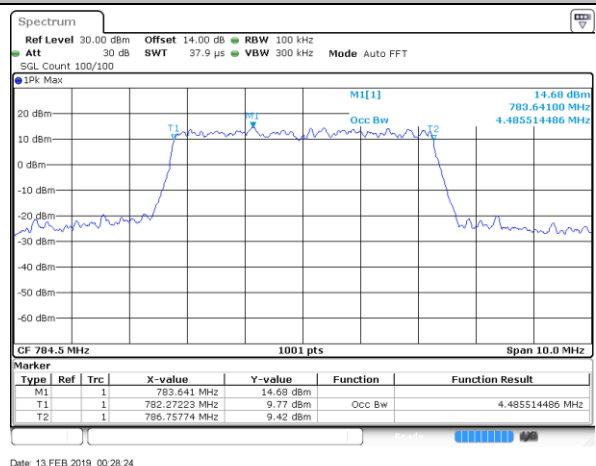
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



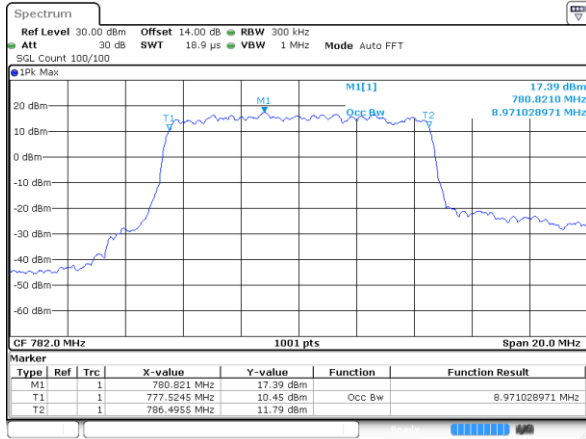
Highest Channel / 5MHz / 16QAM





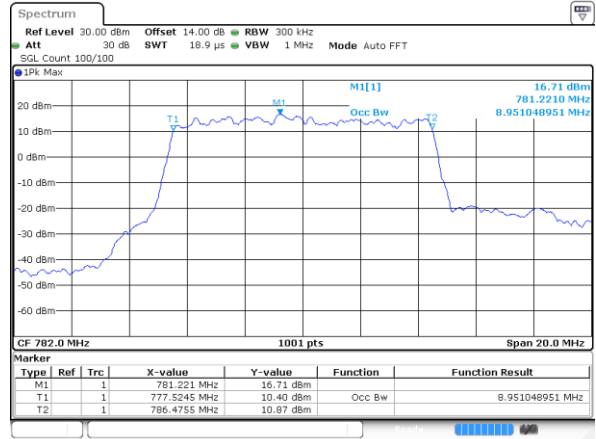
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 13 FEB 2019 00:37:16

Middle Channel / 10MHz / 16QAM



Date: 13 FEB 2019 00:37:26