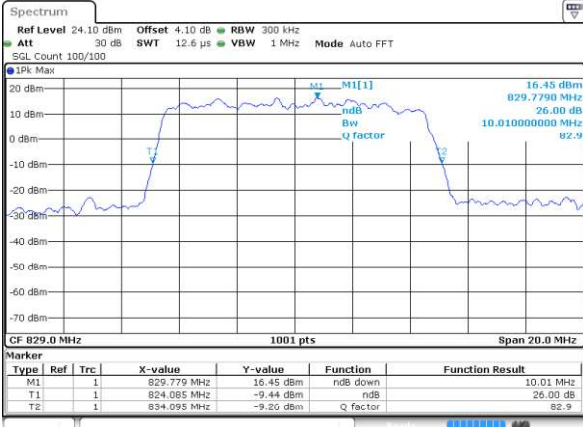




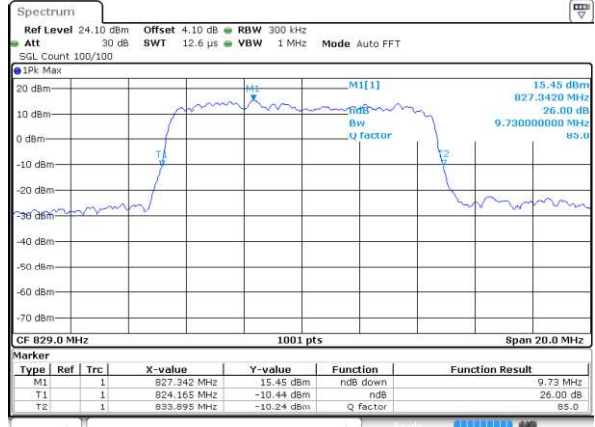
LTE Band 5

Lowest Channel / 10MHz / QPSK



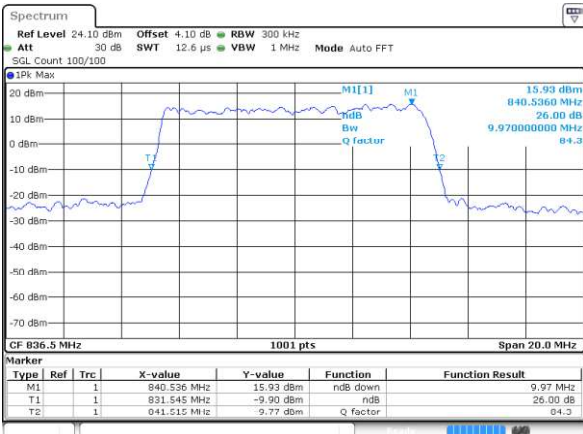
Date: 6 APR 2019 18:34:47

Lowest Channel / 10MHz / 16QAM



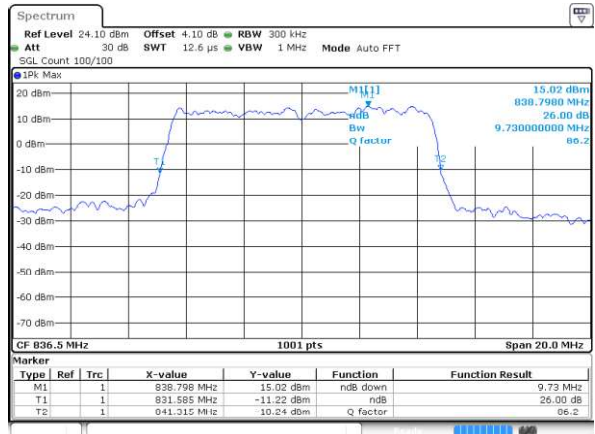
Date: 6 APR 2019 18:34:57

Middle Channel / 10MHz / QPSK



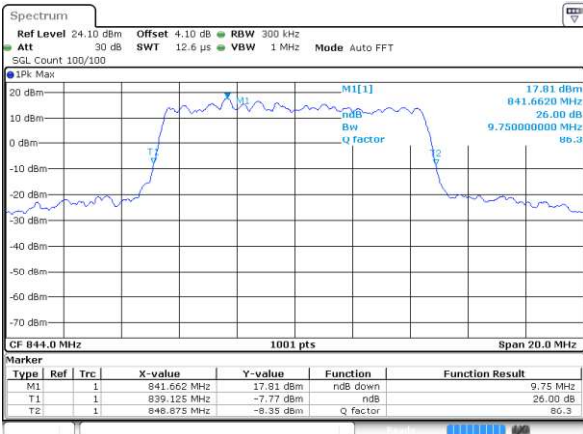
Date: 6 APR 2019 18:43:47

Middle Channel / 10MHz / 16QAM



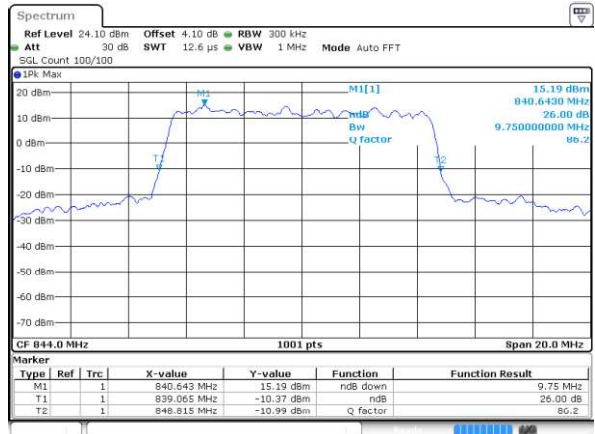
Date: 6 APR 2019 18:43:57

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 18:46:16

Highest Channel / 10MHz / 16QAM

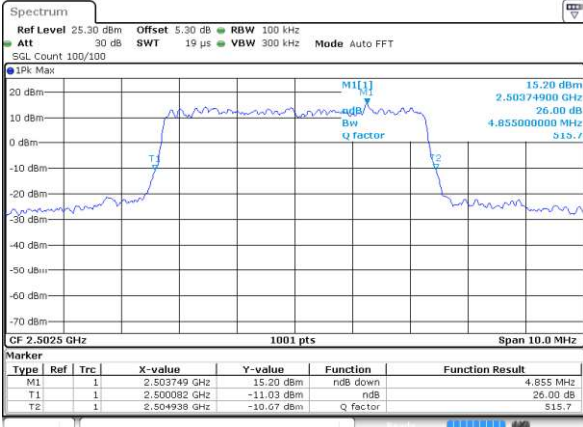


Date: 6 APR 2019 18:46:26



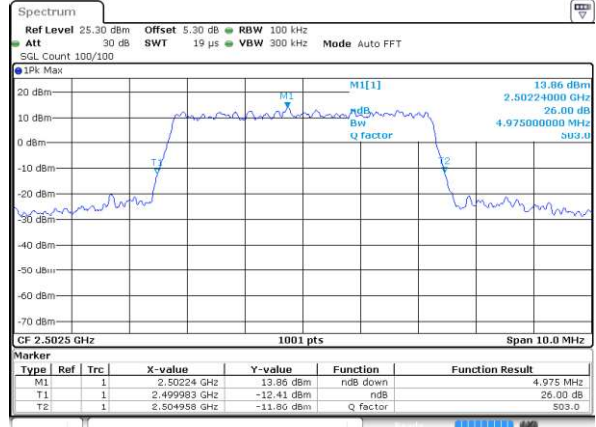
LTE Band 7

Lowest Channel / 5MHz / QPSK



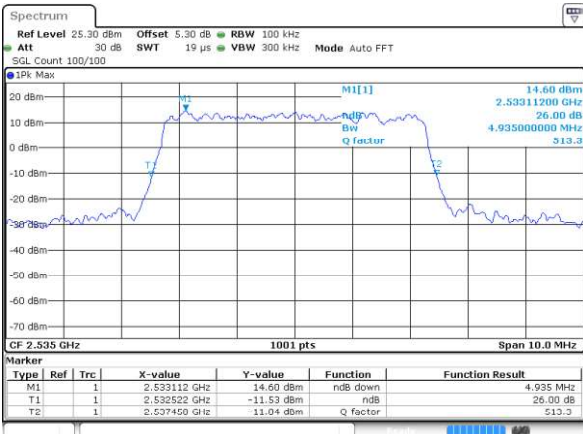
Date: 6 APR 2019 11:52:18

Lowest Channel / 5MHz / 16QAM



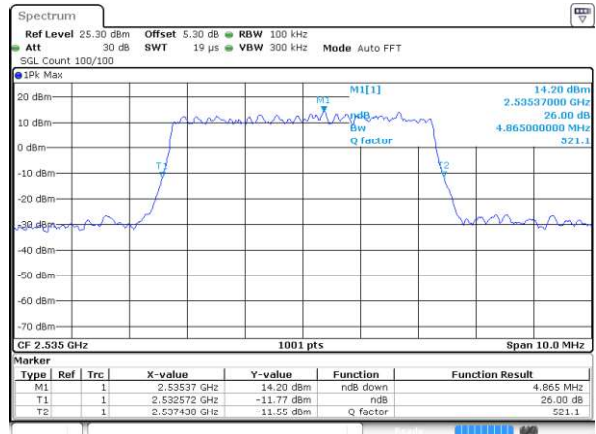
Date: 6 APR 2019 11:52:38

Middle Channel / 5MHz / QPSK



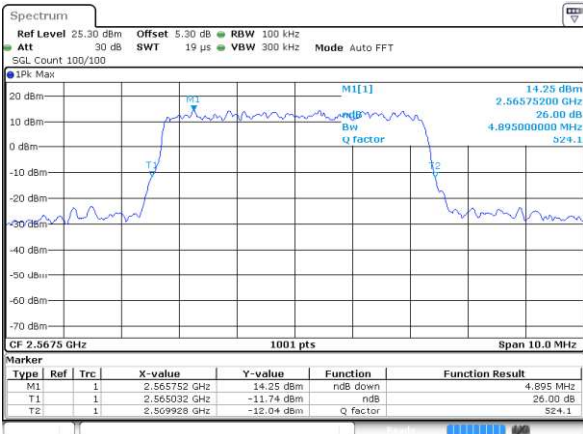
Date: 6 APR 2019 11:53:18

Middle Channel / 5MHz / 16QAM



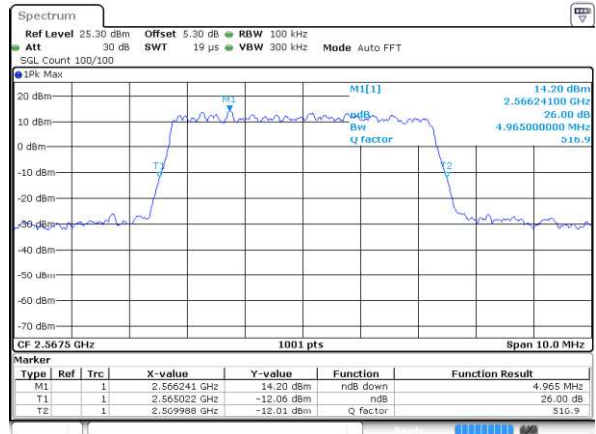
Date: 6 APR 2019 11:52:58

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 11:53:39

Highest Channel / 5MHz / 16QAM

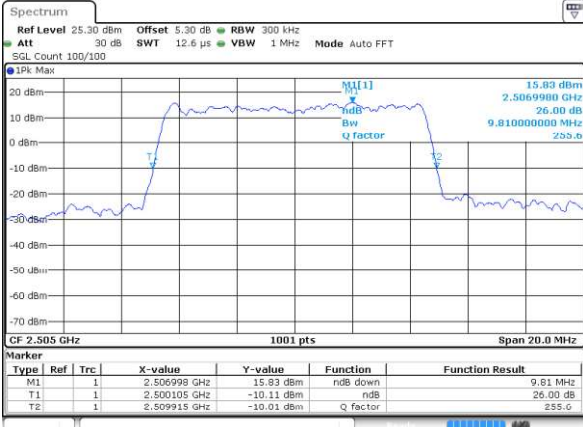


Date: 6 APR 2019 11:53:59



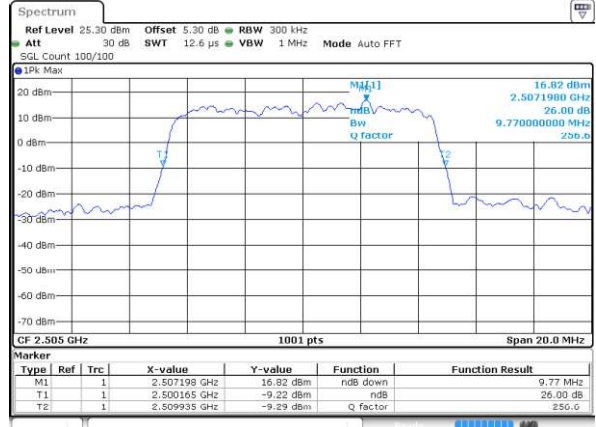
LTE Band 7

Lowest Channel / 10MHz / QPSK



Date: 6 APR 2019 12:08:48

Lowest Channel / 10MHz / 16QAM



Date: 6 APR 2019 12:09:08

Middle Channel / 10MHz / QPSK



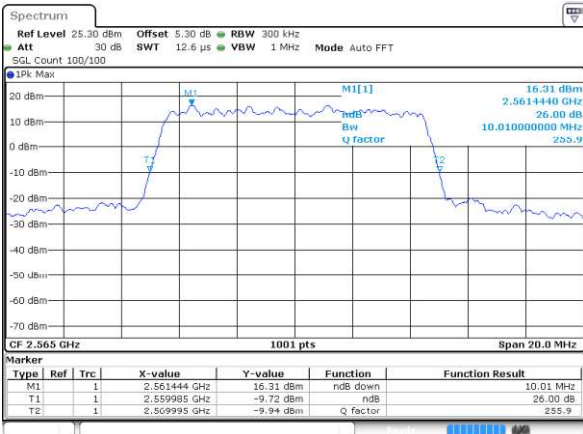
Date: 6 APR 2019 12:09:48

Middle Channel / 10MHz / 16QAM



Date: 6 APR 2019 12:09:28

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 12:10:09

Highest Channel / 10MHz / 16QAM

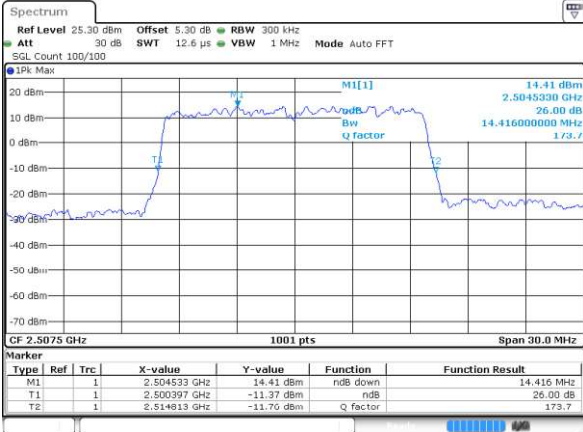


Date: 6 APR 2019 12:10:29



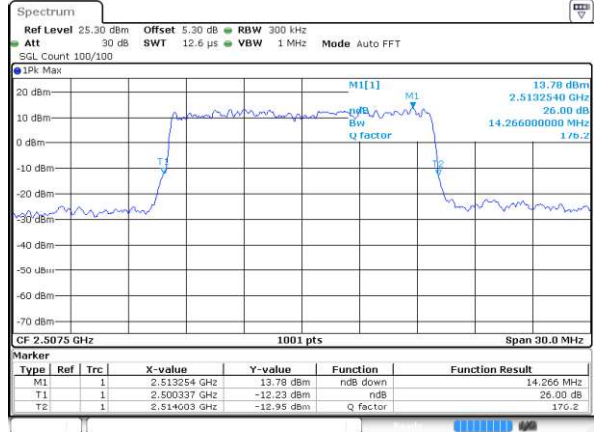
LTE Band 7

Lowest Channel / 15MHz / QPSK



Date: 6 APR 2019 12:25:36

Lowest Channel / 15MHz / 16QAM



Date: 6 APR 2019 12:25:16

Middle Channel / 15MHz / QPSK



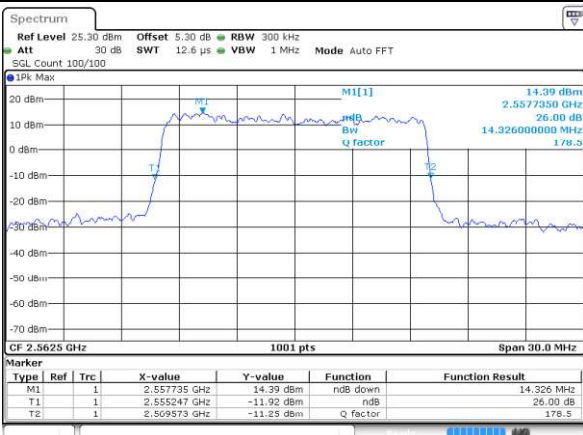
Date: 6 APR 2019 12:25:57

Middle Channel / 15MHz / 16QAM



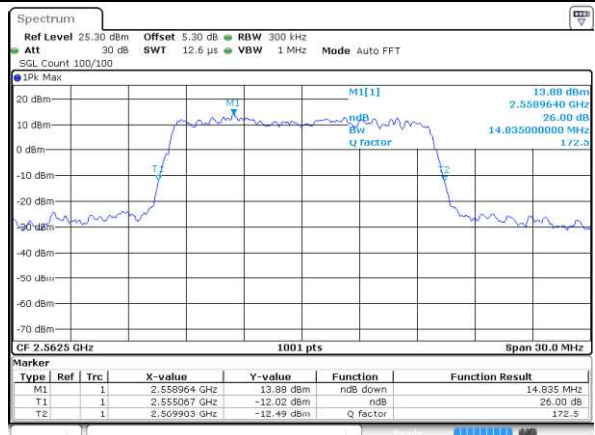
Date: 6 APR 2019 12:26:17

Highest Channel / 15MHz / QPSK



Date: 6 APR 2019 12:26:57

Highest Channel / 15MHz / 16QAM

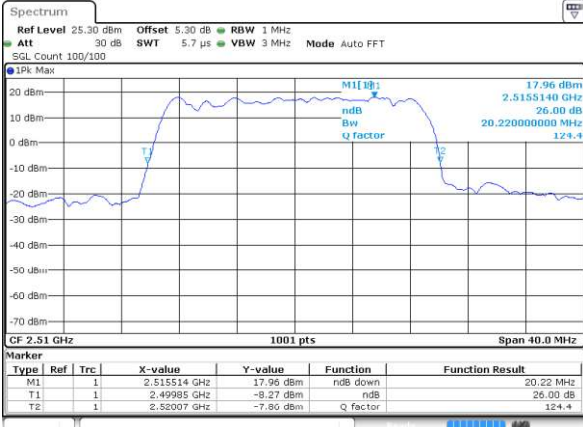


Date: 6 APR 2019 12:26:37



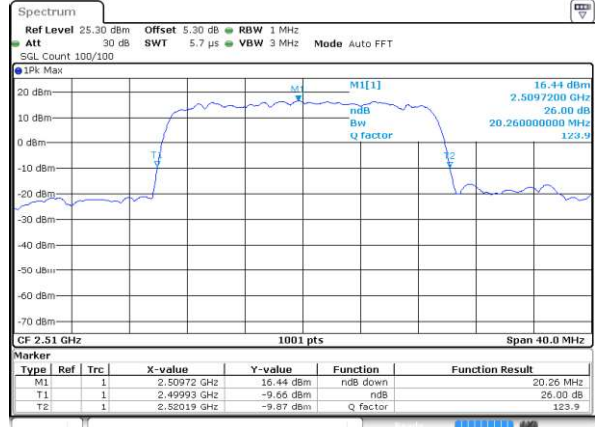
LTE Band 7

Lowest Channel / 20MHz / QPSK



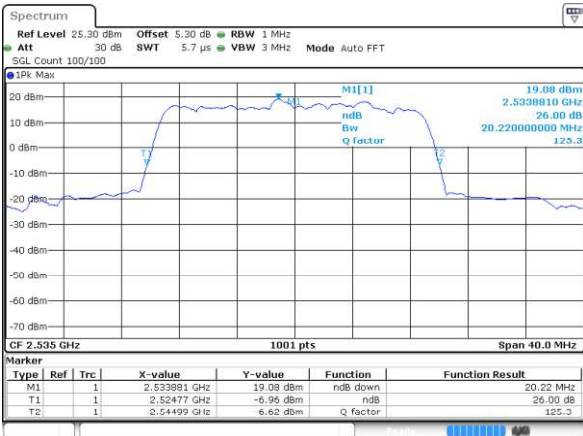
Date: 6 APR 2019 12:42:07

Lowest Channel / 20MHz / 16QAM



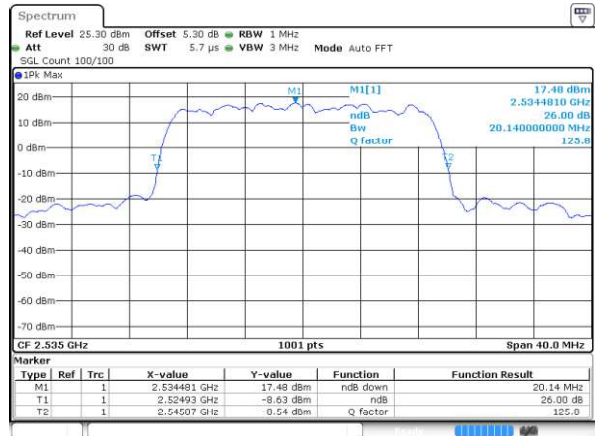
Date: 6 APR 2019 12:41:47

Middle Channel / 20MHz / QPSK



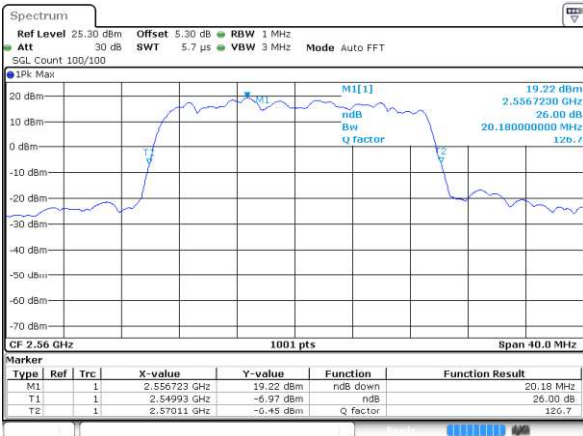
Date: 6 APR 2019 12:42:27

Middle Channel / 20MHz / 16QAM



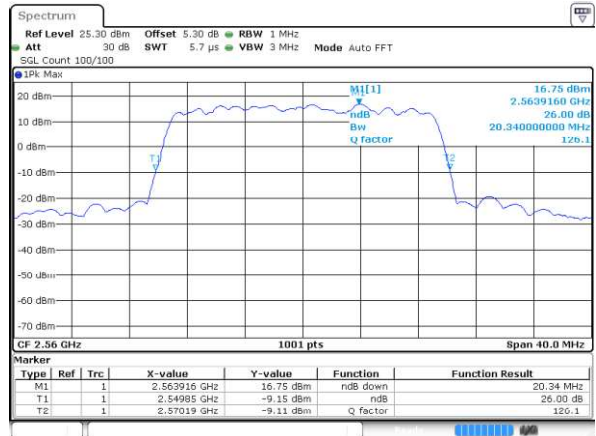
Date: 6 APR 2019 12:42:47

Highest Channel / 20MHz / QPSK



Date: 6 APR 2019 12:43:27

Highest Channel / 20MHz / 16QAM



Date: 6 APR 2019 12:43:07





## 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	1.09	1.10	2.73	2.73	4.49	4.50	9.01	8.97	13.40	13.43	18.14	18.26
Middle CH	1.10	1.10	2.73	2.74	4.51	4.52	9.01	9.03	13.40	13.43	18.18	18.30
Highest CH	1.09	1.09	2.72	2.70	4.50	4.48	9.01	8.95	13.46	13.40	18.30	18.18

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	2.72	2.73	4.51	4.51	9.11	9.01	13.37	13.46	18.30	18.30
Middle CH	1.09	1.10	2.72	2.71	4.51	4.49	8.97	9.01	13.43	13.49	18.30	18.38
Highest CH	1.09	1.09	2.72	2.71	4.48	4.51	9.01	8.95	13.40	13.34	18.26	18.34

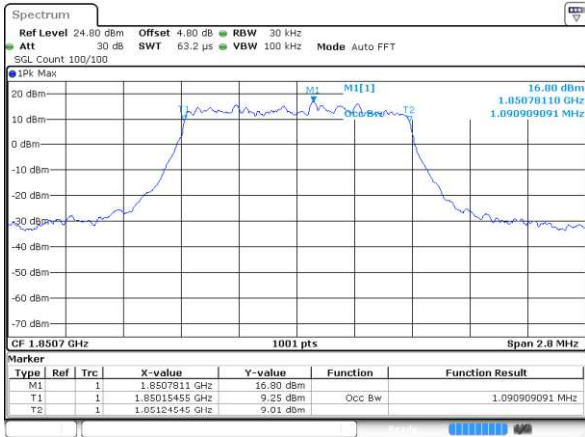
Mode	LTE Band 5 : 99%OBW(MHz)							
	1.4MHz		3MHz		5MHz		10MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.72	2.70	4.49	4.49	9.01	9.01
Middle CH	1.10	1.10	2.73	2.73	4.50	4.52	9.01	8.95
Highest CH	1.09	1.10	2.73	2.72	4.49	4.49	8.99	8.95

Mode	LTE Band 7 : 99%OBW(MHz)							
	5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	4.48	4.48	9.05	9.05	13.40	13.40	18.22	18.22
Middle CH	4.48	4.48	8.97	9.03	13.49	13.52	18.34	18.30
Highest CH	4.49	4.48	9.01	9.01	13.43	13.49	18.30	18.06



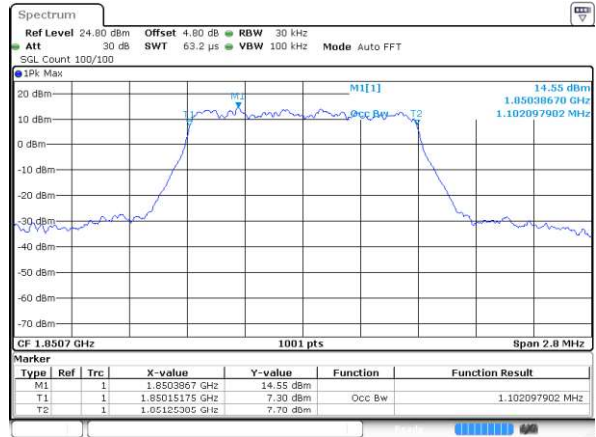
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 13:55:01

Lowest Channel / 1.4MHz / 16QAM



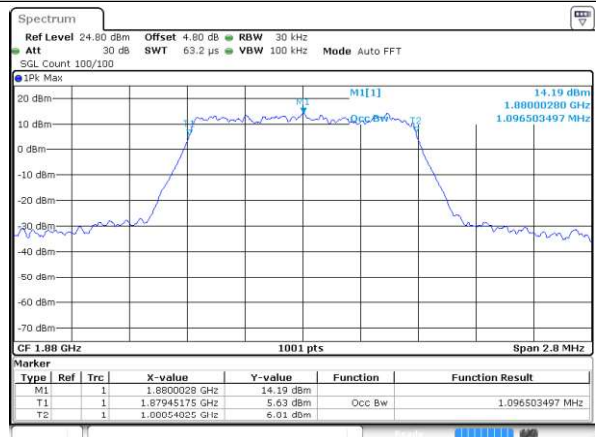
Date: 6 APR 2019 13:55:11

Middle Channel / 1.4MHz / QPSK



Date: 6 APR 2019 14:02:00

Middle Channel / 1.4MHz / 16QAM



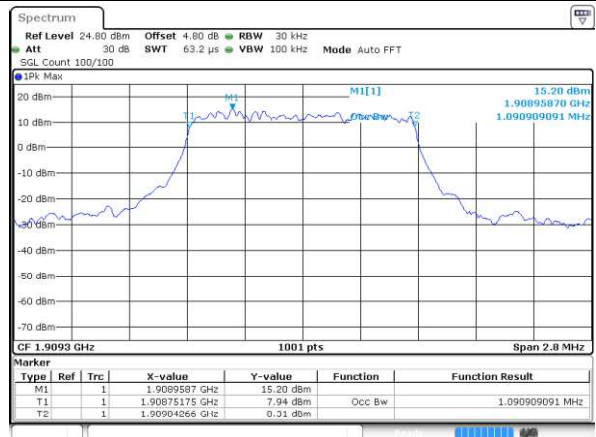
Date: 6 APR 2019 14:02:10

Highest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 14:04:30

Highest Channel / 1.4MHz / 16QAM

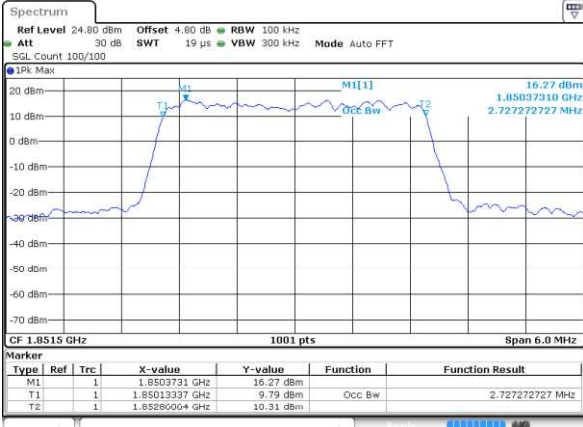


Date: 6 APR 2019 14:04:40



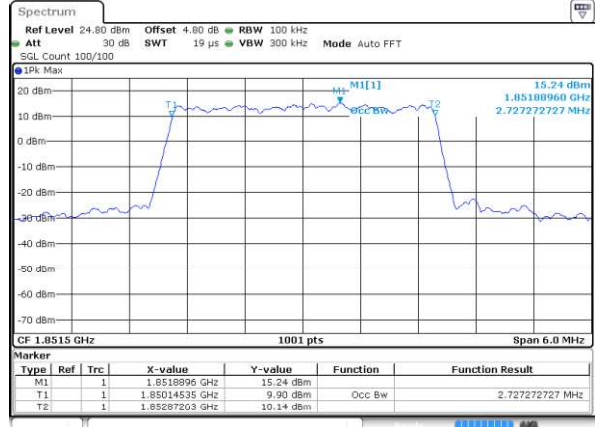
LTE Band 2

Lowest Channel / 3MHz / QPSK



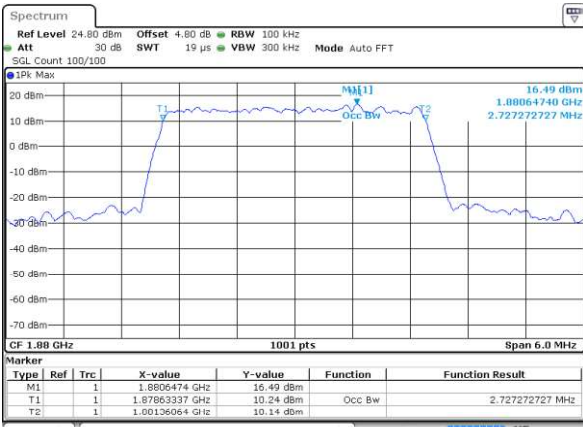
Date: 6 APR 2019 14:11:30

Lowest Channel / 3MHz / 16QAM



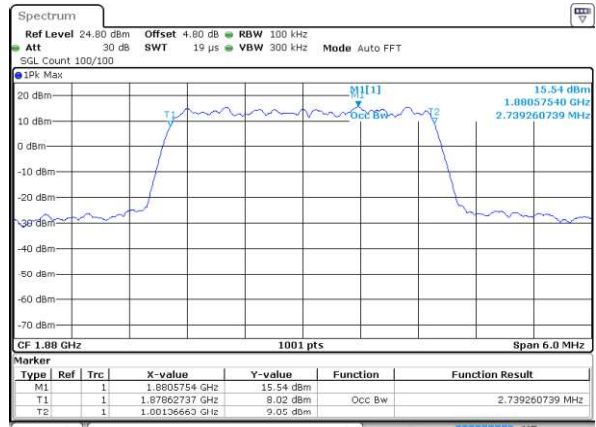
Date: 6 APR 2019 14:11:40

Middle Channel / 3MHz / QPSK



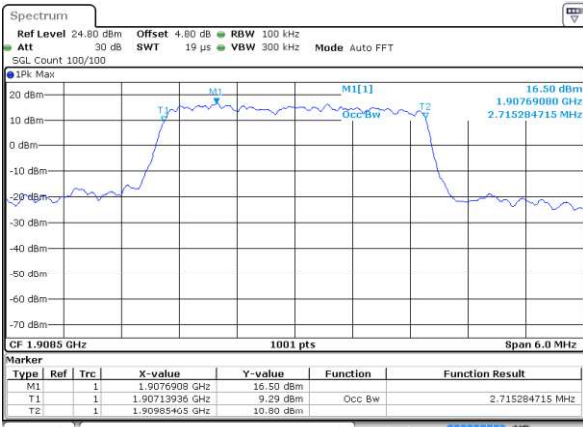
Date: 6 APR 2019 14:18:29

Middle Channel / 3MHz / 16QAM



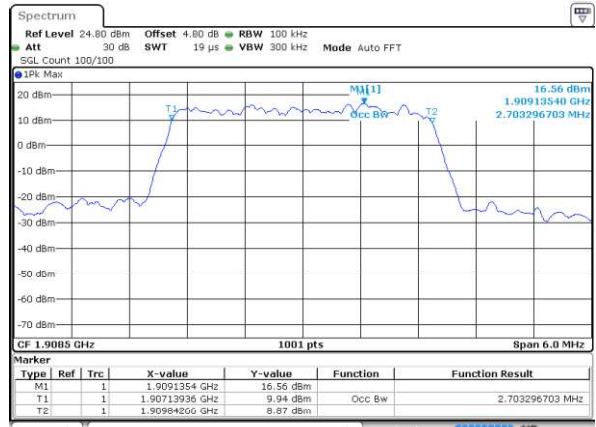
Date: 6 APR 2019 14:18:39

Highest Channel / 3MHz / QPSK



Date: 6 APR 2019 14:20:59

Highest Channel / 3MHz / 16QAM



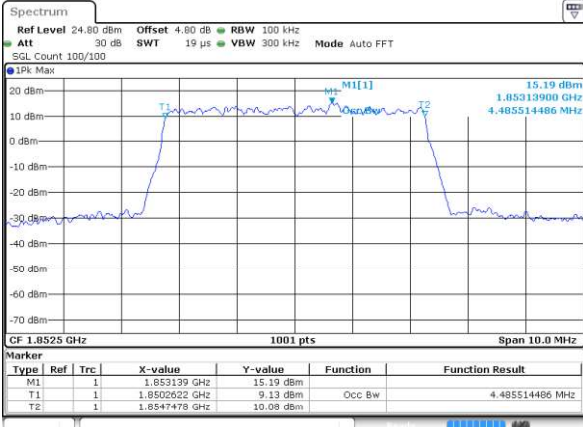
Date: 6 APR 2019 14:21:09





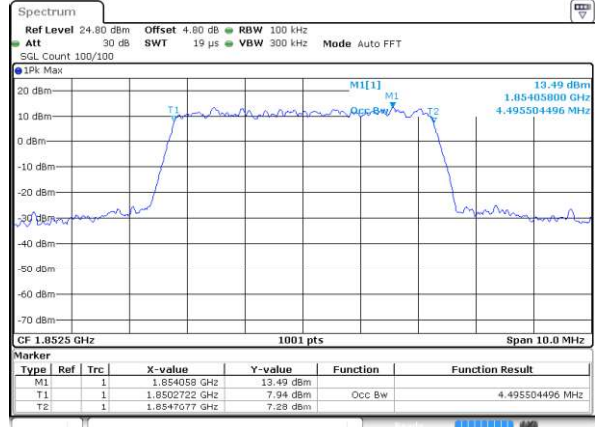
LTE Band 2

Lowest Channel / 5MHz / QPSK



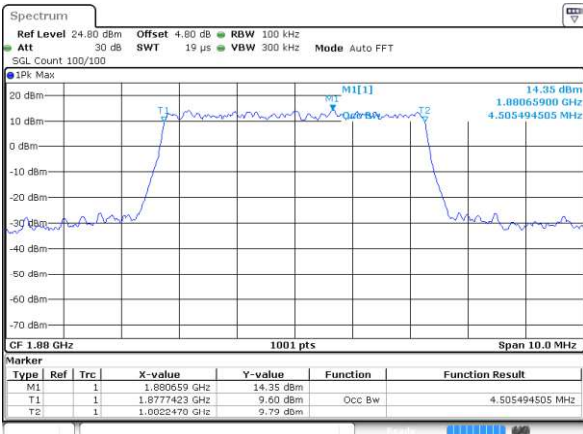
Date: 6 APR 2019 14:27:58

Lowest Channel / 5MHz / 16QAM



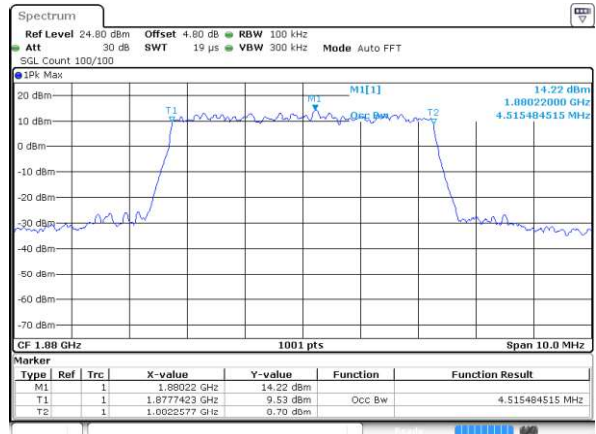
Date: 6 APR 2019 14:28:09

Middle Channel / 5MHz / QPSK



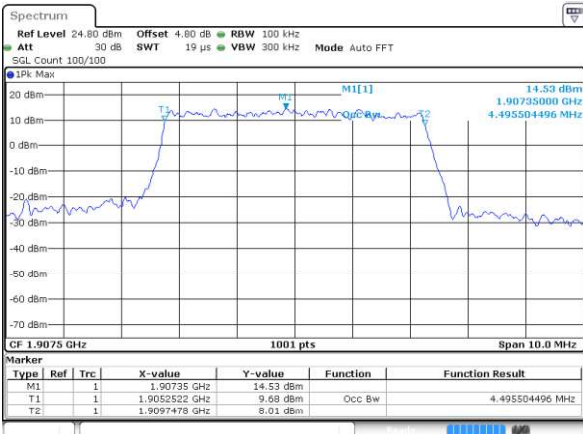
Date: 6 APR 2019 14:34:58

Middle Channel / 5MHz / 16QAM



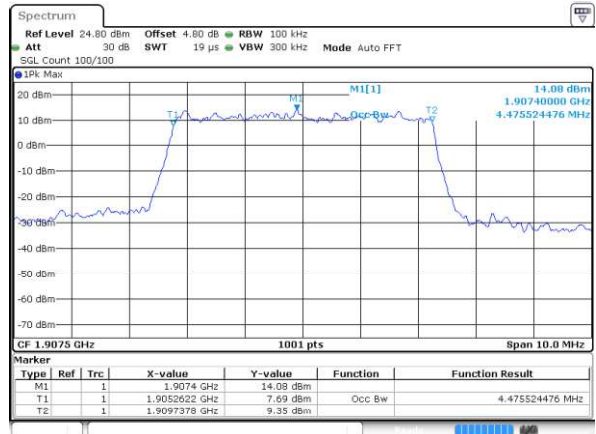
Date: 6 APR 2019 14:35:06

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 14:37:28

Highest Channel / 5MHz / 16QAM

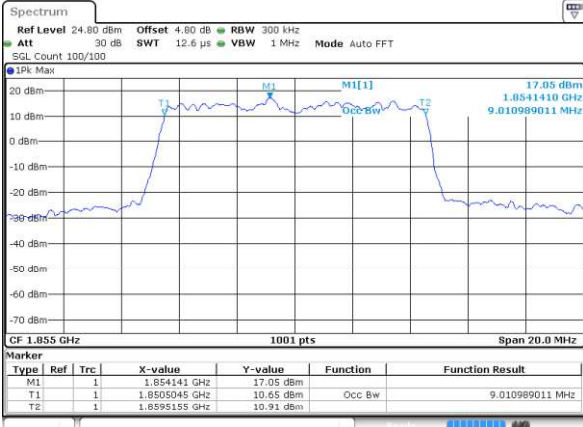


Date: 6 APR 2019 14:37:38



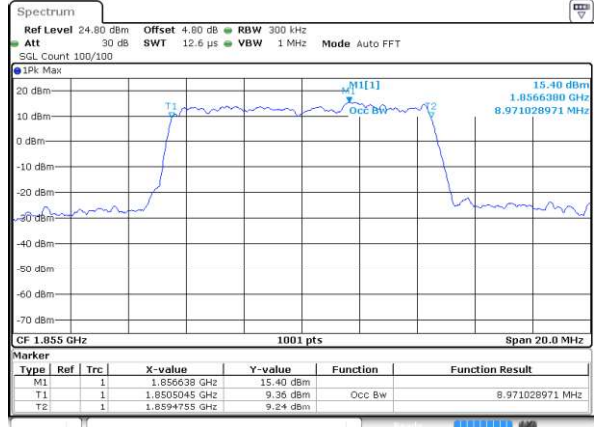
LTE Band 2

Lowest Channel / 10MHz / QPSK



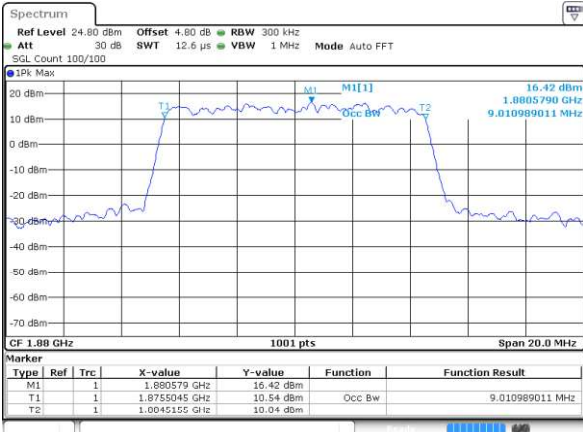
Date: 6 APR 2019 14:44:28

Lowest Channel / 10MHz / 16QAM



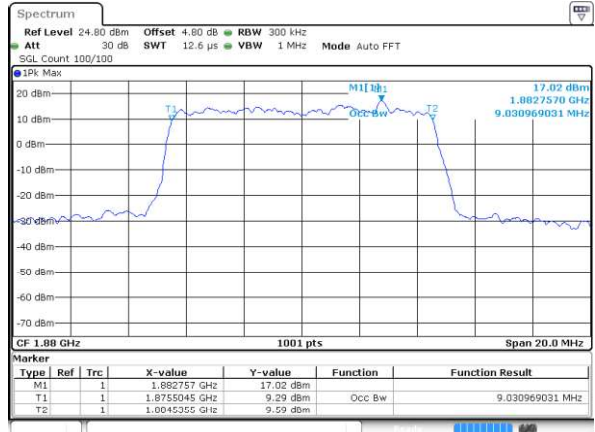
Date: 6 APR 2019 14:44:38

Middle Channel / 10MHz / QPSK



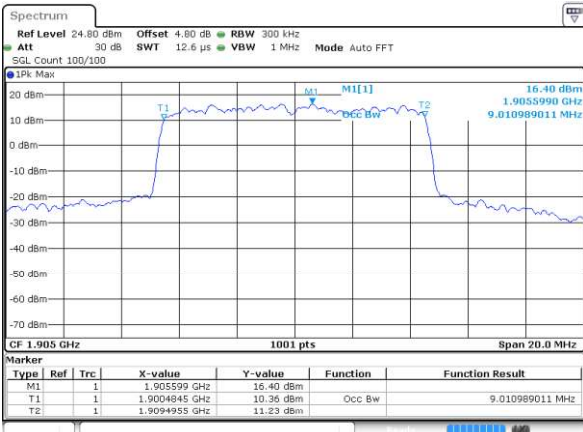
Date: 6 APR 2019 14:51:27

Middle Channel / 10MHz / 16QAM



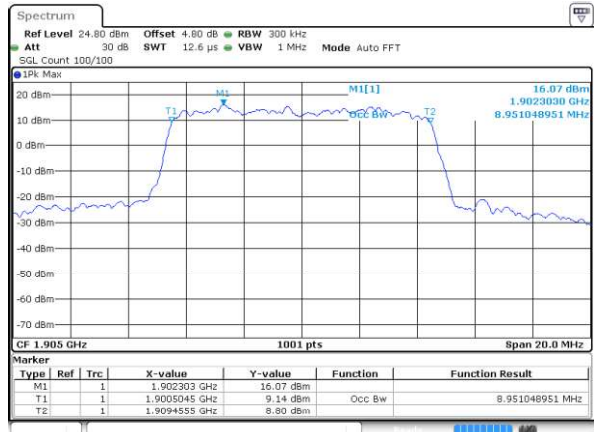
Date: 6 APR 2019 14:51:37

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 14:53:57

Highest Channel / 10MHz / 16QAM

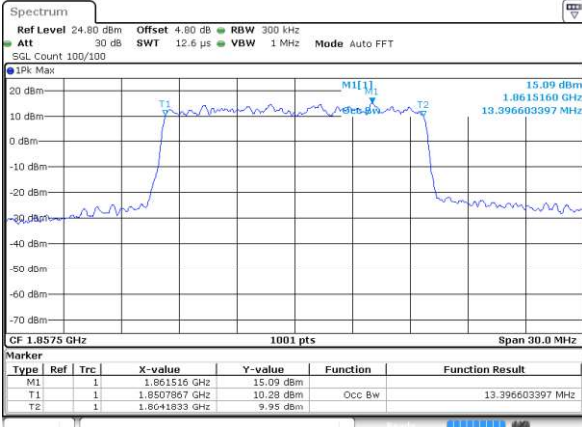


Date: 6 APR 2019 14:54:07



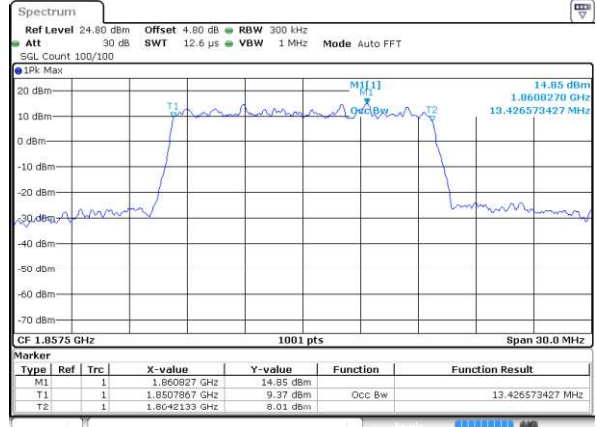
LTE Band 2

Lowest Channel / 15MHz / QPSK



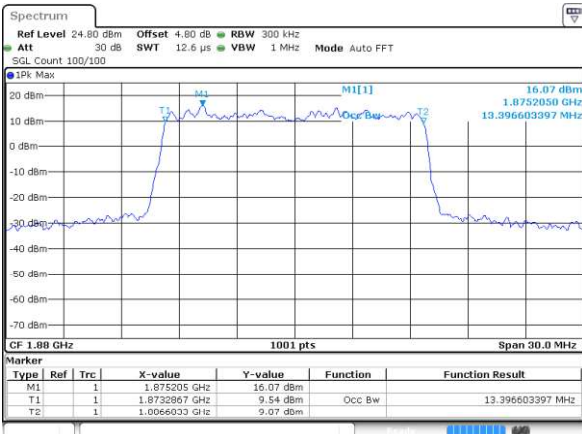
Date: 6 APR 2019 15:00:57

Lowest Channel / 15MHz / 16QAM



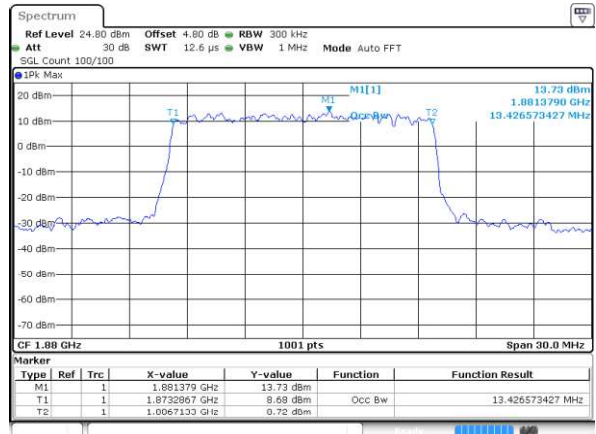
Date: 6 APR 2019 15:01:07

Middle Channel / 15MHz / QPSK



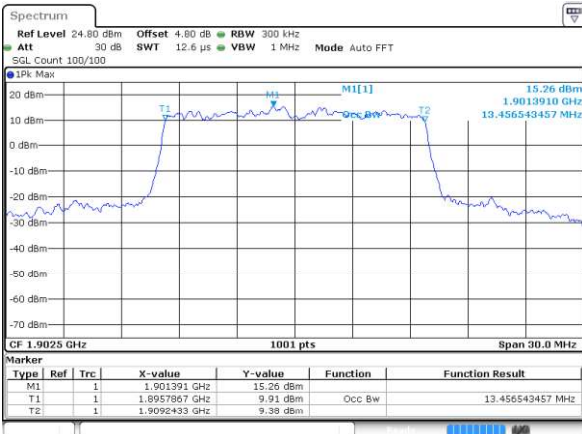
Date: 6 APR 2019 15:07:56

Middle Channel / 15MHz / 16QAM



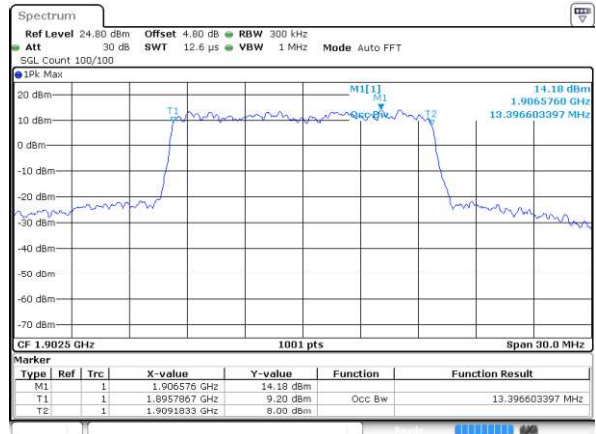
Date: 6 APR 2019 15:08:06

Highest Channel / 15MHz / QPSK



Date: 6 APR 2019 15:10:26

Highest Channel / 15MHz / 16QAM



Date: 6 APR 2019 15:10:36



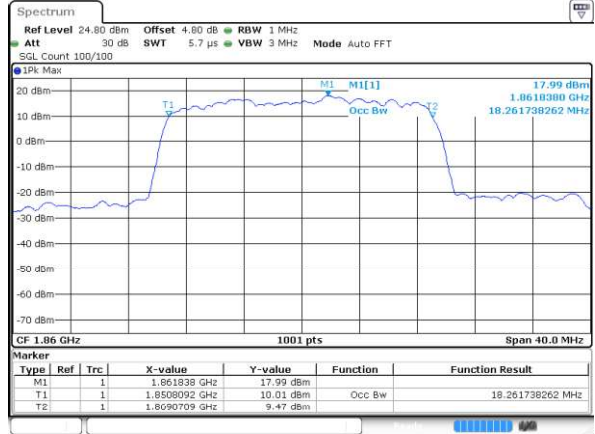
LTE Band 2

Lowest Channel / 20MHz / QPSK



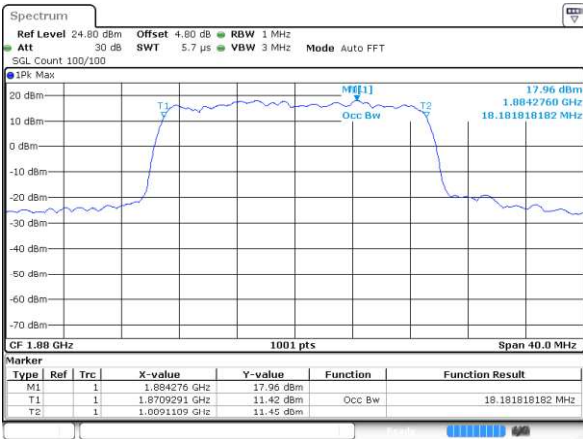
Date: 6 APR 2019 15:17:25

Lowest Channel / 20MHz / 16QAM



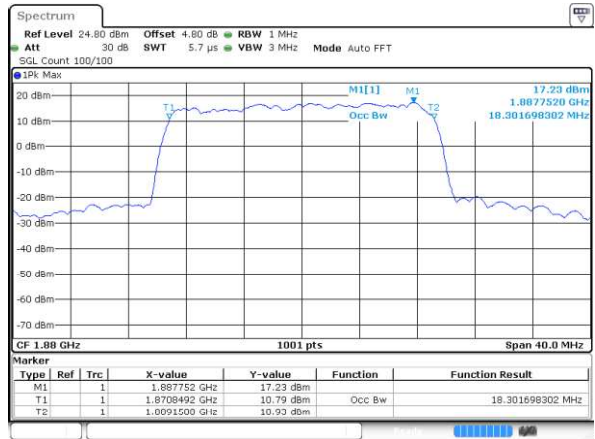
Date: 6 APR 2019 15:17:35

Middle Channel / 20MHz / QPSK



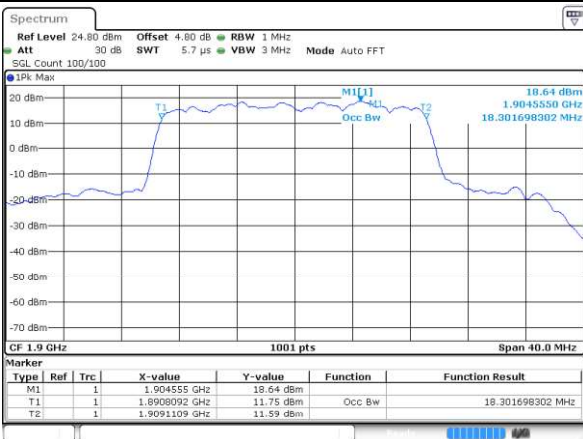
Date: 6 APR 2019 15:24:25

Middle Channel / 20MHz / 16QAM



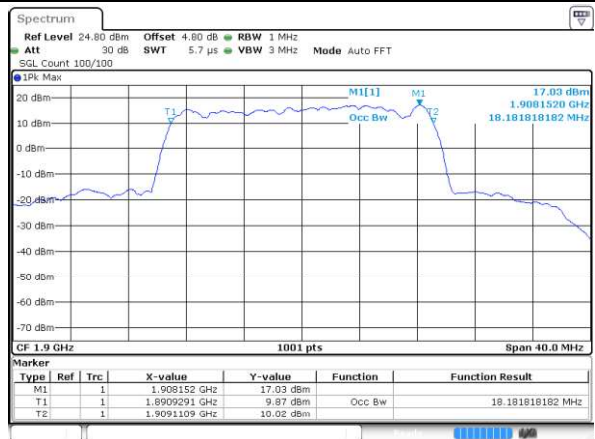
Date: 6 APR 2019 15:24:35

Highest Channel / 20MHz / QPSK



Date: 6 APR 2019 15:26:55

Highest Channel / 20MHz / 16QAM

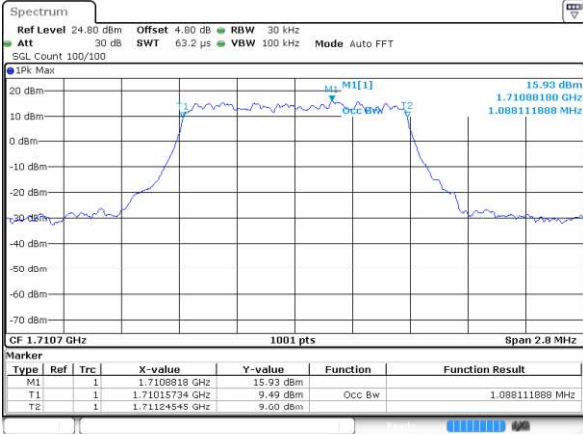


Date: 6 APR 2019 15:27:05



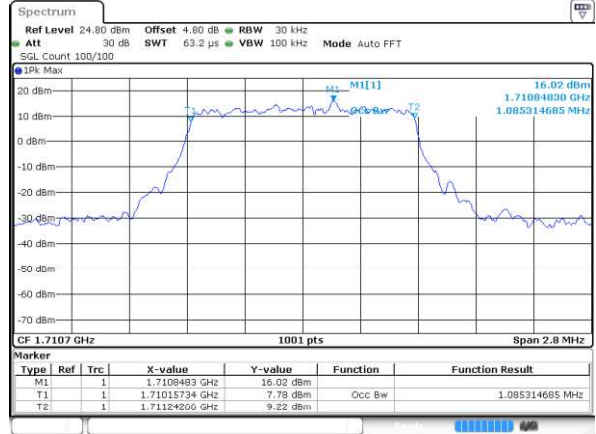
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



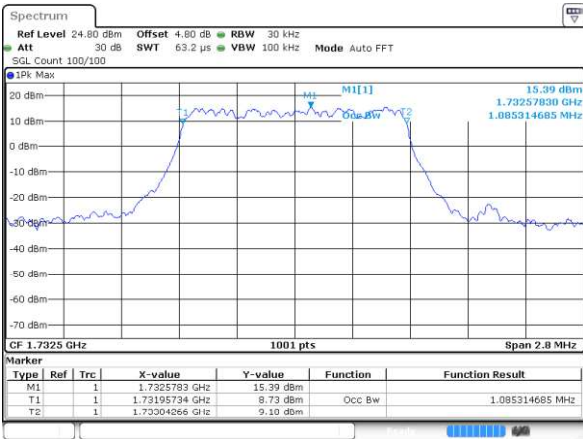
Date: 6 APR 2019 15:36:36

Lowest Channel / 1.4MHz / 16QAM



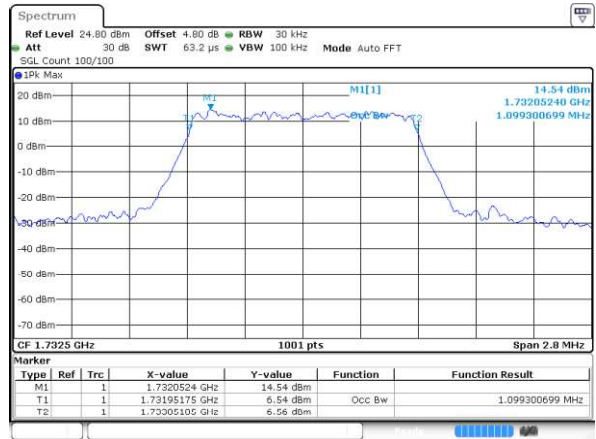
Date: 6 APR 2019 15:36:46

Middle Channel / 1.4MHz / QPSK



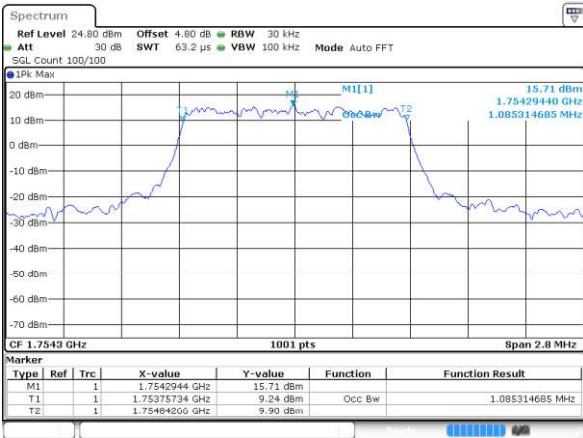
Date: 6 APR 2019 15:43:35

Middle Channel / 1.4MHz / 16QAM



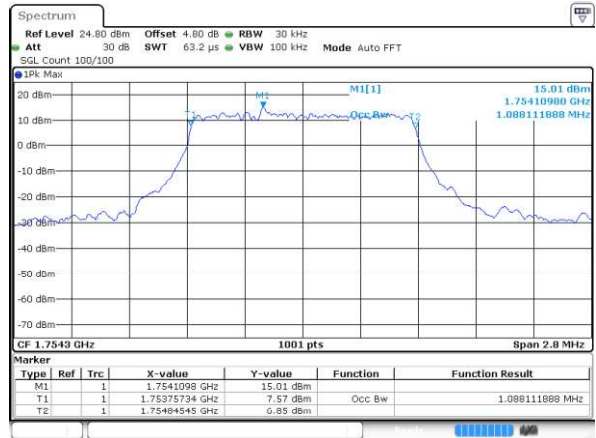
Date: 6 APR 2019 15:43:45

Highest Channel / 1.4MHz / QPSK



Date: 6 APR 2019 15:46:05

Highest Channel / 1.4MHz / 16QAM



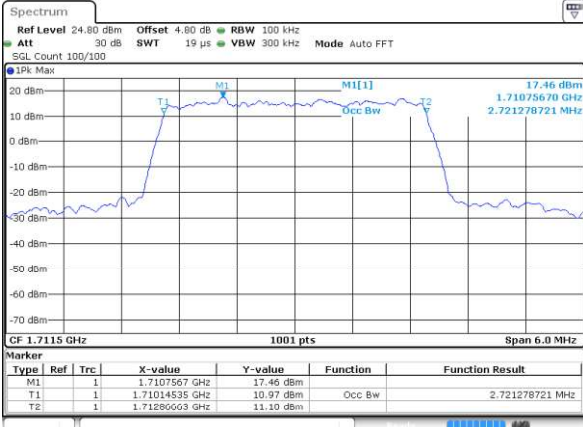
Date: 6 APR 2019 15:46:15





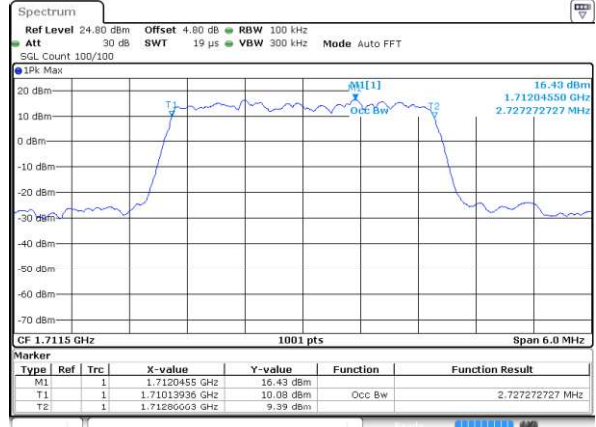
LTE Band 4

Lowest Channel / 3MHz / QPSK



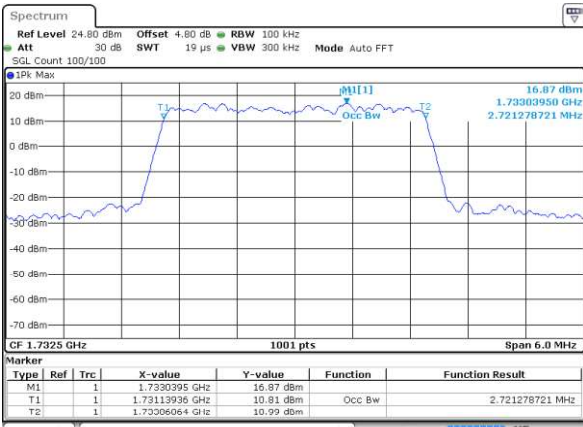
Date: 6 APR 2019 15:53:04

Lowest Channel / 3MHz / 16QAM



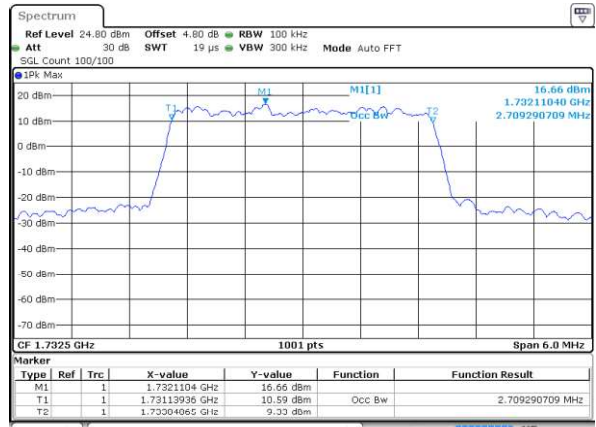
Date: 6 APR 2019 15:53:14

Middle Channel / 3MHz / QPSK



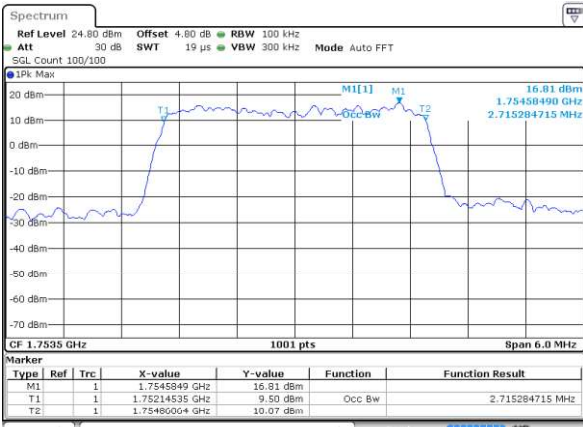
Date: 6 APR 2019 16:00:04

Middle Channel / 3MHz / 16QAM



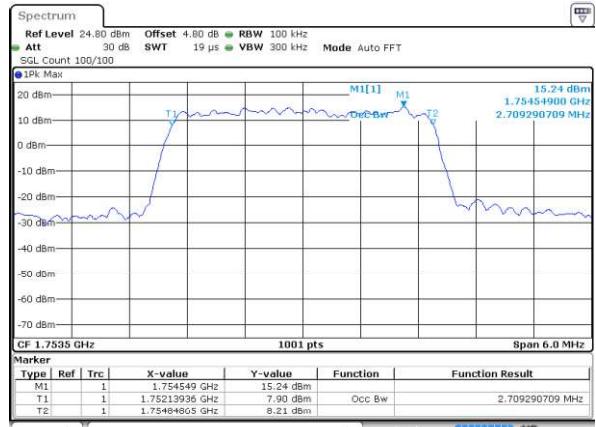
Date: 6 APR 2019 16:00:14

Highest Channel / 3MHz / QPSK



Date: 6 APR 2019 16:02:33

Highest Channel / 3MHz / 16QAM

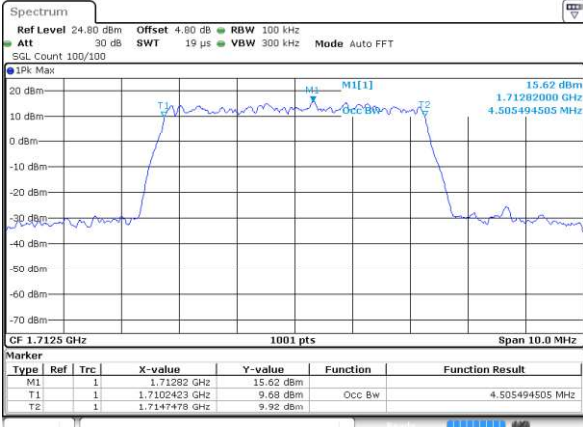


Date: 6 APR 2019 16:02:43



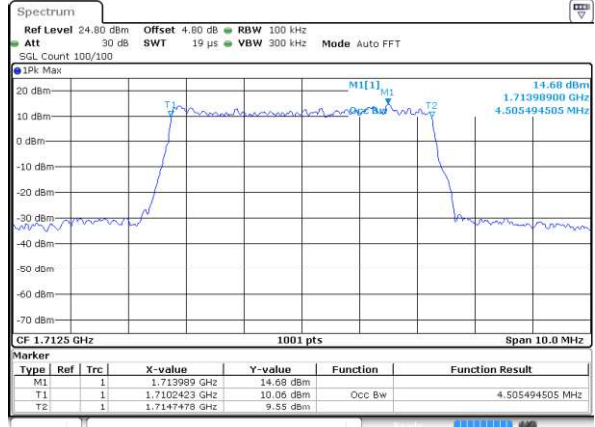
LTE Band 4

Lowest Channel / 5MHz / QPSK



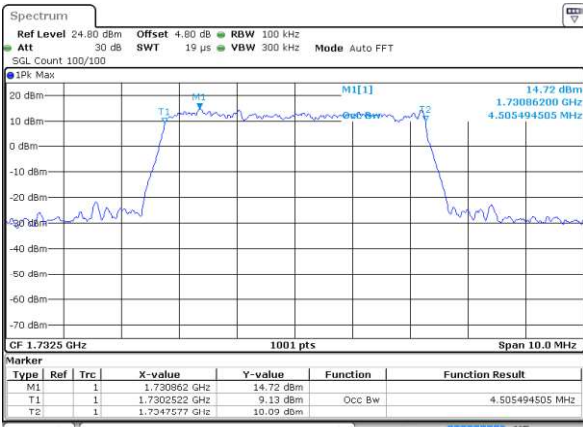
Date: 6 APR 2019 16:09:33

Lowest Channel / 5MHz / 16QAM



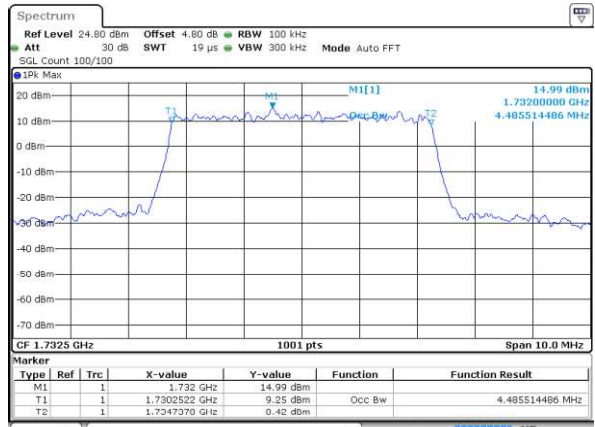
Date: 6 APR 2019 16:09:43

Middle Channel / 5MHz / QPSK



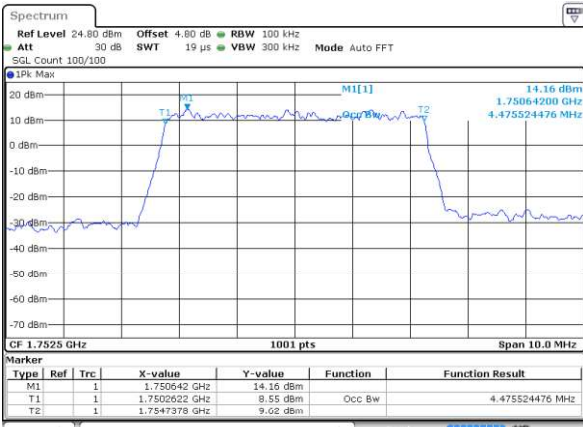
Date: 6 APR 2019 16:16:33

Middle Channel / 5MHz / 16QAM



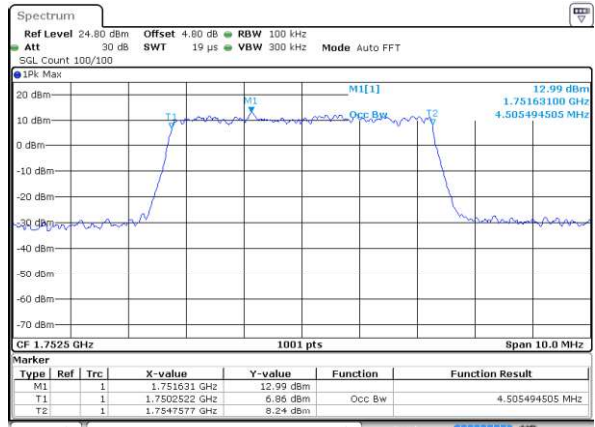
Date: 6 APR 2019 16:16:43

Highest Channel / 5MHz / QPSK



Date: 6 APR 2019 16:19:02

Highest Channel / 5MHz / 16QAM

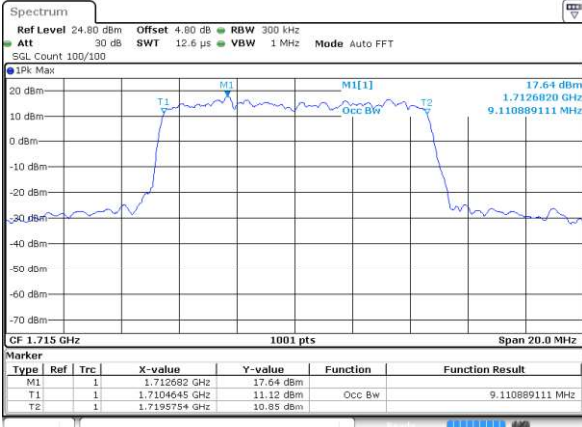


Date: 6 APR 2019 16:19:12



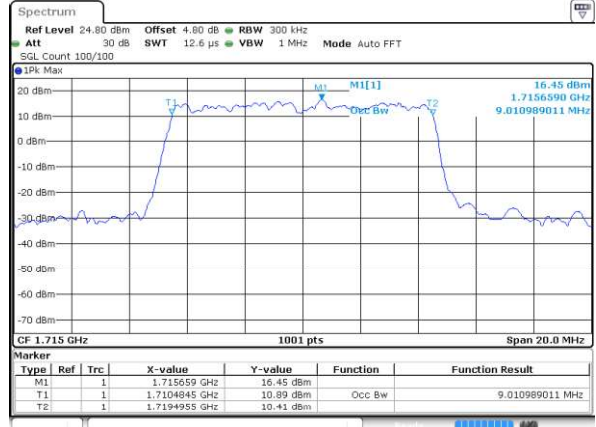
LTE Band 4

Lowest Channel / 10MHz / QPSK



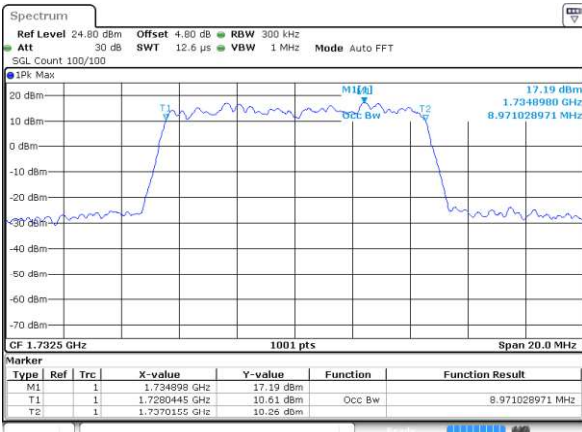
Date: 6 APR 2019 16:26:02

Lowest Channel / 10MHz / 16QAM



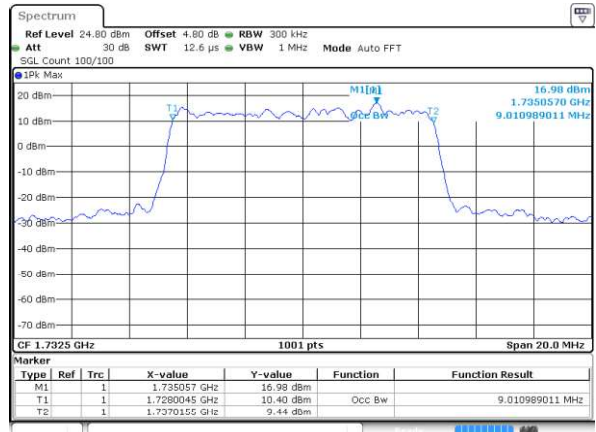
Date: 6 APR 2019 16:26:12

Middle Channel / 10MHz / QPSK



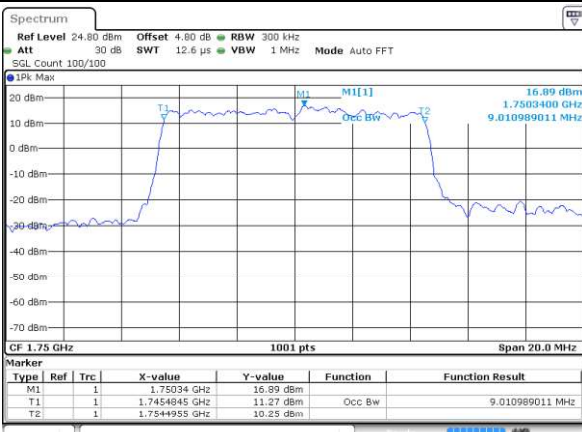
Date: 6 APR 2019 16:33:01

Middle Channel / 10MHz / 16QAM



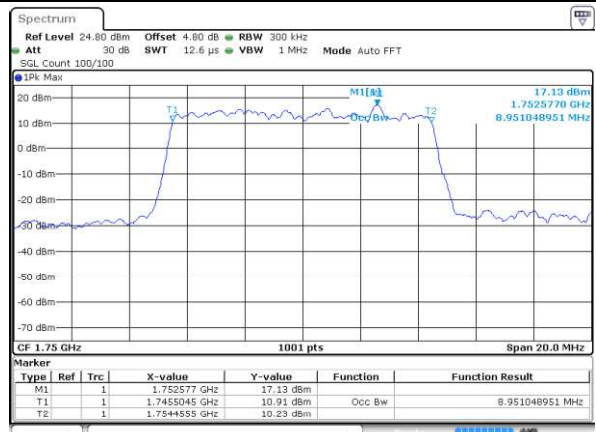
Date: 6 APR 2019 16:33:11

Highest Channel / 10MHz / QPSK



Date: 6 APR 2019 16:35:31

Highest Channel / 10MHz / 16QAM

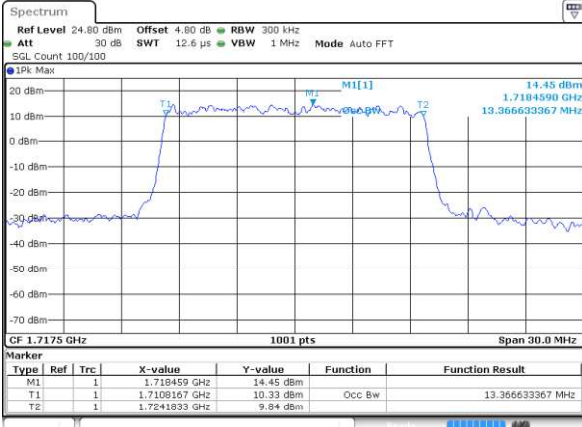


Date: 6 APR 2019 16:35:41



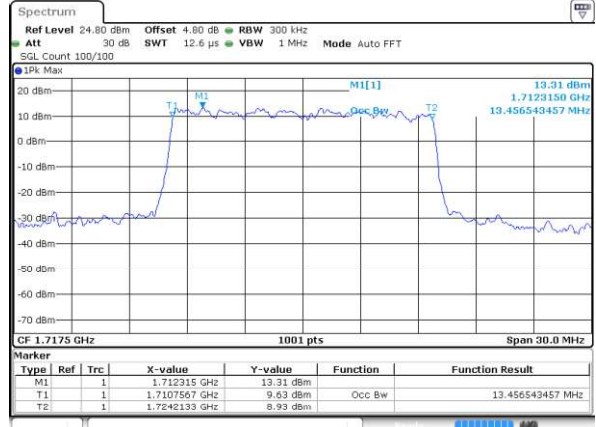
LTE Band 4

Lowest Channel / 15MHz / QPSK



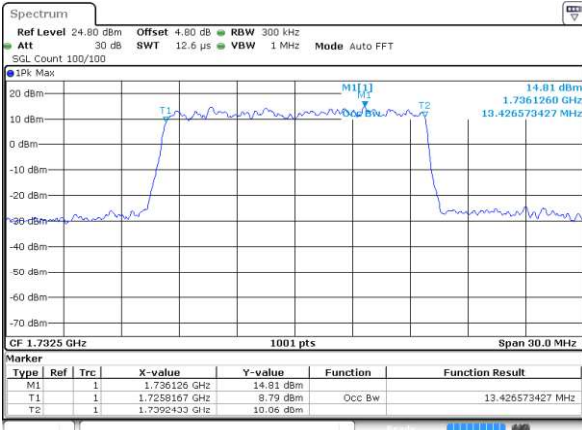
Date: 6 APR 2019 16:42:30

Lowest Channel / 15MHz / 16QAM



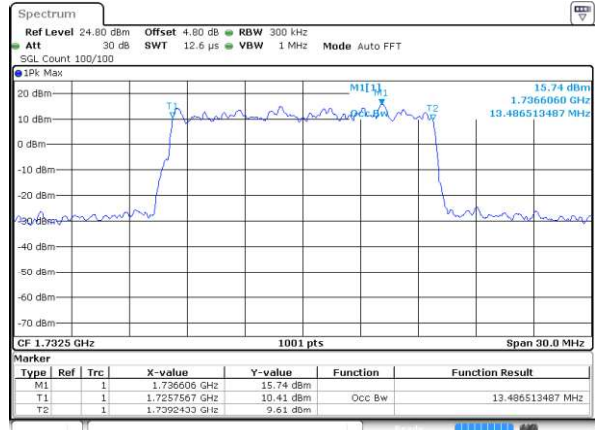
Date: 6 APR 2019 16:42:40

Middle Channel / 15MHz / QPSK



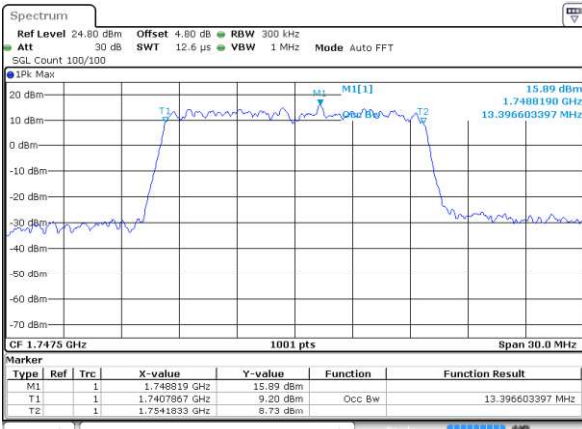
Date: 6 APR 2019 16:49:30

Middle Channel / 15MHz / 16QAM



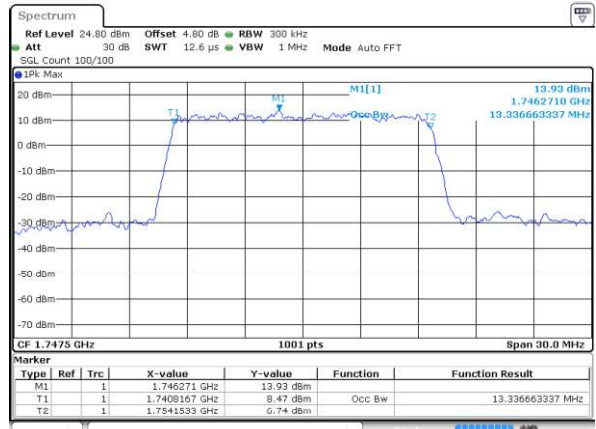
Date: 6 APR 2019 16:49:40

Highest Channel / 15MHz / QPSK



Date: 6 APR 2019 16:52:00

Highest Channel / 15MHz / 16QAM



Date: 6 APR 2019 16:52:10