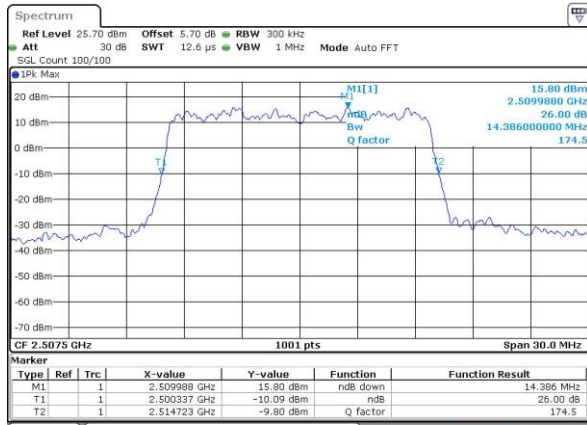




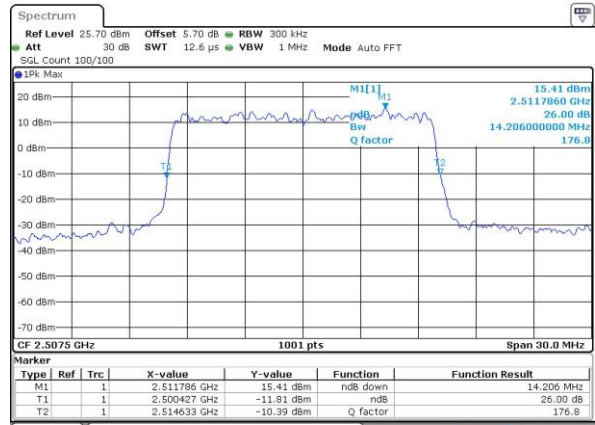
LTE Band 7

Lowest Channel / 15MHz / QPSK



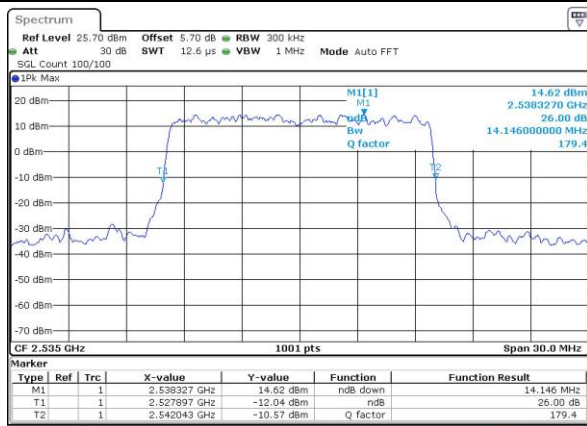
Date: 16 MAR 2019 15:07:51

Lowest Channel / 15MHz / 16QAM



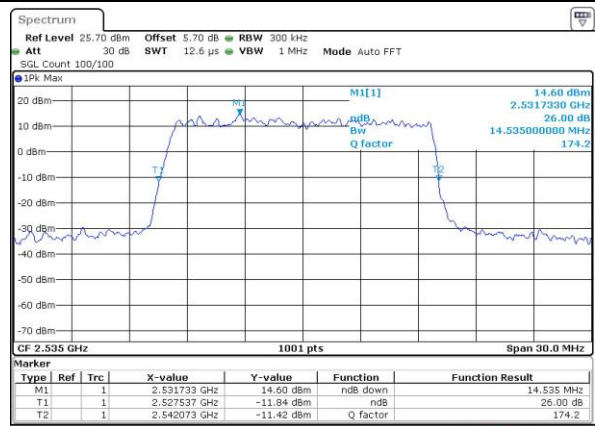
Date: 16 MAR 2019 15:08:23

Middle Channel / 15MHz / QPSK



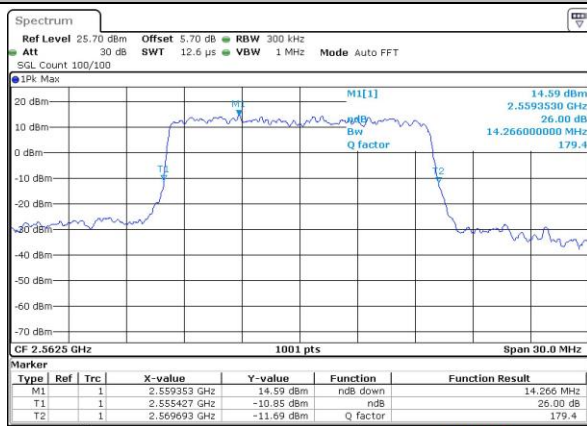
Date: 16 MAR 2019 15:09:46

Middle Channel / 15MHz / 16QAM



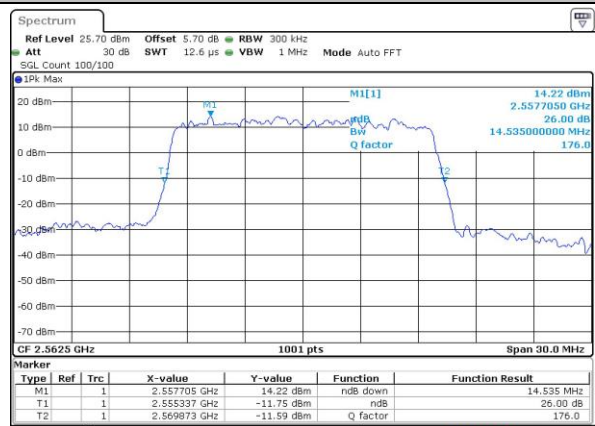
Date: 16 MAR 2019 15:10:14

Highest Channel / 15MHz / QPSK



Date: 16 MAR 2019 15:11:18

Highest Channel / 15MHz / 16QAM

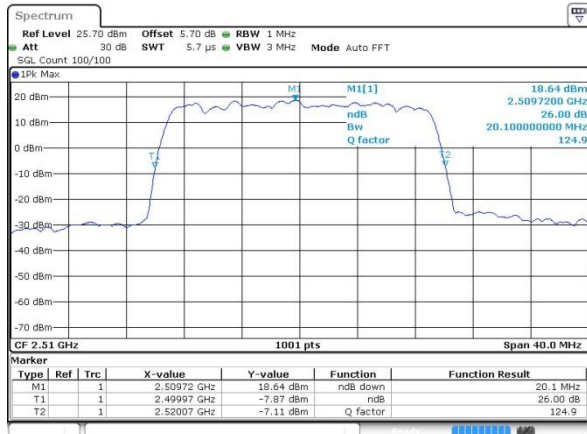


Date: 16 MAR 2019 15:11:45

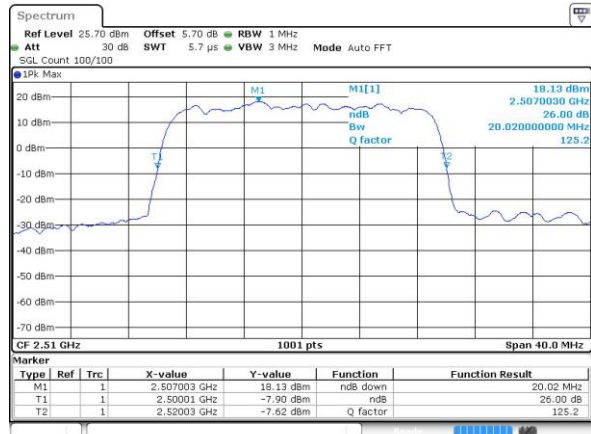


LTE Band 7

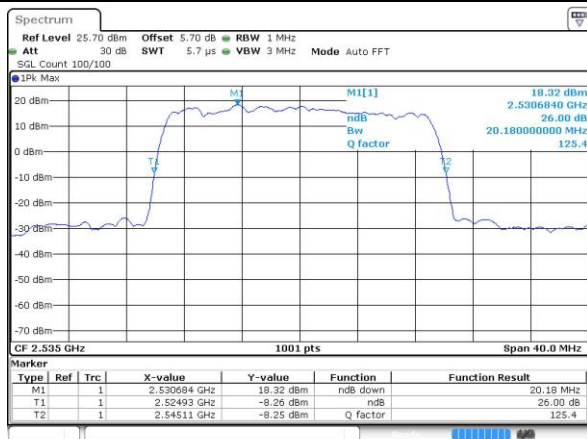
Lowest Channel / 20MHz / QPSK



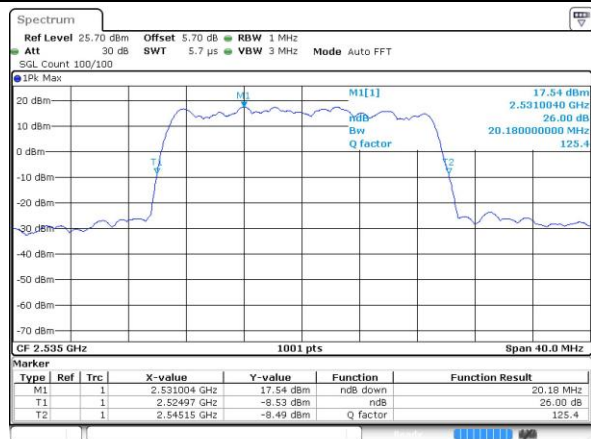
Lowest Channel / 20MHz / 16QAM



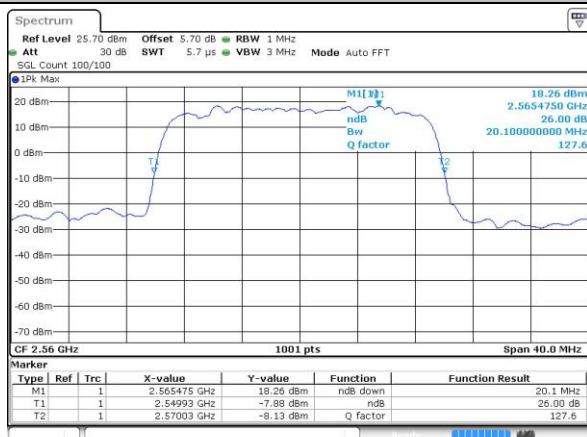
Middle Channel / 20MHz / QPSK



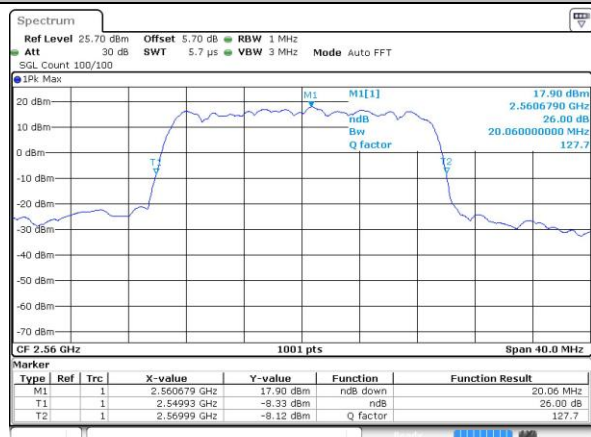
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



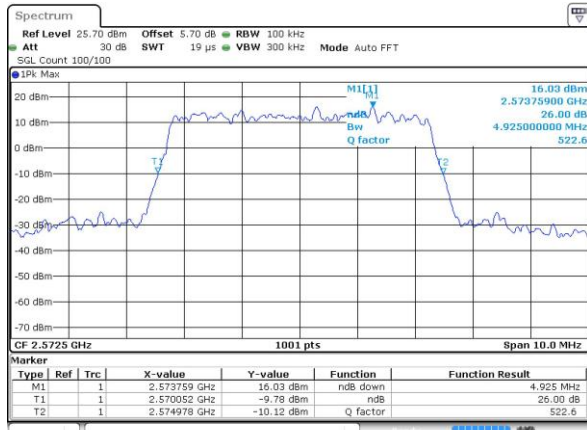
Highest Channel / 20MHz / 16QAM





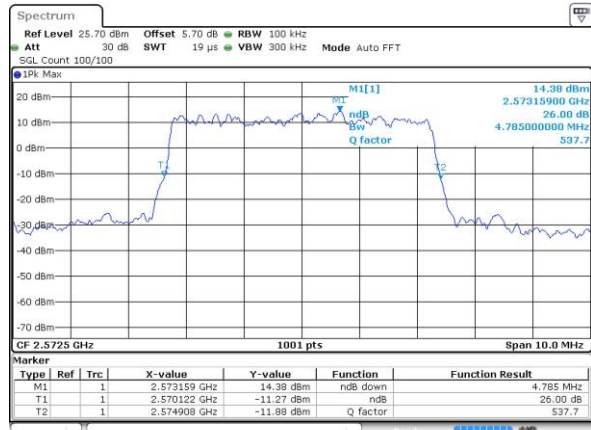
LTE Band 38

Lowest Channel / 5MHz / QPSK



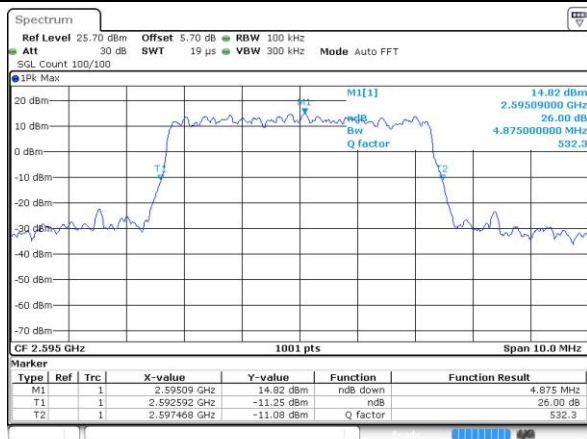
Date: 16 MAR 2019 16:12:38

Lowest Channel / 5MHz / 16QAM



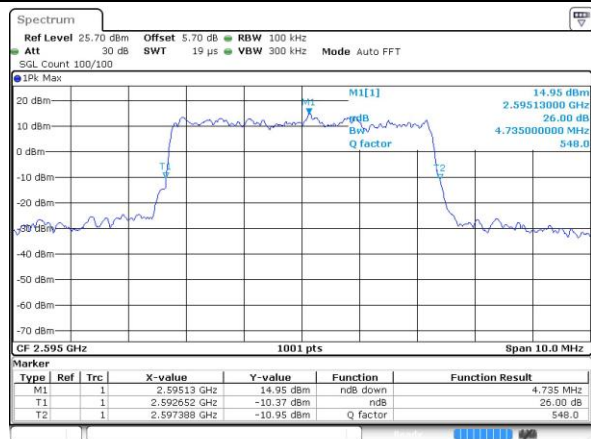
Date: 16 MAR 2019 16:13:07

Middle Channel / 5MHz / QPSK



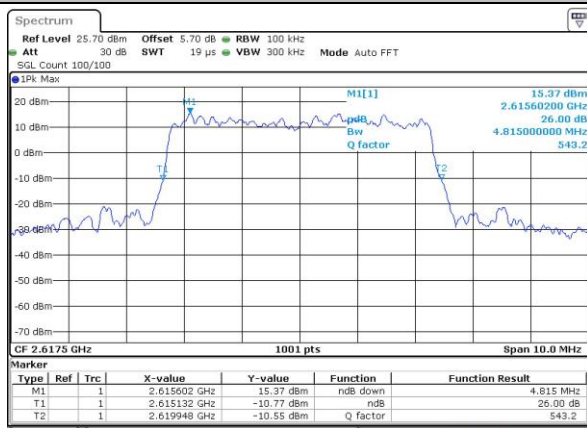
Date: 16 MAR 2019 16:14:10

Middle Channel / 5MHz / 16QAM



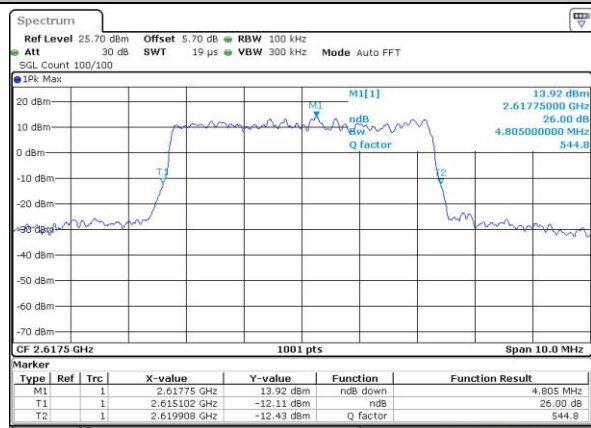
Date: 16 MAR 2019 16:14:36

Highest Channel / 5MHz / QPSK



Date: 16 MAR 2019 16:15:42

Highest Channel / 5MHz / 16QAM

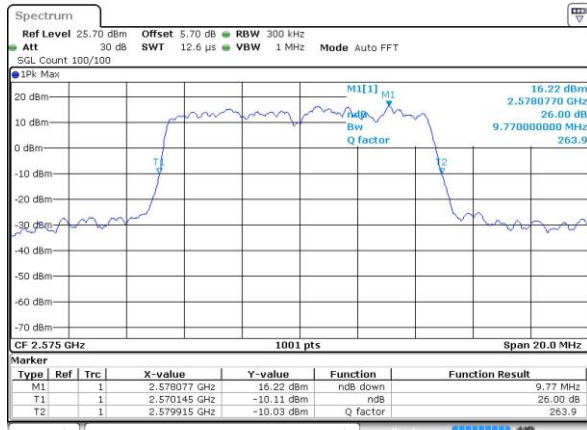


Date: 16 MAR 2019 16:16:12



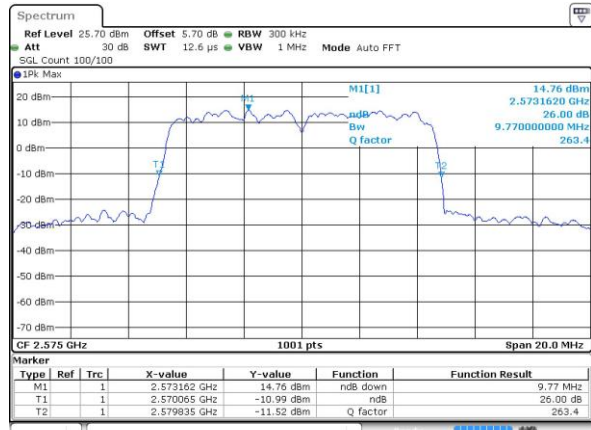
LTE Band 38

Lowest Channel / 10MHz / QPSK



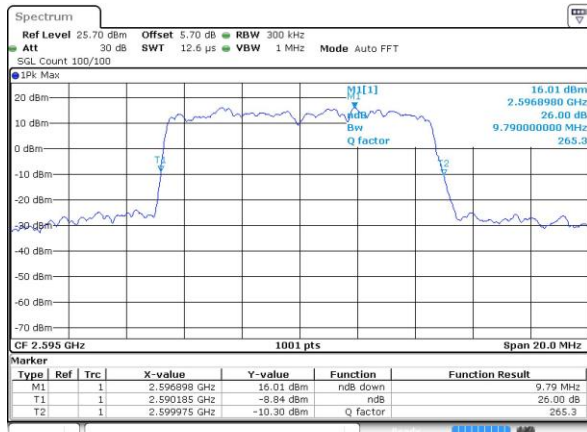
Date: 16 MAR 2019 16:40:43

Lowest Channel / 10MHz / 16QAM



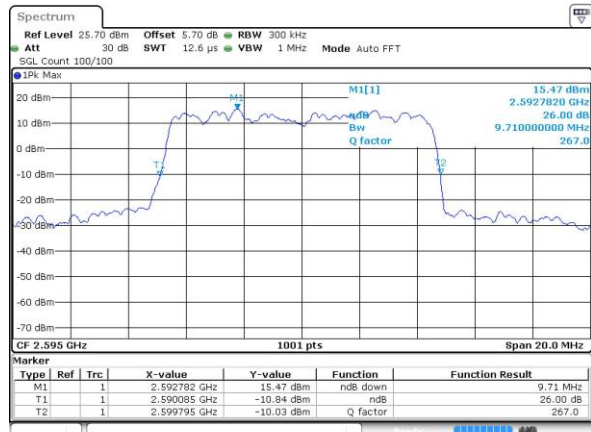
Date: 16 MAR 2019 16:41:33

Middle Channel / 10MHz / QPSK



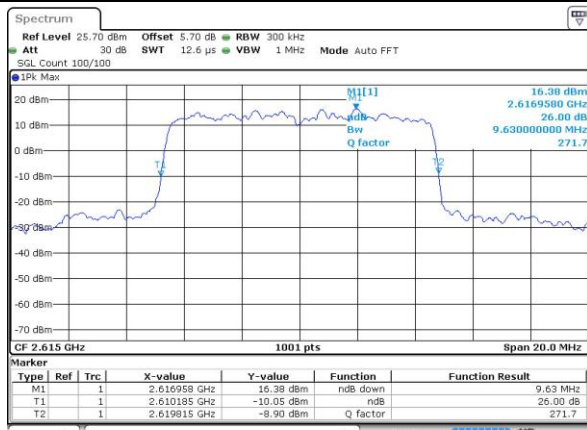
Date: 16 MAR 2019 16:42:48

Middle Channel / 10MHz / 16QAM



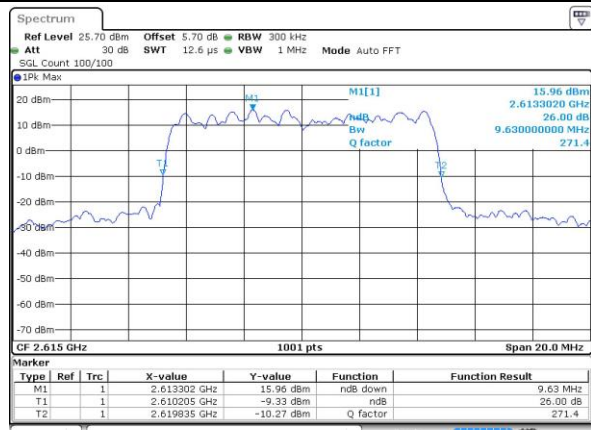
Date: 16 MAR 2019 16:43:14

Highest Channel / 10MHz / QPSK



Date: 16 MAR 2019 16:44:14

Highest Channel / 10MHz / 16QAM

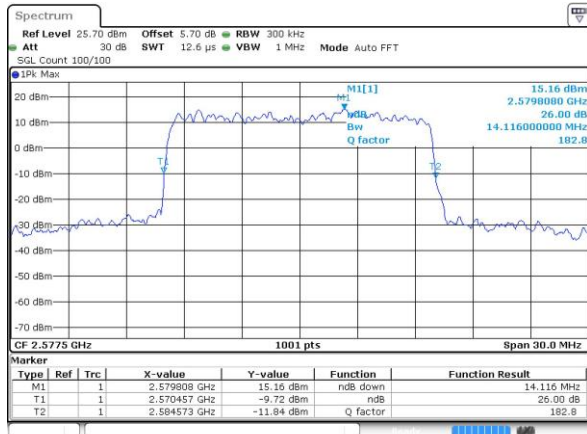


Date: 16 MAR 2019 16:44:47



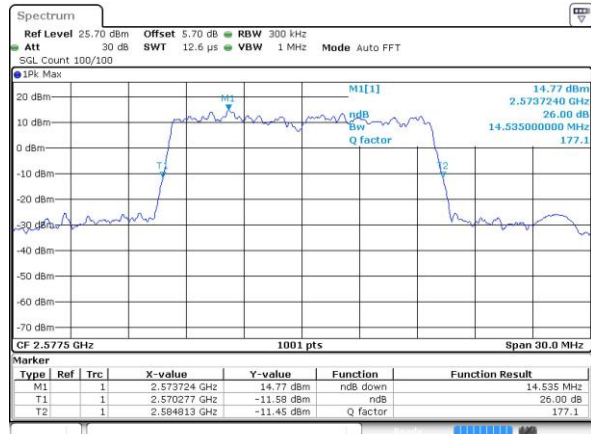
LTE Band 38

Lowest Channel / 15MHz / QPSK



Date: 16 MAR 2019 17:41:19

Lowest Channel / 15MHz / 16QAM



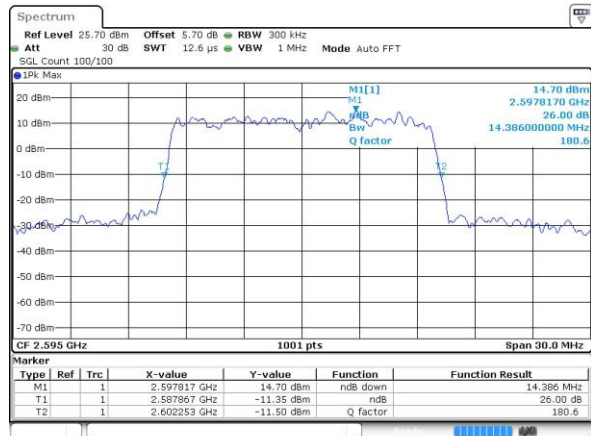
Date: 16 MAR 2019 17:41:51

Middle Channel / 15MHz / QPSK



Date: 16 MAR 2019 17:42:58

Middle Channel / 15MHz / 16QAM



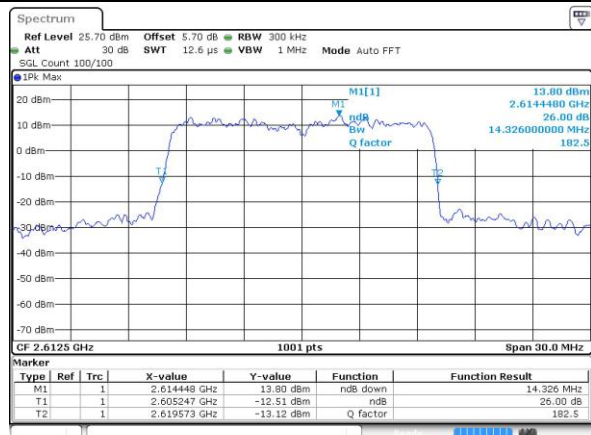
Date: 16 MAR 2019 17:43:24

Highest Channel / 15MHz / QPSK



Date: 16 MAR 2019 17:44:27

Highest Channel / 15MHz / 16QAM

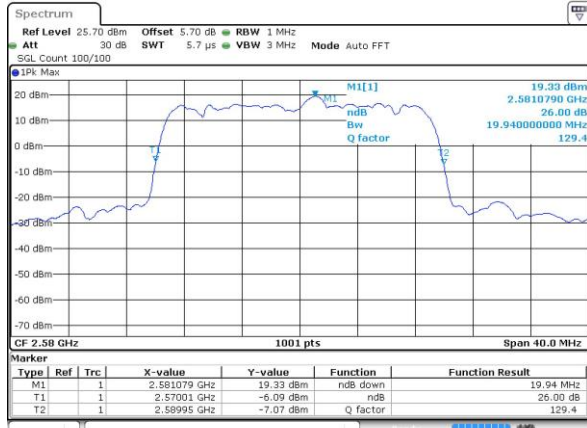


Date: 16 MAR 2019 17:44:56

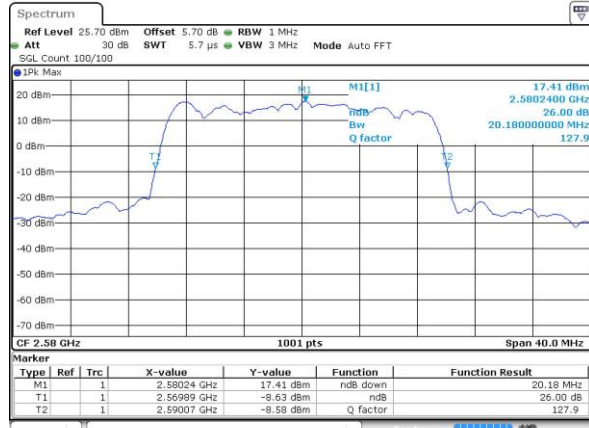


LTE Band 38

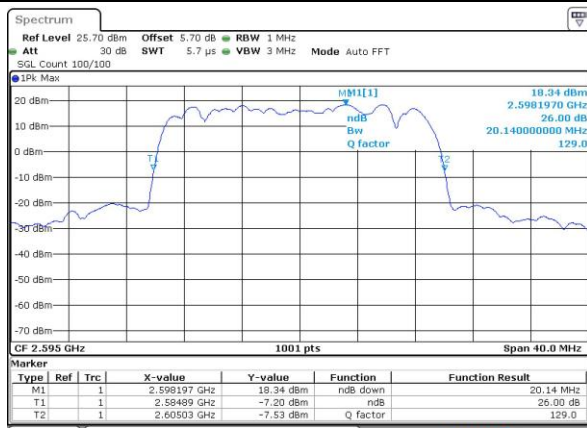
Lowest Channel / 20MHz / QPSK



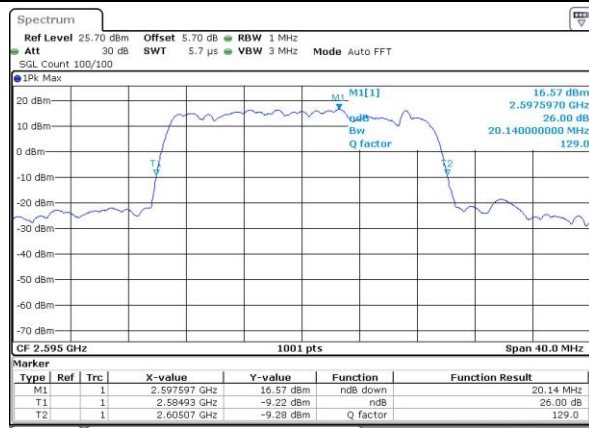
Lowest Channel / 20MHz / 16QAM



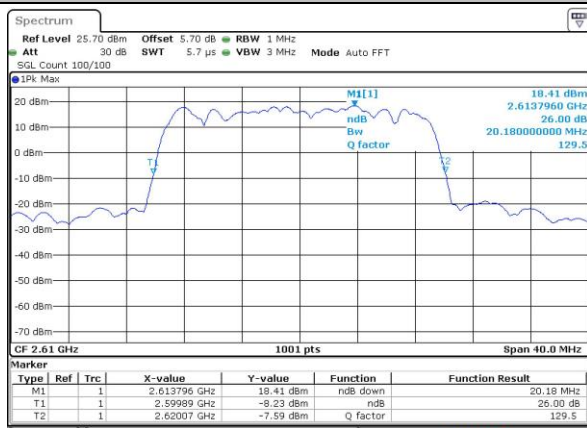
Middle Channel / 20MHz / QPSK



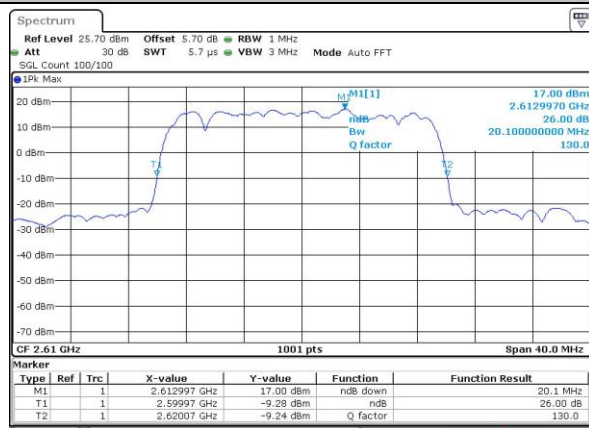
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



Highest Channel / 20MHz / 16QAM



**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	1.09	2.71	2.70	4.49	4.51	9.01	9.01	13.37	13.37	18.46	18.22
Middle CH	1.10	1.10	2.71	2.70	4.48	4.50	8.89	8.97	13.37	13.43	18.18	18.38
Highest CH	1.09	1.09	2.73	2.72	4.47	4.50	8.99	9.01	13.46	13.43	18.26	18.30

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	2.73	4.49	4.49	9.03	8.95	13.43	13.40	18.38	18.30
Middle CH	1.09	1.09	2.72	2.73	4.49	4.49	8.97	9.07	13.40	13.37	18.22	18.42
Highest CH	1.10	1.09	2.71	2.72	4.51	4.50	9.01	8.97	13.34	13.46	18.06	18.26

Mode	LTE Band 5 : 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	2.72	2.71	4.48	4.49	9.03	8.97				
Middle CH	1.09	1.10	2.73	2.72	4.50	4.50	9.05	8.99				
Highest CH	1.09	1.10	2.73	2.71	4.51	4.49	8.99	8.97				

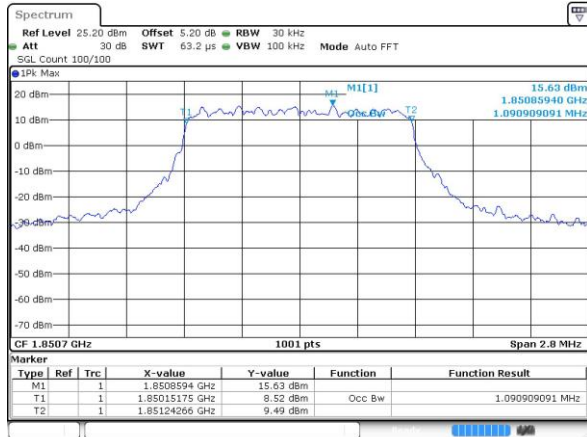
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.48	4.49	9.05	9.03	13.40	13.49	18.34	18.30
Middle CH					4.48	4.47	9.01	8.99	13.40	13.43	18.22	18.22
Highest CH					4.49	4.48	8.95	8.97	13.34	13.43	18.34	18.22

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.51	4.48	9.03	8.95	13.43	13.40	18.22	18.34
Middle CH					4.48	4.48	9.01	8.99	13.40	13.37	18.30	18.26
Highest CH					4.50	4.50	9.05	9.01	13.49	13.37	18.34	18.06



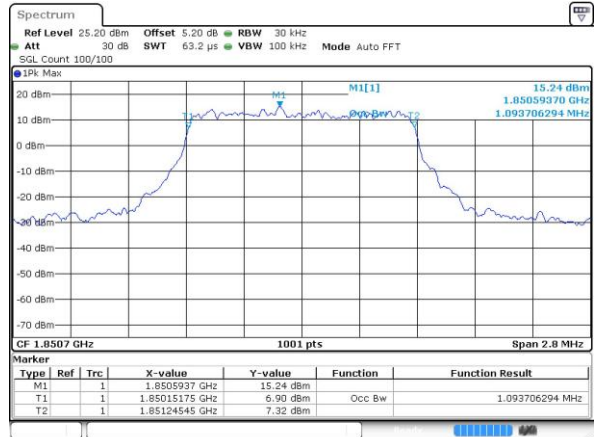
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



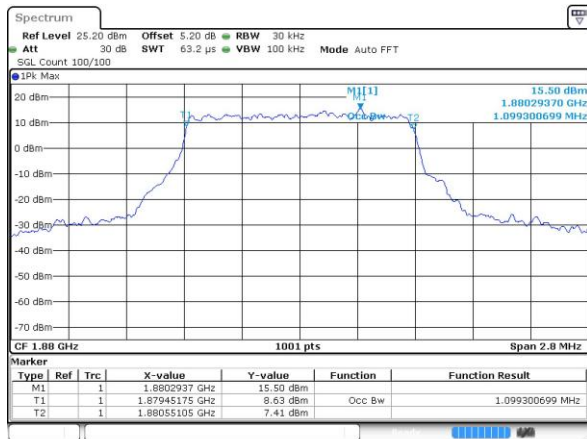
Date: 17 MAR 2019 09:23:11

Lowest Channel / 1.4MHz / 16QAM



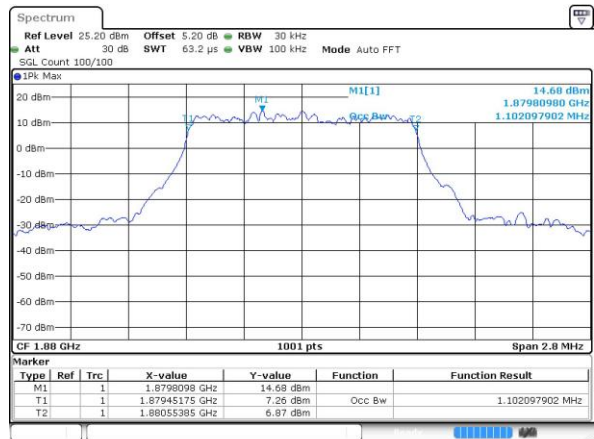
Date: 17 MAR 2019 09:24:09

Middle Channel / 1.4MHz / QPSK



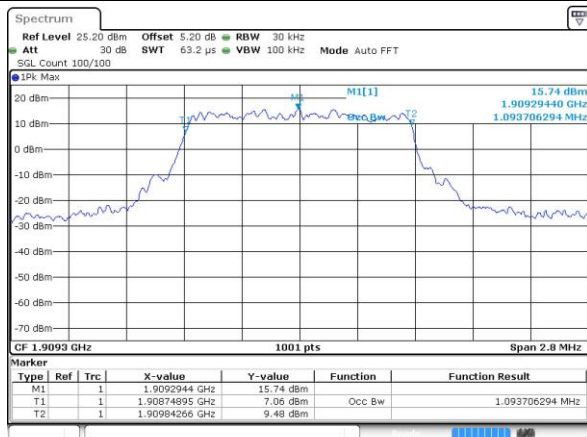
Date: 17 MAR 2019 09:25:09

Middle Channel / 1.4MHz / 16QAM



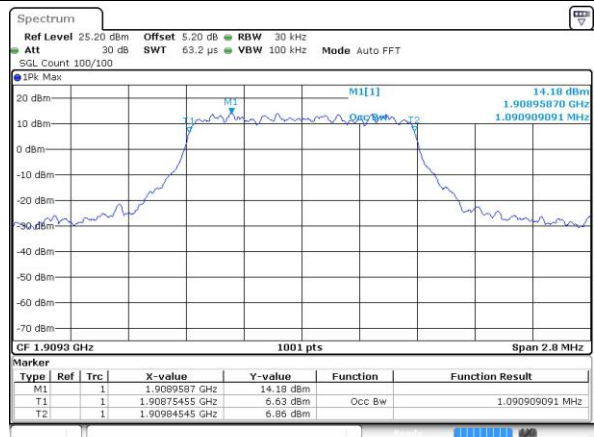
Date: 17 MAR 2019 09:25:38

Highest Channel / 1.4MHz / QPSK



Date: 17 MAR 2019 09:26:38

Highest Channel / 1.4MHz / 16QAM

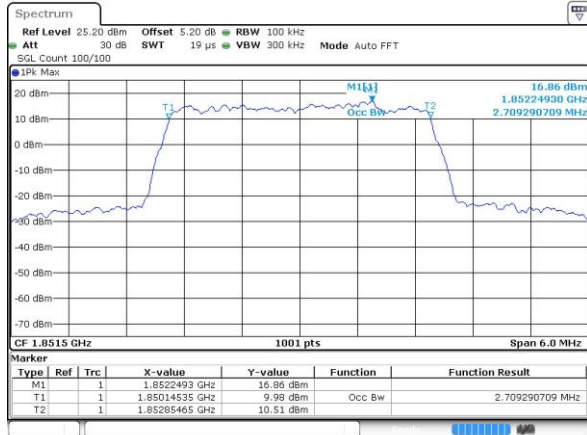


Date: 17 MAR 2019 09:27:05



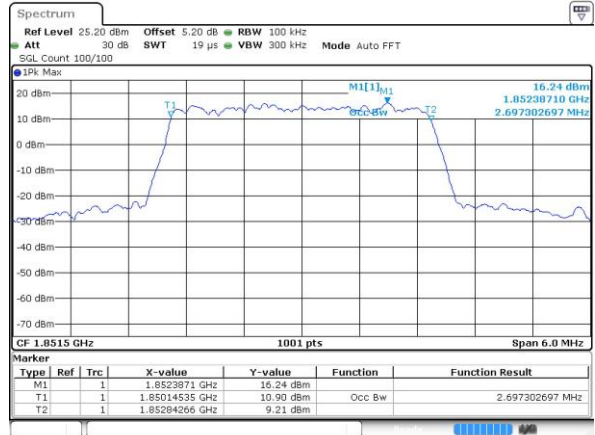
LTE Band 2

Lowest Channel / 3MHz / QPSK



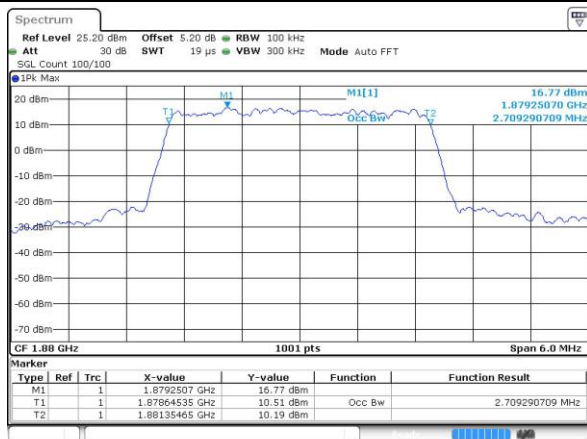
Date: 17 MAR 2019 10:21:27

Lowest Channel / 3MHz / 16QAM



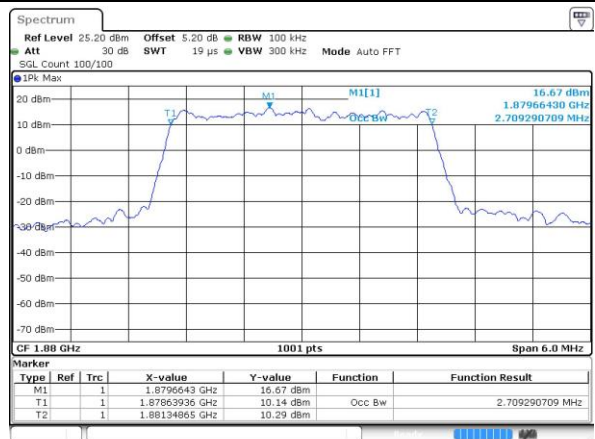
Date: 17 MAR 2019 10:21:54

Middle Channel / 3MHz / QPSK



Date: 17 MAR 2019 10:24:26

Middle Channel / 3MHz / 16QAM



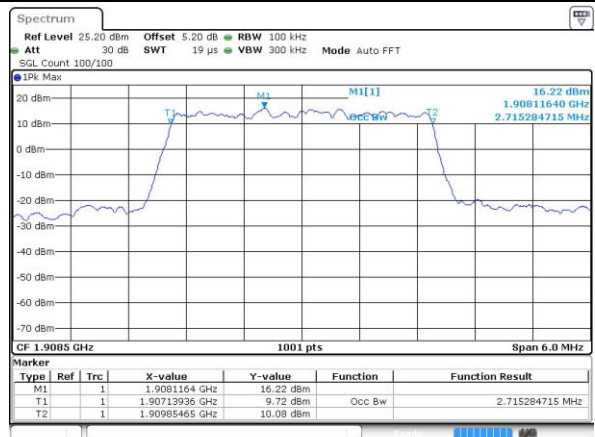
Date: 17 MAR 2019 10:24:55

Highest Channel / 3MHz / QPSK



Date: 17 MAR 2019 10:26:03

Highest Channel / 3MHz / 16QAM

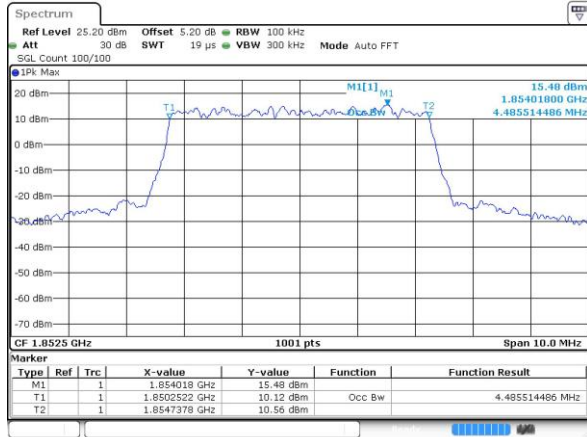


Date: 17 MAR 2019 10:26:31

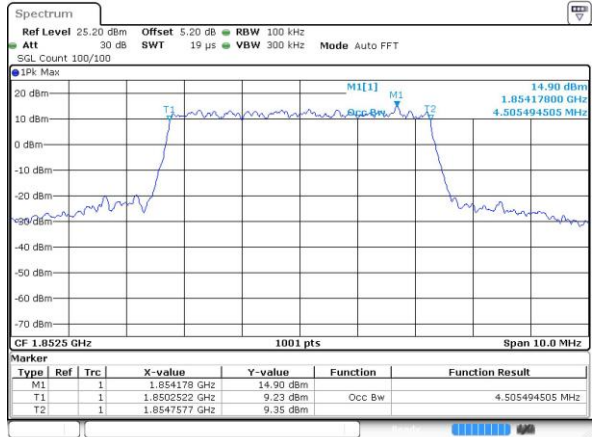


LTE Band 2

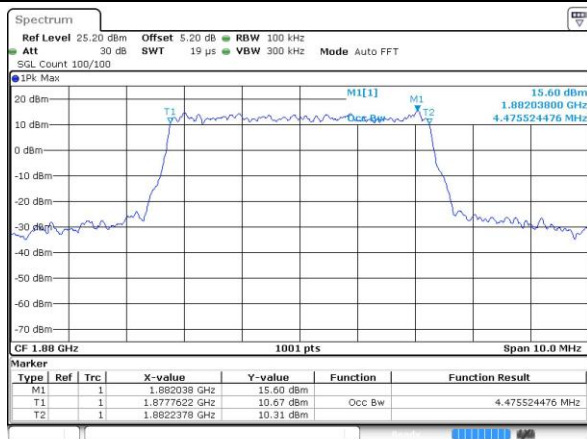
Lowest Channel / 5MHz / QPSK



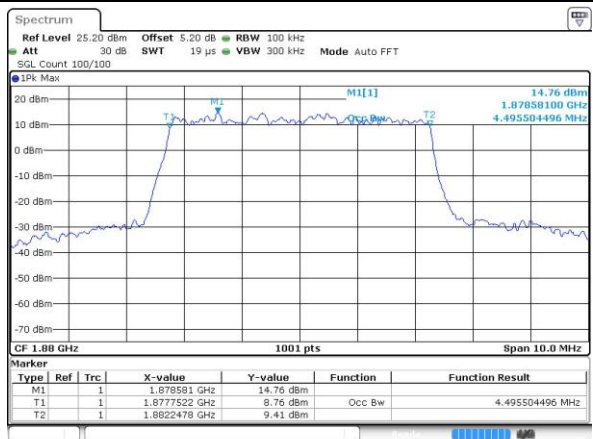
Lowest Channel / 5MHz / 16QAM



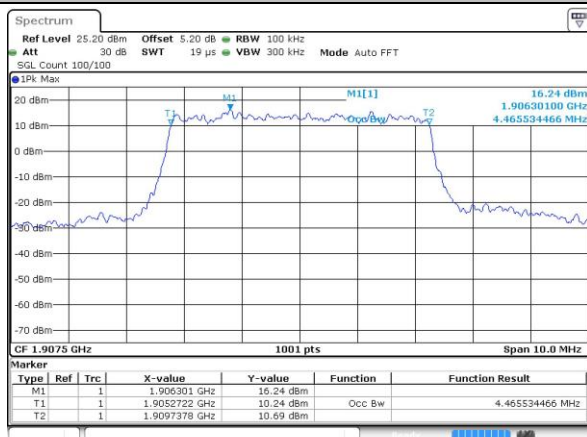
Middle Channel / 5MHz / QPSK



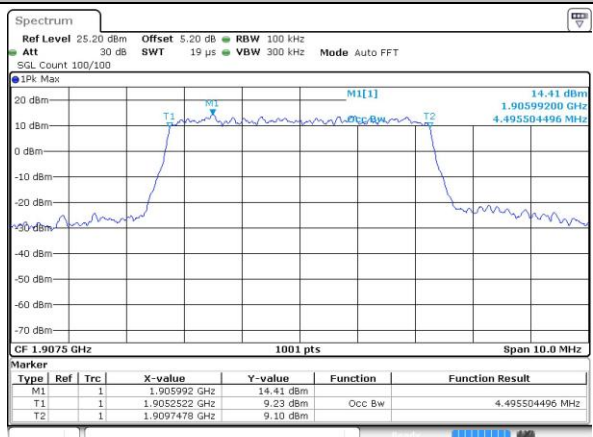
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



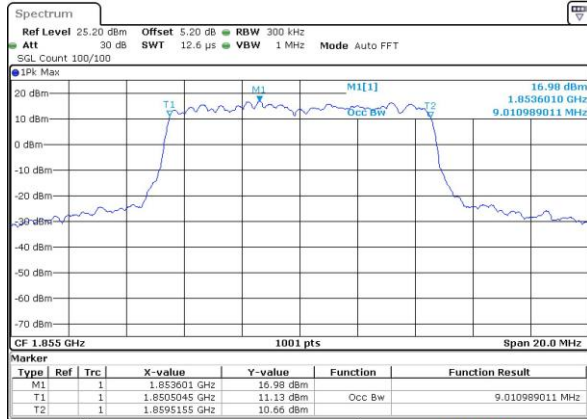
Highest Channel / 5MHz / 16QAM





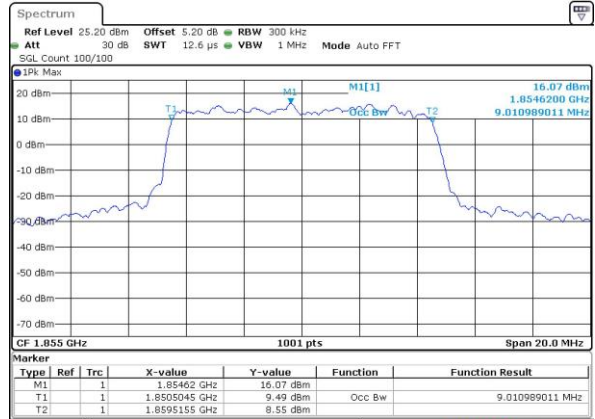
LTE Band 2

Lowest Channel / 10MHz / QPSK



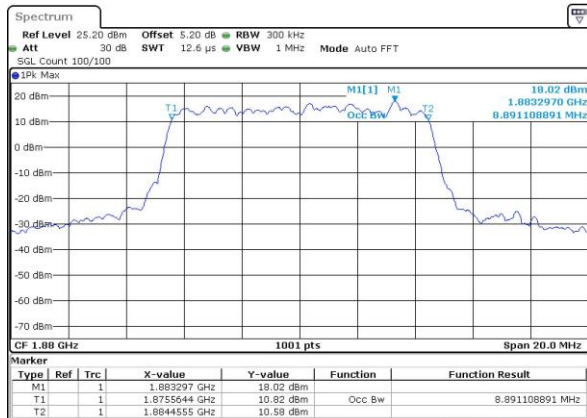
Date: 19 MAR 2019 10:25:13

Lowest Channel / 10MHz / 16QAM



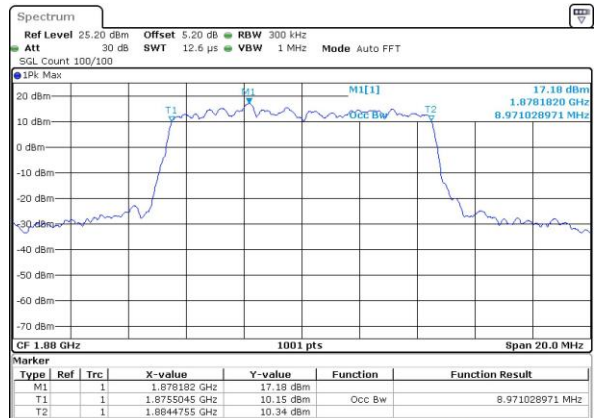
Date: 19 MAR 2019 10:26:00

Middle Channel / 10MHz / QPSK



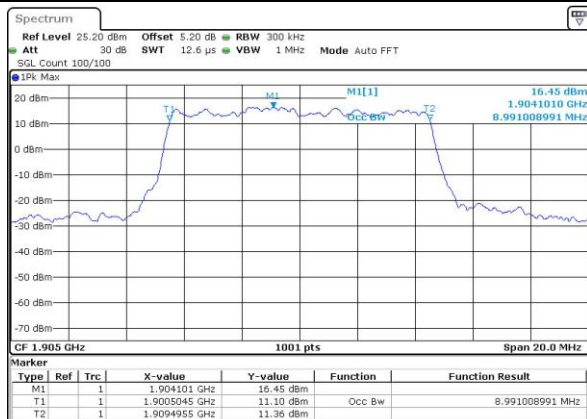
Date: 19 MAR 2019 10:28:04

Middle Channel / 10MHz / 16QAM



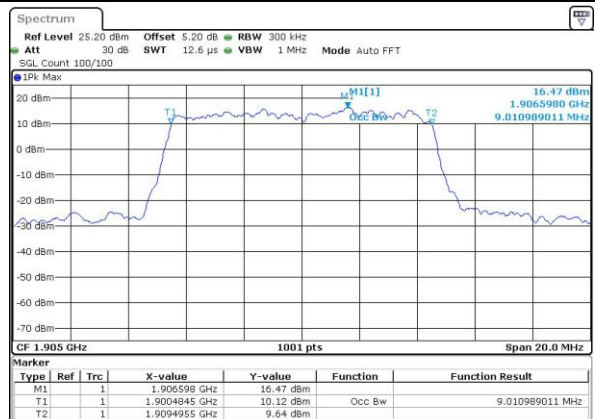
Date: 19 MAR 2019 10:28:31

Highest Channel / 10MHz / QPSK



Date: 19 MAR 2019 10:29:44

Highest Channel / 10MHz / 16QAM

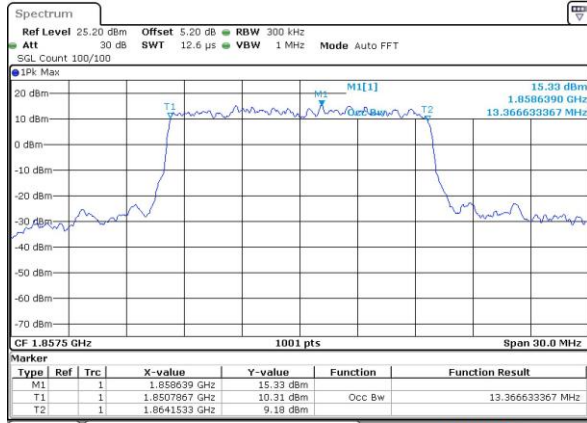


Date: 19 MAR 2019 10:30:12



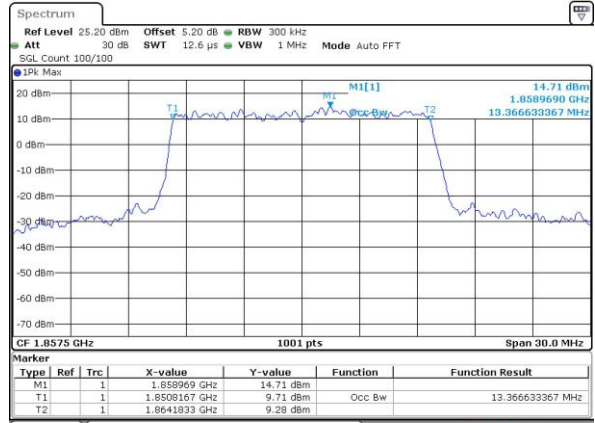
LTE Band 2

Lowest Channel / 15MHz / QPSK



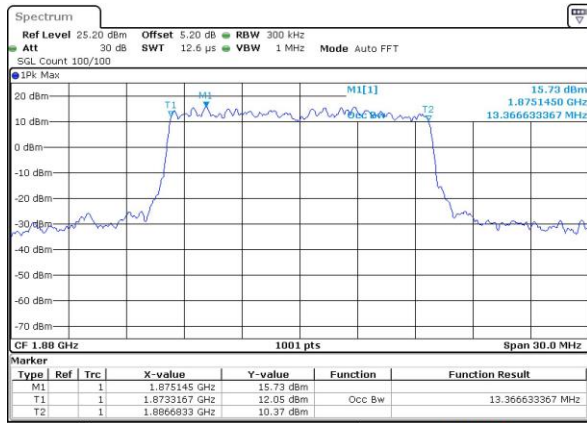
Date: 19 MAR 2019 10:42:42

Lowest Channel / 15MHz / 16QAM



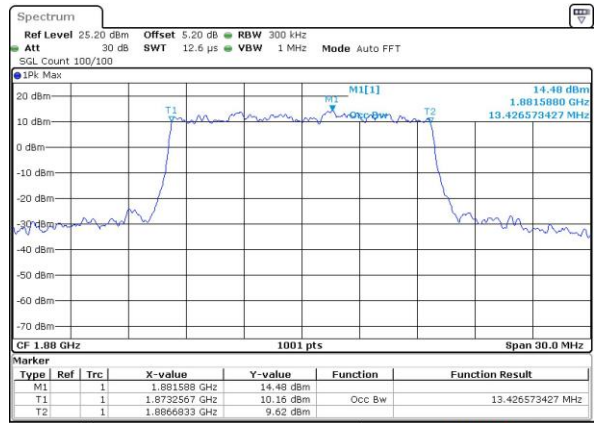
Date: 19 MAR 2019 10:43:10

Middle Channel / 15MHz / QPSK



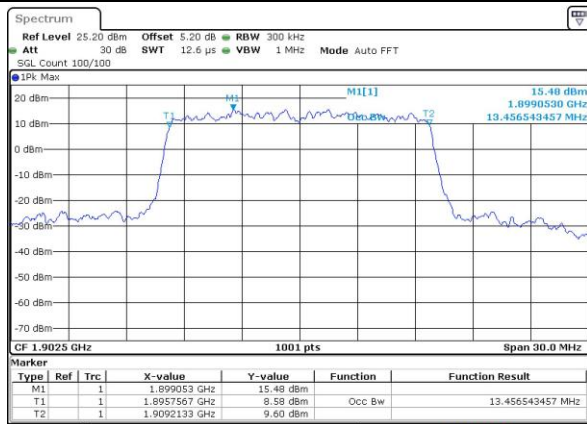
Date: 19 MAR 2019 10:44:12

Middle Channel / 15MHz / 16QAM



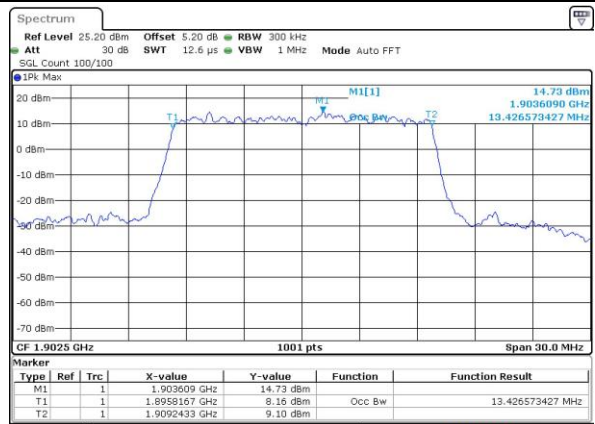
Date: 19 MAR 2019 10:44:39

Highest Channel / 15MHz / QPSK



Date: 19 MAR 2019 10:45:41

Highest Channel / 15MHz / 16QAM

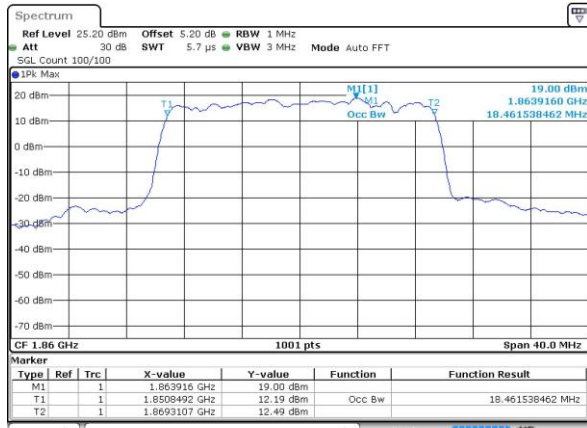


Date: 19 MAR 2019 10:46:09



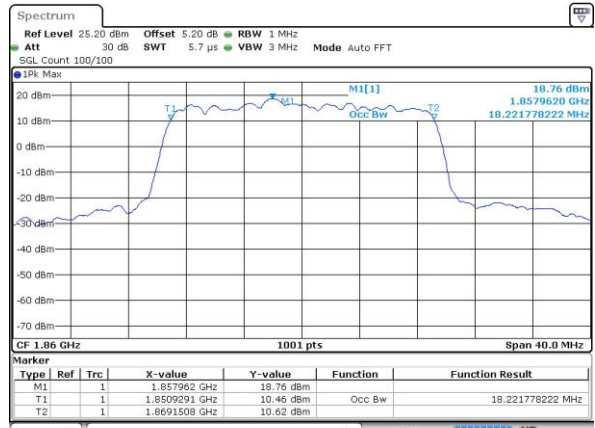
LTE Band 2

Lowest Channel / 20MHz / QPSK



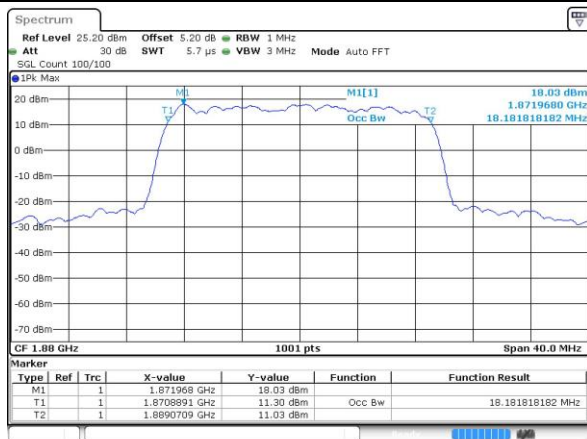
Date: 19 MAR 2019 10:57:28

Lowest Channel / 20MHz / 16QAM



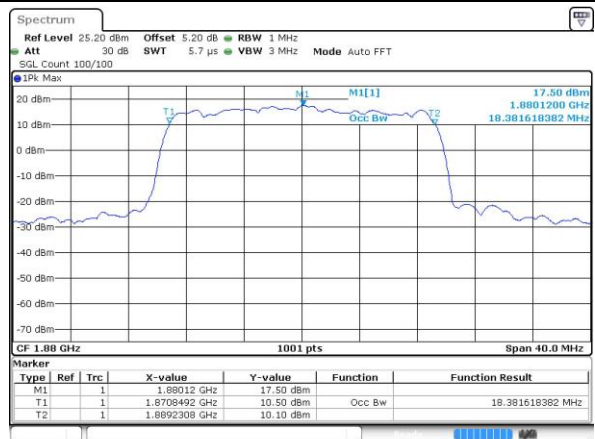
Date: 19 MAR 2019 10:57:57

Middle Channel / 20MHz / QPSK



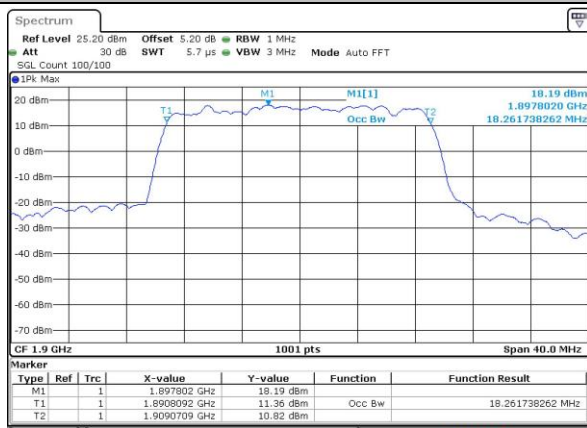
Date: 19 MAR 2019 10:59:53

Middle Channel / 20MHz / 16QAM



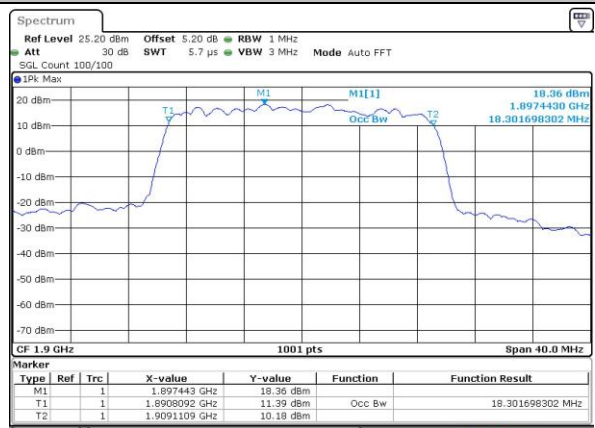
Date: 19 MAR 2019 10:59:25

Highest Channel / 20MHz / QPSK



Date: 19 MAR 2019 11:00:24

Highest Channel / 20MHz / 16QAM

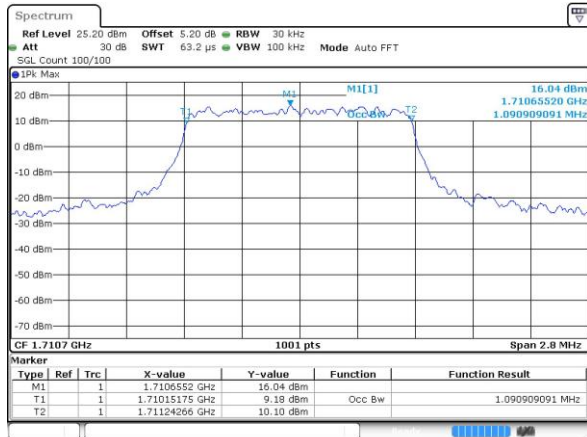


Date: 19 MAR 2019 11:00:53

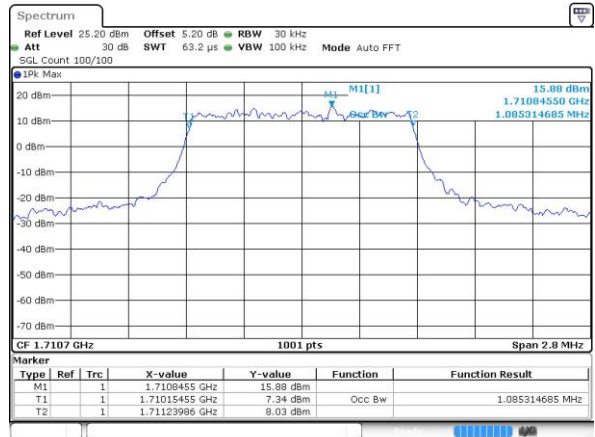


LTE Band 4

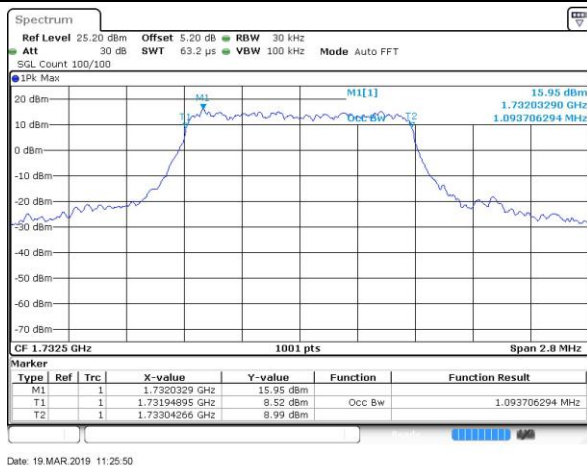
Lowest Channel / 1.4MHz / QPSK



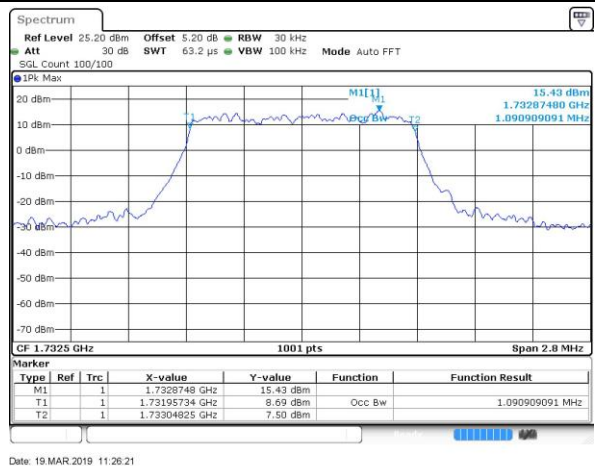
Lowest Channel / 1.4MHz / 16QAM



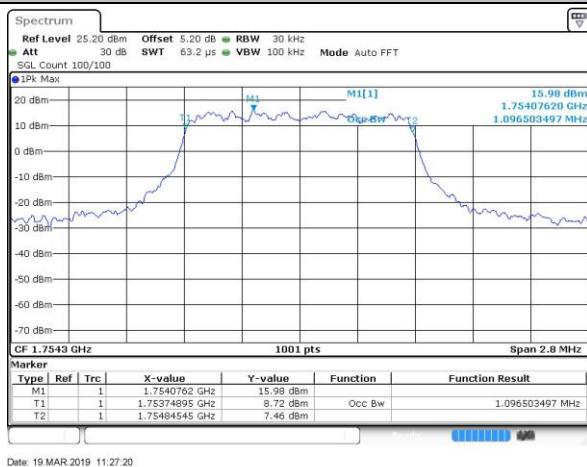
Middle Channel / 1.4MHz / QPSK



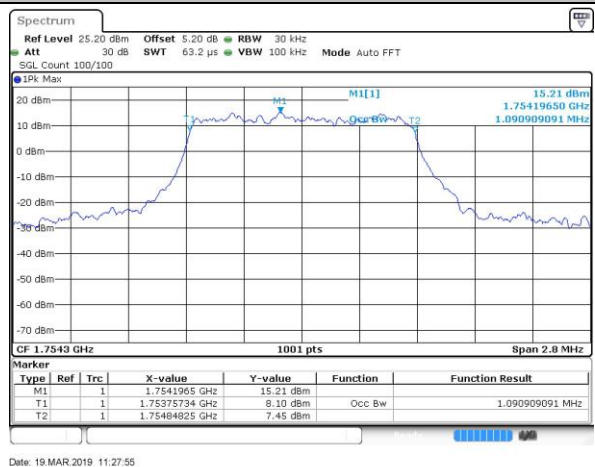
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



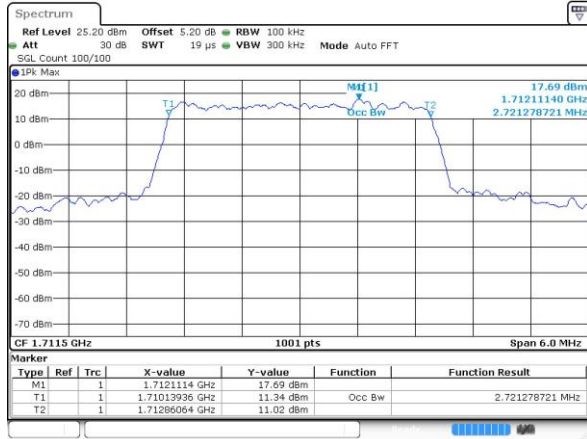
Highest Channel / 1.4MHz / 16QAM



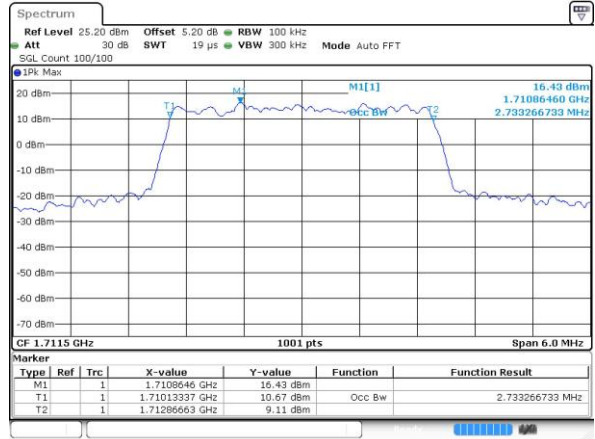


LTE Band 4

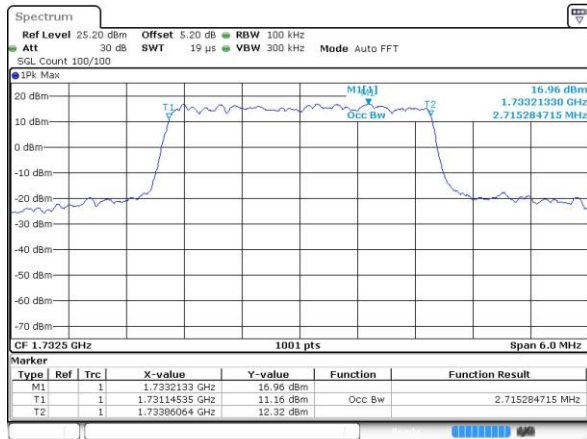
Lowest Channel / 3MHz / QPSK



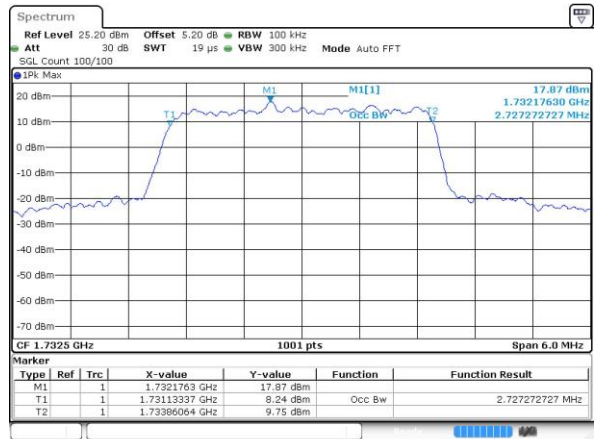
Lowest Channel / 3MHz / 16QAM



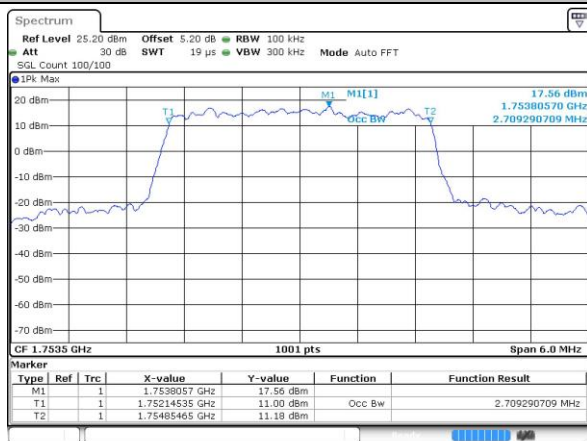
Middle Channel / 3MHz / QPSK



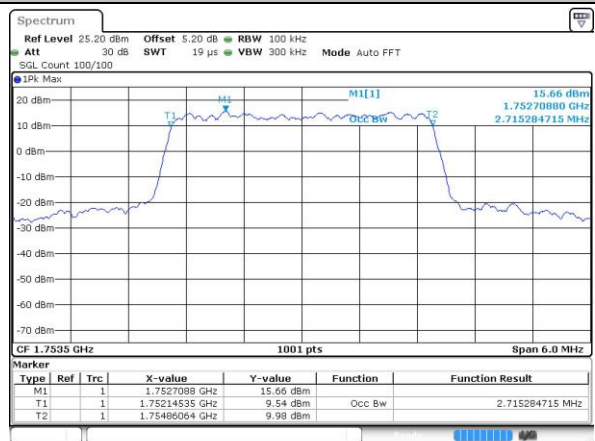
Middle Channel / 3MHz / 16QAM



Highest Channel / 3MHz / QPSK



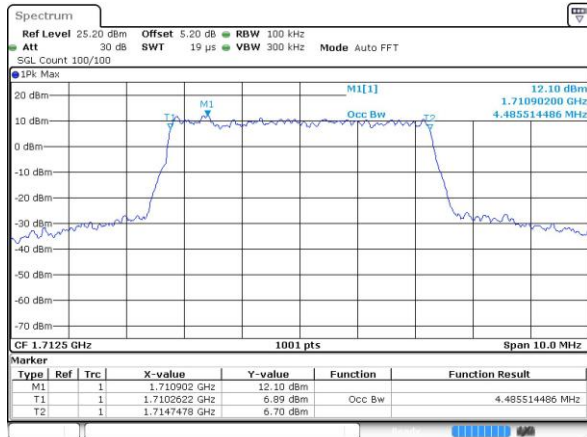
Highest Channel / 3MHz / 16QAM



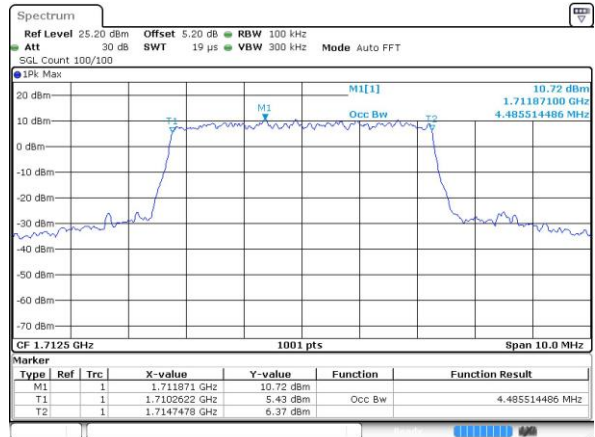


LTE Band 4

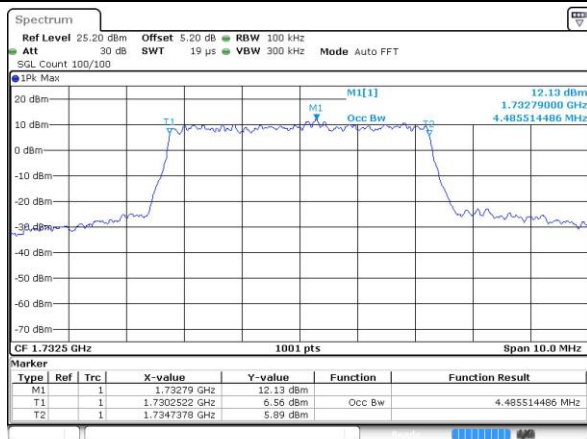
Lowest Channel / 5MHz / QPSK



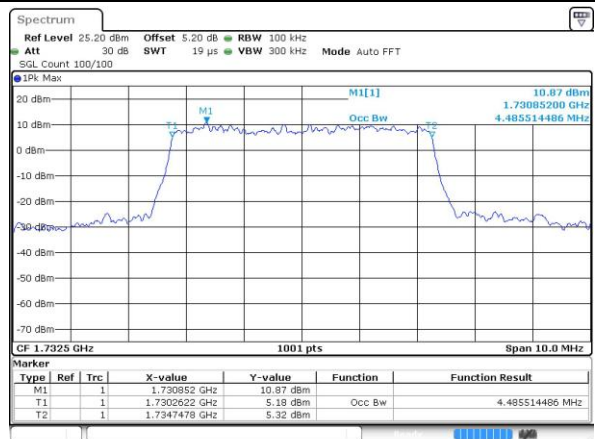
Lowest Channel / 5MHz / 16QAM



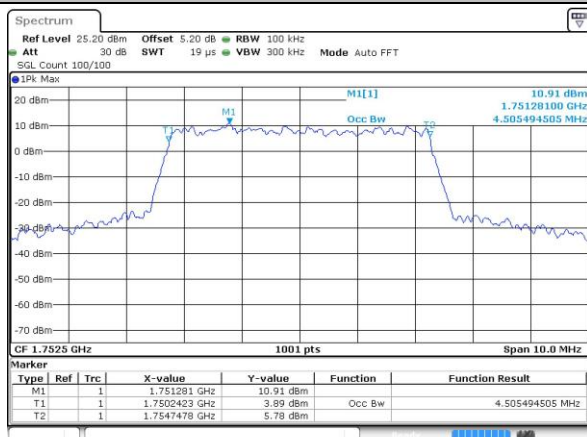
Middle Channel / 5MHz / QPSK



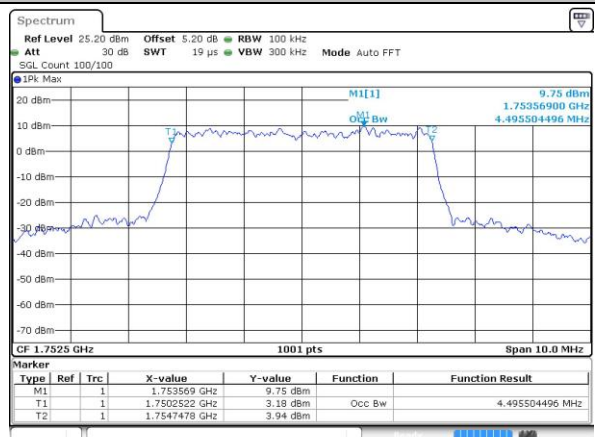
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



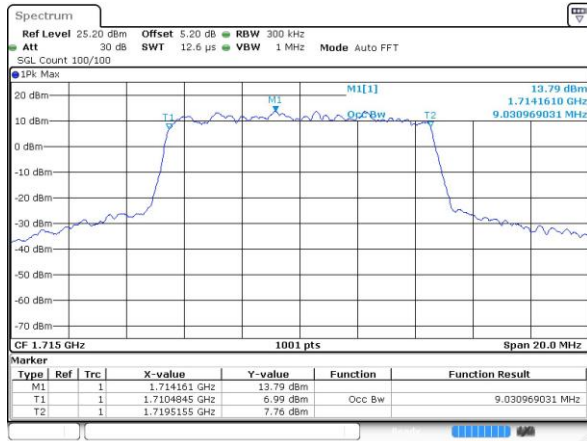
Highest Channel / 5MHz / 16QAM



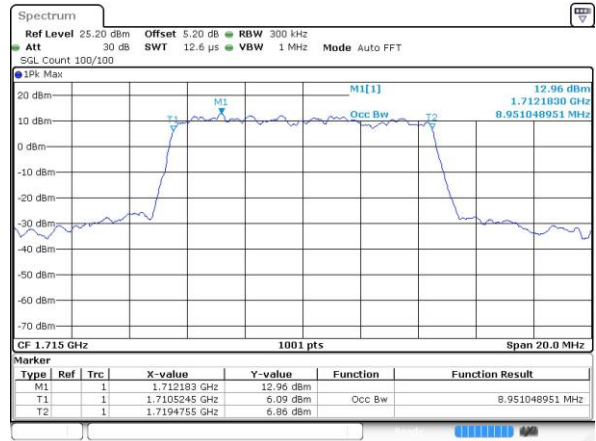


LTE Band 4

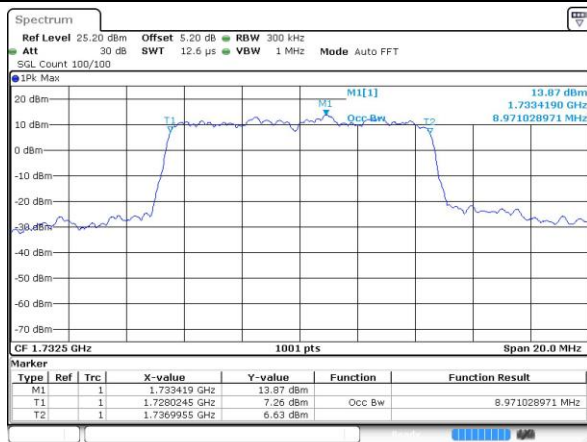
Lowest Channel / 10MHz / QPSK



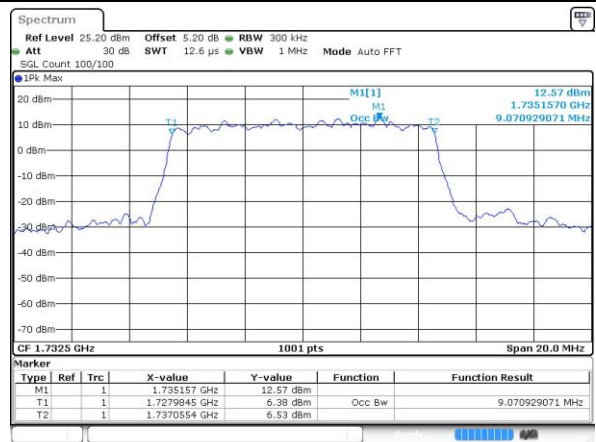
Lowest Channel / 10MHz / 16QAM



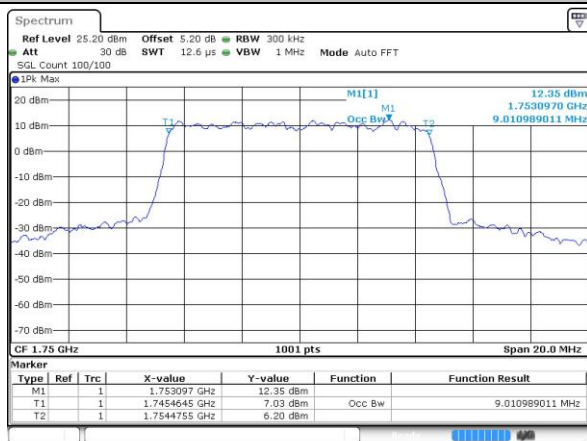
Middle Channel / 10MHz / QPSK



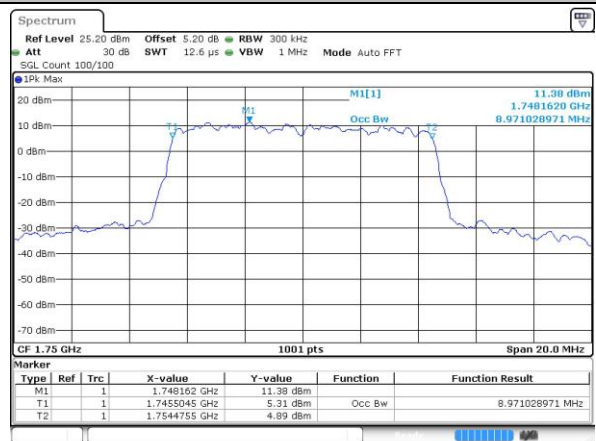
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



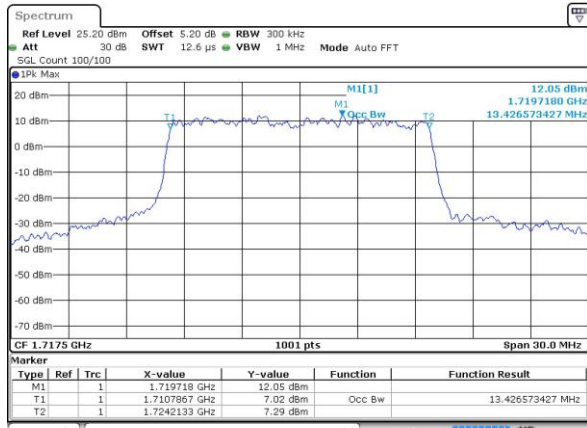
Highest Channel / 10MHz / 16QAM





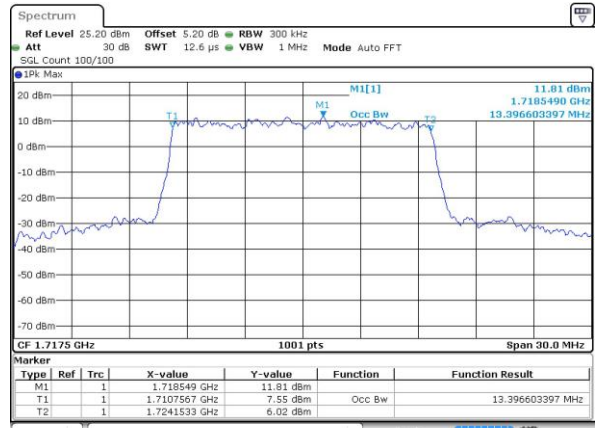
LTE Band 4

Lowest Channel / 15MHz / QPSK



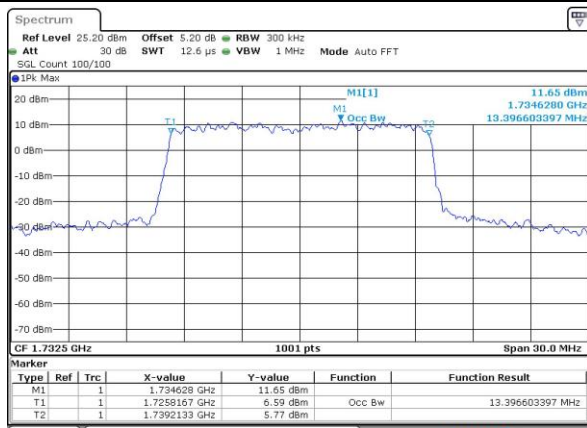
Date: 4 APR 2019 03:30:34

Lowest Channel / 15MHz / 16QAM



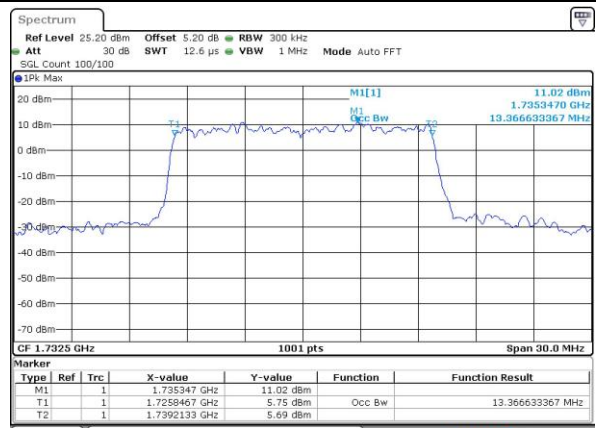
Date: 4 APR 2019 03:30:57

Middle Channel / 15MHz / QPSK



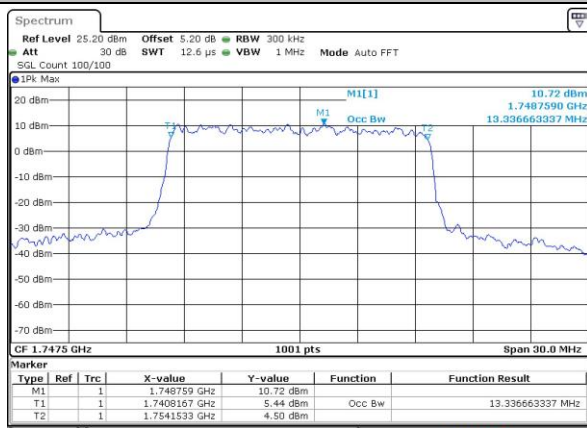
Date: 4 APR 2019 03:31:44

Middle Channel / 15MHz / 16QAM



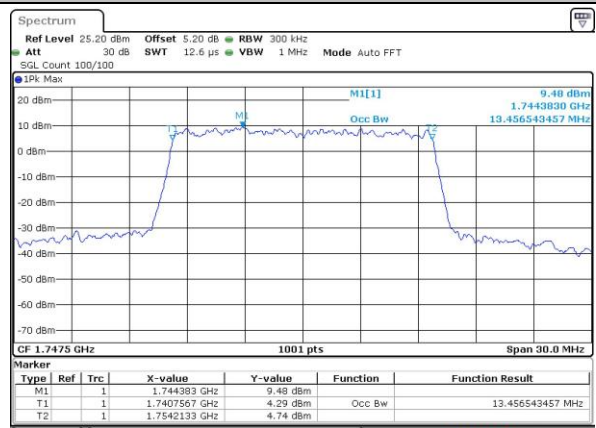
Date: 4 APR 2019 03:32:07

Highest Channel / 15MHz / QPSK



Date: 4 APR 2019 03:32:56

Highest Channel / 15MHz / 16QAM



Date: 4 APR 2019 03:33:18