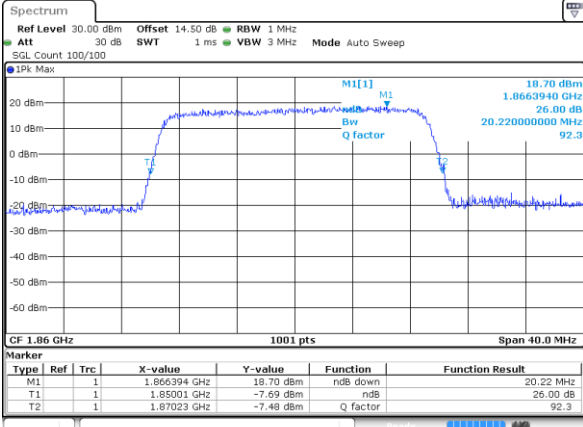




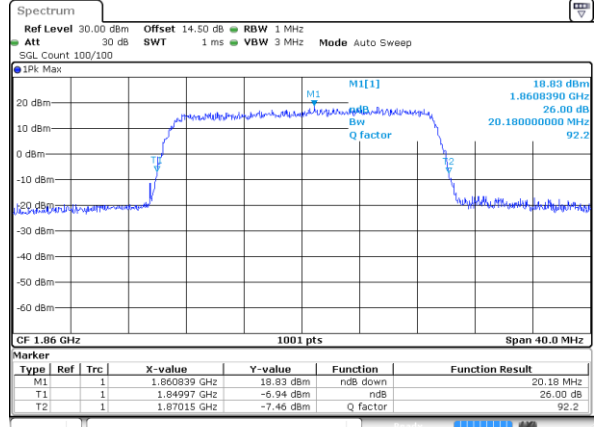
LTE Band 2

Lowest Channel / 20MHz / QPSK



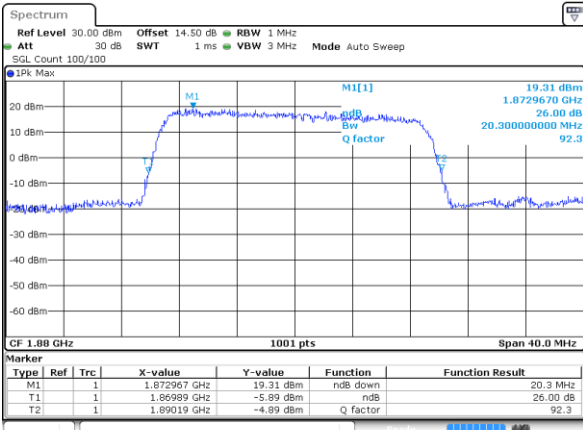
Date: 5 DEC 2017 10:12:46

Lowest Channel / 20MHz / 16QAM



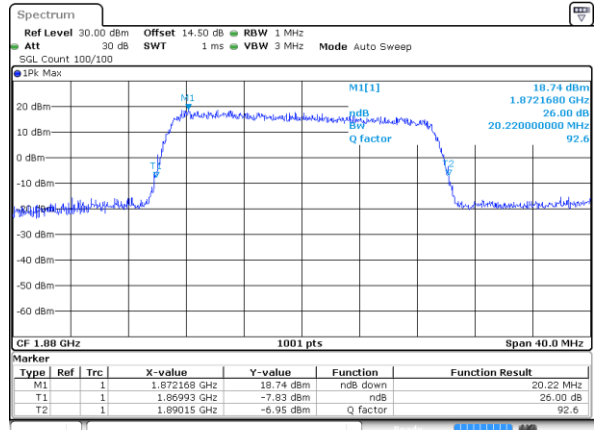
Date: 5 DEC 2017 10:12:56

Middle Channel / 20MHz / QPSK



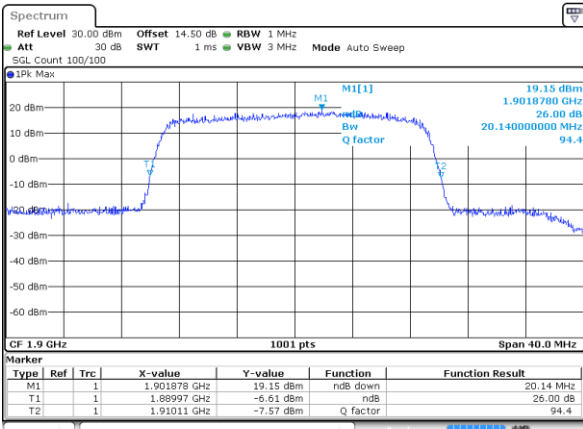
Date: 5 DEC 2017 10:19:49

Middle Channel / 20MHz / 16QAM



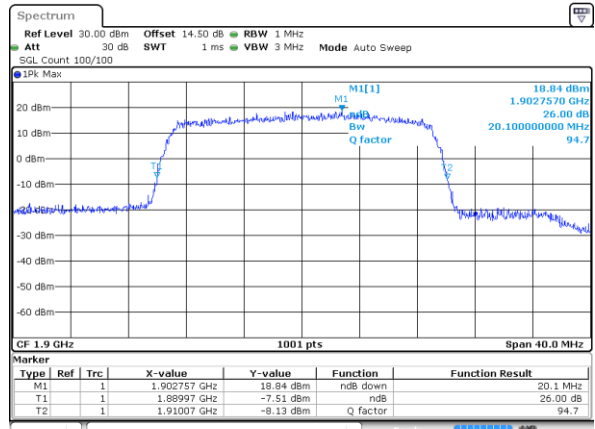
Date: 5 DEC 2017 10:19:59

Highest Channel / 20MHz / QPSK



Date: 5 DEC 2017 10:22:18

Highest Channel / 20MHz / 16QAM

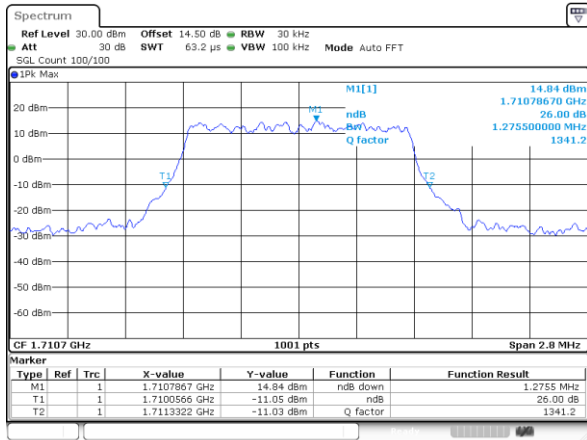


Date: 5 DEC 2017 10:22:28



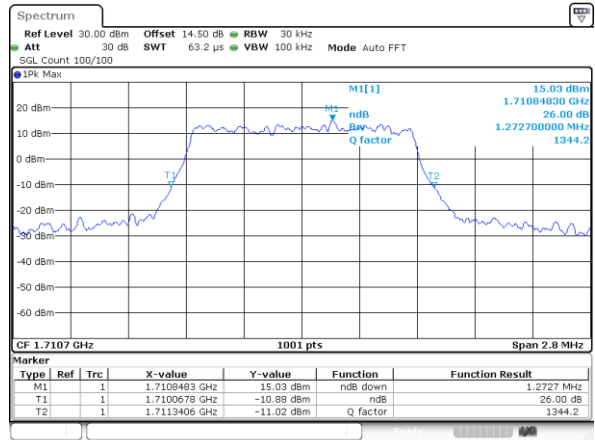
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



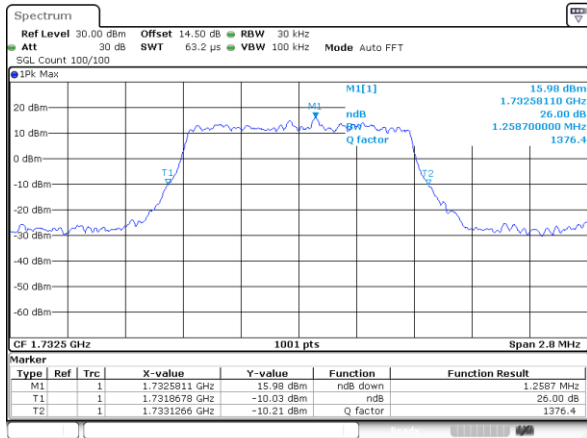
Date: 6.DEC.2017 08:18:50

Lowest Channel / 1.4MHz / 16QAM



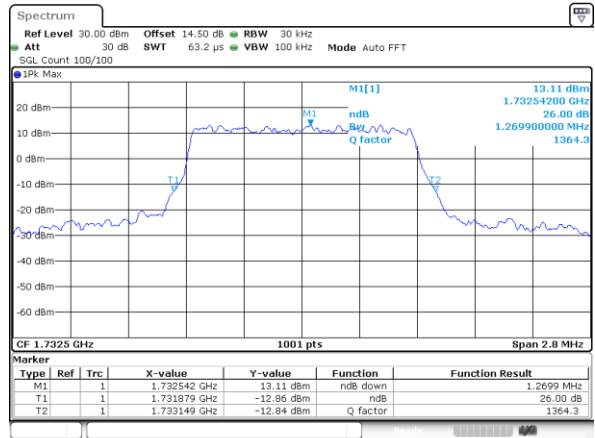
Date: 6.DEC.2017 08:19:00

Middle Channel / 1.4MHz / QPSK



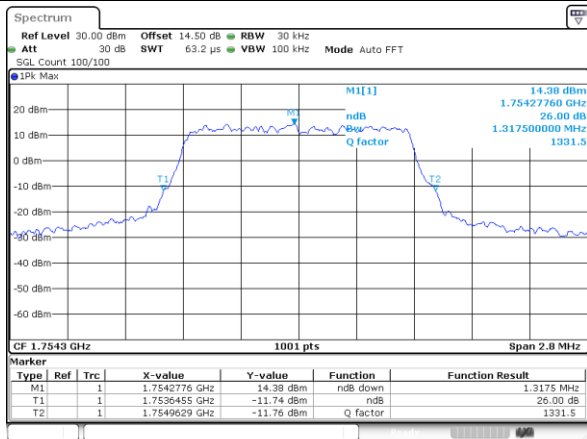
Date: 6.DEC.2017 08:26:00

Middle Channel / 1.4MHz / 16QAM



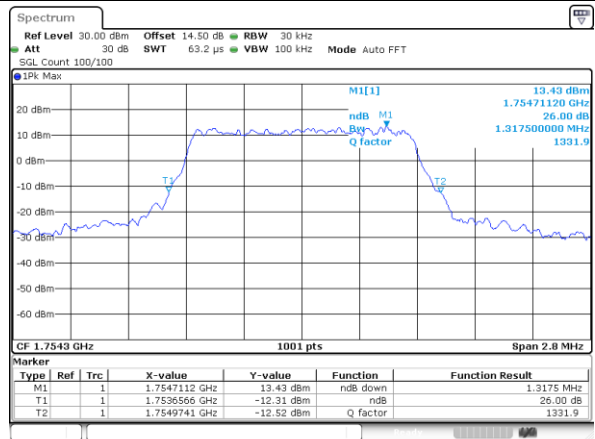
Date: 6.DEC.2017 08:26:10

Highest Channel / 1.4MHz / QPSK



Date: 6.DEC.2017 08:28:33

Highest Channel / 1.4MHz / 16QAM

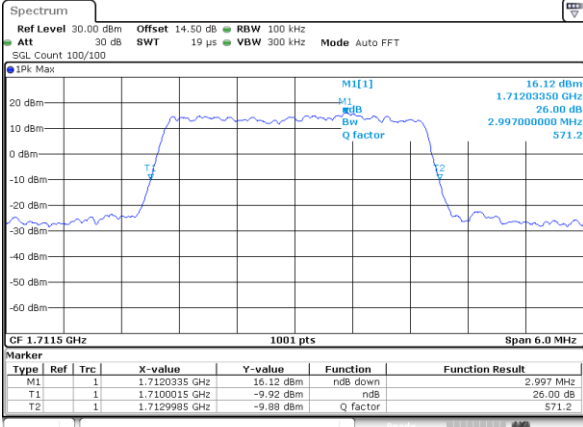


Date: 6.DEC.2017 08:28:43



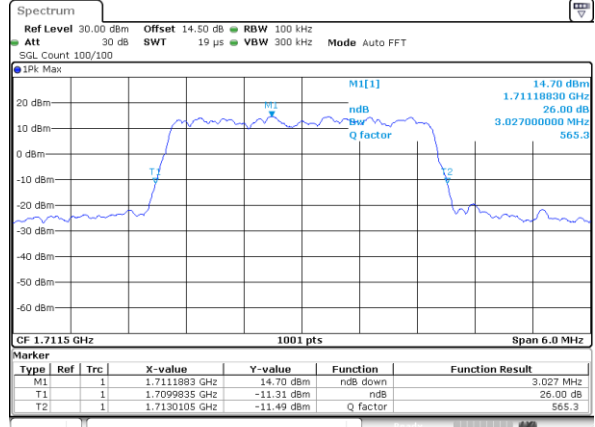
LTE Band 4

Lowest Channel / 3MHz / QPSK



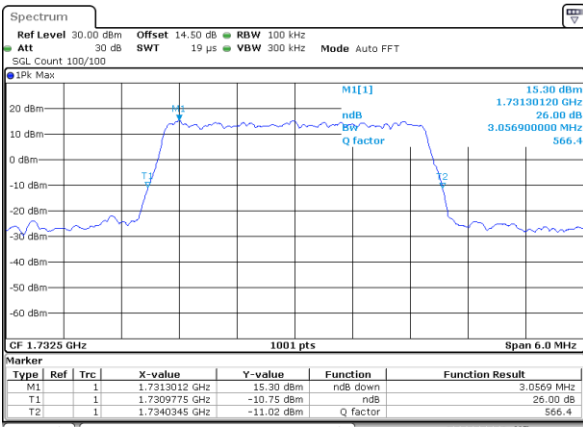
Date: 6.DEC.2017 08:35:43

Lowest Channel / 3MHz / 16QAM



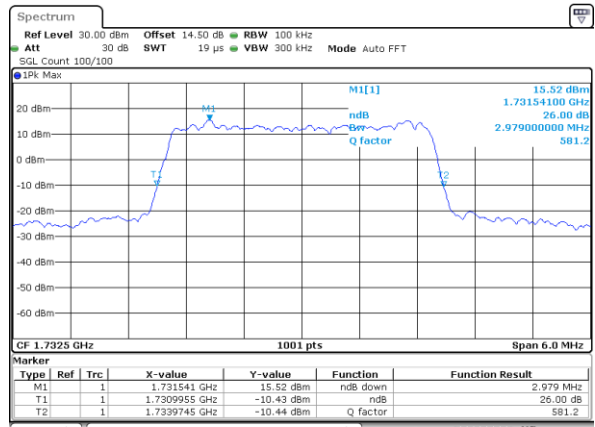
Date: 6.DEC.2017 08:35:53

Middle Channel / 3MHz / QPSK



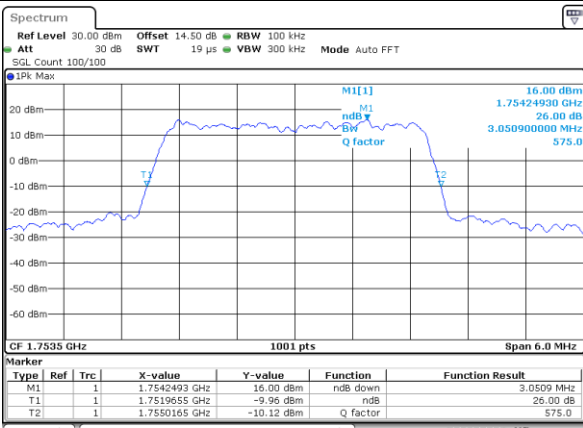
Date: 6.DEC.2017 08:42:54

Middle Channel / 3MHz / 16QAM



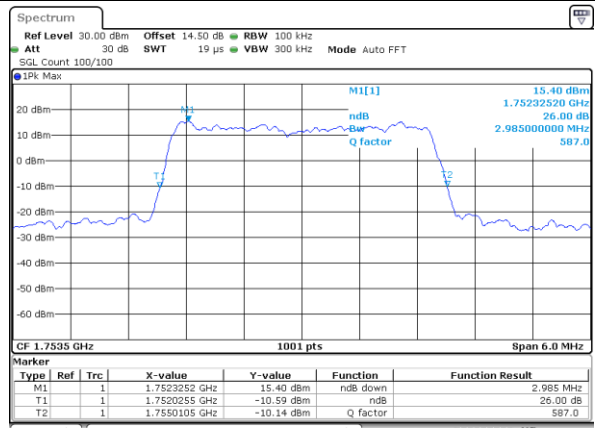
Date: 6.DEC.2017 08:43:04

Highest Channel / 3MHz / QPSK



Date: 6.DEC.2017 08:45:27

Highest Channel / 3MHz / 16QAM

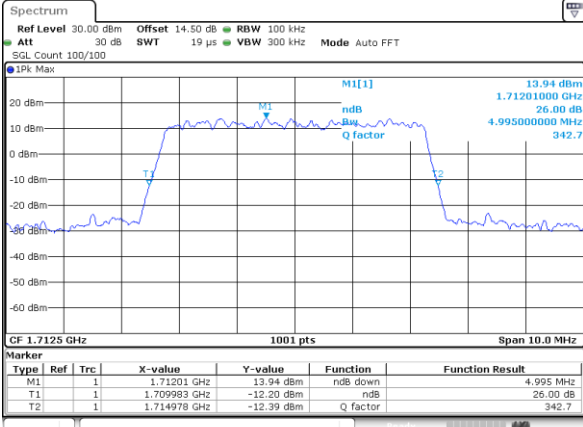


Date: 6.DEC.2017 08:45:36



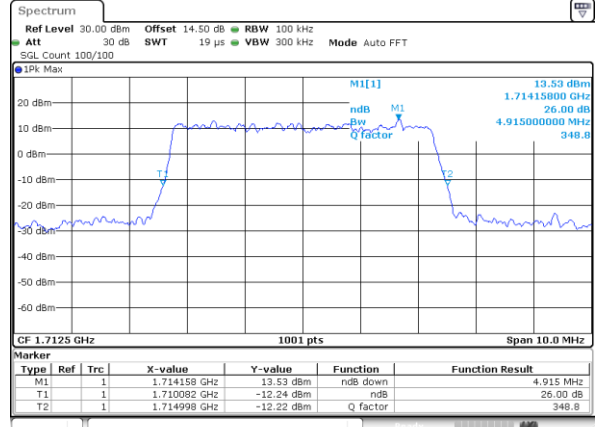
LTE Band 4

Lowest Channel / 5MHz / QPSK



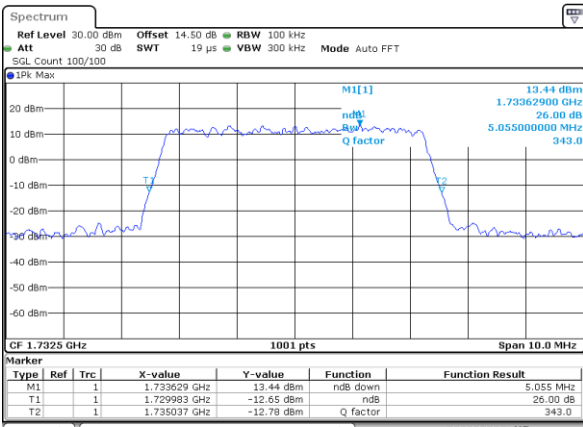
Date: 6,DEC,2017 08:52:37

Lowest Channel / 5MHz / 16QAM



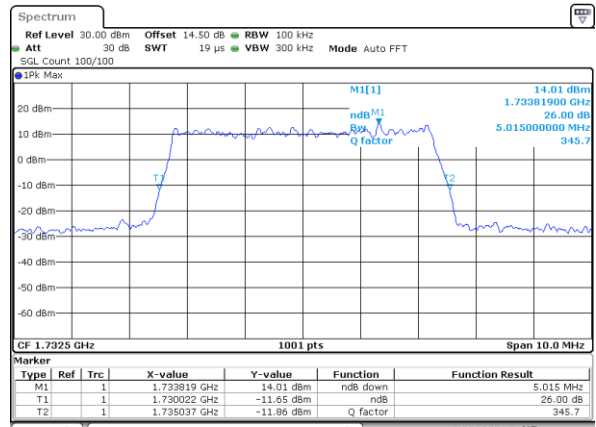
Date: 6,DEC,2017 08:52:47

Middle Channel / 5MHz / QPSK



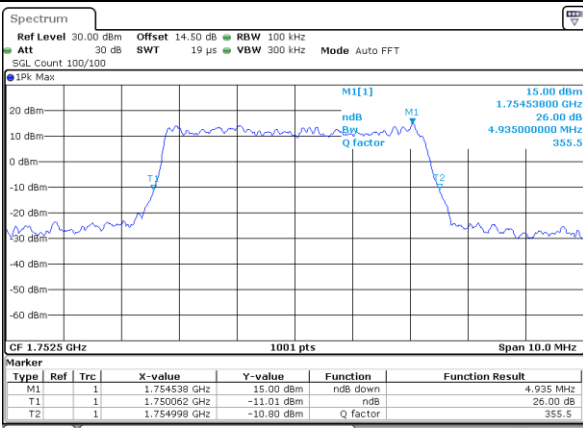
Date: 6,DEC,2017 08:59:46

Middle Channel / 5MHz / 16QAM



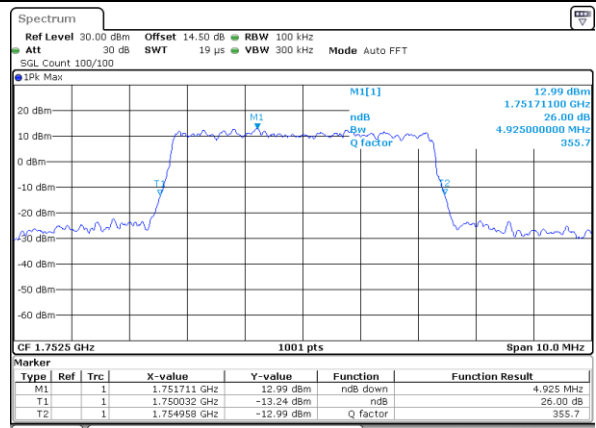
Date: 6,DEC,2017 08:59:56

Highest Channel / 5MHz / QPSK



Date: 6,DEC,2017 09:02:19

Highest Channel / 5MHz / 16QAM

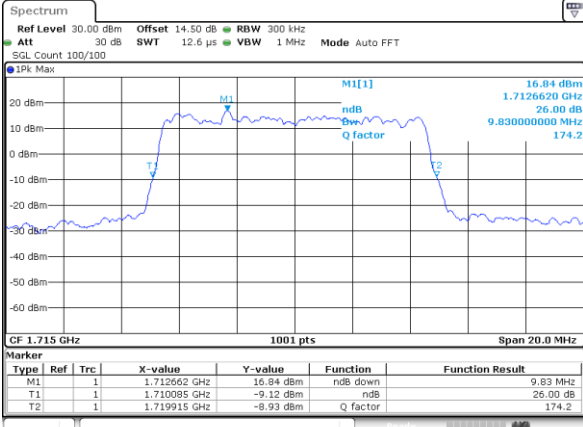


Date: 6,DEC,2017 09:02:29



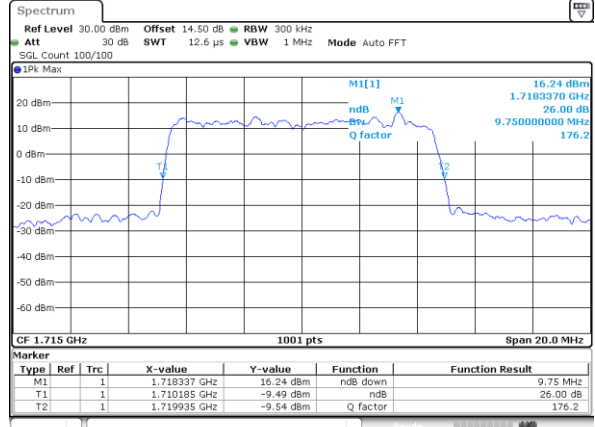
LTE Band 4

Lowest Channel / 10MHz / QPSK



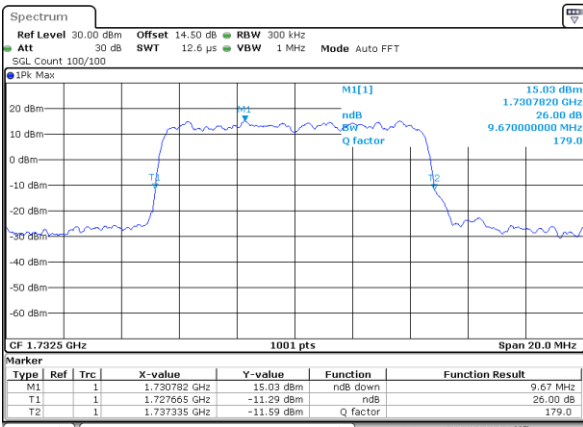
Date: 6,DEC,2017 09:09:29

Lowest Channel / 10MHz / 16QAM



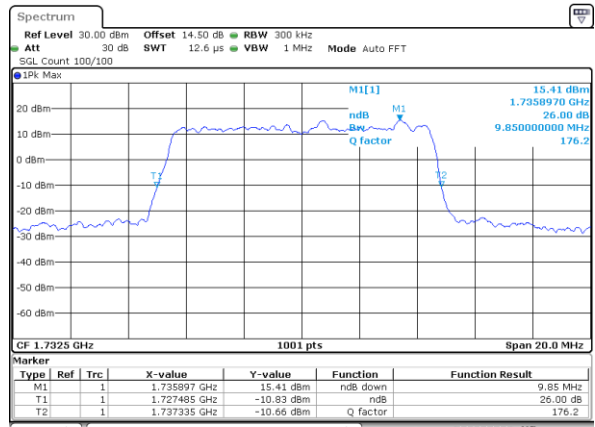
Date: 6,DEC,2017 09:09:39

Middle Channel / 10MHz / QPSK



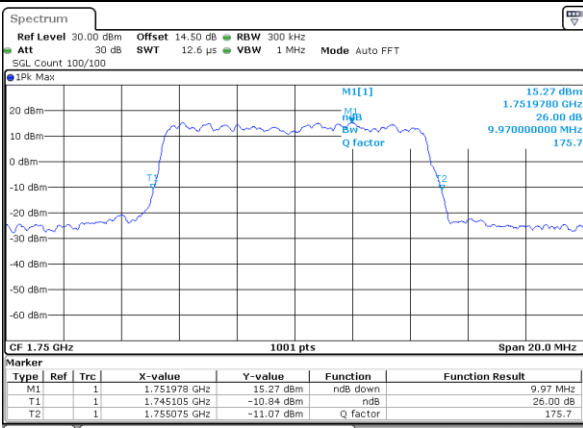
Date: 6,DEC,2017 09:20:15

Middle Channel / 10MHz / 16QAM



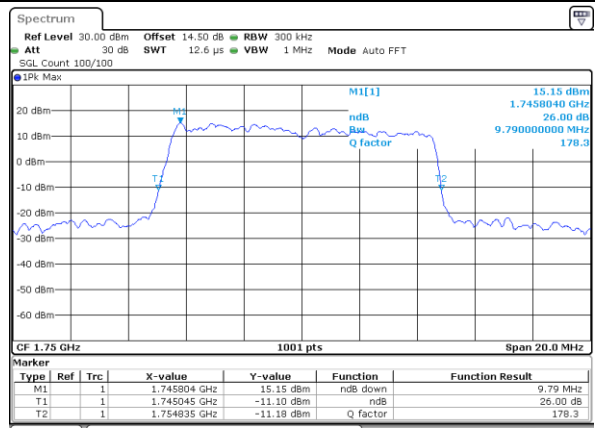
Date: 6,DEC,2017 09:20:25

Highest Channel / 10MHz / QPSK



Date: 6,DEC,2017 09:22:48

Highest Channel / 10MHz / 16QAM

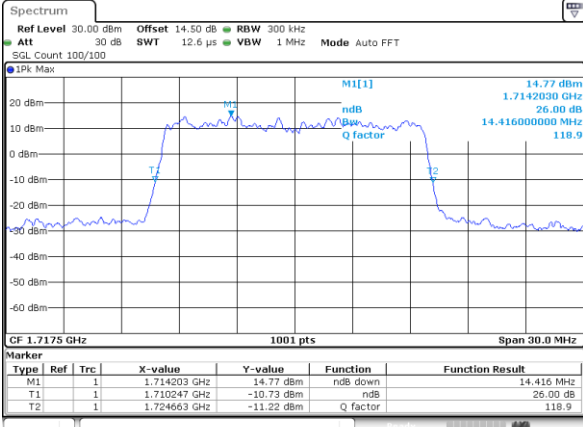


Date: 6,DEC,2017 09:22:58



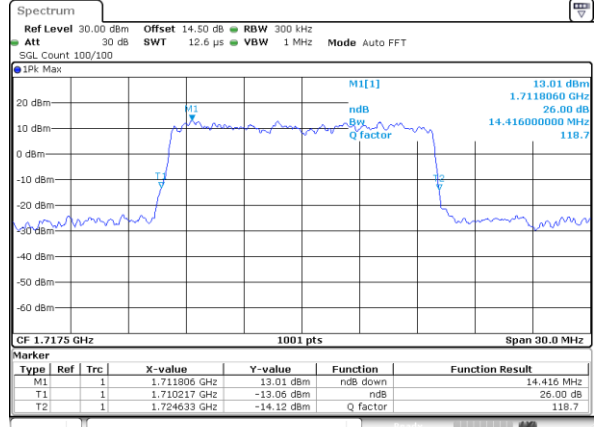
LTE Band 4

Lowest Channel / 15MHz / QPSK



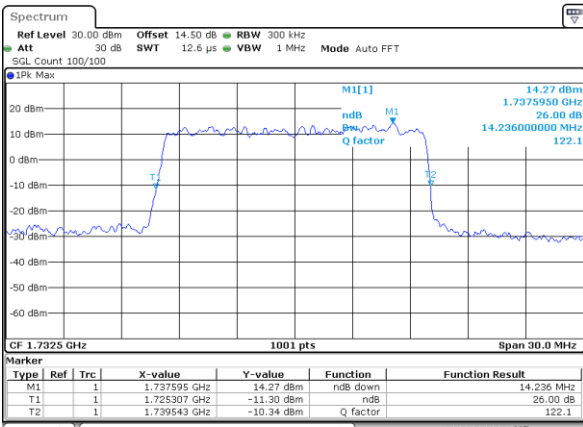
Date: 6.DEC.2017 09:29:59

Lowest Channel / 15MHz / 16QAM



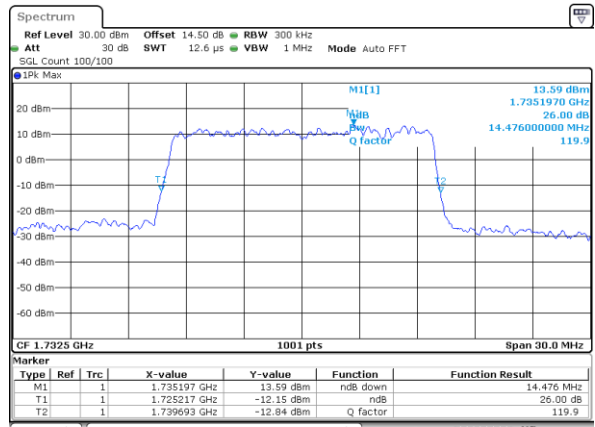
Date: 6.DEC.2017 09:30:09

Middle Channel / 15MHz / QPSK



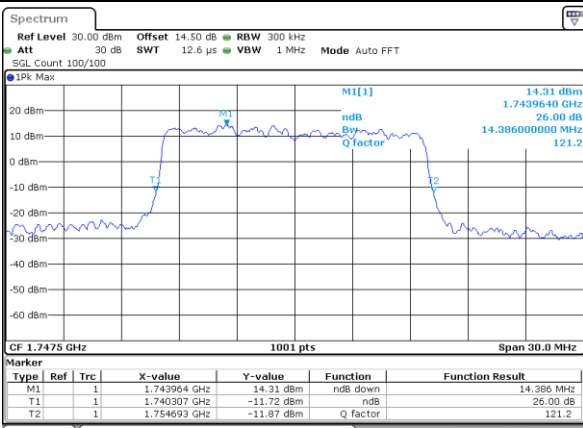
Date: 6.DEC.2017 09:37:09

Middle Channel / 15MHz / 16QAM



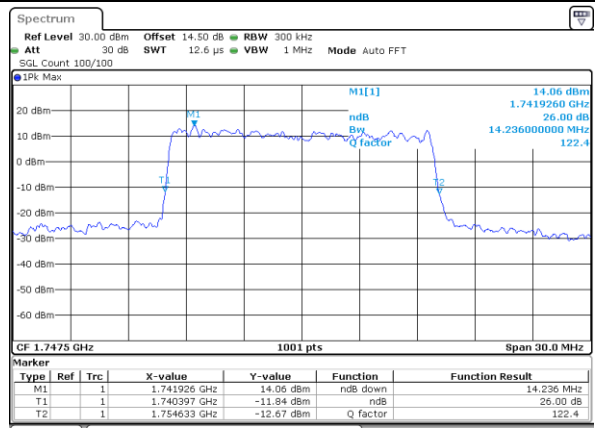
Date: 6.DEC.2017 09:37:19

Highest Channel / 15MHz / QPSK



Date: 6.DEC.2017 09:39:42

Highest Channel / 15MHz / 16QAM

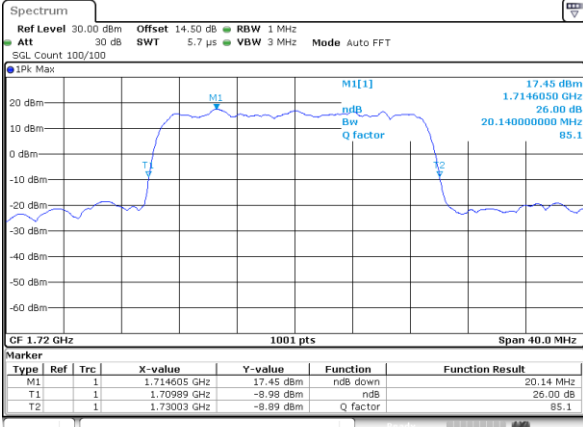


Date: 6.DEC.2017 09:39:52



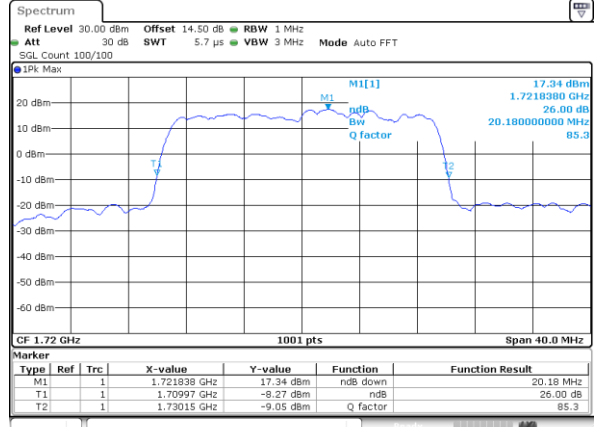
LTE Band 4

Lowest Channel / 20MHz / QPSK



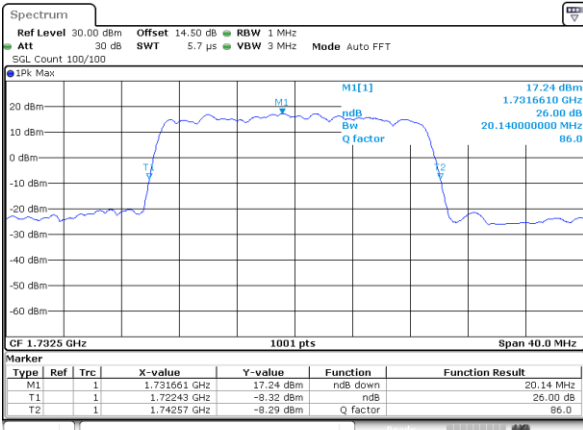
Date: 6.DEC.2017 09:46:51

Lowest Channel / 20MHz / 16QAM



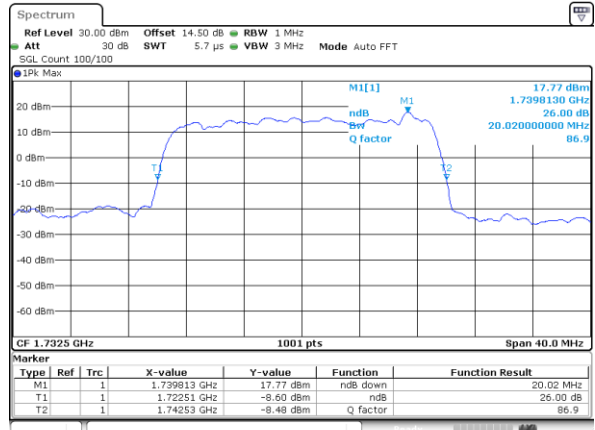
Date: 6.DEC.2017 09:47:01

Middle Channel / 20MHz / QPSK



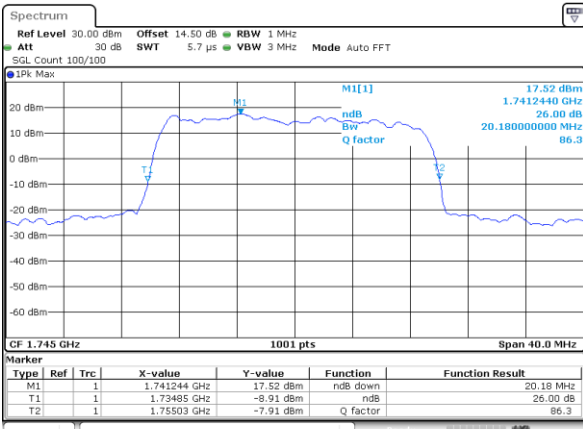
Date: 6.DEC.2017 09:54:01

Middle Channel / 20MHz / 16QAM



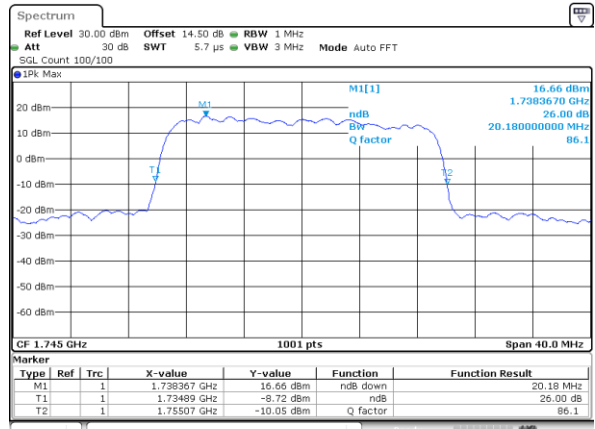
Date: 6.DEC.2017 09:54:11

Highest Channel / 20MHz / QPSK



Date: 6.DEC.2017 09:56:34

Highest Channel / 20MHz / 16QAM

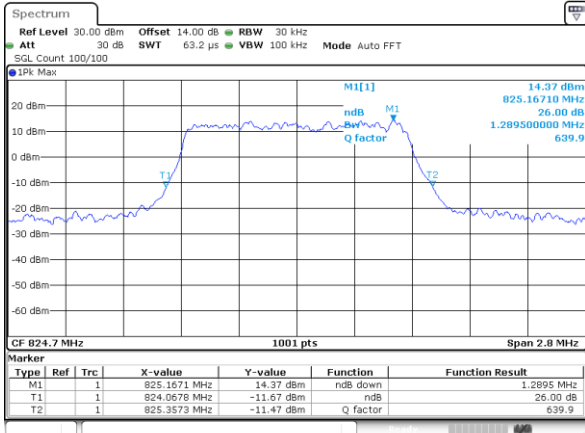


Date: 6.DEC.2017 09:56:44



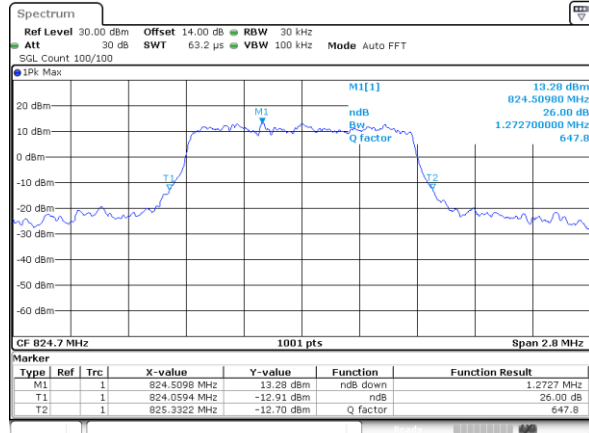
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



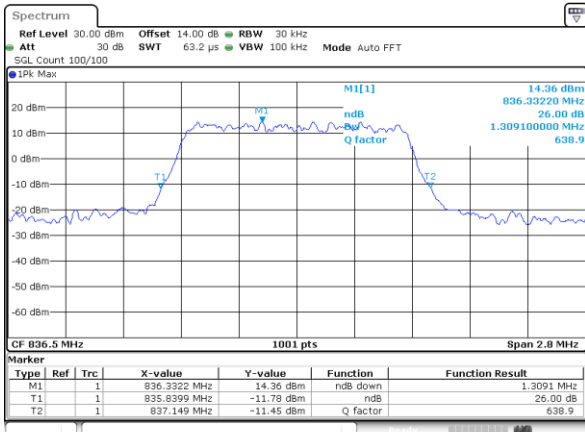
Date: 5,DEC,2017 12:22:05

Lowest Channel / 1.4MHz / 16QAM



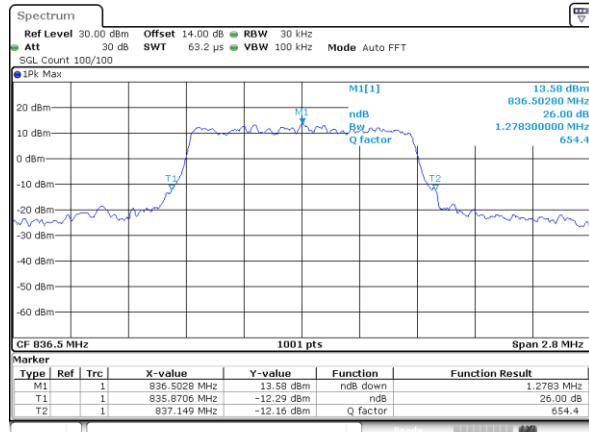
Date: 5,DEC,2017 12:21:55

Middle Channel / 1.4MHz / QPSK



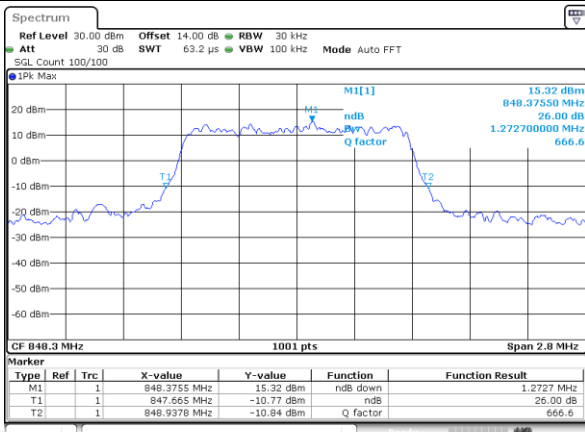
Date: 5,DEC,2017 12:31:05

Middle Channel / 1.4MHz / 16QAM



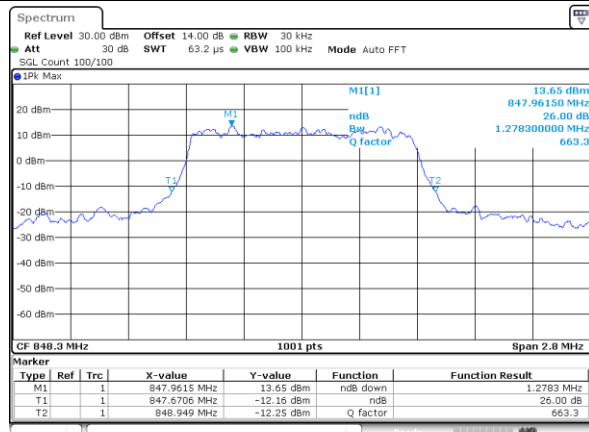
Date: 5,DEC,2017 12:31:15

Highest Channel / 1.4MHz / QPSK



Date: 5,DEC,2017 12:33:37

Highest Channel / 1.4MHz / 16QAM

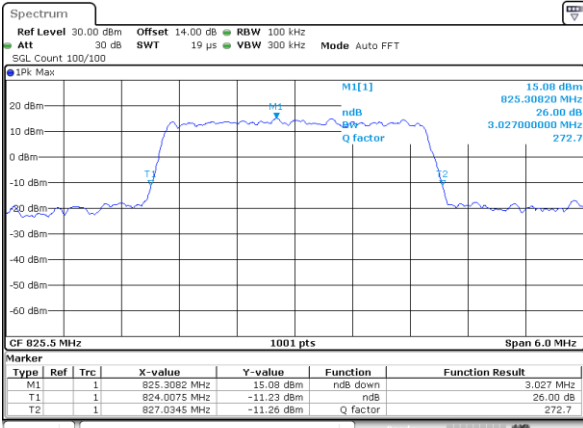


Date: 5,DEC,2017 12:33:47



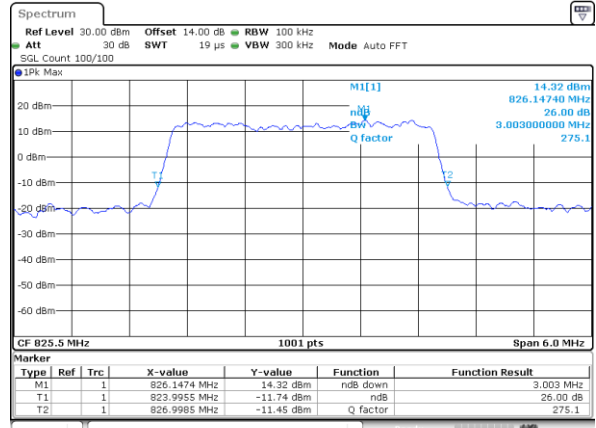
LTE Band 5

Lowest Channel / 3MHz / QPSK



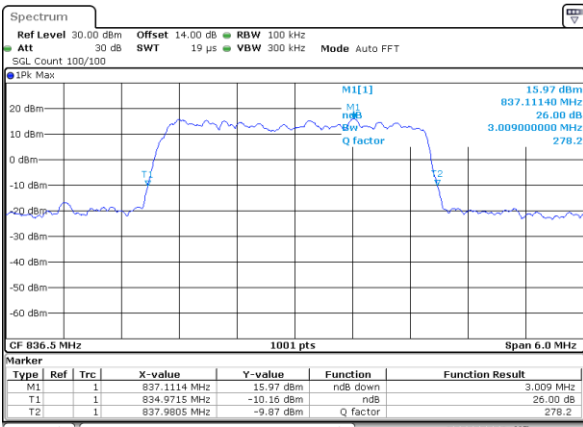
Date: 5,DEC,2017 12:42:49

Lowest Channel / 3MHz / 16QAM



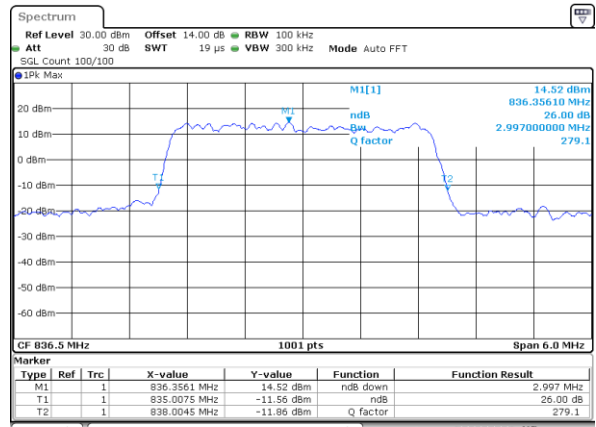
Date: 5,DEC,2017 12:42:59

Middle Channel / 3MHz / QPSK



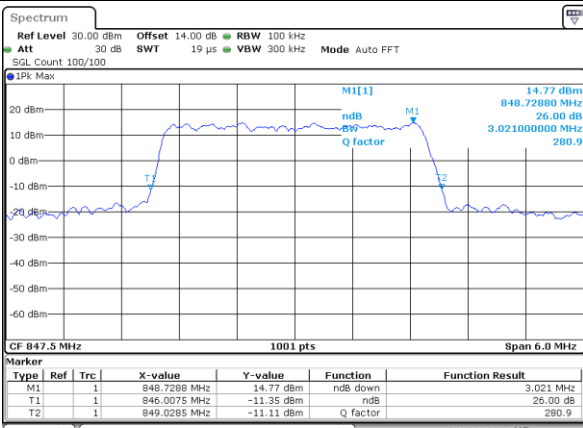
Date: 5,DEC,2017 12:52:00

Middle Channel / 3MHz / 16QAM



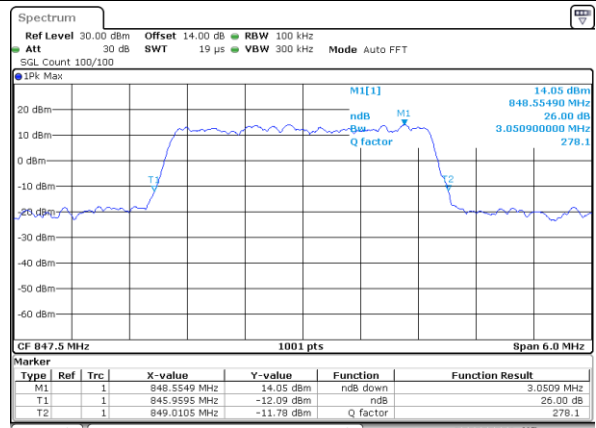
Date: 5,DEC,2017 12:52:09

Highest Channel / 3MHz / QPSK



Date: 5,DEC,2017 12:54:33

Highest Channel / 3MHz / 16QAM

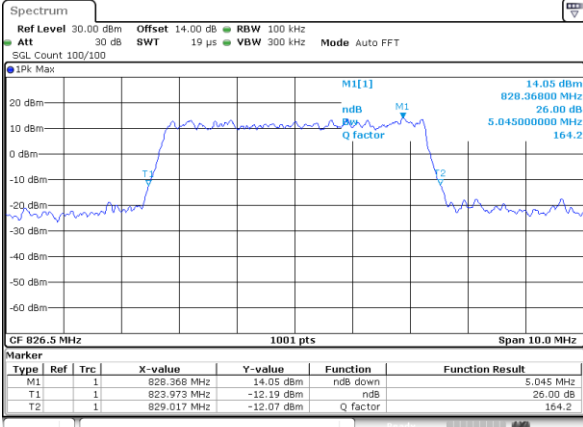


Date: 5,DEC,2017 12:54:43



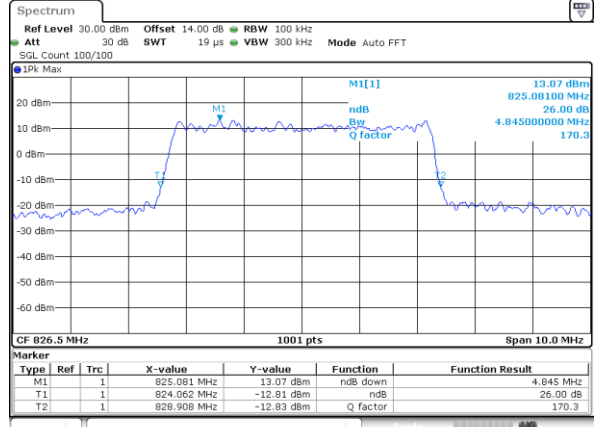
LTE Band 5

Lowest Channel / 5MHz / QPSK



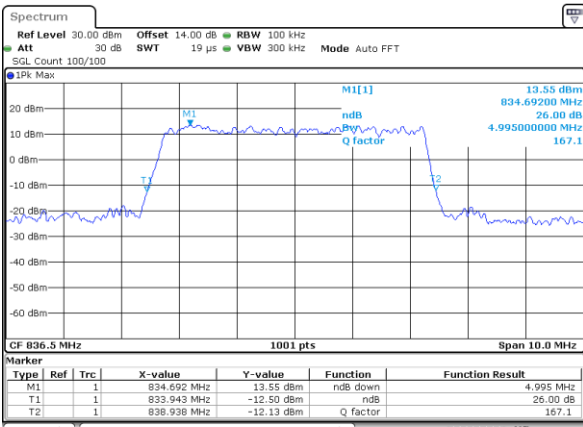
Date: 5,DEC,2017 13:03:44

Lowest Channel / 5MHz / 16QAM



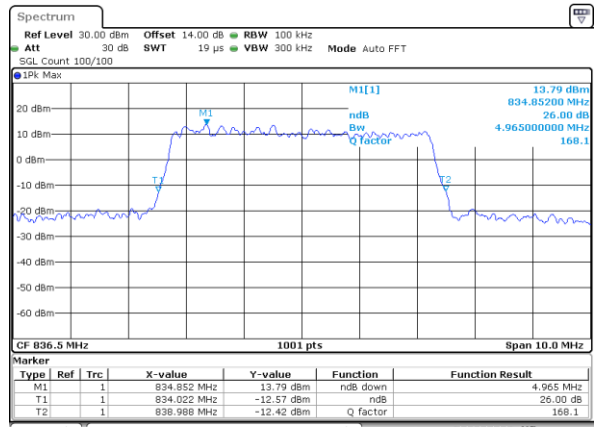
Date: 5,DEC,2017 13:03:54

Middle Channel / 5MHz / QPSK



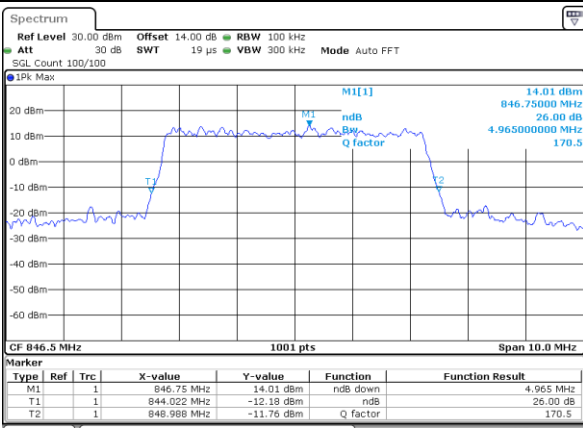
Date: 5,DEC,2017 13:12:55

Middle Channel / 5MHz / 16QAM



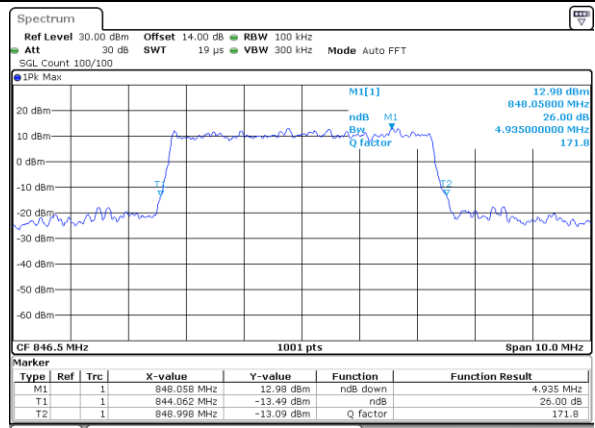
Date: 5,DEC,2017 13:13:05

Highest Channel / 5MHz / QPSK



Date: 5,DEC,2017 13:15:28

Highest Channel / 5MHz / 16QAM

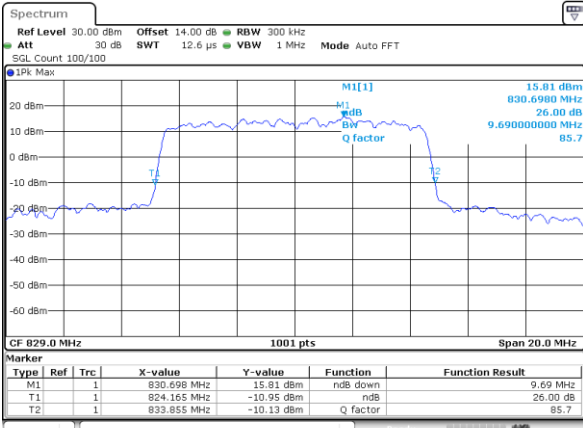


Date: 5,DEC,2017 13:15:38



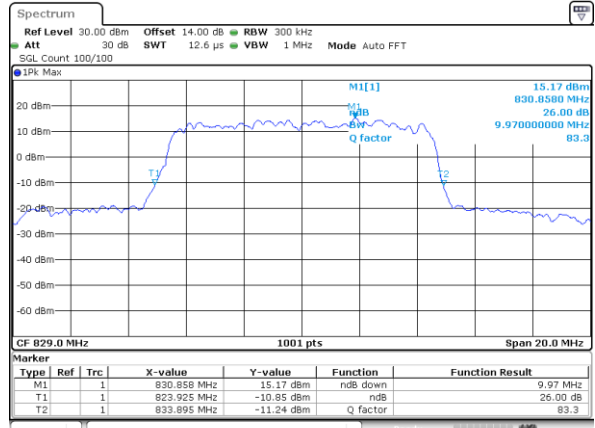
LTE Band 5

Lowest Channel / 10MHz / QPSK



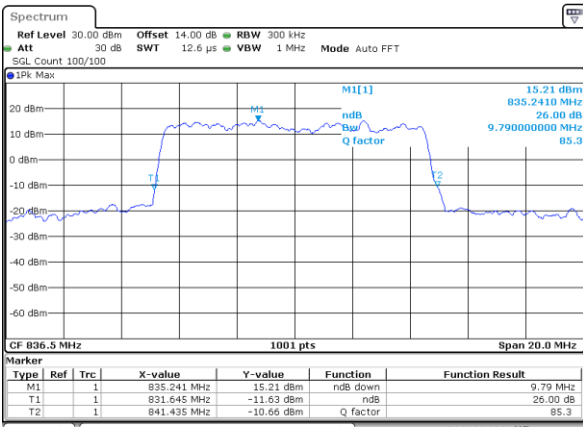
Date: 5,DEC,2017 13:24:38

Lowest Channel / 10MHz / 16QAM



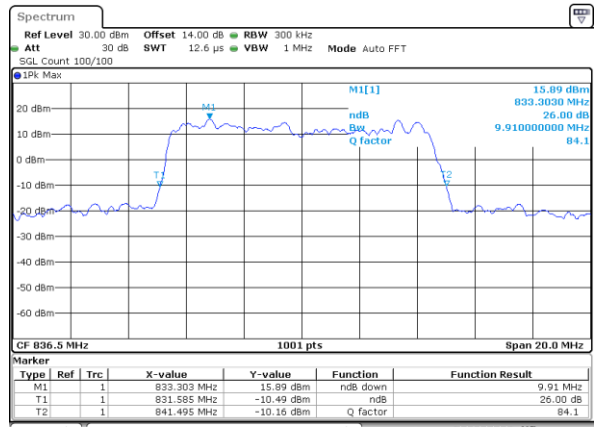
Date: 5,DEC,2017 13:24:48

Middle Channel / 10MHz / QPSK



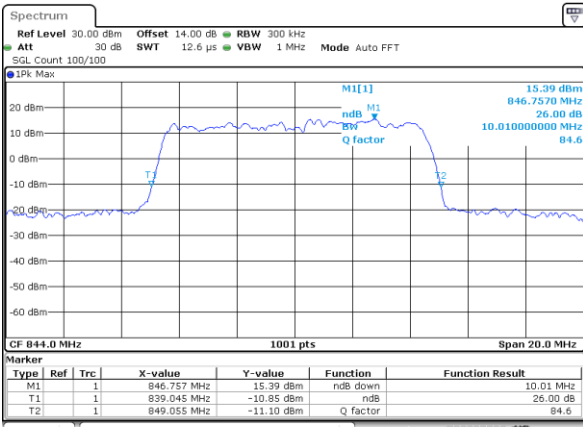
Date: 5,DEC,2017 13:33:49

Middle Channel / 10MHz / 16QAM



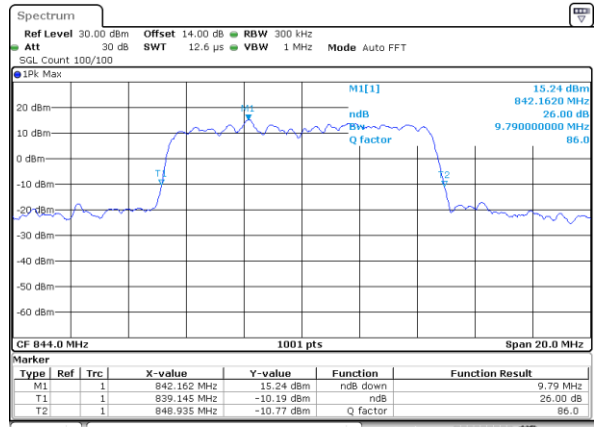
Date: 5,DEC,2017 13:33:59

Highest Channel / 10MHz / QPSK



Date: 5,DEC,2017 13:36:22

Highest Channel / 10MHz / 16QAM

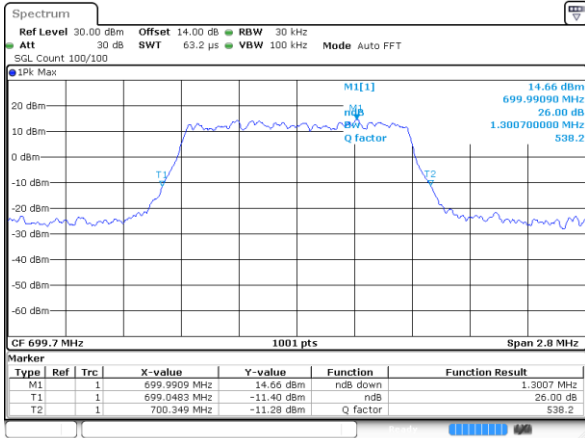


Date: 5,DEC,2017 13:36:32



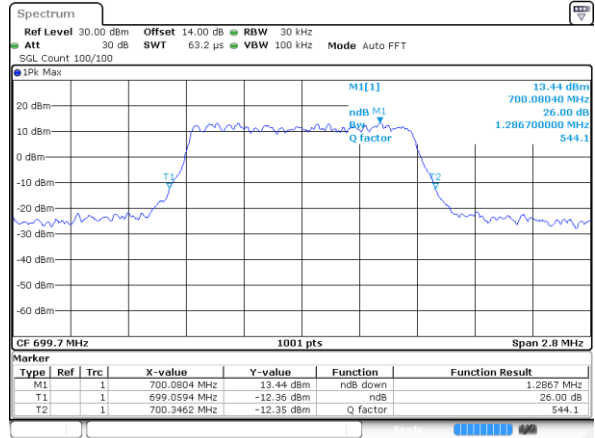
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



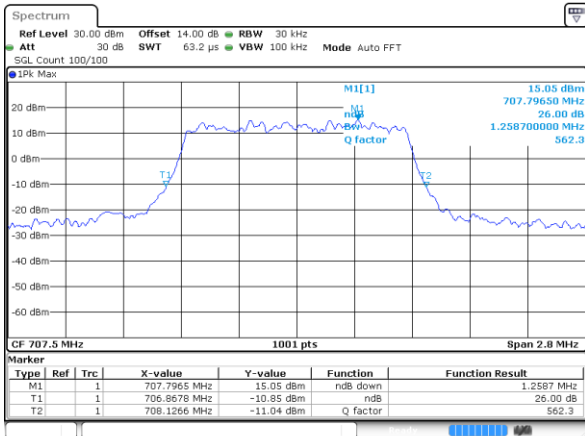
Date: 6 DEC 2017 15:12:22

Lowest Channel / 1.4MHz / 16QAM



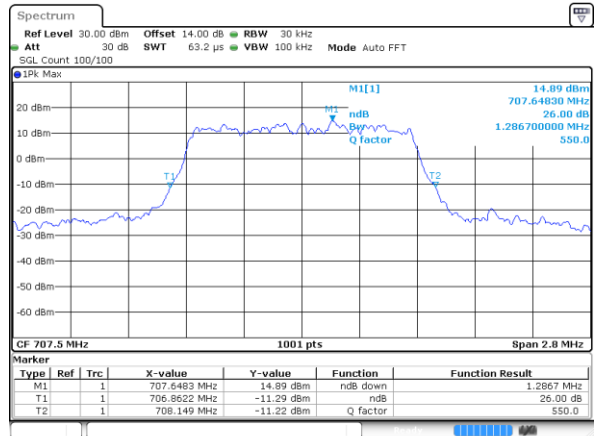
Date: 6 DEC 2017 15:12:12

Middle Channel / 1.4MHz / QPSK



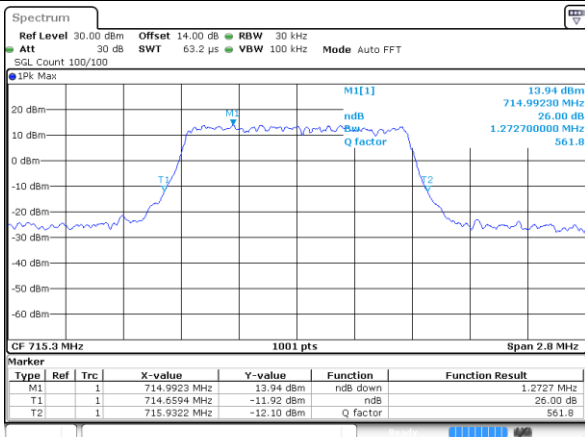
Date: 6 DEC 2017 15:19:21

Middle Channel / 1.4MHz / 16QAM



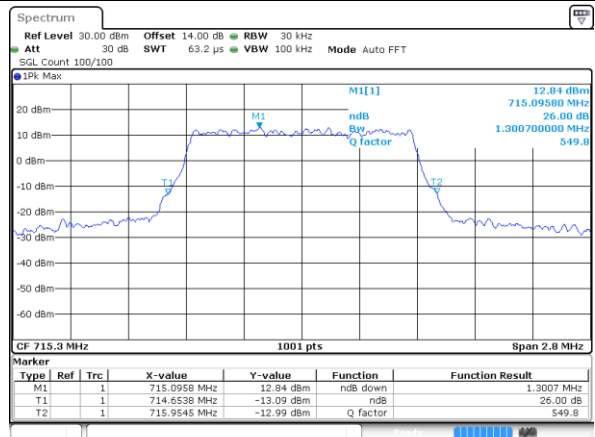
Date: 6 DEC 2017 15:19:31

Highest Channel / 1.4MHz / QPSK



Date: 6 DEC 2017 15:21:52

Highest Channel / 1.4MHz / 16QAM

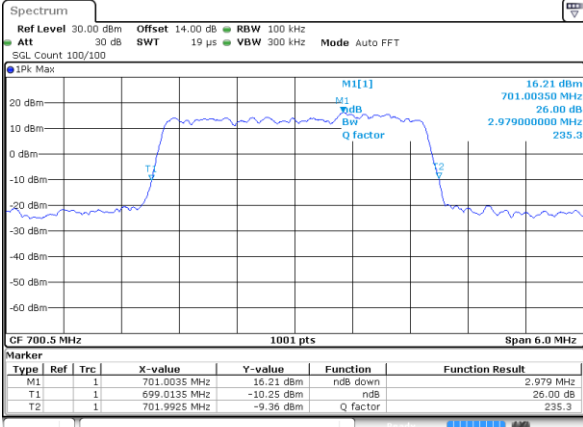


Date: 6 DEC 2017 15:22:01



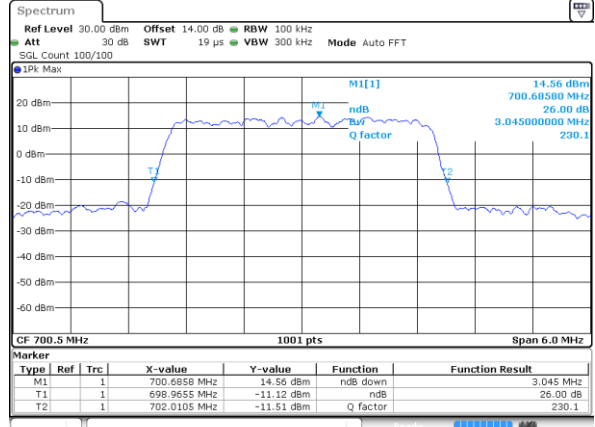
LTE Band 12

Lowest Channel / 3MHz / QPSK



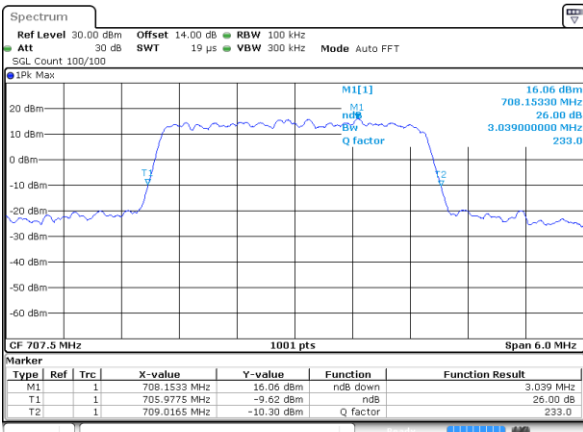
Date: 6 DEC 2017 14:17:17

Lowest Channel / 3MHz / 16QAM



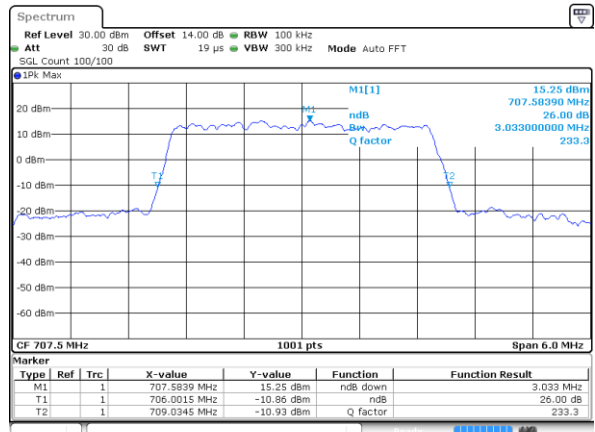
Date: 6 DEC 2017 14:17:27

Middle Channel / 3MHz / QPSK



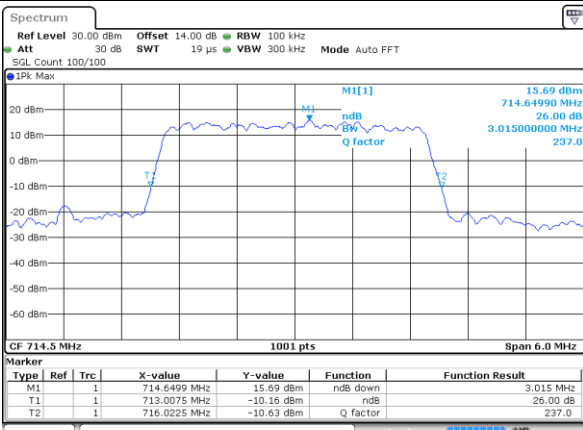
Date: 6 DEC 2017 14:24:24

Middle Channel / 3MHz / 16QAM



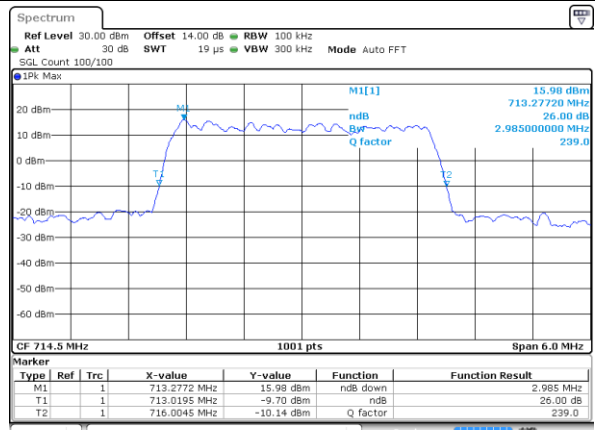
Date: 6 DEC 2017 14:24:34

Highest Channel / 3MHz / QPSK



Date: 6 DEC 2017 14:26:54

Highest Channel / 3MHz / 16QAM

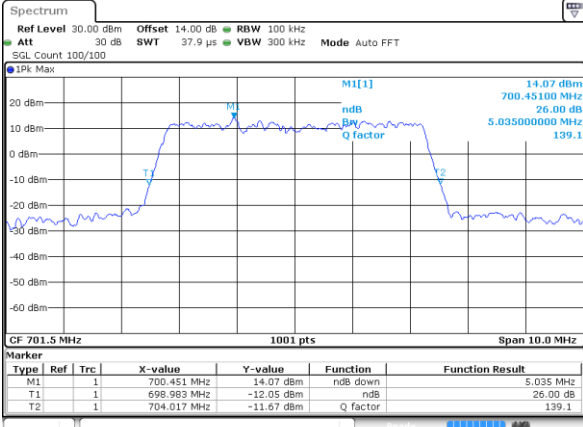


Date: 6 DEC 2017 14:27:04



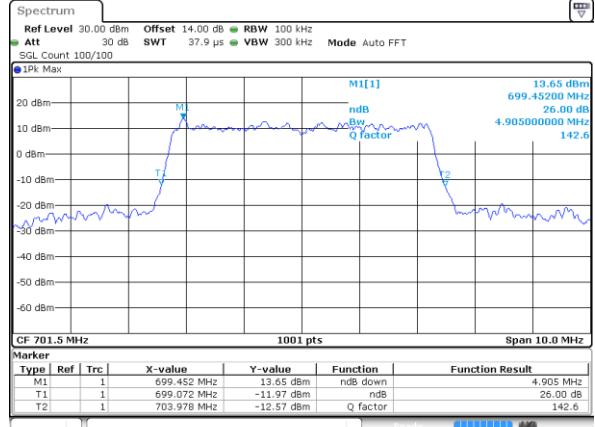
LTE Band 12

Lowest Channel / 5MHz / QPSK



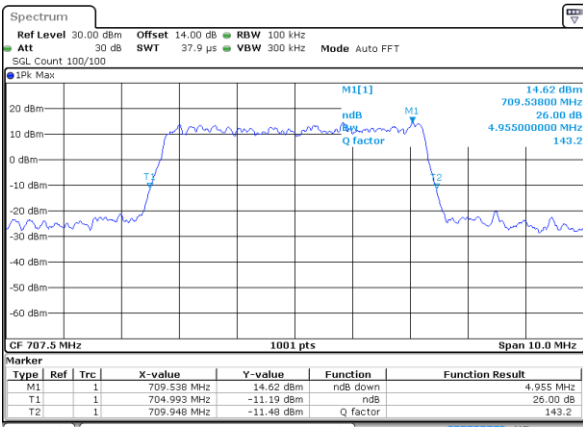
Date: 6 DEC 2017 14:34:56

Lowest Channel / 5MHz / 16QAM



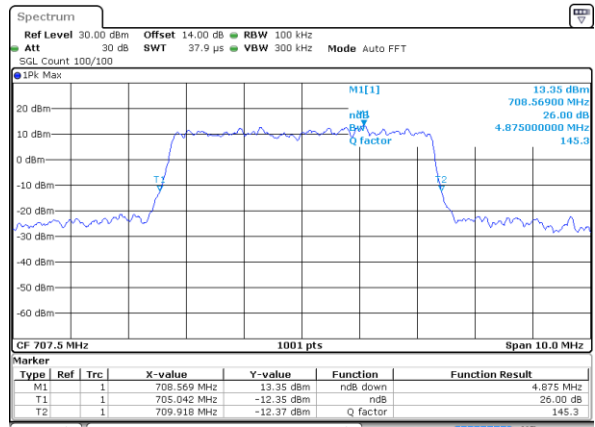
Date: 6 DEC 2017 14:35:06

Middle Channel / 5MHz / QPSK



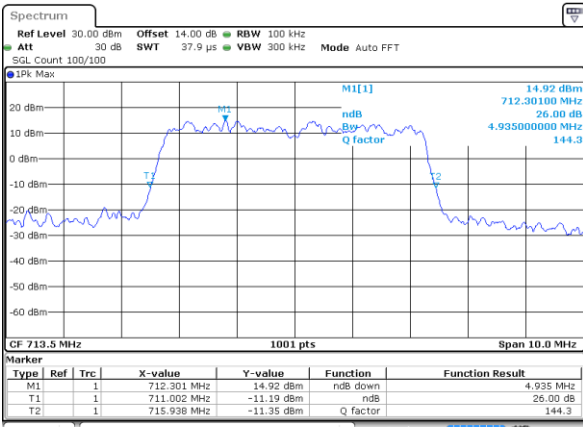
Date: 6 DEC 2017 14:42:06

Middle Channel / 5MHz / 16QAM



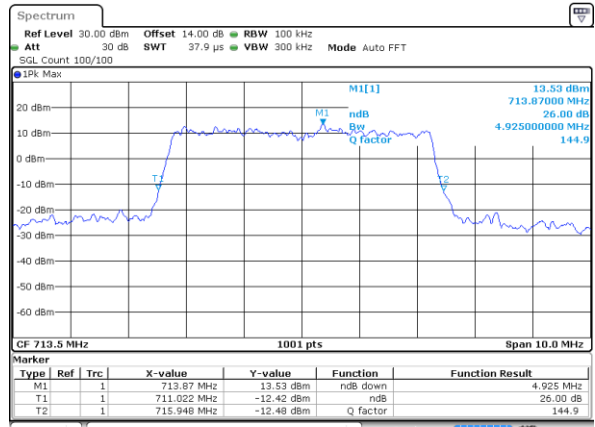
Date: 6 DEC 2017 14:42:16

Highest Channel / 5MHz / QPSK



Date: 6 DEC 2017 14:44:36

Highest Channel / 5MHz / 16QAM

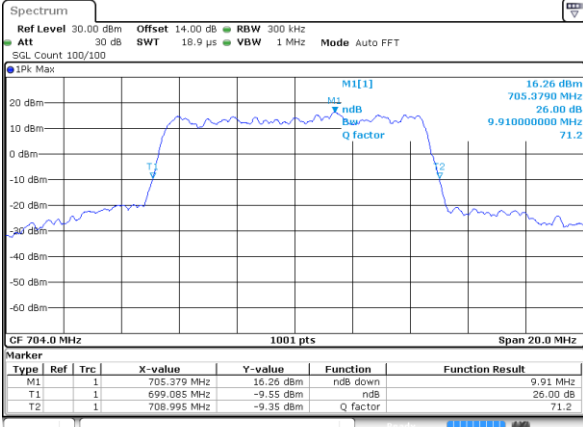


Date: 6 DEC 2017 14:44:46



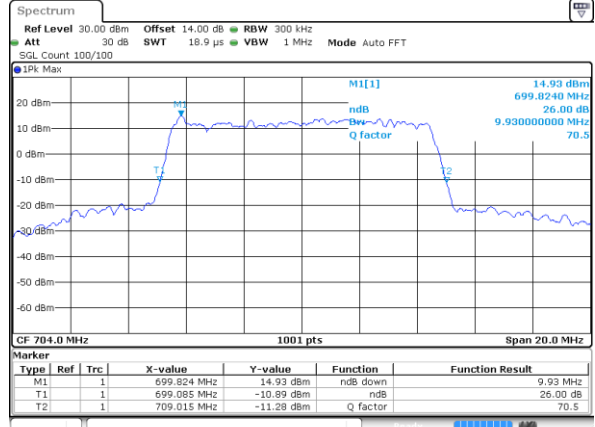
LTE Band 12

Lowest Channel / 10MHz / QPSK



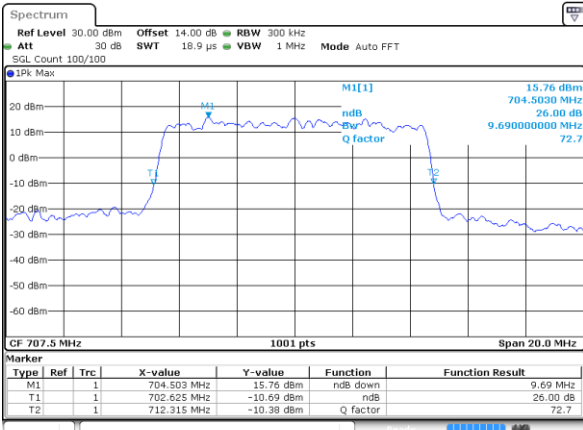
Date: 6 DEC 2017 14:52:26

Lowest Channel / 10MHz / 16QAM



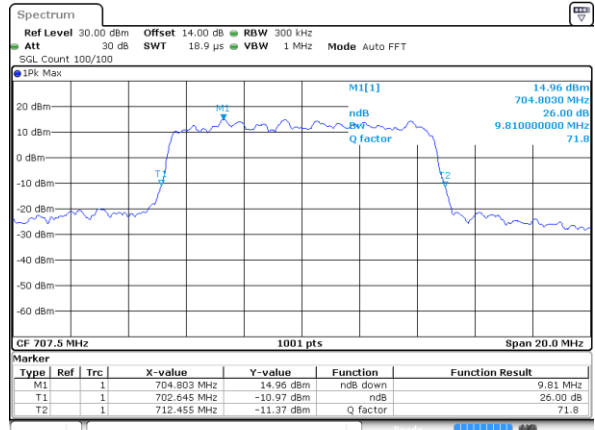
Date: 6 DEC 2017 14:52:36

Middle Channel / 10MHz / QPSK



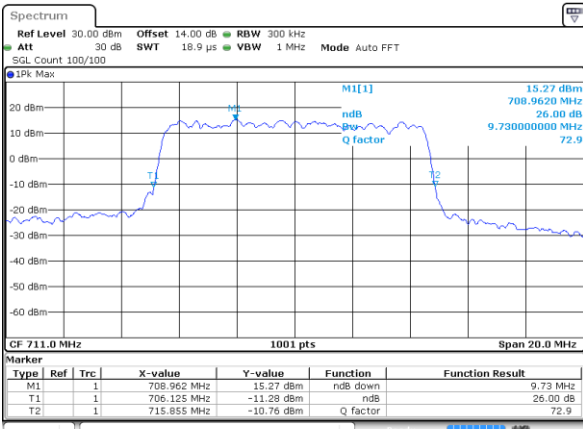
Date: 6 DEC 2017 14:59:36

Middle Channel / 10MHz / 16QAM



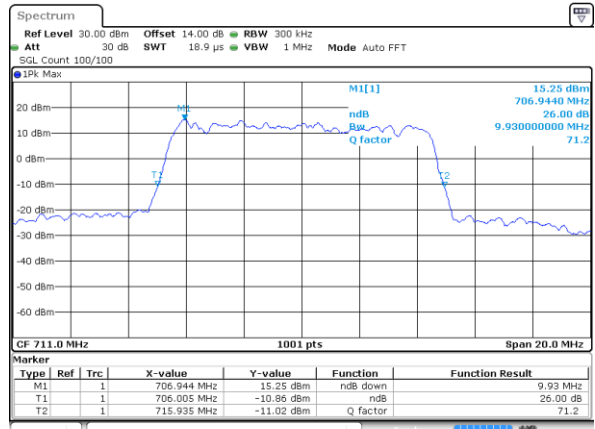
Date: 6 DEC 2017 14:59:46

Highest Channel / 10MHz / QPSK



Date: 6 DEC 2017 15:02:06

Highest Channel / 10MHz / 16QAM

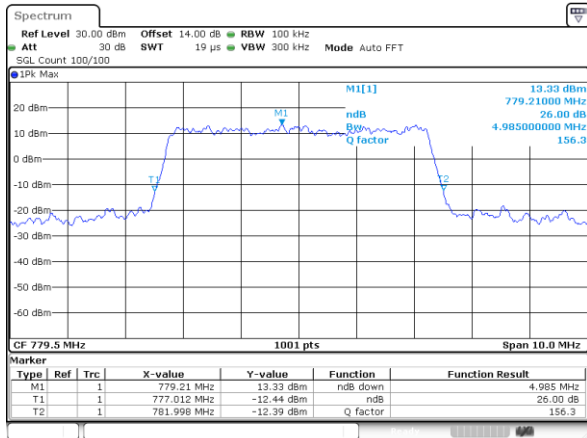


Date: 6 DEC 2017 15:02:16



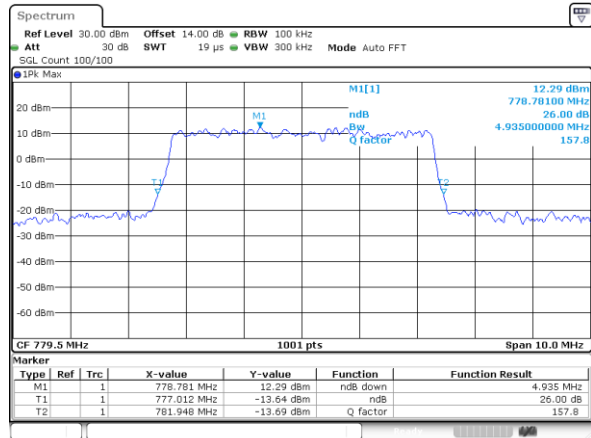
LTE Band 13

Lowest Channel / 5MHz / QPSK



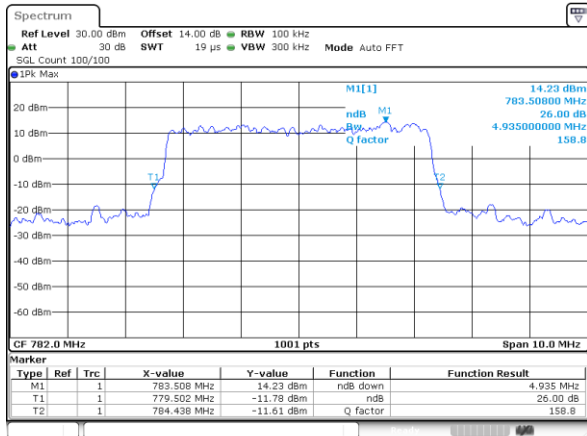
Date: 5,DEC,2017 14:09:57

Lowest Channel / 5MHz / 16QAM



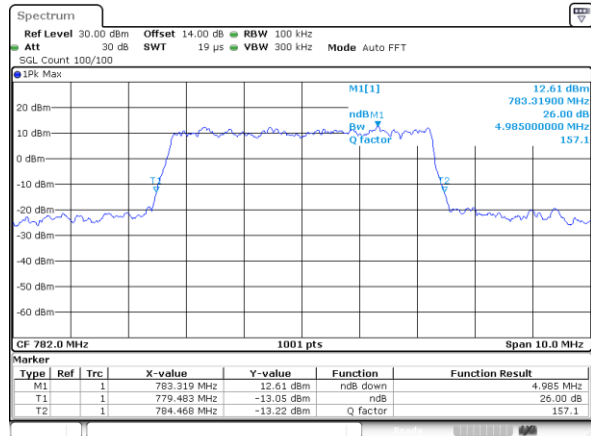
Date: 5,DEC,2017 14:10:07

Middle Channel / 5MHz / QPSK



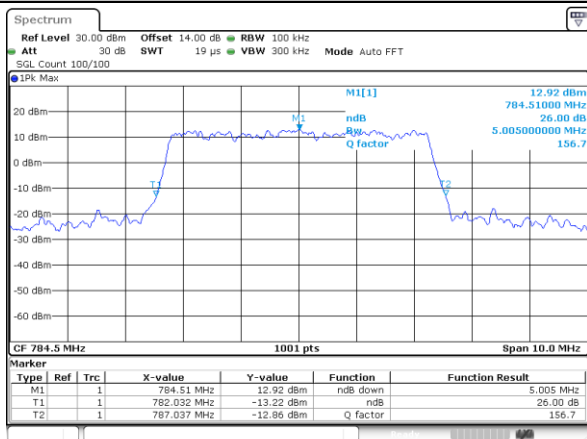
Date: 5,DEC,2017 14:19:09

Middle Channel / 5MHz / 16QAM



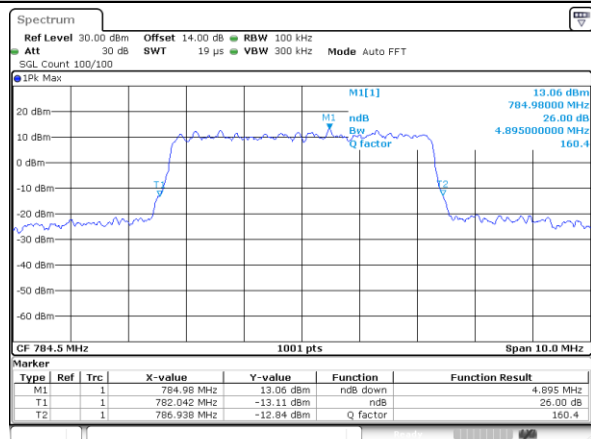
Date: 5,DEC,2017 14:19:19

Highest Channel / 5MHz / QPSK



Date: 5,DEC,2017 14:21:41

Highest Channel / 5MHz / 16QAM

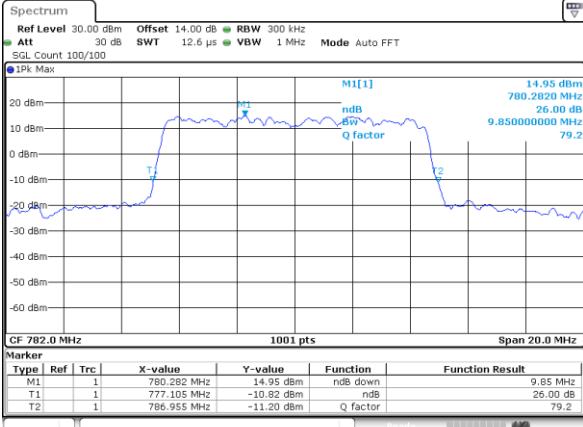


Date: 5,DEC,2017 14:21:51



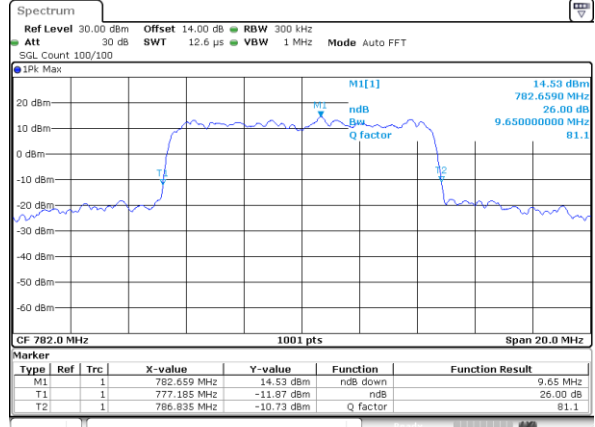
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 5,DEC,2017 14:30:51

Middle Channel / 10MHz / 16QAM

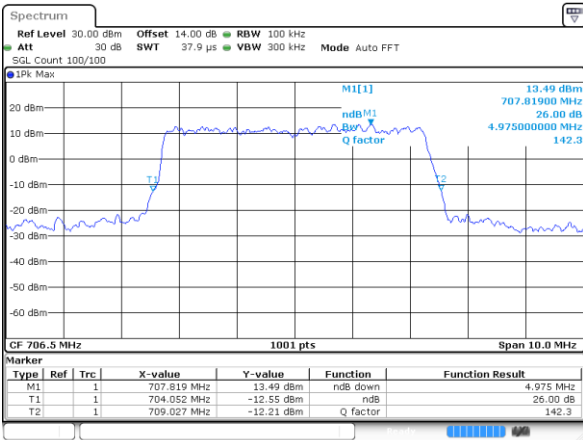


Date: 5,DEC,2017 14:31:01



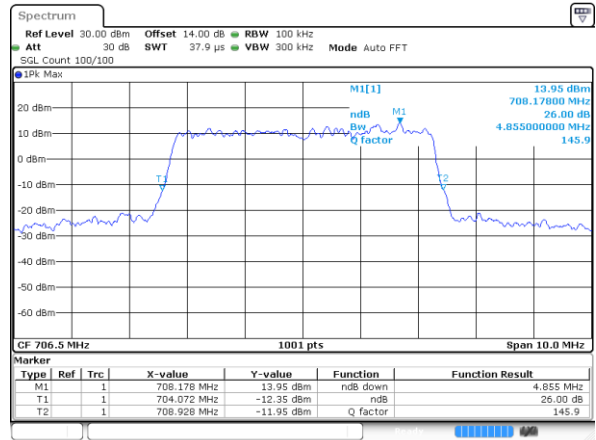
LTE Band 17

Lowest Channel / 5MHz / QPSK



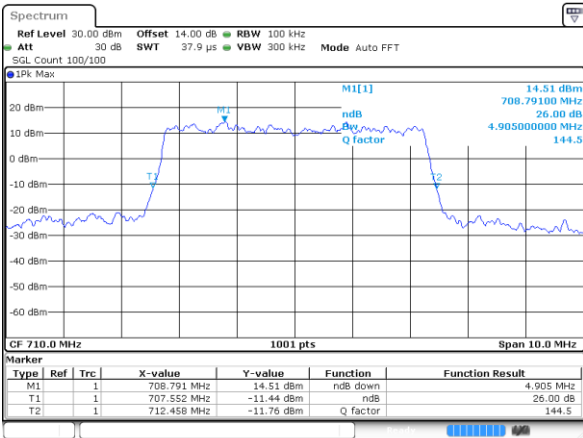
Date: 6 DEC 2017 15:40:49

Lowest Channel / 5MHz / 16QAM



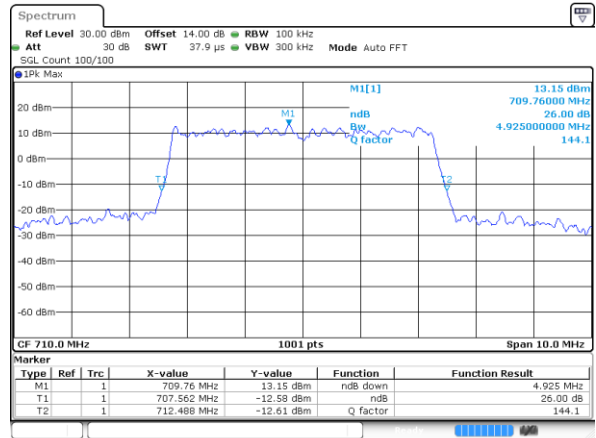
Date: 6 DEC 2017 15:40:59

Middle Channel / 5MHz / QPSK



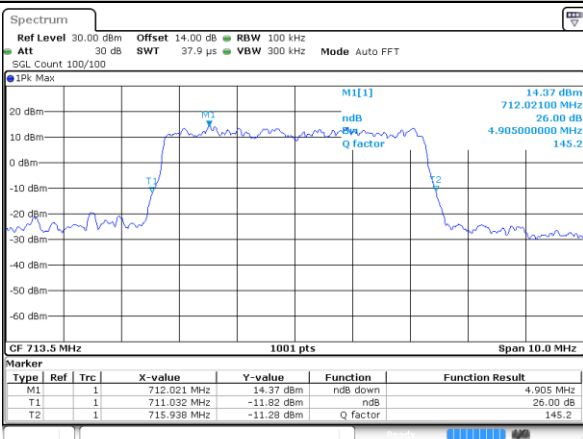
Date: 6 DEC 2017 15:48:00

Middle Channel / 5MHz / 16QAM



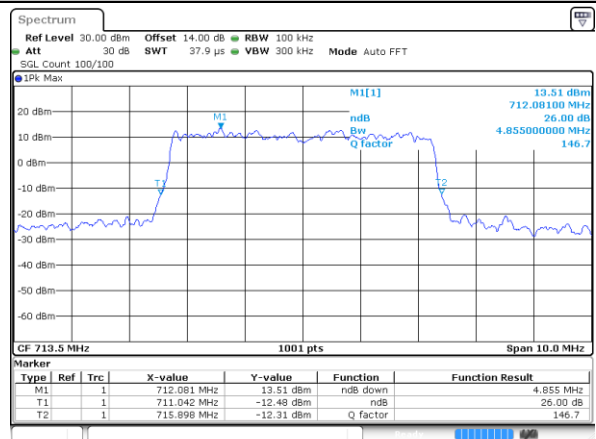
Date: 6 DEC 2017 15:48:09

Highest Channel / 5MHz / QPSK



Date: 6 DEC 2017 15:50:30

Highest Channel / 5MHz / 16QAM

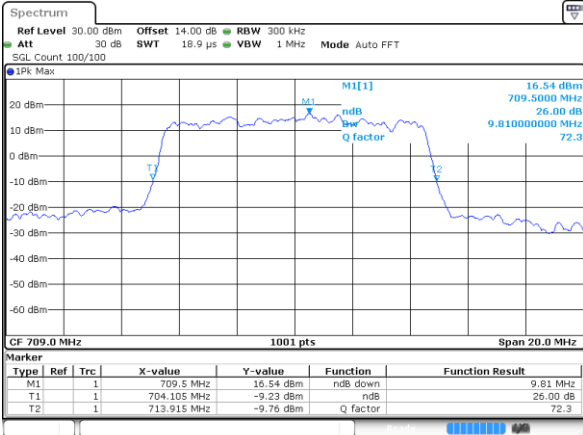


Date: 6 DEC 2017 15:50:40



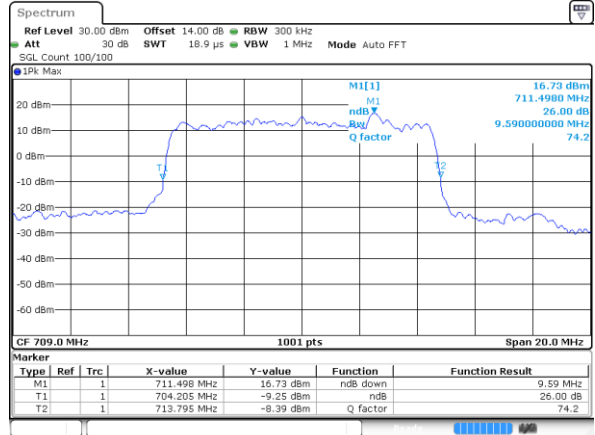
LTE Band 17

Lowest Channel / 10MHz / QPSK



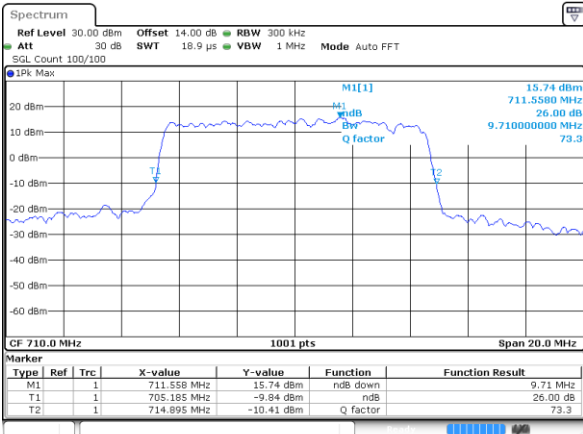
Date: 6 DEC 2017 15:58:44

Lowest Channel / 10MHz / 16QAM



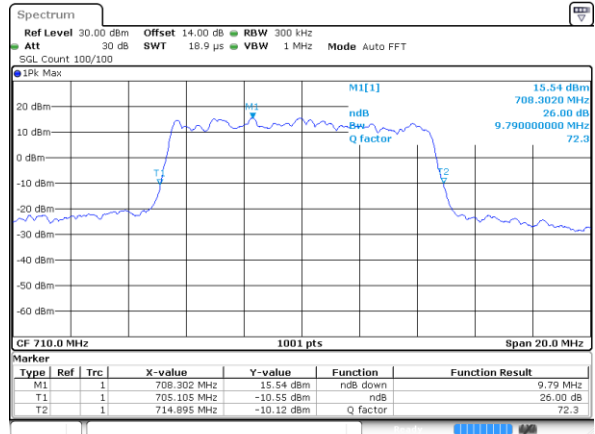
Date: 6 DEC 2017 15:58:54

Middle Channel / 10MHz / QPSK



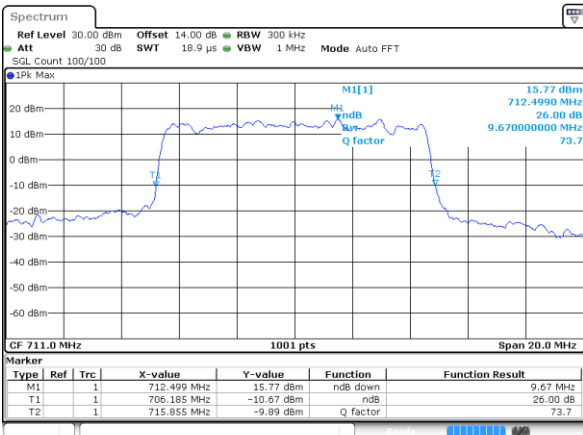
Date: 6 DEC 2017 16:05:52

Middle Channel / 10MHz / 16QAM



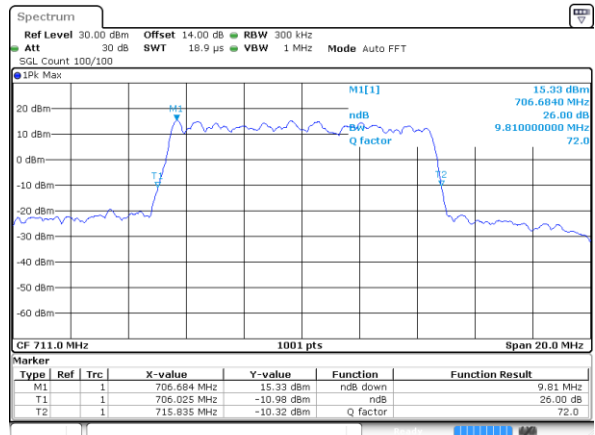
Date: 6 DEC 2017 16:06:02

Highest Channel / 10MHz / QPSK



Date: 6 DEC 2017 16:08:23

Highest Channel / 10MHz / 16QAM



Date: 6 DEC 2017 16:08:33



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	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	2.72	2.71	4.5	4.5	9.03	9.03	13.43	13.46	18.34	18.3
Middle CH	1.09	1.1	2.72	2.72	4.51	4.52	9.03	9.01	13.46	13.43	18.38	18.38
Highest CH	1.09	1.09	2.72	2.72	4.49	4.5	8.97	8.95	13.28	13.37	18.18	18.14

Mode	LTE Band 4 : 99%OBW(MHz)											
	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	2.73	2.7	4.49	4.47	9.01	9.07	13.49	13.49	18.38	18.34
Middle CH	1.09	1.09	2.72	2.72	4.5	4.5	9.05	9.03	13.43	13.4	18.46	18.46
Highest CH	1.09	1.09	2.7	2.73	4.51	4.51	9.05	8.97	13.4	13.46	18.22	18.3

Mode	LTE Band 5 : 99%OBW(MHz)											
	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	2.75	2.72	4.51	4.5	8.97	9.01	-	-	-	-
Middle CH	1.1	1.09	2.72	2.75	4.5	4.5	9.07	9.03	-	-	-	-
Highest CH	1.1	1.09	2.72	2.71	4.49	4.5	9.07	9.05	-	-	-	-

Mode	LTE Band 12 : 99%OBW(MHz)											
	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	2.73	2.72	4.49	4.5	9.05	9.01	-	-	-	-
Middle CH	1.09	1.1	2.72	2.73	4.52	4.51	9.03	9.05	-	-	-	-
Highest CH	1.1	1.09	2.72	2.73	4.5	4.51	9.01	9.03	-	-	-	-



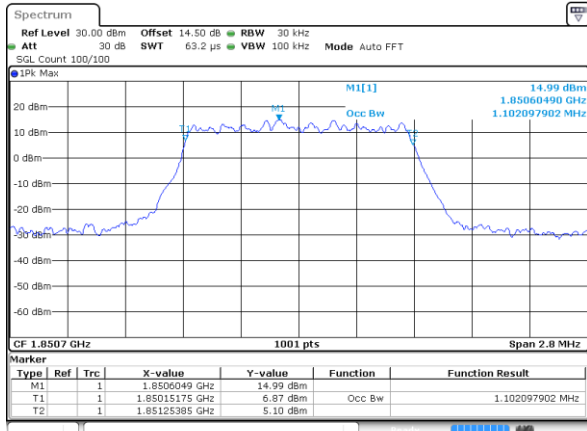
Mode	LTE Band 13 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.51	4.49	-	-	-	-	-	-
Middle CH	-	-	-	-	4.49	4.5	9.05	9.01	-	-	-	-
Highest CH	-	-	-	-	4.49	4.47	-	-	-	-	-	-

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.52	4.5	9.01	9.05	-	-	-	-
Middle CH	-	-	-	-	4.5	4.51	9.07	8.99	-	-	-	-
Highest CH	-	-	-	-	4.5	4.5	9.01	8.97	-	-	-	-



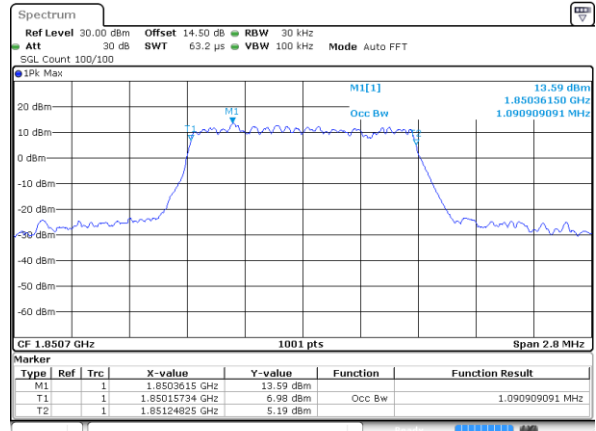
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



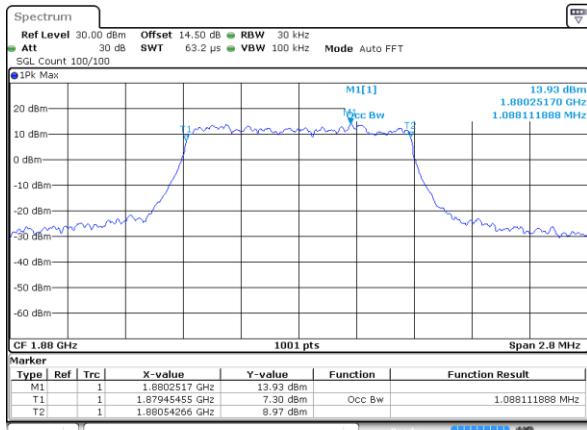
Date: 5 DEC 2017 08:49:29

Lowest Channel / 1.4MHz / 16QAM



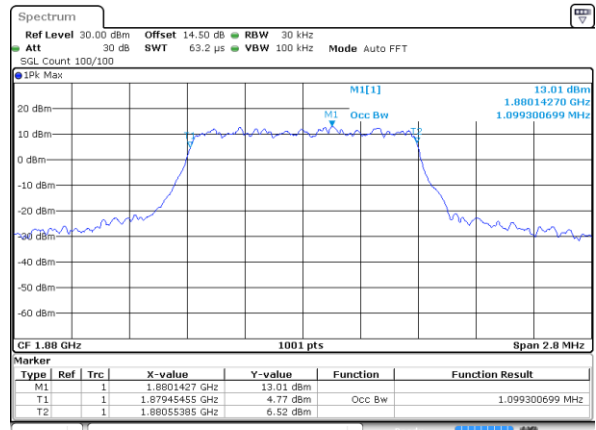
Date: 5 DEC 2017 08:49:39

Middle Channel / 1.4MHz / QPSK



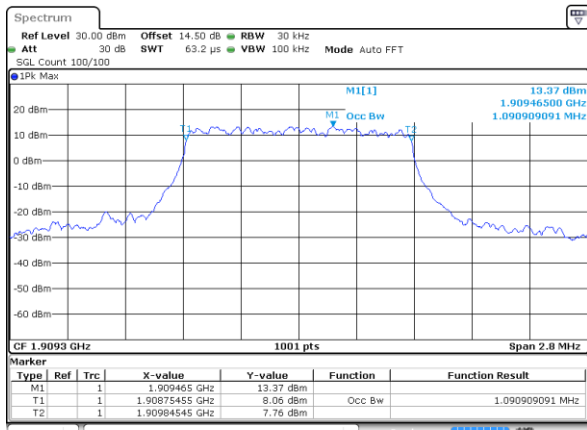
Date: 5 DEC 2017 08:56:33

Middle Channel / 1.4MHz / 16QAM



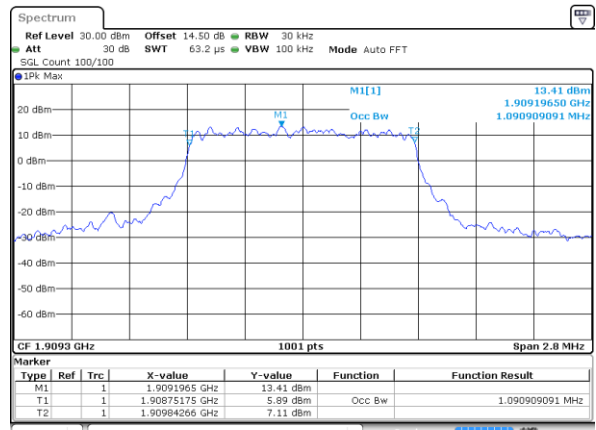
Date: 5 DEC 2017 08:56:43

Highest Channel / 1.4MHz / QPSK



Date: 5 DEC 2017 08:59:02

Highest Channel / 1.4MHz / 16QAM

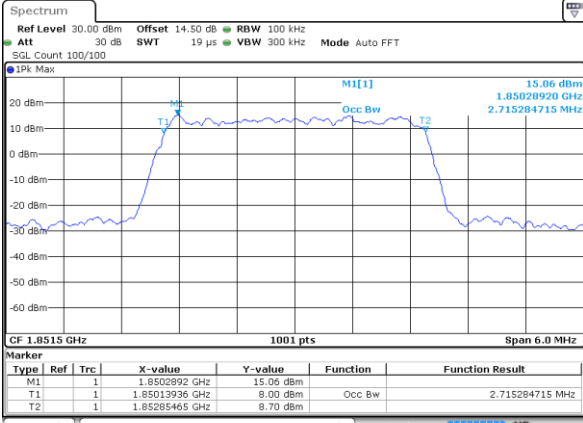


Date: 5 DEC 2017 08:59:12



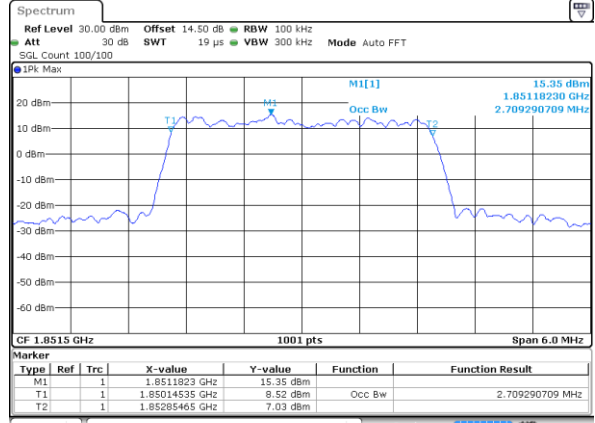
LTE Band 2

Lowest Channel / 3MHz / QPSK



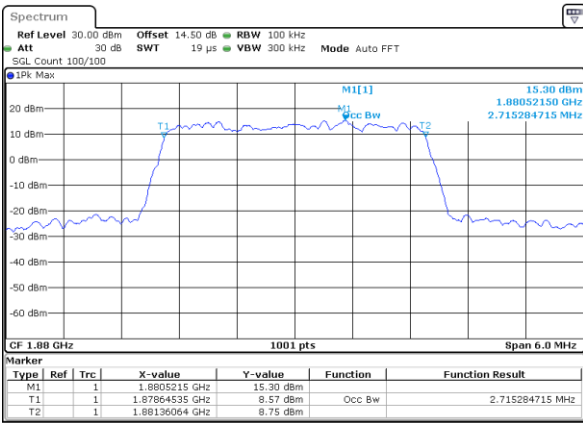
Date: 5 DEC 2017 09:06:05

Lowest Channel / 3MHz / 16QAM



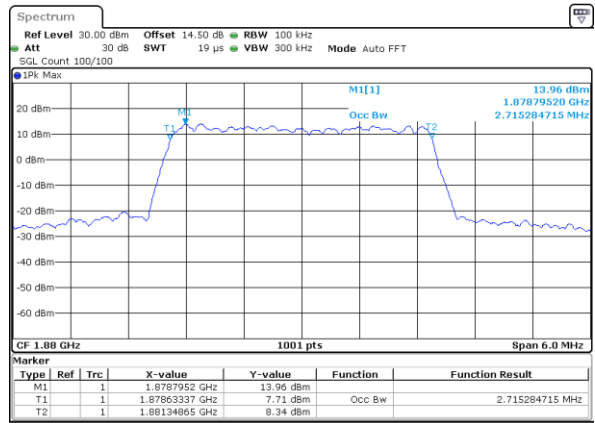
Date: 5 DEC 2017 09:06:15

Middle Channel / 3MHz / QPSK



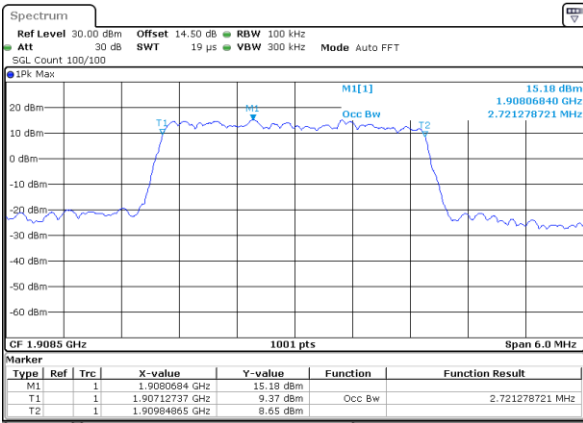
Date: 5 DEC 2017 09:13:08

Middle Channel / 3MHz / 16QAM



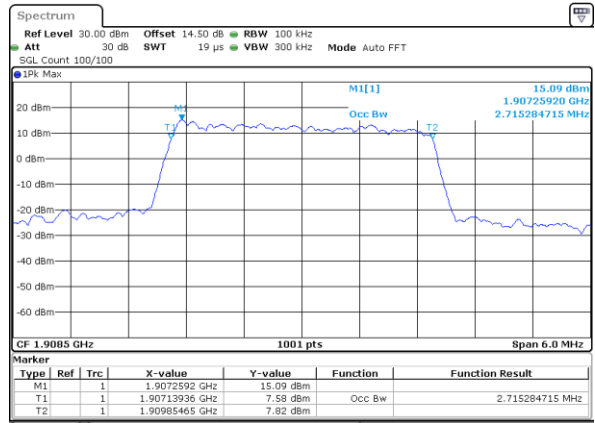
Date: 5 DEC 2017 09:13:18

Highest Channel / 3MHz / QPSK



Date: 5 DEC 2017 09:15:37

Highest Channel / 3MHz / 16QAM

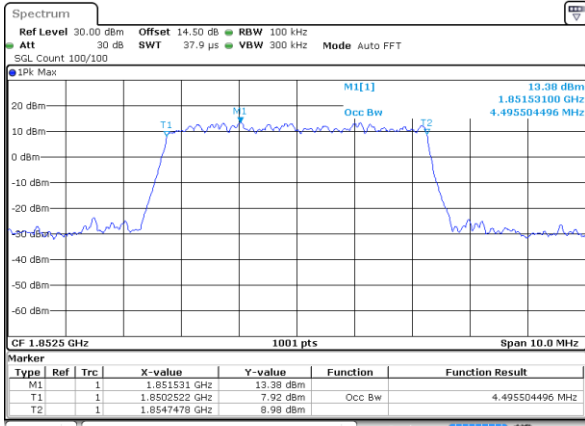


Date: 5 DEC 2017 09:15:47



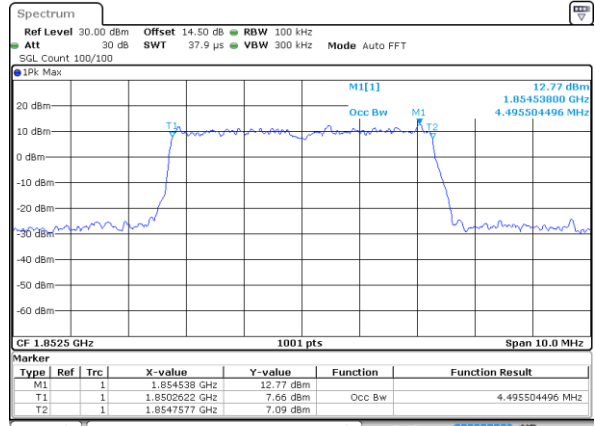
LTE Band 2

Lowest Channel / 5MHz / QPSK



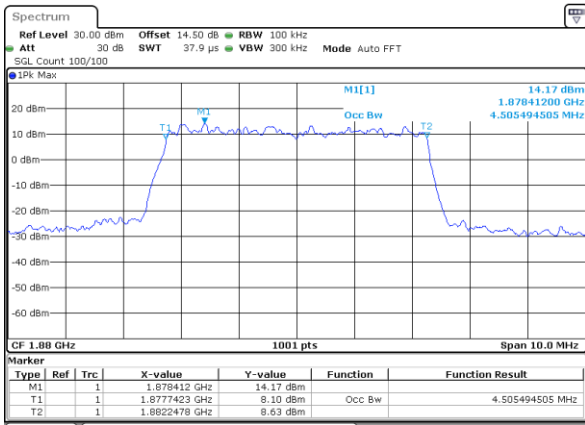
Date: 5 DEC 2017 09:22:40

Lowest Channel / 5MHz / 16QAM



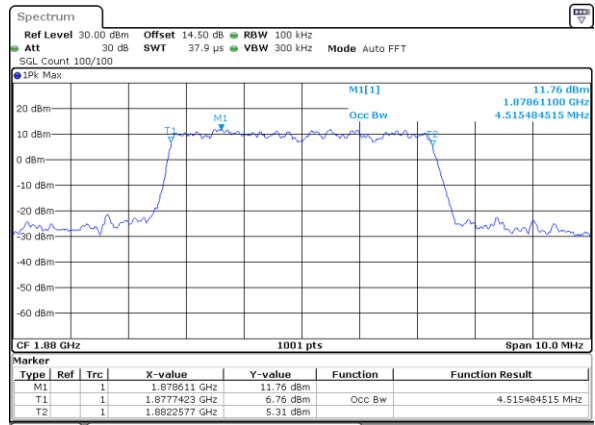
Date: 5 DEC 2017 09:22:50

Middle Channel / 5MHz / QPSK



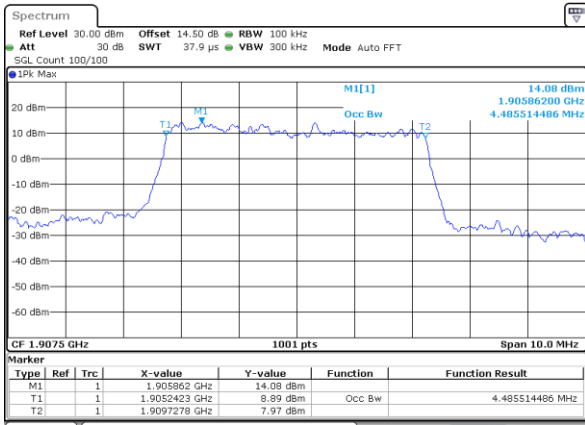
Date: 5 DEC 2017 09:29:43

Middle Channel / 5MHz / 16QAM



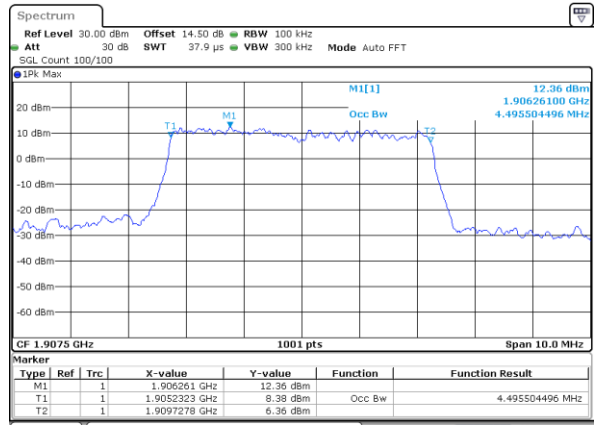
Date: 5 DEC 2017 09:29:54

Highest Channel / 5MHz / QPSK



Date: 5 DEC 2017 09:32:12

Highest Channel / 5MHz / 16QAM



Date: 5 DEC 2017 09:32:22