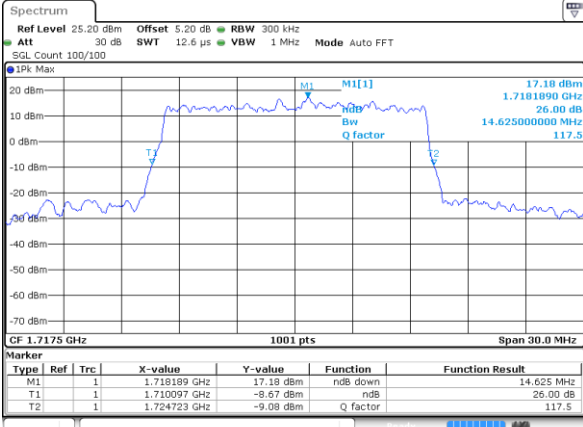




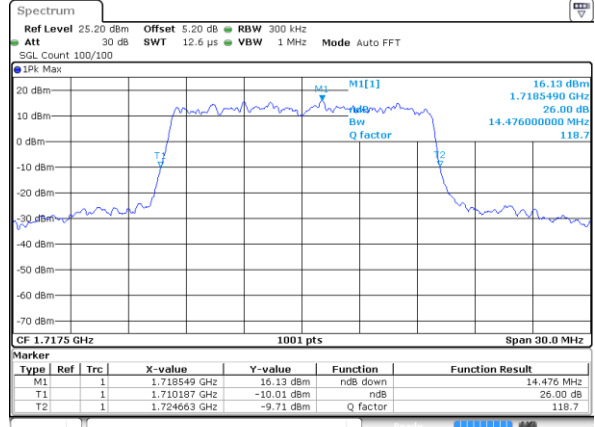
LTE Band 66

Lowest Channel / 15MHz / QPSK



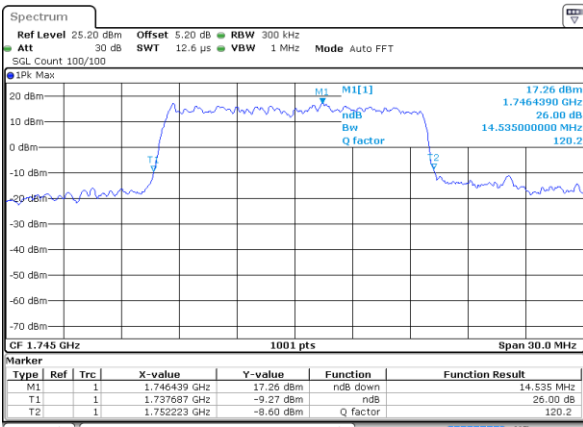
Date: 11 MAY 2019 21:57:23

Lowest Channel / 15MHz / 16QAM



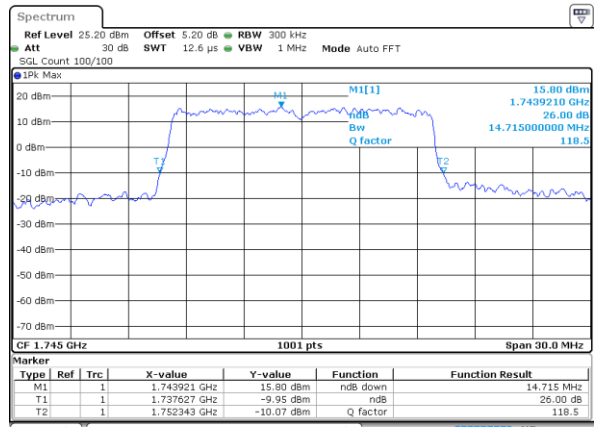
Date: 11 MAY 2019 21:57:52

Middle Channel / 15MHz / QPSK



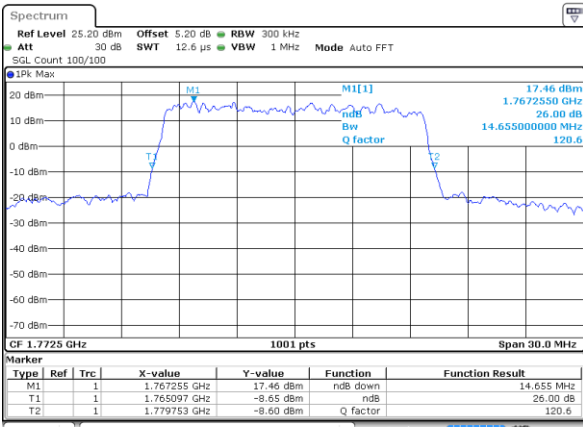
Date: 11 MAY 2019 21:53:37

Middle Channel / 15MHz / 16QAM



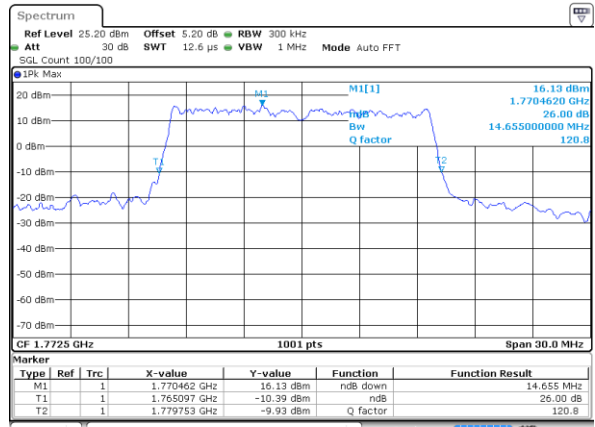
Date: 11 MAY 2019 21:53:59

Highest Channel / 15MHz / QPSK



Date: 11 MAY 2019 22:02:40

Highest Channel / 15MHz / 16QAM

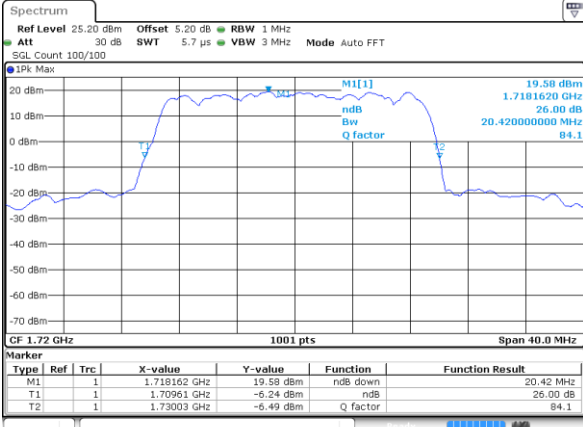


Date: 11 MAY 2019 22:03:11



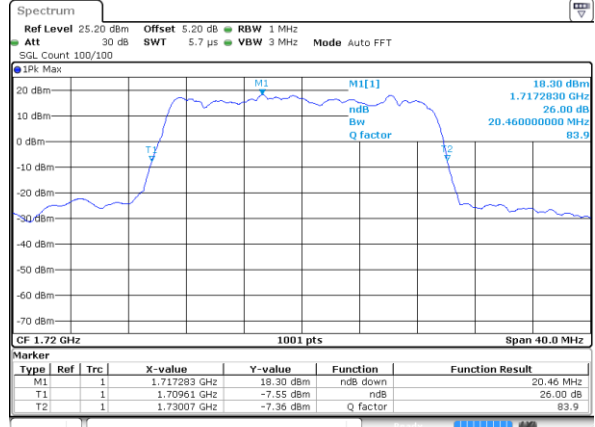
LTE Band 66

Lowest Channel / 20MHz / QPSK



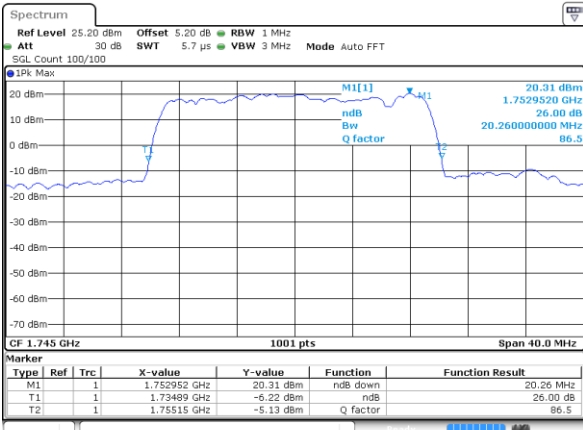
Date: 11 MAY 2019 22:15:15

Lowest Channel / 20MHz / 16QAM



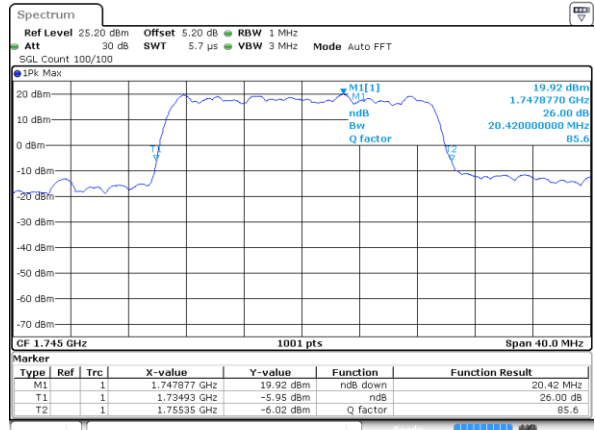
Date: 11 MAY 2019 22:15:59

Middle Channel / 20MHz / QPSK



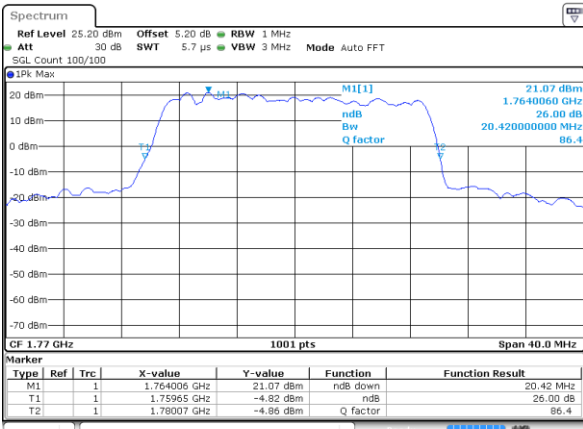
Date: 11 MAY 2019 22:09:51

Middle Channel / 20MHz / 16QAM



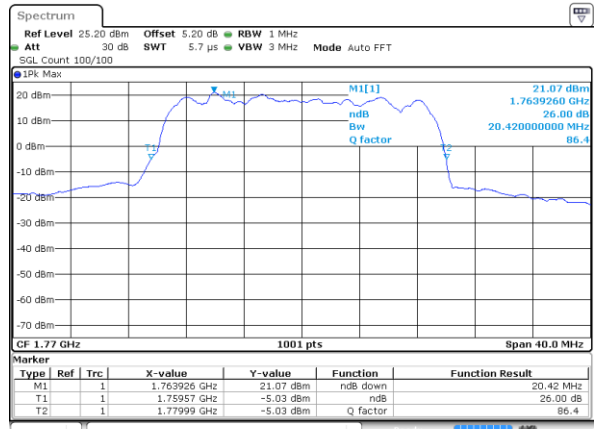
Date: 11 MAY 2019 22:10:35

Highest Channel / 20MHz / QPSK



Date: 11 MAY 2019 22:21:20

Highest Channel / 20MHz / 16QAM



Date: 11 MAY 2019 22:21:58



Occupied Bandwidth

Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.72	2.71	4.52	4.51	9.05	8.99				
Middle CH	1.10	1.09	2.73	2.72	4.47	4.49	8.93	8.97				
Highest CH	1.09	1.10	2.73	2.69	4.50	4.50	9.03	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					4.47	4.47						
Middle CH					4.50	4.50	8.99	8.97				
Highest CH					4.48	4.49						

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	1.09	1.10	2.72	2.72	4.49	4.50	9.09	9.01	13.40	13.40	18.30	18.26
Middle CH	1.10	1.09	2.70	2.73	4.49	4.51	9.03	9.01	13.40	13.43	18.39	18.38
Highest CH	1.10	1.10	2.72	2.72	4.48	4.46	9.01	9.01	13.40	13.43	18.46	18.50

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.10	2.70	2.70	4.50	4.49	9.03	9.01				
Middle CH	1.11	1.09	2.72	2.73	4.49	4.51	9.03	9.01				
Highest CH	1.09	1.10	2.72	2.71	4.48	4.48	8.97	8.97				

Mode	LTE Band 26 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH									13.37	13.43	13.37	13.40
Middle CH									13.46	13.43	-	-
Highest CH									13.49	13.49	-	-



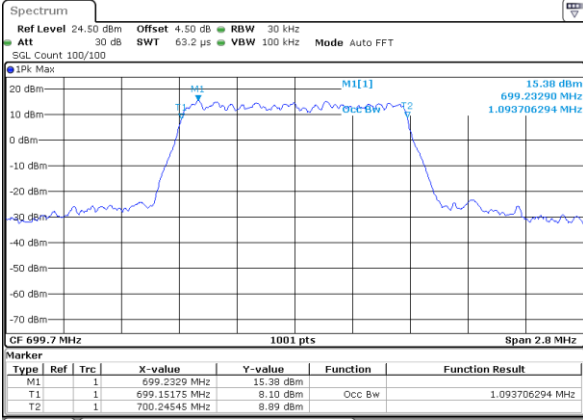
Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.48	4.48	8.99	9.05	13.46	13.46	18.30	18.10
Middle CH					4.53	4.48	9.09	9.01	13.43	13.43	18.22	18.26
Highest CH					4.51	4.50	9.01	8.95	13.43	13.43	18.86	18.22

Mode	LTE Band 66 : 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	1.10	1.09	2.74	2.73	4.47	4.51	9.03	9.03	13.43	13.46	18.34	18.34
Middle CH	1.10	1.09	2.73	2.71	4.48	4.51	9.03	9.01	13.49	13.49	18.42	18.38
Highest CH	1.09	1.10	2.72	2.72	4.48	4.50	9.09	8.99	13.43	13.43	18.22	18.18



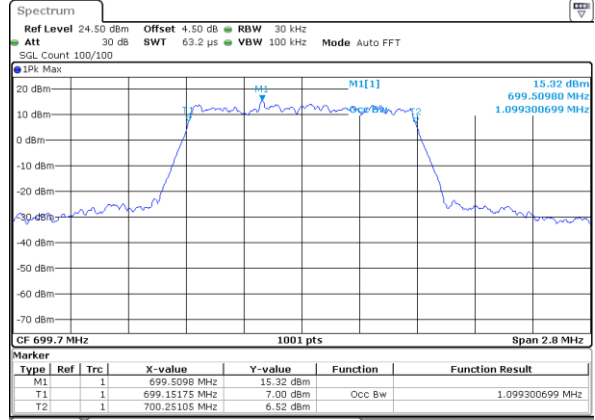
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



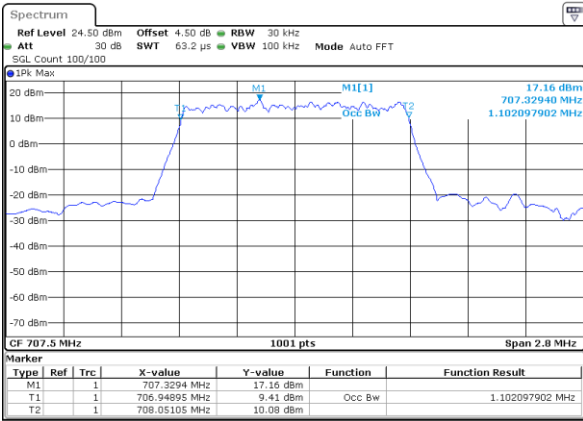
Date: 27 APR 2019 20:02:53

Lowest Channel / 1.4MHz / 16QAM



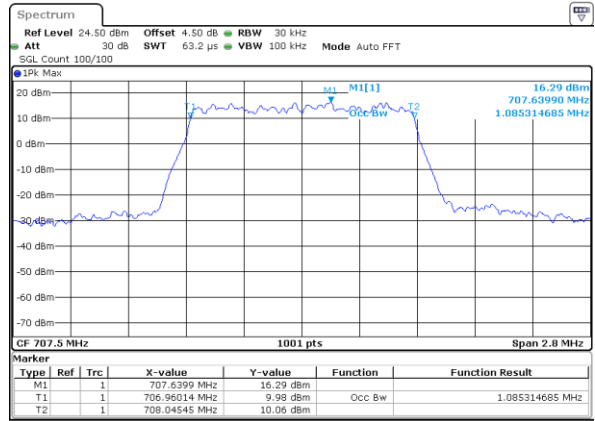
Date: 27 APR 2019 20:03:03

Middle Channel / 1.4MHz / QPSK



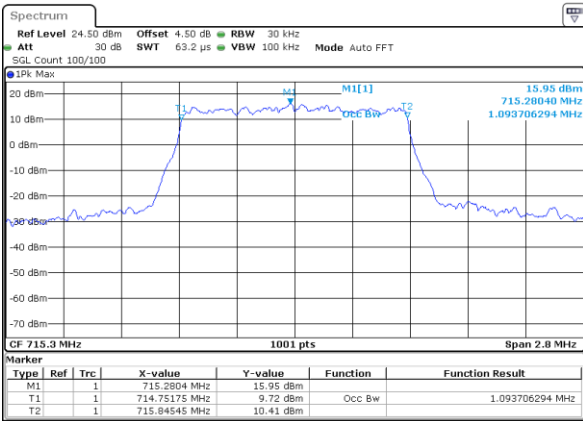
Date: 27 APR 2019 20:03:23

Middle Channel / 1.4MHz / 16QAM



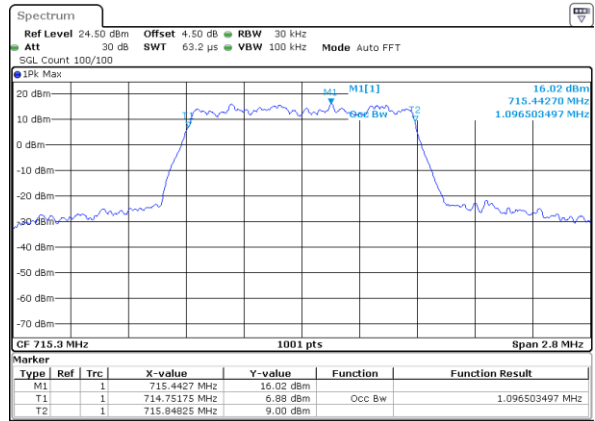
Date: 27 APR 2019 20:03:13

Highest Channel / 1.4MHz / QPSK



Date: 27 APR 2019 20:03:33

Highest Channel / 1.4MHz / 16QAM

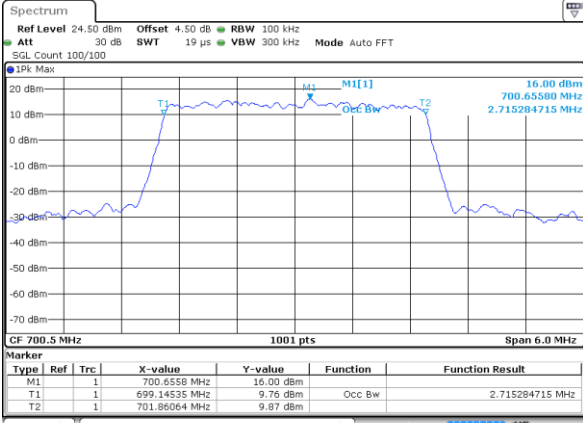


Date: 27 APR 2019 20:03:43



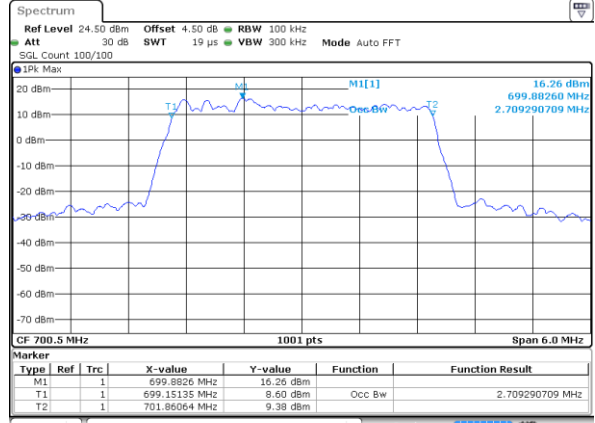
LTE Band 12

Lowest Channel / 3MHz / QPSK



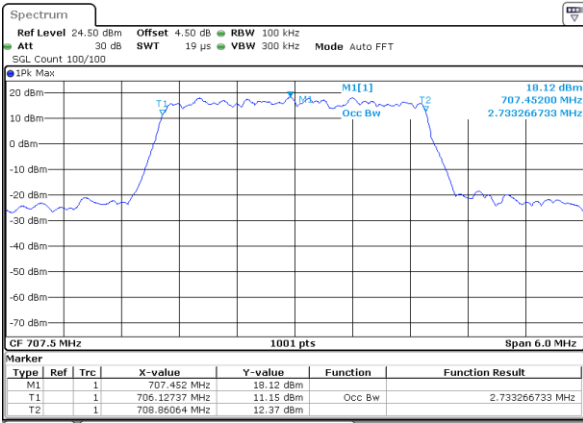
Date: 27 APR 2019 20:13:49

Lowest Channel / 3MHz / 16QAM



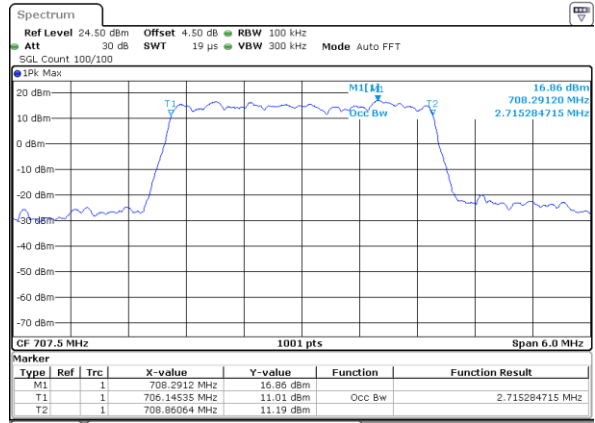
Date: 27 APR 2019 20:13:59

Middle Channel / 3MHz / QPSK



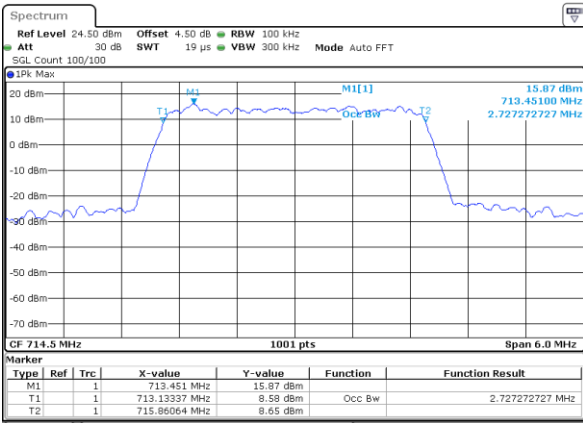
Date: 27 APR 2019 20:14:19

Middle Channel / 3MHz / 16QAM



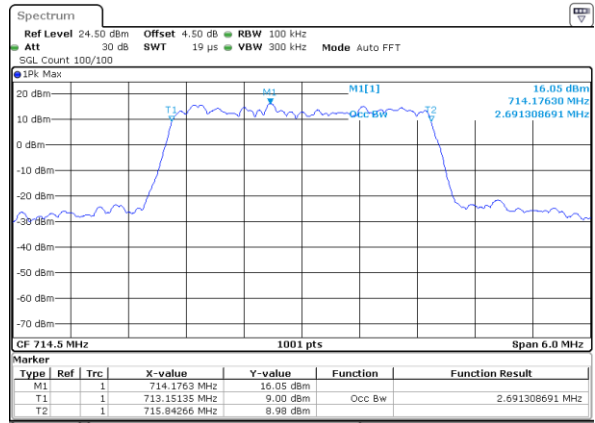
Date: 27 APR 2019 20:14:09

Highest Channel / 3MHz / QPSK



Date: 27 APR 2019 20:14:29

Highest Channel / 3MHz / 16QAM

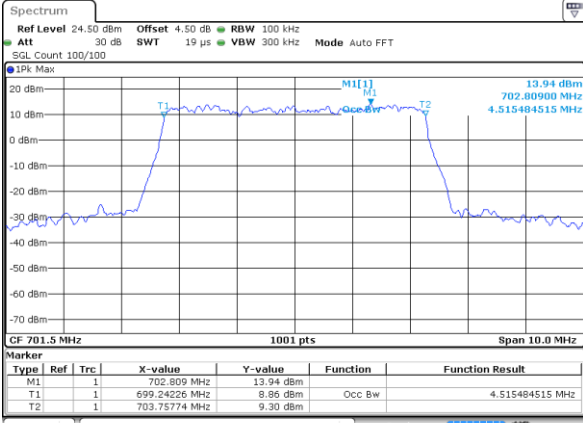


Date: 27 APR 2019 20:14:39



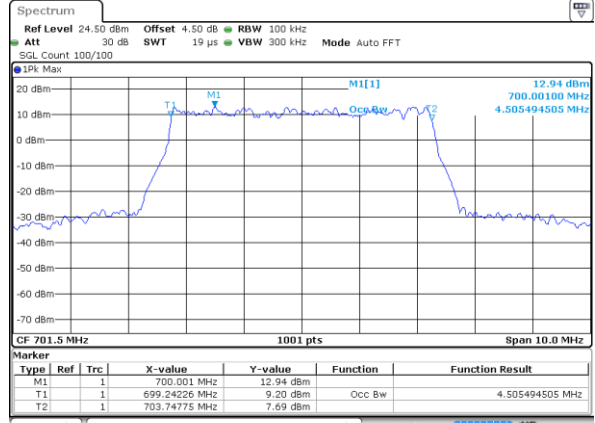
LTE Band 12

Lowest Channel / 5MHz / QPSK



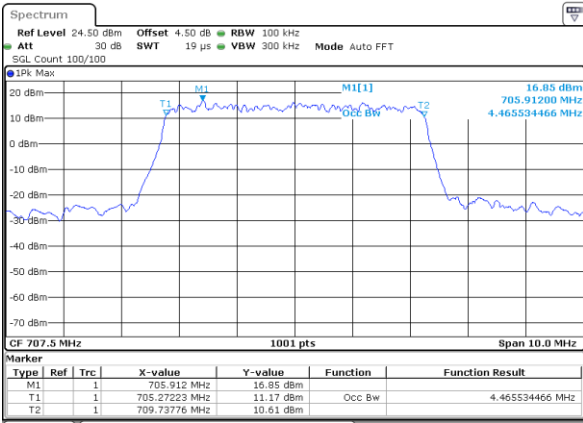
Date: 27 APR 2019 20:34:10

Lowest Channel / 5MHz / 16QAM



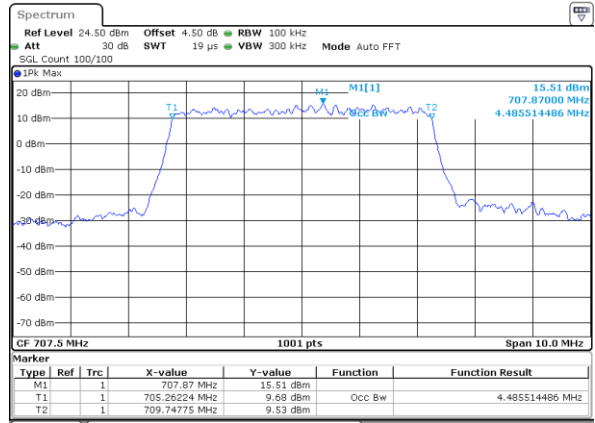
Date: 27 APR 2019 20:34:20

Middle Channel / 5MHz / QPSK



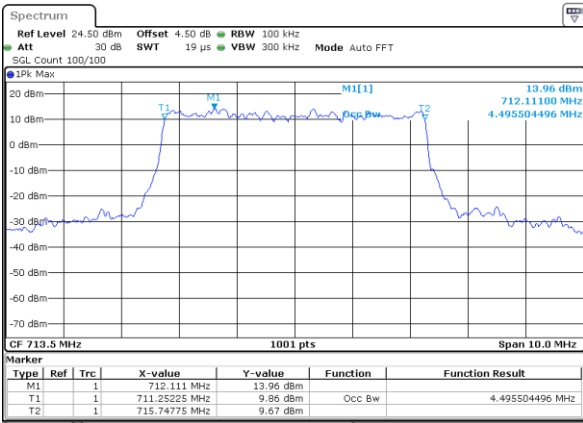
Date: 27 APR 2019 20:34:40

Middle Channel / 5MHz / 16QAM



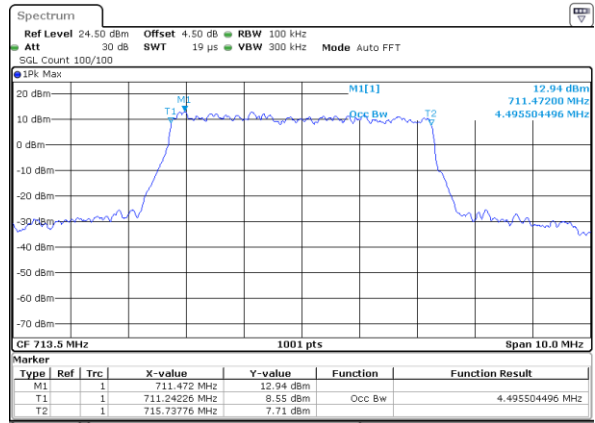
Date: 27 APR 2019 20:34:30

Highest Channel / 5MHz / QPSK



Date: 27 APR 2019 20:34:50

Highest Channel / 5MHz / 16QAM

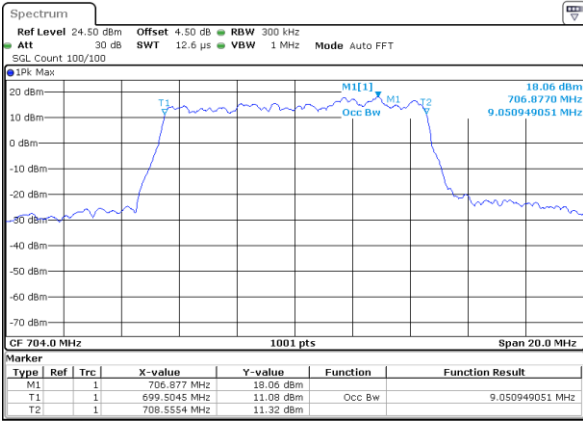


Date: 27 APR 2019 20:35:00



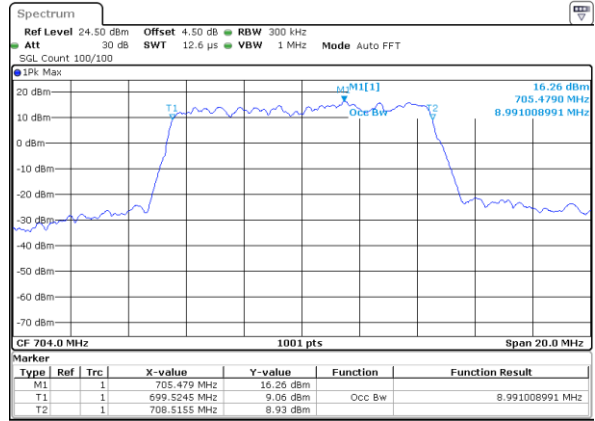
LTE Band 12

Lowest Channel / 10MHz / QPSK



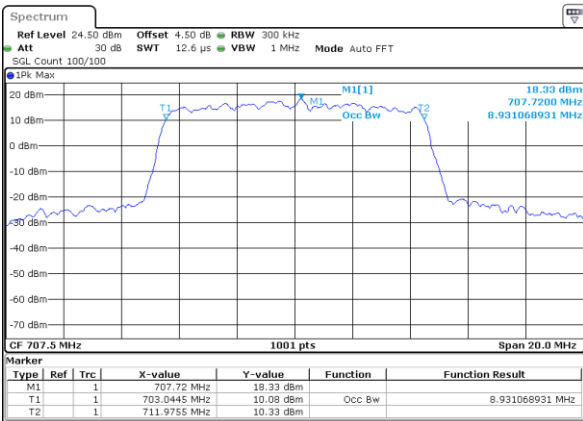
Date: 27 APR 2019 20:45:06

Lowest Channel / 10MHz / 16QAM



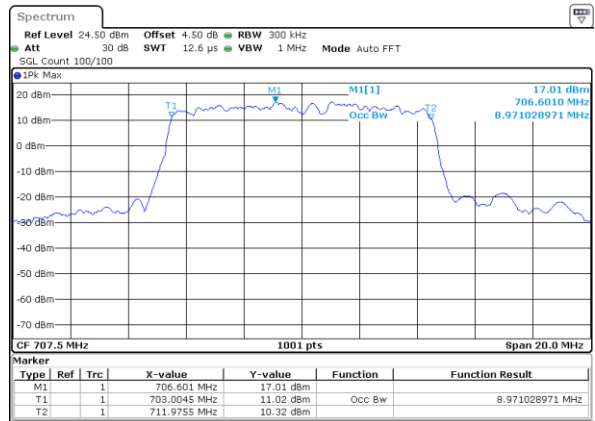
Date: 27 APR 2019 20:45:16

Middle Channel / 10MHz / QPSK



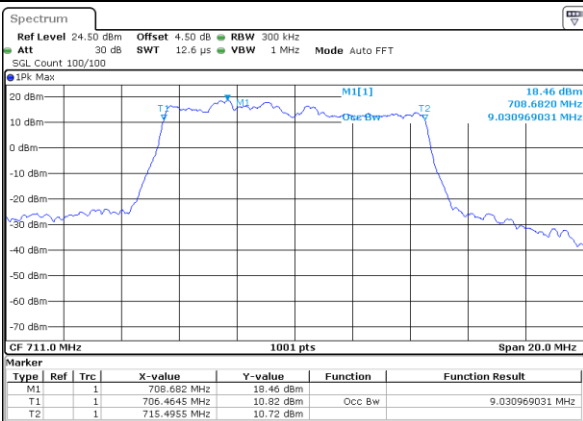
Date: 27 APR 2019 20:45:36

Middle Channel / 10MHz / 16QAM



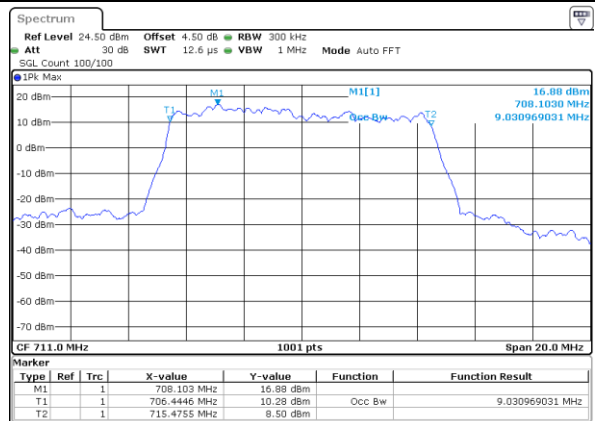
Date: 27 APR 2019 20:45:26

Highest Channel / 10MHz / QPSK



Date: 27 APR 2019 20:45:46

Highest Channel / 10MHz / 16QAM

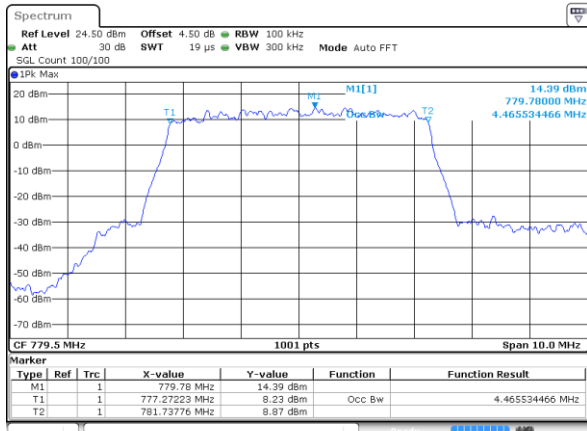


Date: 27 APR 2019 20:45:56



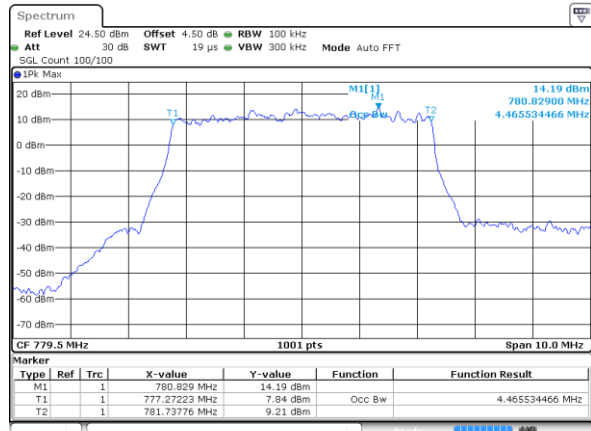
LTE Band 13

Lowest Channel / 5MHz / QPSK



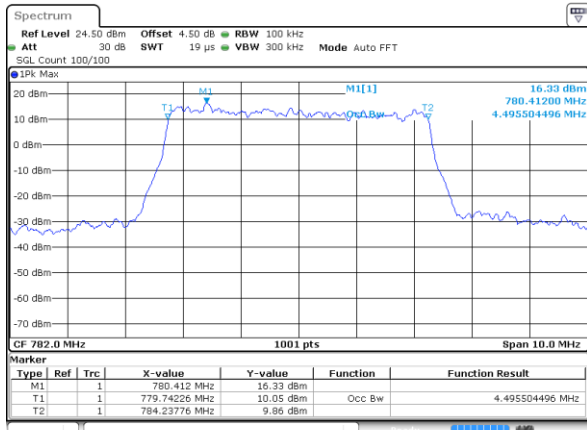
Date: 27 APR 2019 17:48:26

Lowest Channel / 5MHz / 16QAM



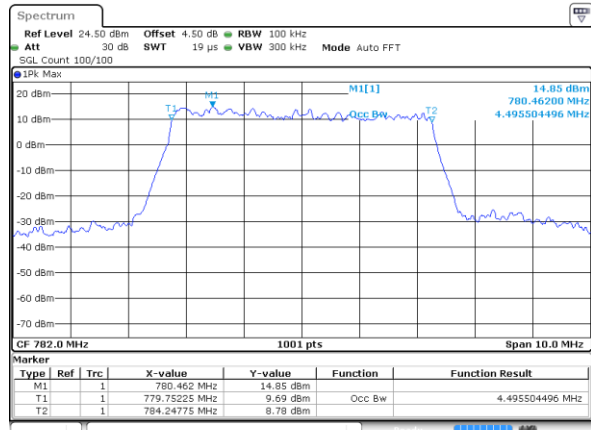
Date: 27 APR 2019 17:48:16

Middle Channel / 5MHz / QPSK



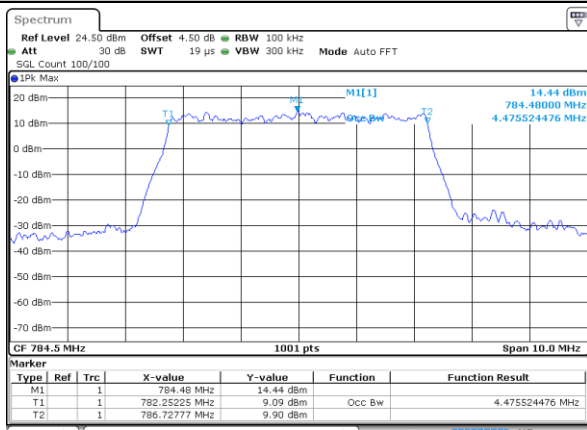
Date: 27 APR 2019 17:55:25

Middle Channel / 5MHz / 16QAM



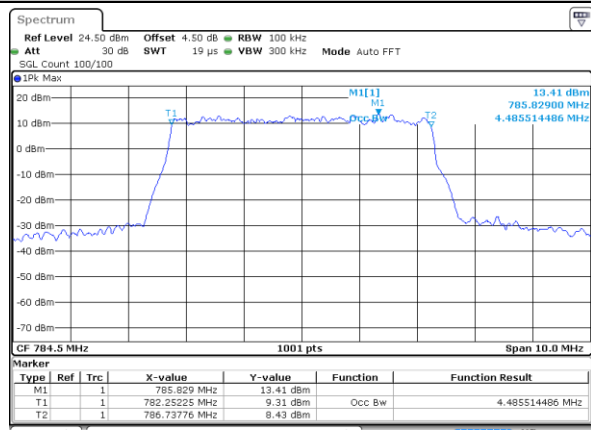
Date: 27 APR 2019 17:55:35

Highest Channel / 5MHz / QPSK



Date: 27 APR 2019 17:56:05

Highest Channel / 5MHz / 16QAM

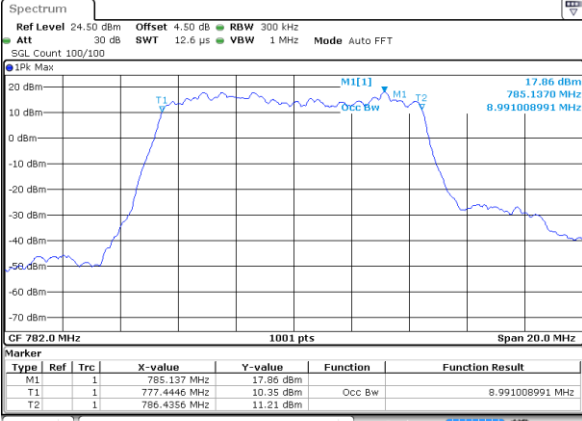


Date: 27 APR 2019 17:56:15



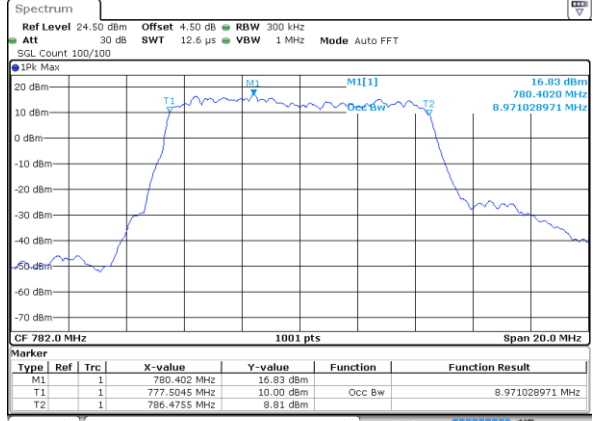
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 27 APR 2019 19:16:34

Middle Channel / 10MHz / 16QAM

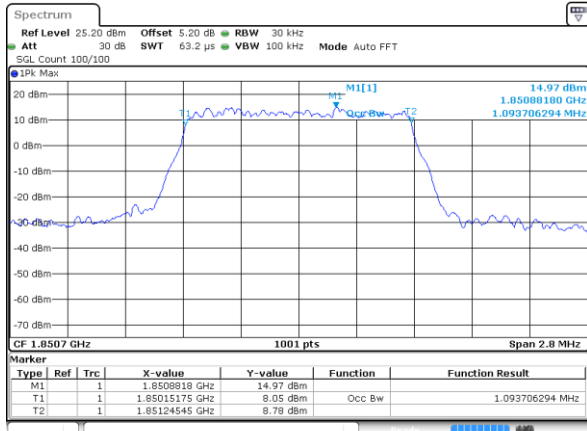


Date: 27 APR 2019 18:03:24



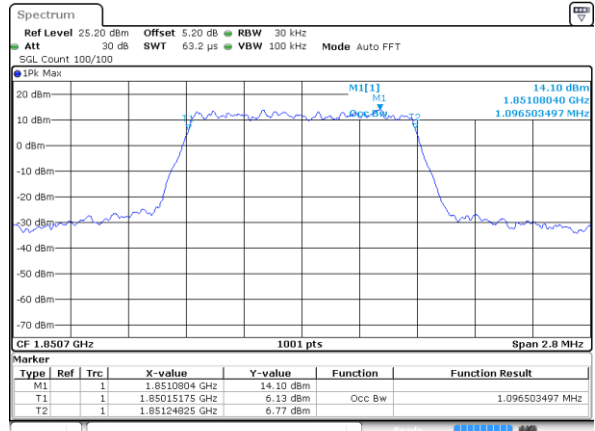
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



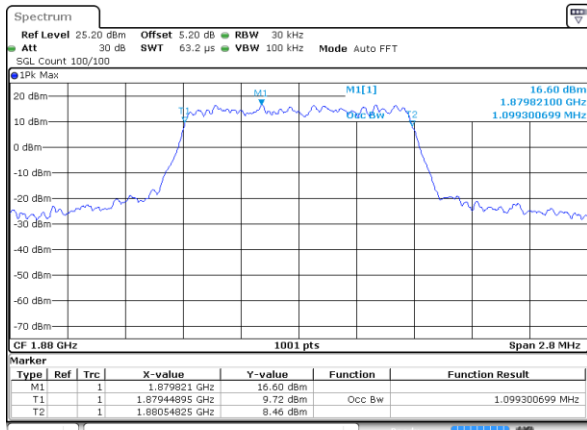
Date: 29 APR 2019 11:19:06

Lowest Channel / 1.4MHz / 16QAM



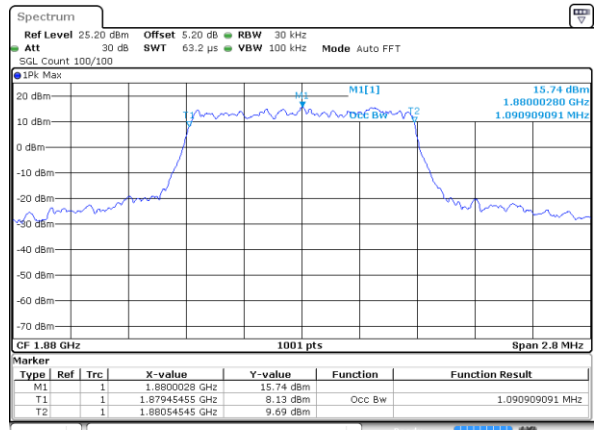
Date: 29 APR 2019 11:19:27

Middle Channel / 1.4MHz / QPSK



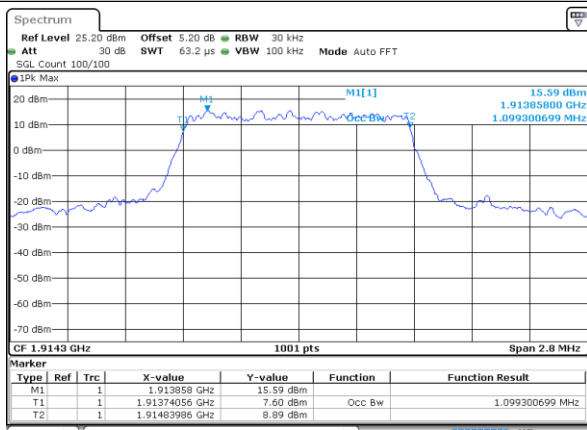
Date: 29 APR 2019 11:19:47

Middle Channel / 1.4MHz / 16QAM



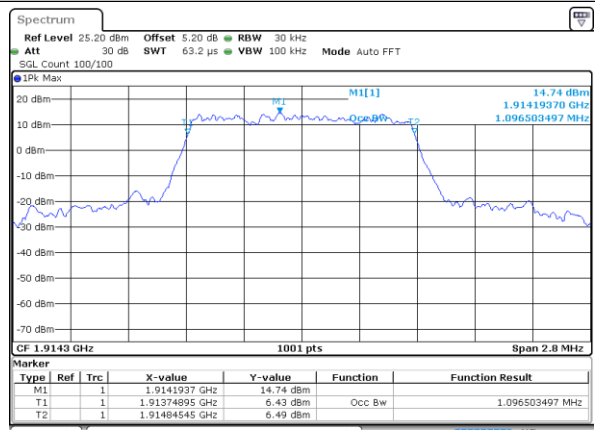
Date: 29 APR 2019 11:20:07

Highest Channel / 1.4MHz / QPSK



Date: 29 APR 2019 11:20:27

Highest Channel / 1.4MHz / 16QAM

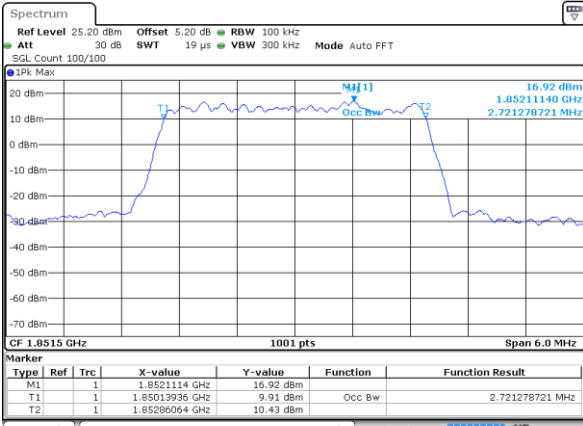


Date: 29 APR 2019 11:20:47



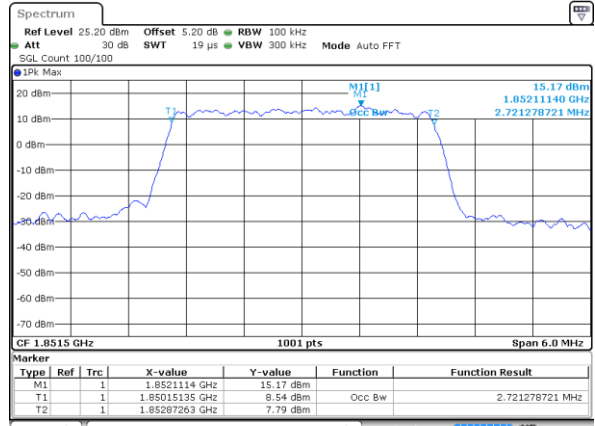
LTE Band 25

Lowest Channel / 3MHz / QPSK



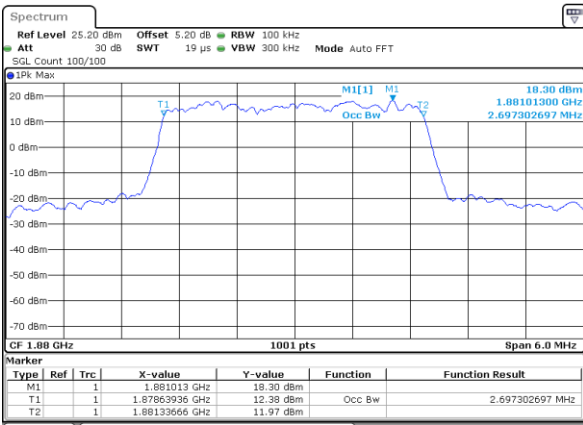
Date: 29 APR 2019 11:30:08

Lowest Channel / 3MHz / 16QAM



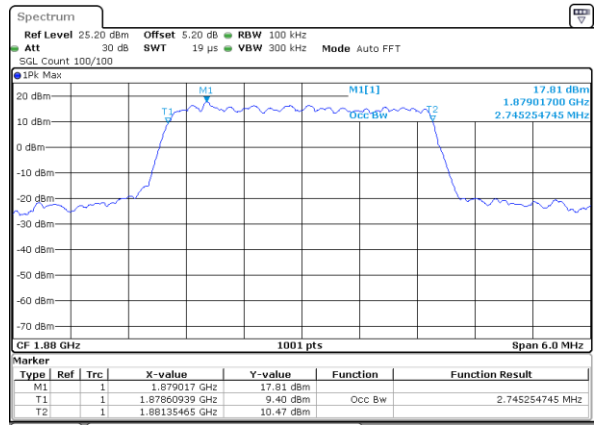
Date: 29 APR 2019 11:30:28

Middle Channel / 3MHz / QPSK



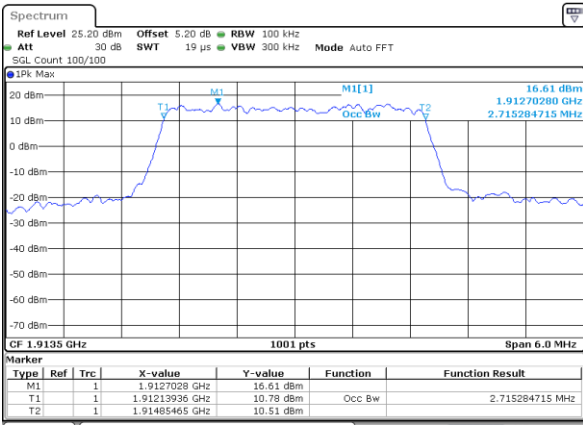
Date: 29 APR 2019 11:30:48

Middle Channel / 3MHz / 16QAM



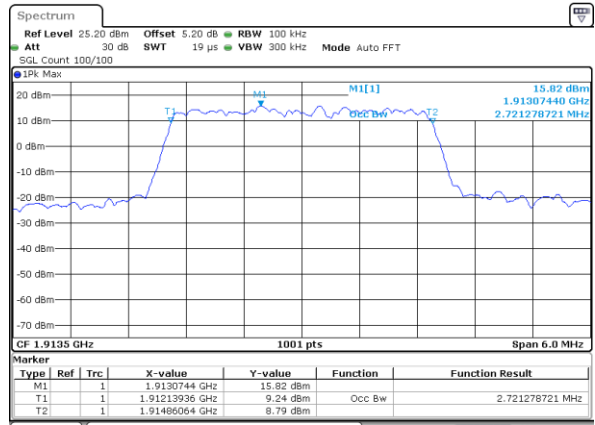
Date: 29 APR 2019 11:31:08

Highest Channel / 3MHz / QPSK



Date: 29 APR 2019 11:31:28

Highest Channel / 3MHz / 16QAM

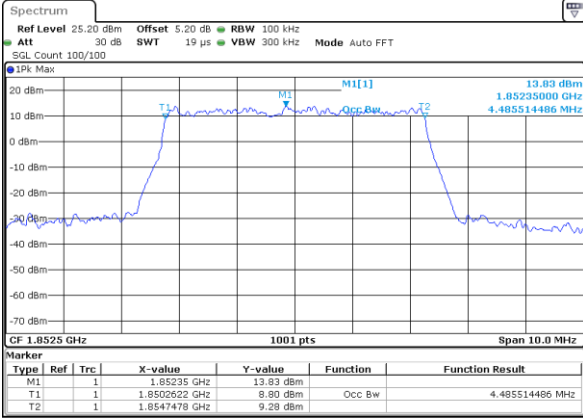


Date: 29 APR 2019 11:31:48



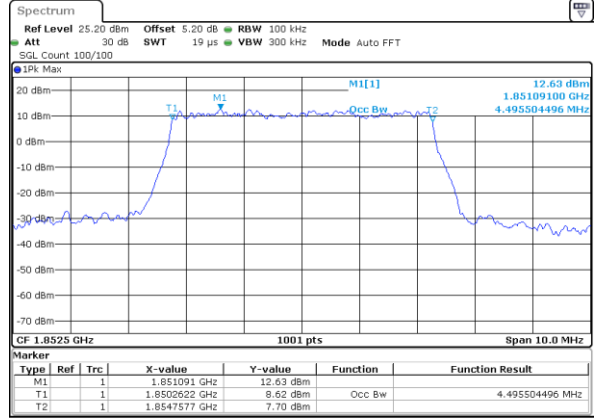
LTE Band 25

Lowest Channel / 5MHz / QPSK



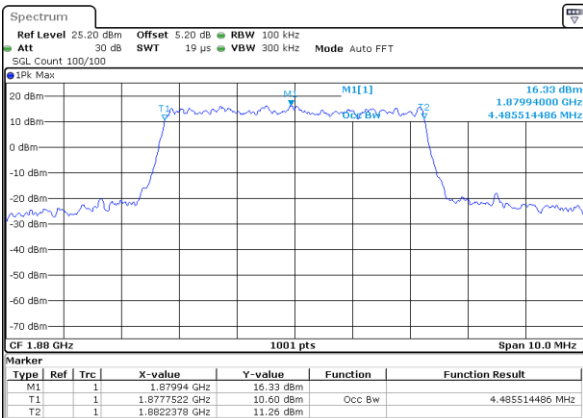
Date: 29 APR 2019 11:41:09

Lowest Channel / 5MHz / 16QAM



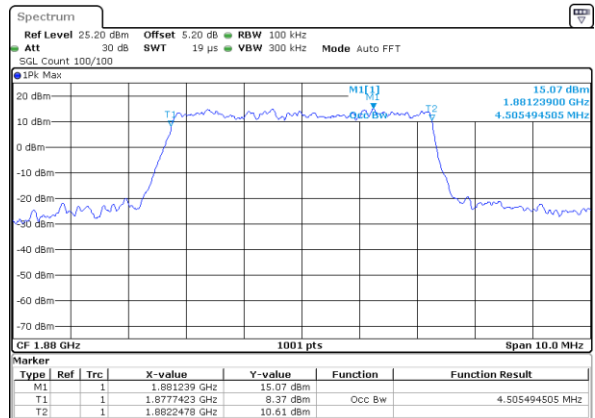
Date: 29 APR 2019 11:41:29

Middle Channel / 5MHz / QPSK



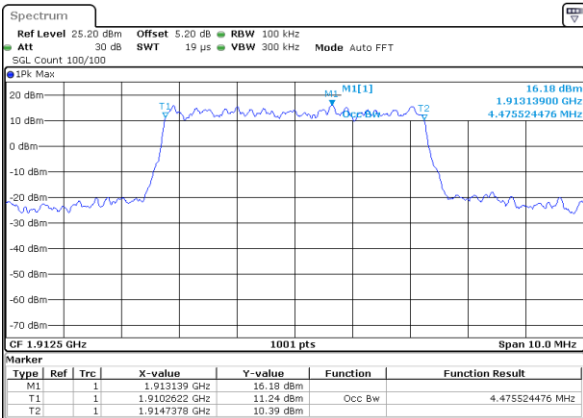
Date: 29 APR 2019 11:46:39

Middle Channel / 5MHz / 16QAM



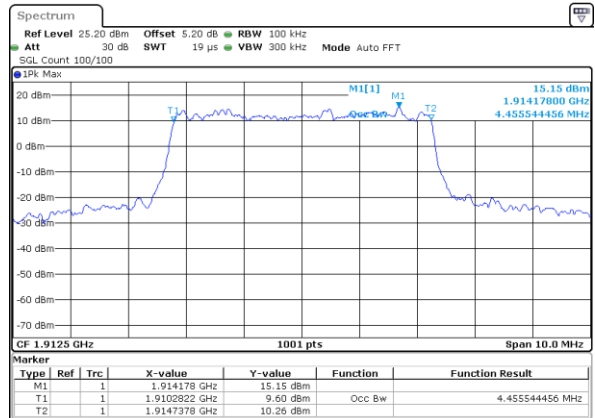
Date: 29 APR 2019 11:46:19

Highest Channel / 5MHz / QPSK



Date: 29 APR 2019 11:46:59

Highest Channel / 5MHz / 16QAM

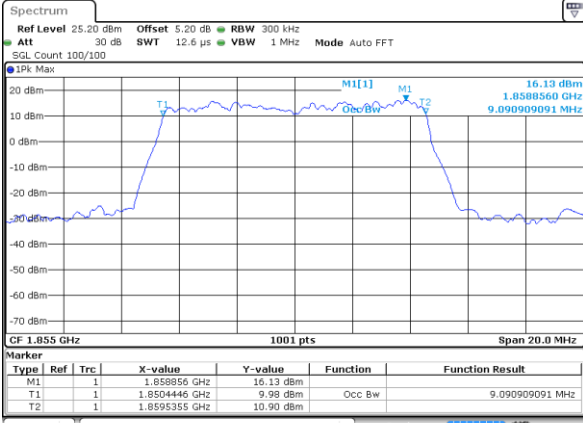


Date: 29 APR 2019 11:47:19



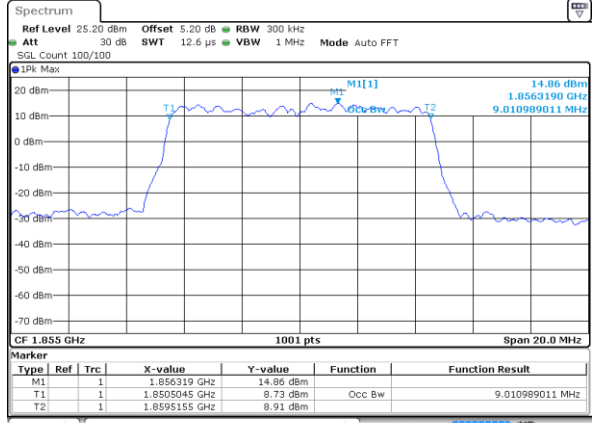
LTE Band 25

Lowest Channel / 10MHz / QPSK



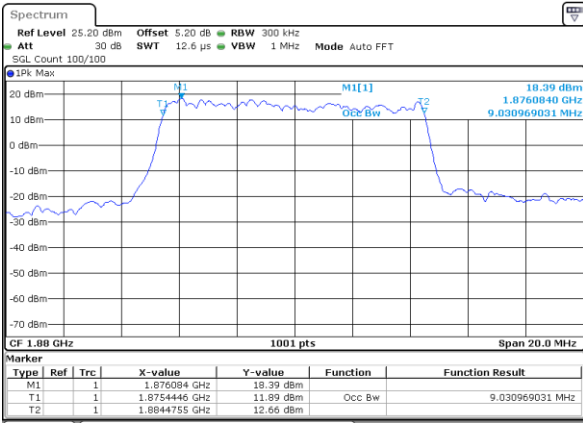
Date: 29 APR 2019 11:52:09

Lowest Channel / 10MHz / 16QAM



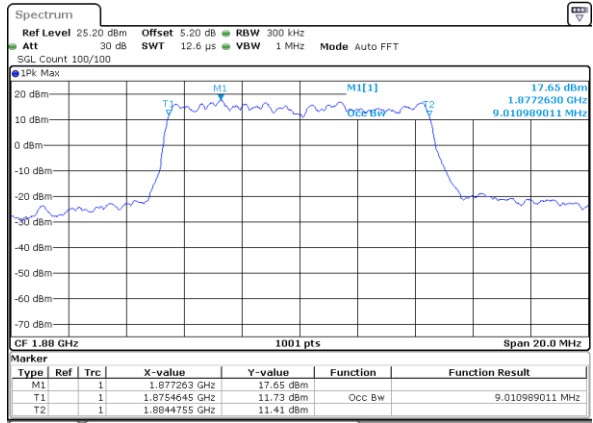
Date: 29 APR 2019 11:52:29

Middle Channel / 10MHz / QPSK



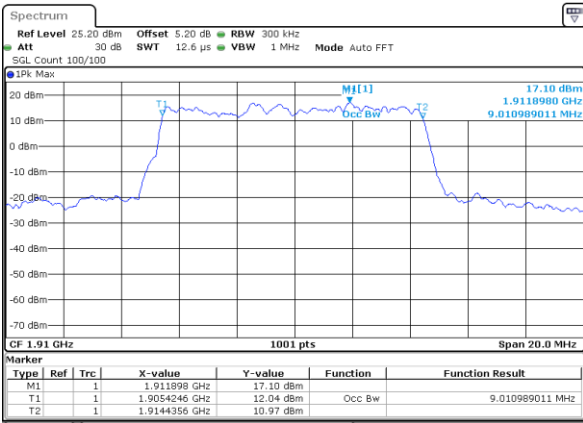
Date: 29 APR 2019 11:57:39

Middle Channel / 10MHz / 16QAM



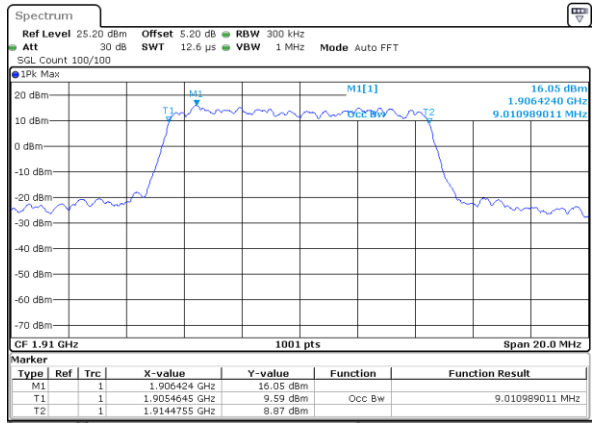
Date: 29 APR 2019 11:57:19

Highest Channel / 10MHz / QPSK



Date: 29 APR 2019 11:57:59

Highest Channel / 10MHz / 16QAM

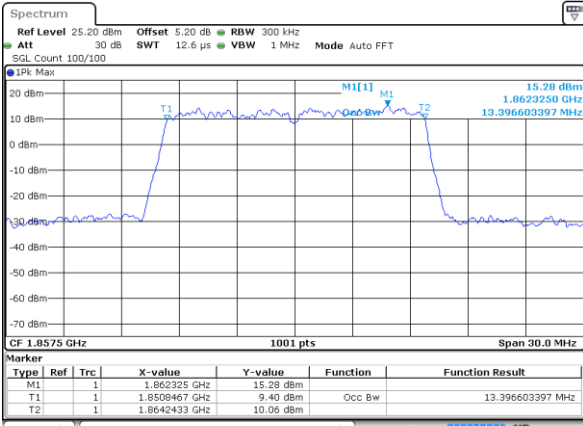


Date: 29 APR 2019 11:58:19



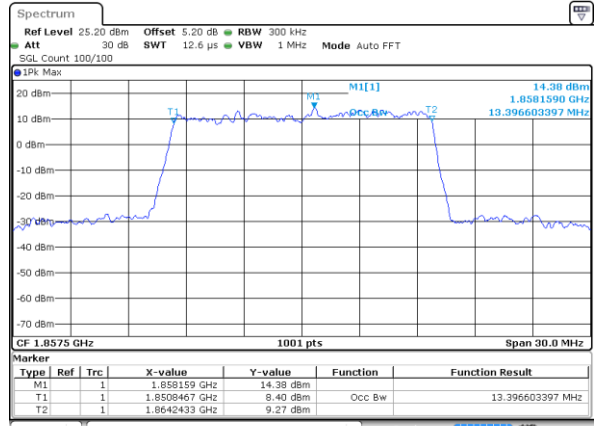
LTE Band 25

Lowest Channel / 15MHz / QPSK



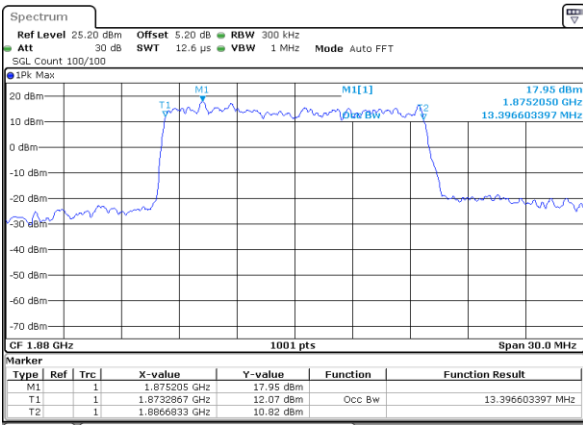
Date: 29 APR 2019 12:03:10

Lowest Channel / 15MHz / 16QAM



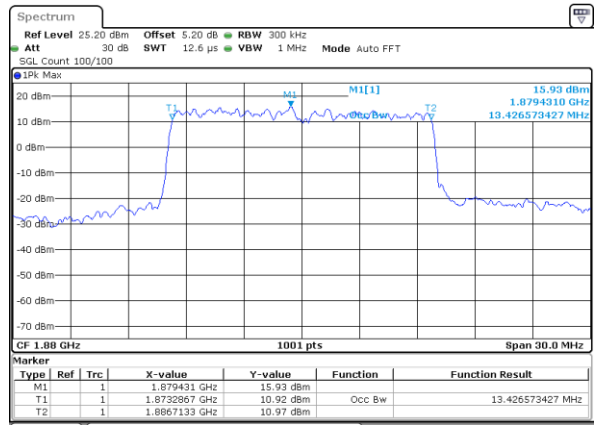
Date: 29 APR 2019 12:03:30

Middle Channel / 15MHz / QPSK



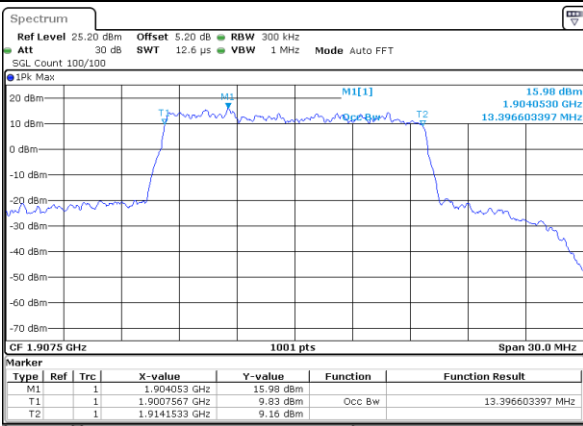
Date: 29 APR 2019 12:08:40

Middle Channel / 15MHz / 16QAM



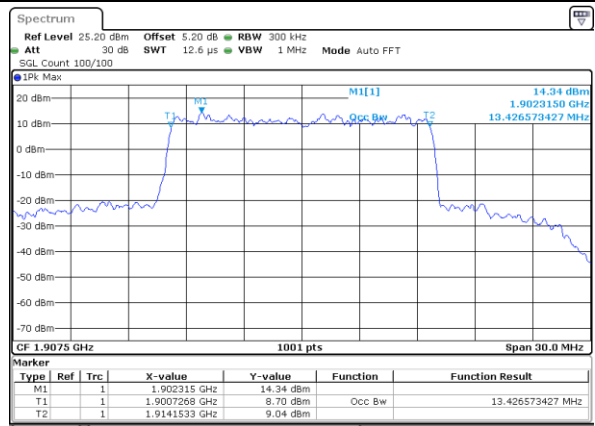
Date: 29 APR 2019 12:08:20

Highest Channel / 15MHz / QPSK



Date: 29 APR 2019 12:09:00

Highest Channel / 15MHz / 16QAM

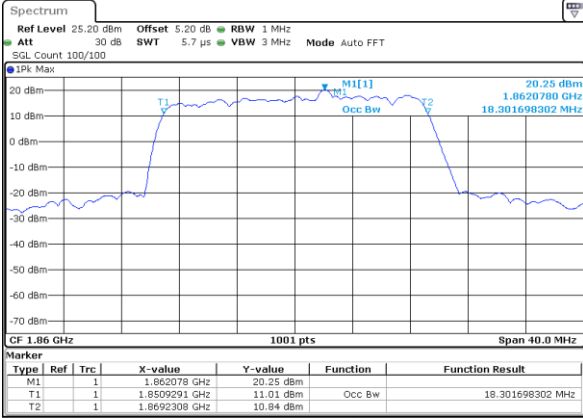


Date: 29 APR 2019 12:09:20



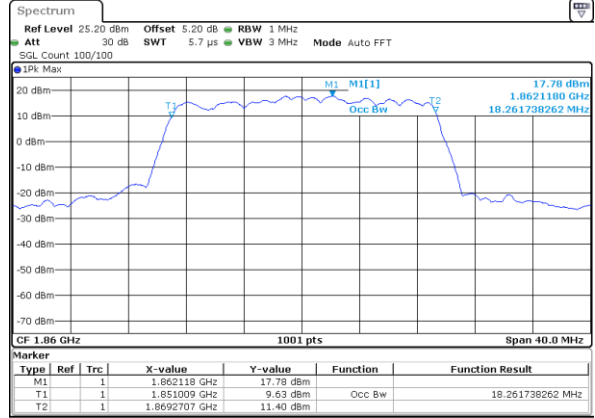
LTE Band 25

Lowest Channel / 20MHz / QPSK



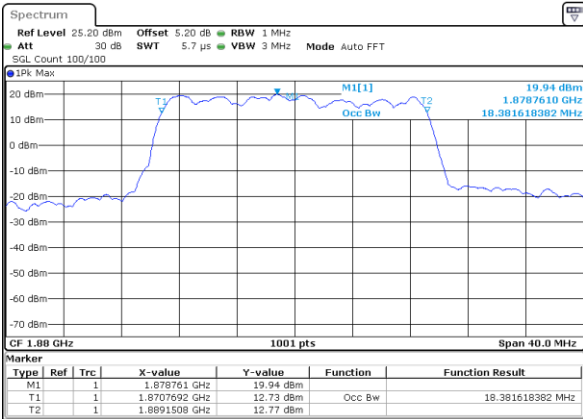
Date: 29 APR 2019 12:14:10

Lowest Channel / 20MHz / 16QAM



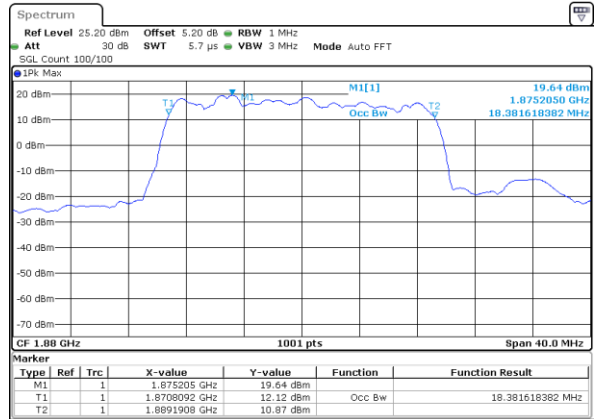
Date: 29 APR 2019 12:14:30

Middle Channel / 20MHz / QPSK



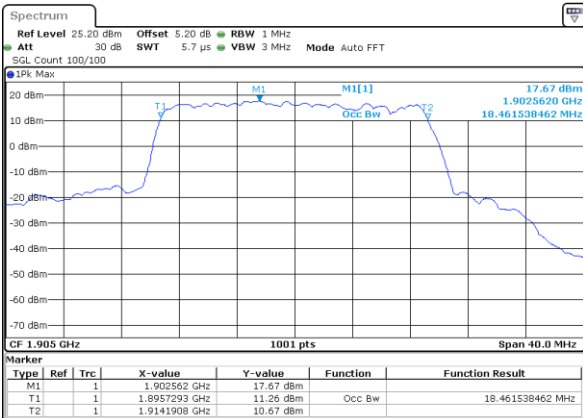
Date: 29 APR 2019 12:19:41

Middle Channel / 20MHz / 16QAM



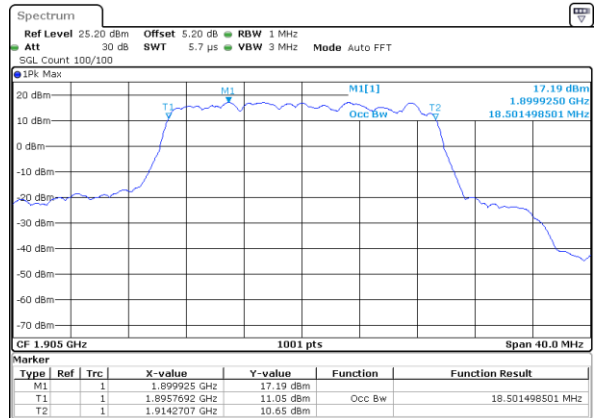
Date: 29 APR 2019 12:19:20

Highest Channel / 20MHz / QPSK



Date: 29 APR 2019 12:20:00

Highest Channel / 20MHz / 16QAM

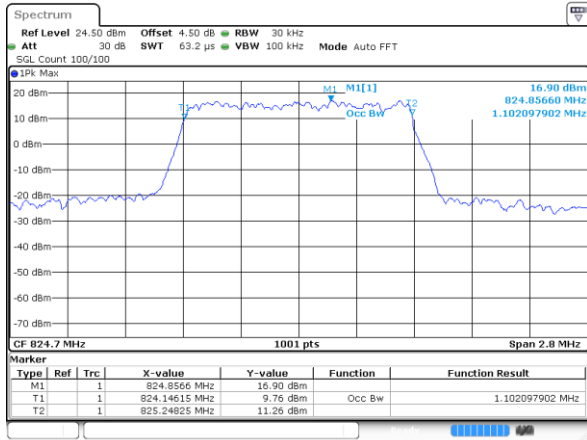


Date: 29 APR 2019 12:20:20



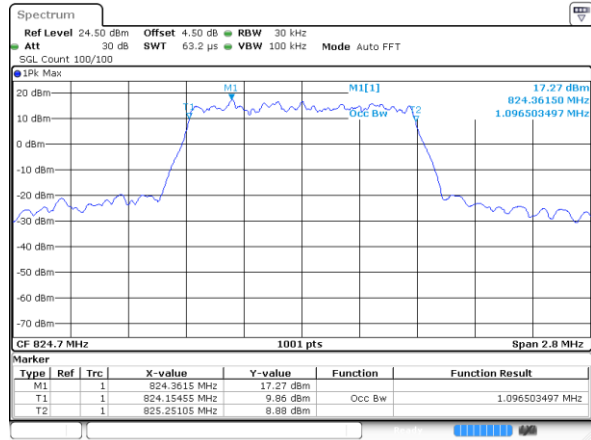
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



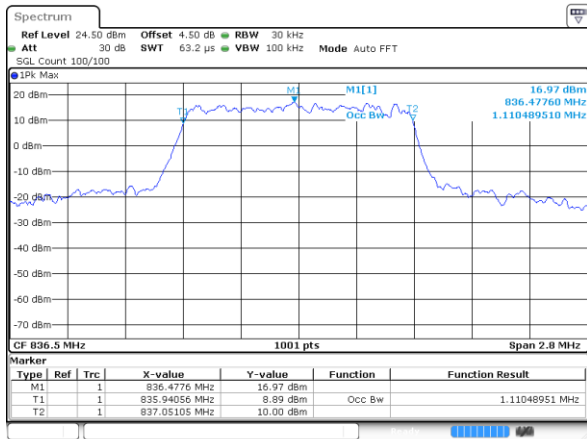
Date: 3 MAY 2019 13:18:57

Lowest Channel / 1.4MHz / 16QAM



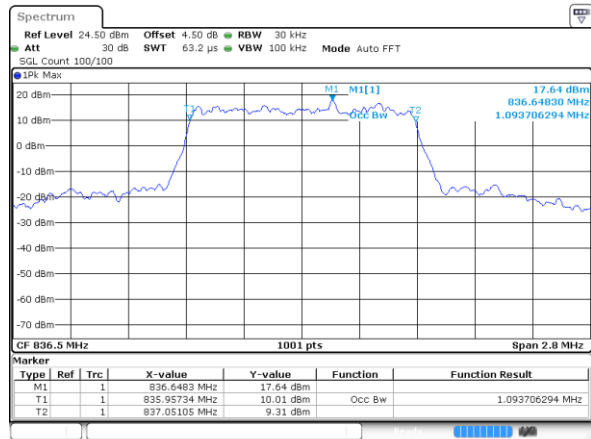
Date: 3 MAY 2019 13:19:18

Middle Channel / 1.4MHz / QPSK



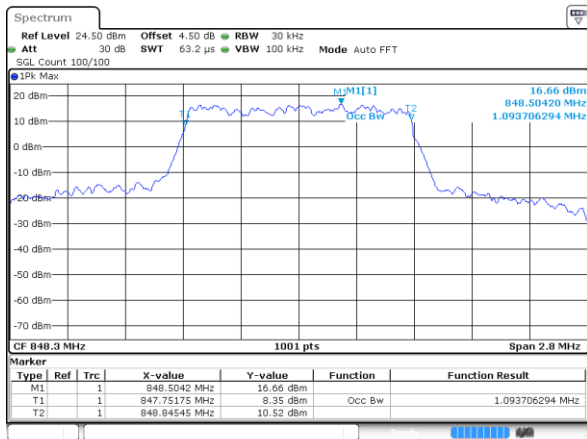
Date: 3 MAY 2019 13:20:56

Middle Channel / 1.4MHz / 16QAM



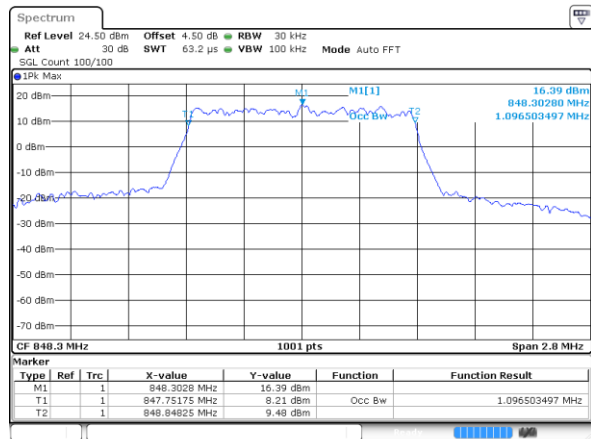
Date: 3 MAY 2019 13:21:23

Highest Channel / 1.4MHz / QPSK



Date: 3 MAY 2019 13:21:49

Highest Channel / 1.4MHz / 16QAM

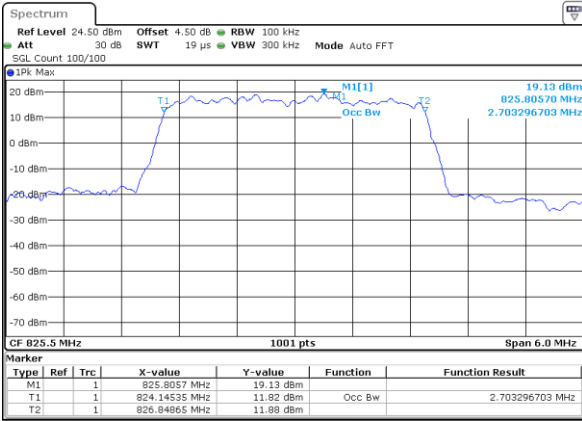


Date: 3 MAY 2019 13:25:00



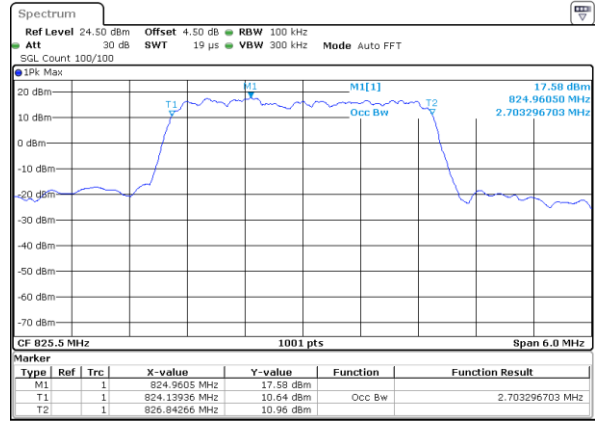
LTE Band 5

Lowest Channel / 3MHz / QPSK



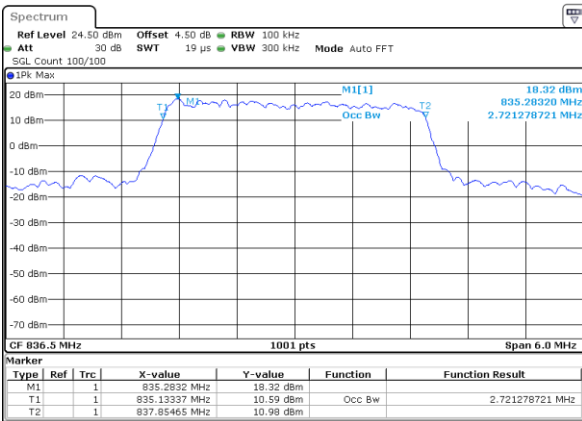
Date: 3 MAY 2019 14:09:59

Lowest Channel / 3MHz / 16QAM



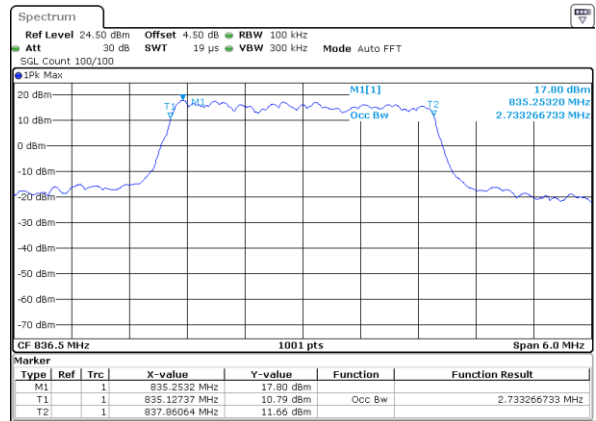
Date: 3 MAY 2019 13:57:45

Middle Channel / 3MHz / QPSK



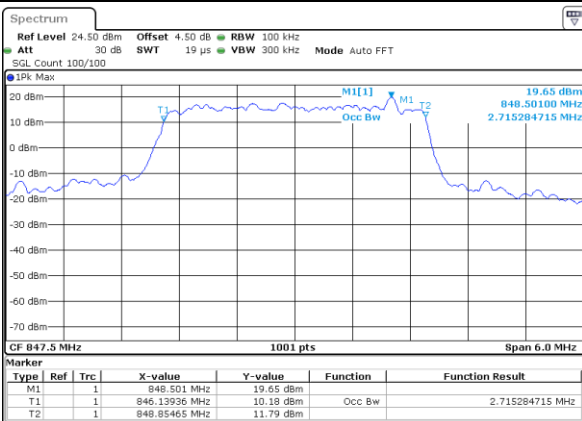
Date: 3 MAY 2019 14:00:10

Middle Channel / 3MHz / 16QAM



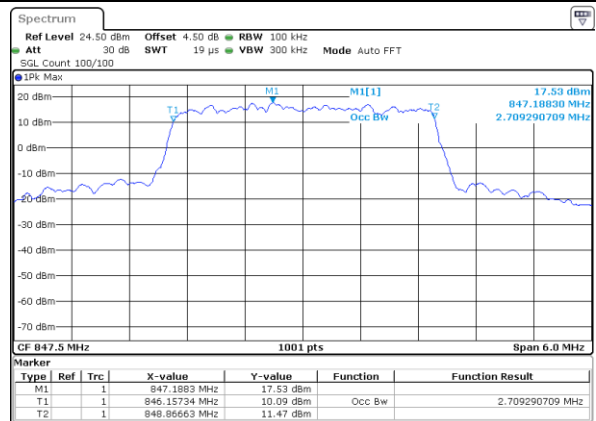
Date: 3 MAY 2019 14:00:32

Highest Channel / 3MHz / QPSK



Date: 3 MAY 2019 14:01:34

Highest Channel / 3MHz / 16QAM

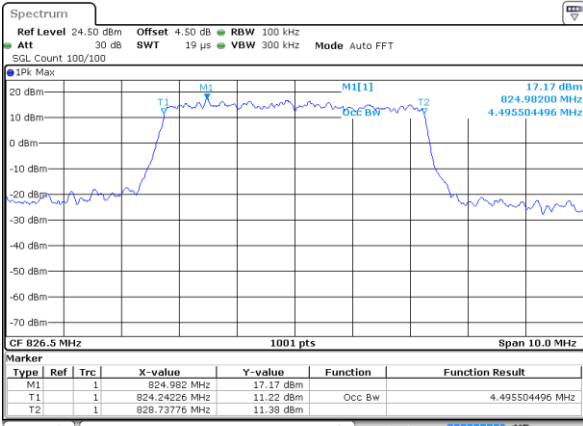


Date: 3 MAY 2019 14:01:55



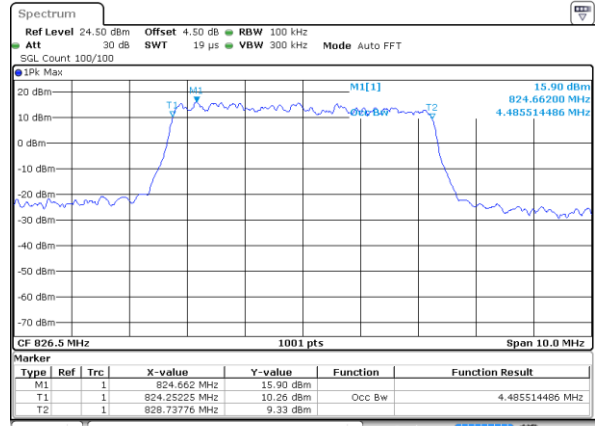
LTE Band 5

Lowest Channel / 5MHz / QPSK



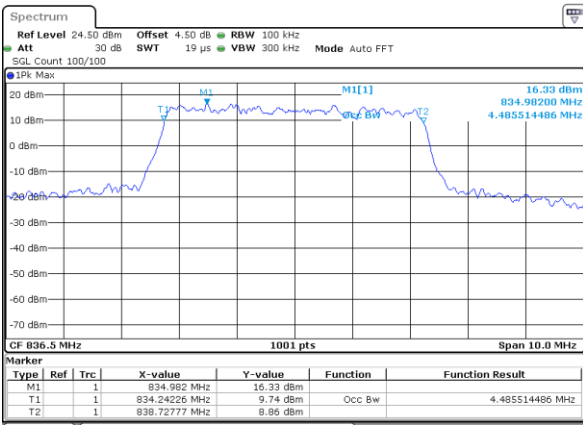
Date: 3 MAY 2019 14:13:16

Lowest Channel / 5MHz / 16QAM



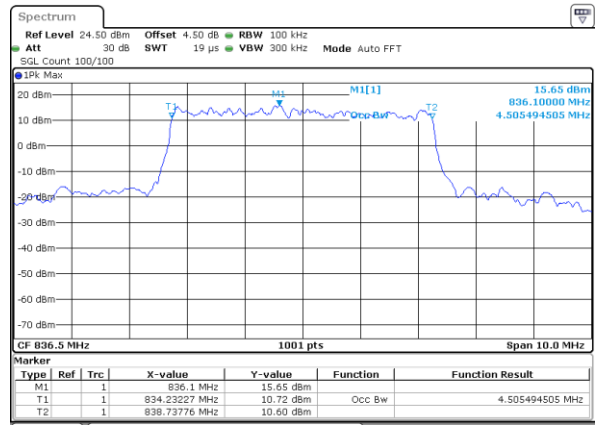
Date: 3 MAY 2019 14:14:20

Middle Channel / 5MHz / QPSK



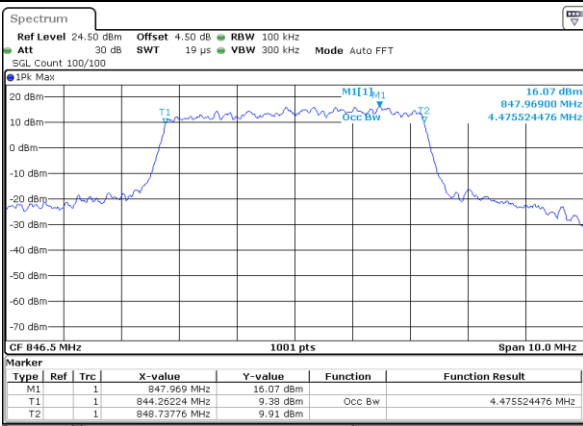
Date: 3 MAY 2019 14:16:08

Middle Channel / 5MHz / 16QAM



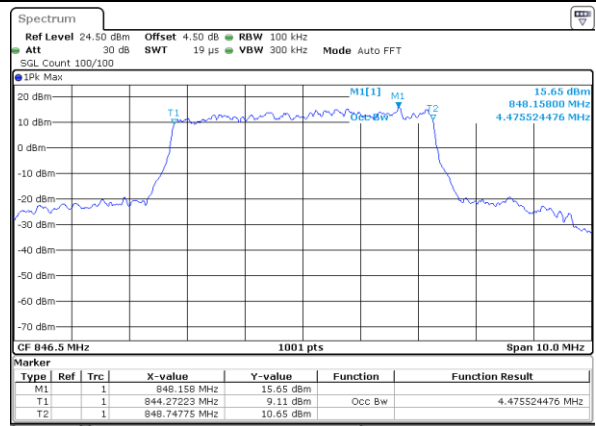
Date: 3 MAY 2019 14:16:32

Highest Channel / 5MHz / QPSK



Date: 3 MAY 2019 14:16:59

Highest Channel / 5MHz / 16QAM

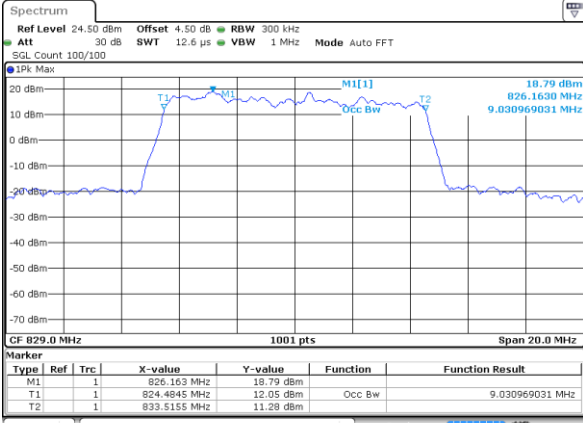


Date: 3 MAY 2019 14:18:04



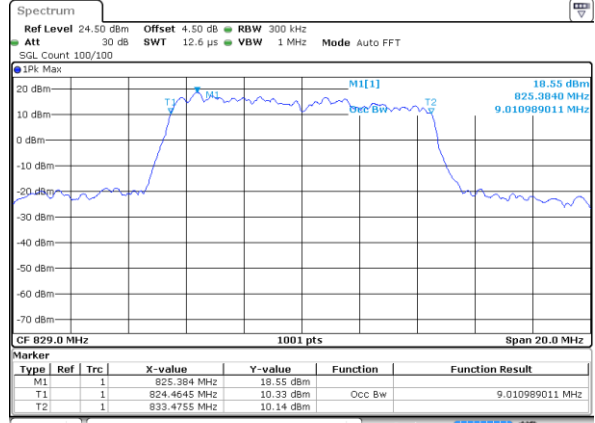
LTE Band 5

Lowest Channel / 10MHz / QPSK



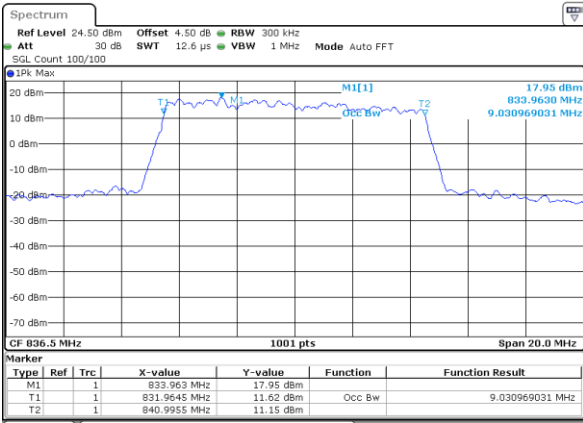
Date: 3 MAY 2019 14:46:06

Lowest Channel / 10MHz / 16QAM



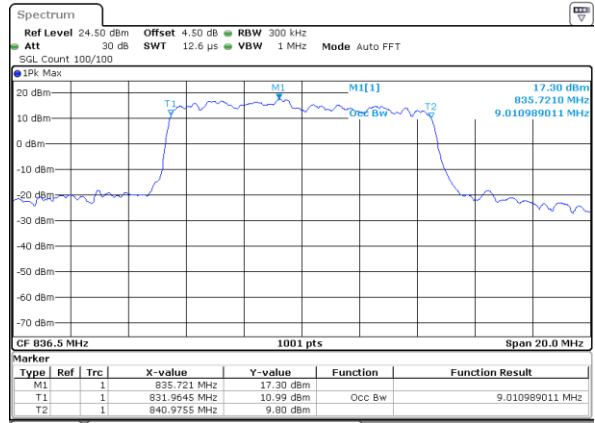
Date: 3 MAY 2019 14:46:28

Middle Channel / 10MHz / QPSK



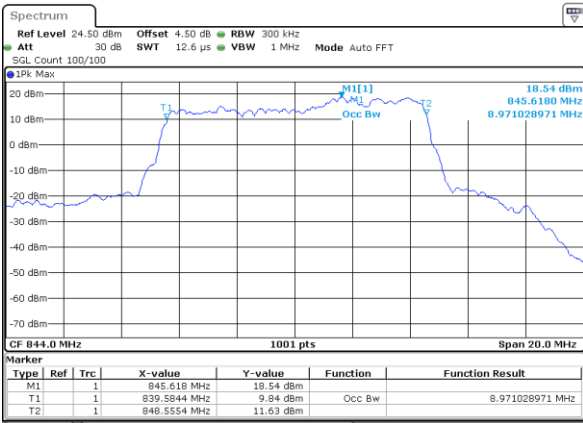
Date: 3 MAY 2019 14:46:53

Middle Channel / 10MHz / 16QAM



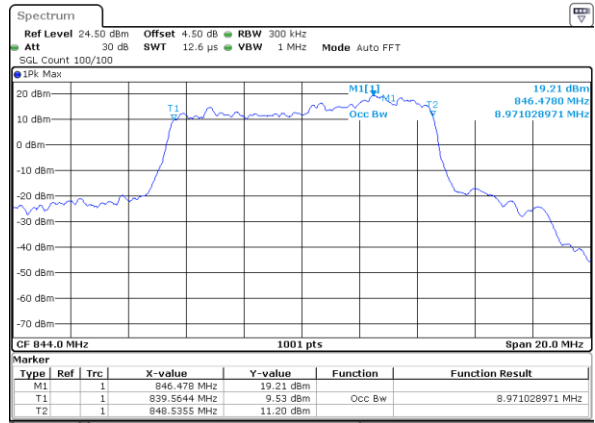
Date: 3 MAY 2019 14:47:17

Highest Channel / 10MHz / QPSK



Date: 3 MAY 2019 14:47:43

Highest Channel / 10MHz / 16QAM

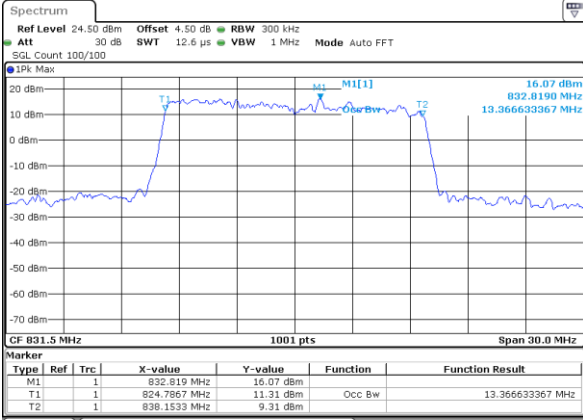


Date: 3 MAY 2019 14:48:20



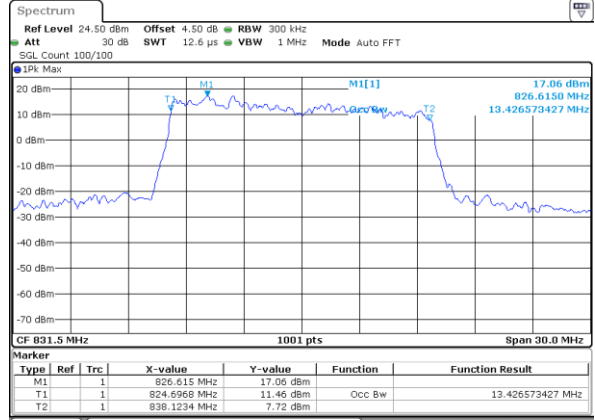
LTE Band 26

Lowest Channel / 15MHz / QPSK



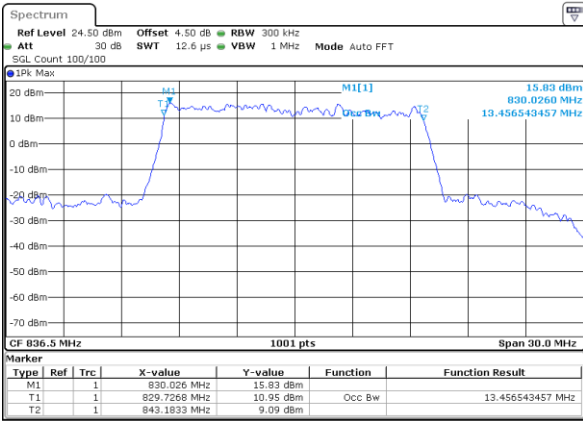
Date: 3 MAY 2019 15:17:50

Lowest Channel / 15MHz / 16QAM



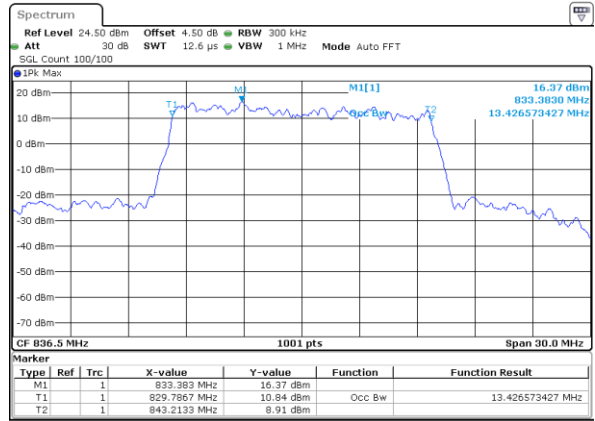
Date: 3 MAY 2019 15:18:15

Middle Channel / 15MHz / QPSK



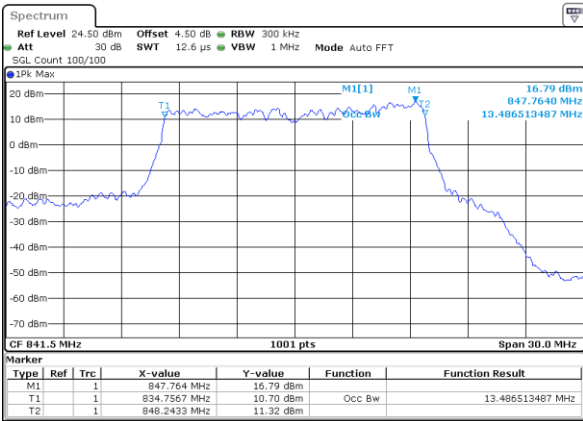
Date: 3 MAY 2019 15:18:44

Middle Channel / 15MHz / 16QAM



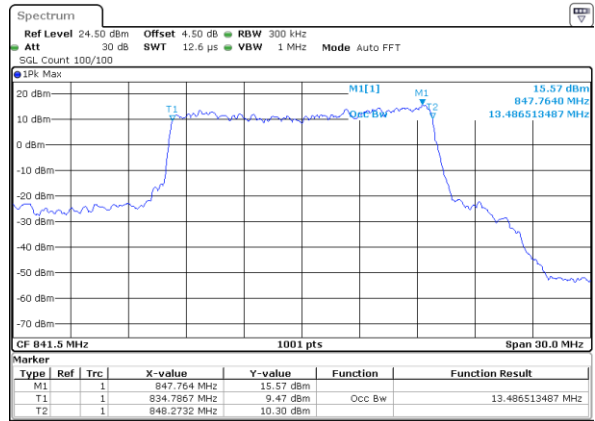
Date: 3 MAY 2019 15:19:06

Highest Channel / 15MHz / QPSK



Date: 3 MAY 2019 15:19:31

Highest Channel / 15MHz / 16QAM

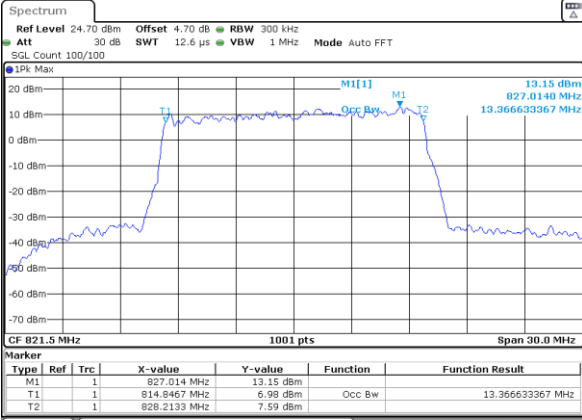


Date: 3 MAY 2019 15:19:56



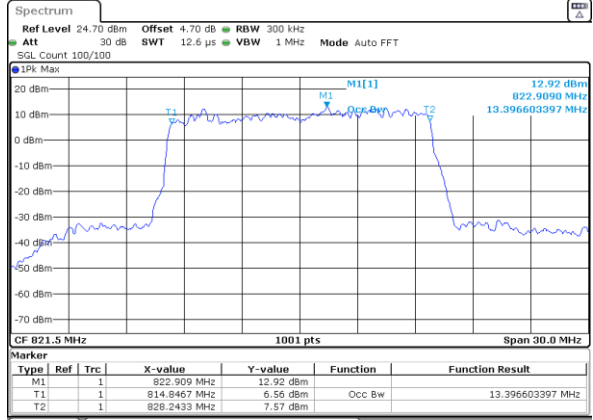
LTE Band 26

CH26765 / QPSK



Date: 8 MAY 2019 16:10:18

CH26765 / 16QAM

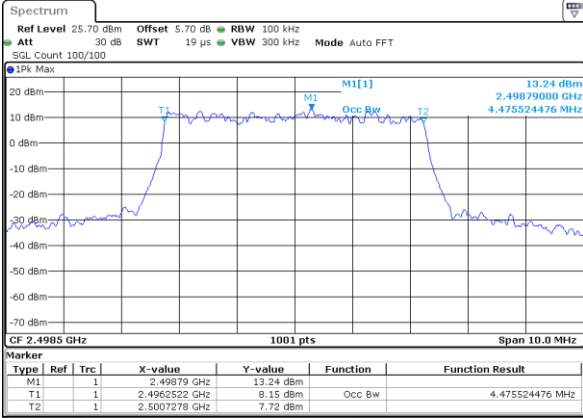


Date: 8 MAY 2019 16:10:38



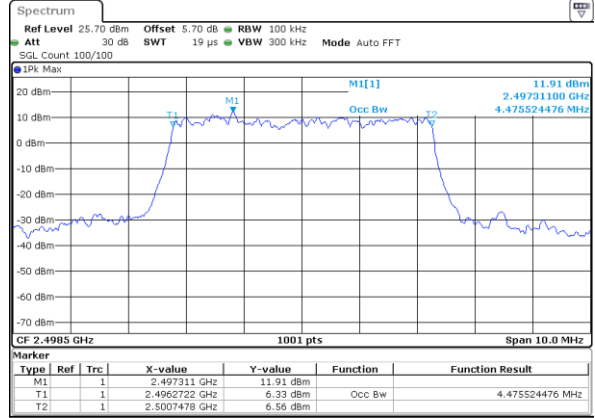
LTE Band 41

Lowest Channel / 5MHz / QPSK



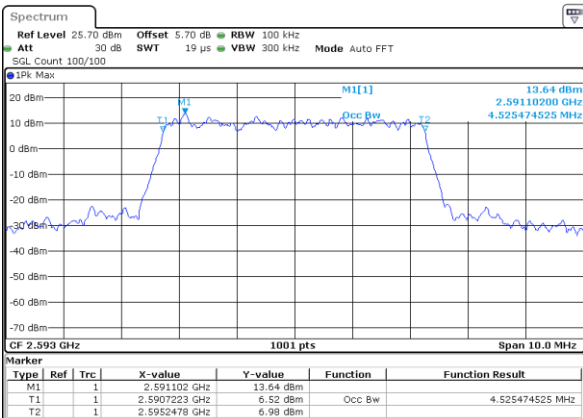
Date: 3 MAY 2019 18:00:17

Lowest Channel / 5MHz / 16QAM



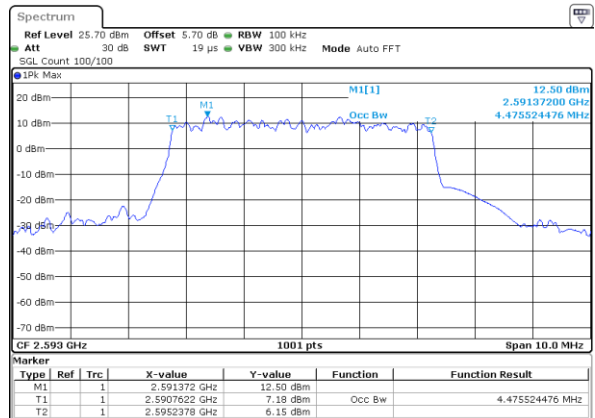
Date: 3 MAY 2019 18:00:27

Middle Channel / 5MHz / QPSK



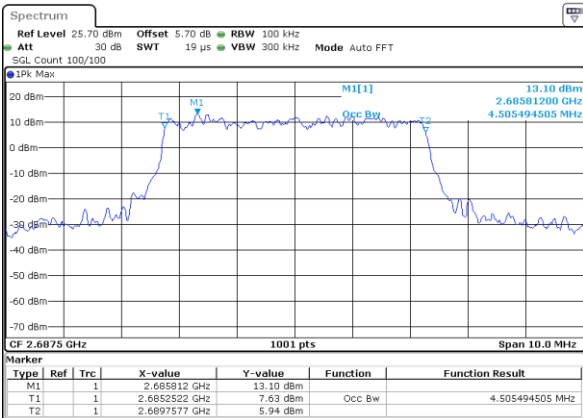
Date: 3 MAY 2019 18:00:57

Middle Channel / 5MHz / 16QAM



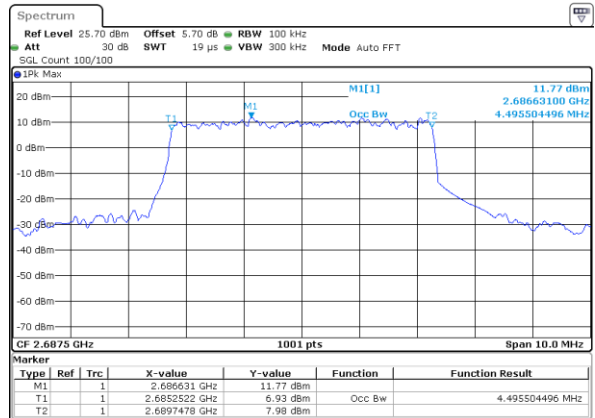
Date: 3 MAY 2019 18:01:07

Highest Channel / 5MHz / QPSK



Date: 3 MAY 2019 18:01:37

Highest Channel / 5MHz / 16QAM

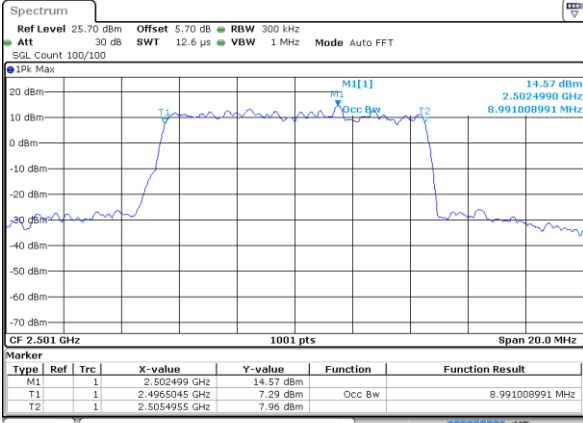


Date: 3 MAY 2019 18:01:47



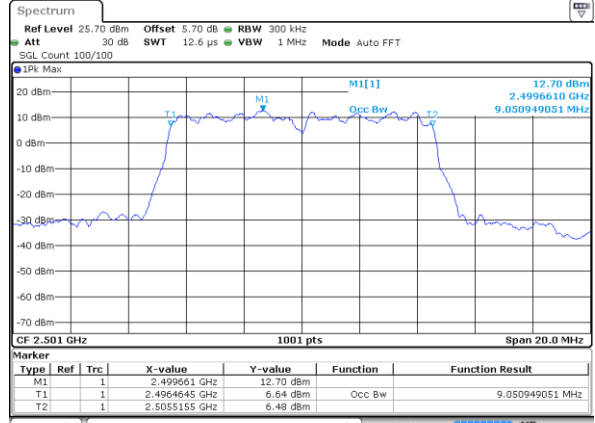
LTE Band 41

Lowest Channel / 10MHz / QPSK



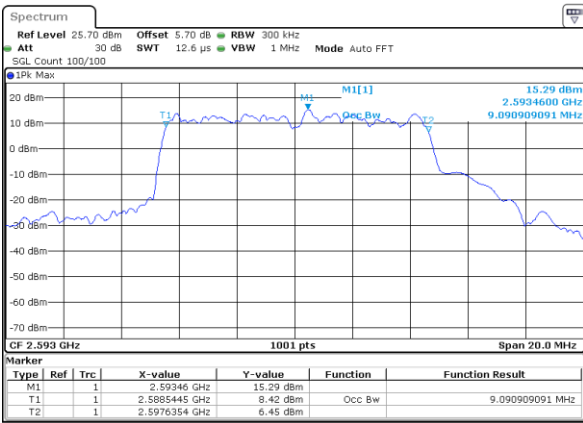
Date: 3 MAY 2019 18:02:17

Lowest Channel / 10MHz / 16QAM



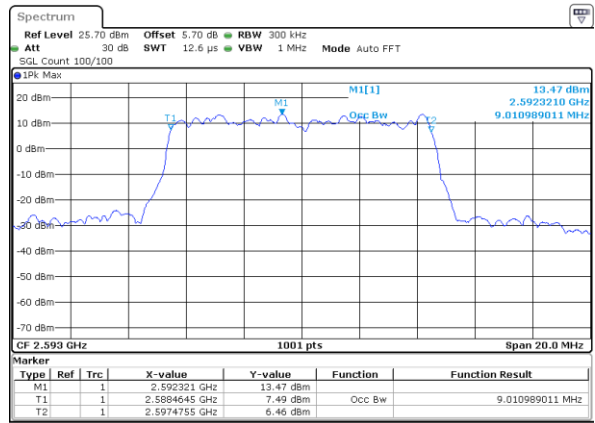
Date: 3 MAY 2019 18:02:27

Middle Channel / 10MHz / QPSK



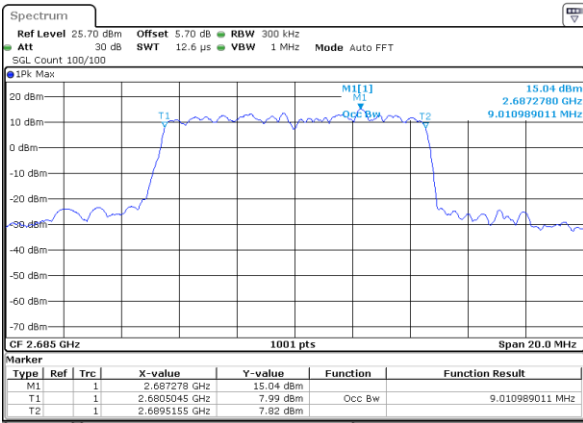
Date: 3 MAY 2019 18:02:57

Middle Channel / 10MHz / 16QAM



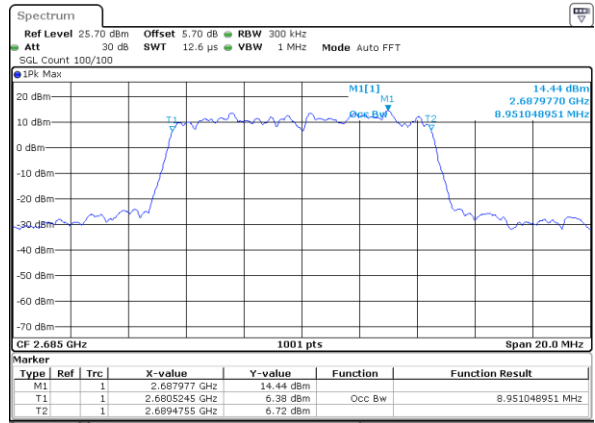
Date: 3 MAY 2019 18:03:07

Highest Channel / 10MHz / QPSK



Date: 3 MAY 2019 18:03:37

Highest Channel / 10MHz / 16QAM

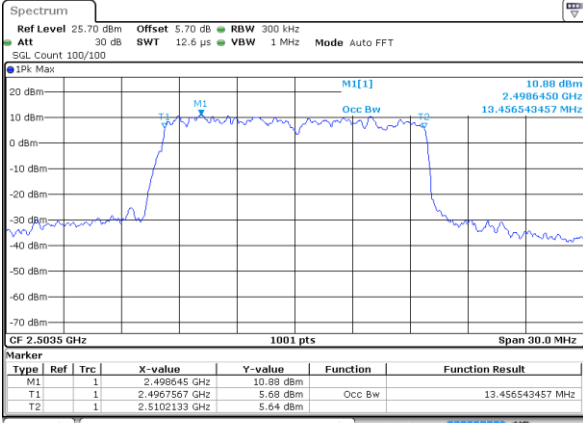


Date: 3 MAY 2019 18:03:47



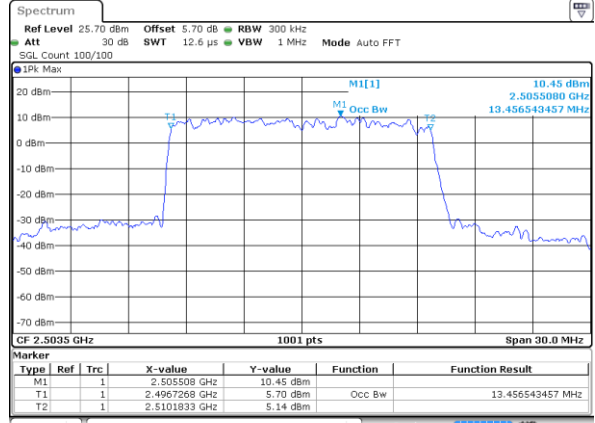
LTE Band 41

Lowest Channel / 15MHz / QPSK



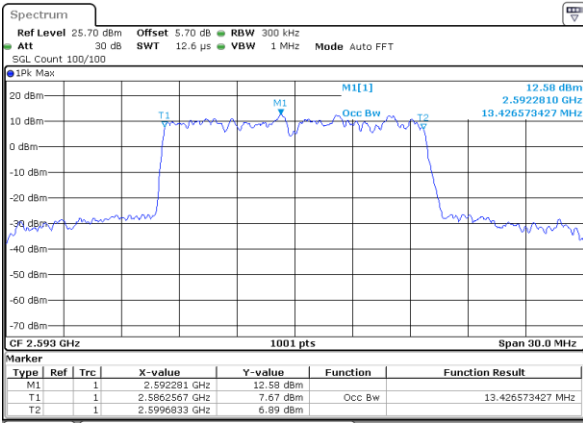
Date: 3 MAY 2019 18:04:17

Lowest Channel / 15MHz / 16QAM



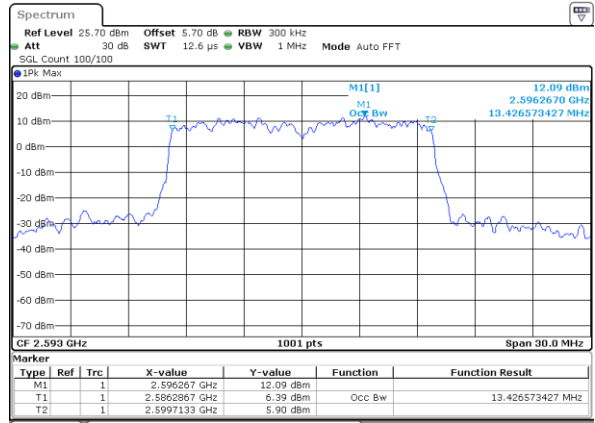
Date: 3 MAY 2019 18:04:27

Middle Channel / 15MHz / QPSK



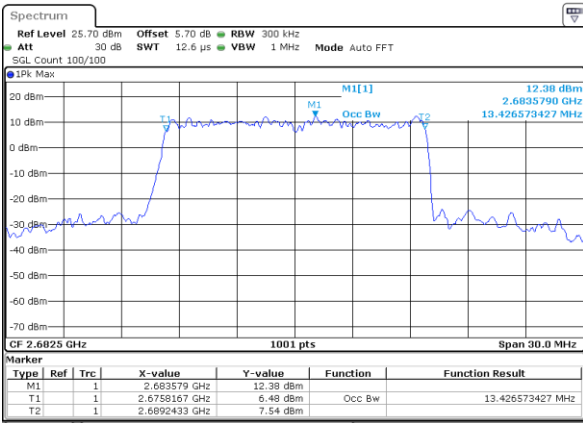
Date: 3 MAY 2019 18:04:57

Middle Channel / 15MHz / 16QAM



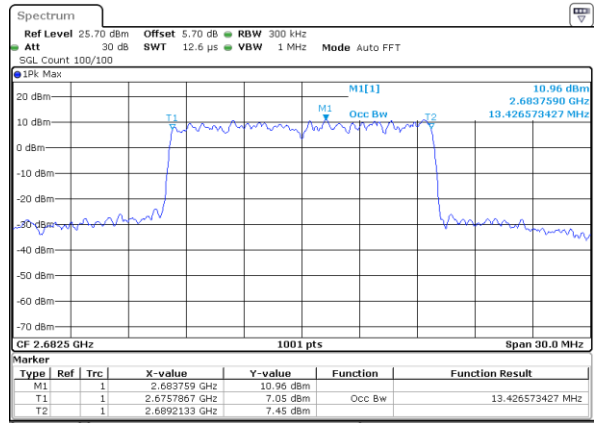
Date: 3 MAY 2019 18:05:07

Highest Channel / 15MHz / QPSK



Date: 3 MAY 2019 18:05:38

Highest Channel / 15MHz / 16QAM

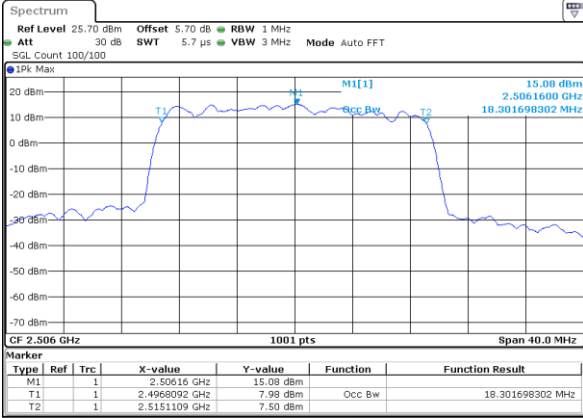


Date: 3 MAY 2019 18:05:48



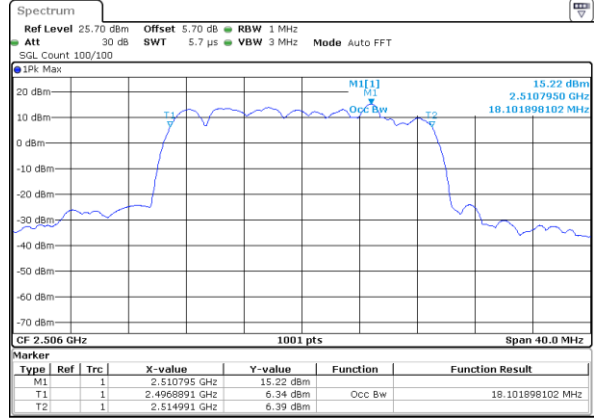
LTE Band 41

Lowest Channel / 20MHz / QPSK



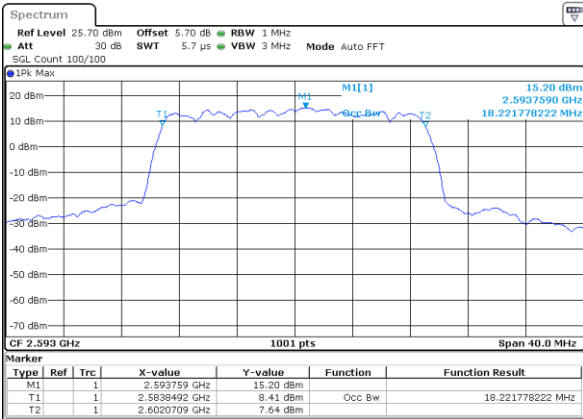
Date: 3 MAY 2019 18:06:18

Lowest Channel / 20MHz / 16QAM



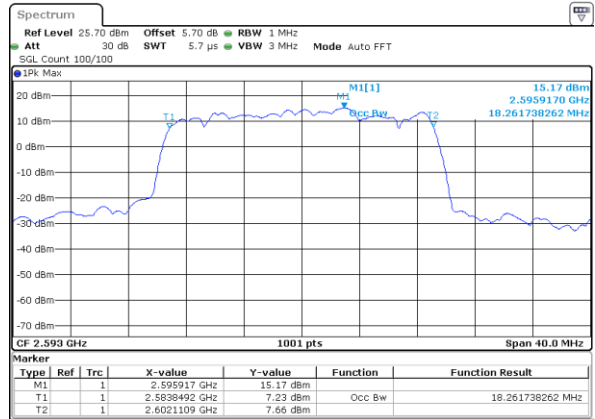
Date: 3 MAY 2019 18:06:28

Middle Channel / 20MHz / QPSK



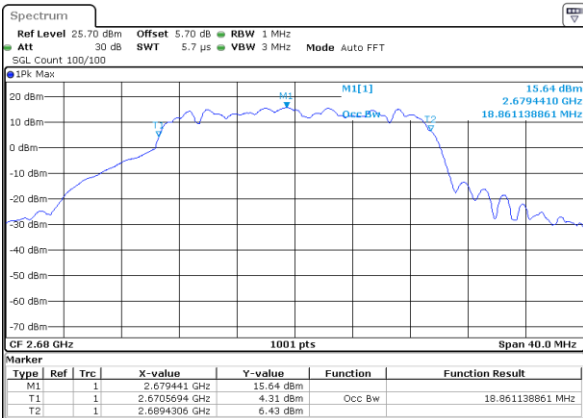
Date: 3 MAY 2019 18:06:58

Middle Channel / 20MHz / 16QAM



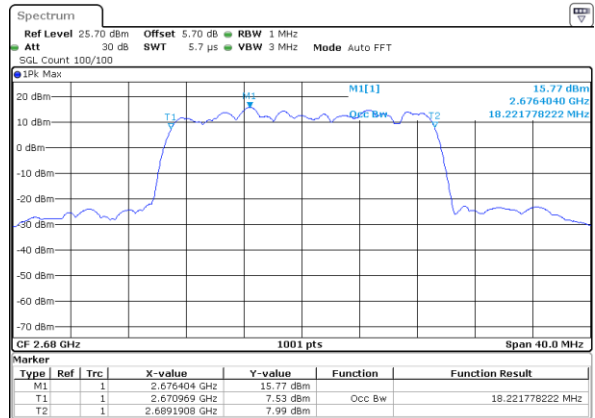
Date: 3 MAY 2019 18:07:08

Highest Channel / 20MHz / QPSK



Date: 3 MAY 2019 18:07:38

Highest Channel / 20MHz / 16QAM

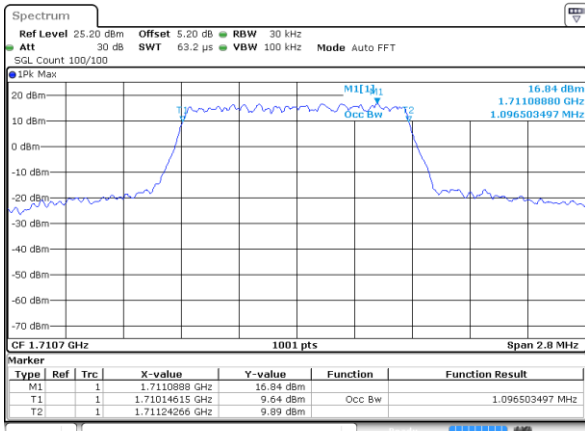


Date: 3 MAY 2019 18:07:48



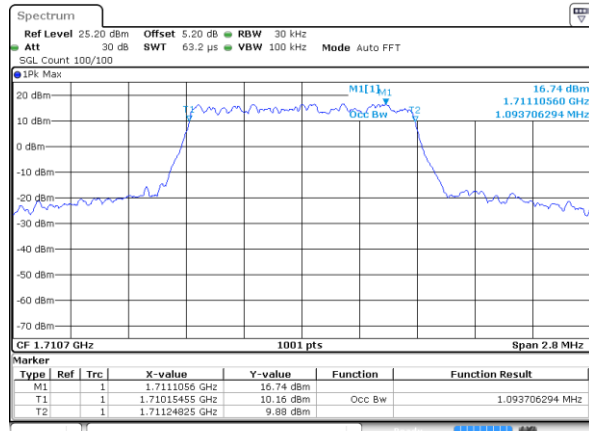
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



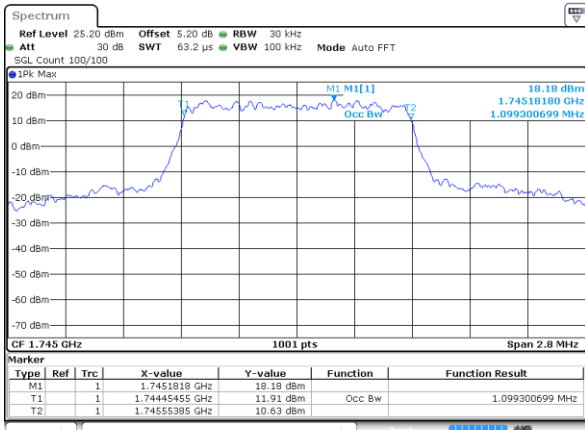
Date: 11 MAY 2019 20:47:01

Lowest Channel / 1.4MHz / 16QAM



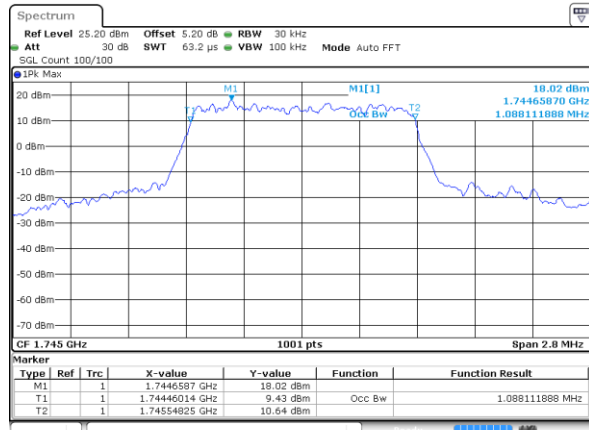
Date: 11 MAY 2019 20:48:24

Middle Channel / 1.4MHz / QPSK



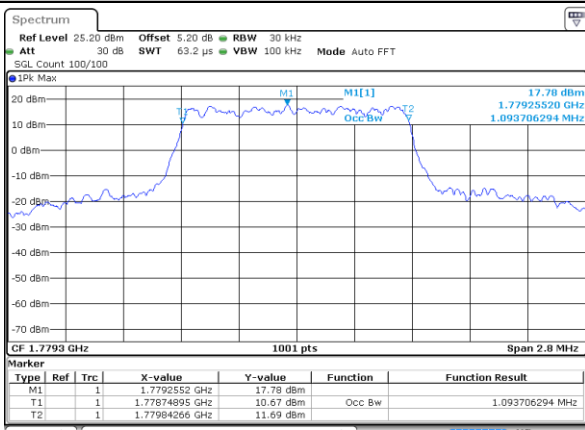
Date: 11 MAY 2019 20:43:10

Middle Channel / 1.4MHz / 16QAM



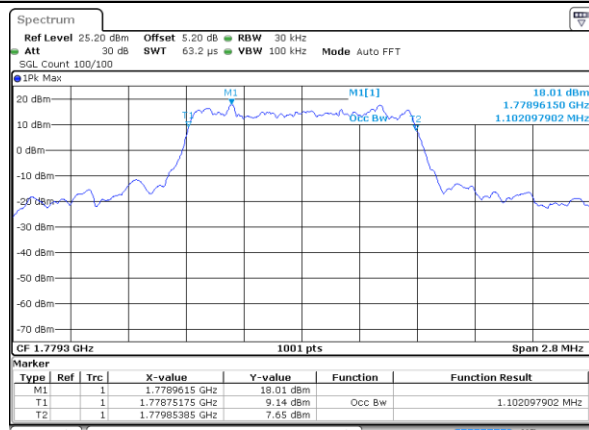
Date: 11 MAY 2019 20:43:27

Highest Channel / 1.4MHz / QPSK



Date: 11 MAY 2019 21:02:44

Highest Channel / 1.4MHz / 16QAM



Date: 11 MAY 2019 21:04:26