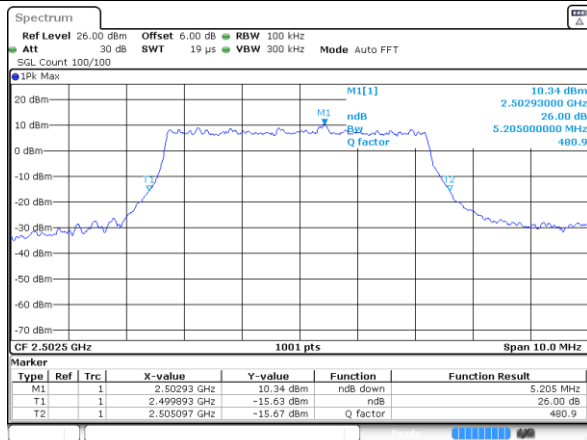




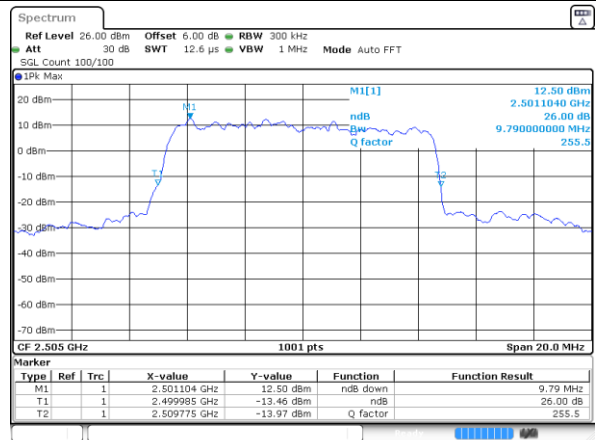
LTE Band 7

Lowest Channel / 5MHz / 64QAM



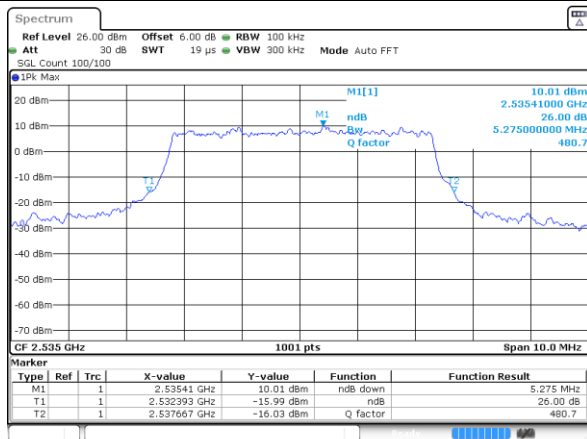
Date: 18 DEC 2019 02:28:47

Lowest Channel / 10MHz / 64QAM



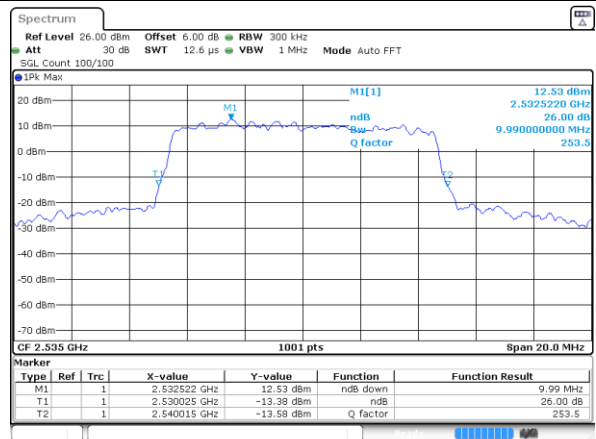
Date: 18 DEC 2019 04:46:34

Middle Channel / 5MHz / 64QAM



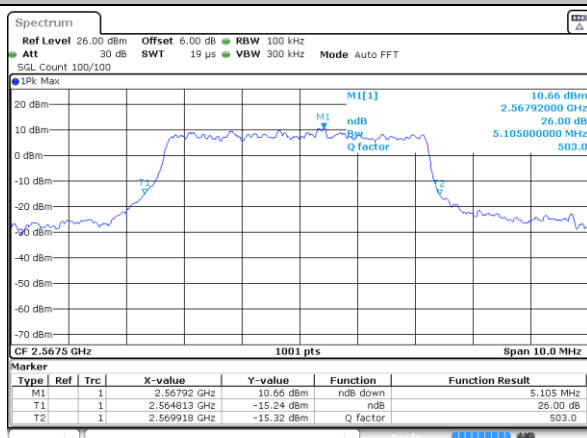
Date: 18 DEC 2019 02:34:22

Middle Channel / 10MHz / 64QAM



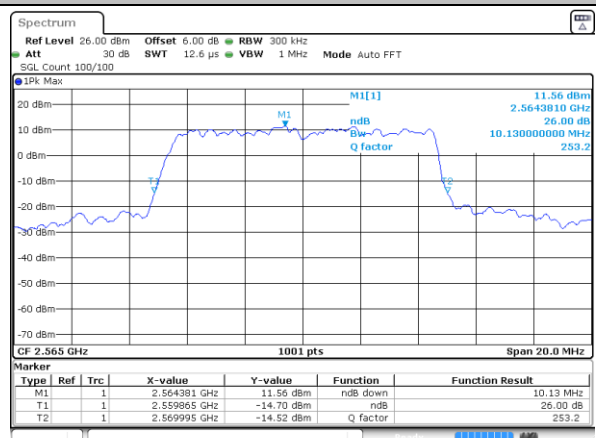
Date: 18 DEC 2019 04:54:25

Highest Channel / 5MHz / 64QAM



Date: 18 DEC 2019 02:38:23

Highest Channel / 10MHz / 64QAM

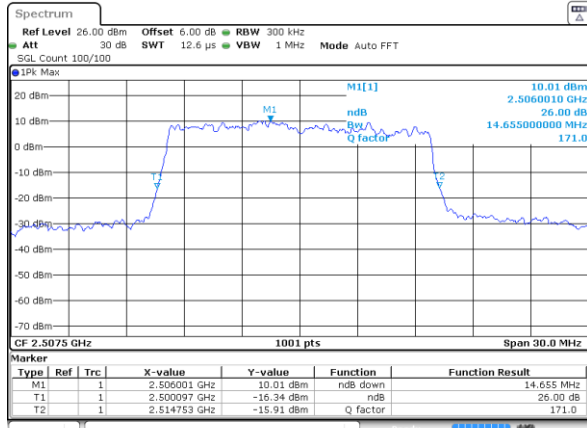


Date: 18 DEC 2019 04:59:39



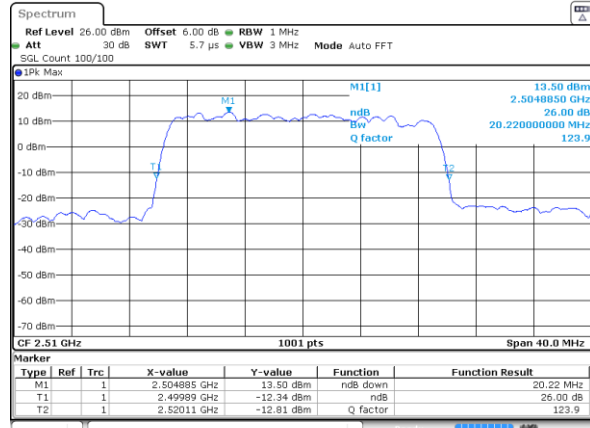
LTE Band 7

Lowest Channel / 15MHz / 64QAM



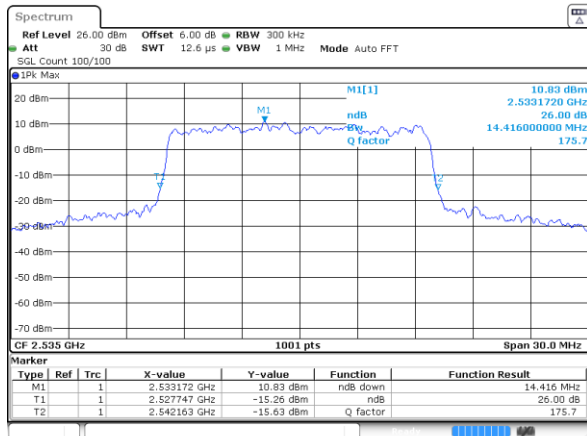
Date: 18 DEC 2019 05:35:05

Lowest Channel / 20MHz / 64QAM



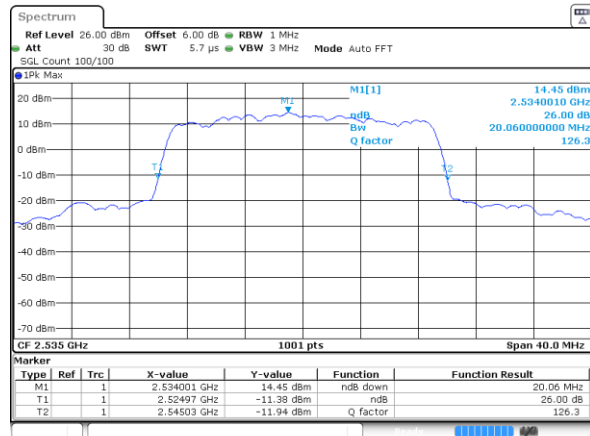
Date: 18 DEC 2019 05:55:07

Middle Channel / 15MHz / 64QAM



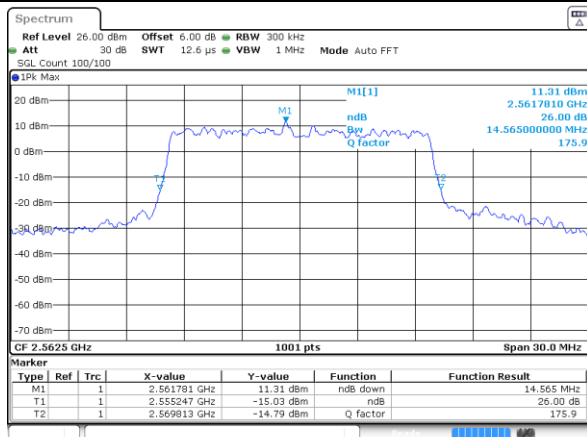
Date: 18 DEC 2019 05:40:44

Middle Channel / 20MHz / 64QAM



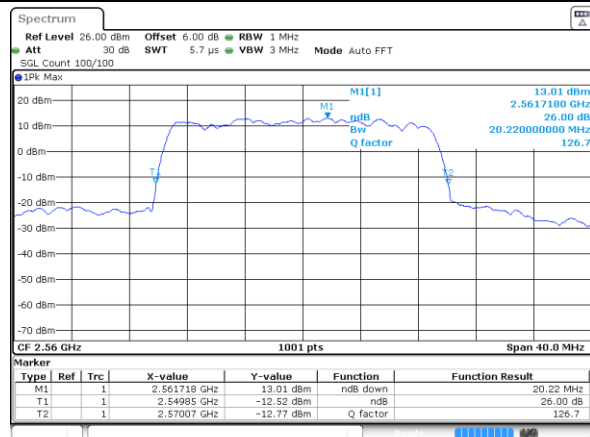
Date: 18 DEC 2019 06:02:30

Highest Channel / 15MHz / 64QAM



Date: 18 DEC 2019 05:48:30

Highest Channel / 20MHz / 64QAM

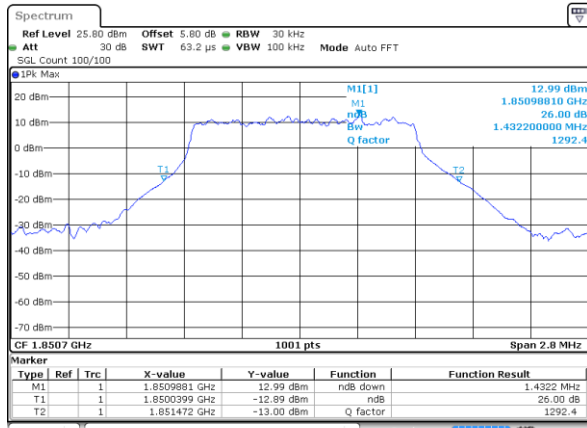


Date: 18 DEC 2019 06:08:49

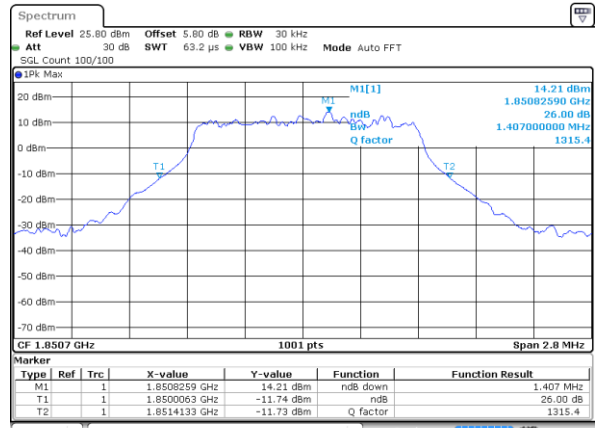


LTE Band 25

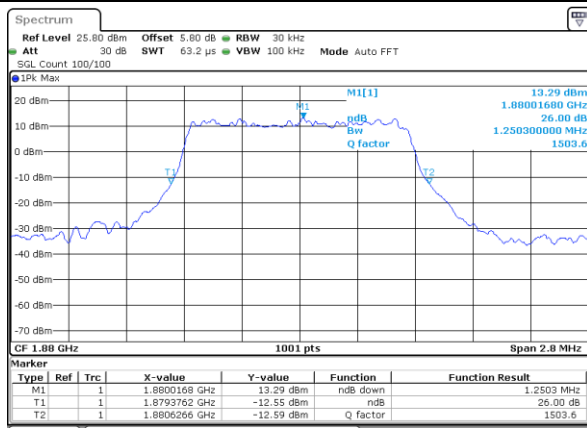
Lowest Channel / 1.4MHz / QPSK



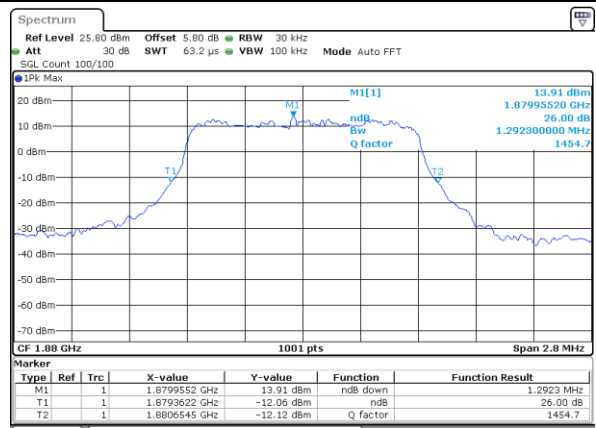
Lowest Channel / 1.4MHz / 16QAM



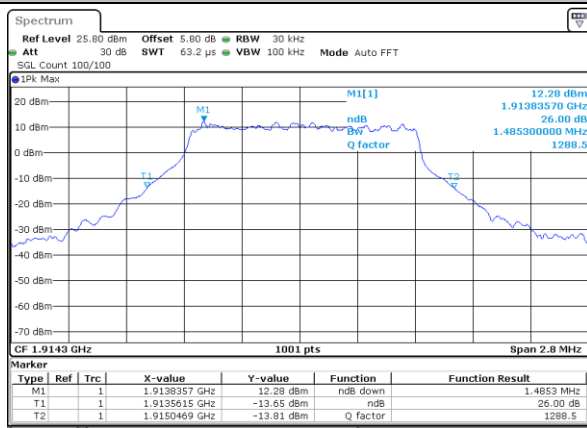
Middle Channel / 1.4MHz / QPSK



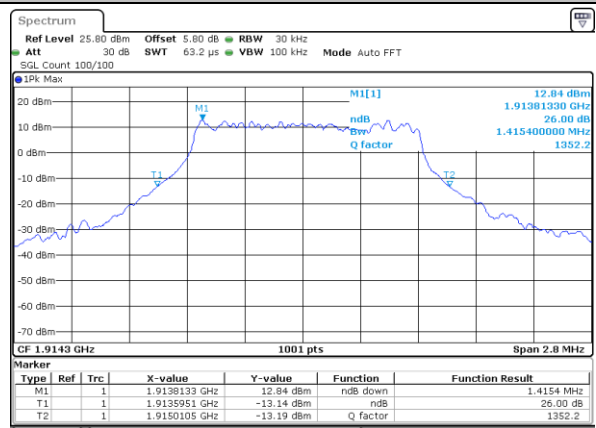
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



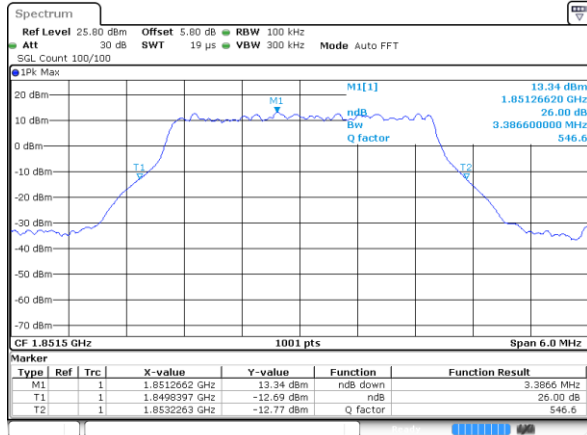
Highest Channel / 1.4MHz / 16QAM





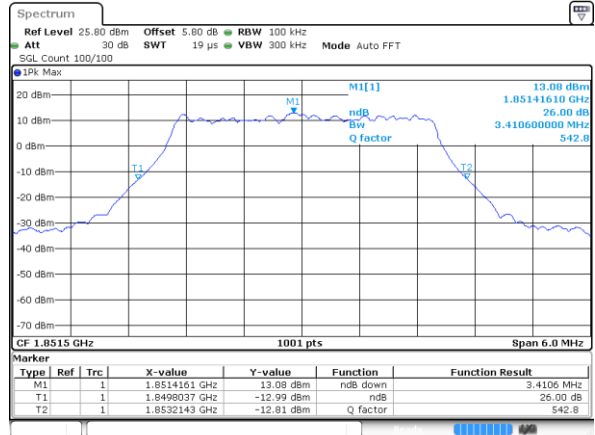
LTE Band 25

Lowest Channel / 3MHz / QPSK



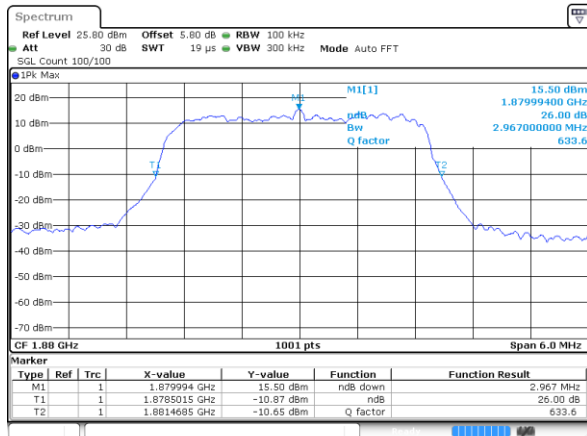
Date: 10 DEC 2019 00:57:02

Lowest Channel / 3MHz / 16QAM



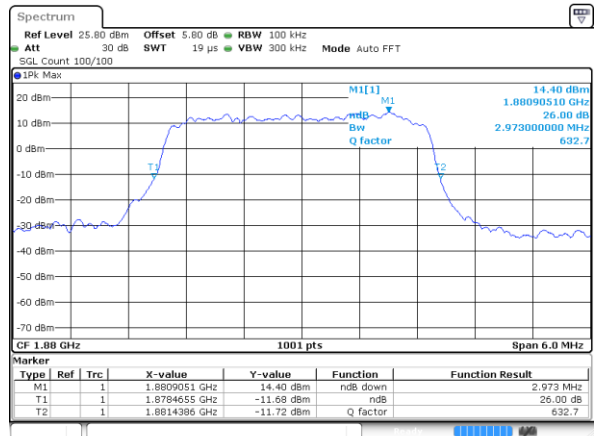
Date: 10 DEC 2019 00:57:30

Middle Channel / 3MHz / QPSK



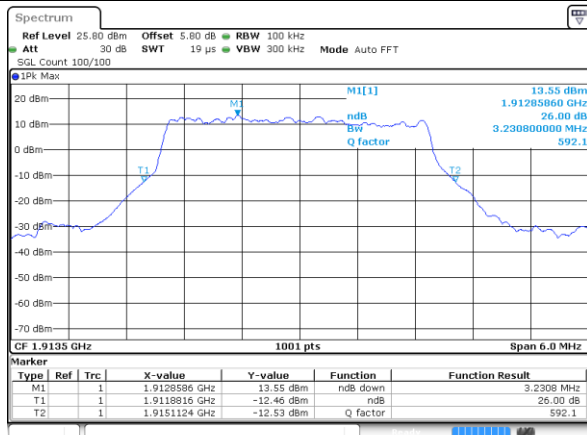
Date: 10 DEC 2019 01:03:41

Middle Channel / 3MHz / 16QAM



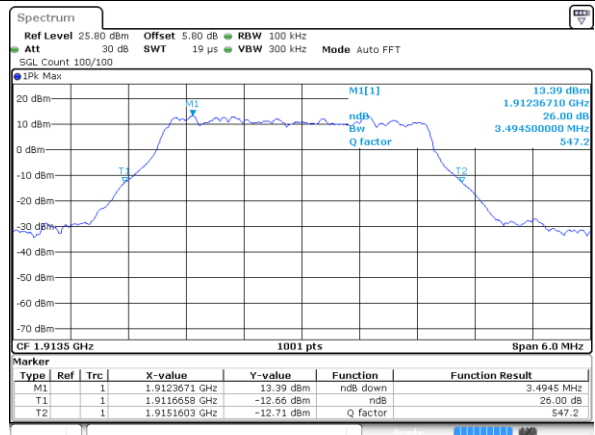
Date: 10 DEC 2019 01:04:02

Highest Channel / 3MHz / QPSK



Date: 10 DEC 2019 01:07:47

Highest Channel / 3MHz / 16QAM

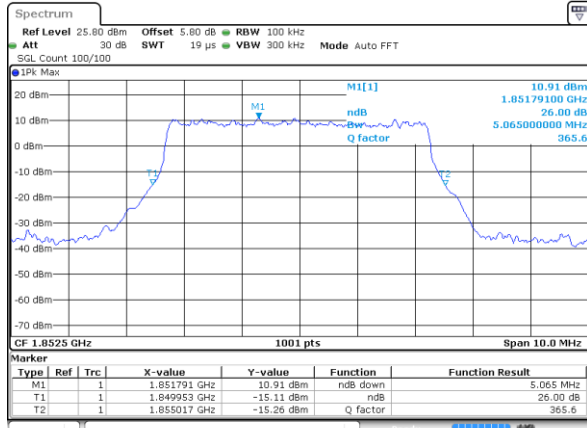


Date: 10 DEC 2019 01:08:15



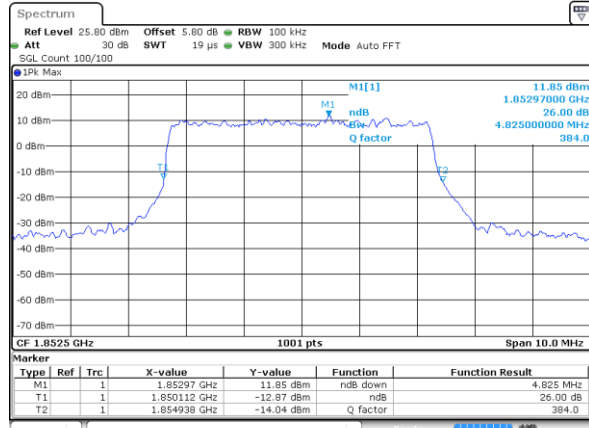
LTE Band 25

Lowest Channel / 5MHz / QPSK



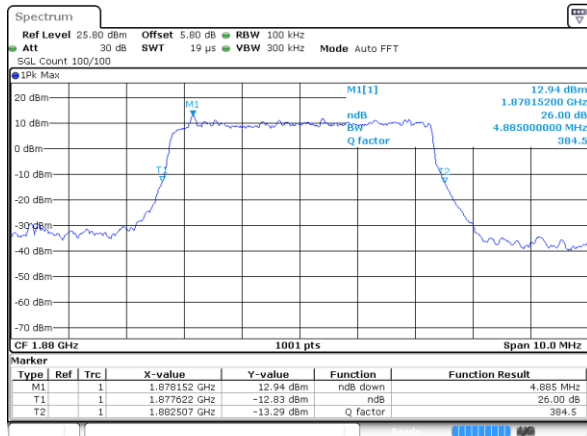
Date: 10 DEC 2019 01:18:09

Lowest Channel / 5MHz / 16QAM



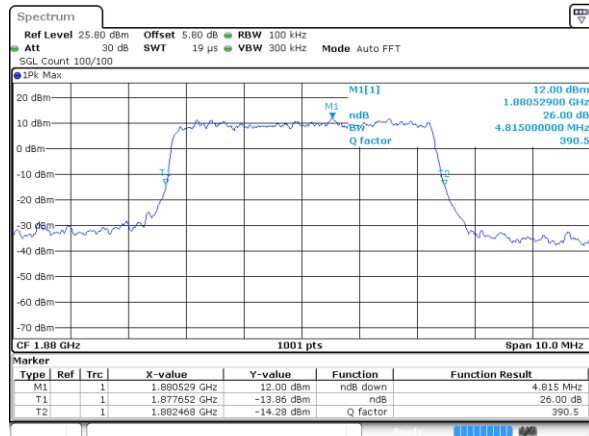
Date: 10 DEC 2019 01:18:32

Middle Channel / 5MHz / QPSK



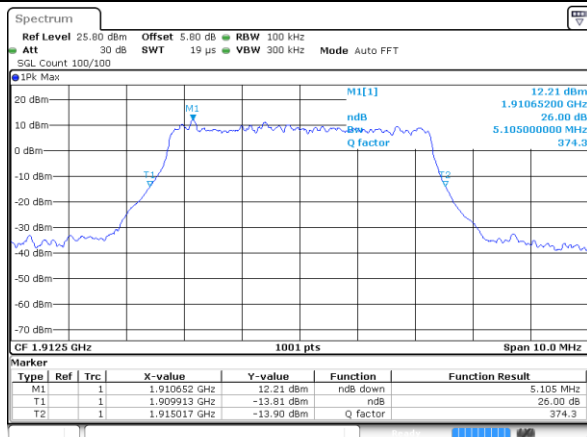
Date: 10 DEC 2019 01:25:16

Middle Channel / 5MHz / 16QAM



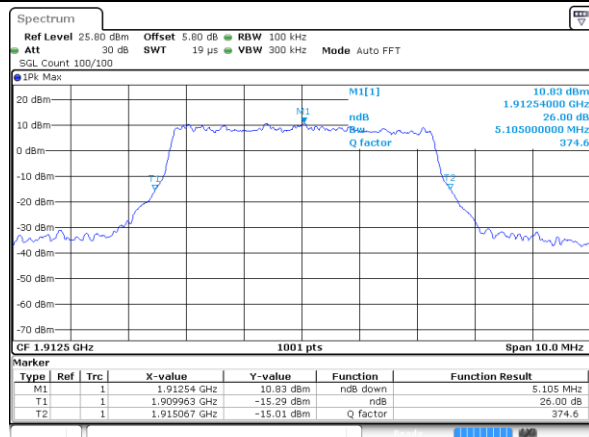
Date: 10 DEC 2019 01:25:51

Highest Channel / 5MHz / QPSK



Date: 10 DEC 2019 01:33:02

Highest Channel / 5MHz / 16QAM

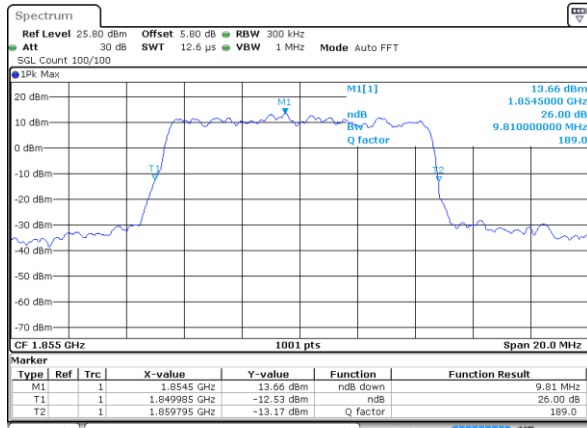


Date: 10 DEC 2019 01:33:19



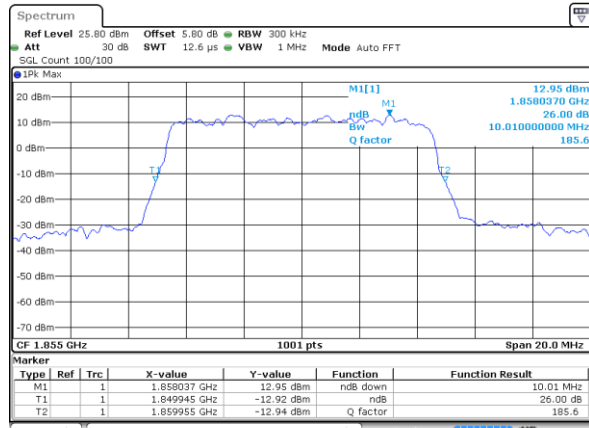
LTE Band 25

Lowest Channel / 10MHz / QPSK



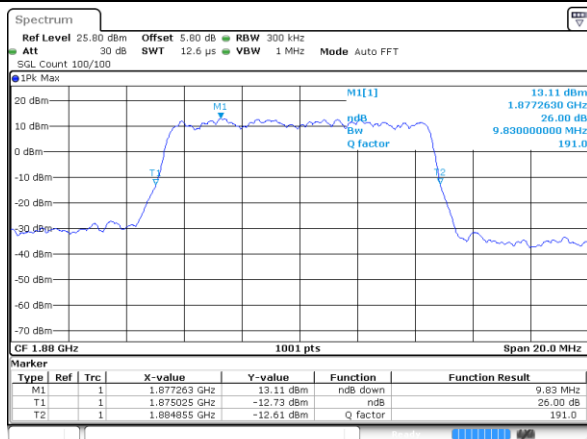
Date: 10 DEC 2019 01:37:47

Lowest Channel / 10MHz / 16QAM



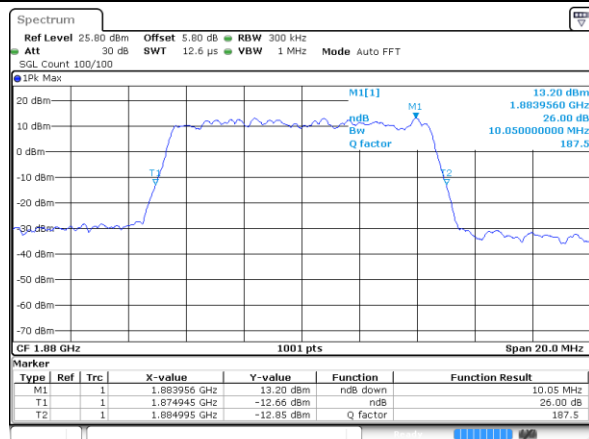
Date: 10 DEC 2019 01:38:08

Middle Channel / 10MHz / QPSK



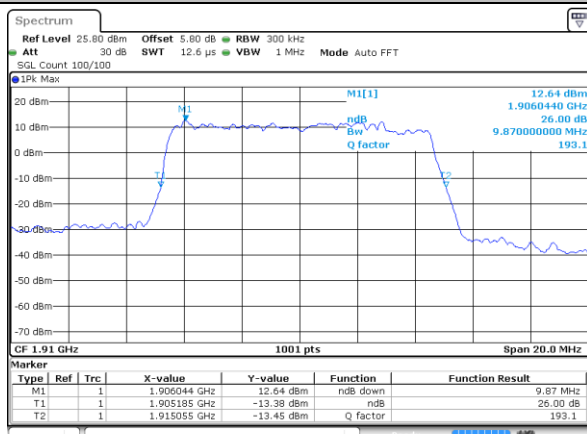
Date: 10 DEC 2019 01:42:16

Middle Channel / 10MHz / 16QAM



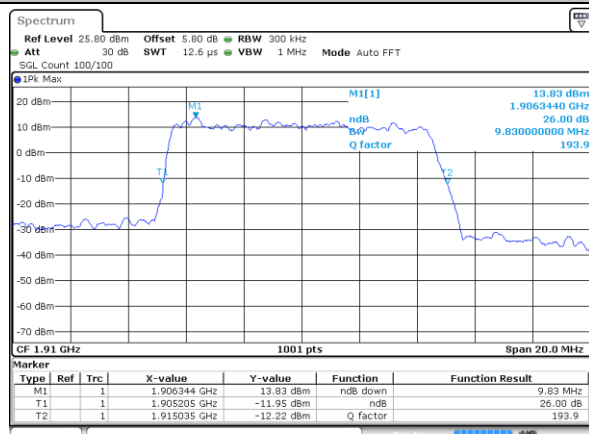
Date: 10 DEC 2019 01:42:50

Highest Channel / 10MHz / QPSK



Date: 10 DEC 2019 01:47:34

Highest Channel / 10MHz / 16QAM

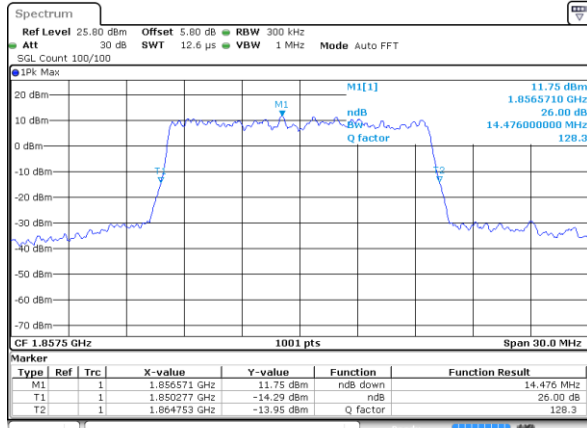


Date: 10 DEC 2019 01:48:00



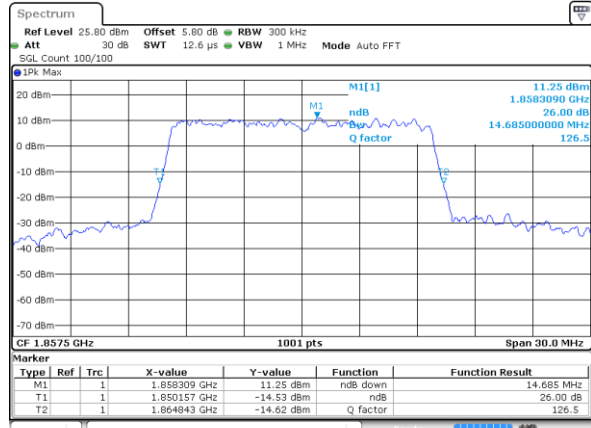
LTE Band 25

Lowest Channel / 15MHz / QPSK



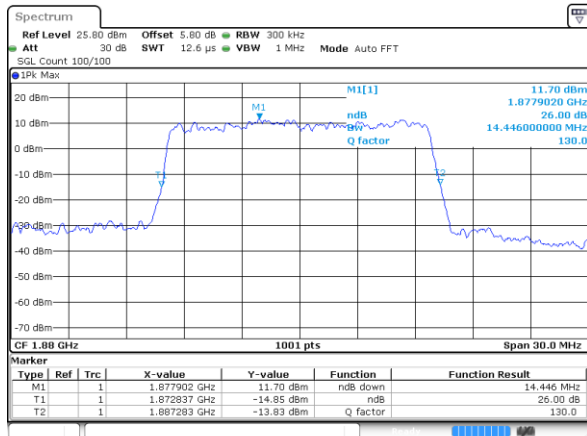
Date: 10 DEC 2019 01:52:21

Lowest Channel / 15MHz / 16QAM



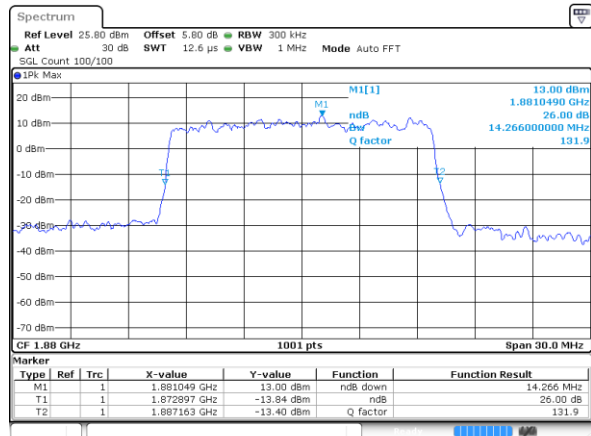
Date: 10 DEC 2019 01:52:41

Middle Channel / 15MHz / QPSK



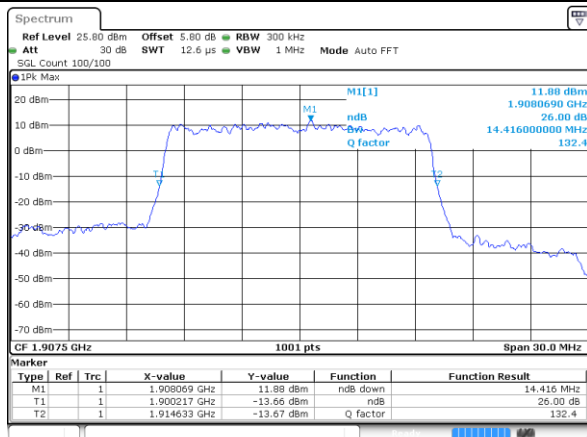
Date: 10 DEC 2019 01:57:25

Middle Channel / 15MHz / 16QAM



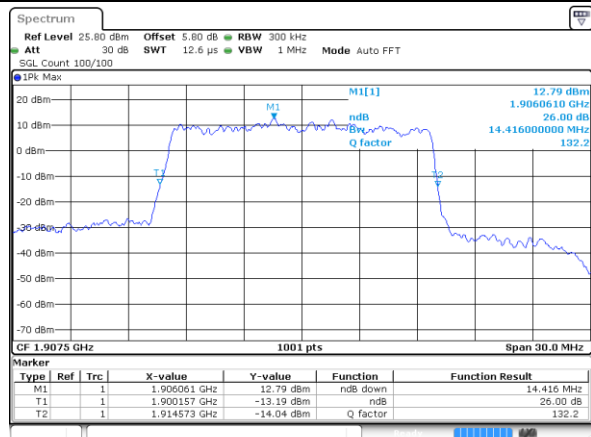
Date: 10 DEC 2019 01:57:48

Highest Channel / 15MHz / QPSK



Date: 10 DEC 2019 02:01:39

Highest Channel / 15MHz / 16QAM

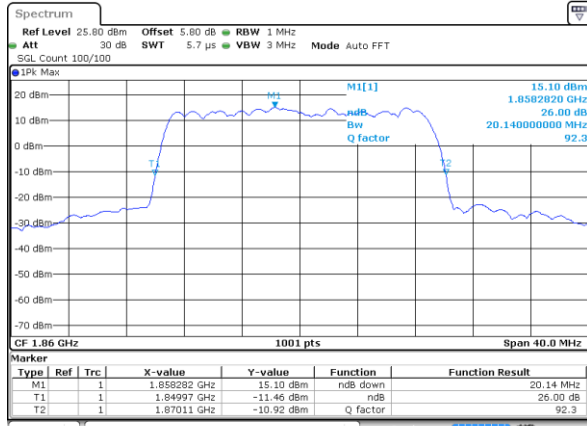


Date: 10 DEC 2019 02:02:04



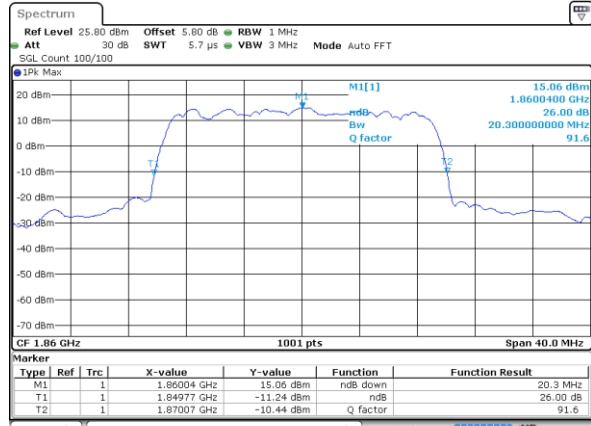
LTE Band 25

Lowest Channel / 20MHz / QPSK



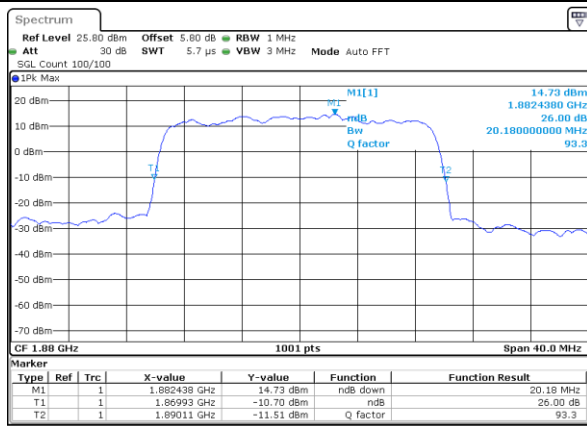
Date: 10 DEC 2019 02:05:59

Lowest Channel / 20MHz / 16QAM



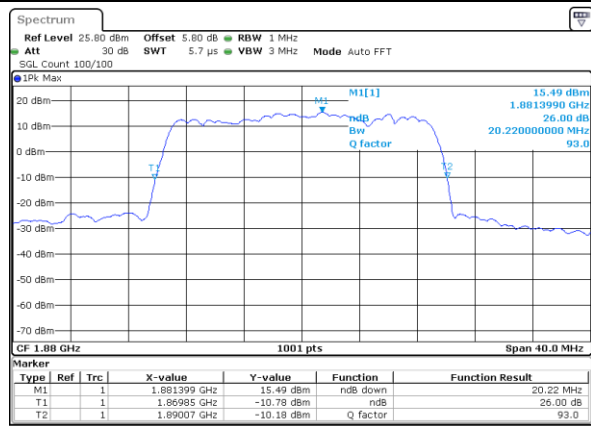
Date: 10 DEC 2019 02:06:24

Middle Channel / 20MHz / QPSK



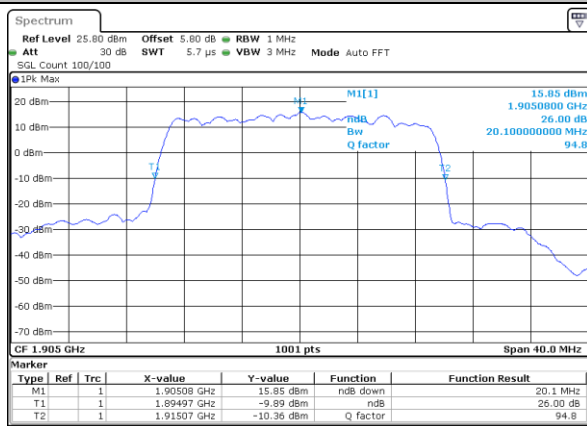
Date: 10 DEC 2019 02:25:10

Middle Channel / 20MHz / 16QAM



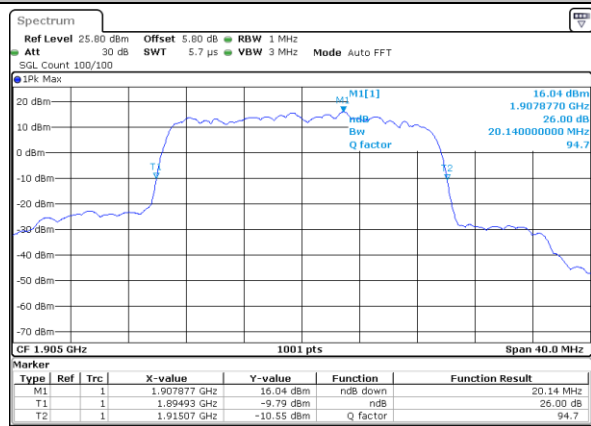
Date: 10 DEC 2019 02:25:45

Highest Channel / 20MHz / QPSK



Date: 10 DEC 2019 02:29:54

Highest Channel / 20MHz / 16QAM

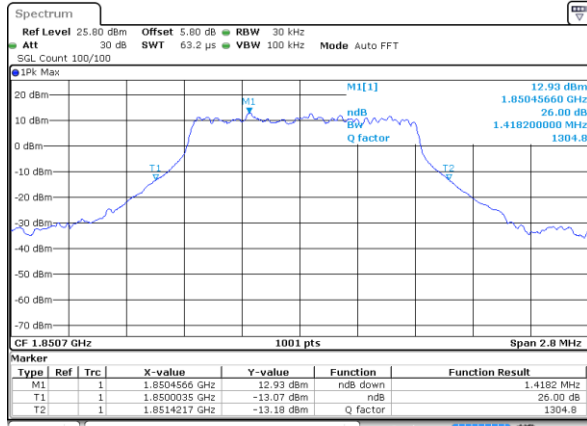


Date: 10 DEC 2019 02:30:31



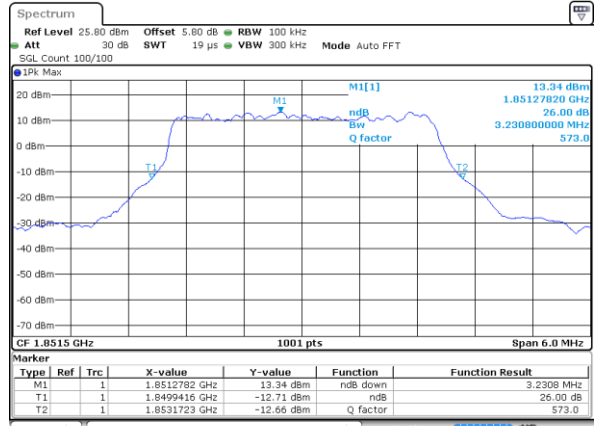
LTE Band 25

Lowest Channel / 1.4MHz / 64QAM



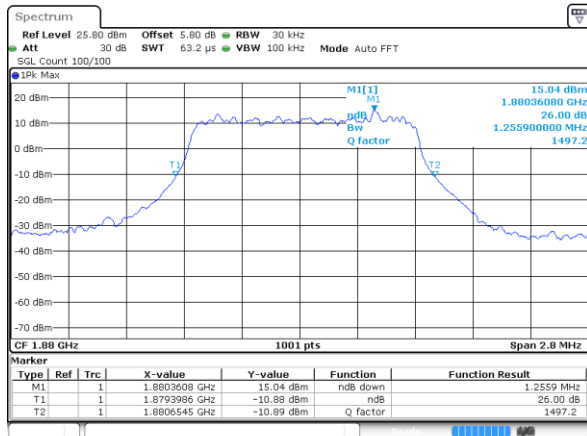
Date: 10 DEC 2019 00:41:11

Lowest Channel / 3MHz / 64QAM



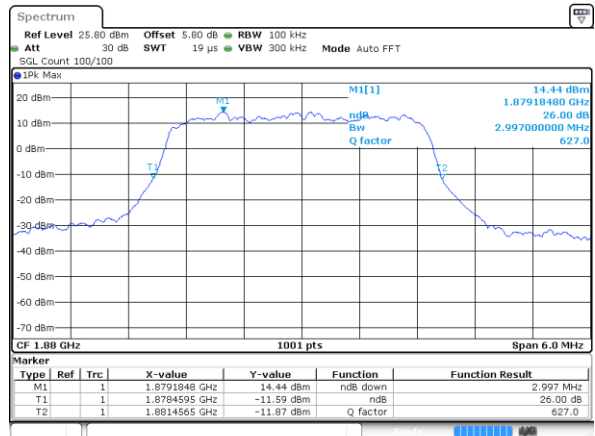
Date: 10 DEC 2019 00:59:59

Middle Channel / 1.4MHz / 64QAM



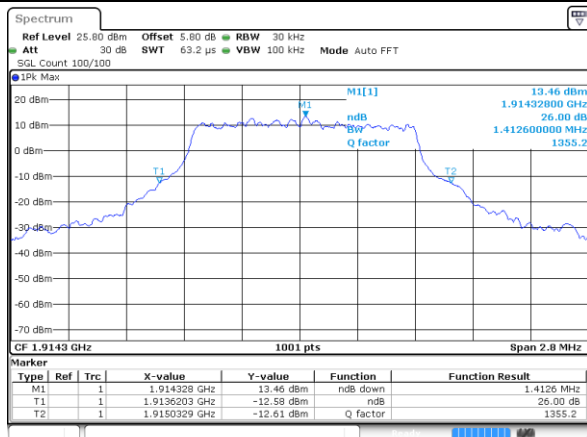
Date: 10 DEC 2019 00:48:03

Middle Channel / 3MHz / 64QAM



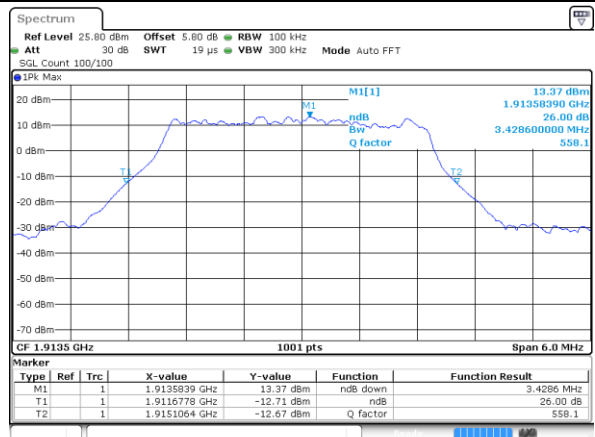
Date: 10 DEC 2019 01:04:21

Highest Channel / 1.4MHz / 64QAM



Date: 10 DEC 2019 00:53:02

Highest Channel / 3MHz / 64QAM

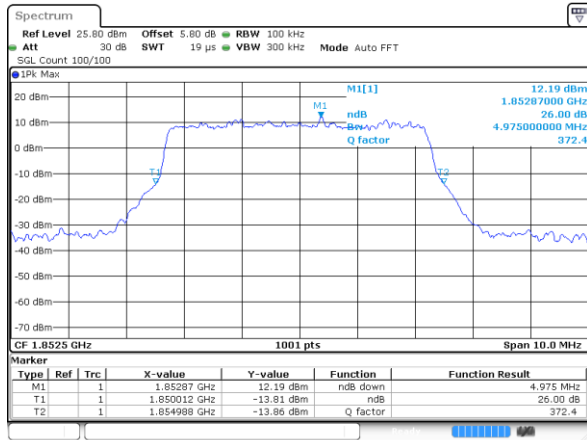


Date: 10 DEC 2019 01:08:39

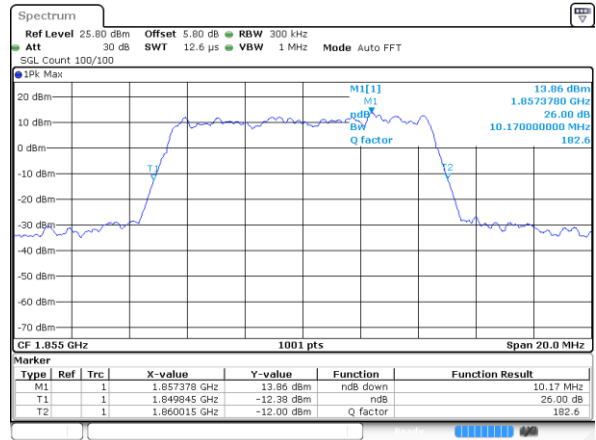


LTE Band 25

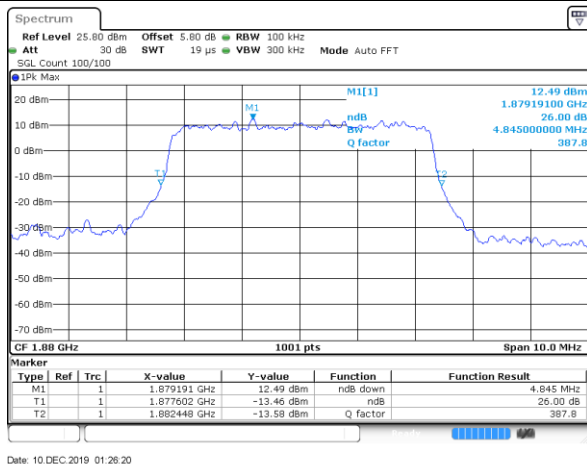
Lowest Channel / 5MHz / 64QAM



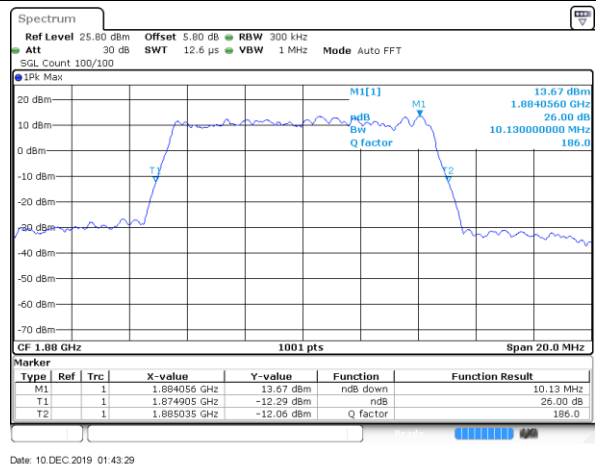
Lowest Channel / 10MHz / 64QAM



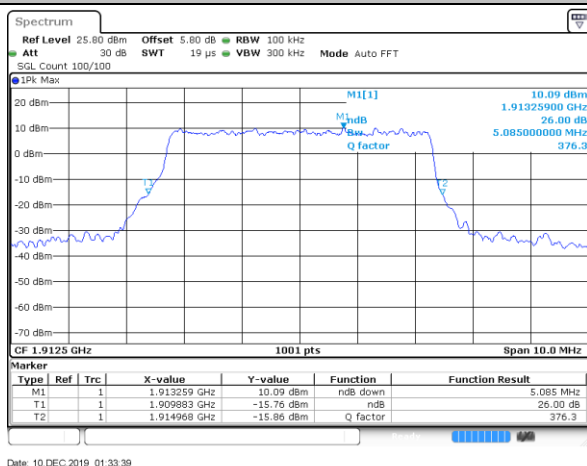
Middle Channel / 5MHz / 64QAM



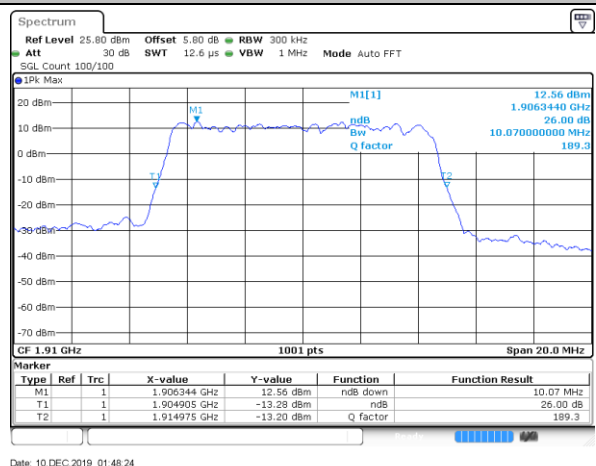
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



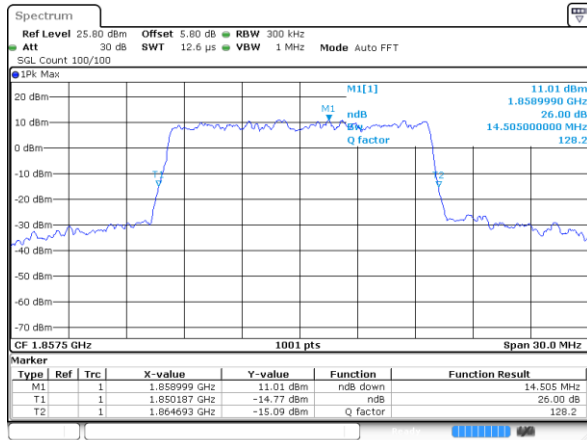
Highest Channel / 10MHz / 64QAM





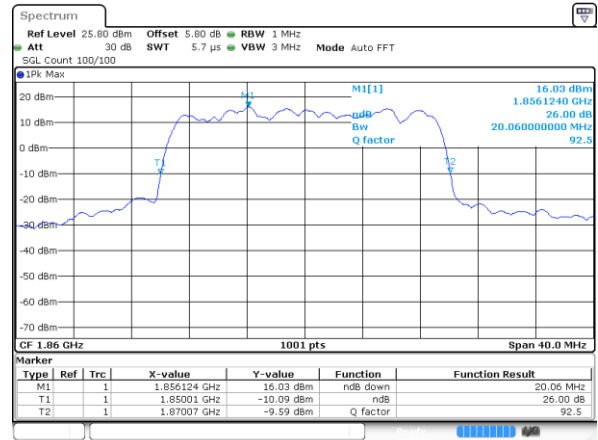
LTE Band 25

Lowest Channel / 15MHz / 64QAM



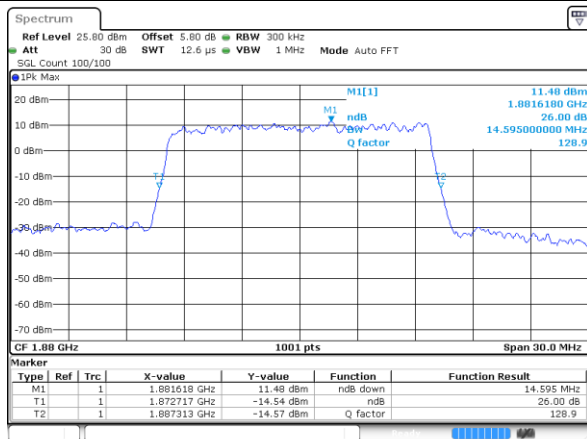
Date: 10 DEC 2019 01:53:02

Lowest Channel / 20MHz / 64QAM



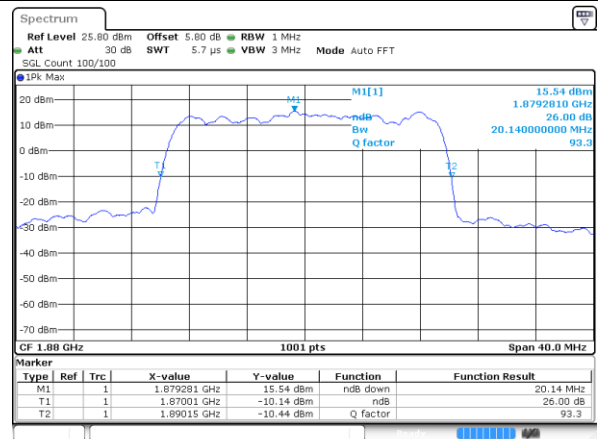
Date: 10 DEC 2019 02:06:43

Middle Channel / 15MHz / 64QAM



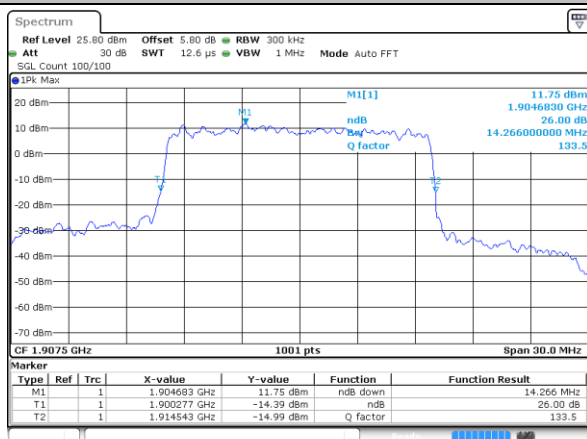
Date: 10 DEC 2019 01:58:07

Middle Channel / 20MHz / 64QAM



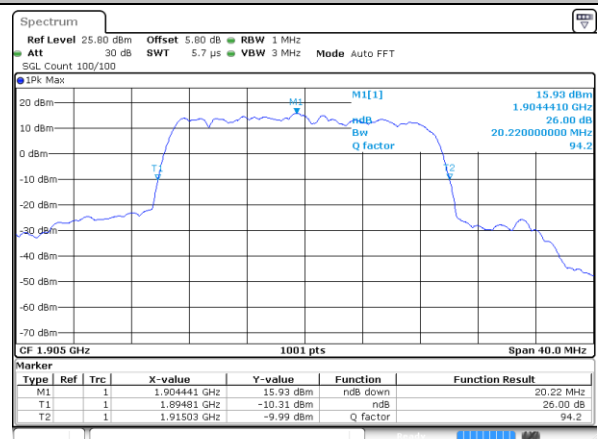
Date: 10 DEC 2019 02:06:08

Highest Channel / 15MHz / 64QAM



Date: 10 DEC 2019 02:02:29

Highest Channel / 20MHz / 64QAM



Date: 10 DEC 2019 02:31:05



A.3.4 Occupied Bandwidth

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	1.11	1.11	2.78	2.73	4.51	4.57	9.09	9.05	13.43	13.37	18.34	18.34
Middle CH	1.09	1.12	2.75	2.78	4.51	4.56	9.01	9.03	13.46	13.43	18.50	18.18
Highest CH	1.13	1.12	2.76	2.76	4.49	4.52	9.05	9.09	13.49	13.40	18.38	18.30
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.10	-	2.81	-	4.57	-	9.01	-	13.43	-	18.22	-
Middle CH	1.10	-	2.75	-	4.56	-	8.99	-	13.43	-	18.26	-
Highest CH	1.10	-	2.73	-	4.49	-	9.05	-	13.46	-	18.34	-

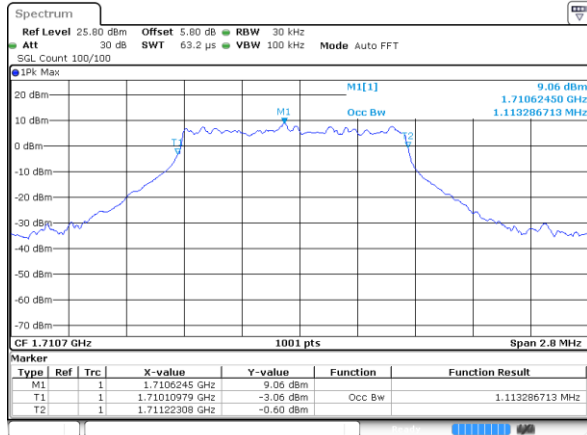
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.54	9.07	9.09	13.43	13.55	18.26	18.30
Middle CH	-	-	-	-	4.55	4.52	8.97	9.07	13.40	13.43	18.14	18.14
Highest CH	-	-	-	-	4.52	4.56	9.05	9.09	13.49	13.49	18.42	18.42
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	-	-	-	-	4.51	-	9.05	-	13.49	-	18.50	-
Middle CH	-	-	-	-	4.52	-	9.03	-	13.43	-	18.26	-
Highest CH	-	-	-	-	4.52	-	9.03	-	13.49	-	18.46	-

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	1.12	1.11	2.75	2.75	4.54	4.52	9.01	9.07	13.43	13.43	18.42	18.26
Middle CH	1.09	1.08	2.66	2.68	4.47	4.50	9.05	9.01	13.43	13.47	18.38	18.34
Highest CH	1.10	1.10	2.76	2.75	4.52	4.52	9.01	9.05	13.40	13.46	18.34	18.30
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.12	-	2.76	-	4.61	-	9.11	-	13.43	-	18.50	-
Middle CH	1.10	-	2.66	-	4.44	-	9.03	-	13.52	-	18.42	-
Highest CH	1.10	-	2.73	-	4.55	-	9.03	-	13.40	-	18.22	-

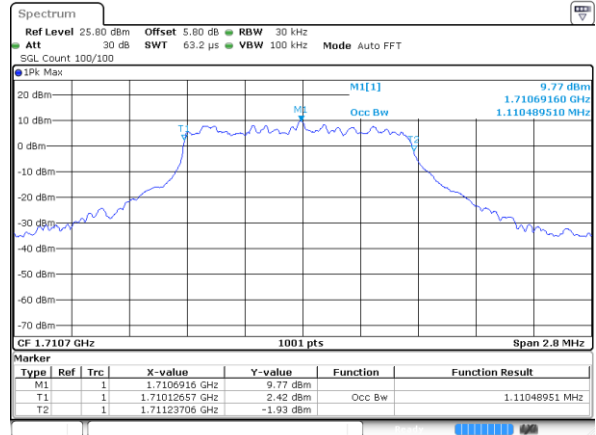


LTE Band 4

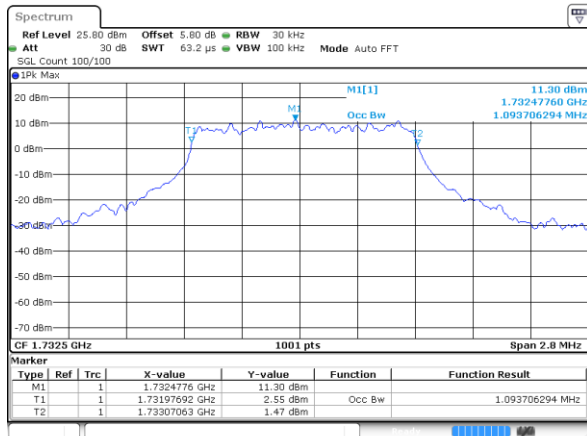
Lowest Channel / 1.4MHz / QPSK



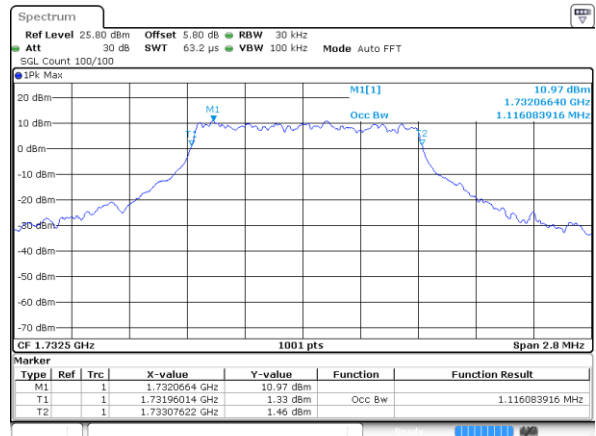
Lowest Channel / 1.4MHz / 16QAM



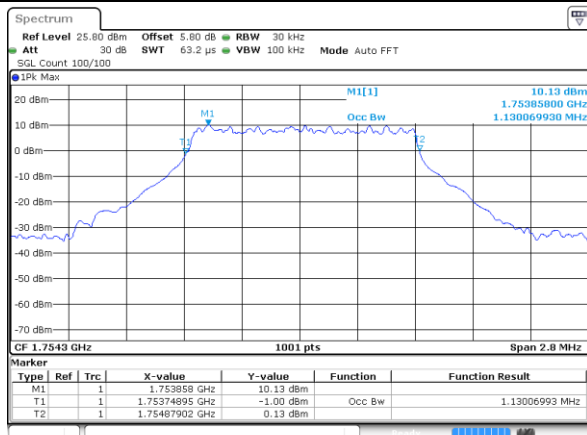
Middle Channel / 1.4MHz / QPSK



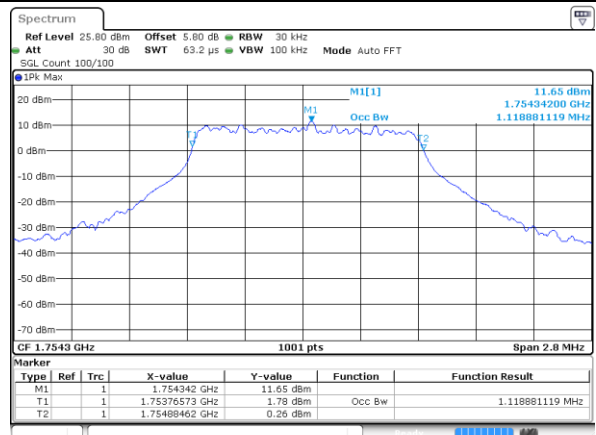
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



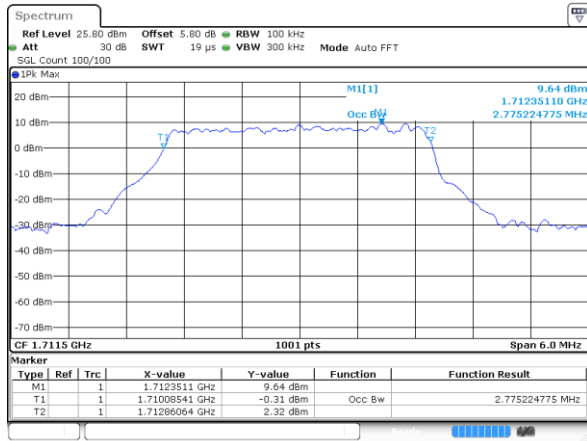
Highest Channel / 1.4MHz / 16QAM



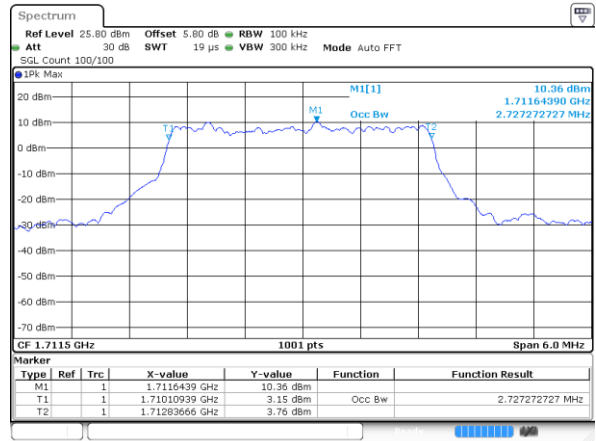


LTE Band 4

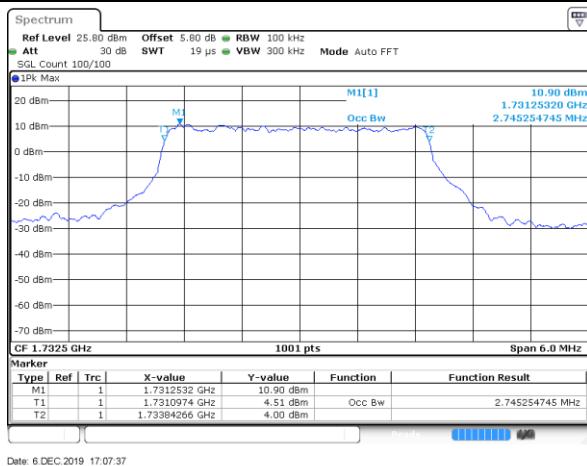
Lowest Channel / 3MHz / QPSK



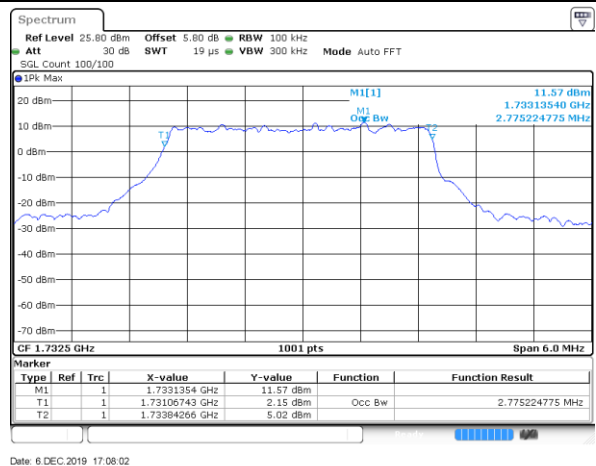
Lowest Channel / 3MHz / 16QAM



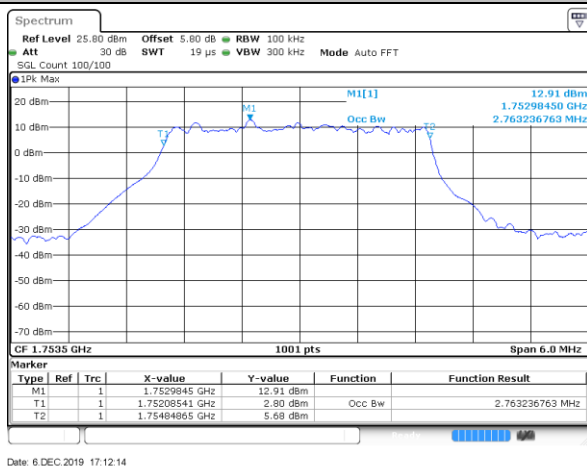
Middle Channel / 3MHz / QPSK



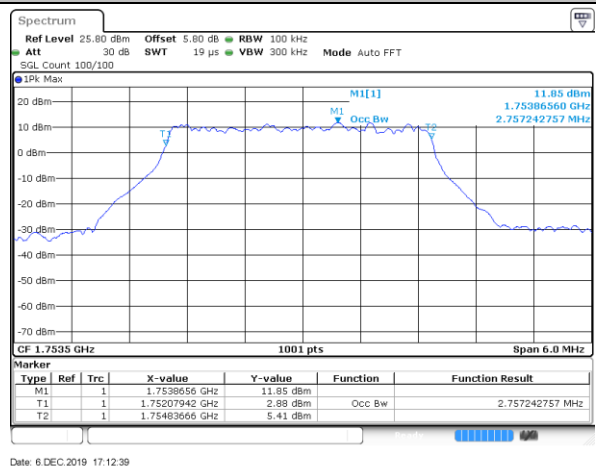
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



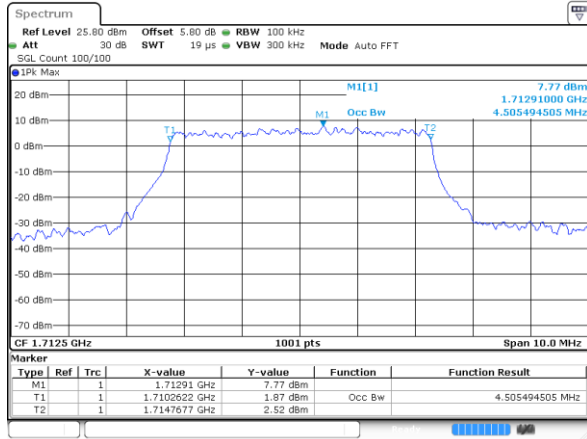
Highest Channel / 3MHz / 16QAM



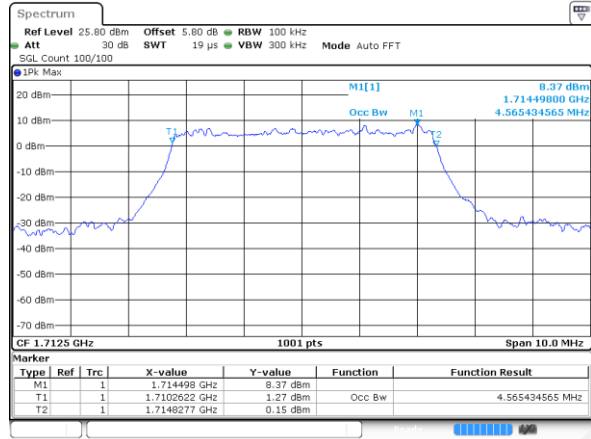


LTE Band 4

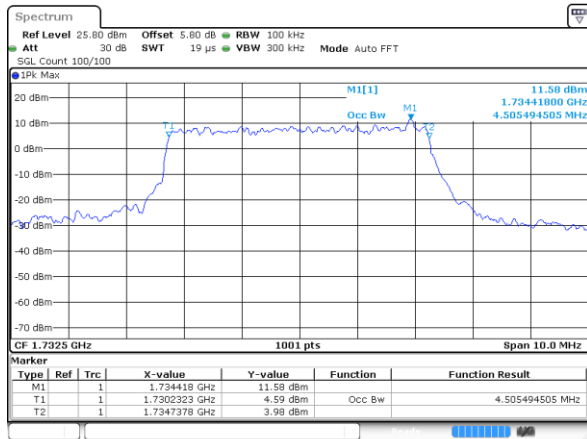
Lowest Channel / 5MHz / QPSK



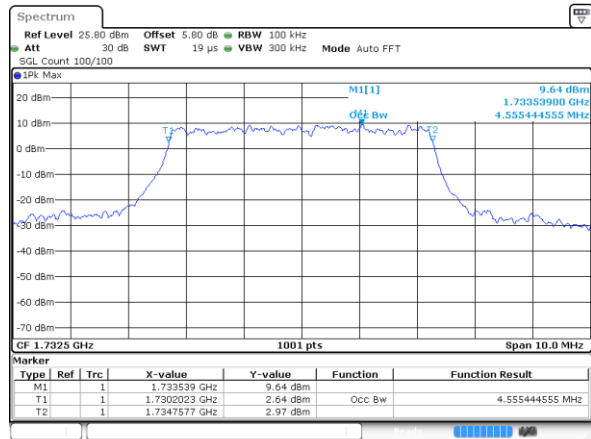
Lowest Channel / 5MHz / 16QAM



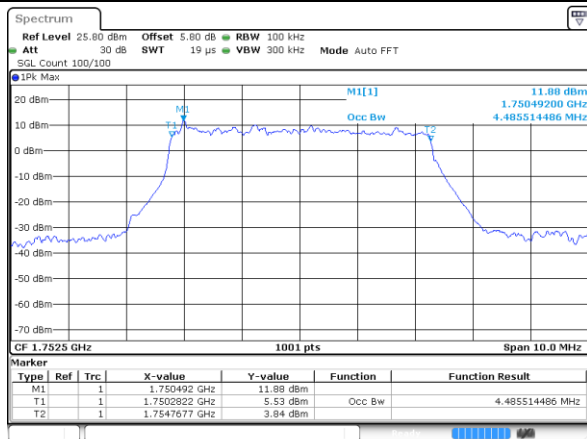
Middle Channel / 5MHz / QPSK



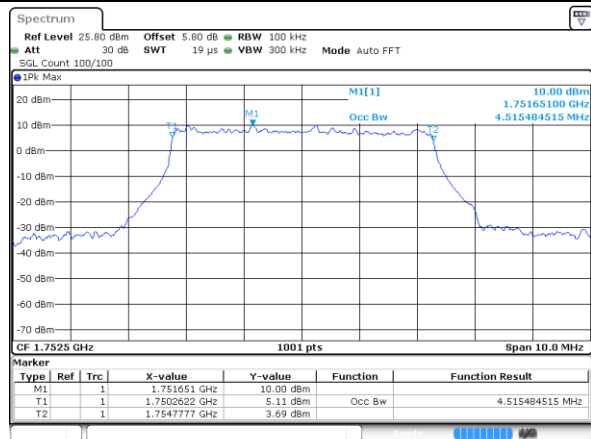
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



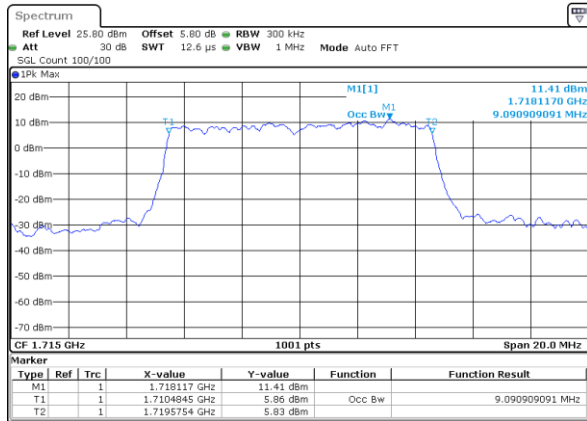
Highest Channel / 5MHz / 16QAM



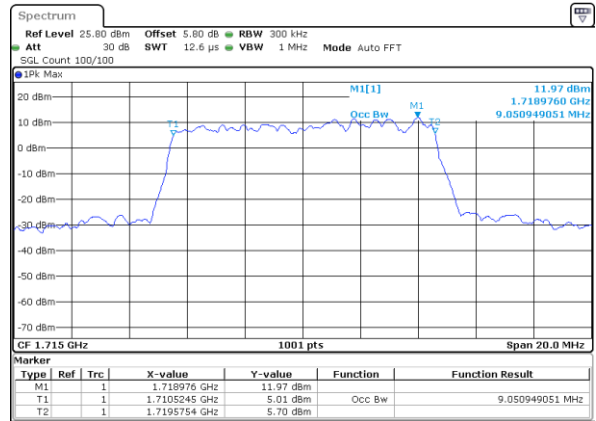


LTE Band 4

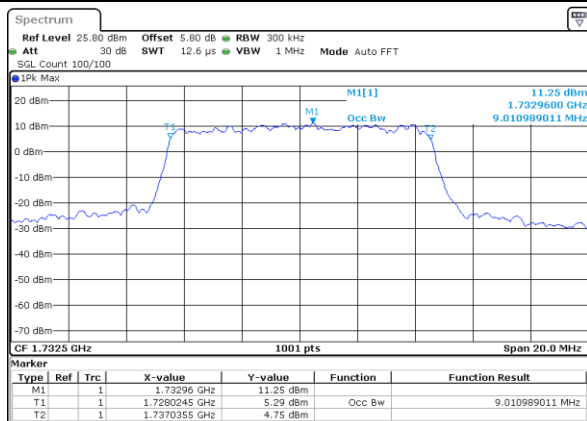
Lowest Channel / 10MHz / QPSK



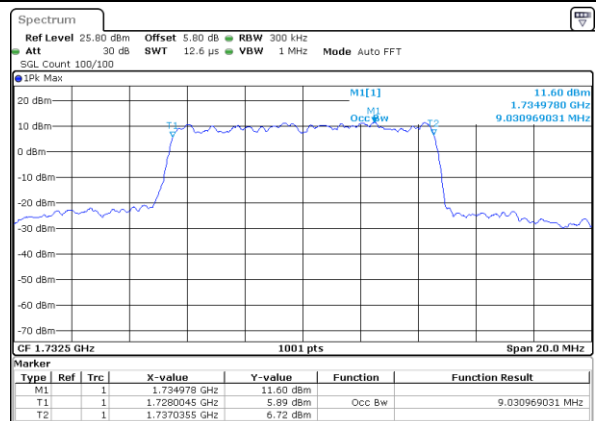
Lowest Channel / 10MHz / 16QAM



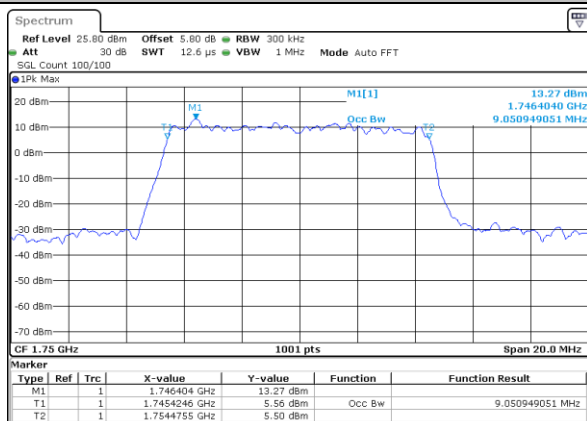
Middle Channel / 10MHz / QPSK



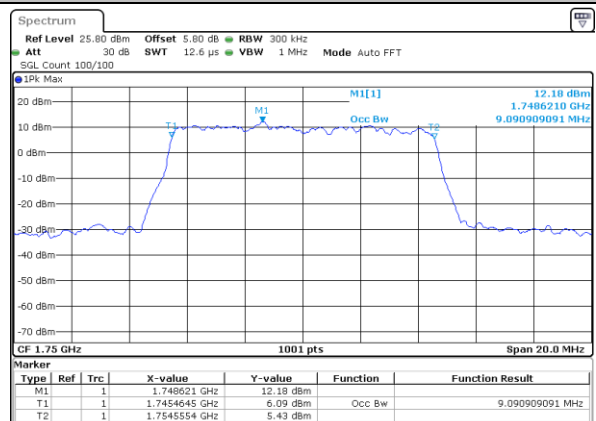
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



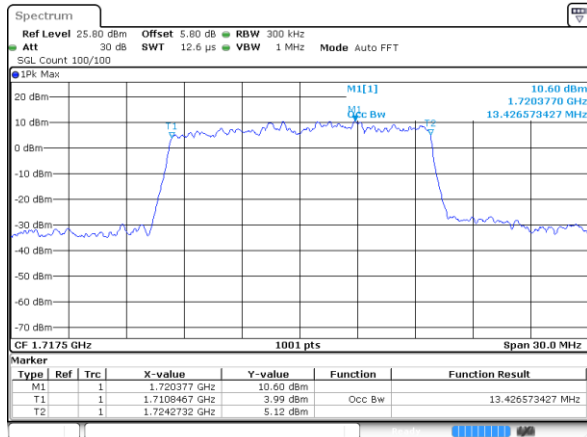
Highest Channel / 10MHz / 16QAM



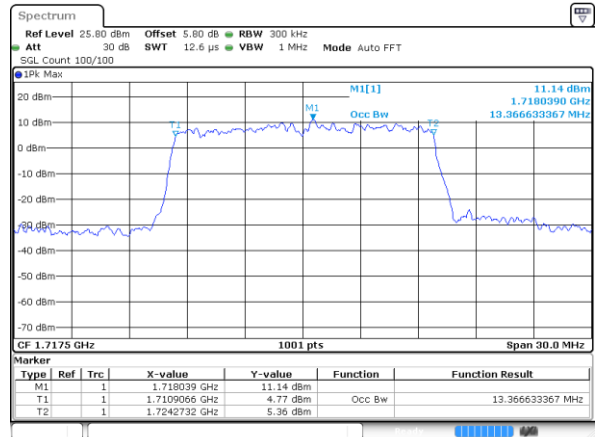


LTE Band 4

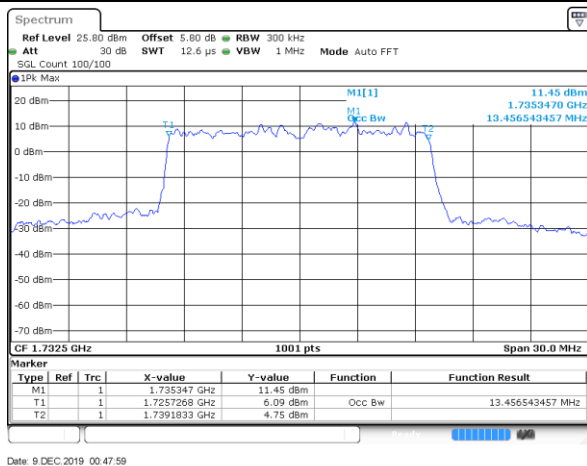
Lowest Channel / 15MHz / QPSK



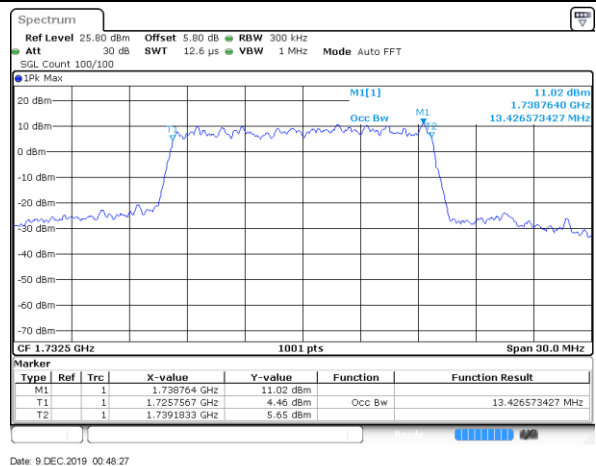
Lowest Channel / 15MHz / 16QAM



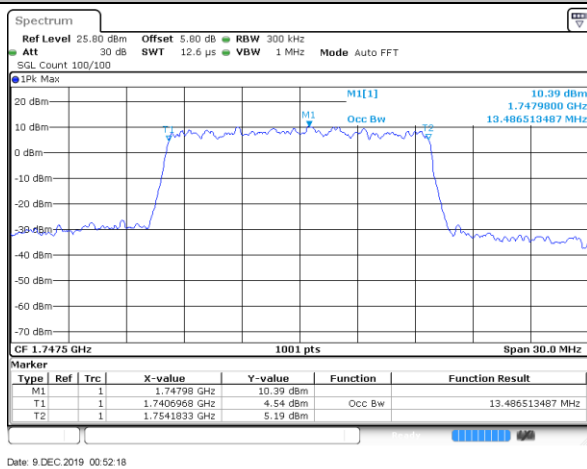
Middle Channel / 15MHz / QPSK



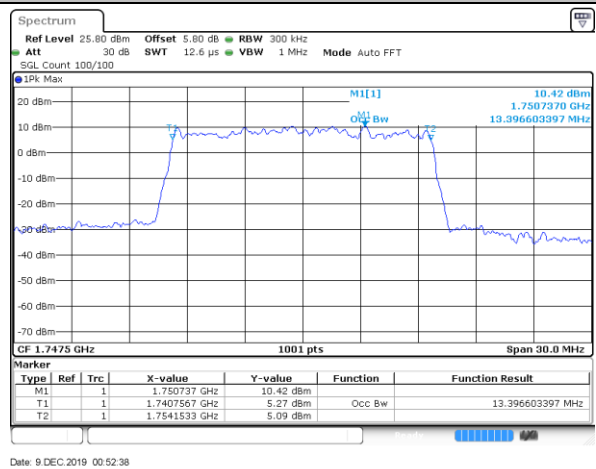
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



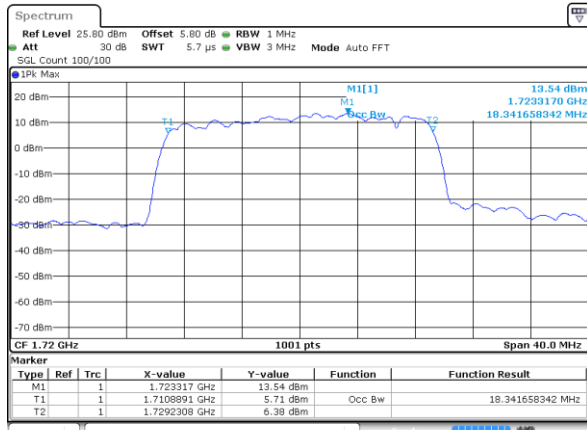
Highest Channel / 15MHz / 16QAM





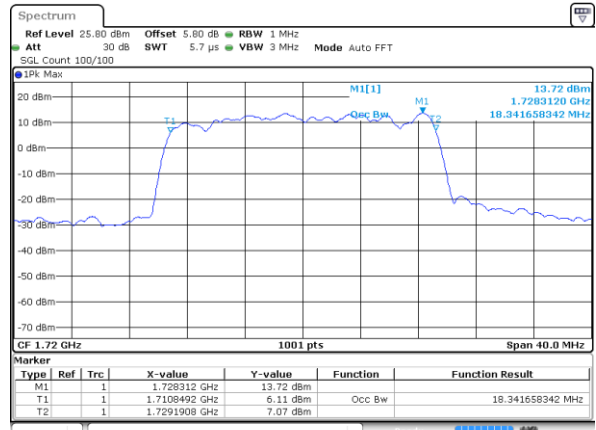
LTE Band 4

Lowest Channel / 20MHz / QPSK



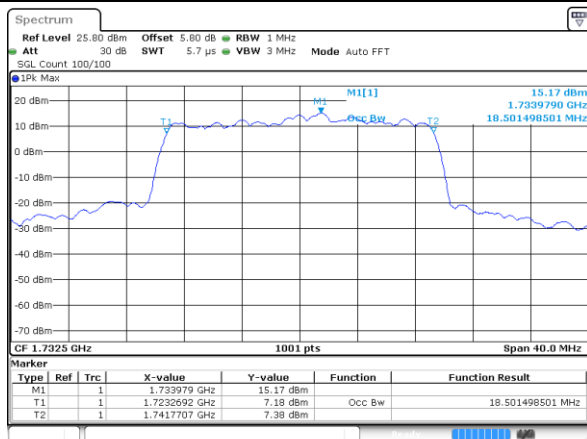
Date: 9 DEC 2019 00:59:29

Lowest Channel / 20MHz / 16QAM



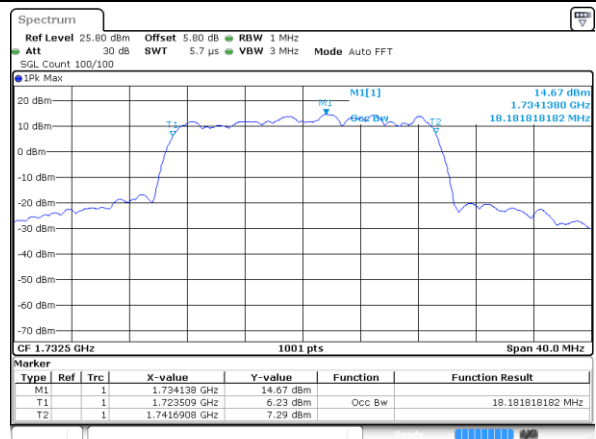
Date: 9 DEC 2019 01:00:09

Middle Channel / 20MHz / QPSK



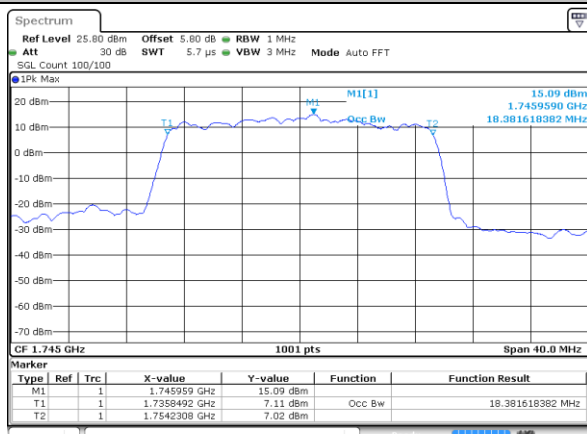
Date: 9 DEC 2019 01:05:03

Middle Channel / 20MHz / 16QAM



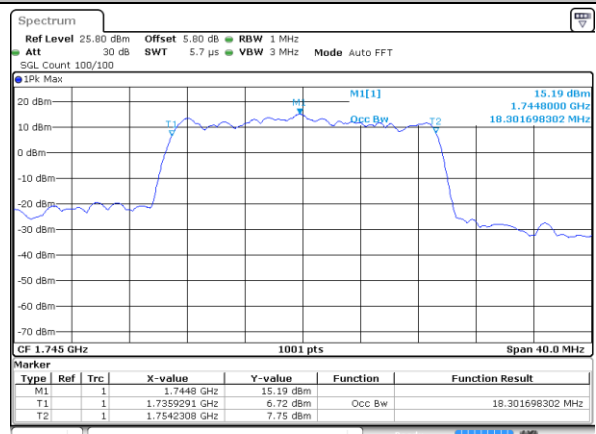
Date: 9 DEC 2019 01:05:49

Highest Channel / 20MHz / QPSK



Date: 9 DEC 2019 01:12:48

Highest Channel / 20MHz / 16QAM

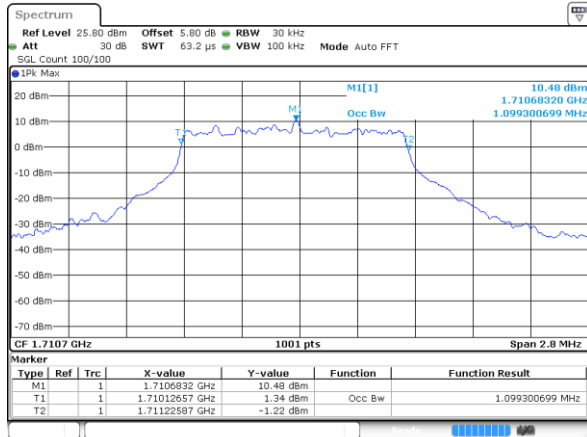


Date: 9 DEC 2019 01:13:20

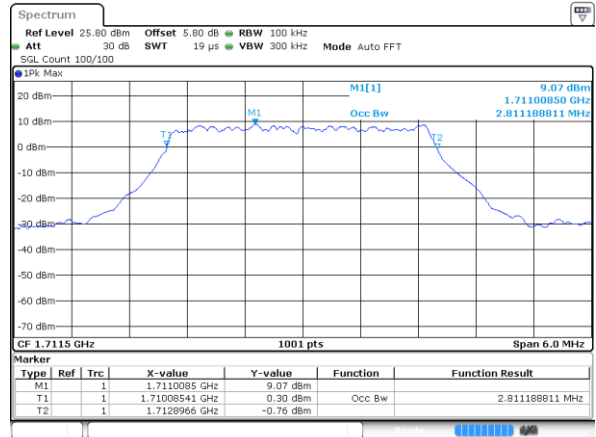


LTE Band 4

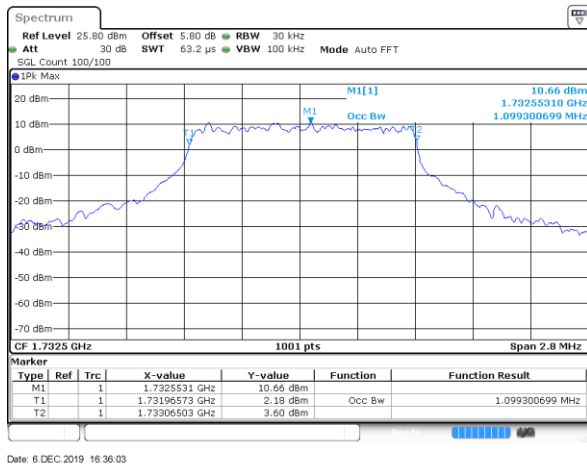
Lowest Channel / 1.4MHz / 64QAM



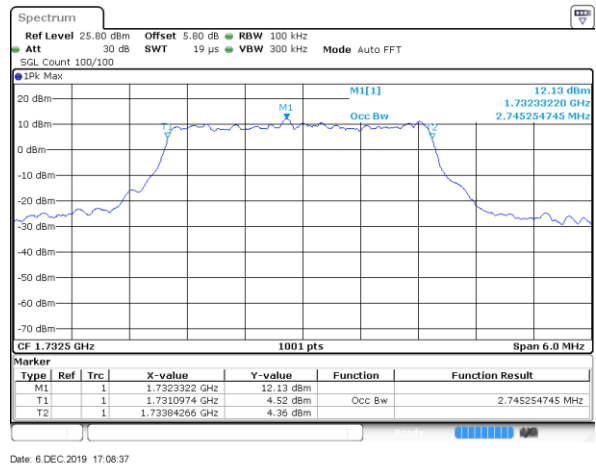
Lowest Channel / 3MHz / 64QAM



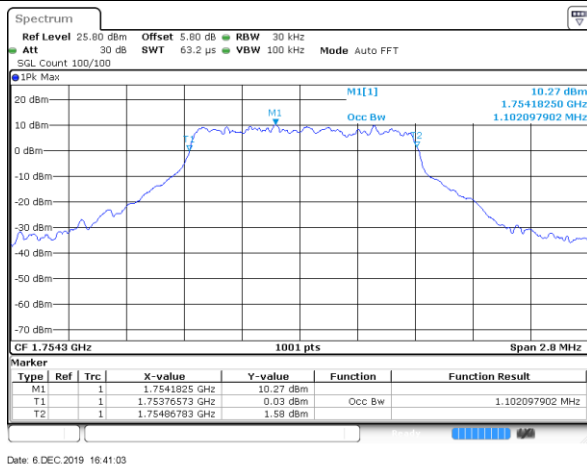
Middle Channel / 1.4MHz / 64QAM



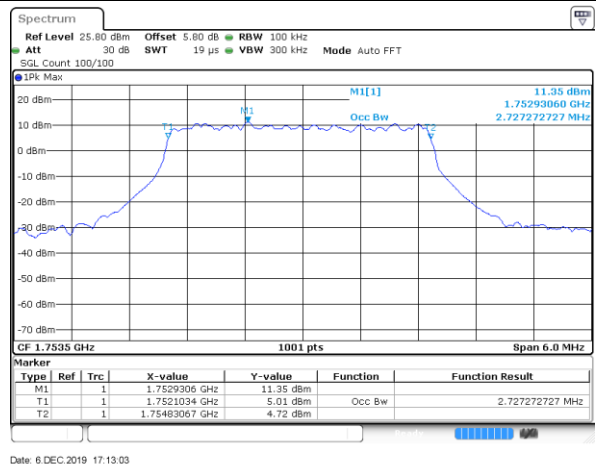
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



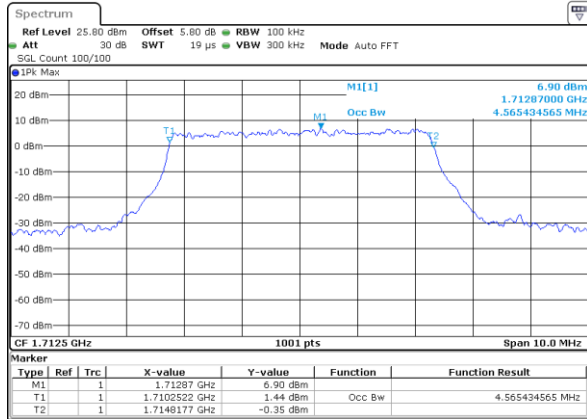
Highest Channel / 3MHz / 64QAM





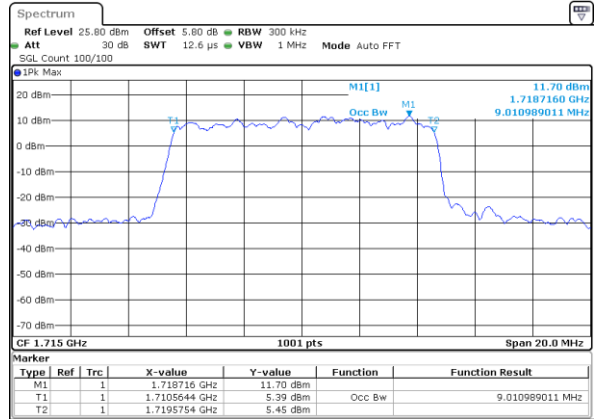
LTE Band 4

Lowest Channel / 5MHz / 64QAM



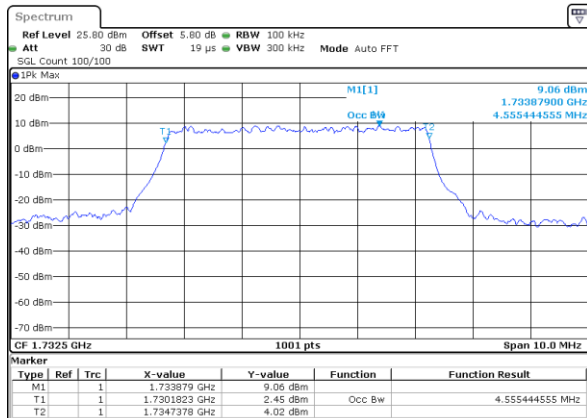
Date: 6 DEC 2019 17:18:12

Lowest Channel / 10MHz / 64QAM



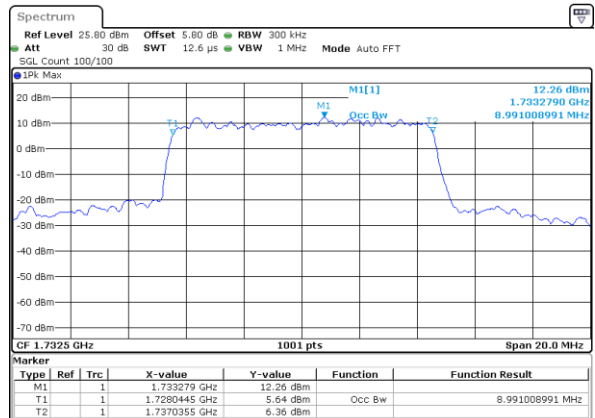
Date: 9 DEC 2019 00:15:49

Middle Channel / 5MHz / 64QAM



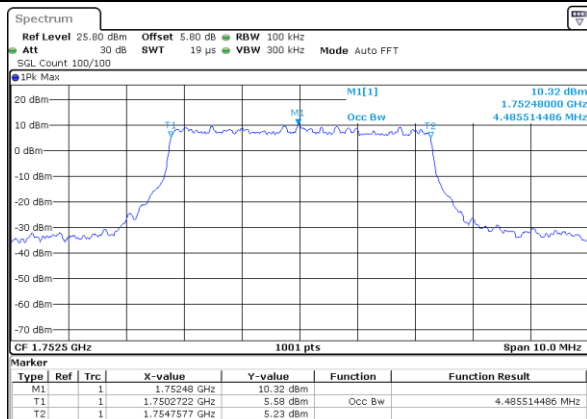
Date: 9 DEC 2019 00:06:31

Middle Channel / 10MHz / 64QAM



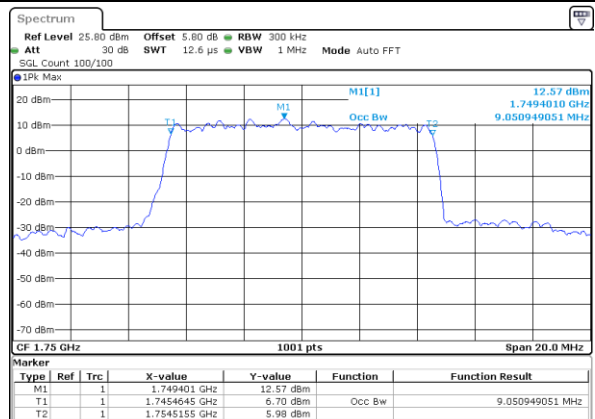
Date: 9 DEC 2019 00:20:39

Highest Channel / 5MHz / 64QAM



Date: 9 DEC 2019 00:10:50

Highest Channel / 10MHz / 64QAM

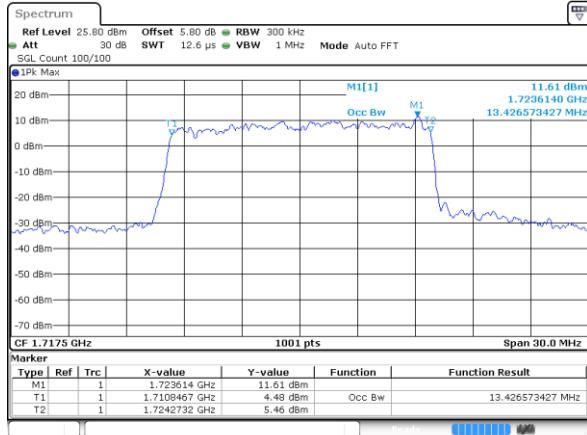


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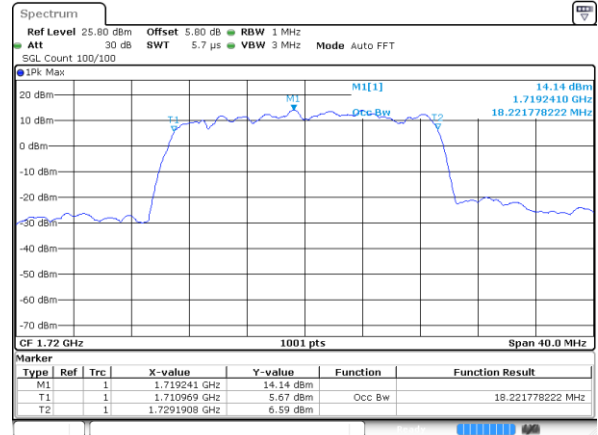


LTE Band 4

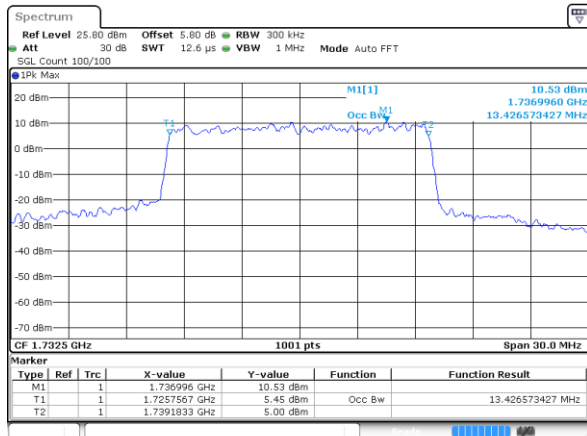
Lowest Channel / 15MHz / 64QAM



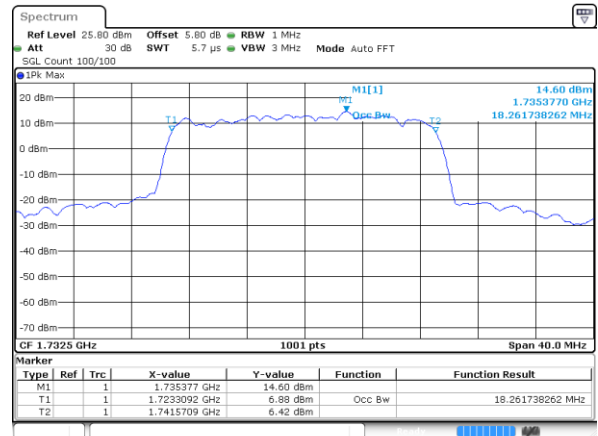
Lowest Channel / 20MHz / 64QAM



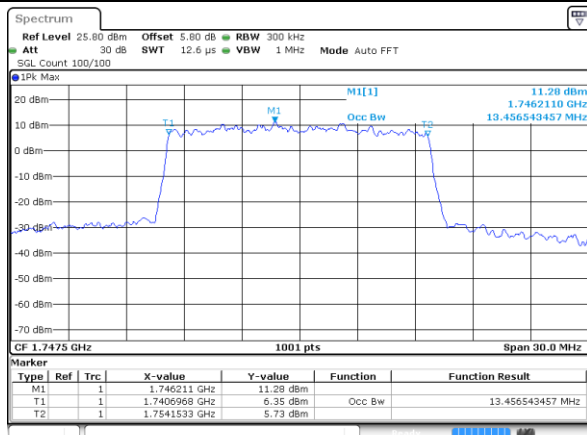
Middle Channel / 15MHz / 64QAM



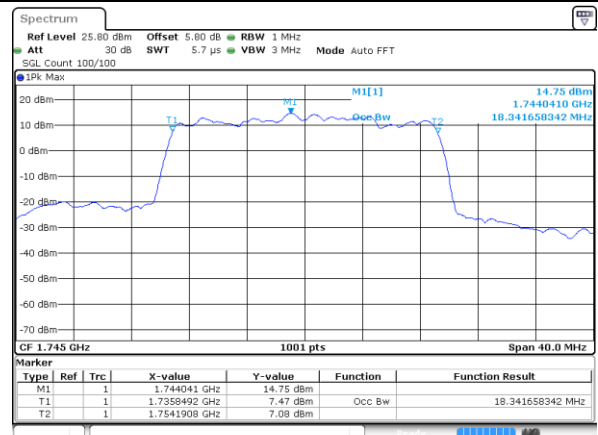
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



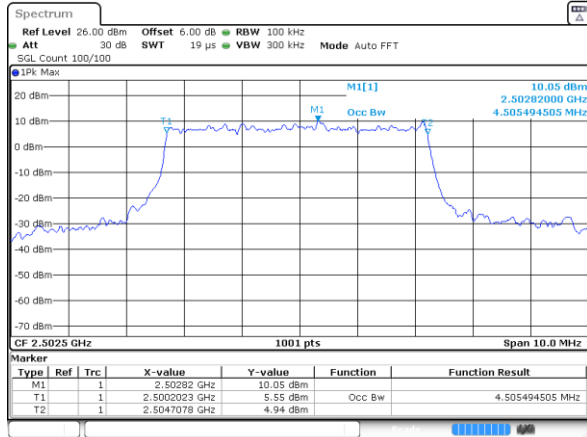
Highest Channel / 20MHz / 64QAM



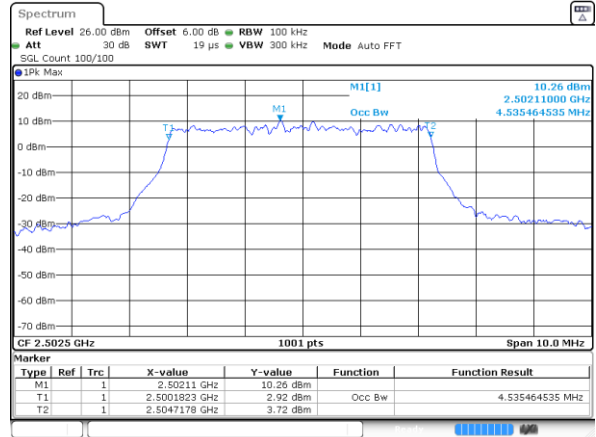


LTE Band 7

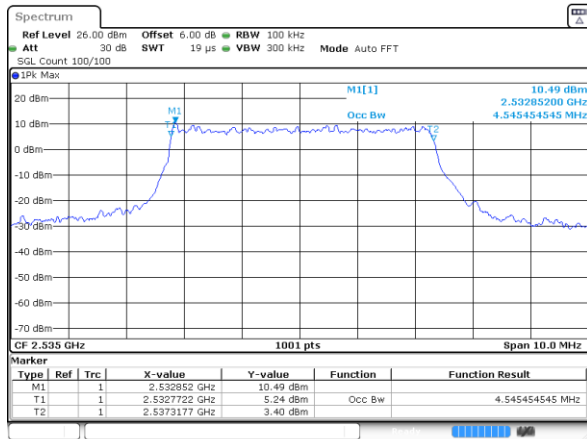
Lowest Channel / 5MHz / QPSK



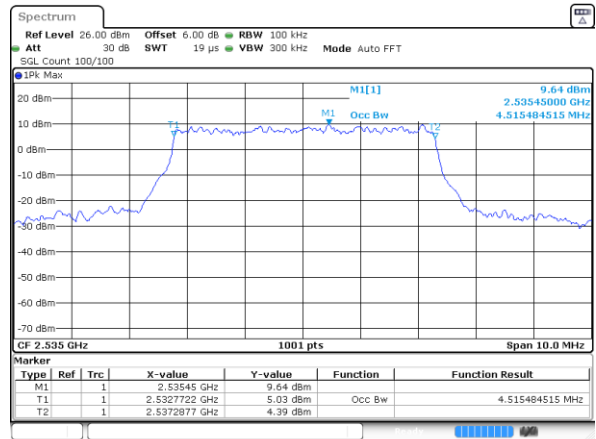
Lowest Channel / 5MHz / 16QAM



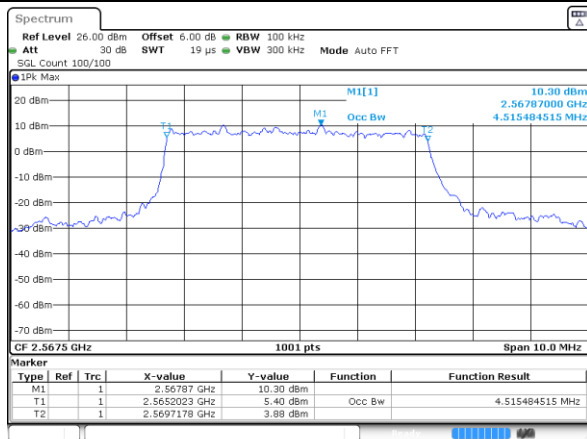
Middle Channel / 5MHz / QPSK



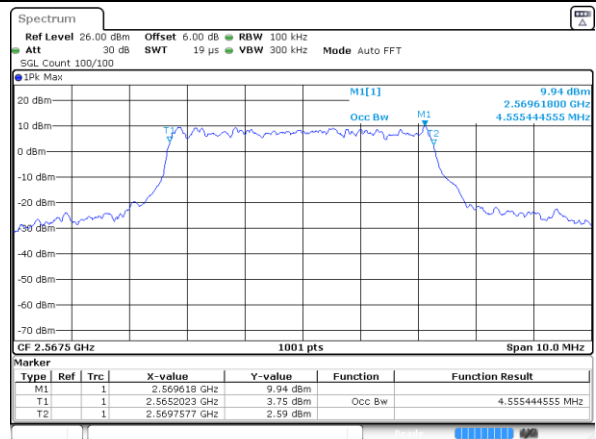
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



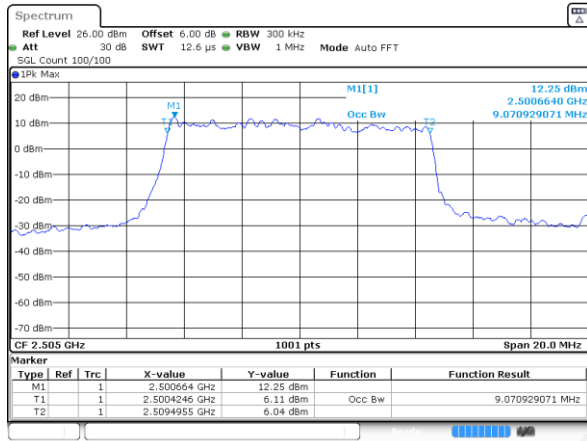
Highest Channel / 5MHz / 16QAM



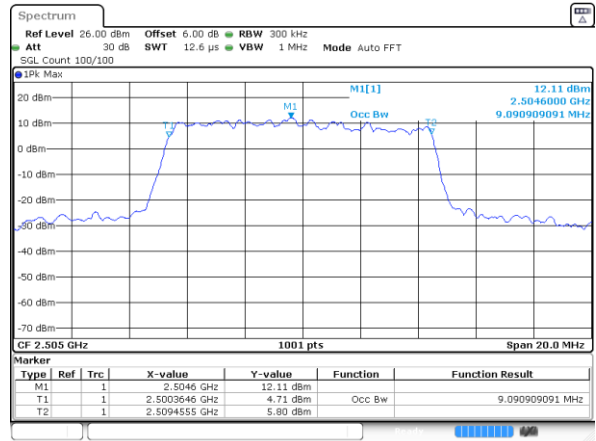


LTE Band 7

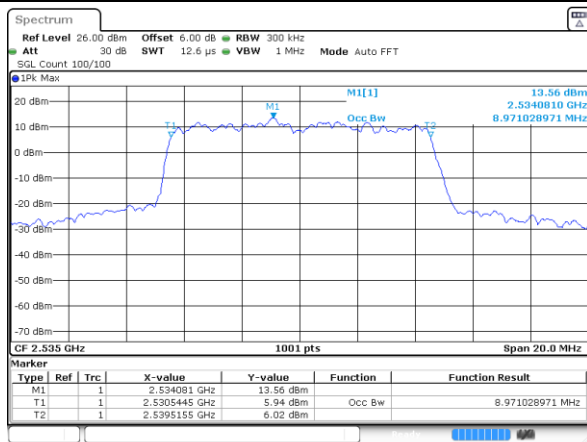
Lowest Channel / 10MHz / QPSK



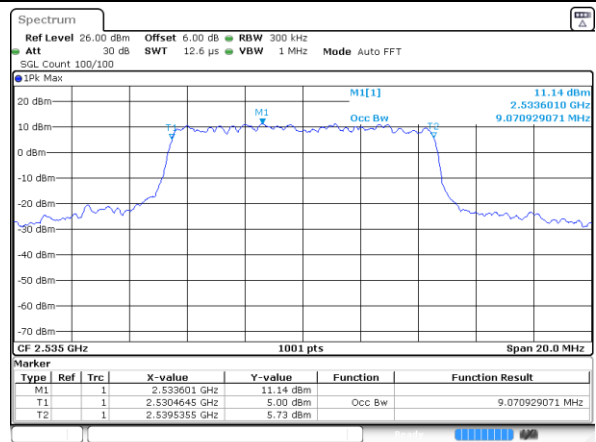
Lowest Channel / 10MHz / 16QAM



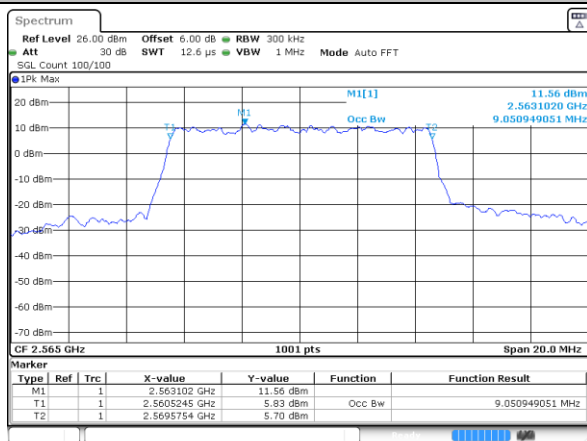
Middle Channel / 10MHz / QPSK



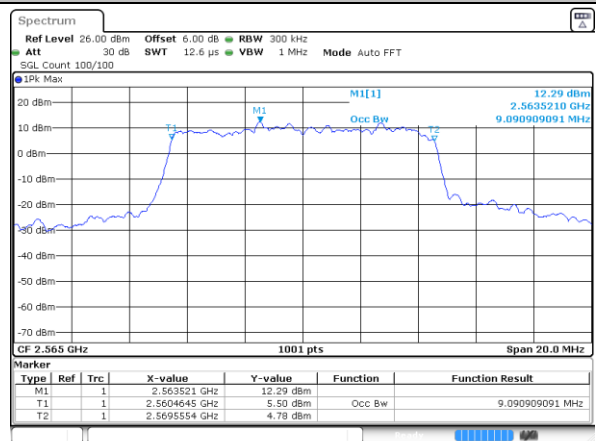
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



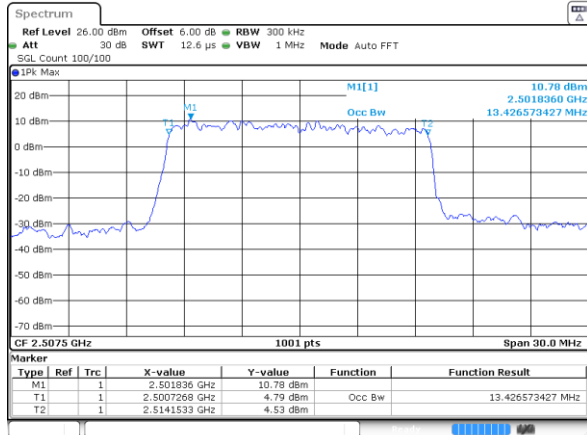
Highest Channel / 10MHz / 16QAM



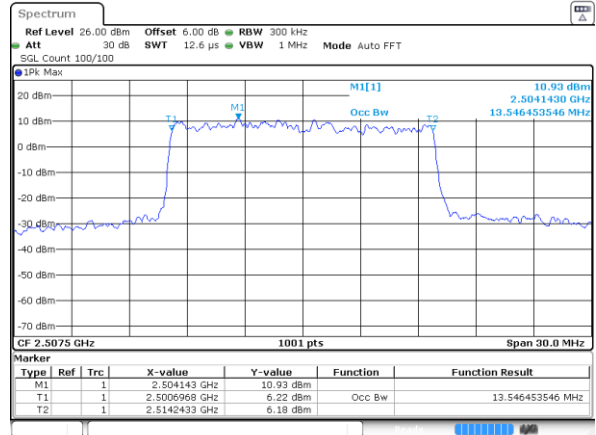


LTE Band 7

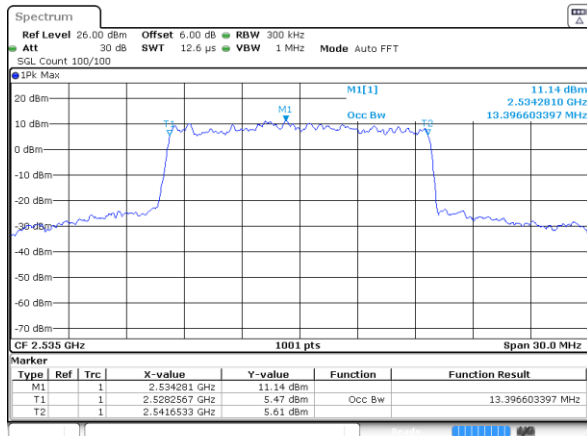
Lowest Channel / 15MHz / QPSK



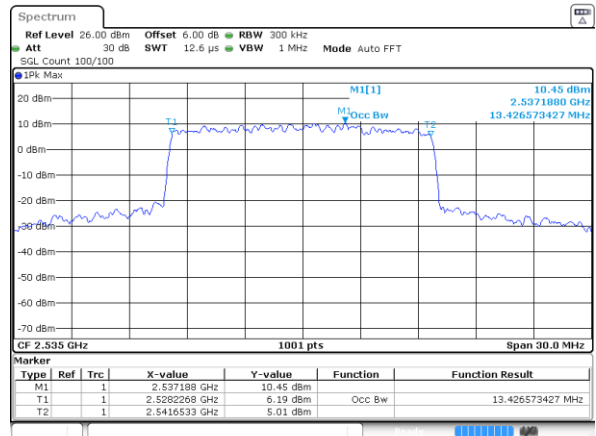
Lowest Channel / 15MHz / 16QAM



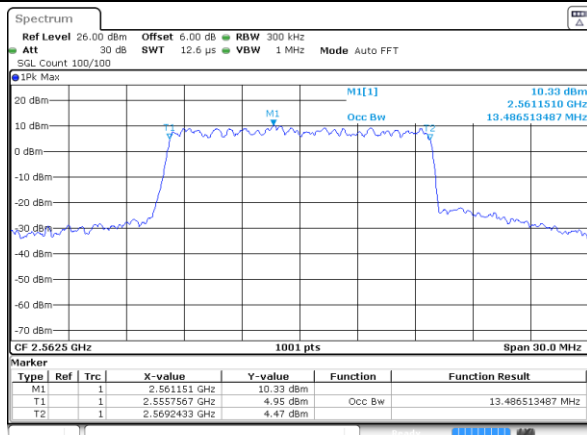
Middle Channel / 15MHz / QPSK



Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



Highest Channel / 15MHz / 16QAM

