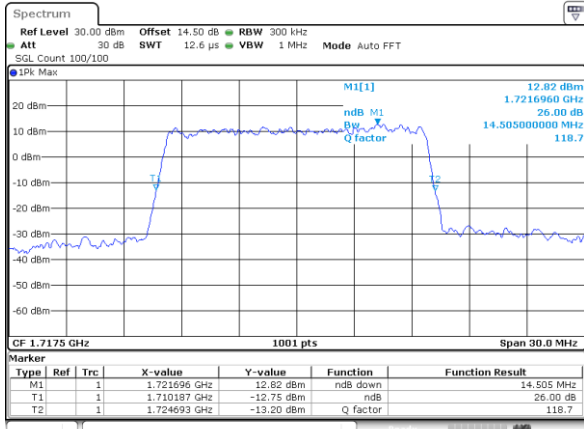




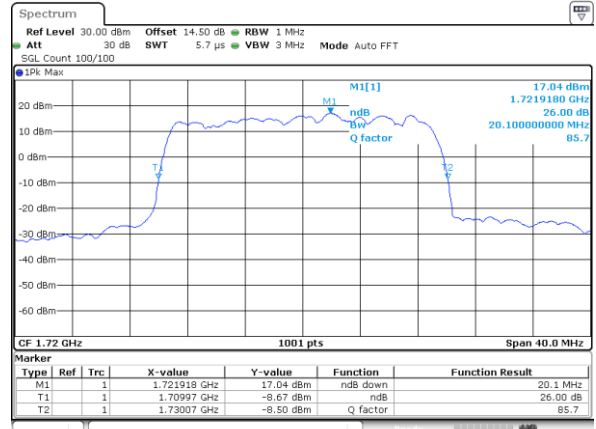
LTE Band 4

Lowest Channel / 15MHz / 64QAM



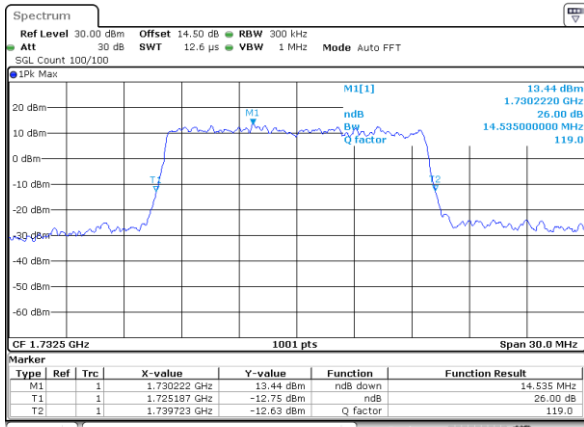
Date: 6.FEB.2018 21:09:26

Lowest Channel / 20MHz / 64QAM



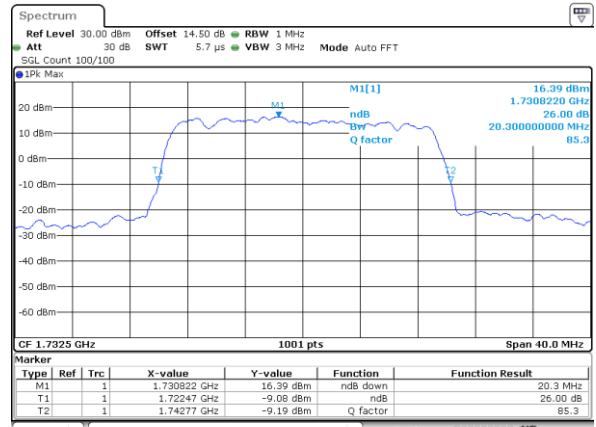
Date: 6.FEB.2018 21:17:51

Middle Channel / 15MHz / 64QAM



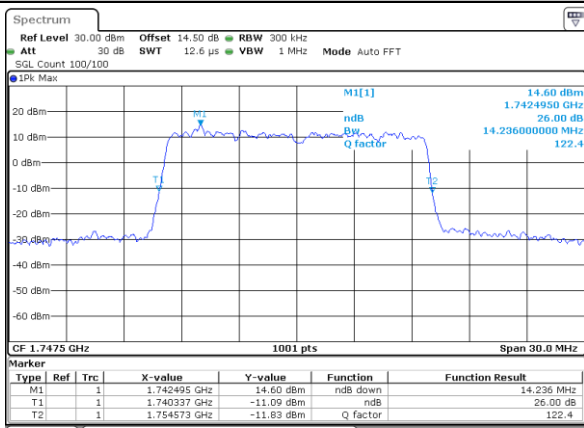
Date: 6.FEB.2018 21:13:00

Middle Channel / 20MHz / 64QAM



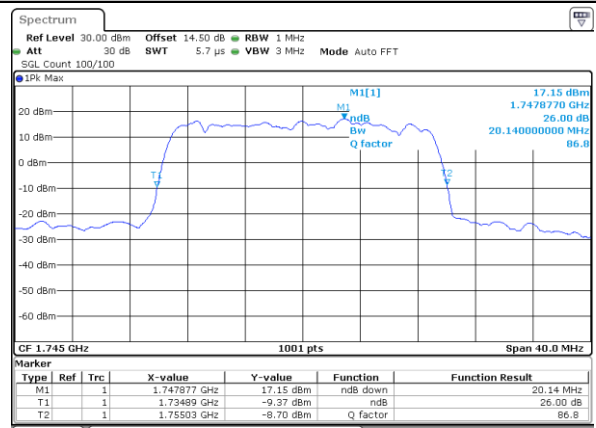
Date: 6.FEB.2018 21:21:25

Highest Channel / 15MHz / 64QAM



Date: 6.FEB.2018 21:14:16

Highest Channel / 20MHz / 64QAM

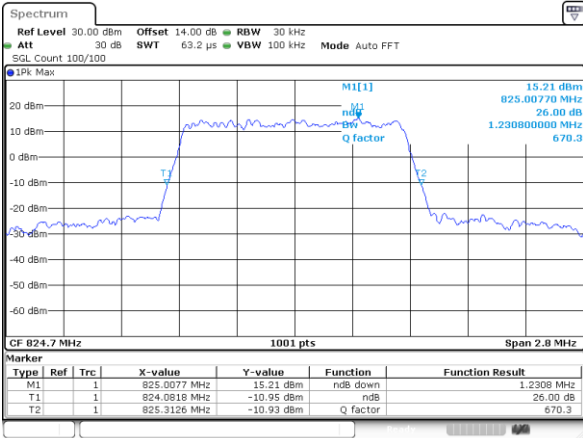


Date: 6.FEB.2018 21:22:41



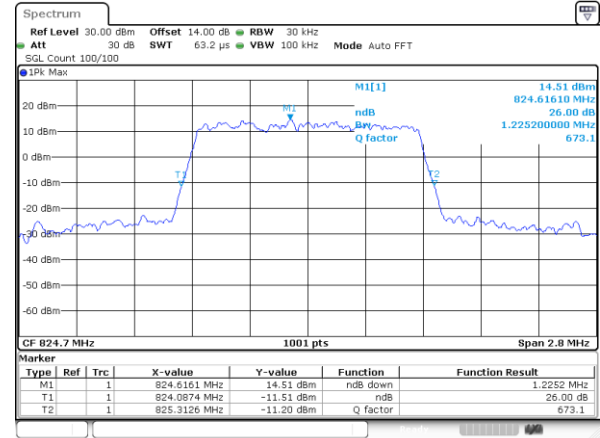
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



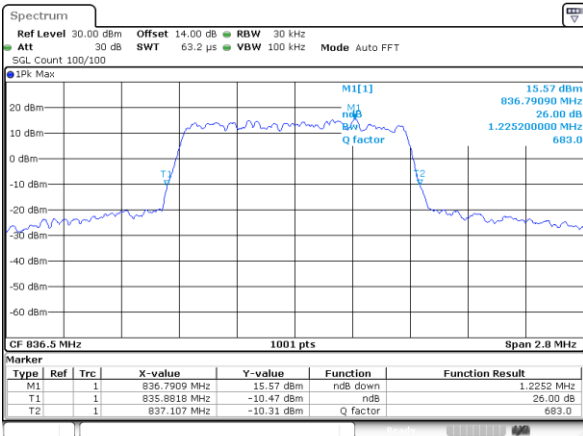
Date: 19_JAN_2018 04:24:09

Lowest Channel / 1.4MHz / 16QAM



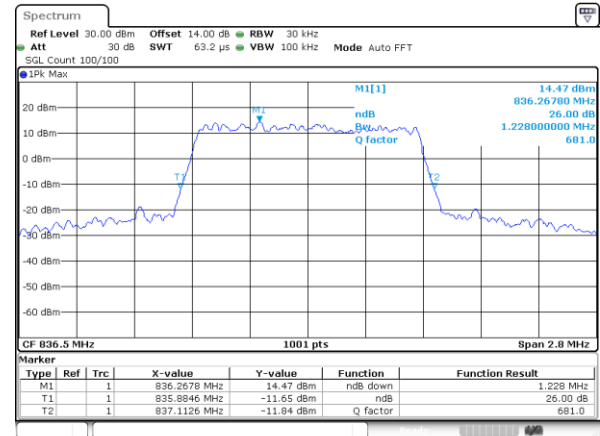
Date: 19_JAN_2018 04:24:00

Middle Channel / 1.4MHz / QPSK



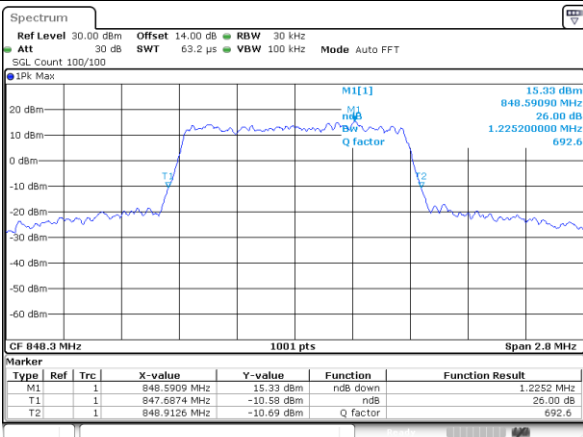
Date: 19_JAN_2018 04:33:09

Middle Channel / 1.4MHz / 16QAM



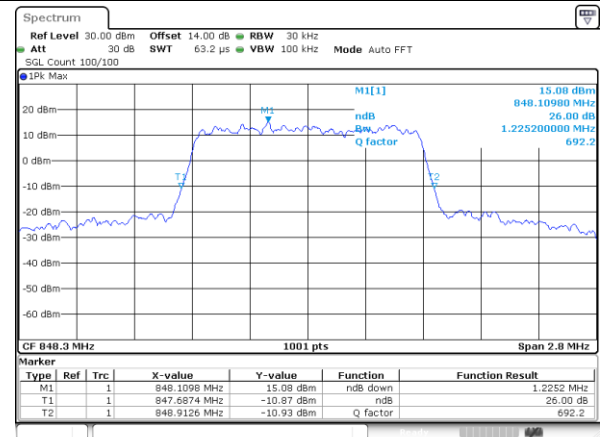
Date: 19_JAN_2018 04:33:19

Highest Channel / 1.4MHz / QPSK



Date: 19_JAN_2018 04:35:42

Highest Channel / 1.4MHz / 16QAM

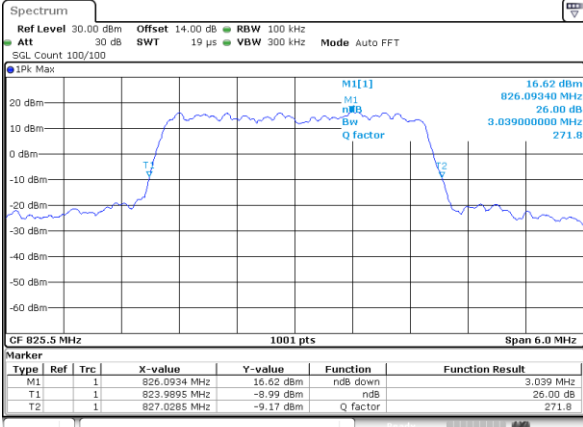


Date: 19_JAN_2018 04:35:52



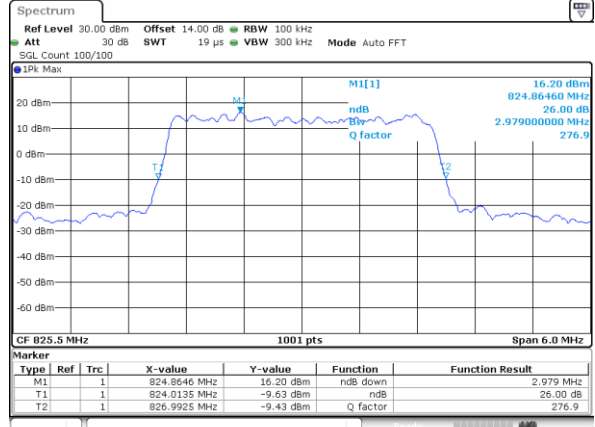
LTE Band 5

Lowest Channel / 3MHz / QPSK



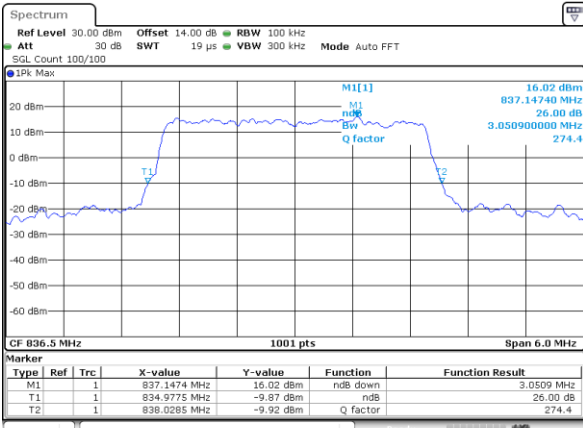
Date: 19_JAN.2018 04:44:53

Lowest Channel / 3MHz / 16QAM



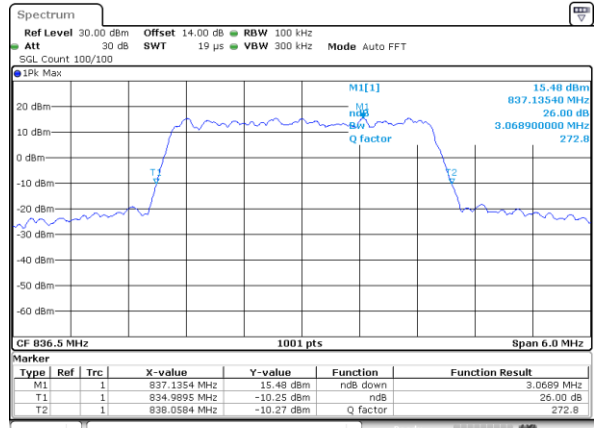
Date: 19_JAN.2018 04:45:03

Middle Channel / 3MHz / QPSK



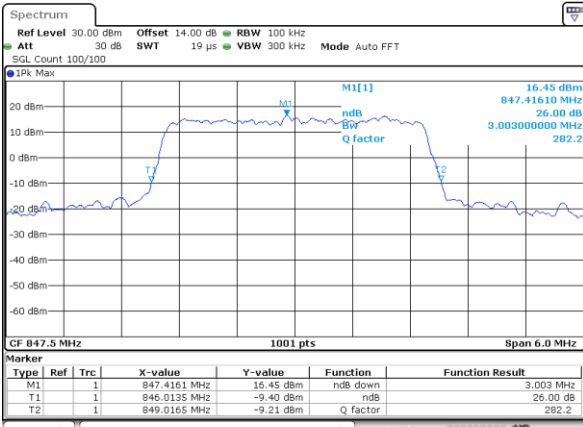
Date: 19_JAN.2018 04:54:04

Middle Channel / 3MHz / 16QAM



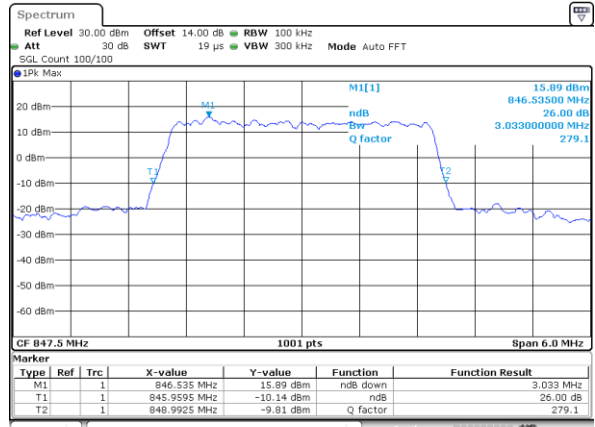
Date: 19_JAN.2018 04:54:14

Highest Channel / 3MHz / QPSK



Date: 19_JAN.2018 04:56:36

Highest Channel / 3MHz / 16QAM

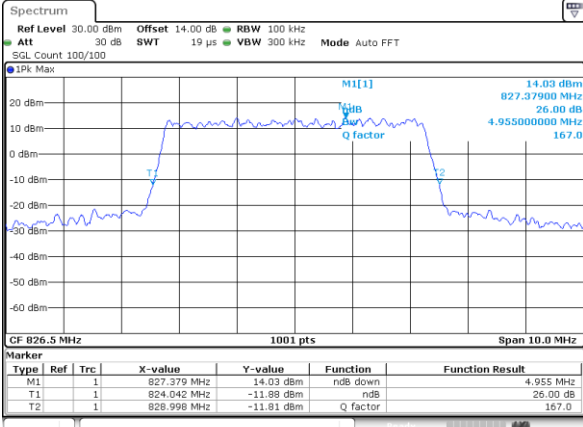


Date: 19_JAN.2018 04:56:46



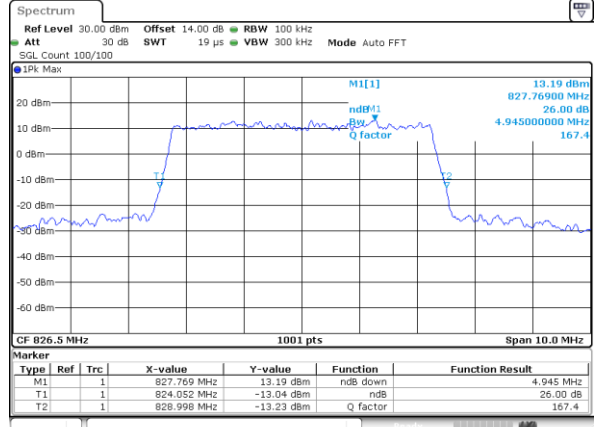
LTE Band 5

Lowest Channel / 5MHz / QPSK



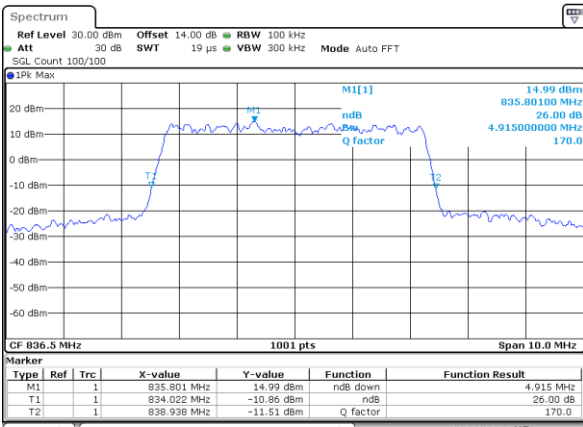
Date: 19_JAN.2018 05:05:48

Lowest Channel / 5MHz / 16QAM



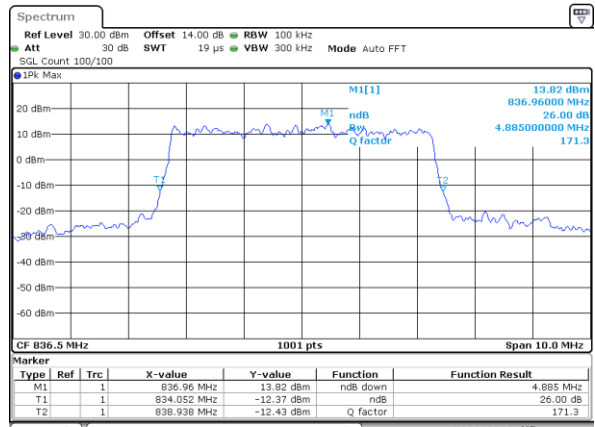
Date: 19_JAN.2018 05:05:58

Middle Channel / 5MHz / QPSK



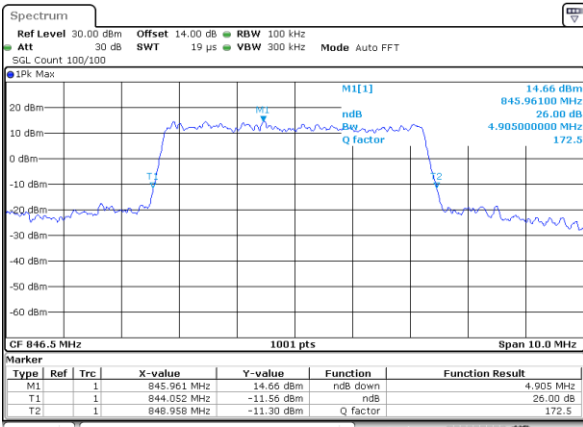
Date: 19_JAN.2018 05:14:59

Middle Channel / 5MHz / 16QAM



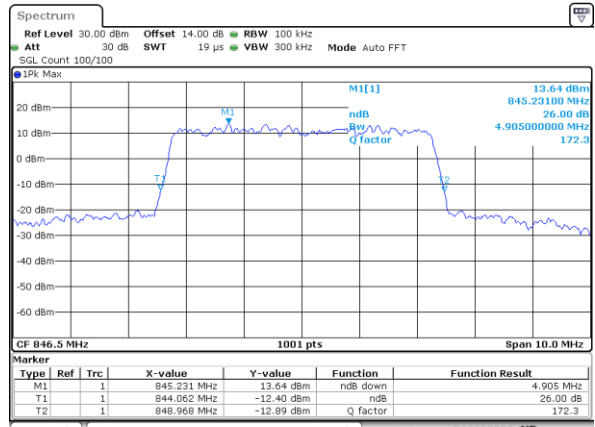
Date: 19_JAN.2018 05:15:09

Highest Channel / 5MHz / QPSK



Date: 19_JAN.2018 05:17:31

Highest Channel / 5MHz / 16QAM

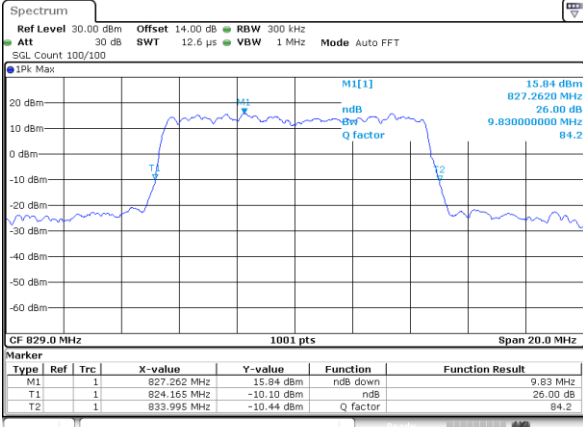


Date: 19_JAN.2018 05:17:42



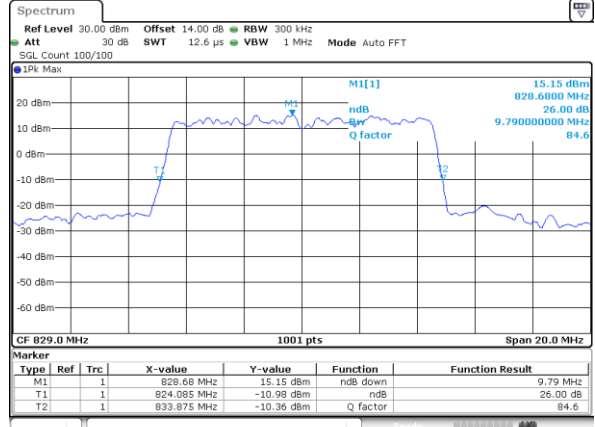
LTE Band 5

Lowest Channel / 10MHz / QPSK



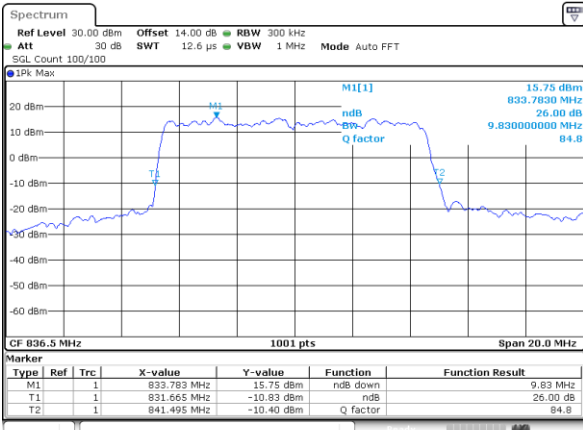
Date: 19_JAN.2018 05:12:42

Lowest Channel / 10MHz / 16QAM



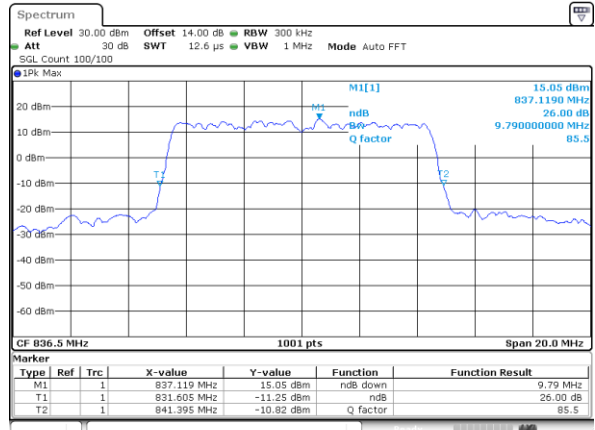
Date: 19_JAN.2018 05:12:52

Middle Channel / 10MHz / QPSK



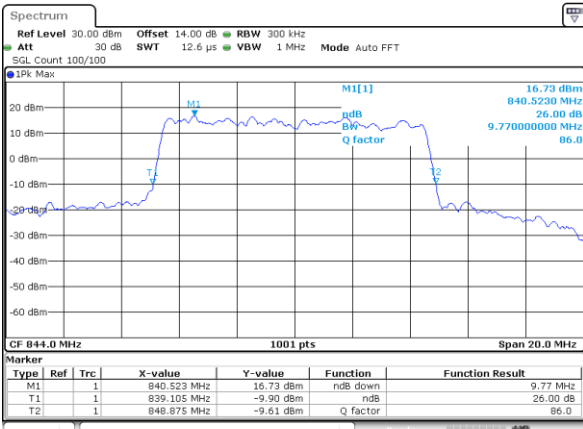
Date: 19_JAN.2018 05:15:03

Middle Channel / 10MHz / 16QAM



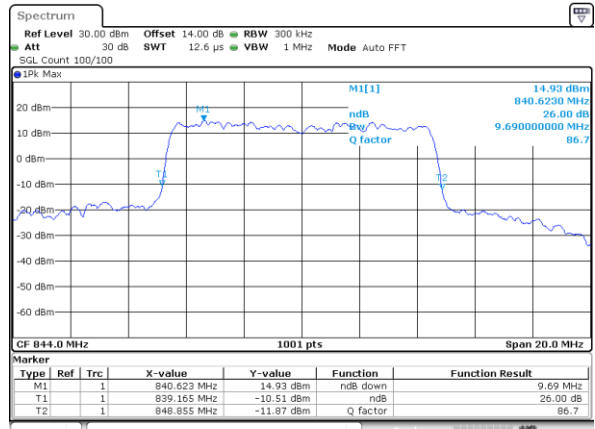
Date: 19_JAN.2018 05:16:03

Highest Channel / 10MHz / QPSK



Date: 19_JAN.2018 05:18:27

Highest Channel / 10MHz / 16QAM

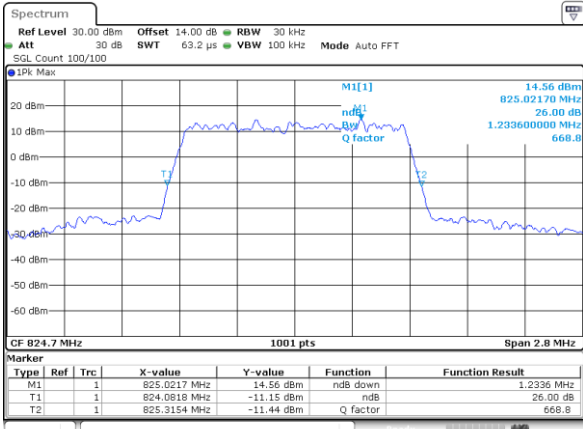


Date: 19_JAN.2018 05:18:37



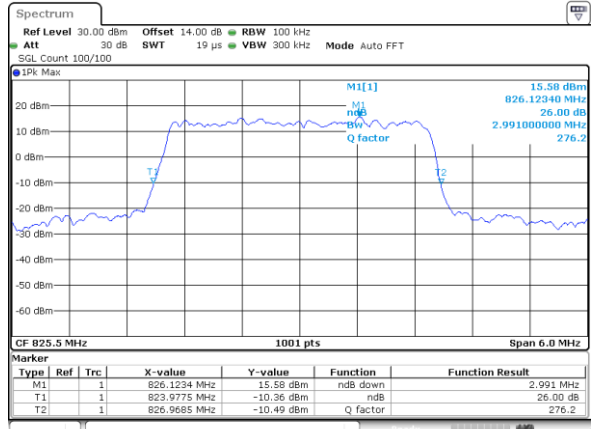
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



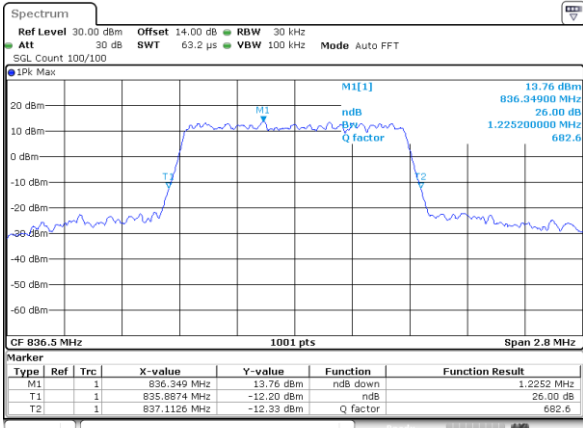
Date: 7.FEB.2018 00:04:45

Lowest Channel / 3MHz / 64QAM



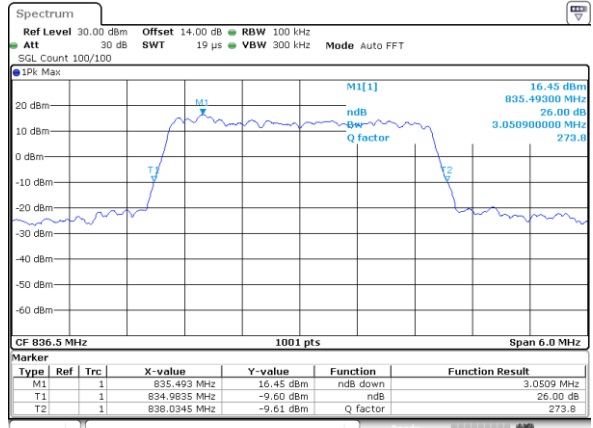
Date: 7.FEB.2018 00:15:09

Middle Channel / 1.4MHz / 64QAM



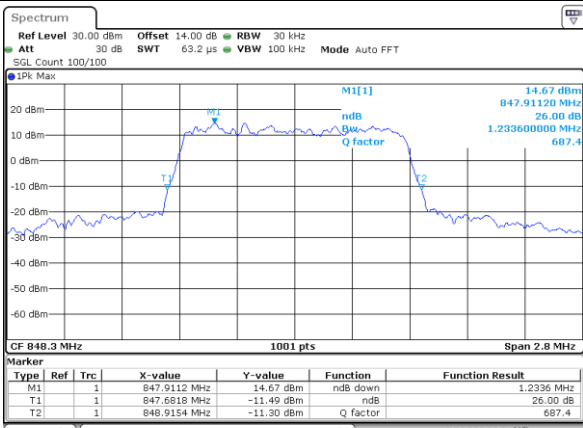
Date: 7.FEB.2018 00:09:19

Middle Channel / 3MHz / 64QAM



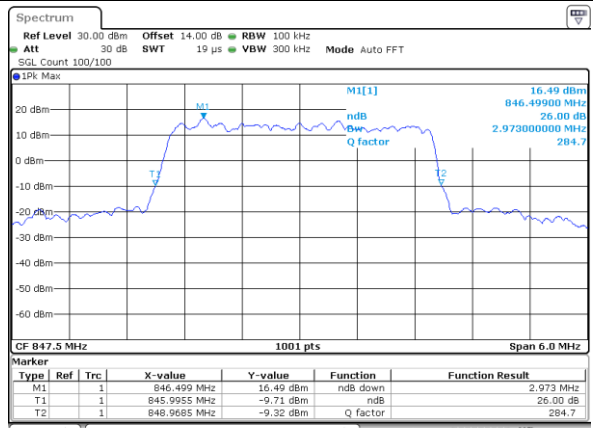
Date: 7.FEB.2018 00:19:42

Highest Channel / 1.4MHz / 64QAM



Date: 7.FEB.2018 00:10:35

Highest Channel / 3MHz / 64QAM

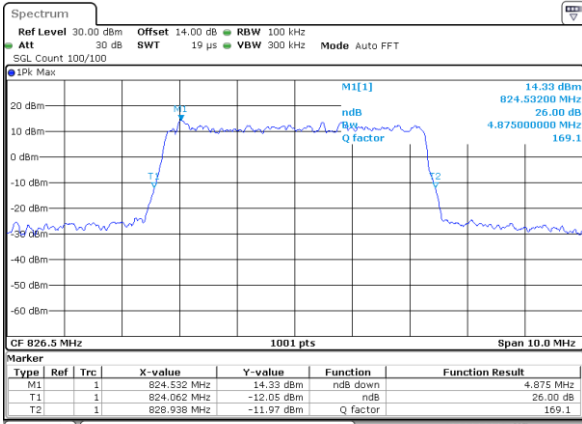


Date: 7.FEB.2018 00:20:58



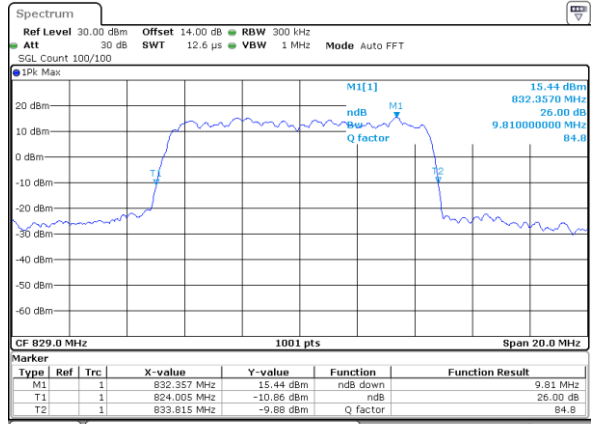
LTE Band 5

Lowest Channel / 5MHz / 64QAM



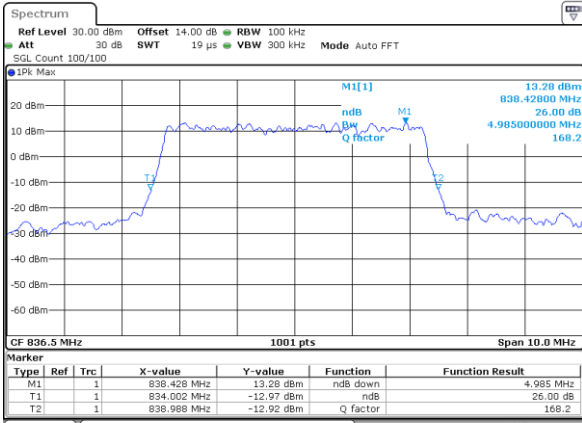
Date: 7.FEB.2018 00:25:132

Lowest Channel / 10MHz / 64QAM



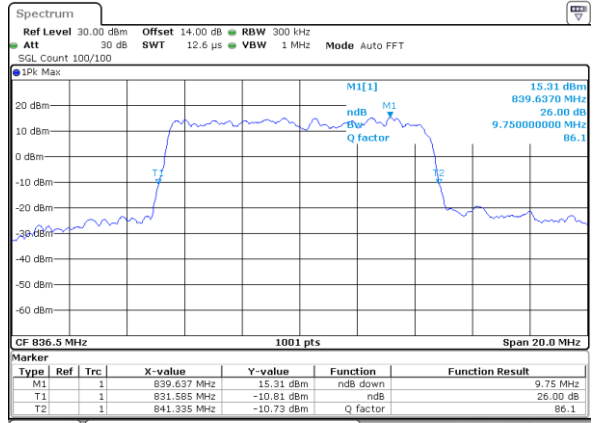
Date: 7.FEB.2018 00:35:156

Middle Channel / 5MHz / 64QAM



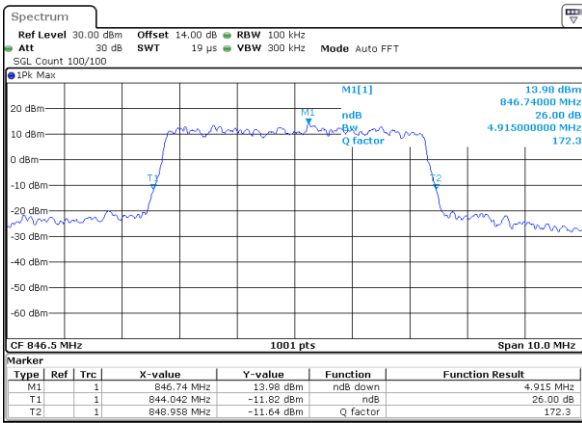
Date: 7.FEB.2018 00:30:106

Middle Channel / 10MHz / 64QAM



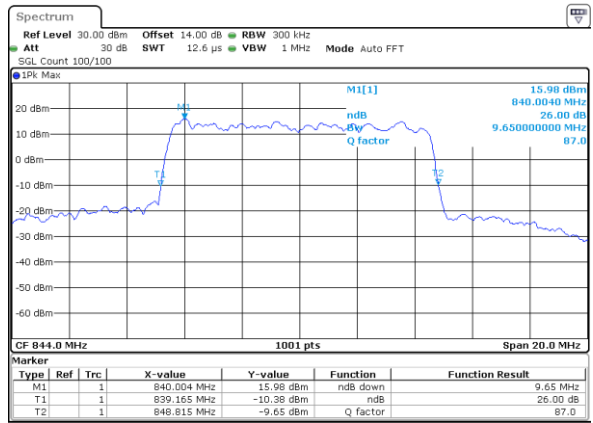
Date: 7.FEB.2018 00:40:29

Highest Channel / 5MHz / 64QAM



Date: 7.FEB.2018 00:31:122

Highest Channel / 10MHz / 64QAM

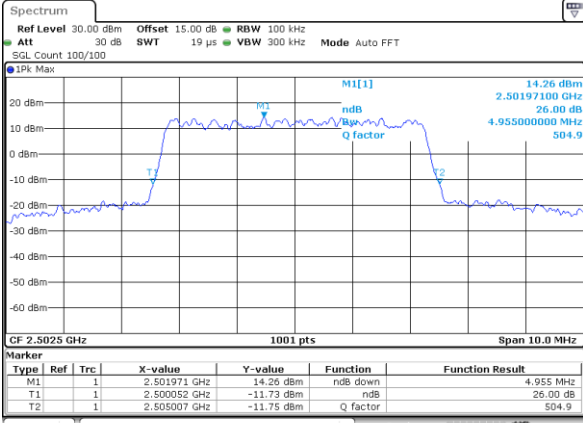


Date: 7.FEB.2018 00:41:45



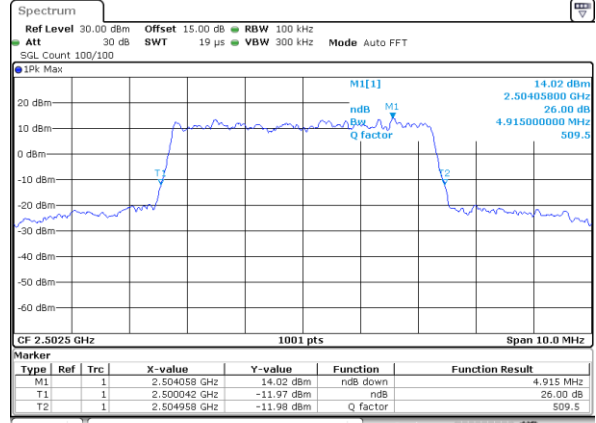
LTE Band 7

Lowest Channel / 5MHz / QPSK



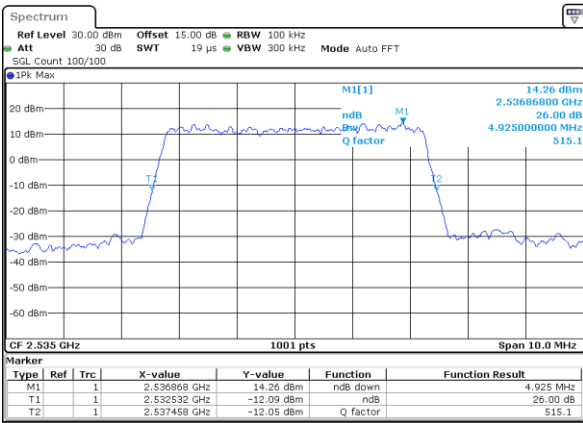
Date: 6.MAR.2018 15:16:42

Lowest Channel / 5MHz / 16QAM



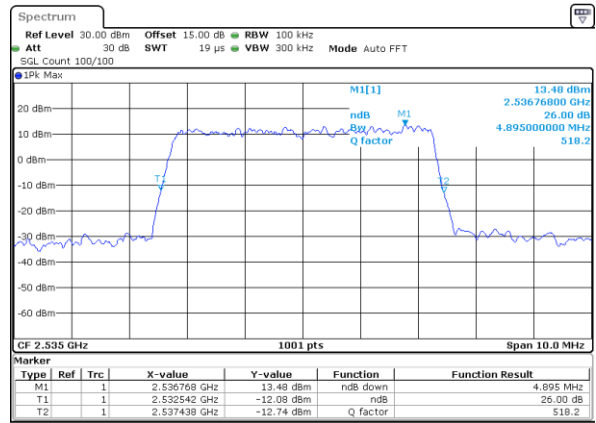
Date: 6.MAR.2018 15:16:52

Middle Channel / 5MHz / QPSK



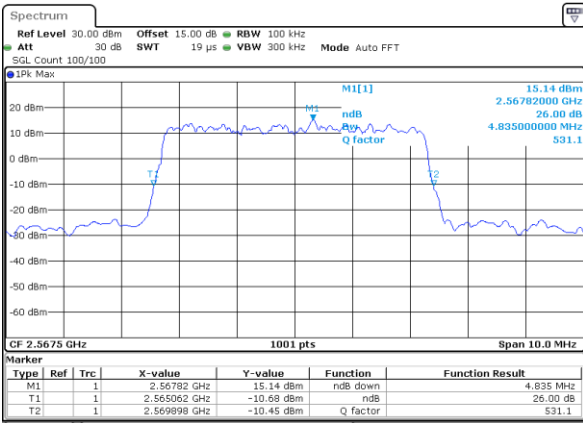
Date: 6.MAR.2018 15:23:51

Middle Channel / 5MHz / 16QAM



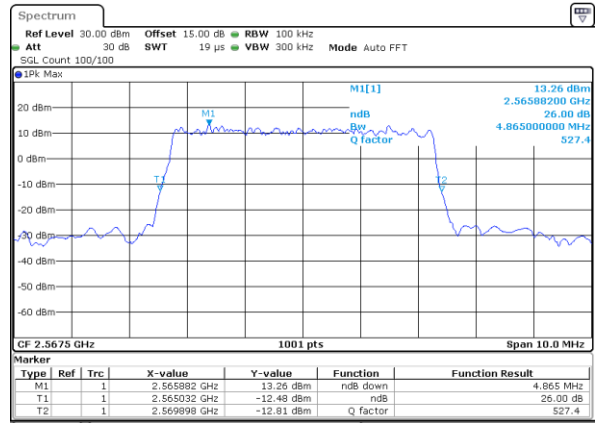
Date: 6.MAR.2018 15:24:01

Highest Channel / 5MHz / QPSK



Date: 6.MAR.2018 15:26:19

Highest Channel / 5MHz / 16QAM

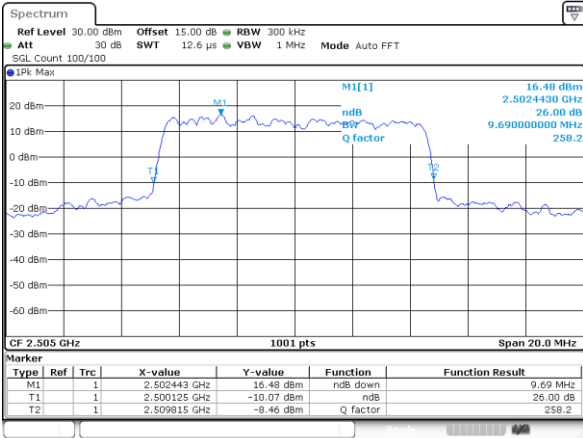


Date: 6.MAR.2018 15:26:29



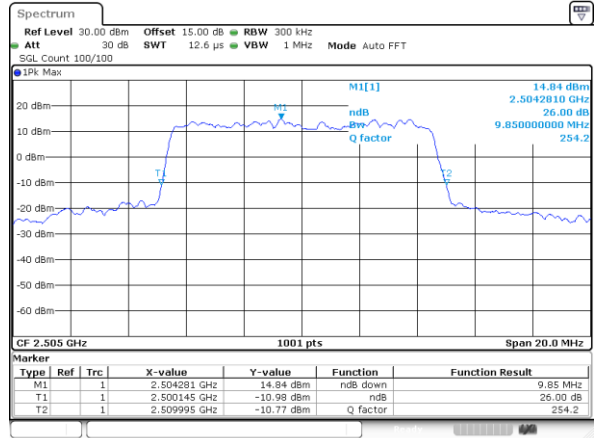
LTE Band 7

Lowest Channel / 10MHz / QPSK



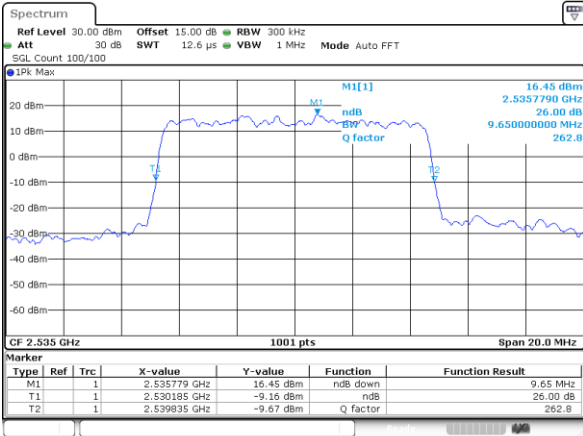
Date: 6.MAR.2018 15:33:30

Lowest Channel / 10MHz / 16QAM



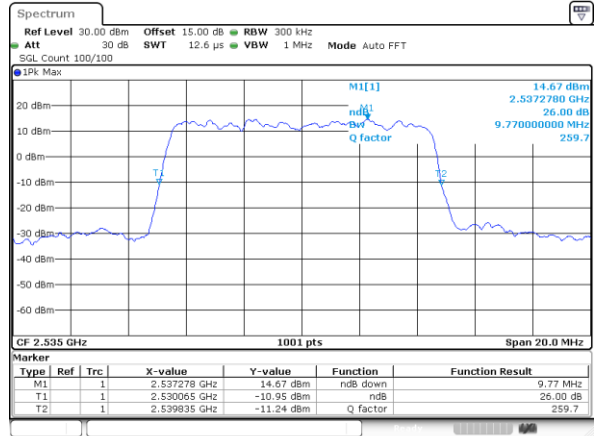
Date: 6.MAR.2018 15:33:40

Middle Channel / 10MHz / QPSK



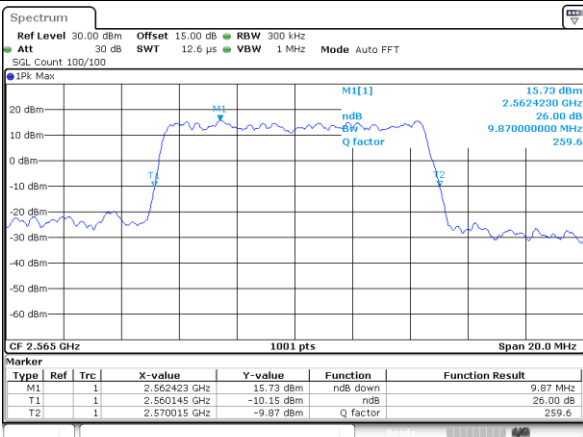
Date: 6.MAR.2018 15:40:38

Middle Channel / 10MHz / 16QAM



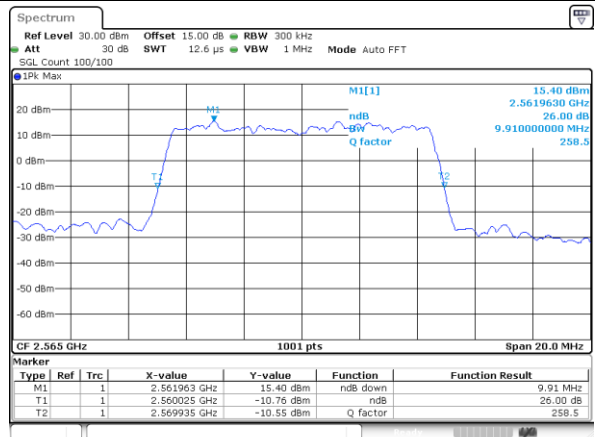
Date: 6.MAR.2018 15:40:49

Highest Channel / 10MHz / QPSK



Date: 6.MAR.2018 15:43:08

Highest Channel / 10MHz / 16QAM

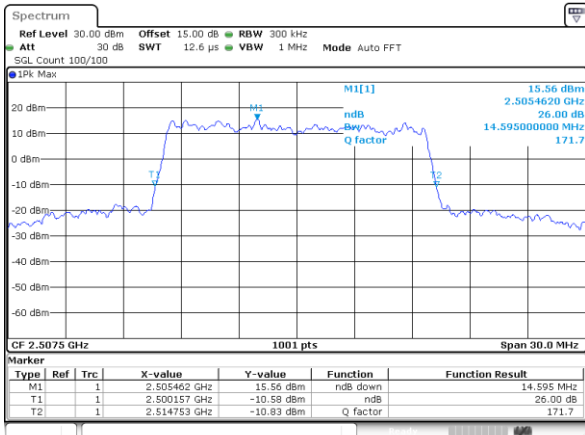


Date: 6.MAR.2018 15:43:19



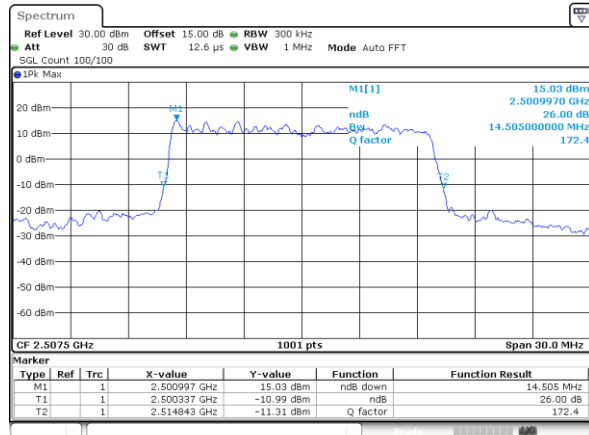
LTE Band 7

Lowest Channel / 15MHz / QPSK



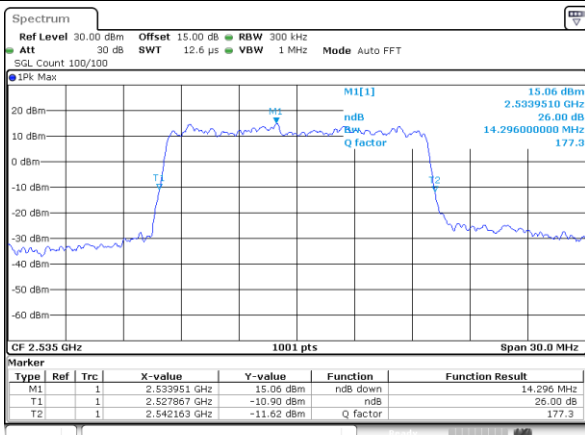
Date: 6.MAR.2018 15:50:19

Lowest Channel / 15MHz / 16QAM



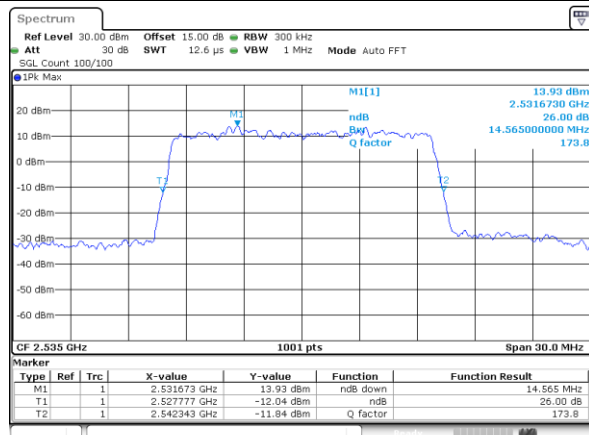
Date: 6.MAR.2018 15:50:29

Middle Channel / 15MHz / QPSK



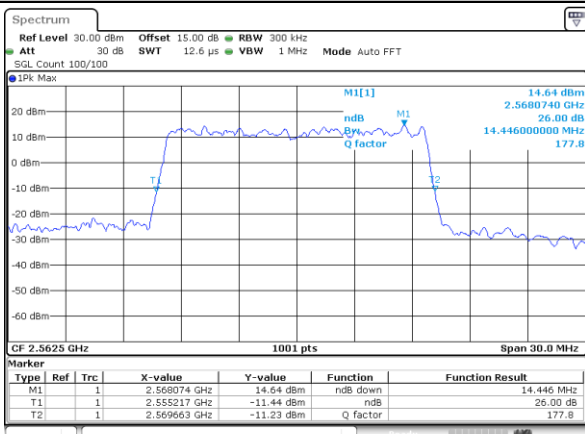
Date: 6.MAR.2018 15:57:27

Middle Channel / 15MHz / 16QAM



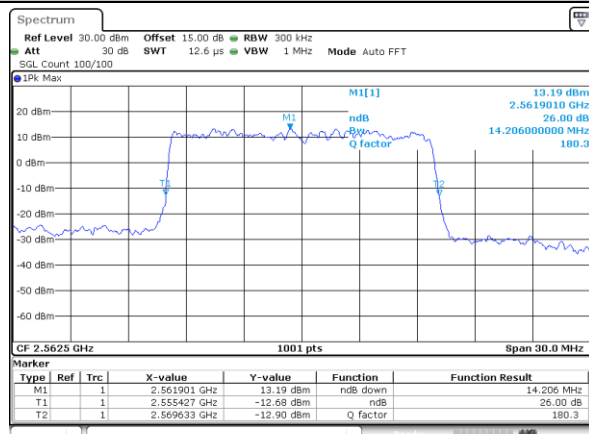
Date: 6.MAR.2018 15:57:37

Highest Channel / 15MHz / QPSK



Date: 6.MAR.2018 15:59:55

Highest Channel / 15MHz / 16QAM

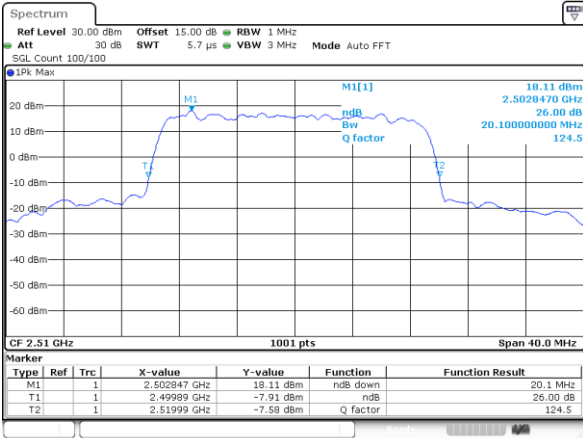


Date: 6.MAR.2018 16:00:05



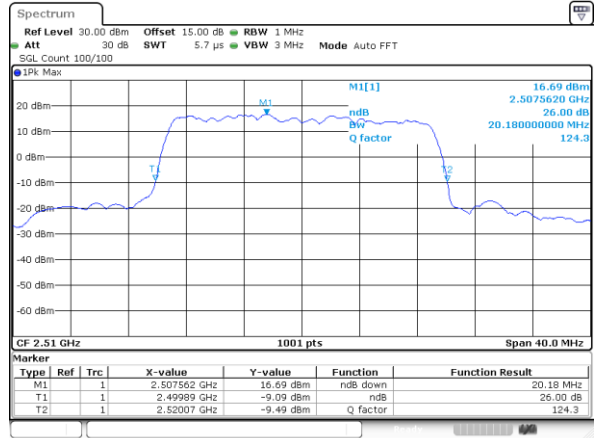
LTE Band 7

Lowest Channel / 20MHz / QPSK



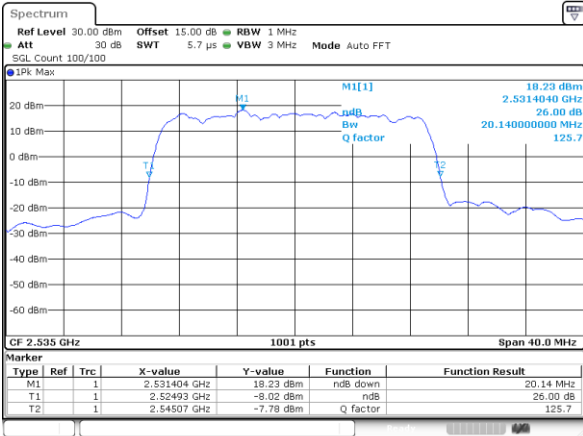
Date: 6.MAR.2018 16:07:05

Lowest Channel / 20MHz / 16QAM



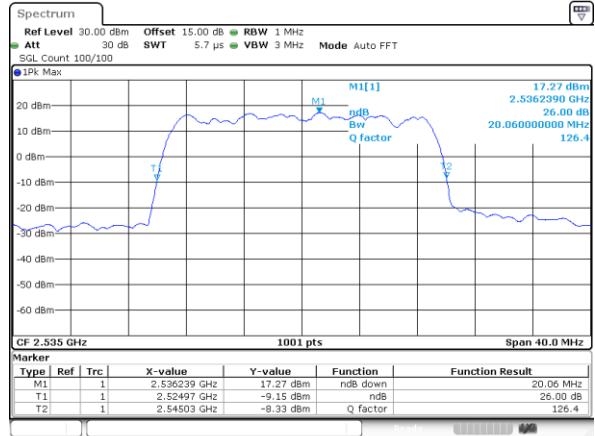
Date: 6.MAR.2018 16:07:15

Middle Channel / 20MHz / QPSK



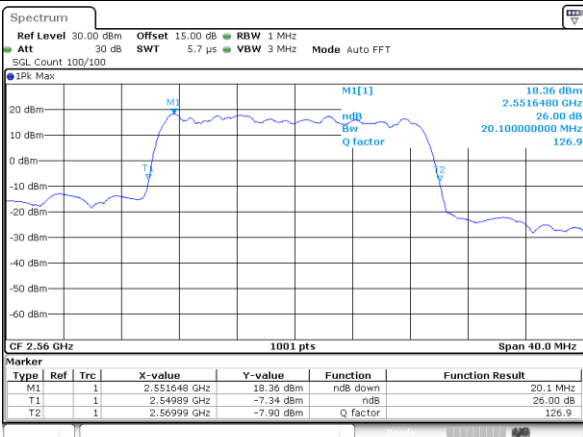
Date: 6.MAR.2018 16:14:14

Middle Channel / 20MHz / 16QAM



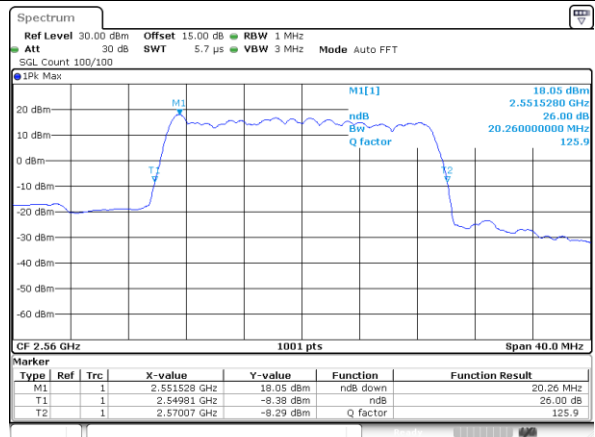
Date: 6.MAR.2018 16:14:24

Highest Channel / 20MHz / QPSK



Date: 6.MAR.2018 16:16:43

Highest Channel / 20MHz / 16QAM

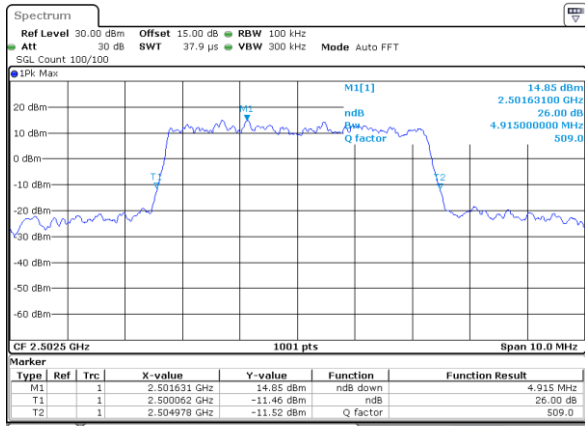


Date: 6.MAR.2018 16:16:53



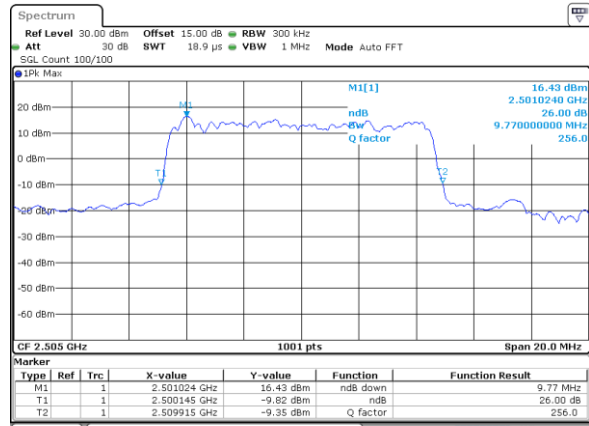
LTE Band 7

Lowest Channel / 5MHz / 64QAM



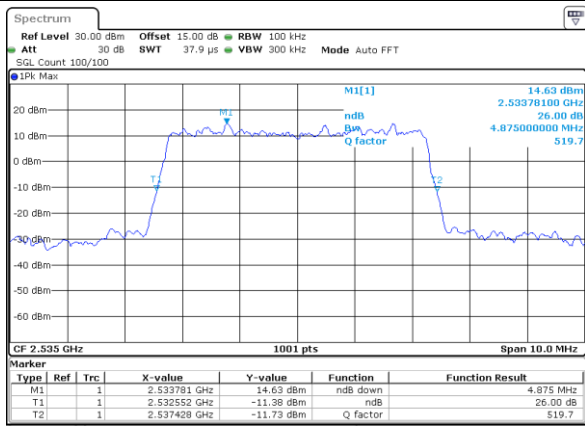
Date: 5.MAR.2018 17:40:44

Lowest Channel / 10MHz / 64QAM



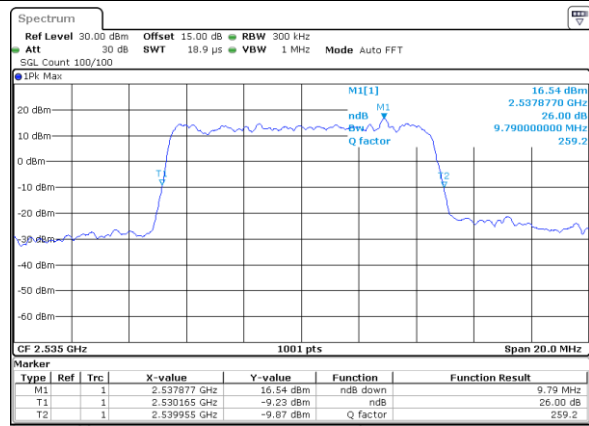
Date: 5.MAR.2018 17:49:03

Middle Channel / 5MHz / 64QAM



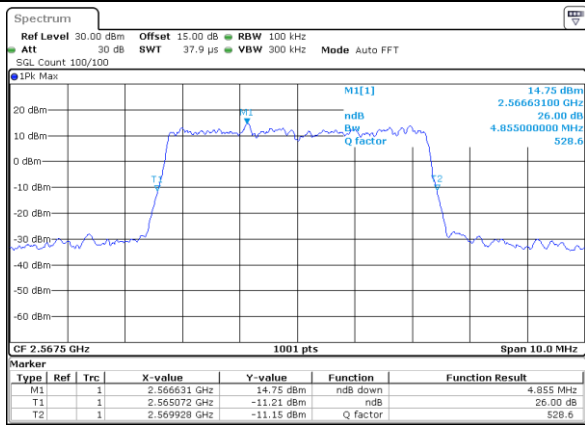
Date: 5.MAR.2018 17:44:17

Middle Channel / 10MHz / 64QAM



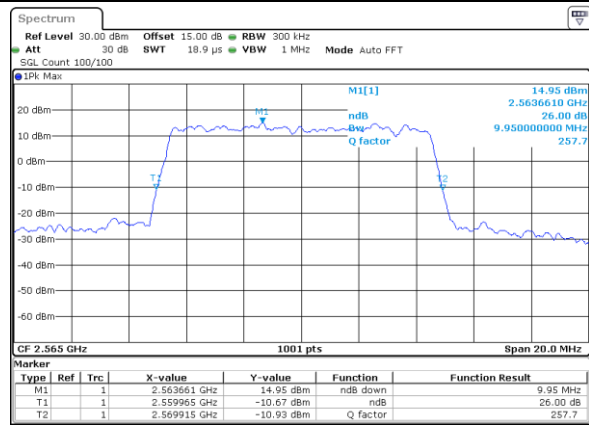
Date: 5.MAR.2018 17:52:35

Highest Channel / 5MHz / 64QAM



Date: 5.MAR.2018 17:45:31

Highest Channel / 10MHz / 64QAM

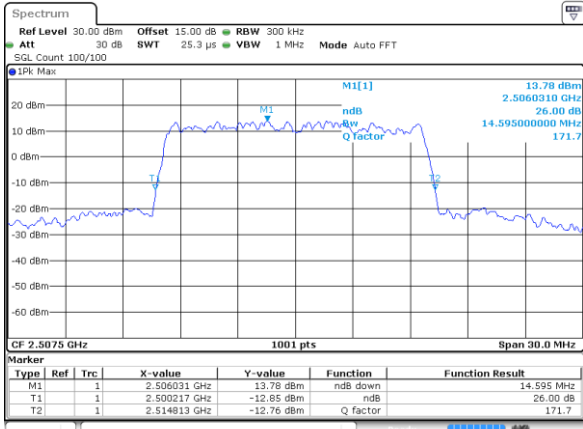


Date: 5.MAR.2018 17:53:48



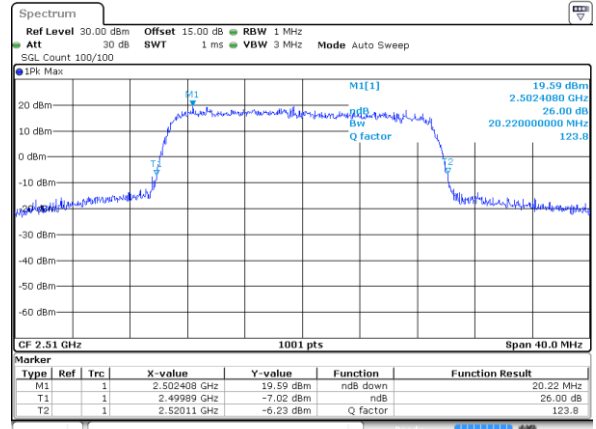
LTE Band 7

Lowest Channel / 15MHz / 64QAM



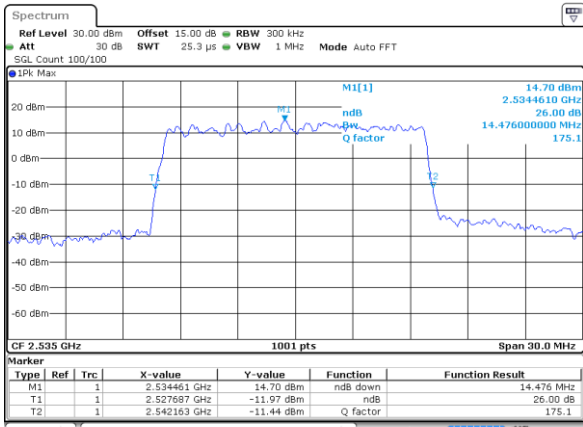
Date: 5.MAR.2016 17:57:20

Lowest Channel / 20MHz / 64QAM



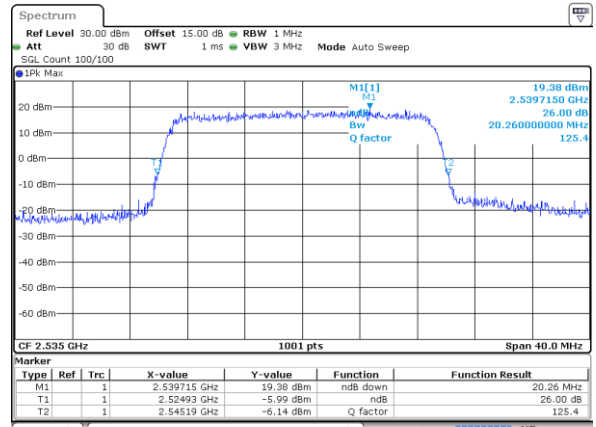
Date: 5.MAR.2016 18:05:38

Middle Channel / 15MHz / 64QAM



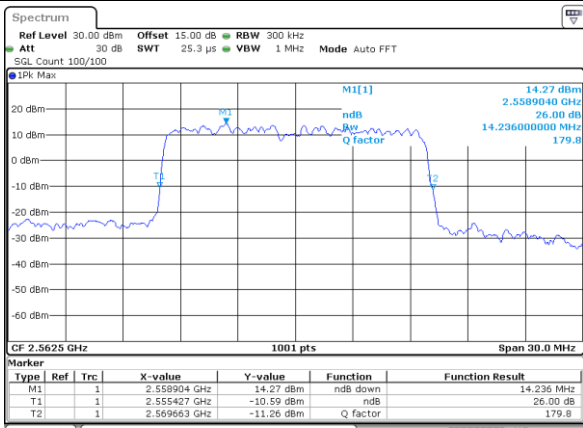
Date: 5.MAR.2016 18:00:52

Middle Channel / 20MHz / 64QAM



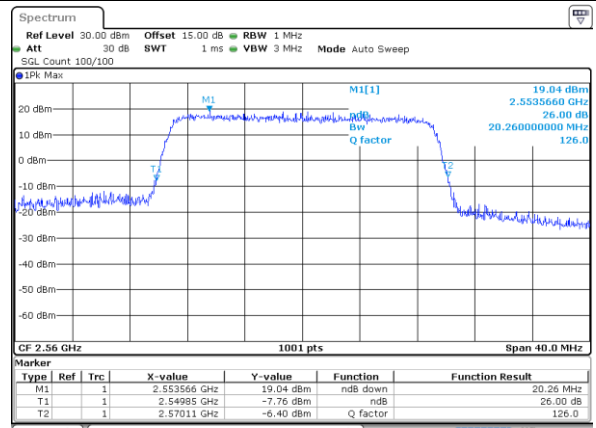
Date: 5.MAR.2016 18:09:10

Highest Channel / 15MHz / 64QAM



Date: 5.MAR.2016 18:02:06

Highest Channel / 20MHz / 64QAM

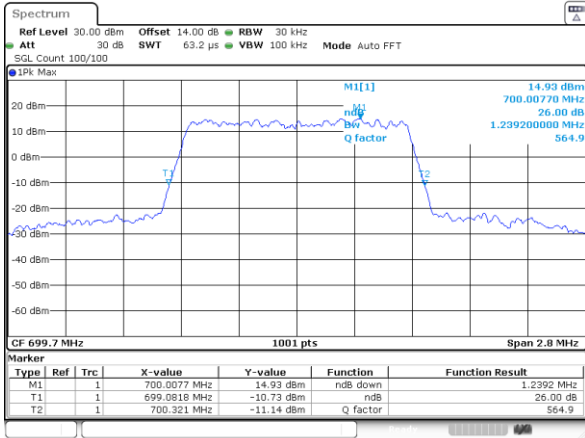


Date: 5.MAR.2016 18:10:24



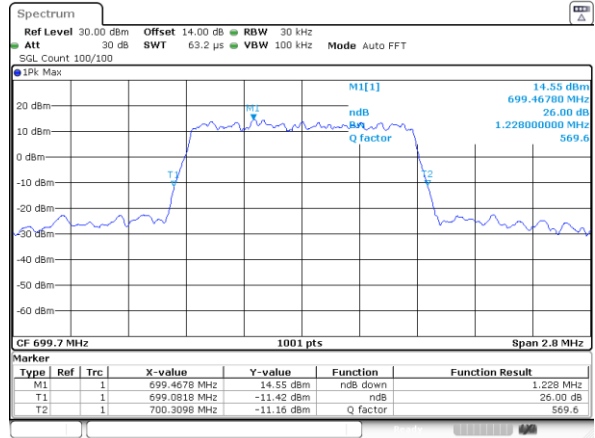
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



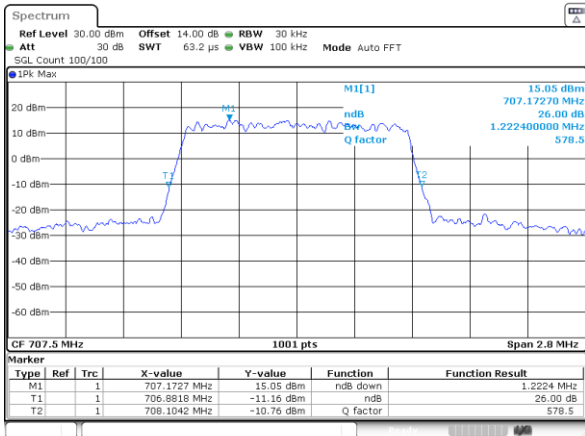
Date: 19_JAN,2018 14:21:30

Lowest Channel / 1.4MHz / 16QAM



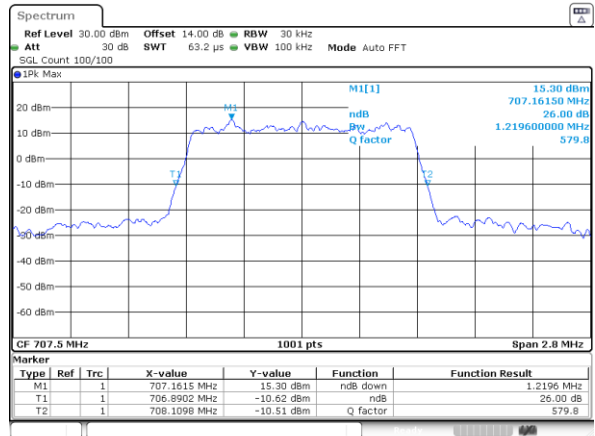
Date: 19_JAN,2018 14:21:20

Middle Channel / 1.4MHz / QPSK



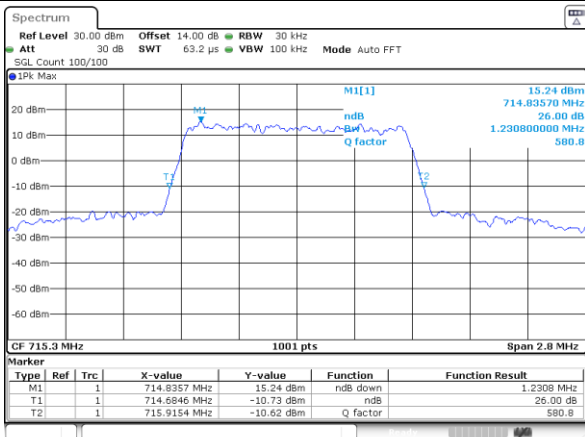
Date: 19_JAN,2018 14:28:30

Middle Channel / 1.4MHz / 16QAM



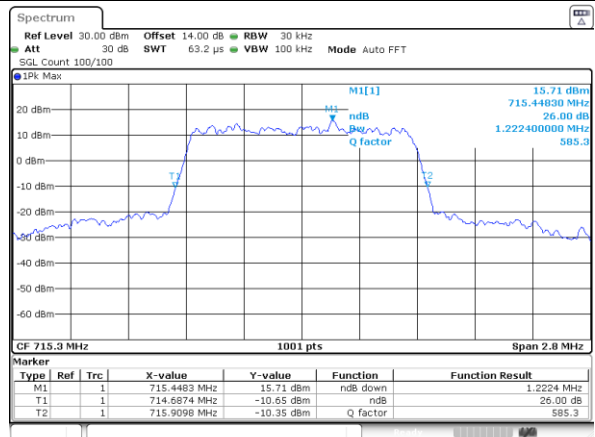
Date: 19_JAN,2018 14:28:40

Highest Channel / 1.4MHz / QPSK



Date: 19_JAN,2018 14:31:03

Highest Channel / 1.4MHz / 16QAM

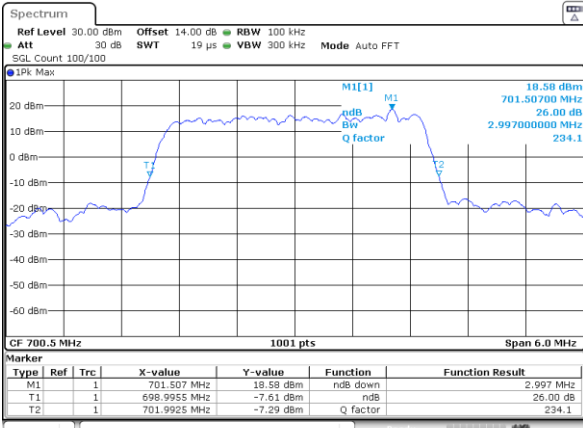


Date: 19_JAN,2018 14:31:13



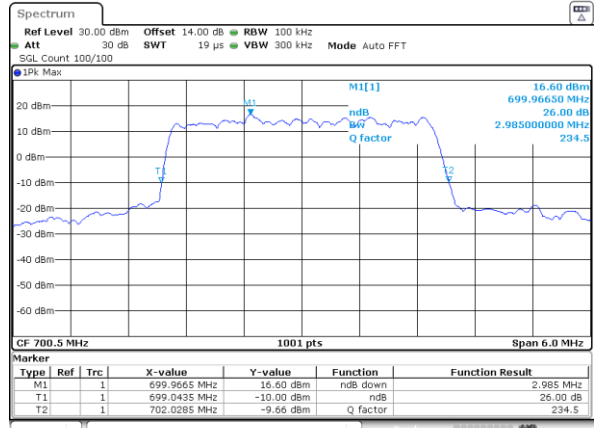
LTE Band 12

Lowest Channel / 3MHz / QPSK



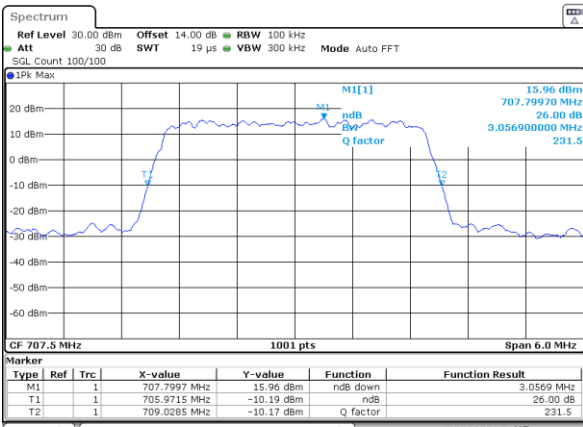
Date: 19_JAN_2018 14:38:13

Lowest Channel / 3MHz / 16QAM



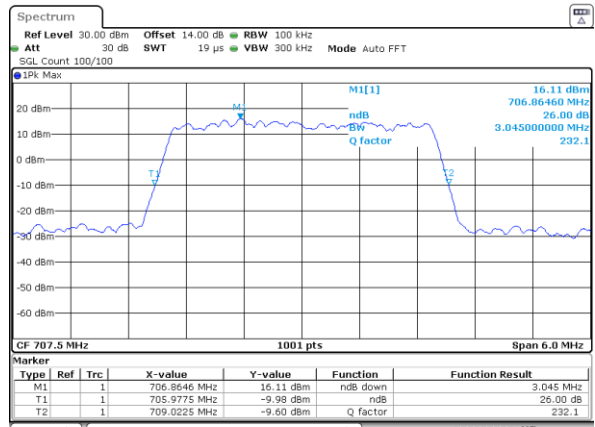
Date: 19_JAN_2018 14:38:23

Middle Channel / 3MHz / QPSK



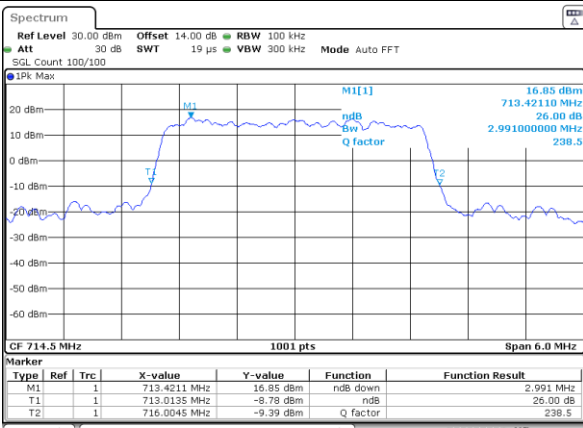
Date: 19_JAN_2018 14:45:23

Middle Channel / 3MHz / 16QAM



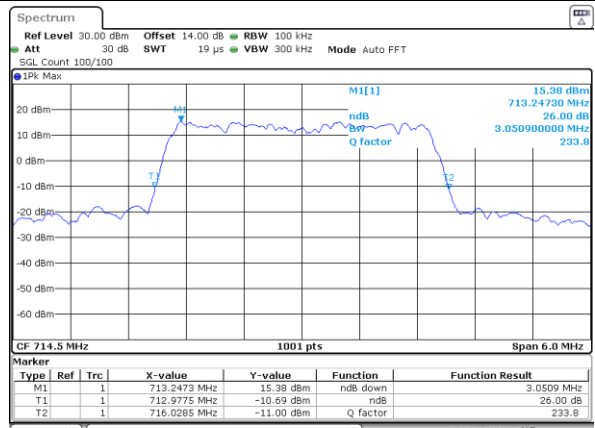
Date: 19_JAN_2018 14:45:33

Highest Channel / 3MHz / QPSK



Date: 19_JAN_2018 14:47:56

Highest Channel / 3MHz / 16QAM

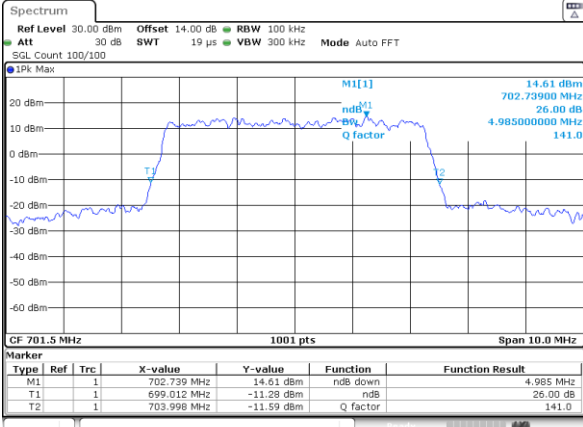


Date: 19_JAN_2018 14:48:06



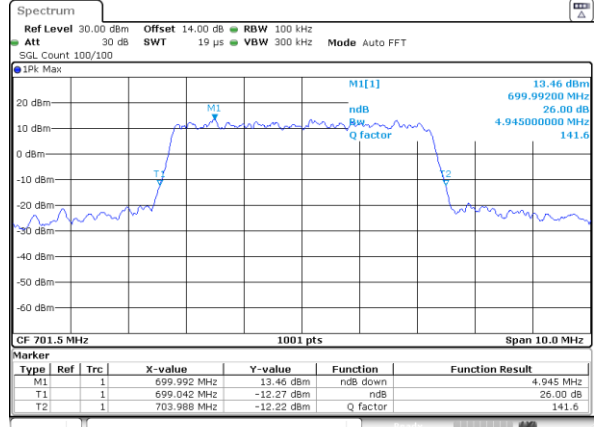
LTE Band 12

Lowest Channel / 5MHz / QPSK



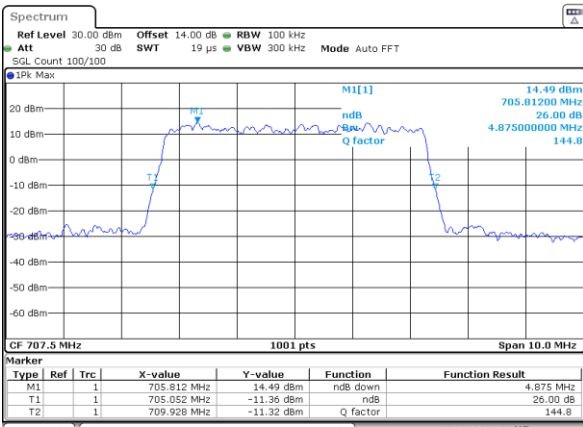
Date: 19_JAN_2018 14:59:41

Lowest Channel / 5MHz / 16QAM



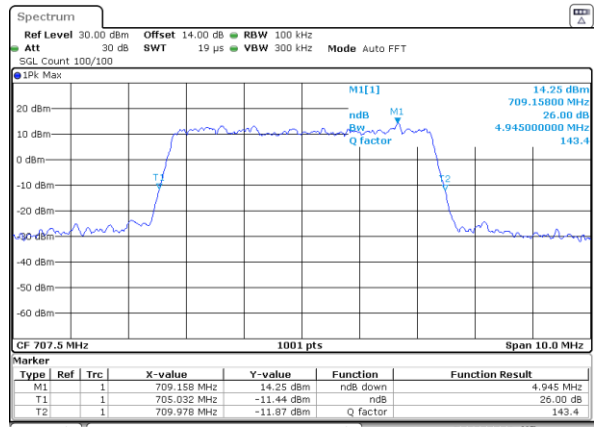
Date: 19_JAN_2018 14:59:51

Middle Channel / 5MHz / QPSK



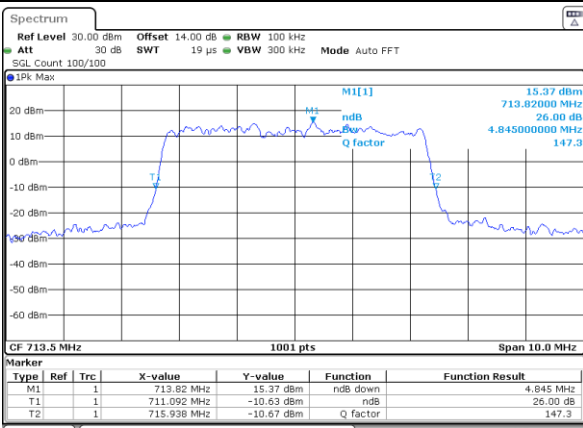
Date: 19_JAN_2018 15:06:51

Middle Channel / 5MHz / 16QAM



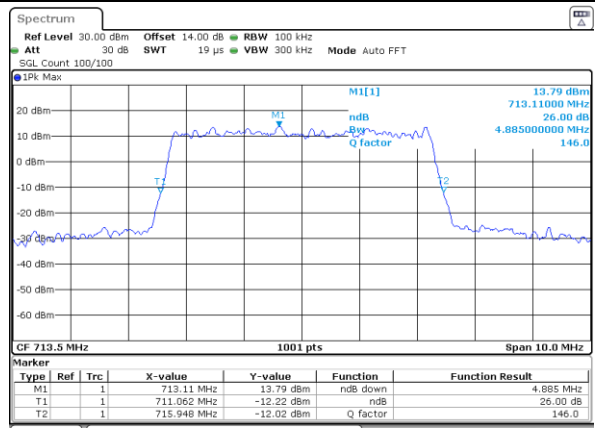
Date: 19_JAN_2018 15:07:01

Highest Channel / 5MHz / QPSK



Date: 19_JAN_2018 15:09:23

Highest Channel / 5MHz / 16QAM

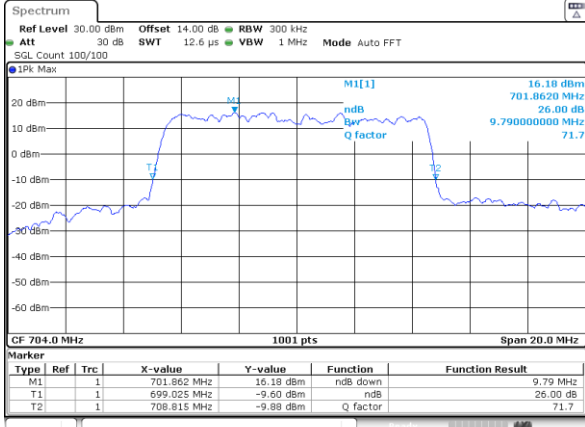


Date: 19_JAN_2018 15:09:33



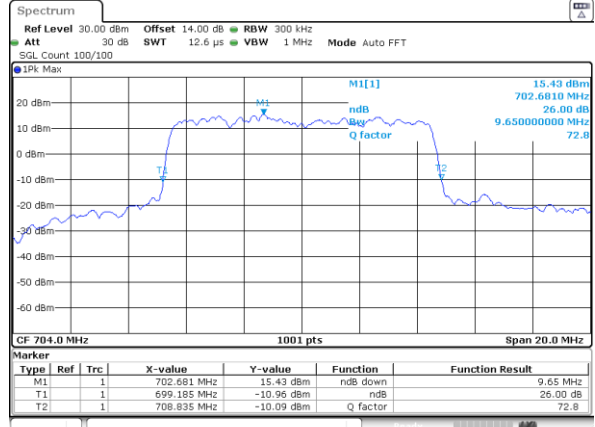
LTE Band 12

Lowest Channel / 10MHz / QPSK



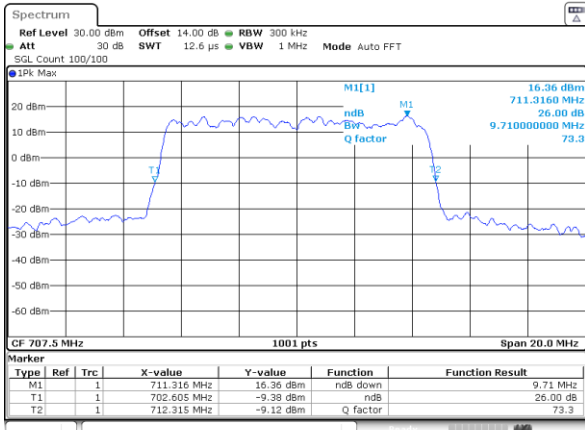
Date: 19_JAN.2018 15:36:52

Lowest Channel / 10MHz / 16QAM



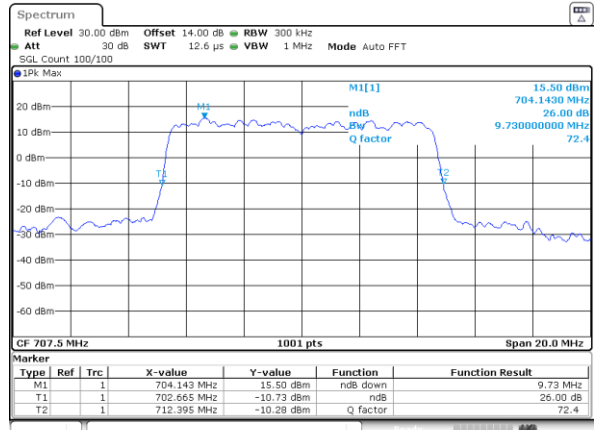
Date: 19_JAN.2018 15:37:02

Middle Channel / 10MHz / QPSK



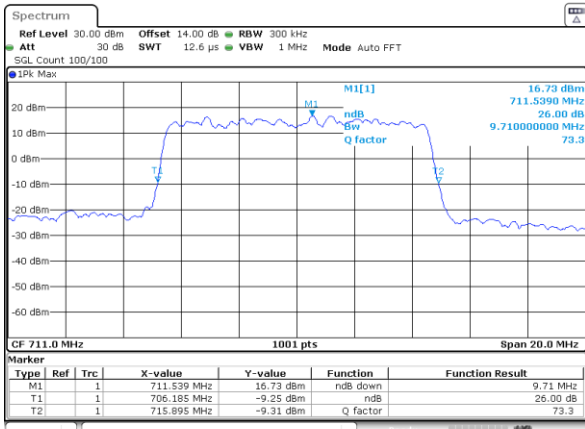
Date: 19_JAN.2018 15:44:02

Middle Channel / 10MHz / 16QAM



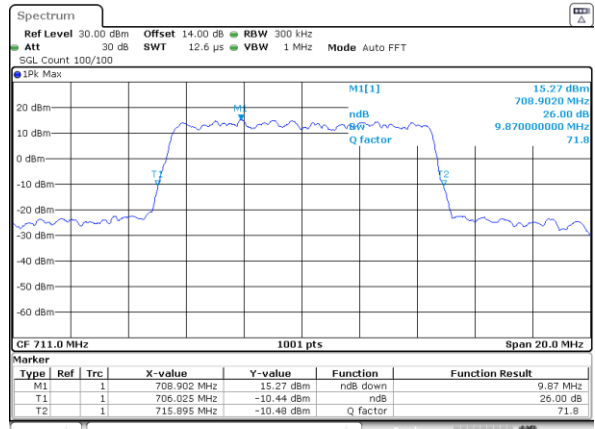
Date: 19_JAN.2018 15:44:12

Highest Channel / 10MHz / QPSK



Date: 19_JAN.2018 16:45:37

Highest Channel / 10MHz / 16QAM

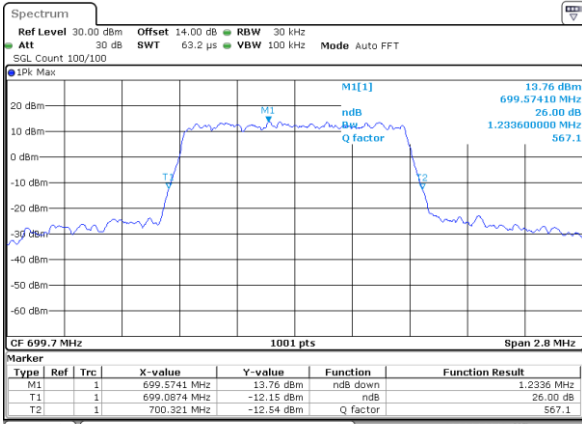


Date: 19_JAN.2018 16:45:47



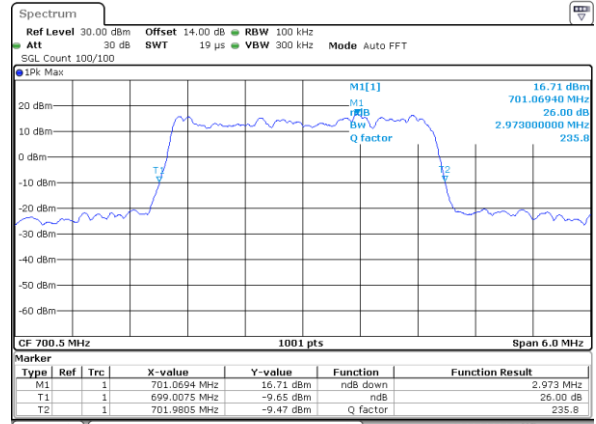
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



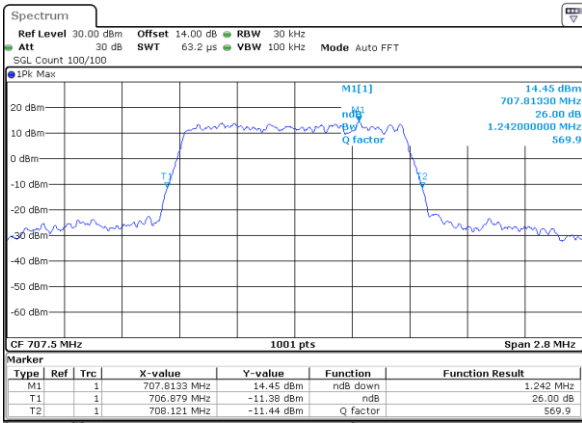
Date: 6.FEB.2018 22:24:32

Lowest Channel / 3MHz / 64QAM



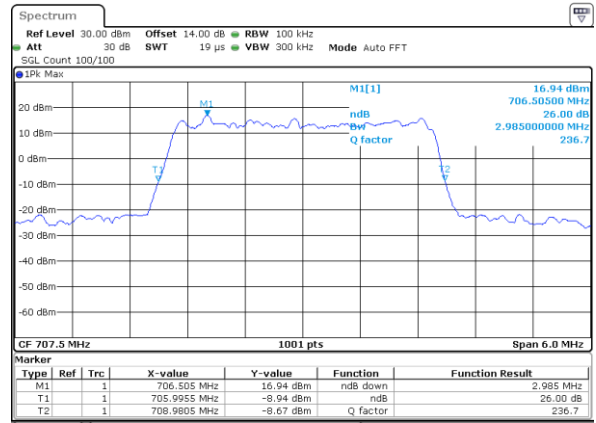
Date: 6.FEB.2018 22:32:56

Middle Channel / 1.4MHz / 64QAM



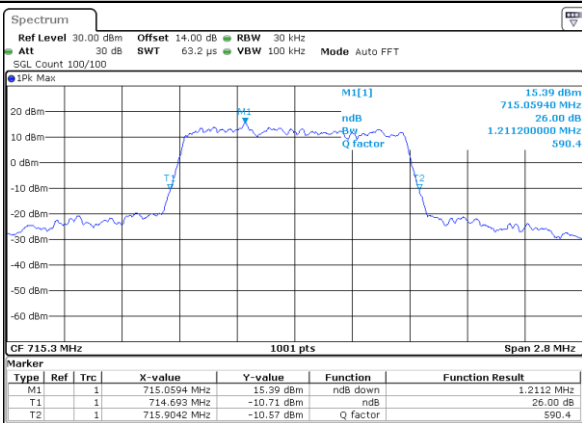
Date: 6.FEB.2018 22:28:06

Middle Channel / 3MHz / 64QAM



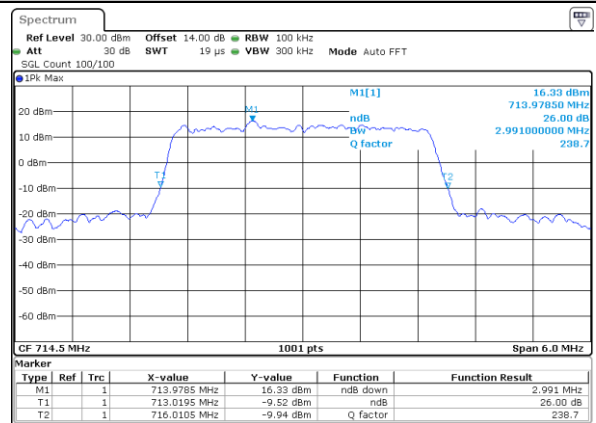
Date: 6.FEB.2018 22:36:30

Highest Channel / 1.4MHz / 64QAM



Date: 6.FEB.2018 22:29:23

Highest Channel / 3MHz / 64QAM

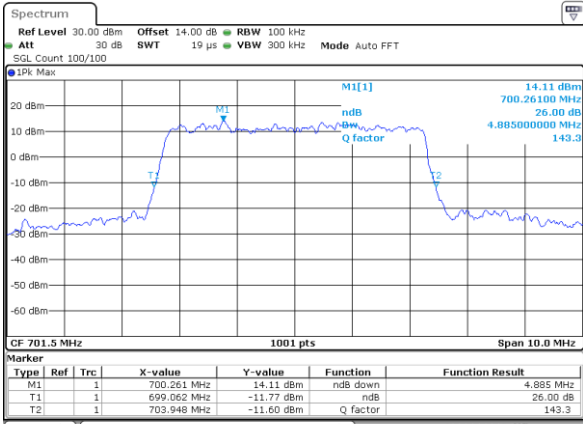


Date: 6.FEB.2018 22:37:46



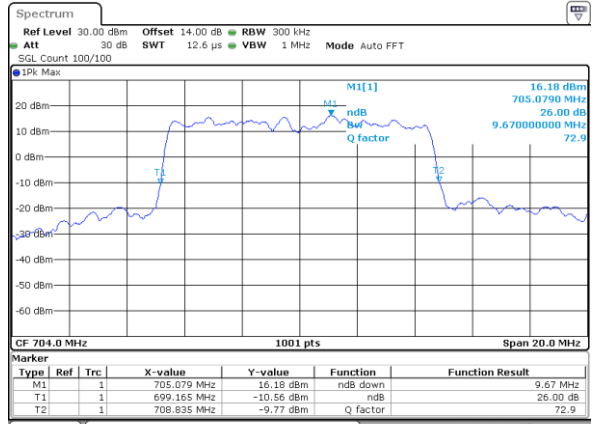
LTE Band 12

Lowest Channel / 5MHz / 64QAM



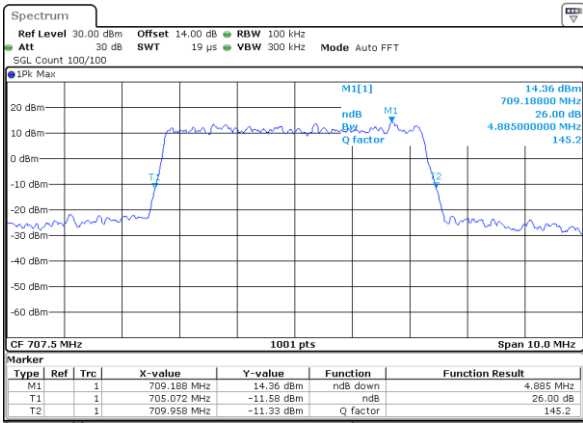
Date: 6.FEB.2018 22:41:20

Lowest Channel / 10MHz / 64QAM



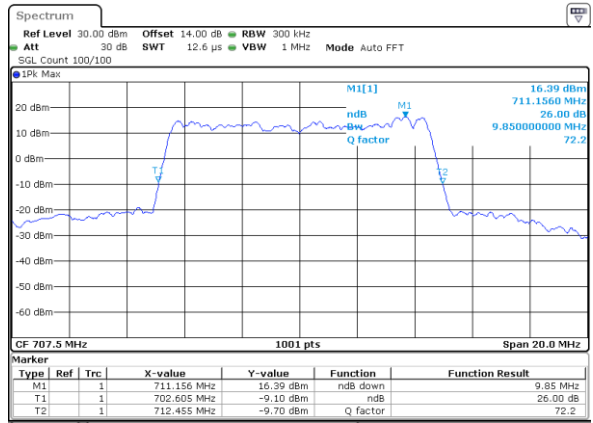
Date: 6.FEB.2018 22:49:44

Middle Channel / 5MHz / 64QAM



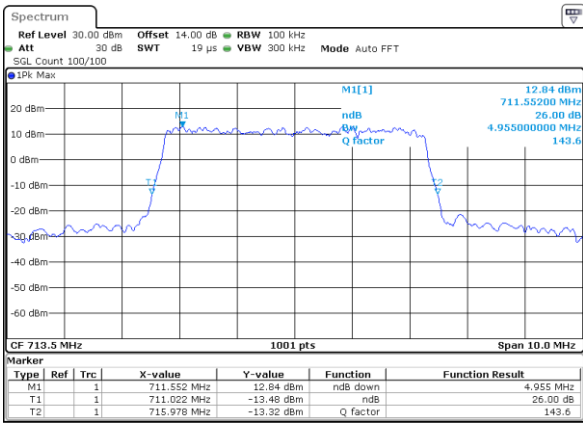
Date: 6.FEB.2018 22:44:54

Middle Channel / 10MHz / 64QAM



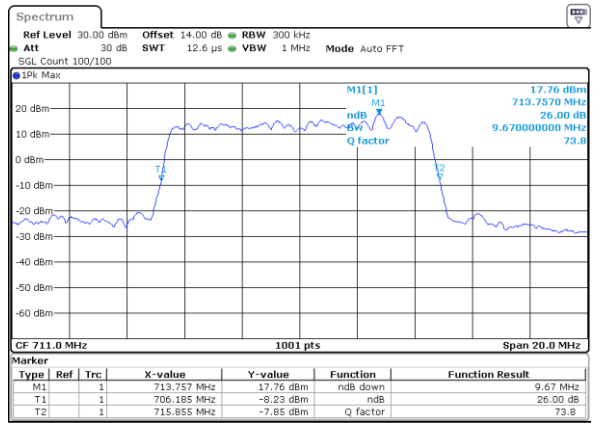
Date: 6.FEB.2018 22:53:18

Highest Channel / 5MHz / 64QAM



Date: 6.FEB.2018 22:46:10

Highest Channel / 10MHz / 64QAM

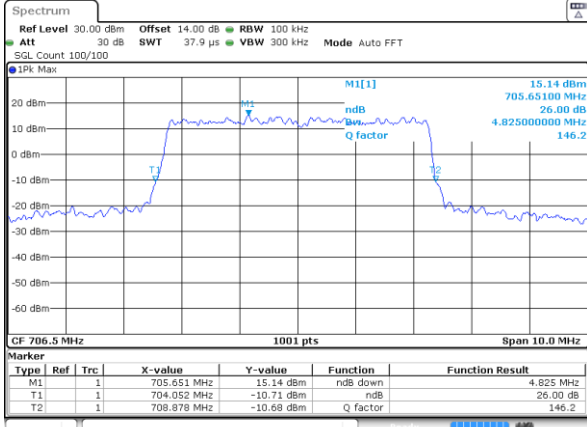


Date: 6.FEB.2018 22:54:34



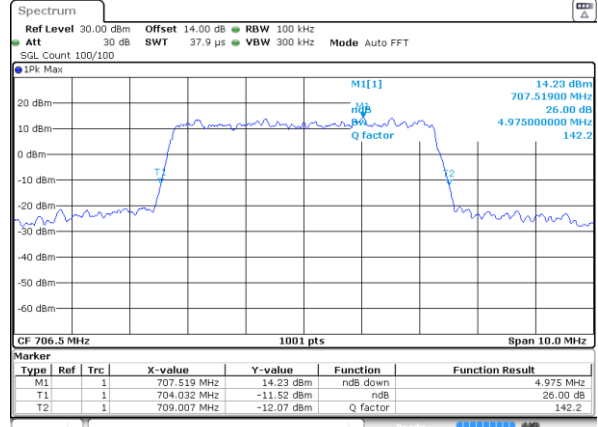
LTE Band 17

Lowest Channel / 5MHz / QPSK



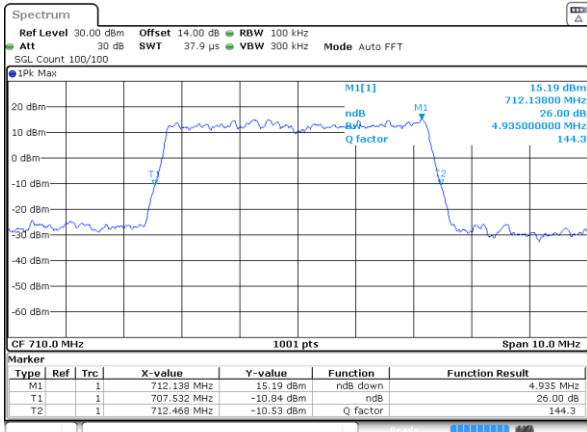
Date: 20 JAN 2016 11:30:03

Lowest Channel / 5MHz / 16QAM



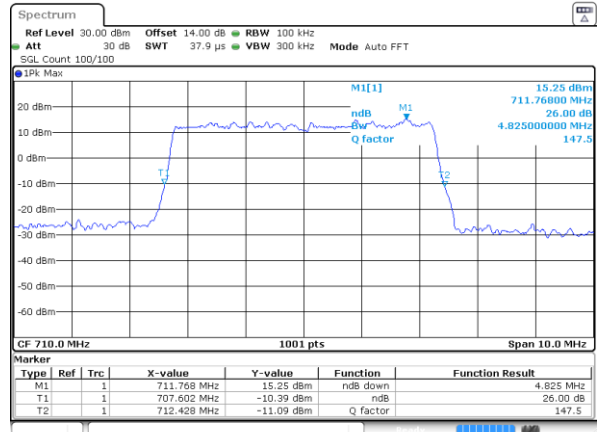
Date: 20 JAN 2016 11:31:23

Middle Channel / 5MHz / QPSK



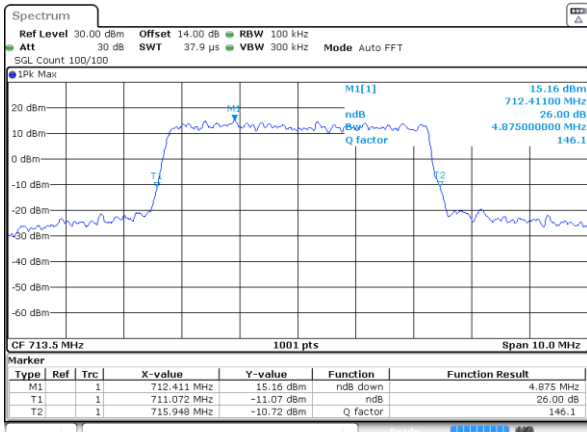
Date: 20 JAN 2016 11:44:26

Middle Channel / 5MHz / 16QAM



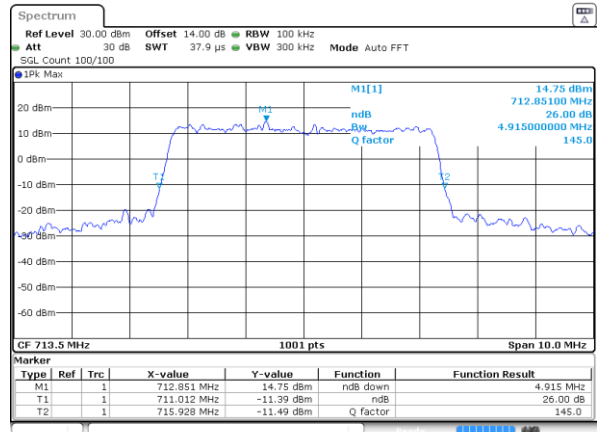
Date: 20 JAN 2016 12:26:48

Highest Channel / 5MHz / QPSK



Date: 20 JAN 2016 11:45:04

Highest Channel / 5MHz / 16QAM

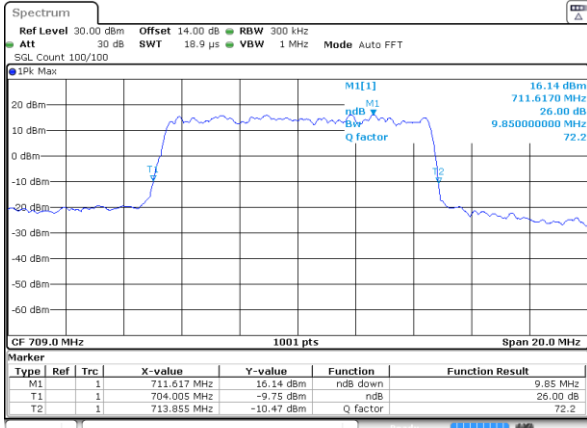


Date: 20 JAN 2016 12:15:11



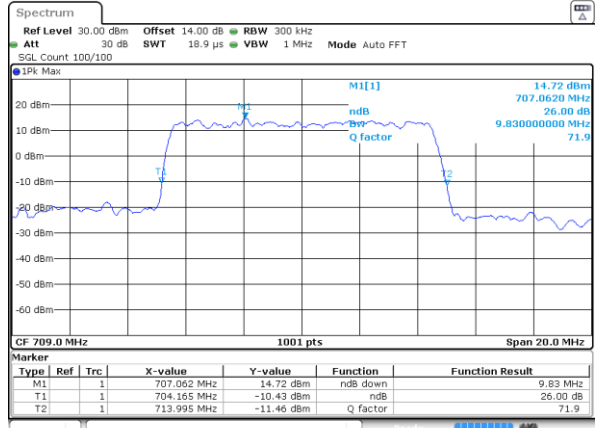
LTE Band 17

Lowest Channel / 10MHz / QPSK



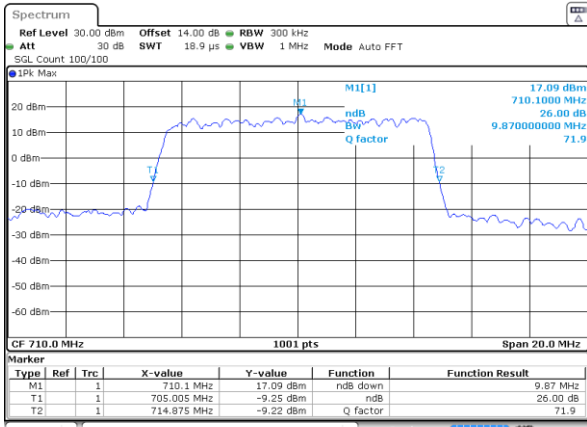
Date: 20 JAN 2016 12:28:21

Lowest Channel / 10MHz / 16QAM



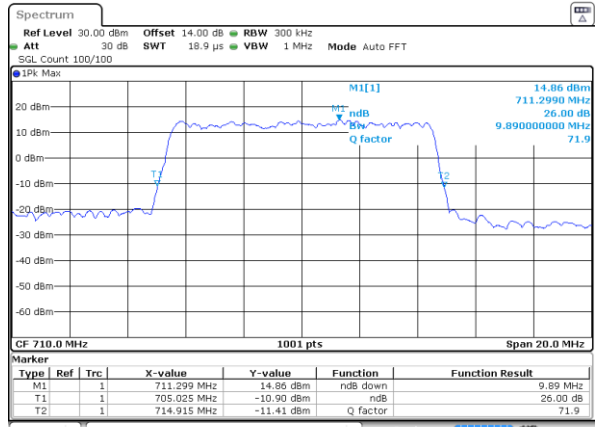
Date: 20 JAN 2016 12:32:09

Middle Channel / 10MHz / QPSK



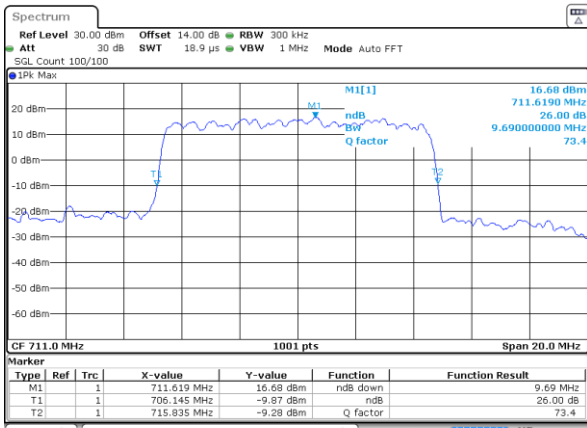
Date: 20 JAN 2016 12:54:06

Middle Channel / 10MHz / 16QAM



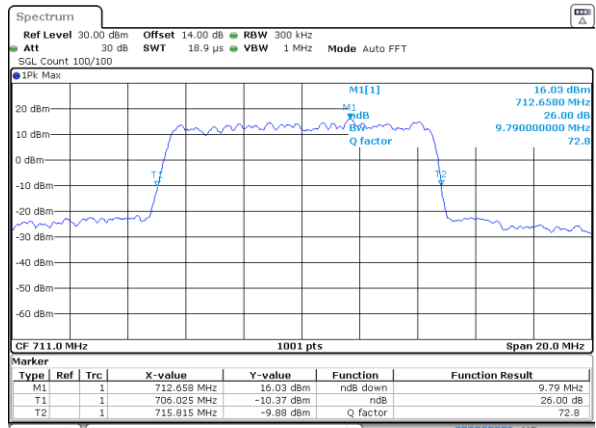
Date: 20 JAN 2016 12:54:30

Highest Channel / 10MHz / QPSK



Date: 20 JAN 2016 12:59:07

Highest Channel / 10MHz / 16QAM

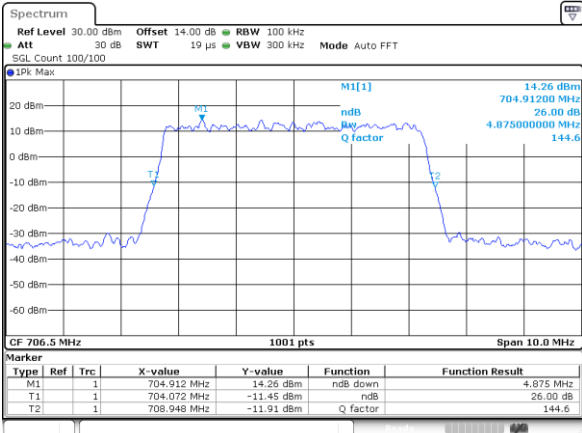


Date: 20 JAN 2016 12:56:11



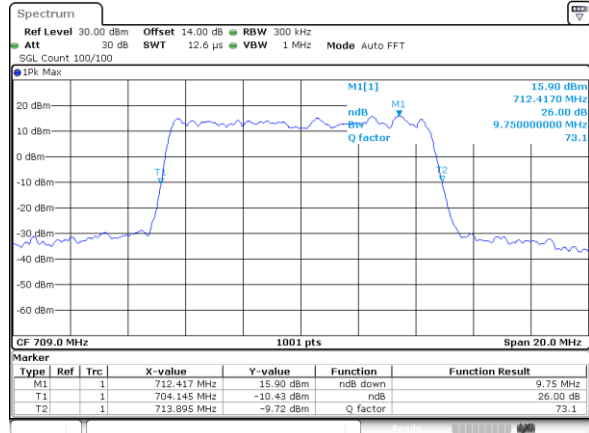
LTE Band 17

Lowest Channel / 5MHz / 64QAM



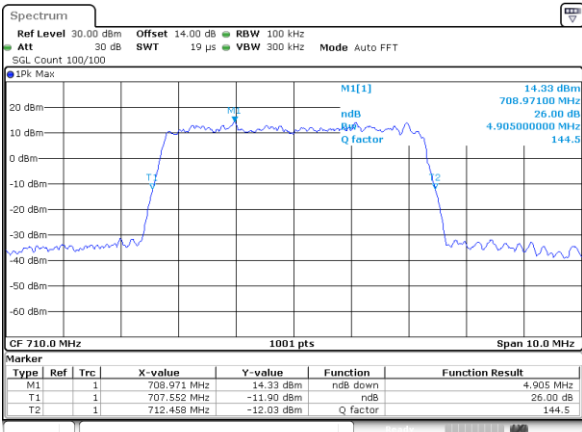
Date: 22_SEP.2017 04:07:57

Lowest Channel / 10MHz / 64QAM



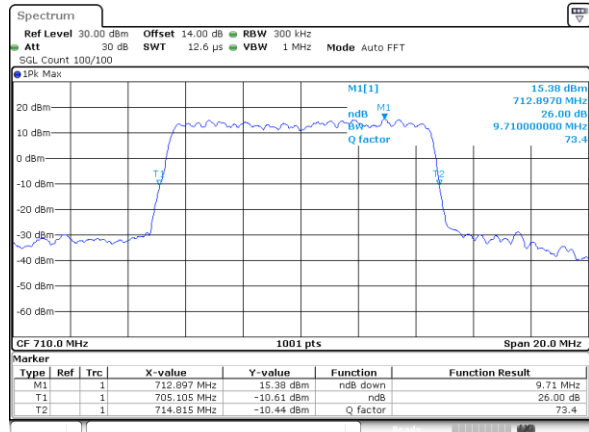
Date: 22_SEP.2017 04:11:23

Middle Channel / 5MHz / 64QAM



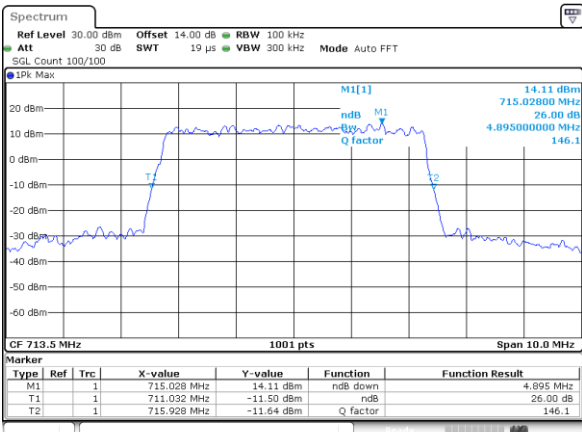
Date: 22_SEP.2017 04:11:32

Middle Channel / 10MHz / 64QAM



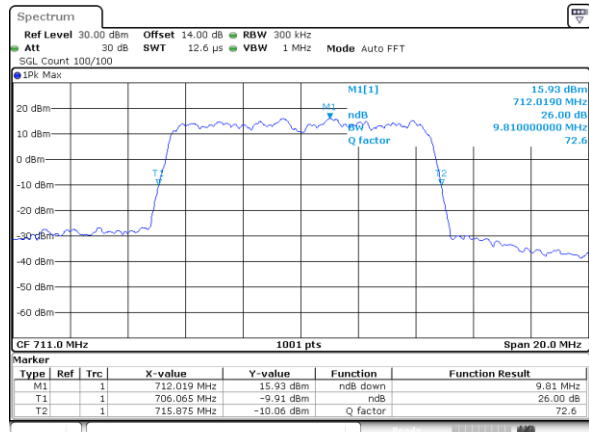
Date: 22_SEP.2017 04:19:57

Highest Channel / 5MHz / 64QAM



Date: 22_SEP.2017 04:12:48

Highest Channel / 10MHz / 64QAM



Date: 22_SEP.2017 04:21:14



Occupied Bandwidth

Mode		LTE Band 2 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.1	2.75	2.72	4.53	4.5	9.07	9.03	13.46	13.4	18.42	18.38
Middle CH	1.09	1.1	2.72	2.72	4.5	4.49	9.09	9.03	13.46	13.4	18.34	18.38
Highest CH	1.1	1.1	2.75	2.72	4.49	4.51	9.01	9.07	13.52	13.43	18.22	18.3
Mode		LTE Band 2 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.1		2.73		4.51		9.01		13.46		18.42	
Middle CH	1.1		2.73		4.48		9.03		13.43		18.26	
Highest CH	1.09		2.74		4.5		9.01		13.46		18.46	

Mode		LTE Band 4 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.72	2.72	4.5	4.49	8.97	9.07	13.43	13.49	18.3	18.3
Middle CH	1.09	1.09	2.74	2.7	4.49	4.5	9.05	9.01	13.43	13.46	18.3	18.26
Highest CH	1.09	1.09	2.72	2.71	4.49	4.51	8.99	9.03	13.43	13.46	18.34	18.46
Mode		LTE Band 4 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.73		4.49		8.99		13.43		18.3	
Middle CH	1.09		2.73		4.49		9.05		13.46		18.3	
Highest CH	1.09		2.75		4.48		9.03		13.46		18.38	

Mode		LTE Band 5 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.73	2.72	4.48	4.5	9.03	9.03	1.09	2.73	4.51	9.07
Middle CH	1.09	1.09	2.72	2.73	4.49	4.48	8.97	9.01	1.09	2.72	4.47	9.05
Highest CH	1.09	1.09	2.73	2.71	4.49	4.51	9.09	9.05	1.09	2.72	4.51	9.07



Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.49	4.49	9.09	9.05	13.46	13.43	18.26	18.3	4.51	9.01	13.43	18.38
Middle CH	4.5	4.51	9.03	9.01	13.37	13.46	18.42	18.22	4.48	8.97	13.43	18.34
Highest CH	4.52	4.5	9.03	9.07	13.46	13.49	18.38	18.42	4.48	9.05	13.49	18.46

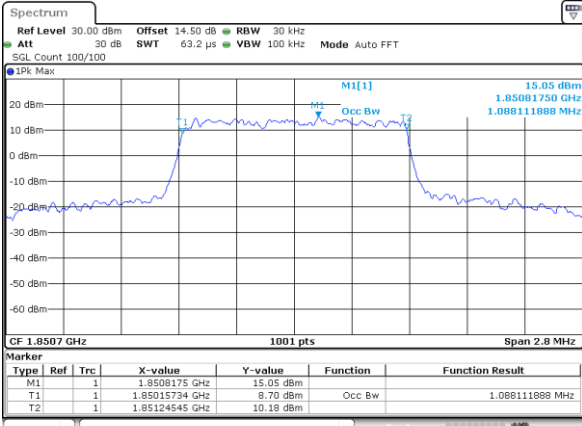
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.72	2.7	4.5	4.5	8.99	8.99	1.08	2.73	4.5	9.07
Middle CH	1.09	1.09	2.72	2.72	4.5	4.48	9.07	8.97	1.09	2.73	4.5	9.05
Highest CH	1.09	1.08	2.72	2.72	4.5	4.49	9.05	9.05	1.09	2.73	4.47	8.99

Mode	LTE Band 17 : 99%OBW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.5	4.51	9.05	9.05	4.47	9.03						
Middle CH	4.51	4.49	9.03	9.03	4.48	8.99						
Highest CH	4.5	4.49	9.01	9.03	4.49	8.99						



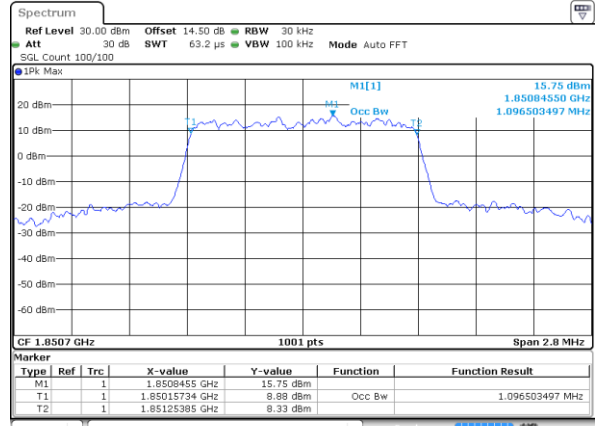
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



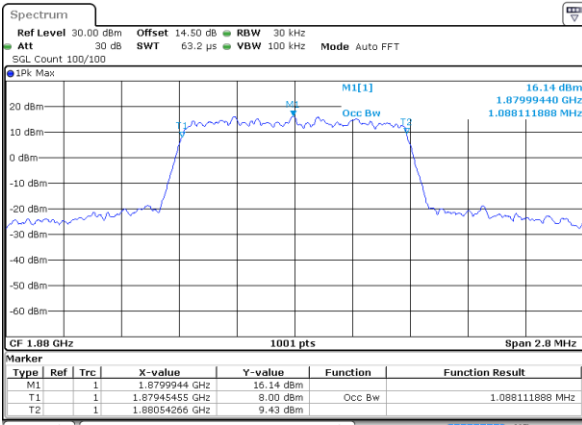
Date: 19 JAN 2018 06:22:22

Lowest Channel / 1.4MHz / 16QAM



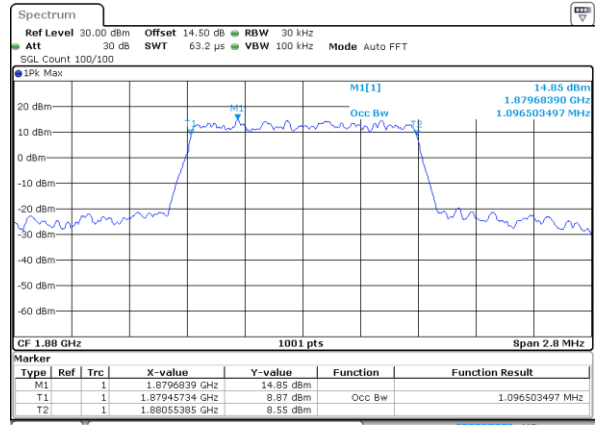
Date: 19 JAN 2018 01:31:55

Middle Channel / 1.4MHz / QPSK



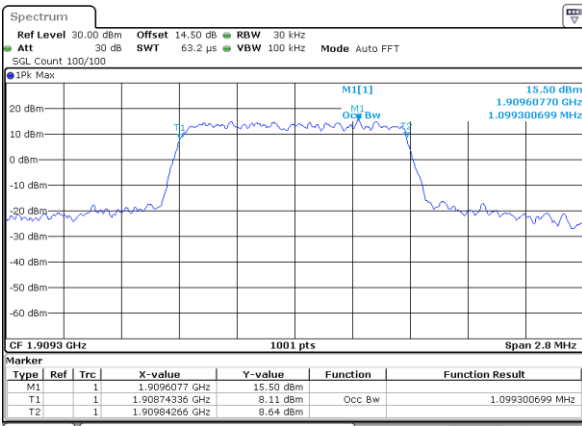
Date: 19 JAN 2018 01:38:42

Middle Channel / 1.4MHz / 16QAM



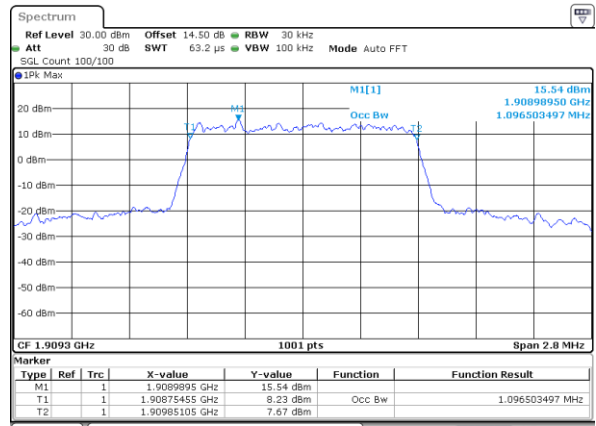
Date: 19 JAN 2018 01:38:52

Highest Channel / 1.4MHz / QPSK



Date: 19 JAN 2018 01:41:08

Highest Channel / 1.4MHz / 16QAM



Date: 19 JAN 2018 01:41:17