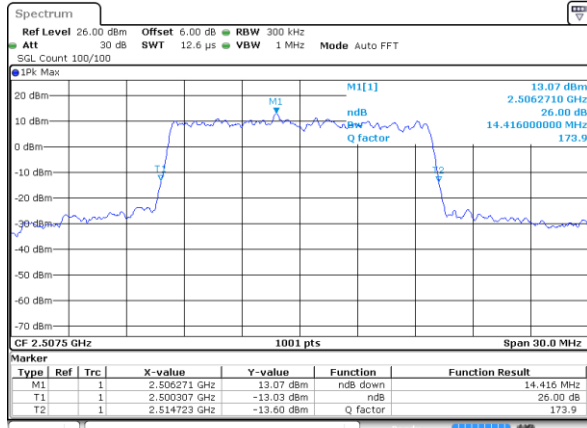




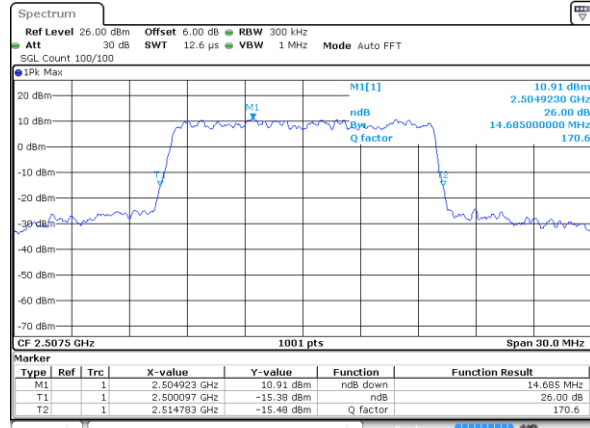
LTE Band 7

Lowest Channel / 15MHz / QPSK



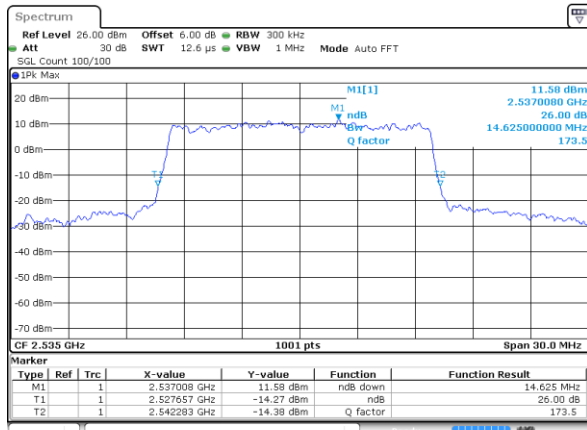
Date: 18 DEC 2019 00:00:30

Lowest Channel / 15MHz / 16QAM



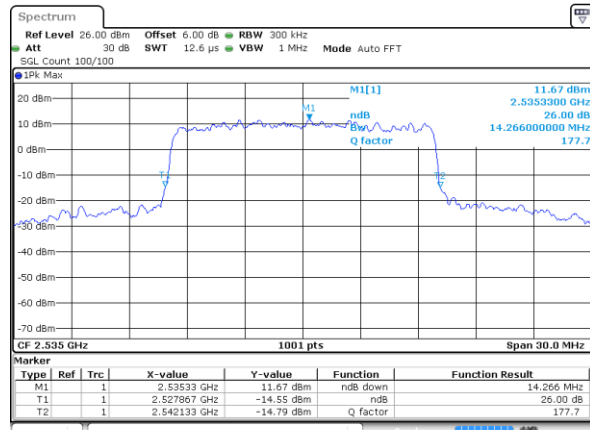
Date: 18 DEC 2019 00:02:13

Middle Channel / 15MHz / QPSK



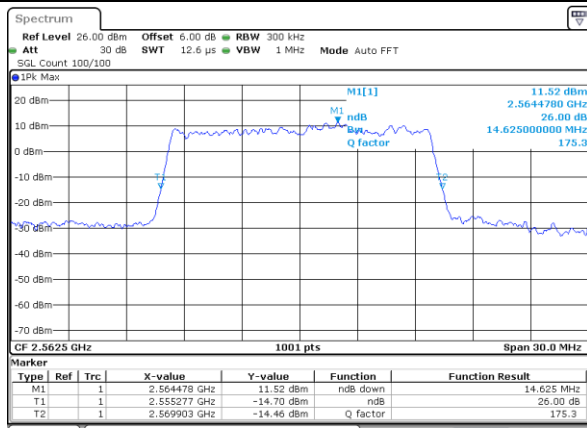
Date: 18 DEC 2019 00:27:39

Middle Channel / 15MHz / 16QAM



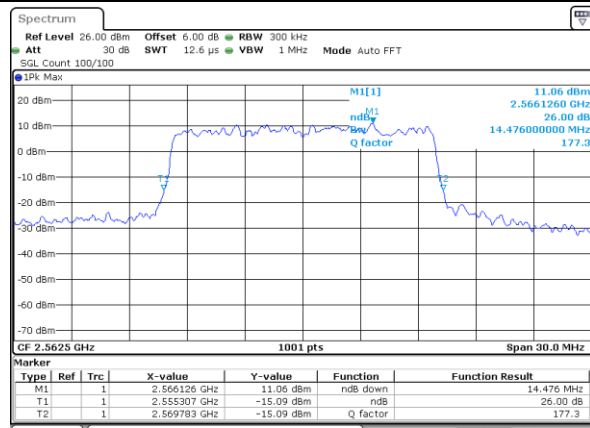
Date: 18 DEC 2019 00:27:59

Highest Channel / 15MHz / QPSK



Date: 18 DEC 2019 00:32:53

Highest Channel / 15MHz / 16QAM

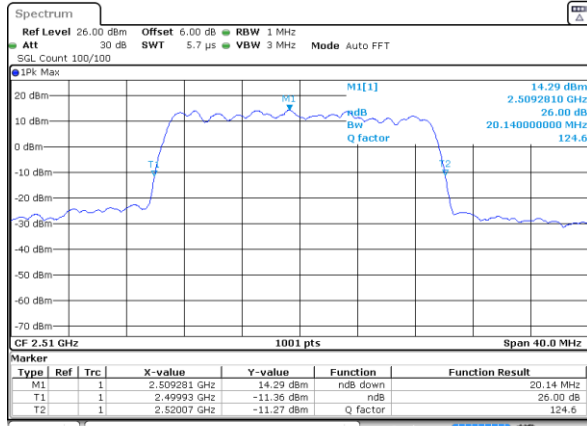


Date: 18 DEC 2019 00:33:24



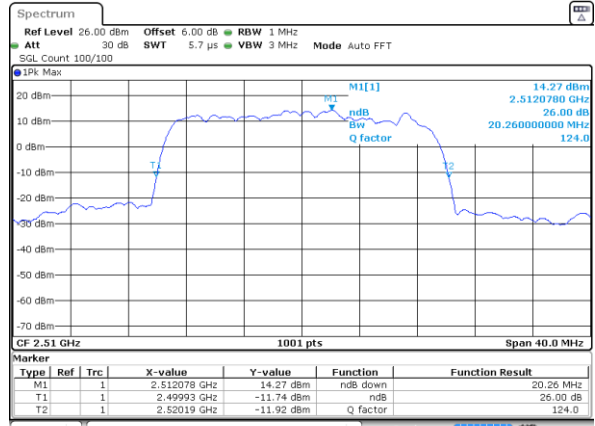
LTE Band 7

Lowest Channel / 20MHz / QPSK



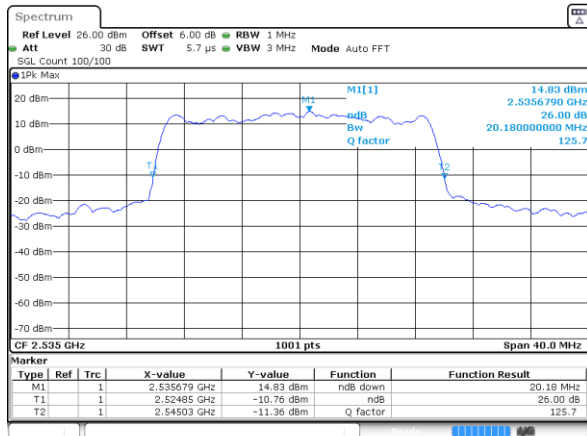
Date: 18 DEC 2019 01:33:10

Lowest Channel / 20MHz / 16QAM



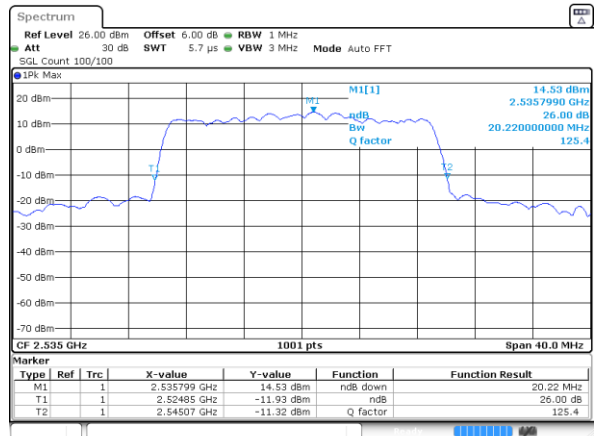
Date: 18 DEC 2019 01:42:30

Middle Channel / 20MHz / QPSK



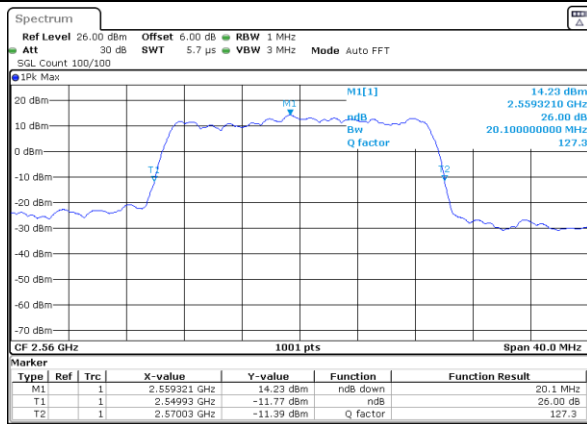
Date: 18 DEC 2019 02:02:12

Middle Channel / 20MHz / 16QAM



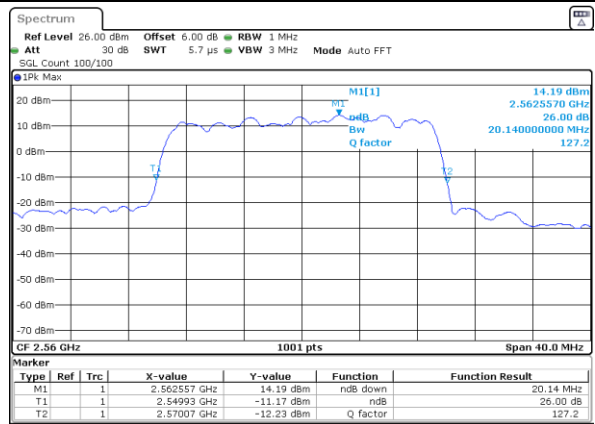
Date: 18 DEC 2019 02:02:40

Highest Channel / 20MHz / QPSK



Date: 18 DEC 2019 02:07:21

Highest Channel / 20MHz / 16QAM

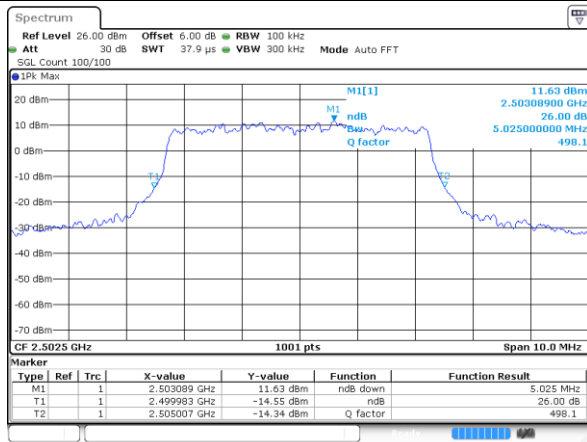


Date: 18 DEC 2019 02:08:01



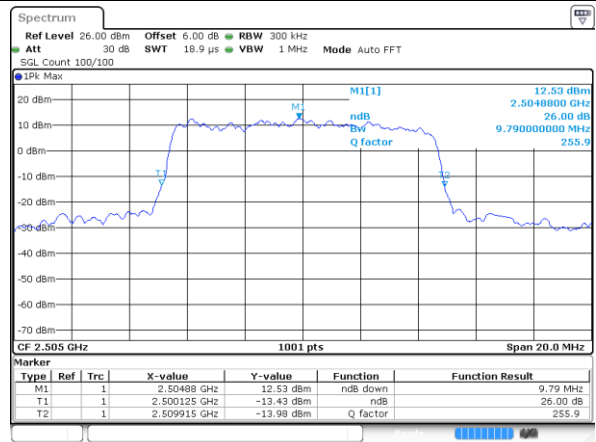
LTE Band 7

Lowest Channel / 5MHz / 64QAM



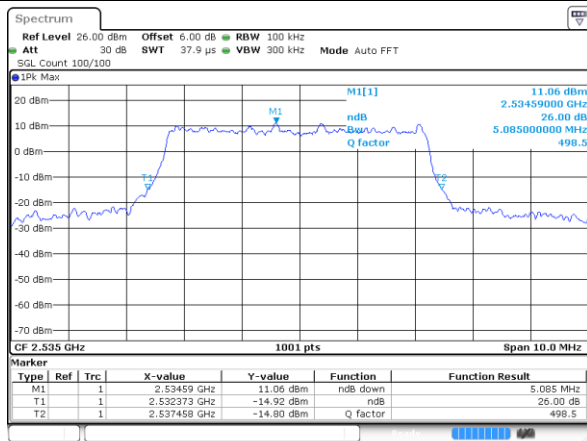
Date: 17 DEC 2019 17:06:06

Lowest Channel / 10MHz / 64QAM



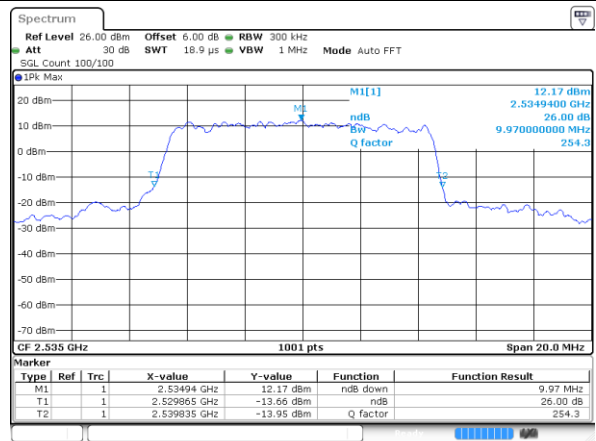
Date: 17 DEC 2019 17:27:16

Middle Channel / 5MHz / 64QAM



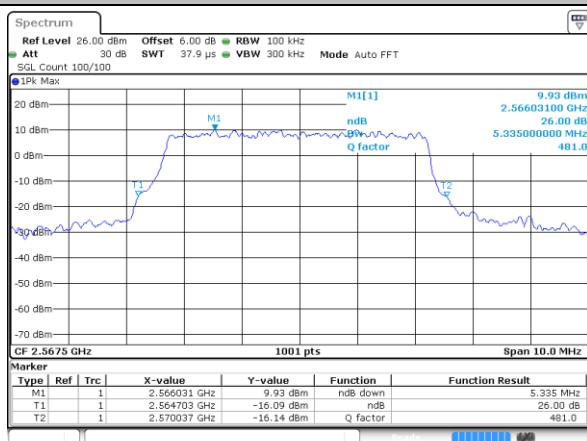
Date: 17 DEC 2019 17:12:09

Middle Channel / 10MHz / 64QAM



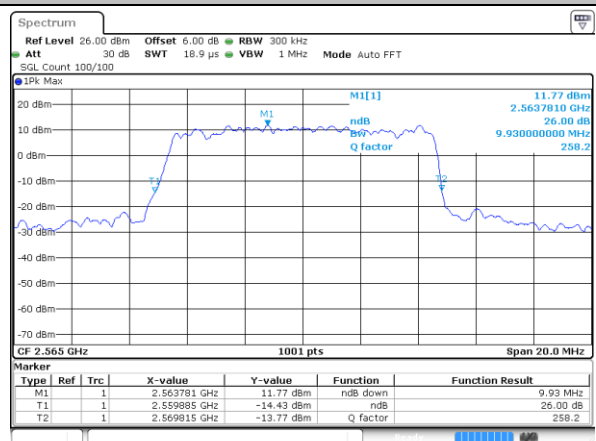
Date: 17 DEC 2019 17:33:25

Highest Channel / 5MHz / 64QAM



Date: 17 DEC 2019 17:17:36

Highest Channel / 10MHz / 64QAM

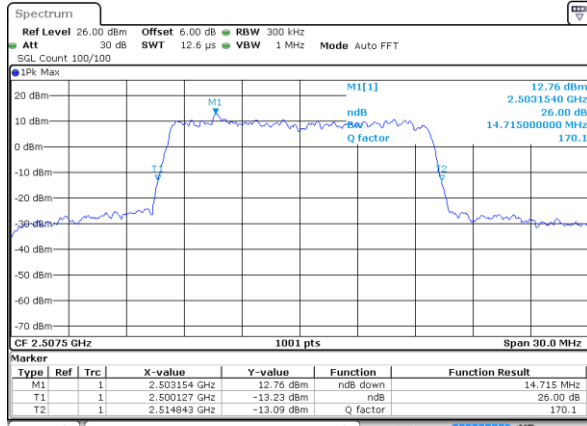


Date: 17 DEC 2019 17:38:50



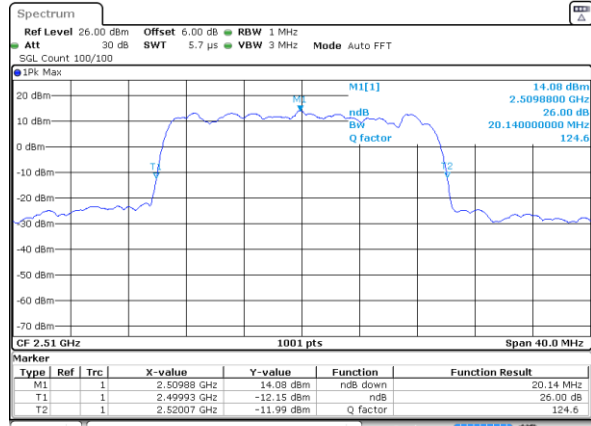
LTE Band 7

Lowest Channel / 15MHz / 64QAM



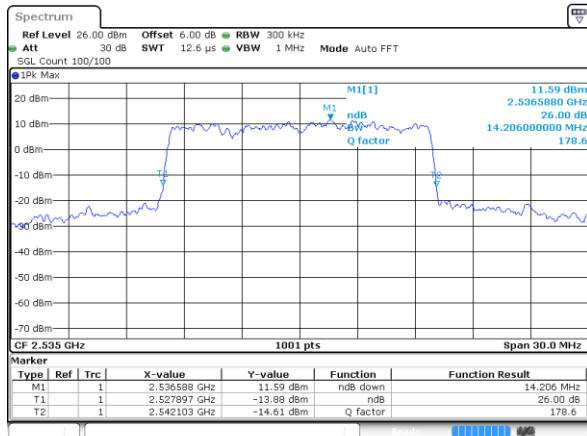
Date: 18 DEC 2019 00:02:52

Lowest Channel / 20MHz / 64QAM



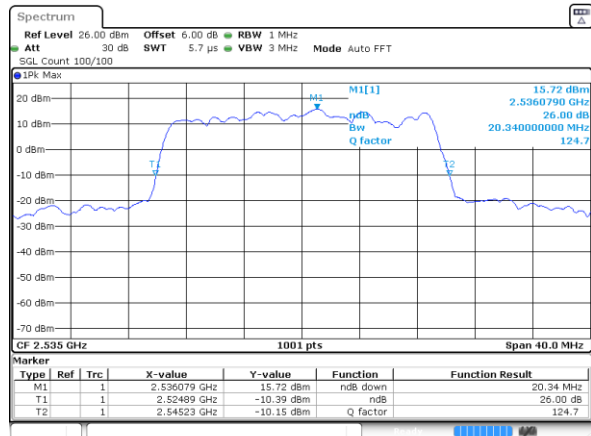
Date: 18 DEC 2019 01:43:12

Middle Channel / 15MHz / 64QAM



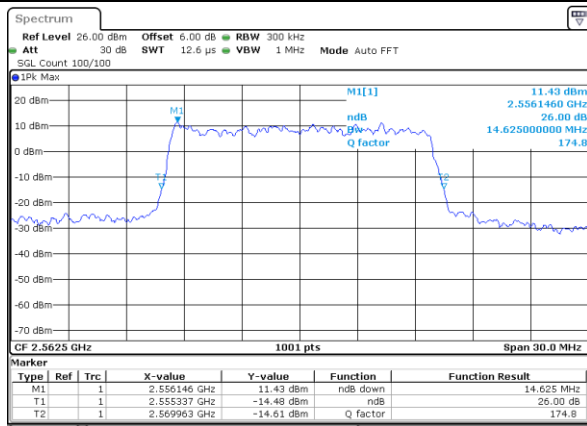
Date: 18 DEC 2019 00:28:20

Middle Channel / 20MHz / 64QAM



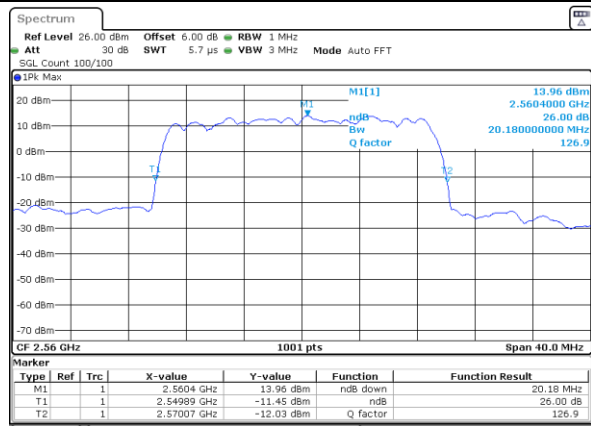
Date: 18 DEC 2019 02:03:15

Highest Channel / 15MHz / 64QAM



Date: 18 DEC 2019 00:33:56

Highest Channel / 20MHz / 64QAM

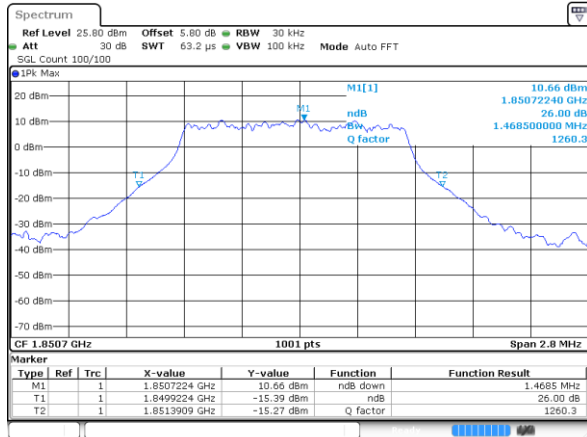


Date: 18 DEC 2019 02:08:41



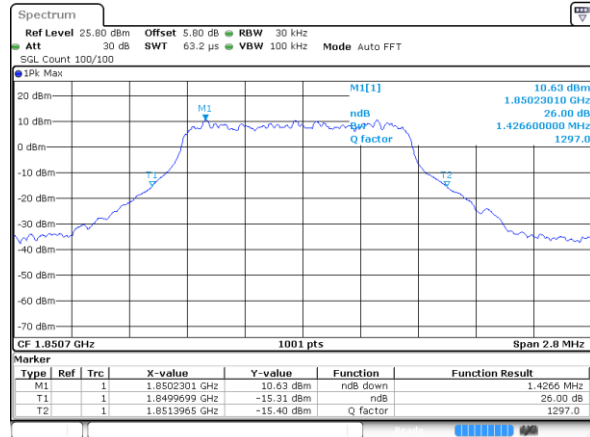
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



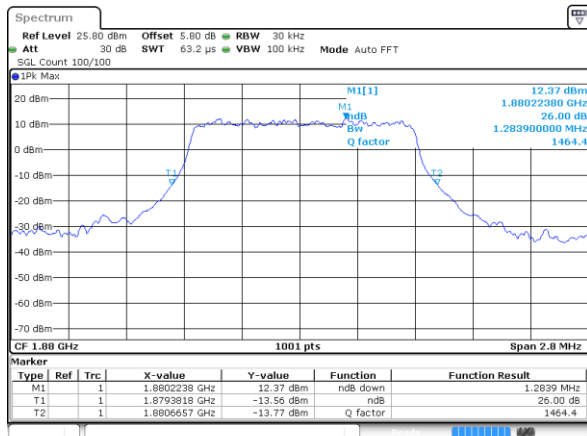
Date: 10 DEC 2019 04:52:22

Lowest Channel / 1.4MHz / 16QAM



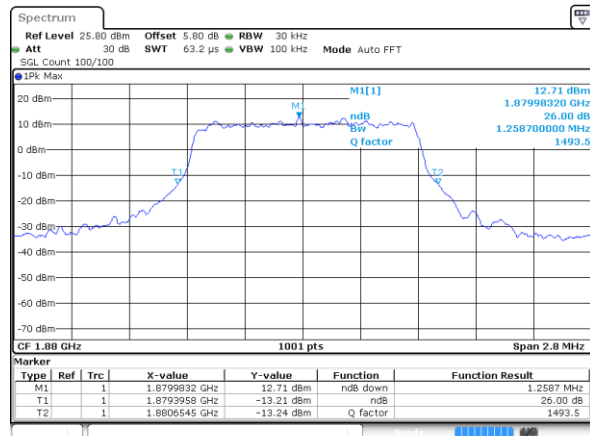
Date: 10 DEC 2019 04:52:43

Middle Channel / 1.4MHz / QPSK



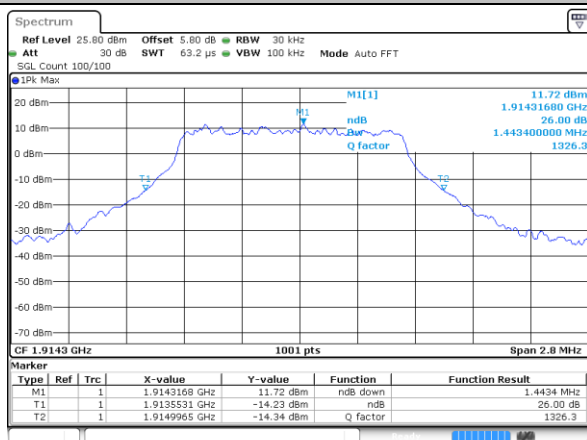
Date: 10 DEC 2019 04:57:05

Middle Channel / 1.4MHz / 16QAM



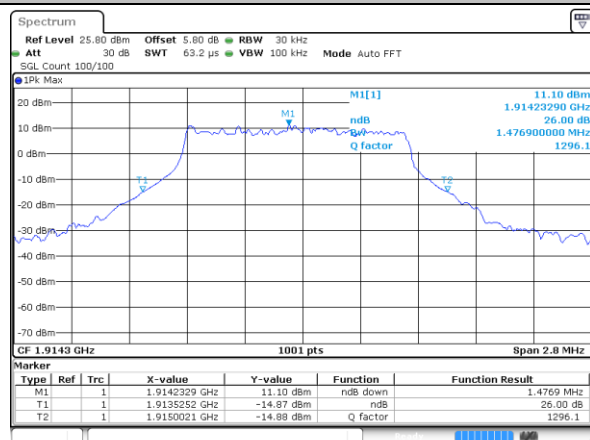
Date: 10 DEC 2019 04:57:24

Highest Channel / 1.4MHz / QPSK



Date: 10 DEC 2019 05:05:06

Highest Channel / 1.4MHz / 16QAM

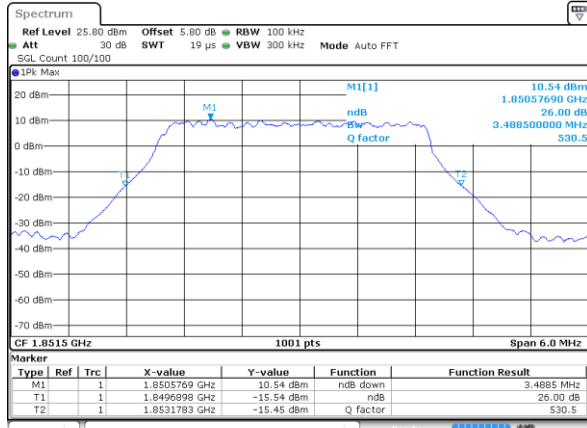


Date: 10 DEC 2019 05:05:50



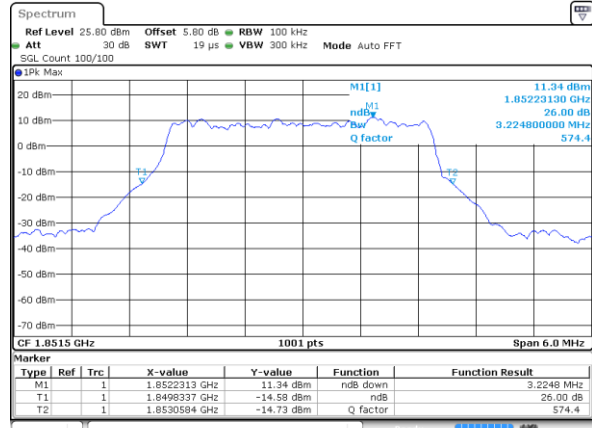
LTE Band 25

Lowest Channel / 3MHz / QPSK



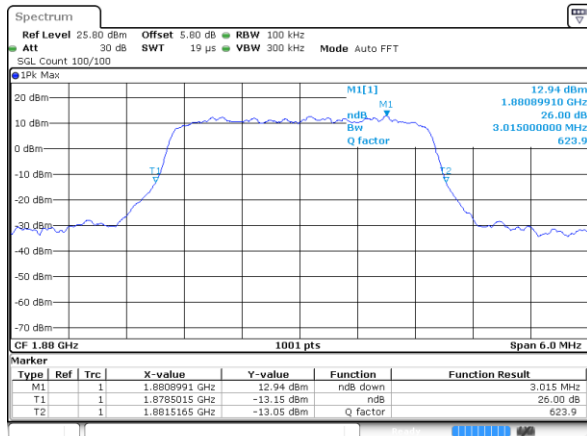
Date: 10 DEC 2019 05:20:23

Lowest Channel / 3MHz / 16QAM



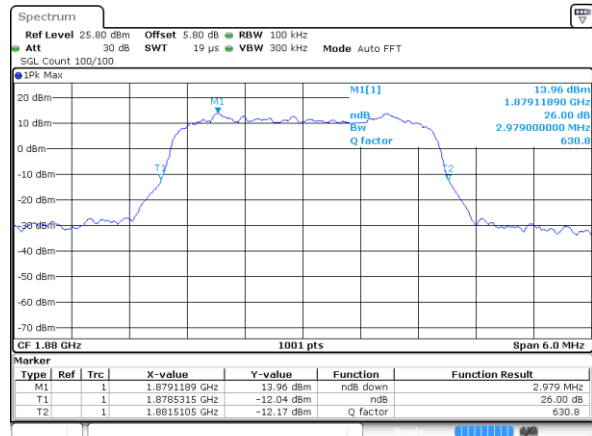
Date: 10 DEC 2019 05:20:50

Middle Channel / 3MHz / QPSK



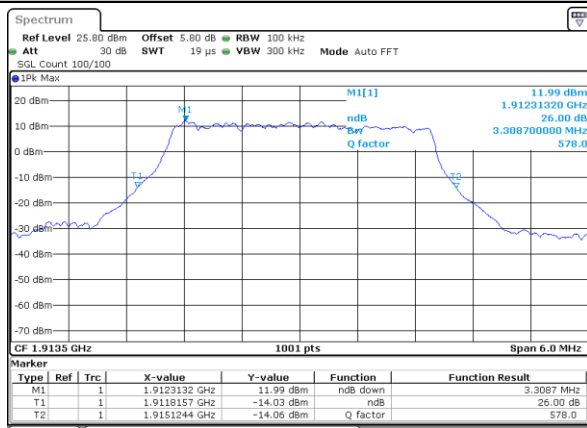
Date: 10 DEC 2019 05:25:14

Middle Channel / 3MHz / 16QAM



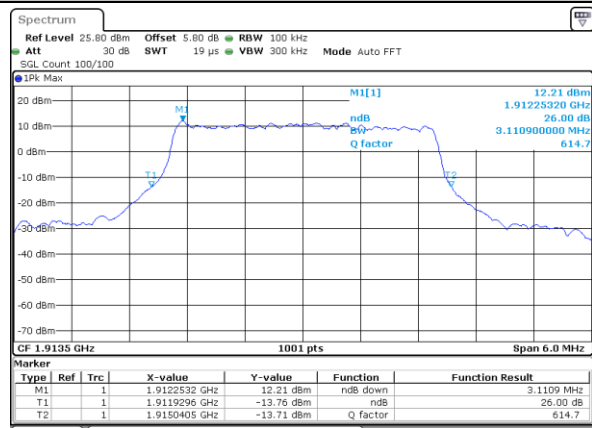
Date: 10 DEC 2019 05:25:57

Highest Channel / 3MHz / QPSK



Date: 10 DEC 2019 05:25:35

Highest Channel / 3MHz / 16QAM

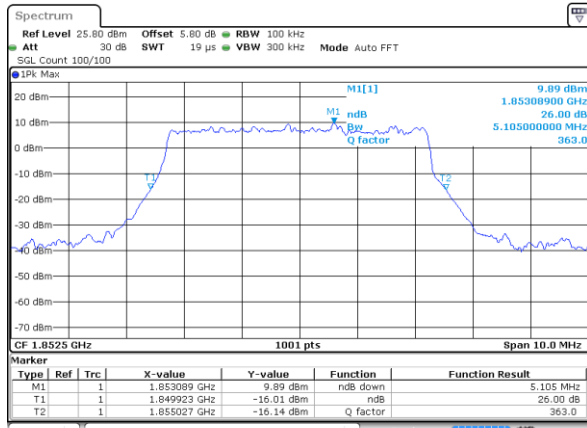


Date: 10 DEC 2019 05:25:54



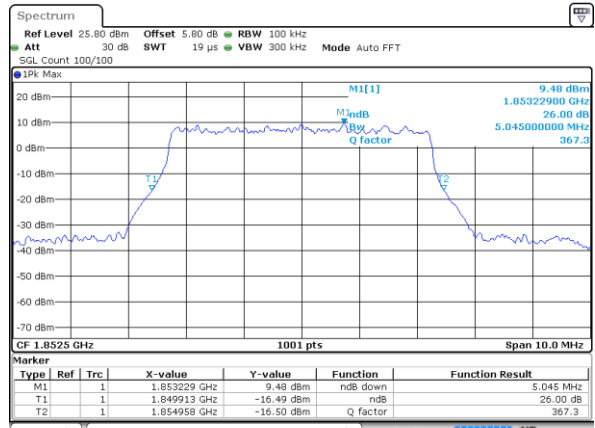
LTE Band 25

Lowest Channel / 5MHz / QPSK



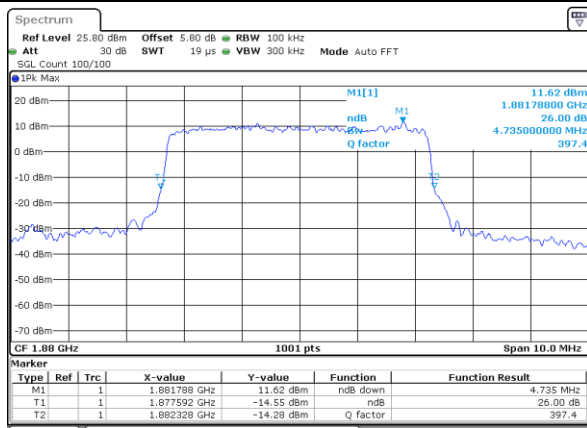
Date: 10 DEC 2019 05:33:48

Lowest Channel / 5MHz / 16QAM



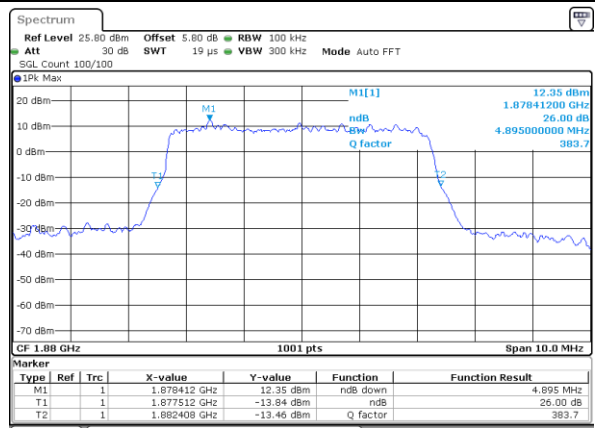
Date: 10 DEC 2019 05:34:09

Middle Channel / 5MHz / QPSK



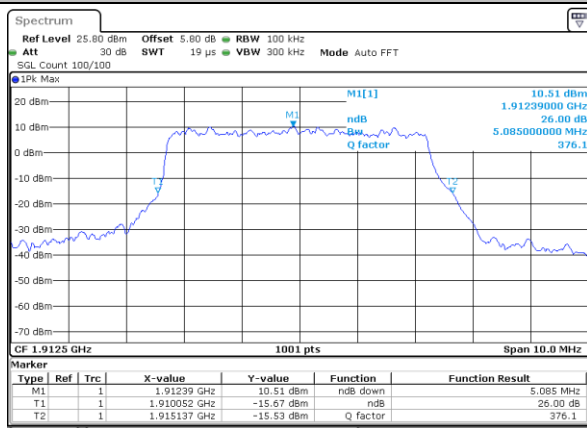
Date: 10 DEC 2019 05:37:35

Middle Channel / 5MHz / 16QAM



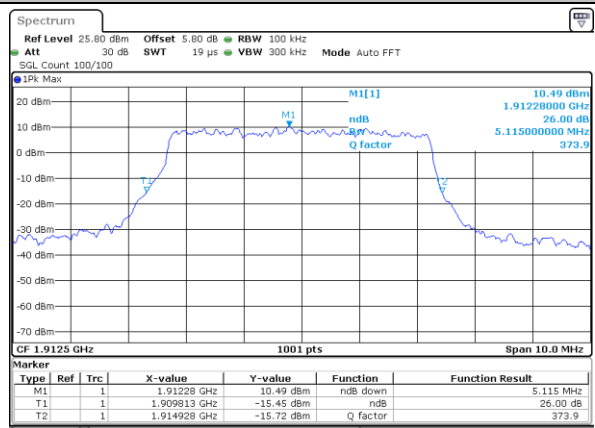
Date: 10 DEC 2019 05:37:54

Highest Channel / 5MHz / QPSK



Date: 10 DEC 2019 05:41:29

Highest Channel / 5MHz / 16QAM

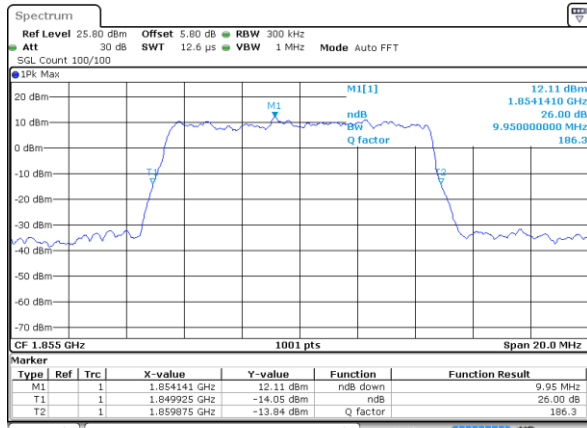


Date: 10 DEC 2019 05:41:47



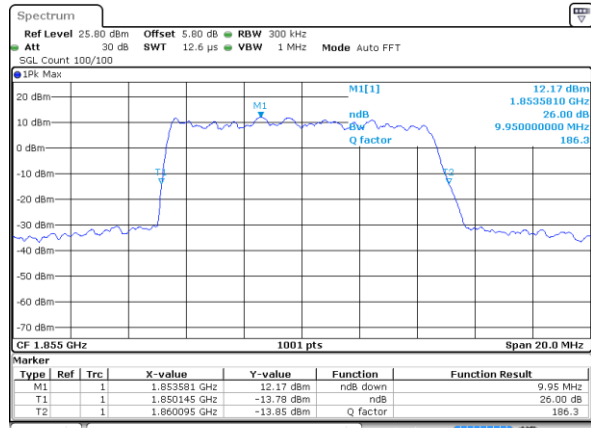
LTE Band 25

Lowest Channel / 10MHz / QPSK



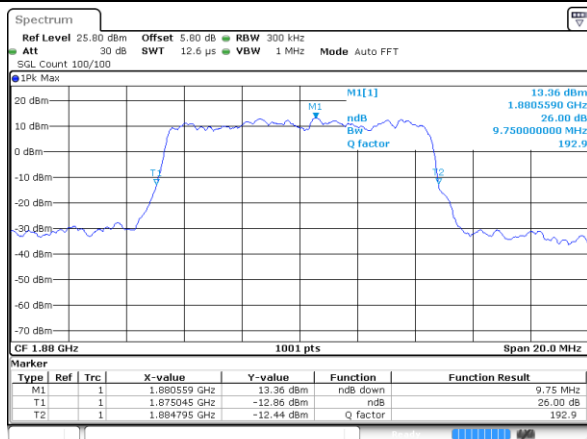
Date: 10 DEC 2019 05:48:02

Lowest Channel / 10MHz / 16QAM



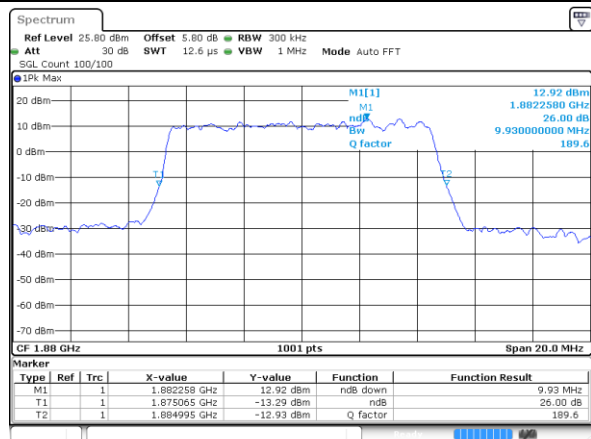
Date: 10 DEC 2019 05:48:15

Middle Channel / 10MHz / QPSK



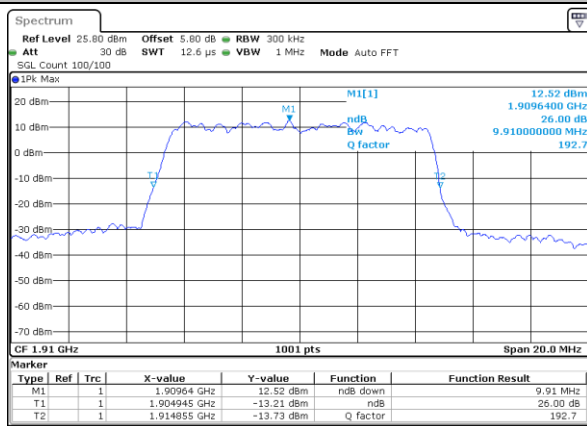
Date: 10 DEC 2019 05:52:14

Middle Channel / 10MHz / 16QAM



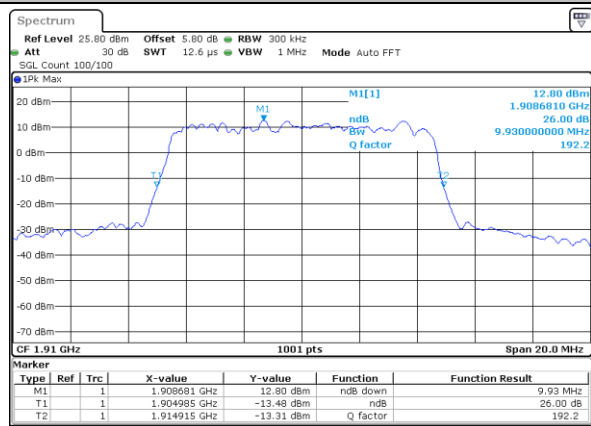
Date: 10 DEC 2019 05:52:32

Highest Channel / 10MHz / QPSK



Date: 10 DEC 2019 05:56:47

Highest Channel / 10MHz / 16QAM

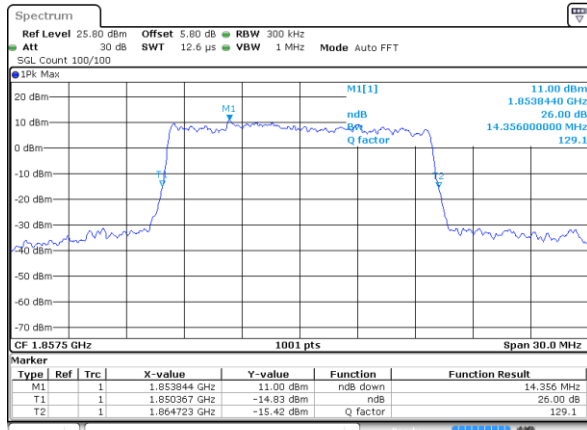


Date: 10 DEC 2019 05:57:05



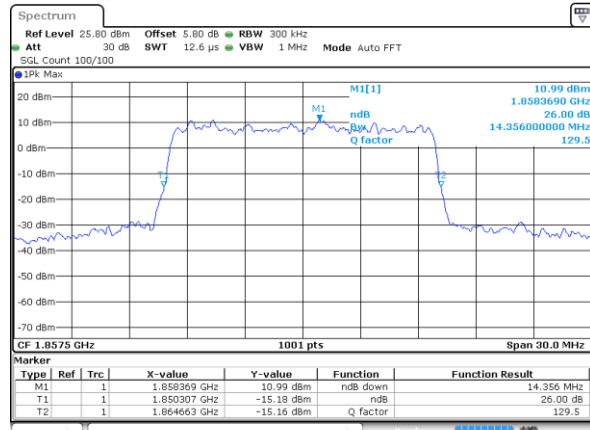
LTE Band 25

Lowest Channel / 15MHz / QPSK



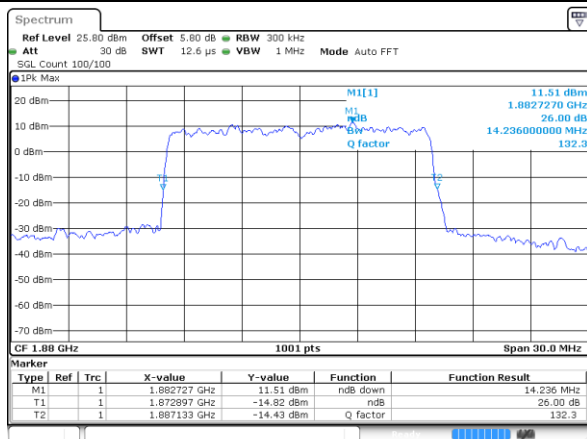
Date: 10 DEC 2019 06:37:08

Lowest Channel / 15MHz / 16QAM



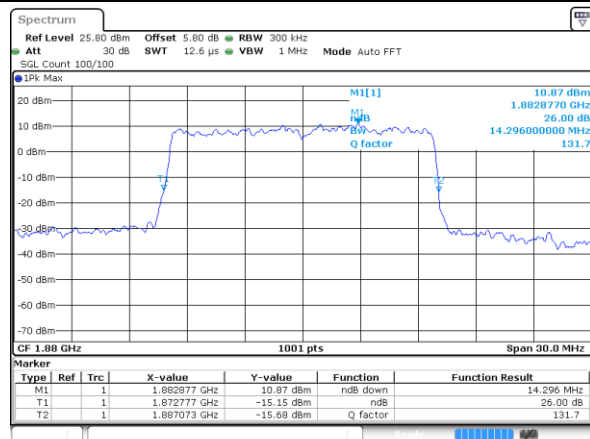
Date: 10 DEC 2019 06:37:27

Middle Channel / 15MHz / QPSK



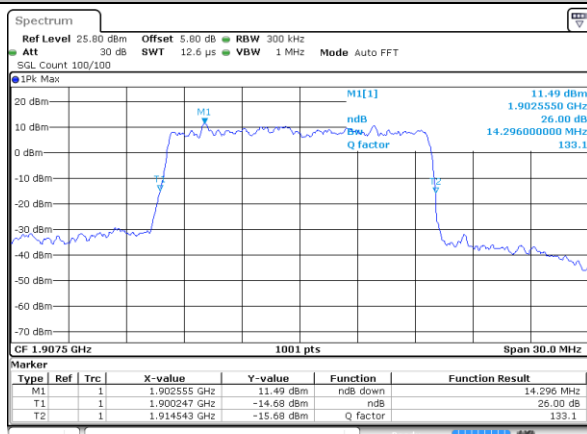
Date: 10 DEC 2019 06:42:38

Middle Channel / 15MHz / 16QAM



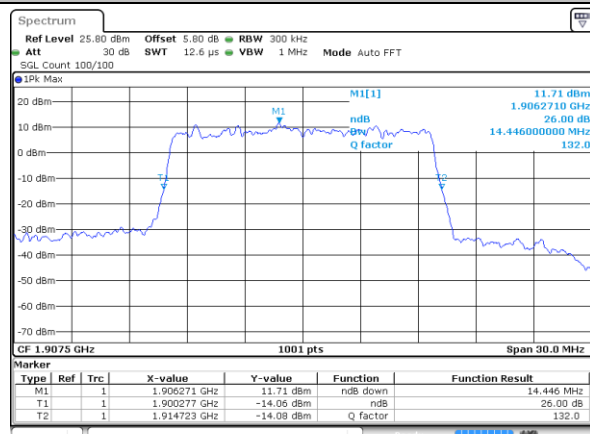
Date: 10 DEC 2019 06:42:53

Highest Channel / 15MHz / QPSK



Date: 10 DEC 2019 06:45:47

Highest Channel / 15MHz / 16QAM

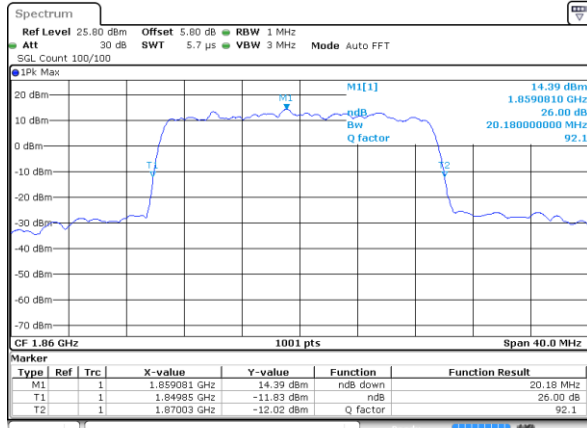


Date: 10 DEC 2019 06:46:01

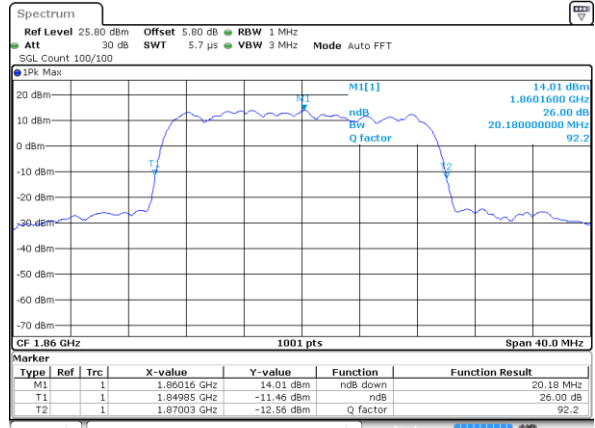


LTE Band 25

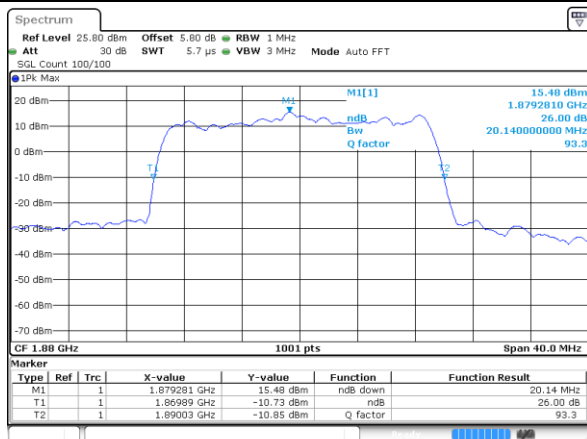
Lowest Channel / 20MHz / QPSK



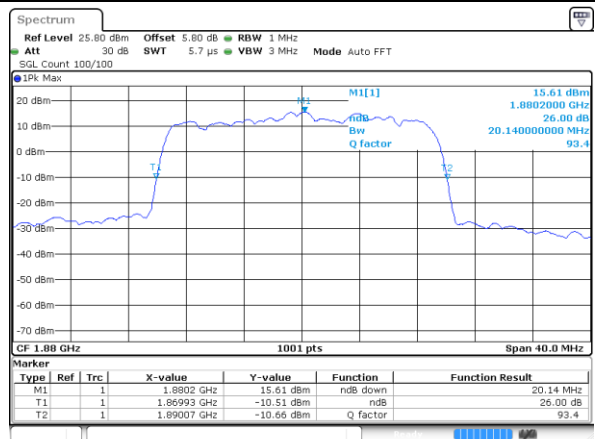
Lowest Channel / 20MHz / 16QAM



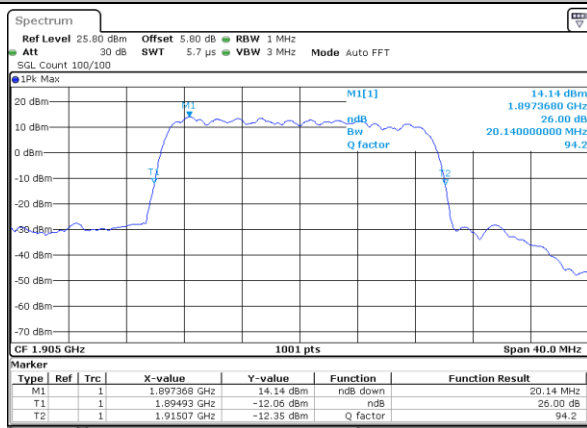
Middle Channel / 20MHz / QPSK



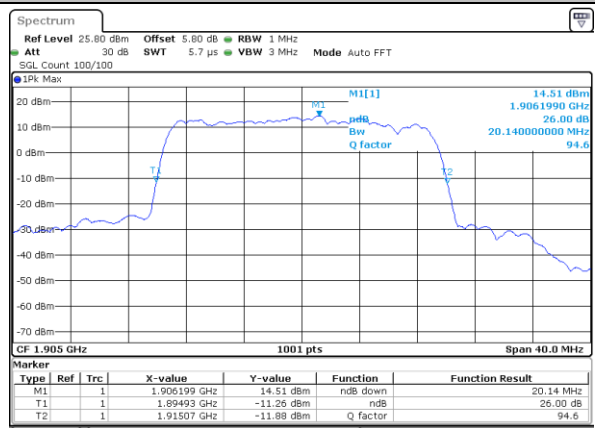
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



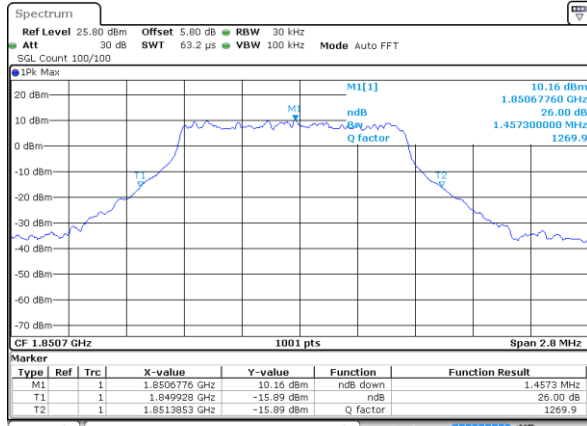
Highest Channel / 20MHz / 16QAM



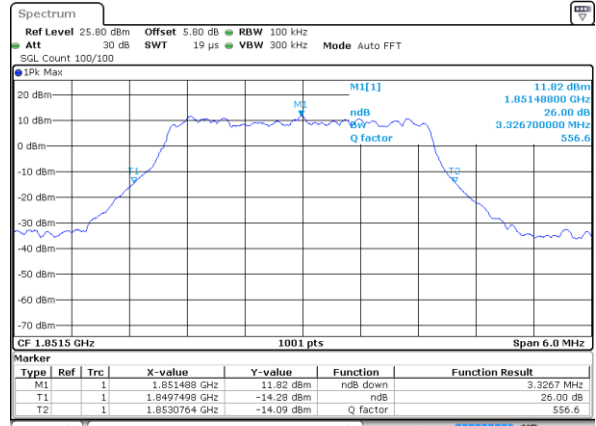


LTE Band 25

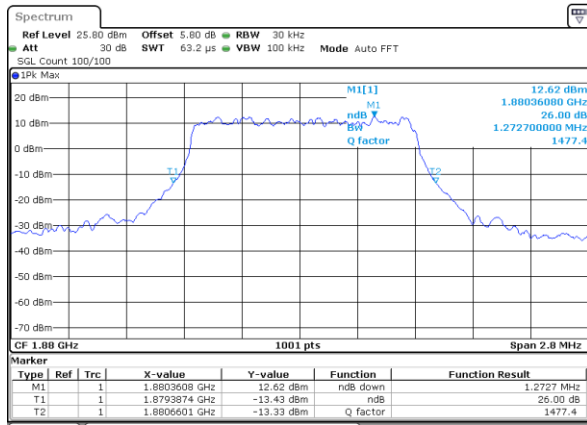
Lowest Channel / 1.4MHz / 64QAM



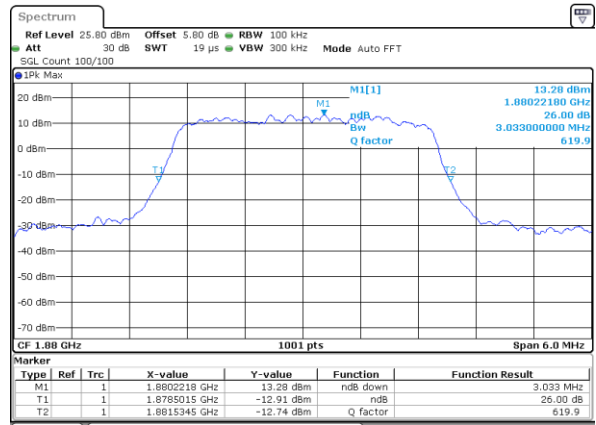
Lowest Channel / 3MHz / 64QAM



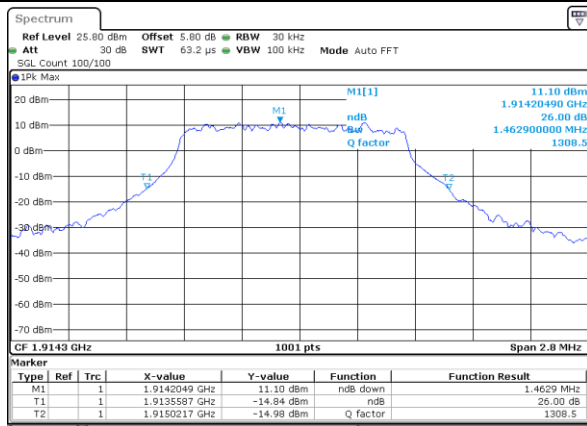
Middle Channel / 1.4MHz / 64QAM



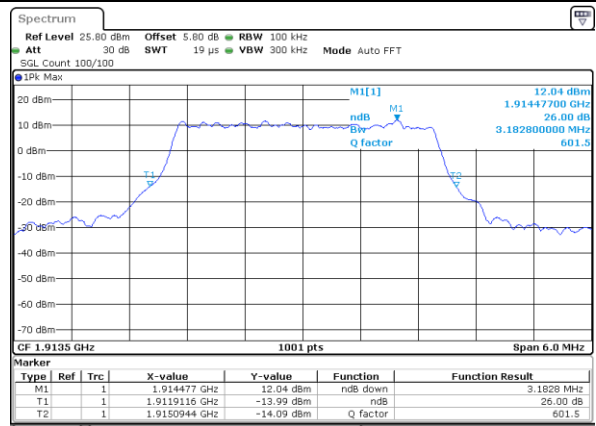
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



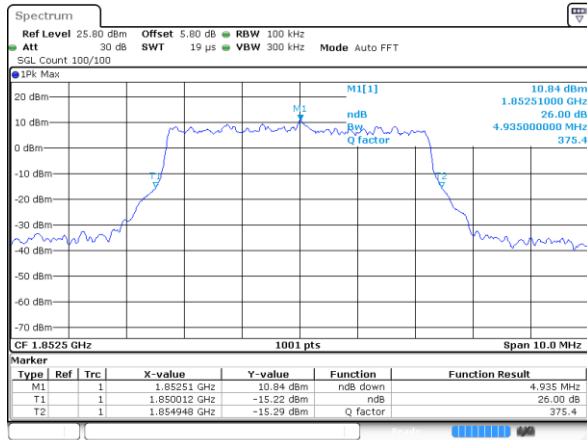
Highest Channel / 3MHz / 64QAM





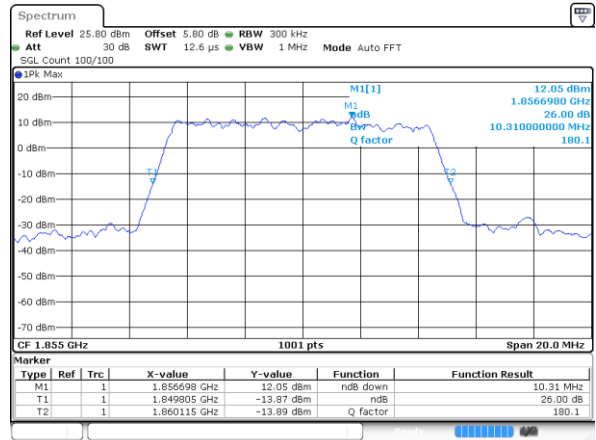
LTE Band 25

Lowest Channel / 5MHz / 64QAM



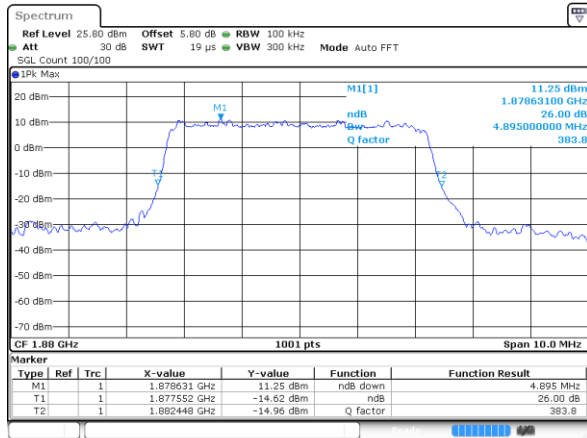
Date: 10 DEC 2019 05:34:29

Lowest Channel / 10MHz / 64QAM



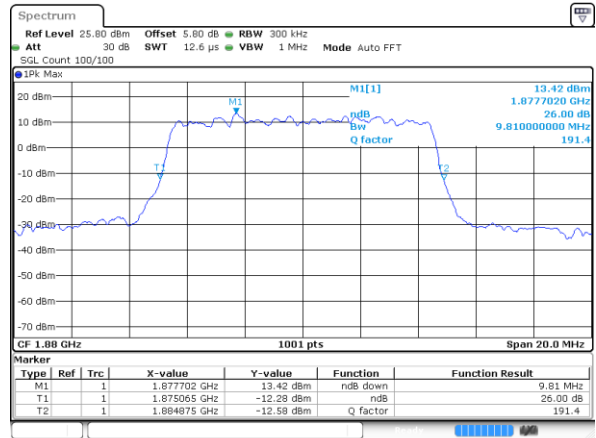
Date: 10 DEC 2019 05:48:34

Middle Channel / 5MHz / 64QAM



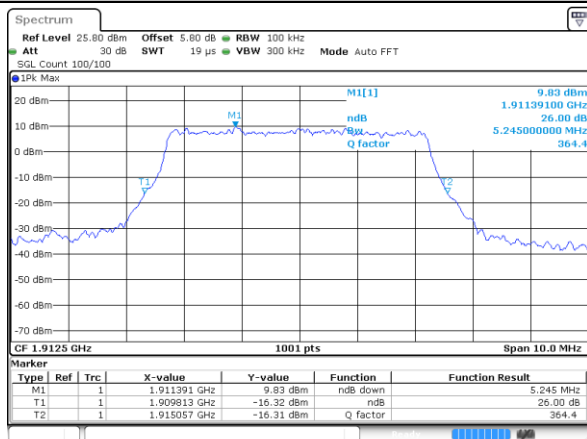
Date: 10 DEC 2019 05:38:15

Middle Channel / 10MHz / 64QAM



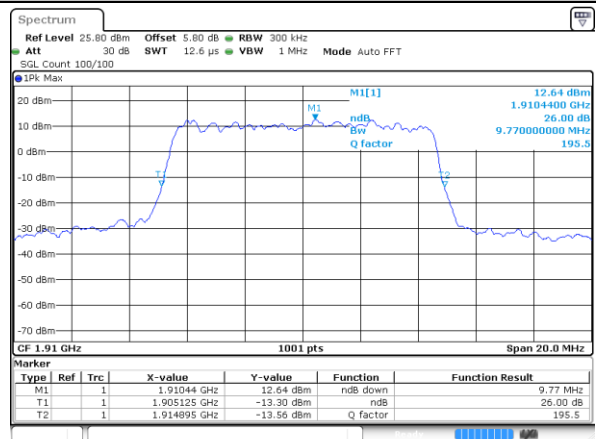
Date: 10 DEC 2019 05:52:47

Highest Channel / 5MHz / 64QAM



Date: 10 DEC 2019 05:42:05

Highest Channel / 10MHz / 64QAM

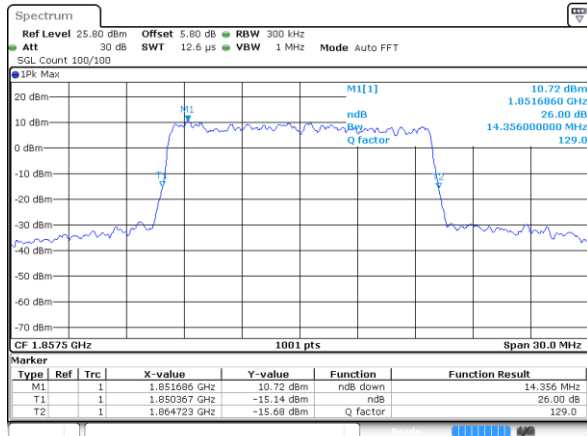


Date: 10 DEC 2019 05:57:25

LTE Band 25

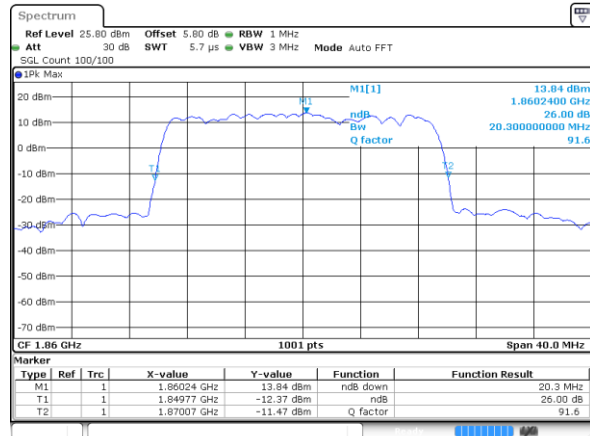


Lowest Channel / 15MHz / 64QAM



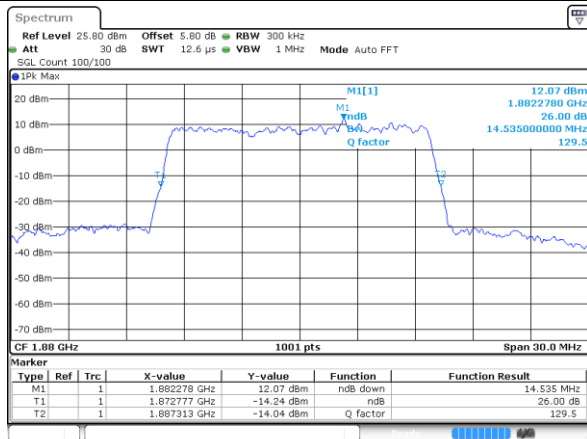
Date: 10 DEC 2019 06:37:51

Lowest Channel / 20MHz / 64QAM



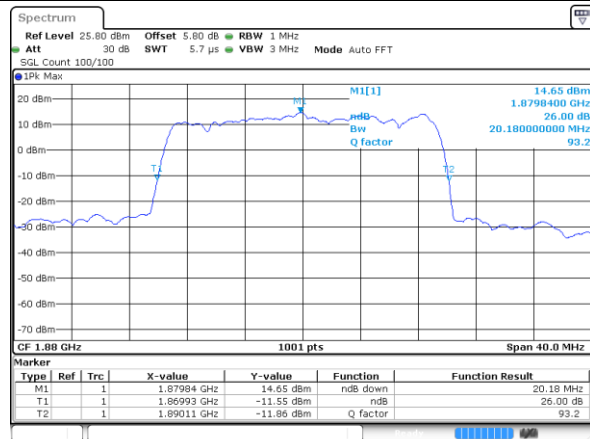
Date: 10 DEC 2019 06:50:51

Middle Channel / 15MHz / 64QAM



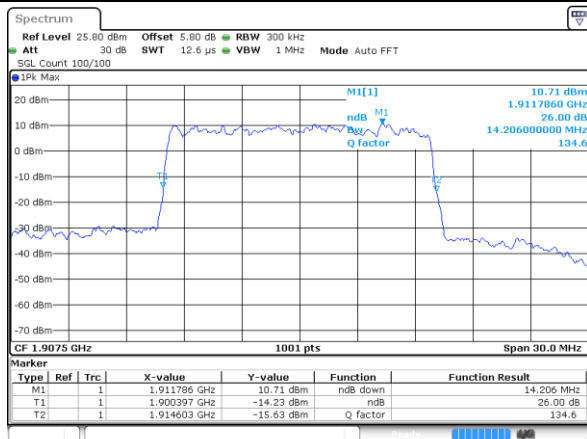
Date: 10 DEC 2019 06:43:11

Middle Channel / 20MHz / 64QAM



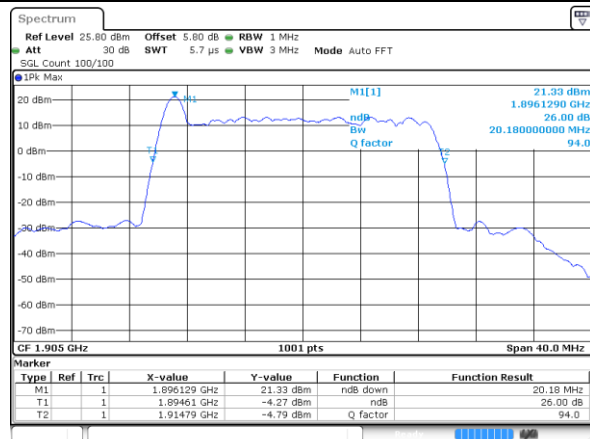
Date: 10 DEC 2019 06:50:07

Highest Channel / 15MHz / 64QAM



Date: 10 DEC 2019 06:46:17

Highest Channel / 20MHz / 64QAM



Date: 10 DEC 2019 06:59:24



A.2.4 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	1.14	1.11	2.80	2.74	4.53	4.51	8.99	8.97	13.40	13.37	18.14	18.34
Middle CH	1.13	1.11	2.76	2.76	4.51	4.51	9.05	9.09	13.52	13.49	18.50	18.46
Highest CH	1.12	1.14	2.75	2.73	4.50	4.50	9.13	9.03	13.40	13.31	18.26	18.26
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.12	-	2.75	-	4.51	-	9.01	-	13.37	-	18.30	-
Middle CH	1.10	-	2.76	-	4.60	-	9.05	-	13.43	-	18.54	-
Highest CH	1.09	-	2.72	-	4.53	-	9.01	-	13.40	-	18.26	-

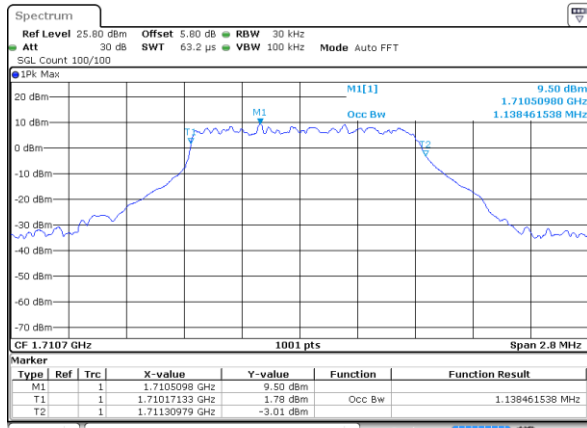
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.50	4.54	9.05	9.03	13.46	13.40	18.30	18.30
Middle CH	-	-	-	-	4.53	4.52	9.03	9.05	13.46	13.37	18.34	18.34
Highest CH	-	-	-	-	4.55	4.52	9.05	8.97	13.49	13.49	18.38	18.26
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	-	-	-	-	4.52	-	9.03	-	13.49	-	18.34	-
Middle CH	-	-	-	-	4.54	-	9.03	-	13.43	-	18.30	-
Highest CH	-	-	-	-	4.51	-	9.03	-	13.43	-	18.34	-

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	1.11	1.11	2.73	2.81	4.55	4.52	9.07	9.03	13.49	13.52	18.50	18.42
Middle CH	1.08	1.09	2.67	2.67	4.49	4.48	9.01	9.05	13.46	13.43	18.46	18.54
Highest CH	1.13	1.10	2.73	2.75	4.49	4.50	8.99	9.01	13.43	13.61	18.42	18.38
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.11	-	2.77	-	4.50	-	9.01	-	13.46	-	18.46	-
Middle CH	1.09	-	2.65	-	4.46	-	9.05	-	13.40	-	18.38	-
Highest CH	1.13	-	2.75	-	4.51	-	8.99	-	13.46	-	18.38	-

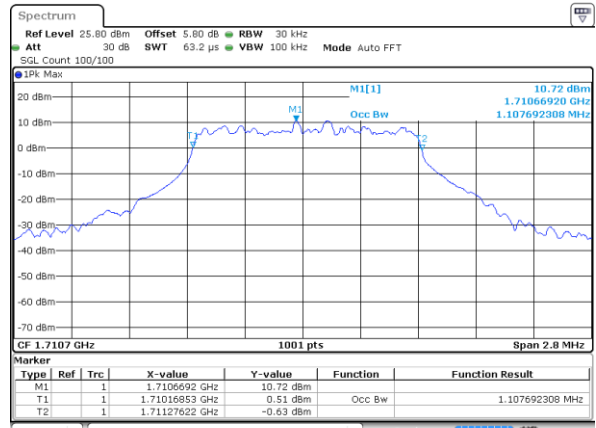


LTE Band 4

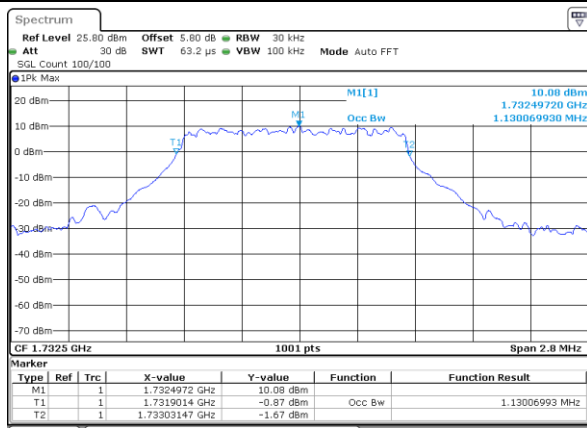
Lowest Channel / 1.4MHz / QPSK



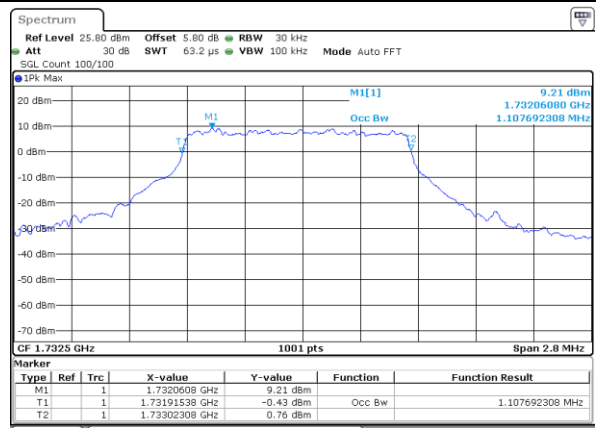
Lowest Channel / 1.4MHz / 16QAM



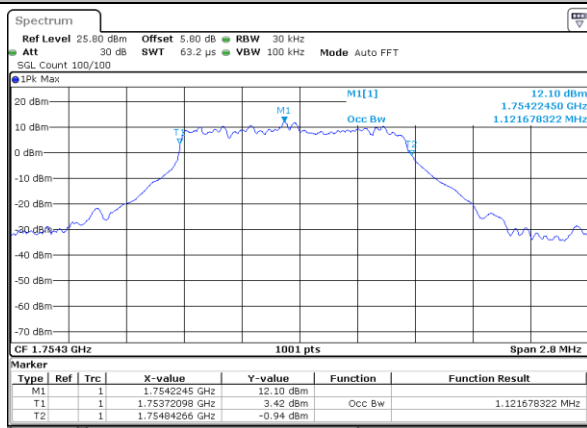
Middle Channel / 1.4MHz / QPSK



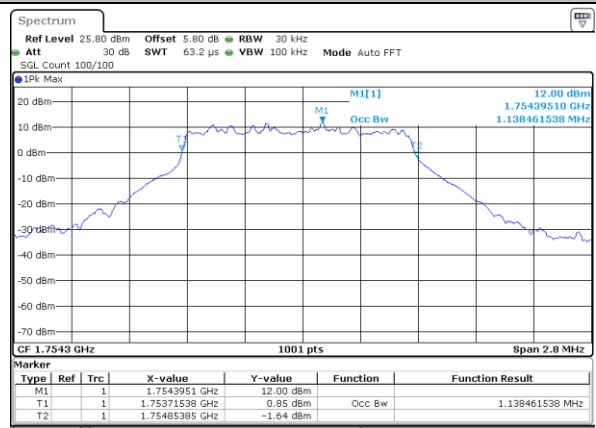
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



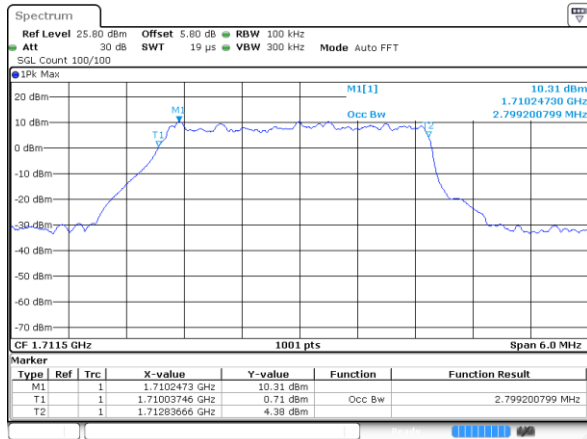
Highest Channel / 1.4MHz / 16QAM





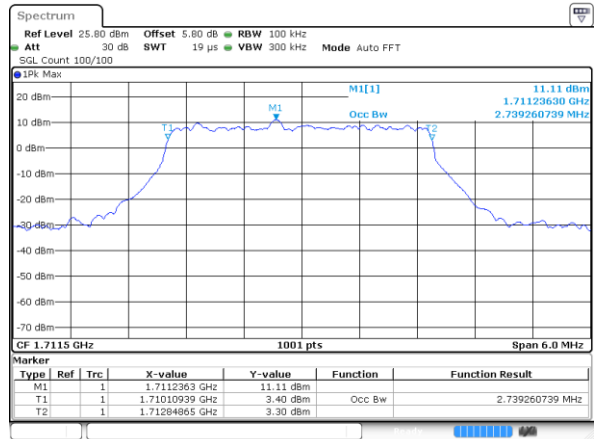
LTE Band 4

Lowest Channel / 3MHz / QPSK



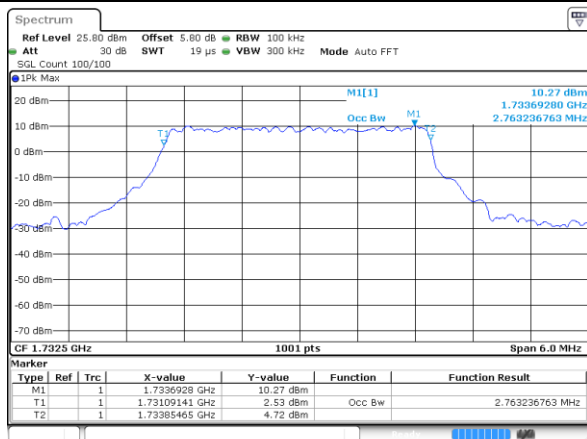
Date: 6 DEC 2019 11:40:16

Lowest Channel / 3MHz / 16QAM



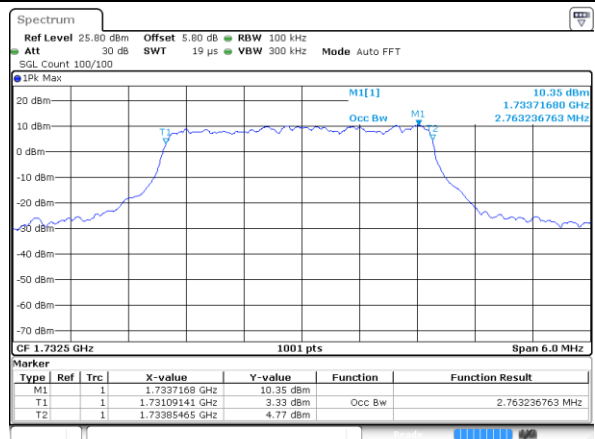
Date: 6 DEC 2019 11:40:44

Middle Channel / 3MHz / QPSK



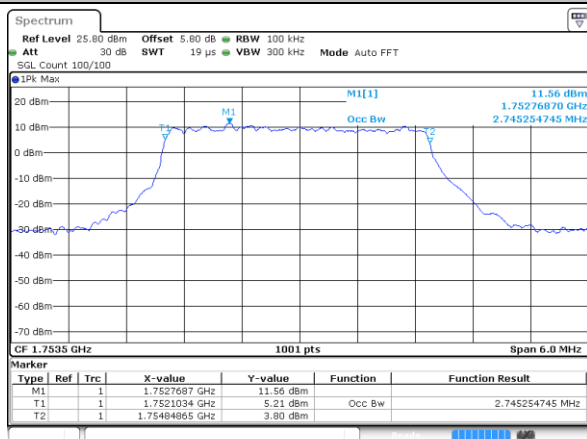
Date: 6 DEC 2019 11:46:28

Middle Channel / 3MHz / 16QAM



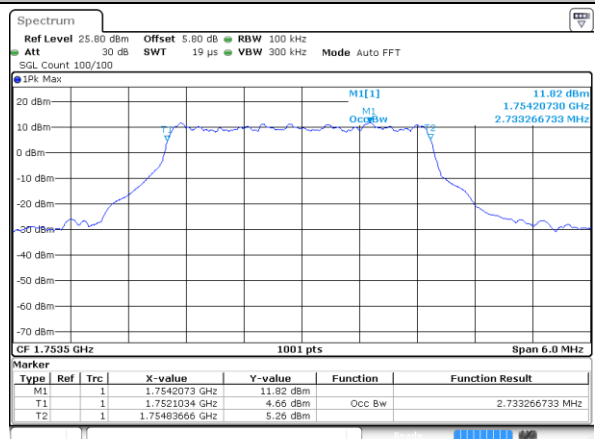
Date: 6 DEC 2019 11:47:04

Highest Channel / 3MHz / QPSK



Date: 6 DEC 2019 11:52:21

Highest Channel / 3MHz / 16QAM

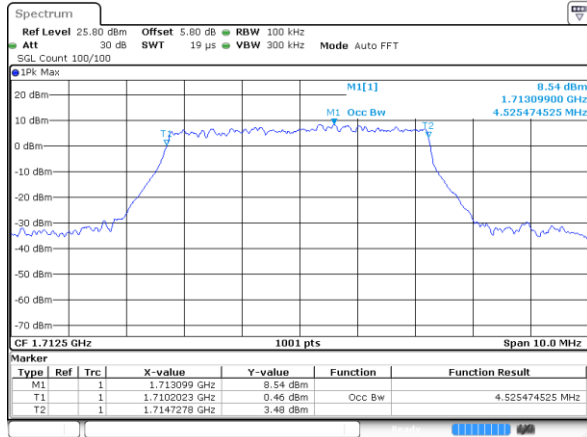


Date: 6 DEC 2019 11:52:43



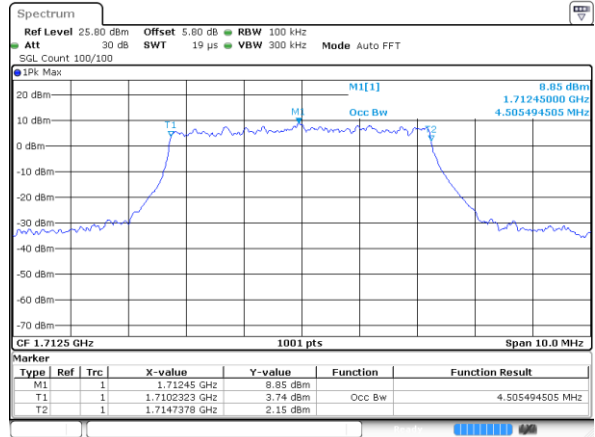
LTE Band 4

Lowest Channel / 5MHz / QPSK



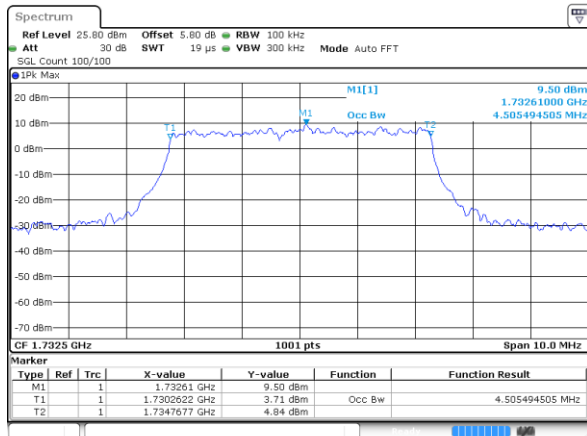
Date: 6 DEC 2019 11:56:22

Lowest Channel / 5MHz / 16QAM



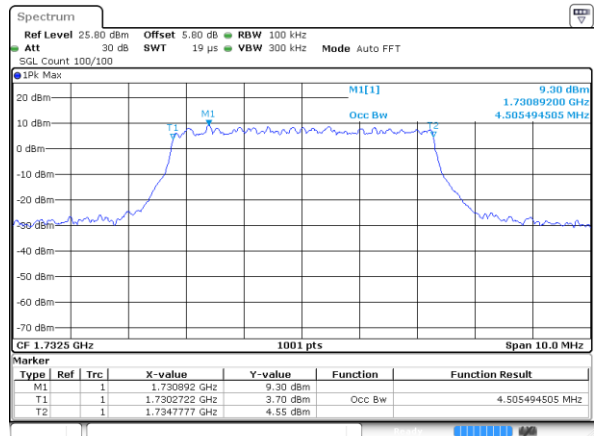
Date: 6 DEC 2019 11:56:48

Middle Channel / 5MHz / QPSK



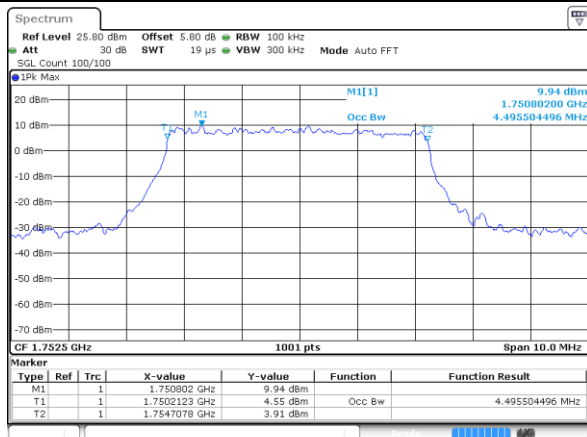
Date: 6 DEC 2019 12:00:55

Middle Channel / 5MHz / 16QAM



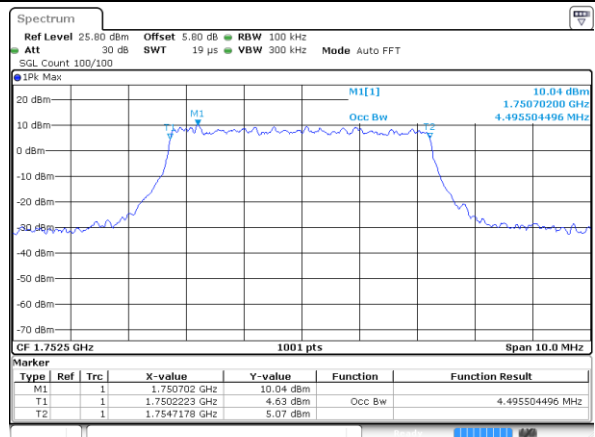
Date: 6 DEC 2019 12:01:22

Highest Channel / 5MHz / QPSK



Date: 6 DEC 2019 12:08:07

Highest Channel / 5MHz / 16QAM

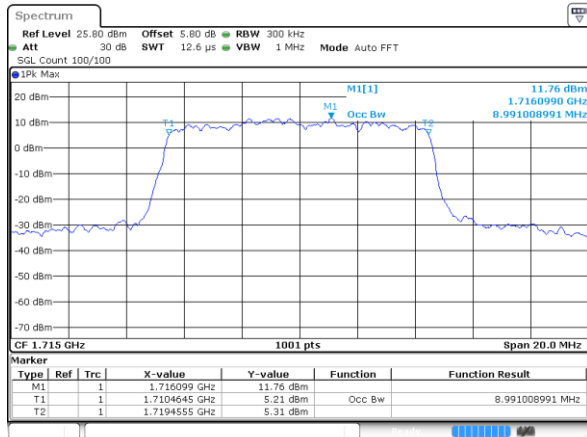


Date: 6 DEC 2019 12:08:57

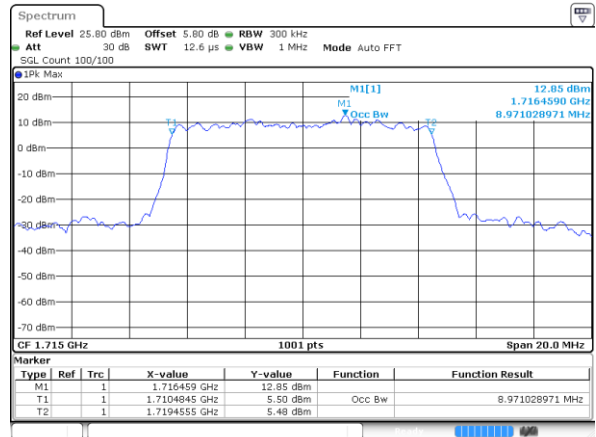


LTE Band 4

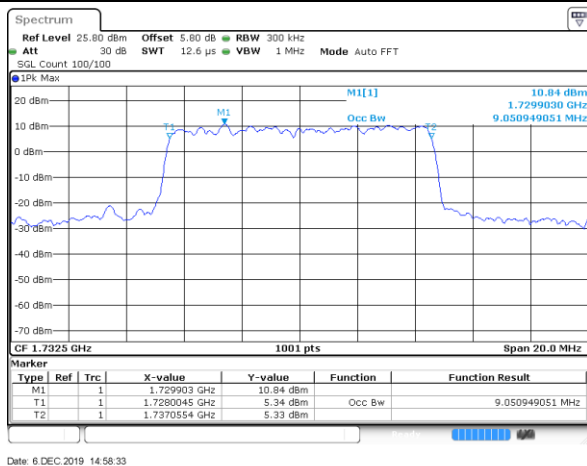
Lowest Channel / 10MHz / QPSK



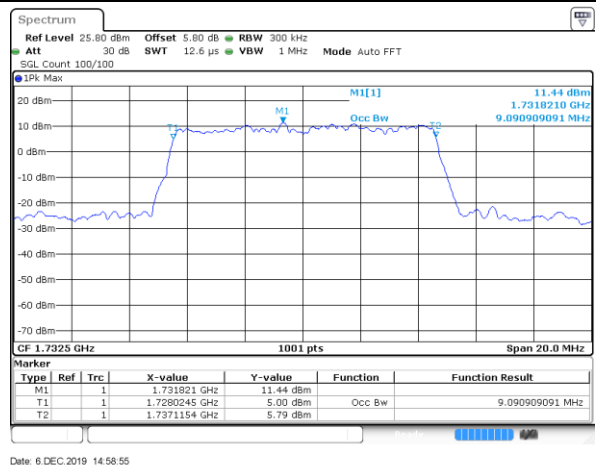
Lowest Channel / 10MHz / 16QAM



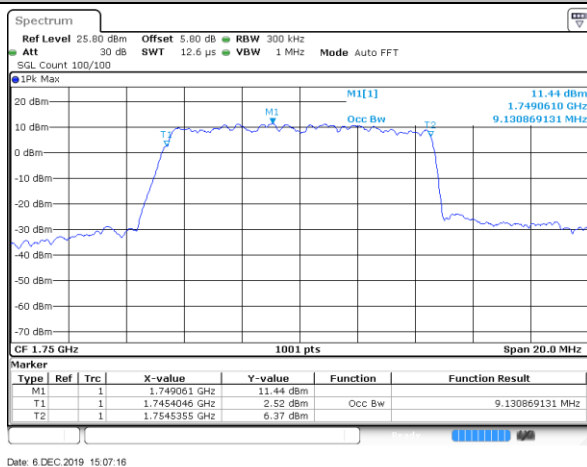
Middle Channel / 10MHz / QPSK



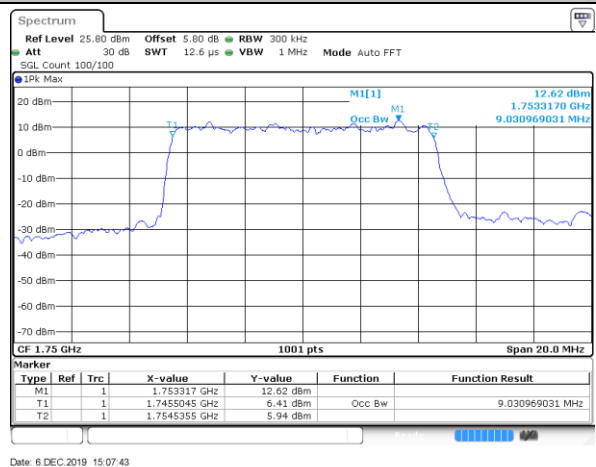
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



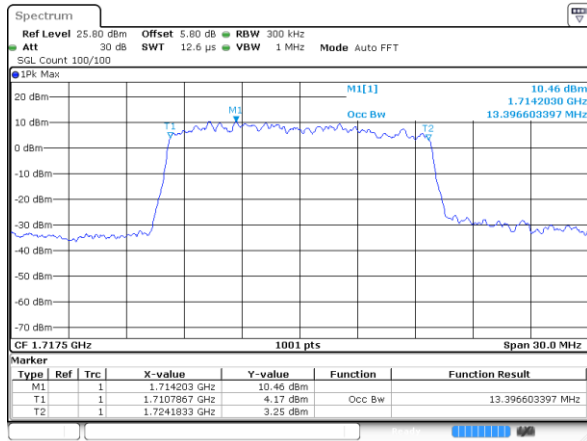
Highest Channel / 10MHz / 16QAM





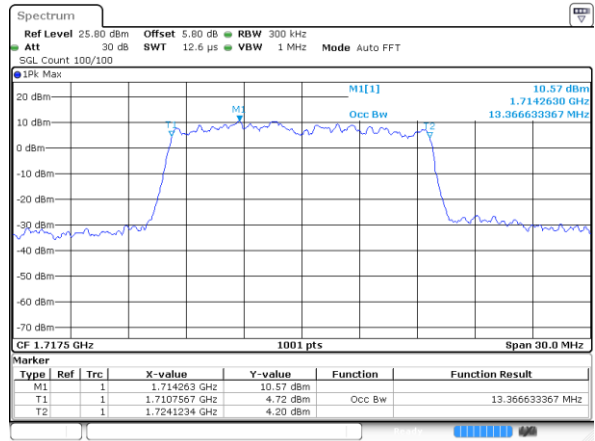
LTE Band 4

Lowest Channel / 15MHz / QPSK



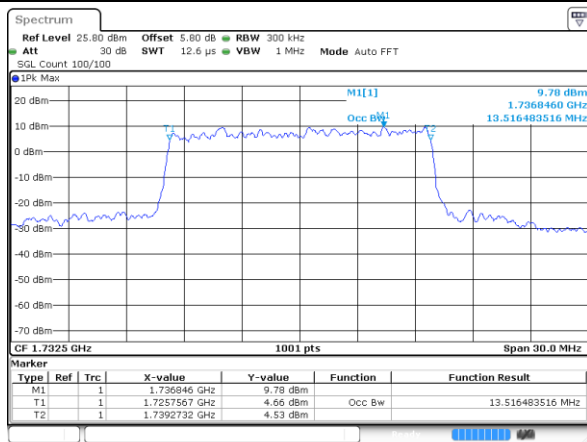
Date: 6 DEC 2019 15:12:13

Lowest Channel / 15MHz / 16QAM



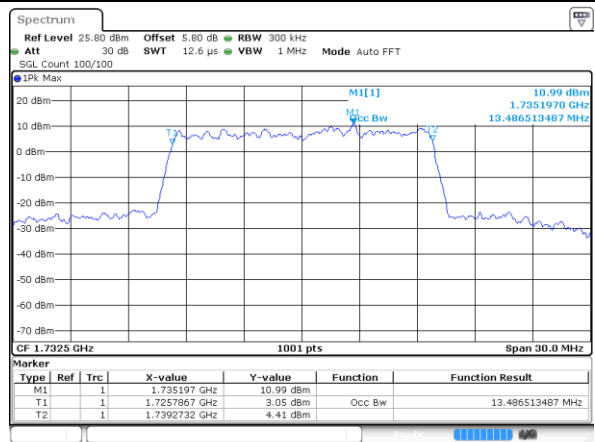
Date: 6 DEC 2019 15:13:08

Middle Channel / 15MHz / QPSK



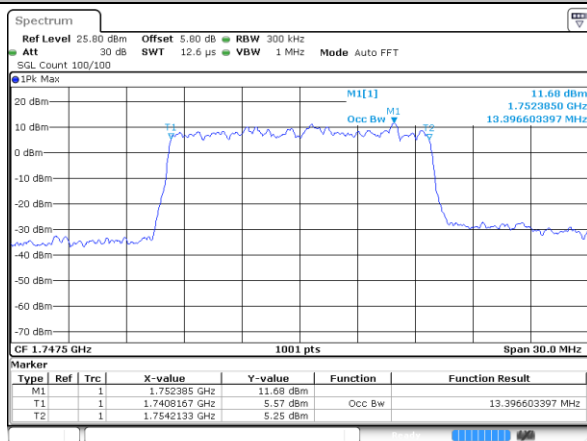
Date: 6 DEC 2019 15:17:19

Middle Channel / 15MHz / 16QAM



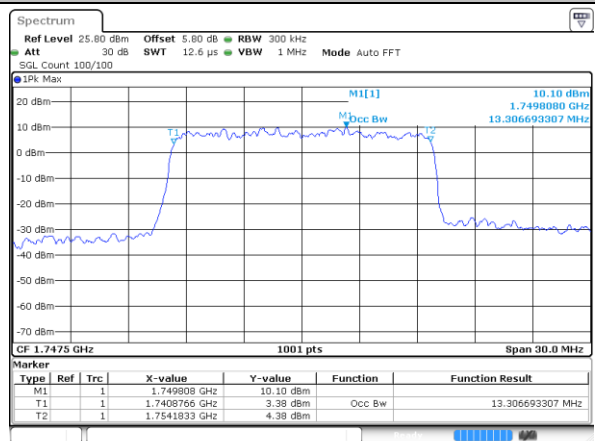
Date: 6 DEC 2019 15:17:40

Highest Channel / 15MHz / QPSK



Date: 6 DEC 2019 15:21:45

Highest Channel / 15MHz / 16QAM

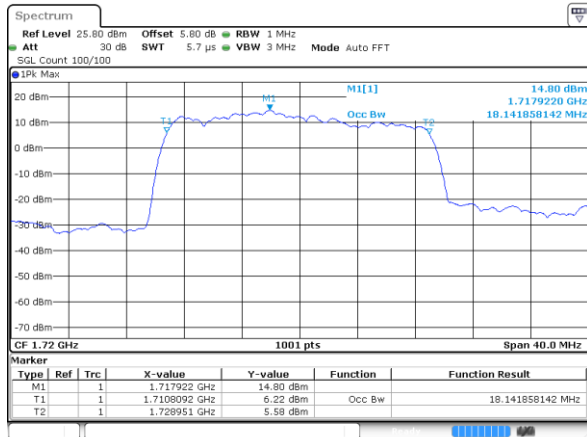


Date: 6 DEC 2019 15:22:07

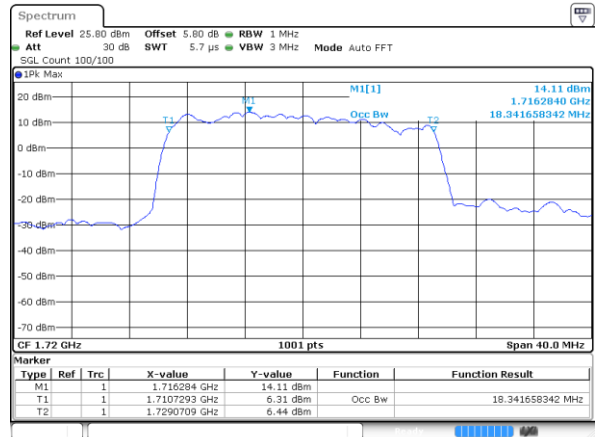


LTE Band 4

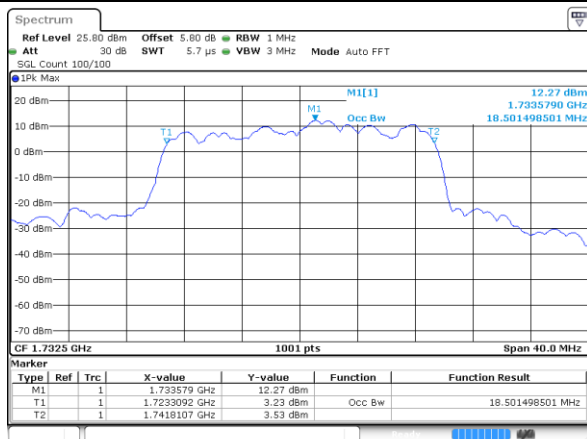
Lowest Channel / 20MHz / QPSK



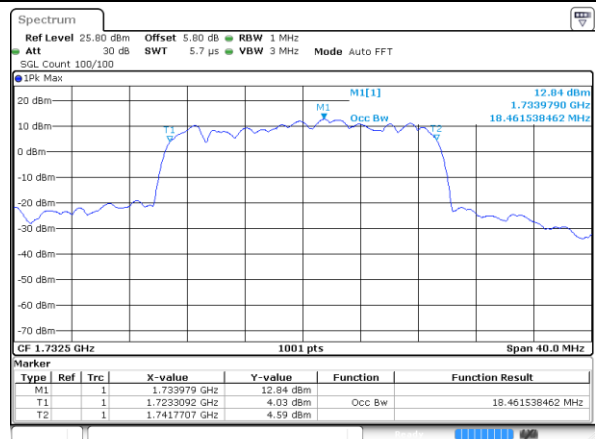
Lowest Channel / 20MHz / 16QAM



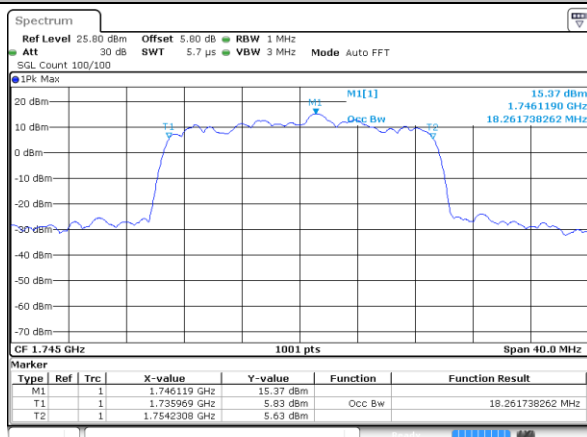
Middle Channel / 20MHz / QPSK



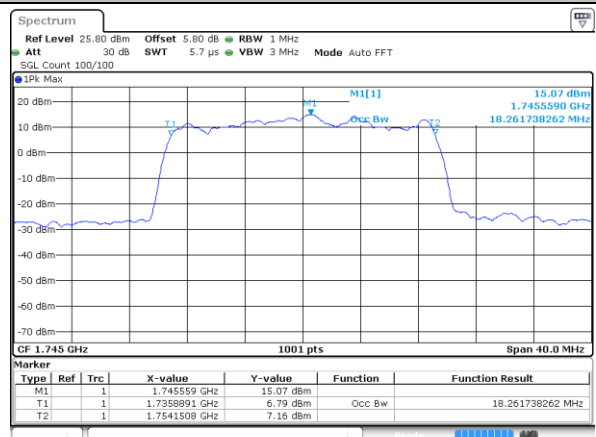
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



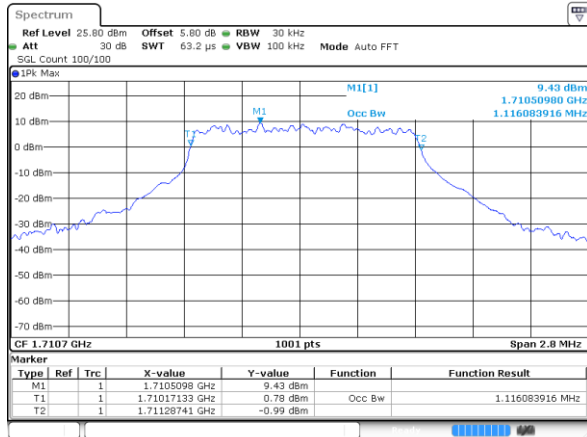
Highest Channel / 20MHz / 16QAM





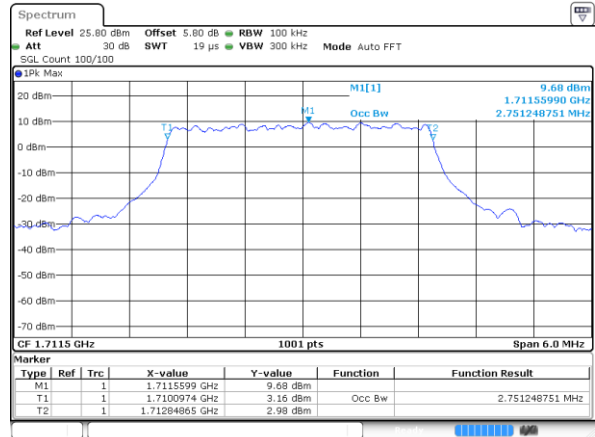
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



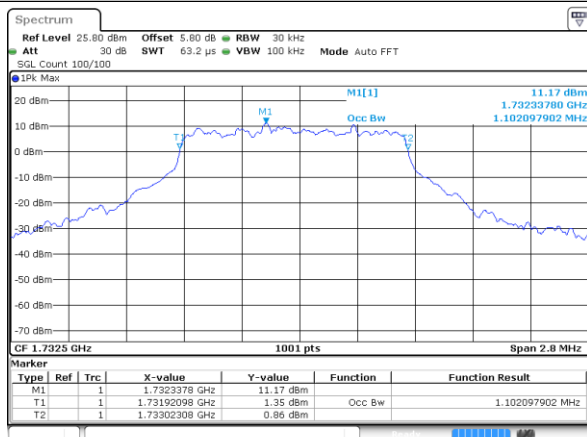
Date: 6 DEC 2019 11:11:25

Lowest Channel / 3MHz / 64QAM



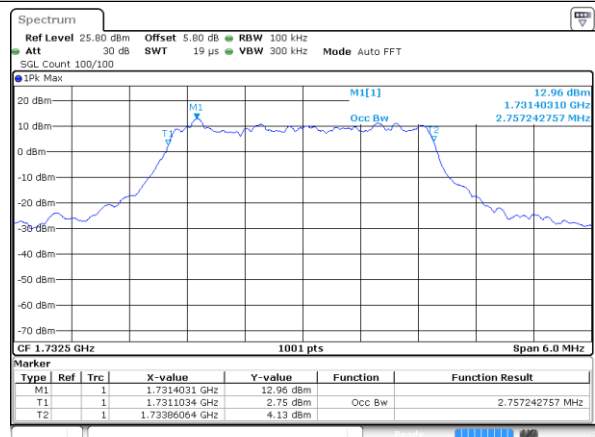
Date: 6 DEC 2019 11:41:08

Middle Channel / 1.4MHz / 64QAM



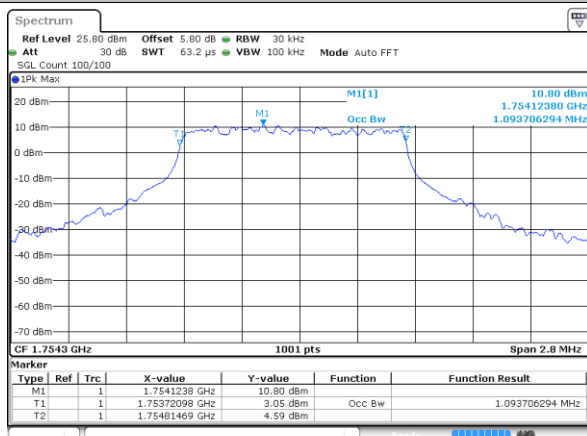
Date: 6 DEC 2019 11:15:36

Middle Channel / 3MHz / 64QAM



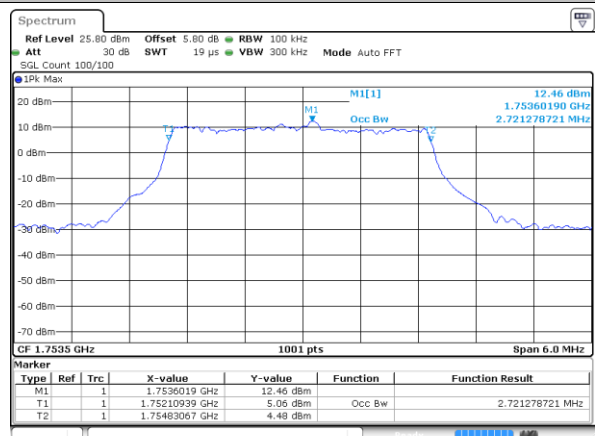
Date: 6 DEC 2019 11:47:31

Highest Channel / 1.4MHz / 64QAM



Date: 6 DEC 2019 11:34:01

Highest Channel / 3MHz / 64QAM

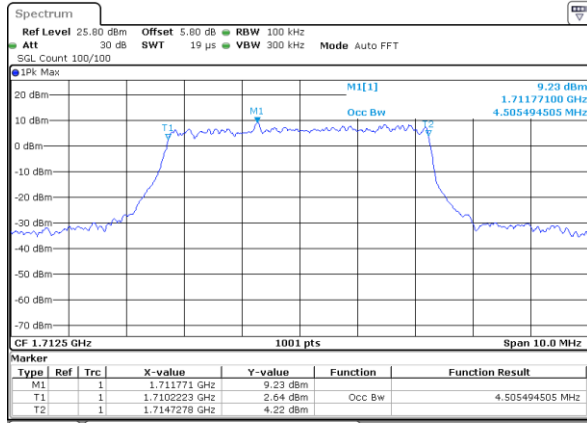


Date: 6 DEC 2019 11:53:05

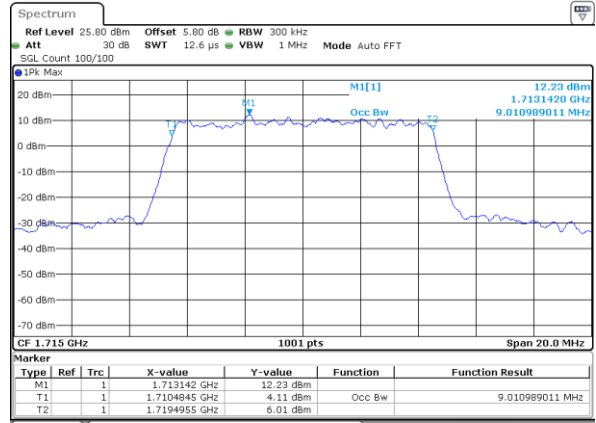


LTE Band 4

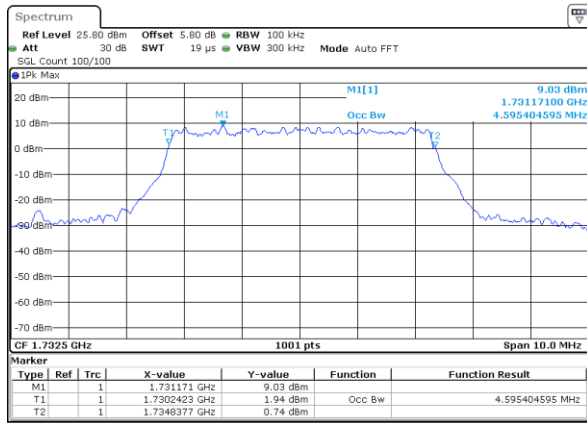
Lowest Channel / 5MHz / 64QAM



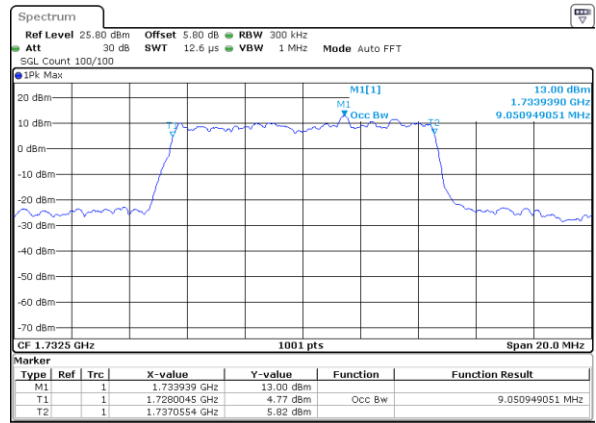
Lowest Channel / 10MHz / 64QAM



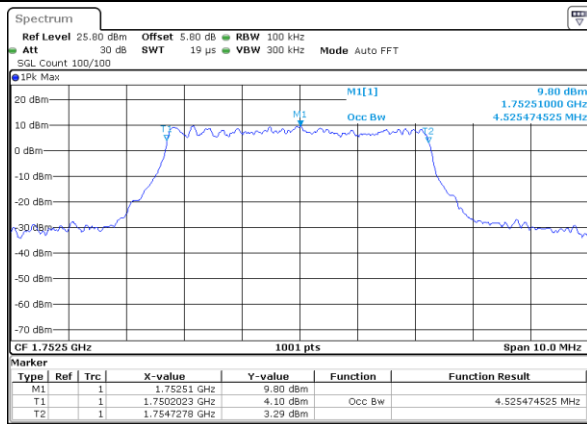
Middle Channel / 5MHz / 64QAM



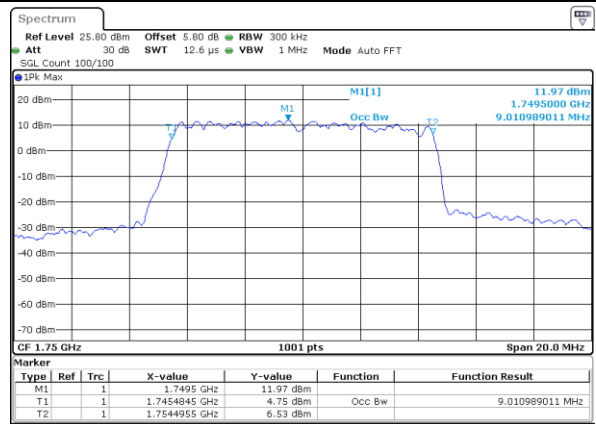
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



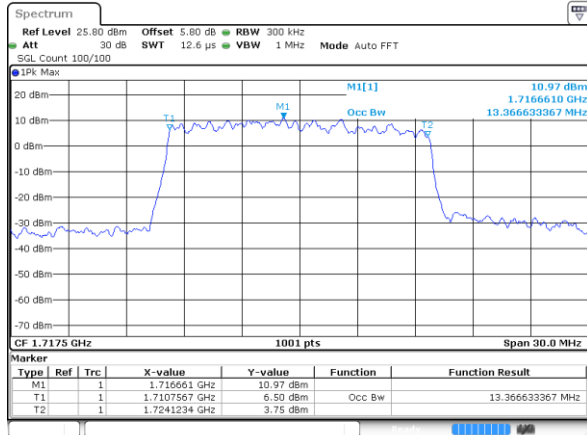
Highest Channel / 10MHz / 64QAM



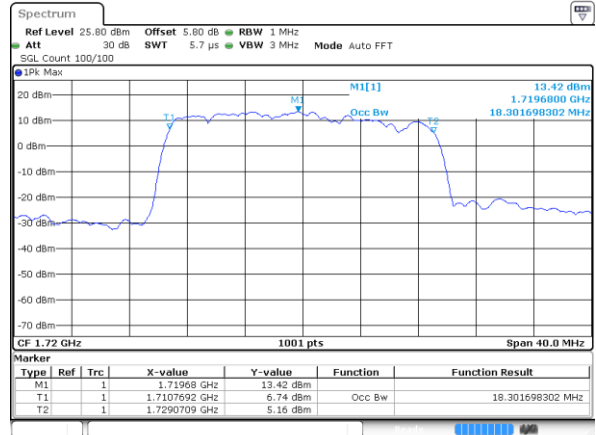


LTE Band 4

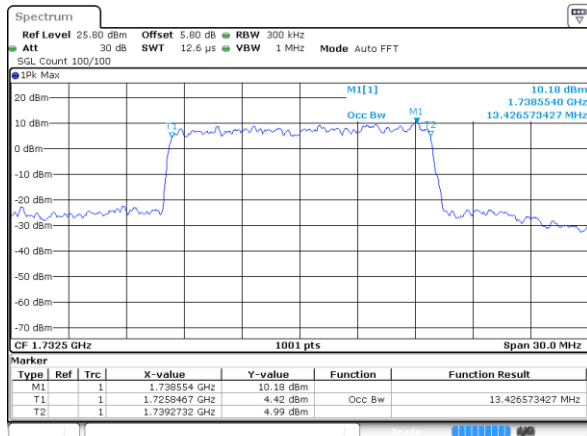
Lowest Channel / 15MHz / 64QAM



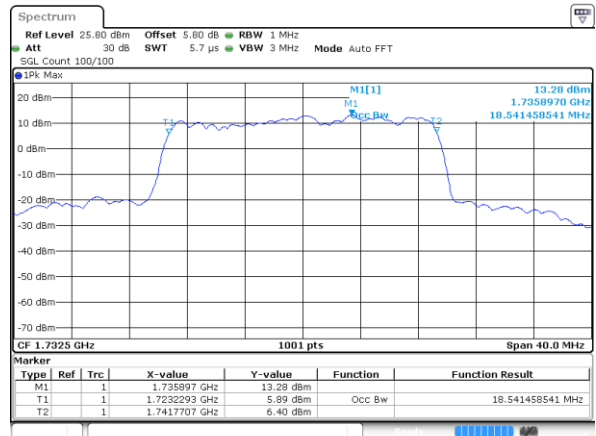
Lowest Channel / 20MHz / 64QAM



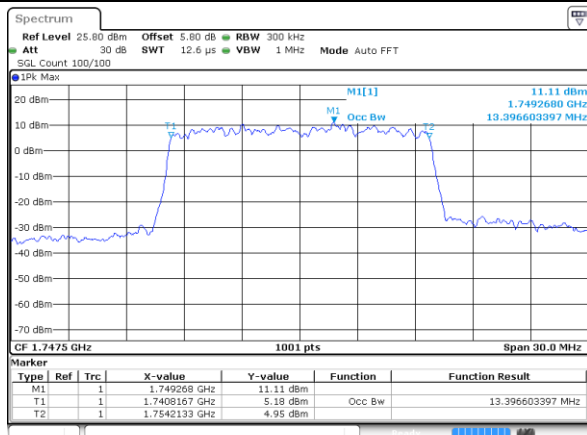
Middle Channel / 15MHz / 64QAM



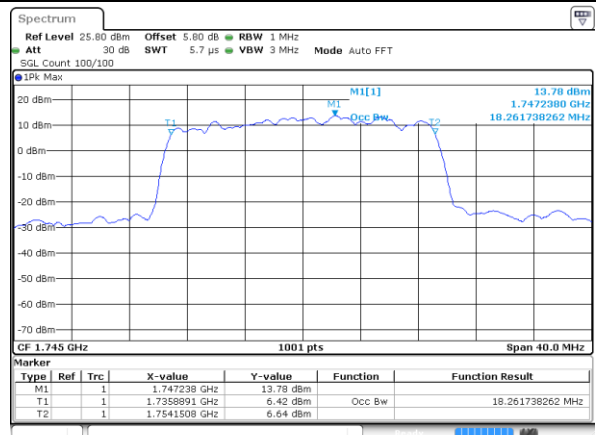
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



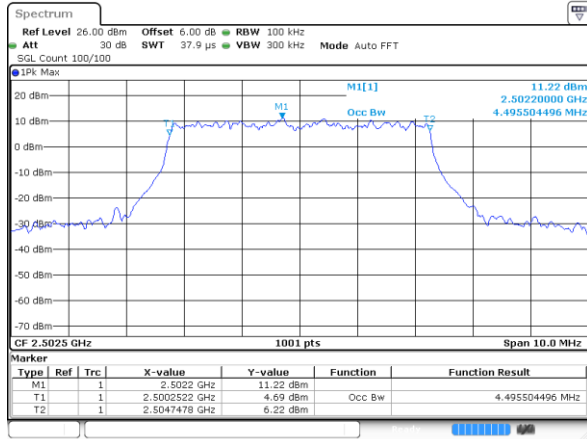
Highest Channel / 20MHz / 64QAM



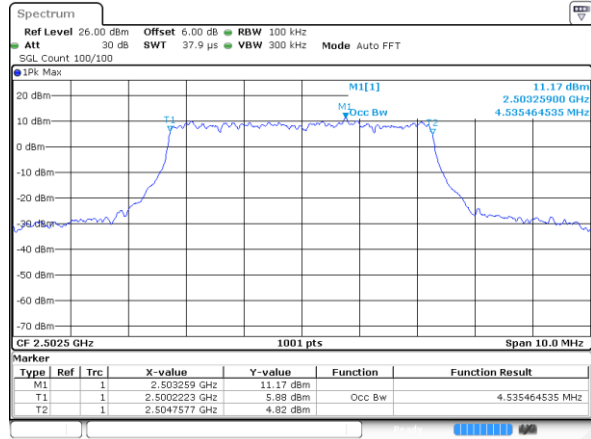


LTE Band 7

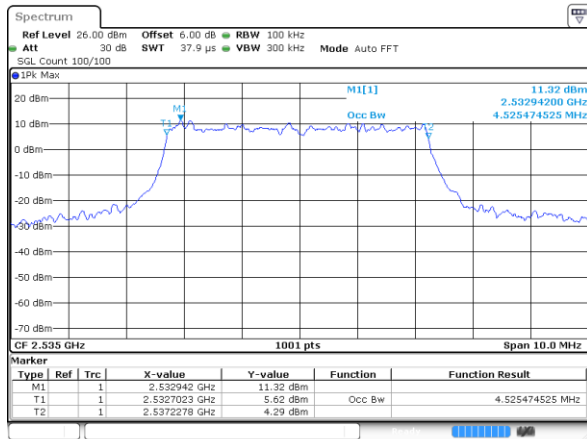
Lowest Channel / 5MHz / QPSK



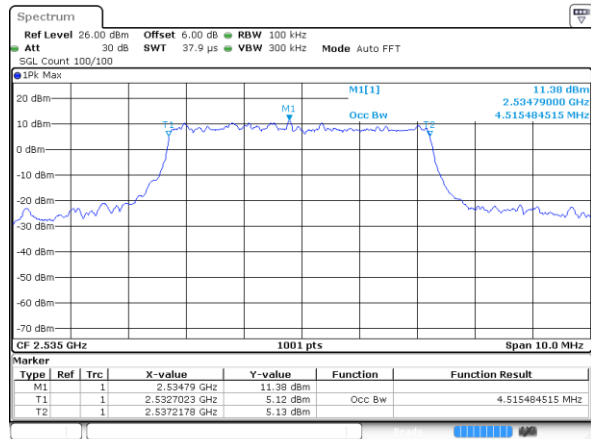
Lowest Channel / 5MHz / 16QAM



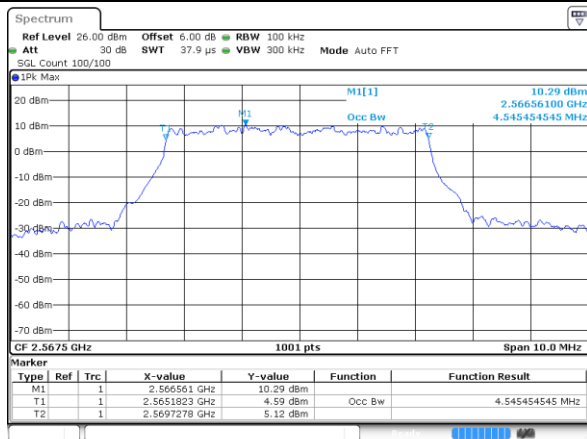
Middle Channel / 5MHz / QPSK



Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



Highest Channel / 5MHz / 16QAM

