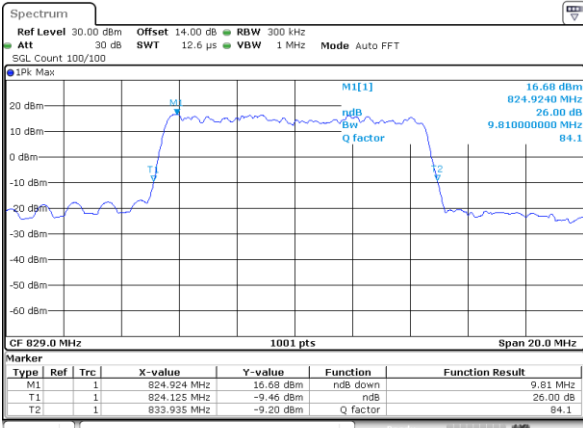




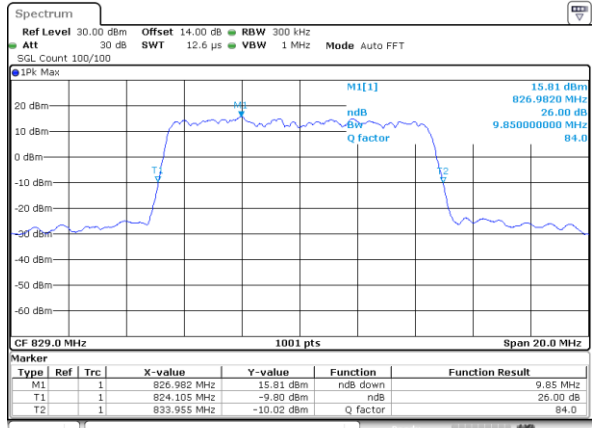
LTE Band 26

Lowest Channel / 10MHz / QPSK



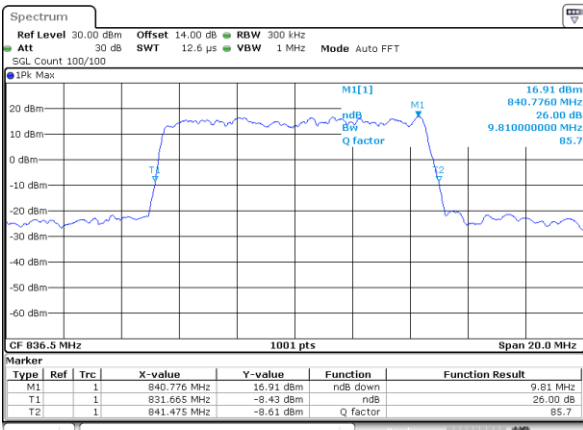
Date: 19_MAY.2019 10:19:49

Lowest Channel / 10MHz / 16QAM



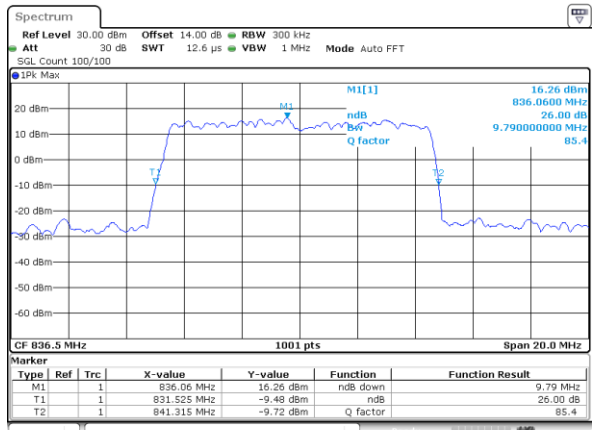
Date: 19_MAY.2019 10:19:59

Middle Channel / 10MHz / QPSK



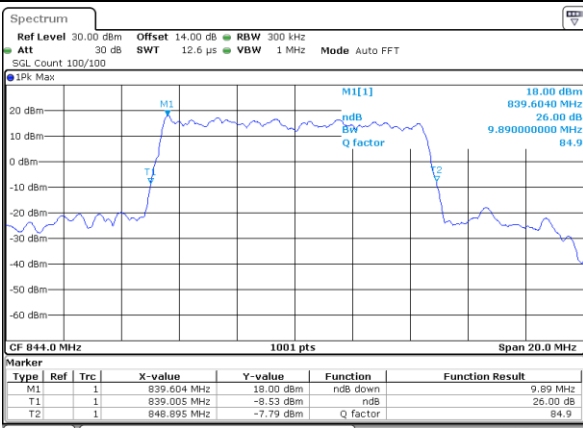
Date: 19_MAY.2019 10:20:29

Middle Channel / 10MHz / 16QAM



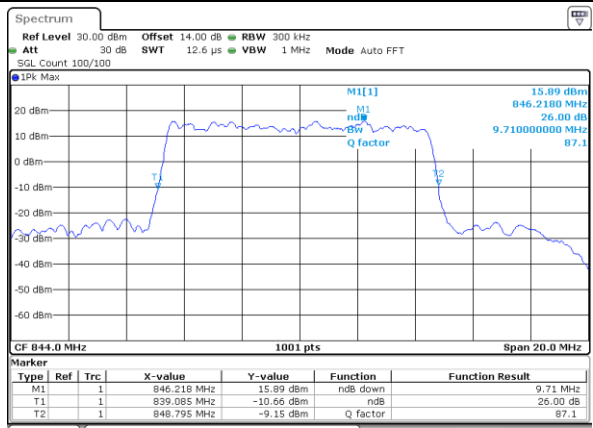
Date: 19_MAY.2019 10:20:39

Highest Channel / 10MHz / QPSK



Date: 19_MAY.2019 10:21:10

Highest Channel / 10MHz / 16QAM

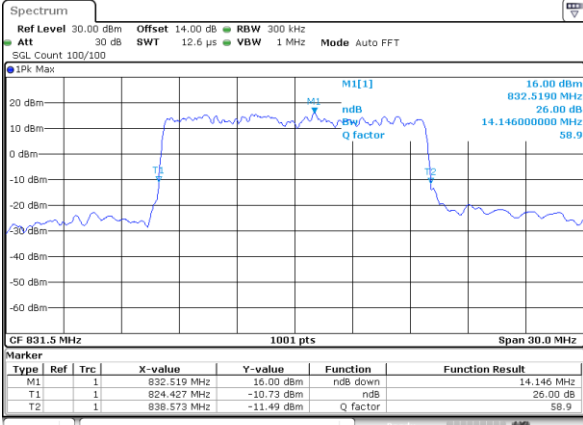


Date: 19_MAY.2019 10:21:20



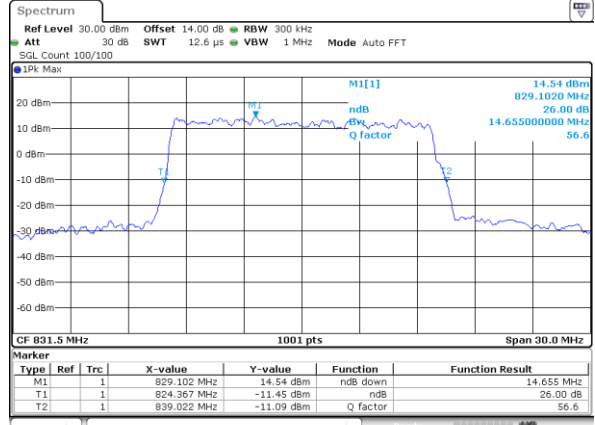
LTE Band 26

Lowest Channel / 15MHz / QPSK



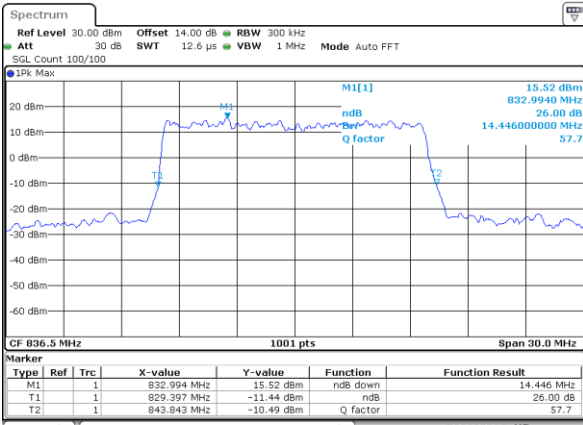
Date: 19_MAY.2019 10:21:50

Lowest Channel / 15MHz / 16QAM



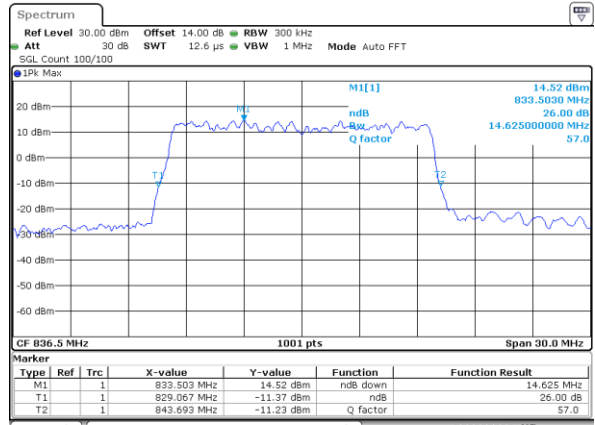
Date: 19_MAY.2019 10:22:00

Middle Channel / 15MHz / QPSK



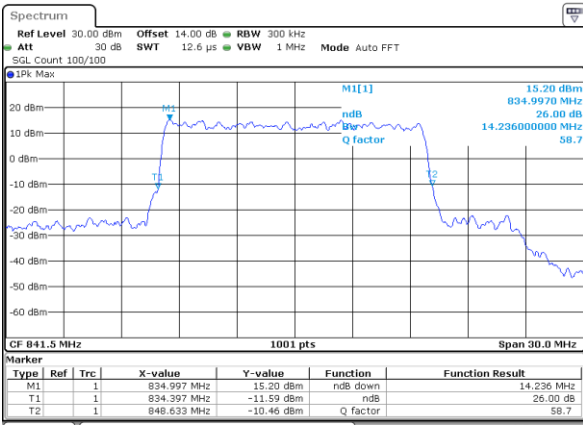
Date: 19_MAY.2019 10:22:30

Middle Channel / 15MHz / 16QAM



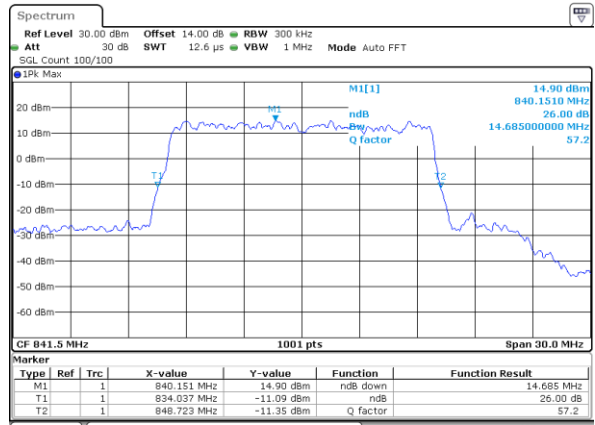
Date: 19_MAY.2019 10:22:40

Highest Channel / 15MHz / QPSK



Date: 19_MAY.2019 10:23:10

Highest Channel / 15MHz / 16QAM

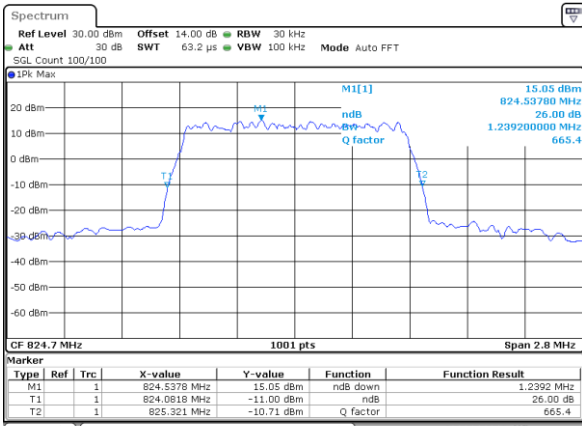


Date: 19_MAY.2019 10:23:20



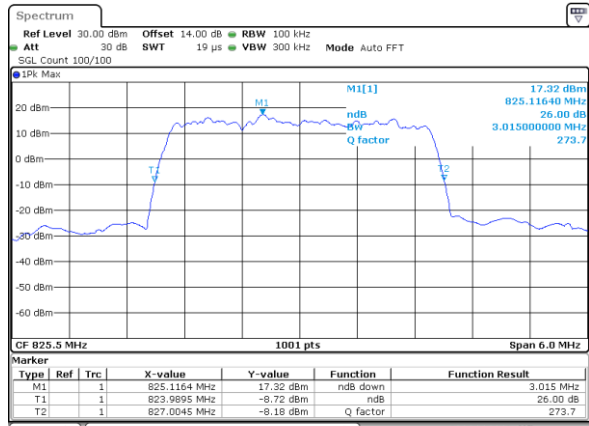
LTE Band 26

Lowest Channel / 1.4MHz / 64QAM



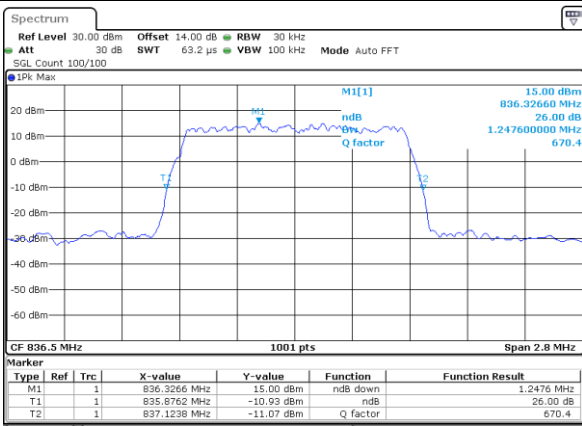
Date: 19_MAY.2019 11:52:58

Lowest Channel / 3MHz / 64QAM



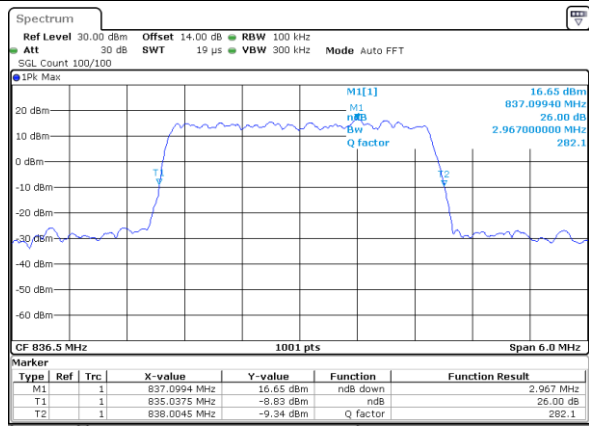
Date: 19_MAY.2019 11:53:58

Middle Channel / 1.4MHz / 64QAM



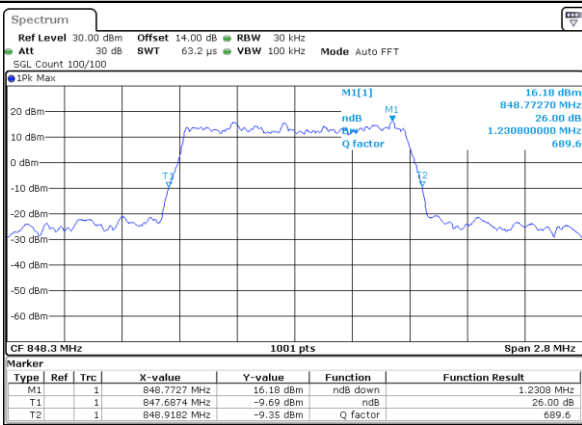
Date: 19_MAY.2019 11:53:18

Middle Channel / 3MHz / 64QAM



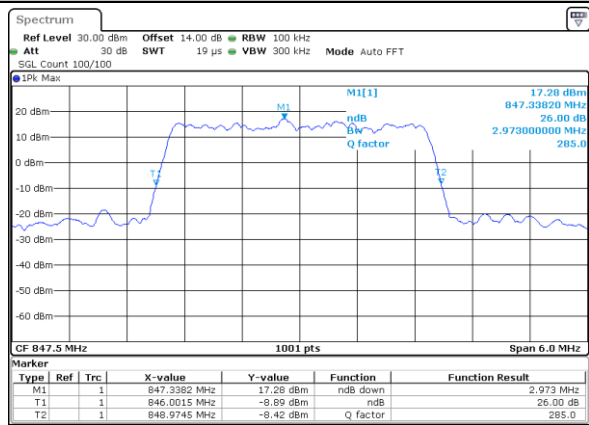
Date: 19_MAY.2019 11:54:18

Highest Channel / 1.4MHz / 64QAM



Date: 19_MAY.2019 11:53:38

Highest Channel / 3MHz / 64QAM

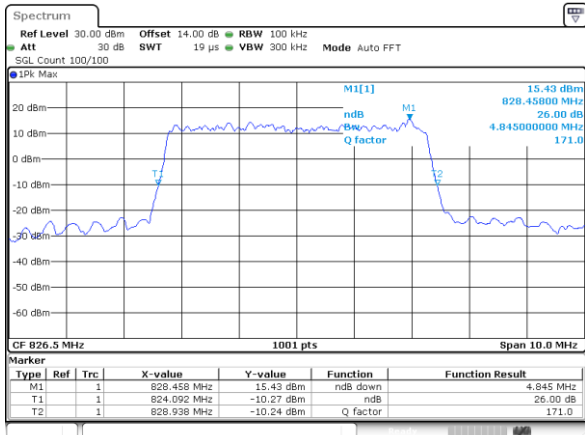


Date: 19_MAY.2019 11:54:39



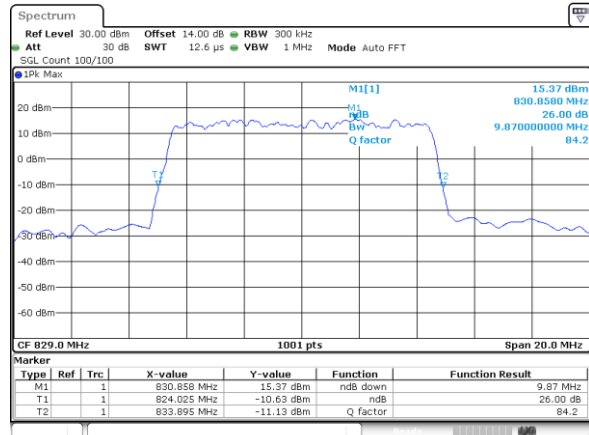
LTE Band 26

Lowest Channel / 5MHz / 64QAM



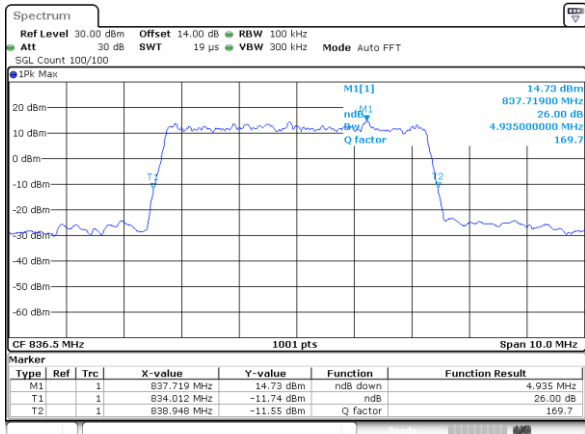
Date: 19_MAY_2019 11:54:59

Lowest Channel / 10MHz / 64QAM



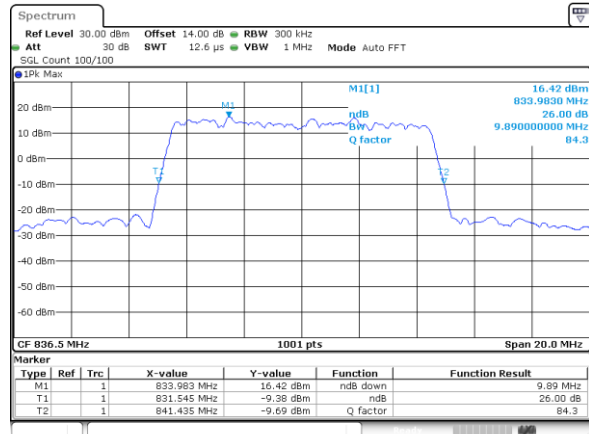
Date: 19_MAY_2019 11:55:59

Middle Channel / 5MHz / 64QAM



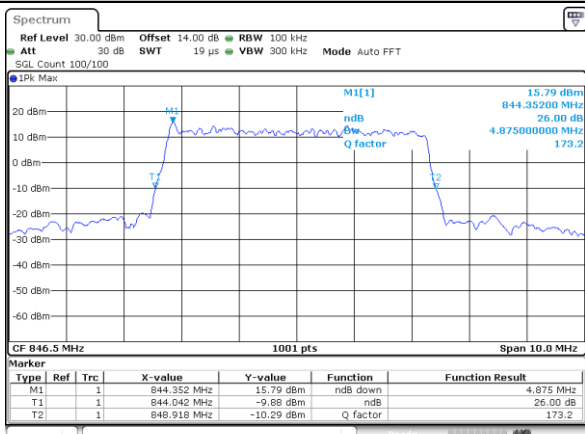
Date: 19_MAY_2019 11:55:19

Middle Channel / 10MHz / 64QAM



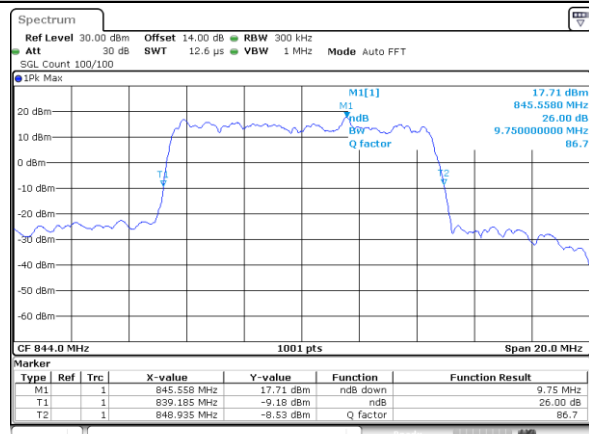
Date: 19_MAY_2019 11:56:19

Highest Channel / 5MHz / 64QAM



Date: 19_MAY_2019 11:55:39

Highest Channel / 10MHz / 64QAM

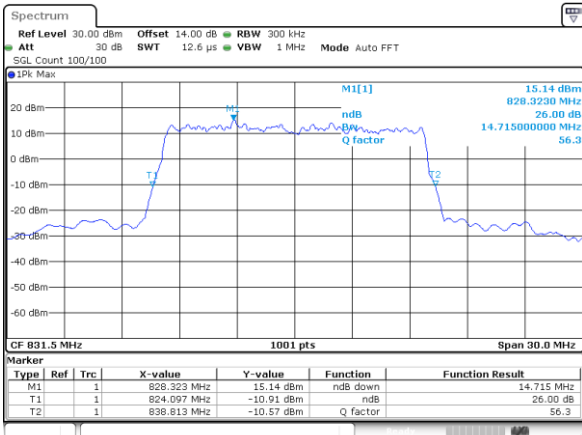


Date: 19_MAY_2019 11:56:40



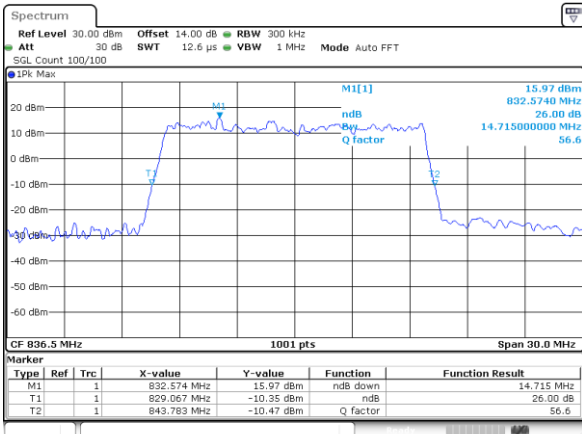
LTE Band 26

Lowest Channel / 15MHz / 64QAM



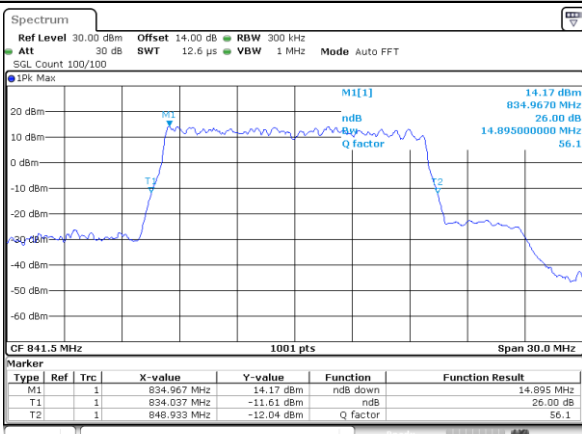
Date: 19_MAY_2019 12:00:07

Middle Channel / 15MHz / 64QAM



Date: 19_MAY_2019 12:00:28

Highest Channel / 15MHz / 64QAM

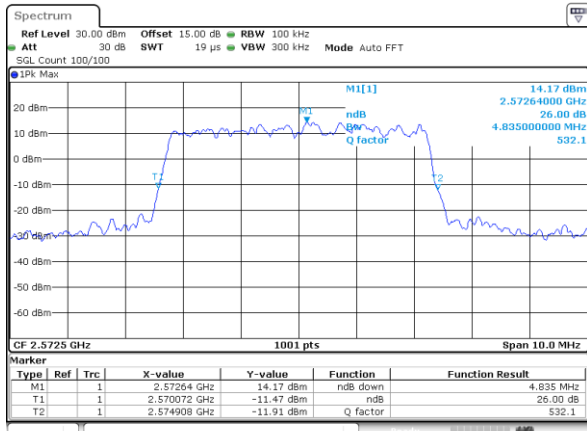


Date: 19_MAY_2019 12:00:48



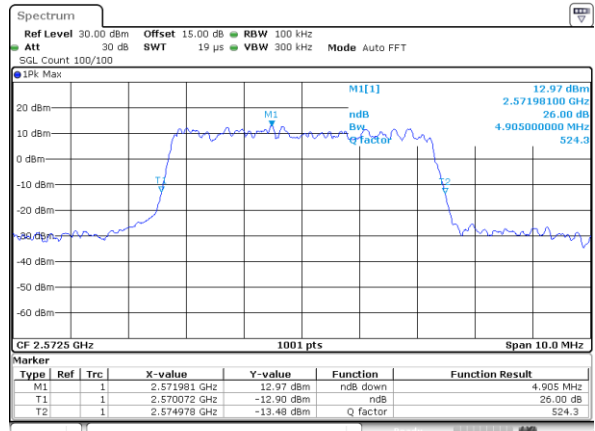
LTE Band 38

Lowest Channel / 5MHz / QPSK



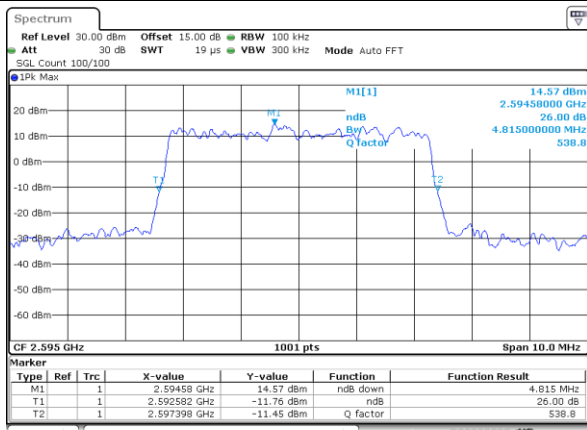
Date: 21.MAY.2019 19:15:35

Lowest Channel / 5MHz / 16QAM



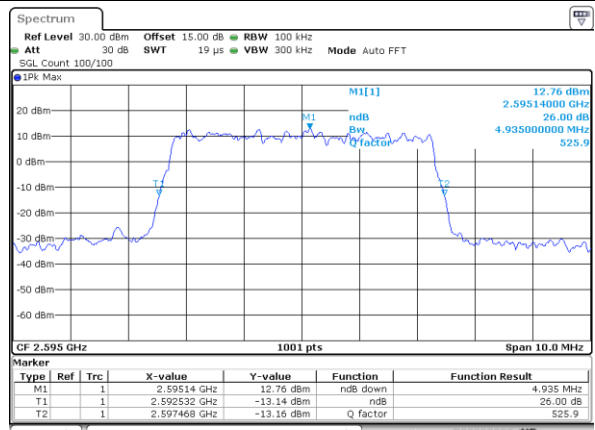
Date: 21.MAY.2019 19:15:45

Middle Channel / 5MHz / QPSK



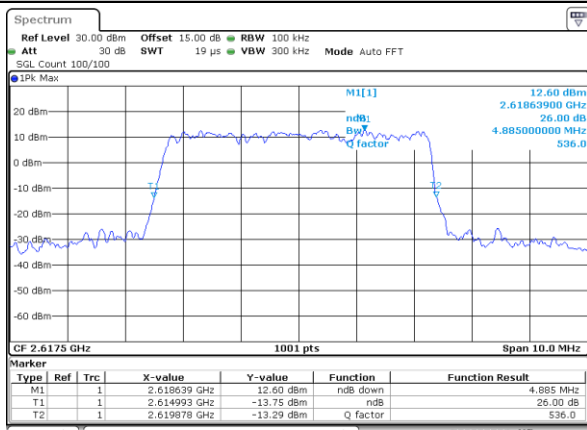
Date: 21.MAY.2019 19:16:16

Middle Channel / 5MHz / 16QAM



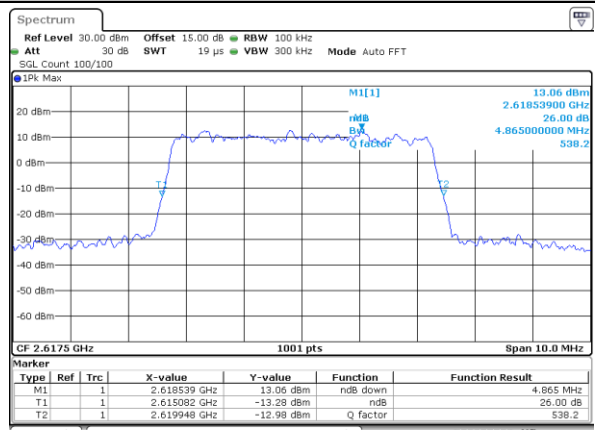
Date: 21.MAY.2019 19:16:26

Highest Channel / 5MHz / QPSK



Date: 21.MAY.2019 19:16:56

Highest Channel / 5MHz / 16QAM

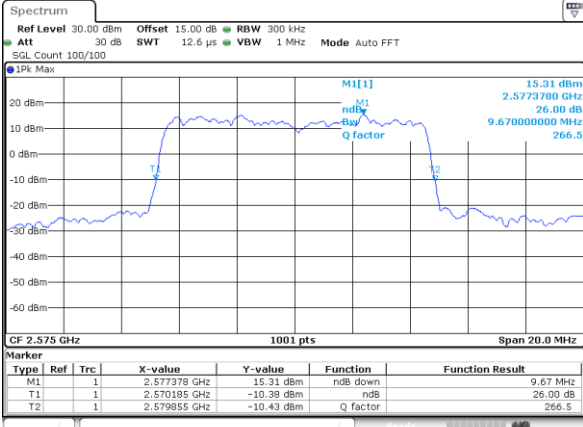


Date: 21.MAY.2019 19:17:06



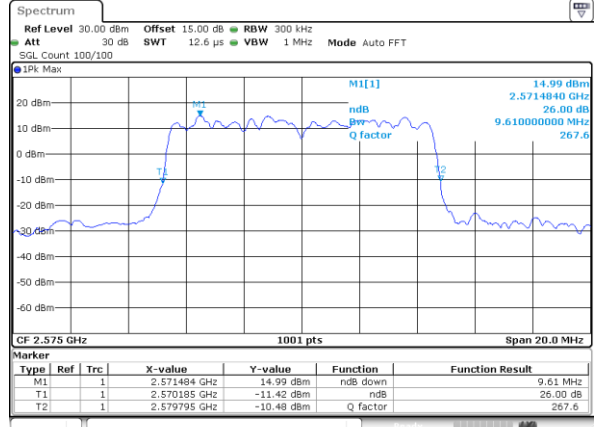
LTE Band 38

Lowest Channel / 10MHz / QPSK



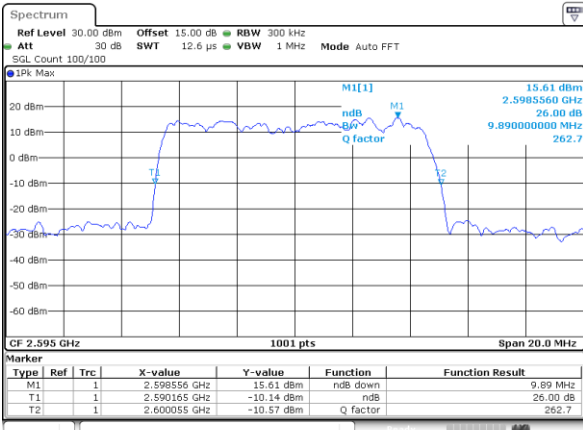
Date: 21.MAY.2019 19:17:36

Lowest Channel / 10MHz / 16QAM



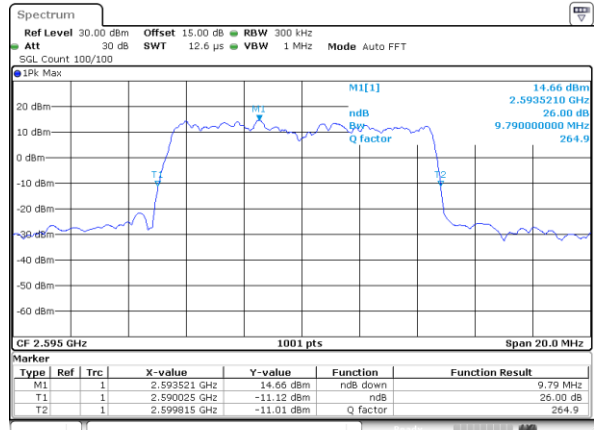
Date: 21.MAY.2019 19:17:46

Middle Channel / 10MHz / QPSK



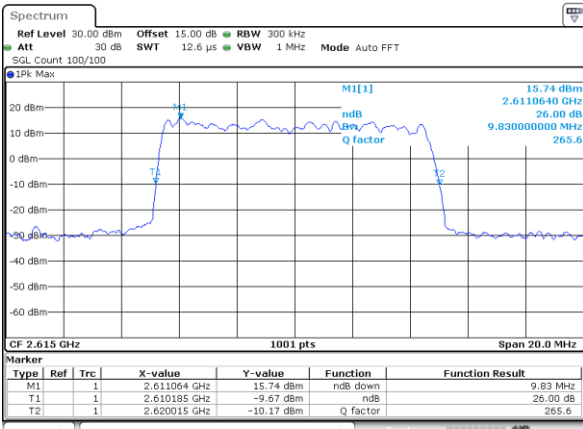
Date: 21.MAY.2019 19:18:17

Middle Channel / 10MHz / 16QAM



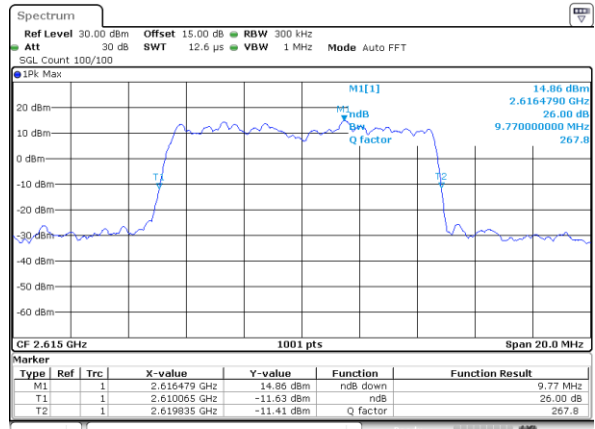
Date: 21.MAY.2019 19:18:27

Highest Channel / 10MHz / QPSK



Date: 21.MAY.2019 19:18:57

Highest Channel / 10MHz / 16QAM

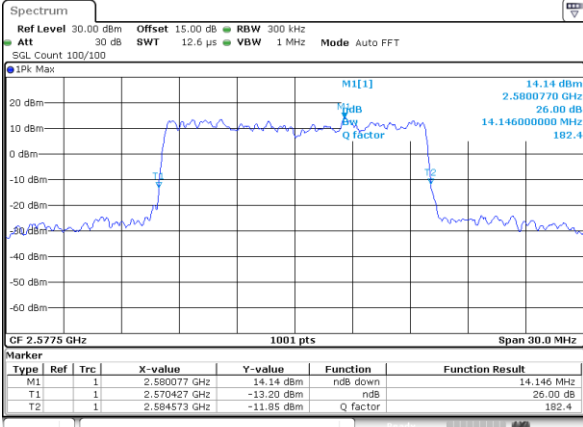


Date: 21.MAY.2019 19:19:07



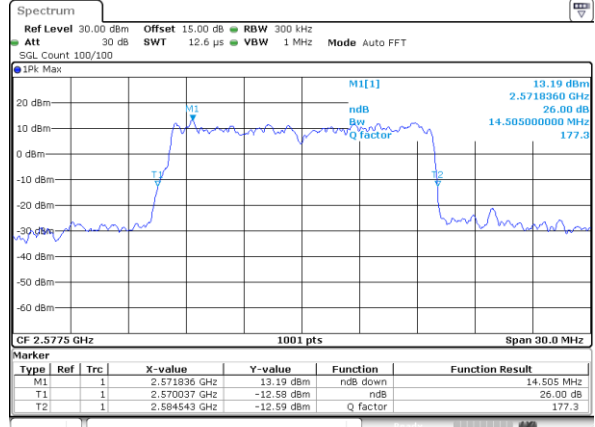
LTE Band 38

Lowest Channel / 15MHz / QPSK



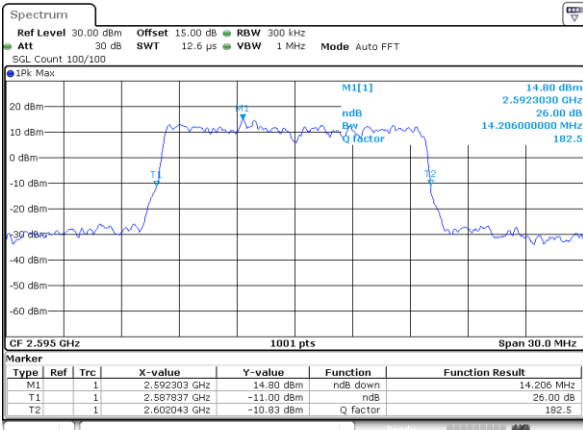
Date: 21.MAY.2019 19:19:37

Lowest Channel / 15MHz / 16QAM



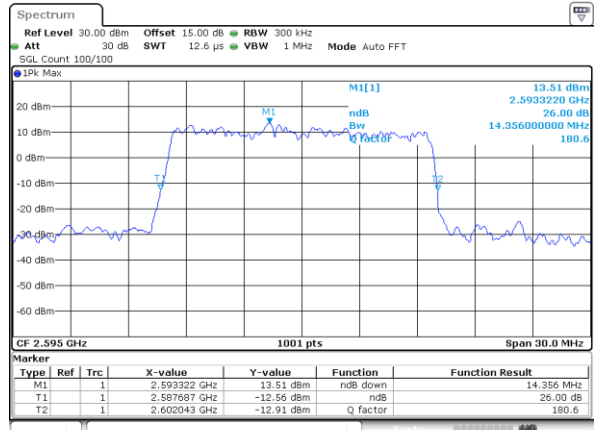
Date: 21.MAY.2019 21:58:43

Middle Channel / 15MHz / QPSK



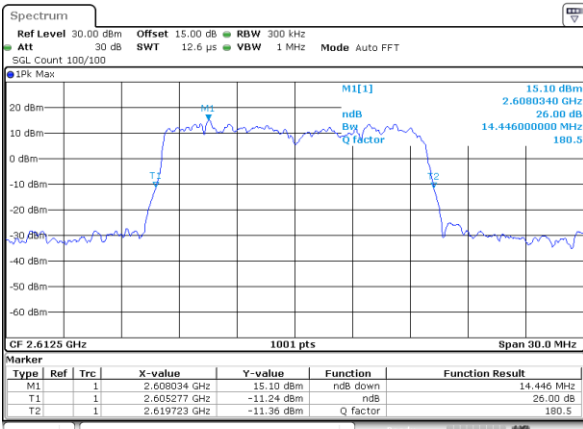
Date: 21.MAY.2019 19:20:47

Middle Channel / 15MHz / 16QAM



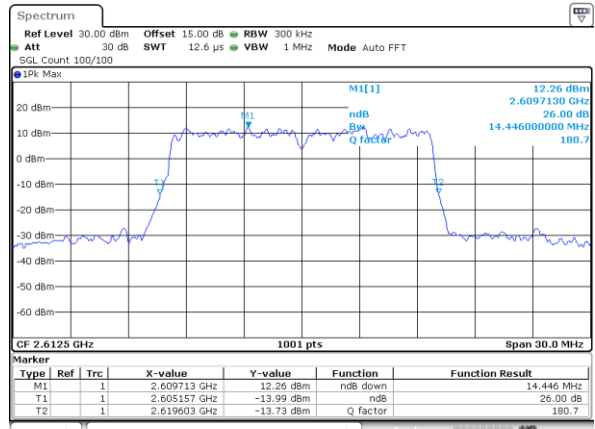
Date: 21.MAY.2019 19:20:57

Highest Channel / 15MHz / QPSK



Date: 21.MAY.2019 19:21:27

Highest Channel / 15MHz / 16QAM

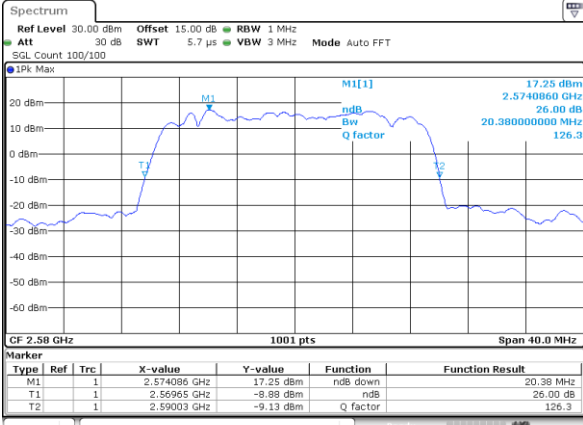


Date: 21.MAY.2019 19:21:37



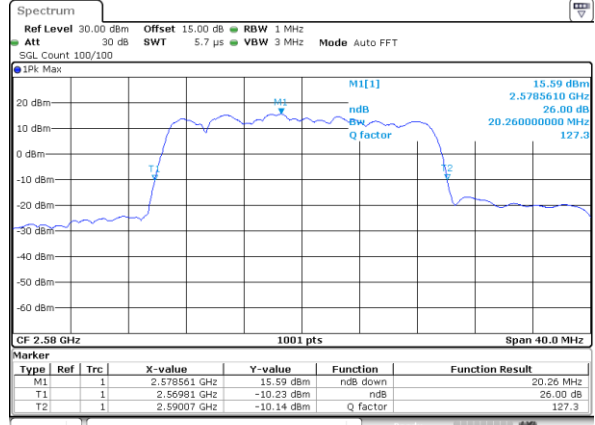
LTE Band 38

Lowest Channel / 20MHz / QPSK



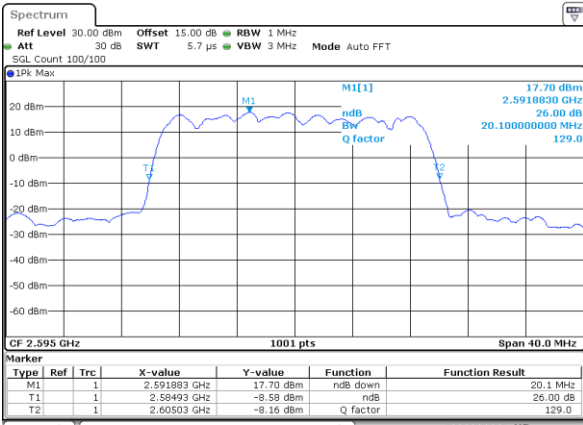
Date: 21.MAY.2019 19:22:08

Lowest Channel / 20MHz / 16QAM



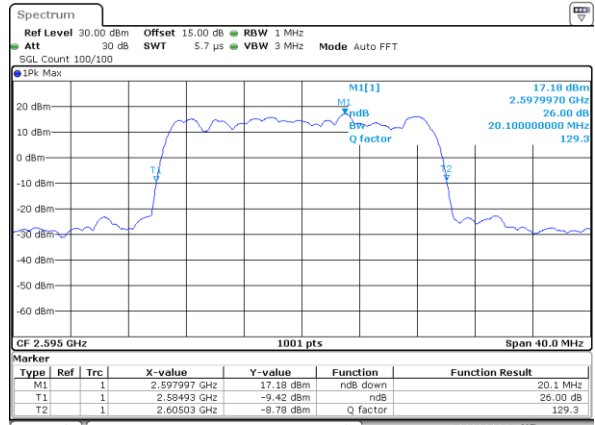
Date: 21.MAY.2019 19:22:18

Middle Channel / 20MHz / QPSK



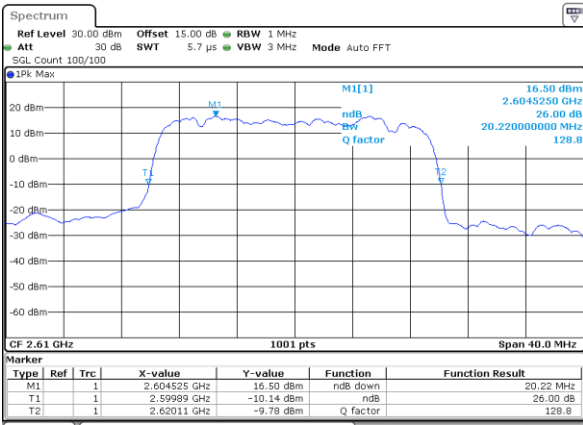
Date: 21.MAY.2019 19:22:48

Middle Channel / 20MHz / 16QAM



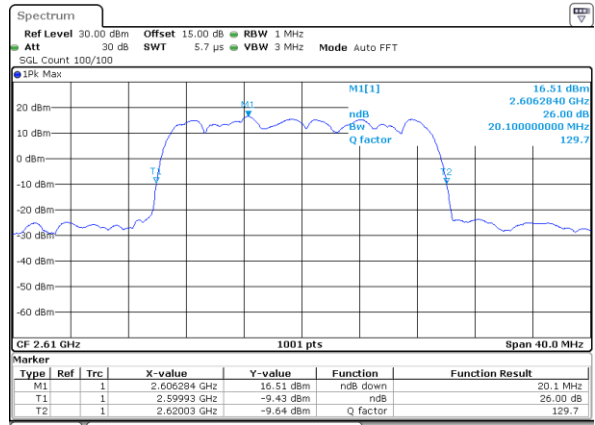
Date: 21.MAY.2019 19:22:58

Highest Channel / 20MHz / QPSK



Date: 21.MAY.2019 19:23:28

Highest Channel / 20MHz / 16QAM

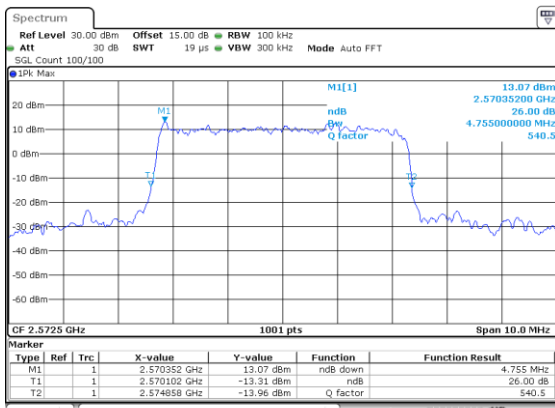


Date: 21.MAY.2019 19:23:38

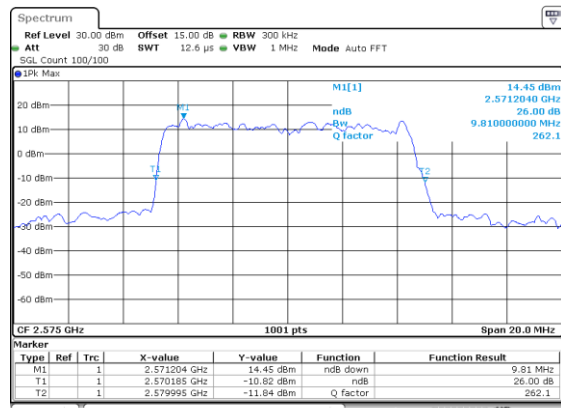


LTE Band 38

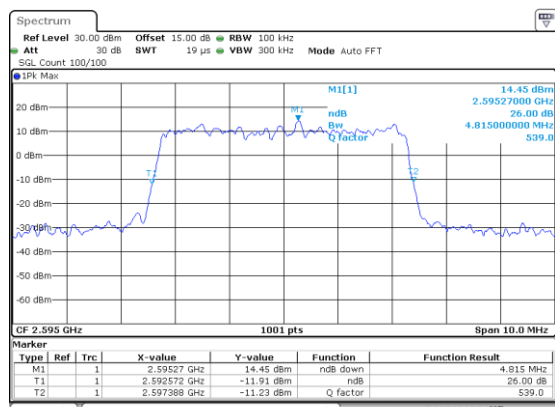
Lowest Channel / 5MHz / 64QAM



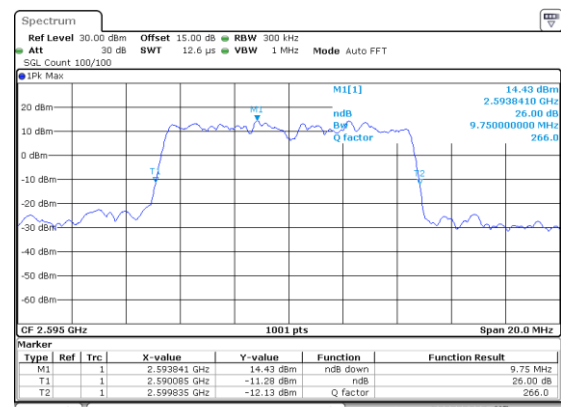
Lowest Channel / 10MHz / 64QAM



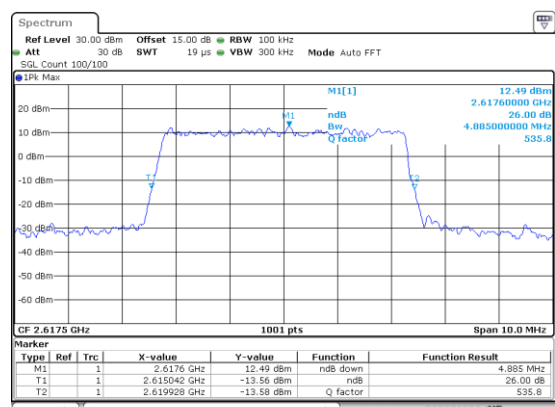
Middle Channel / 5MHz / 64QAM



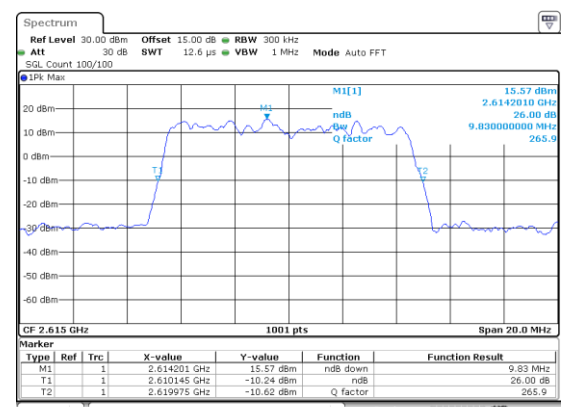
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



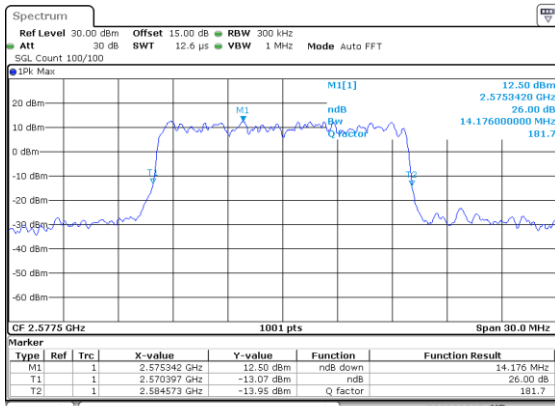
Highest Channel / 10MHz / 64QAM



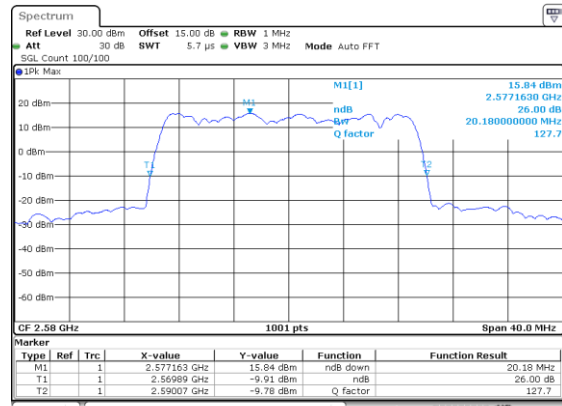


LTE Band 38

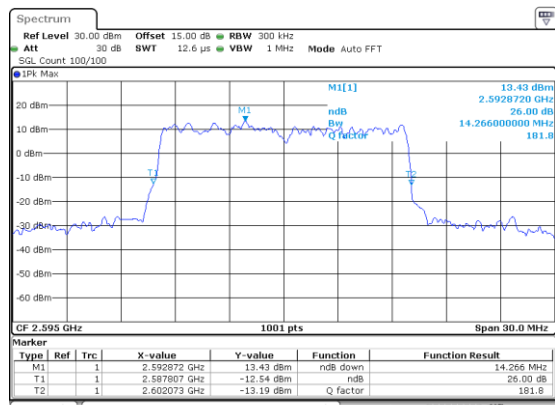
Lowest Channel / 15MHz / 64QAM



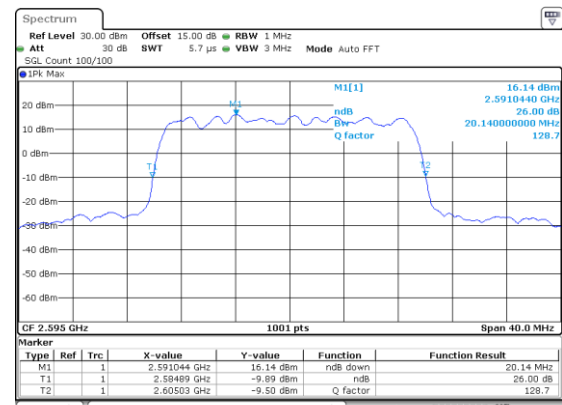
Lowest Channel / 20MHz / 64QAM



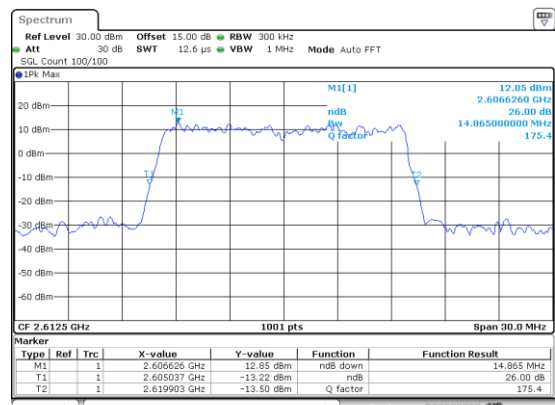
Middle Channel / 15MHz / 64QAM



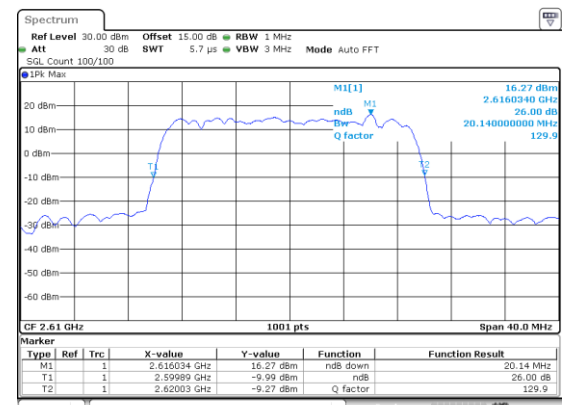
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM



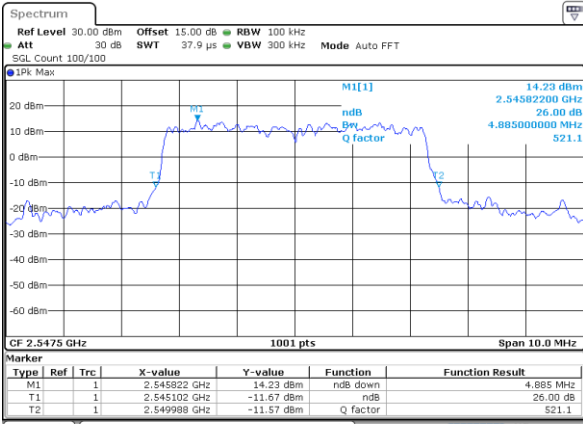
Highest Channel / 20MHz / 64QAM





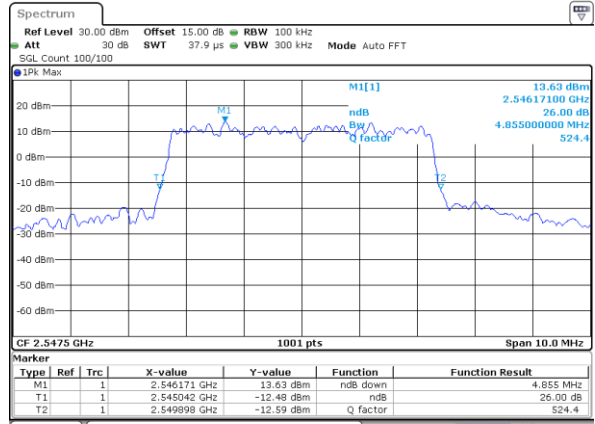
LTE Band 41

Lowest Channel / 5MHz / QPSK



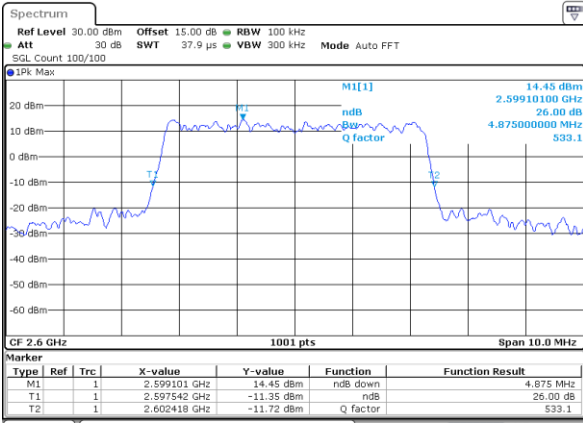
Date: 22 MAY 2019 15:15:26

Lowest Channel / 5MHz / 16QAM



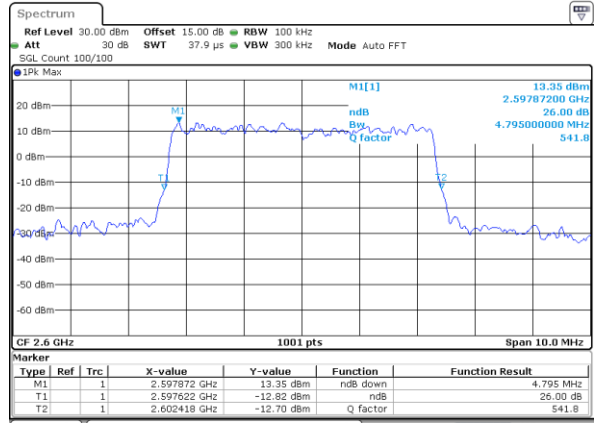
Date: 22 MAY 2019 15:15:47

Middle Channel / 5MHz / QPSK



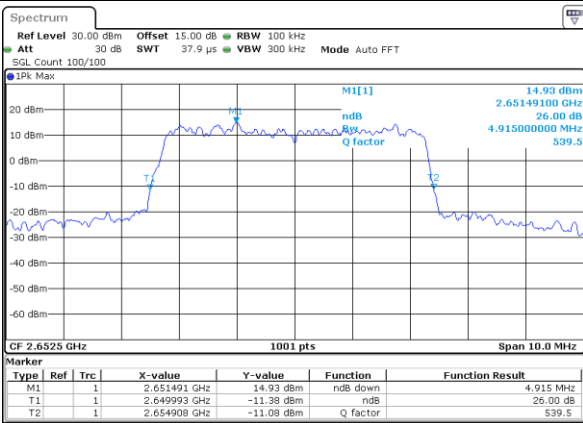
Date: 22 MAY 2019 15:16:28

Middle Channel / 5MHz / 16QAM



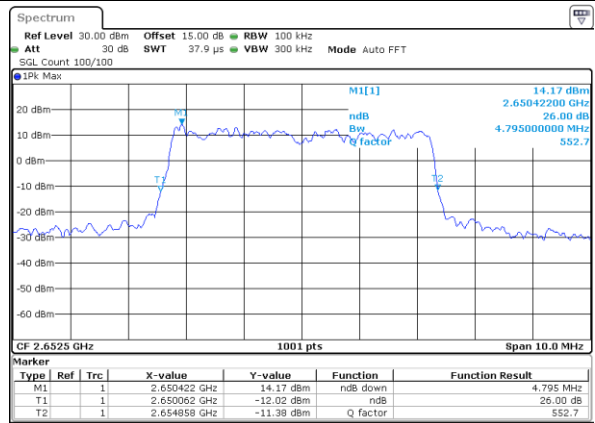
Date: 22 MAY 2019 15:16:48

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2019 15:17:29

Highest Channel / 5MHz / 16QAM

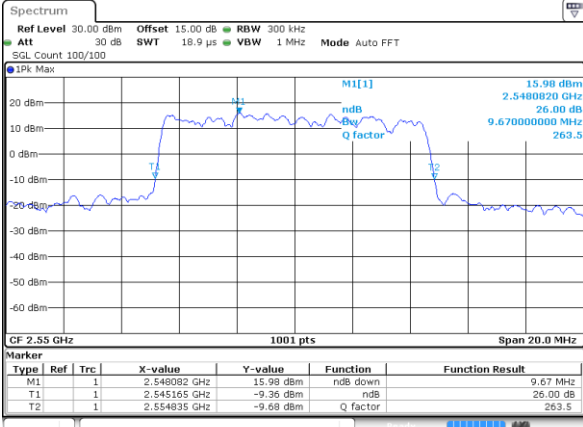


Date: 22 MAY 2019 15:17:49



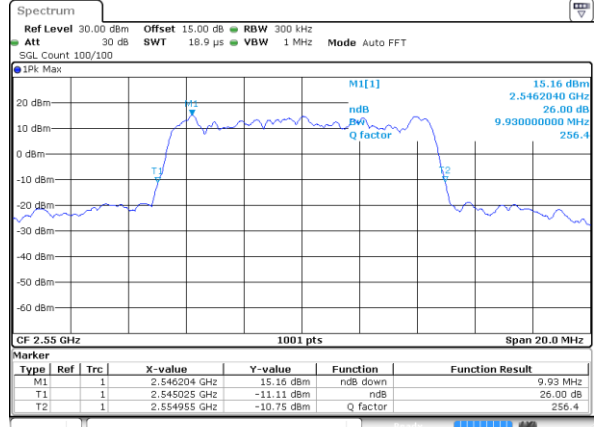
LTE Band 41

Lowest Channel / 10MHz / QPSK



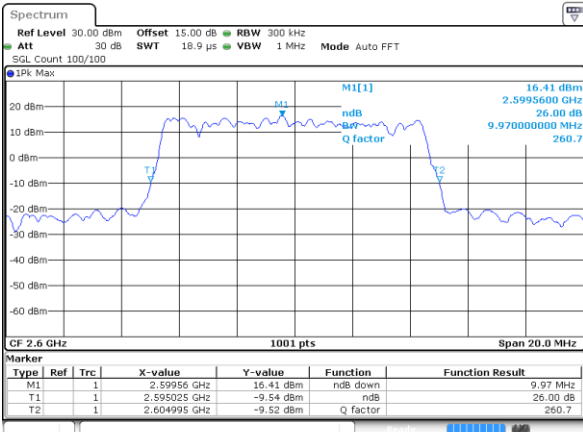
Date: 22 MAY 2019 15:18:30

Lowest Channel / 10MHz / 16QAM



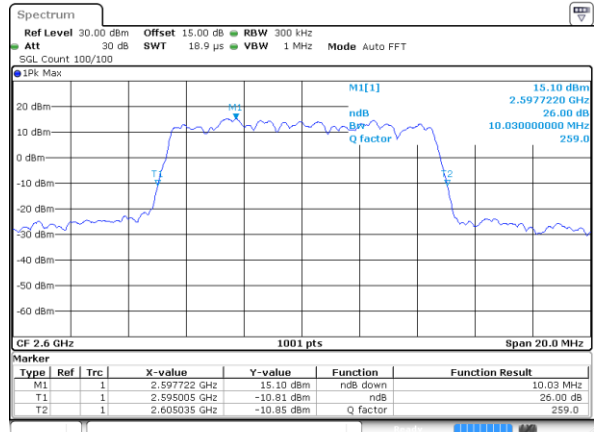
Date: 22 MAY 2019 15:18:50

Middle Channel / 10MHz / QPSK



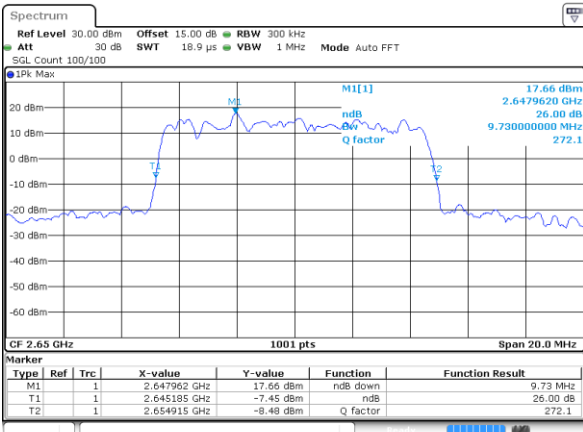
Date: 22 MAY 2019 15:19:31

Middle Channel / 10MHz / 16QAM



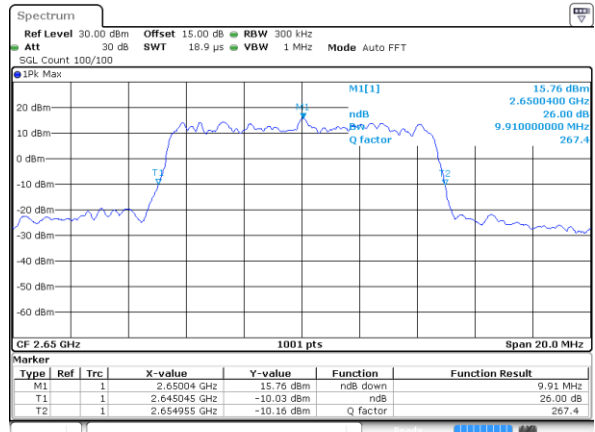
Date: 22 MAY 2019 15:19:51

Highest Channel / 10MHz / QPSK



Date: 22 MAY 2019 15:20:32

Highest Channel / 10MHz / 16QAM

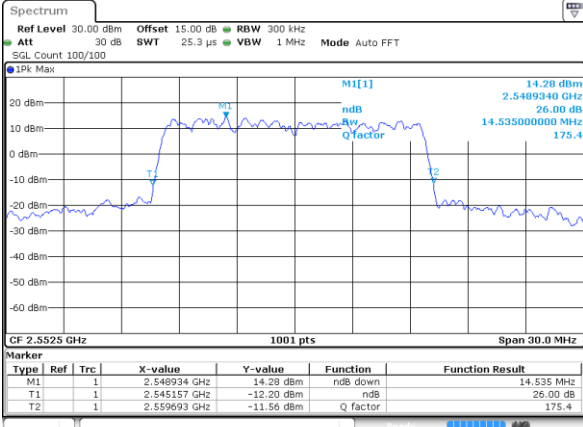


Date: 22 MAY 2019 15:20:52



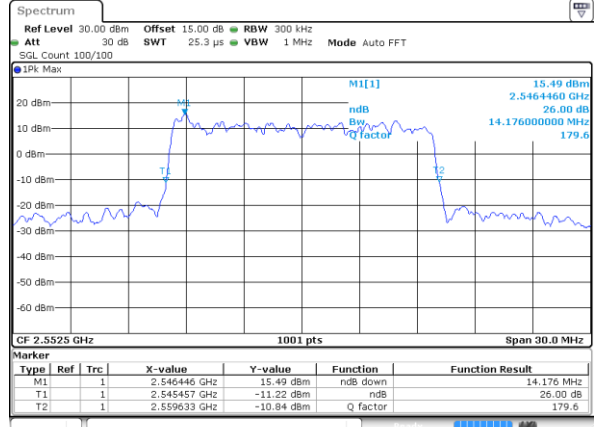
LTE Band 41

Lowest Channel / 15MHz / QPSK



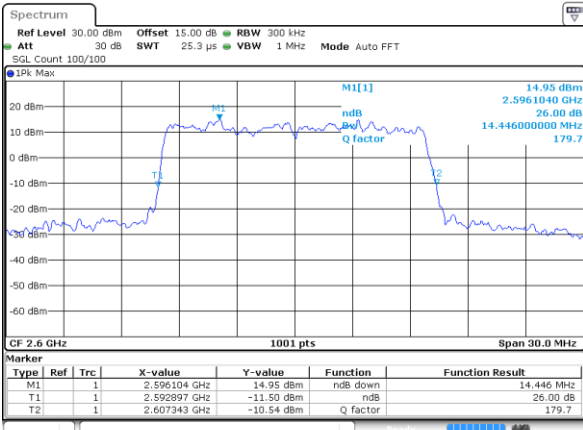
Date: 22 MAY 2019 15:21:33

Lowest Channel / 15MHz / 16QAM



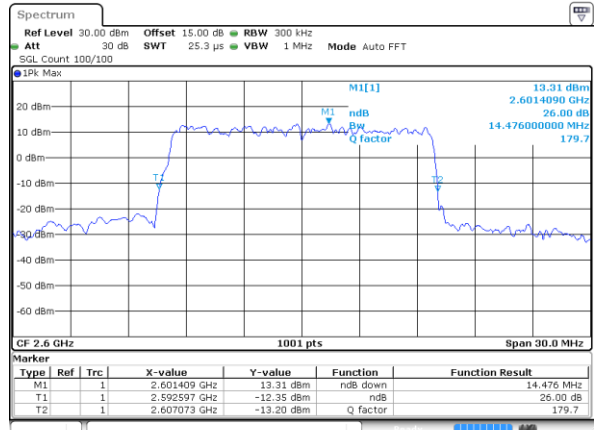
Date: 22 MAY 2019 15:21:53

Middle Channel / 15MHz / QPSK



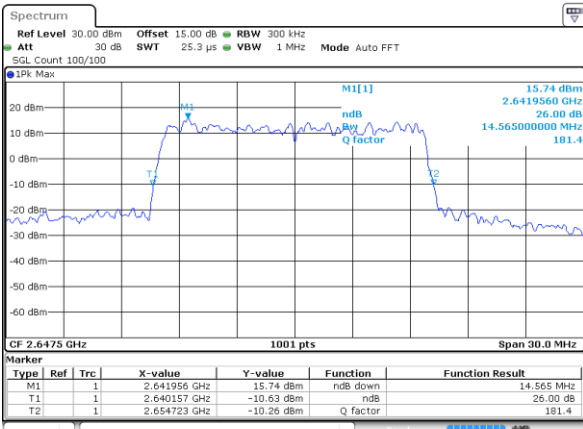
Date: 22 MAY 2019 15:22:34

Middle Channel / 15MHz / 16QAM



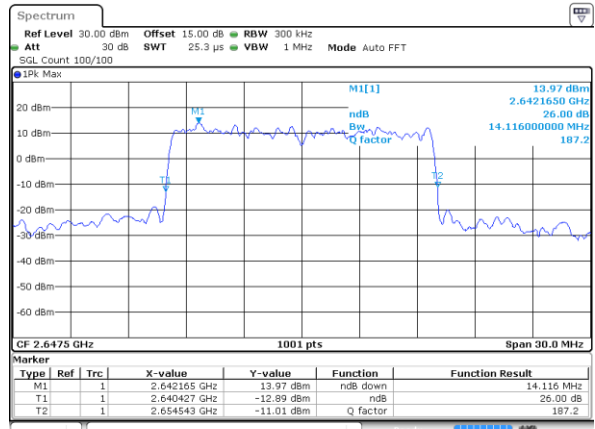
Date: 22 MAY 2019 15:22:54

Highest Channel / 15MHz / QPSK



Date: 22 MAY 2019 15:23:35

Highest Channel / 15MHz / 16QAM

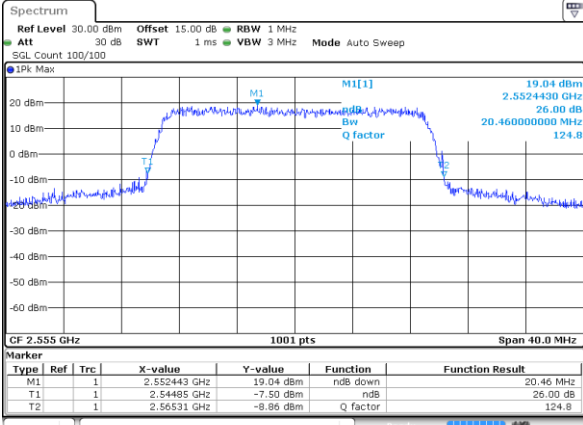


Date: 22 MAY 2019 15:23:55



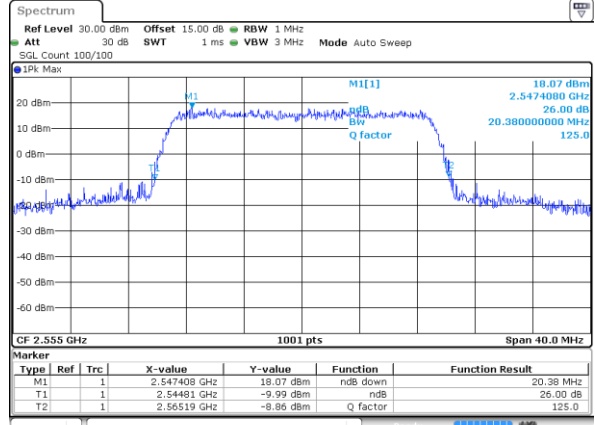
LTE Band 41

Lowest Channel / 20MHz / QPSK



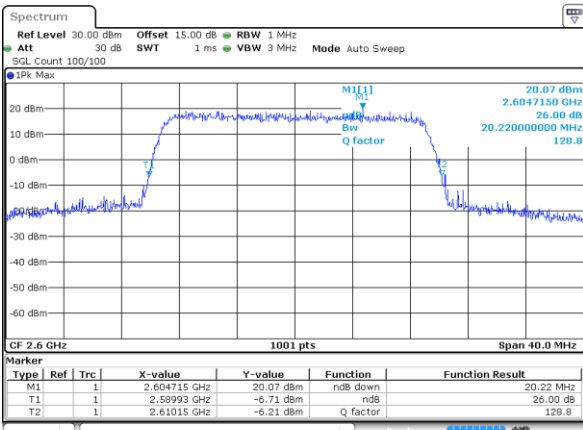
Date: 22 MAY 2019 15:24:36

Lowest Channel / 20MHz / 16QAM



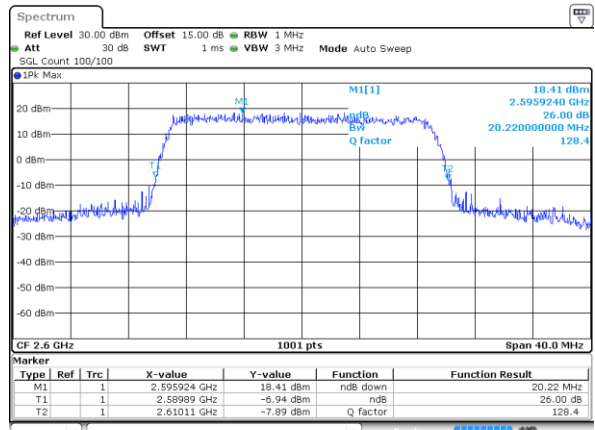
Date: 22 MAY 2019 15:24:56

Middle Channel / 20MHz / QPSK



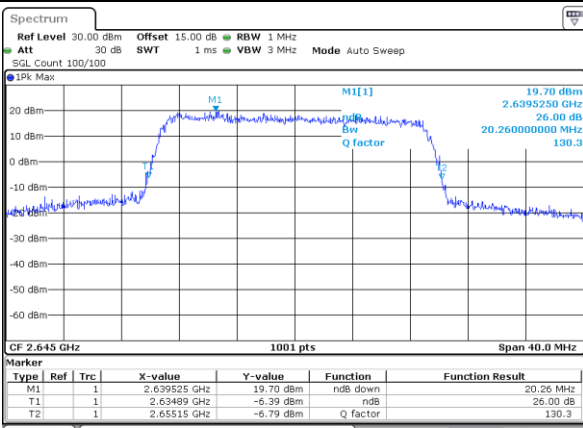
Date: 22 MAY 2019 15:25:37

Middle Channel / 20MHz / 16QAM



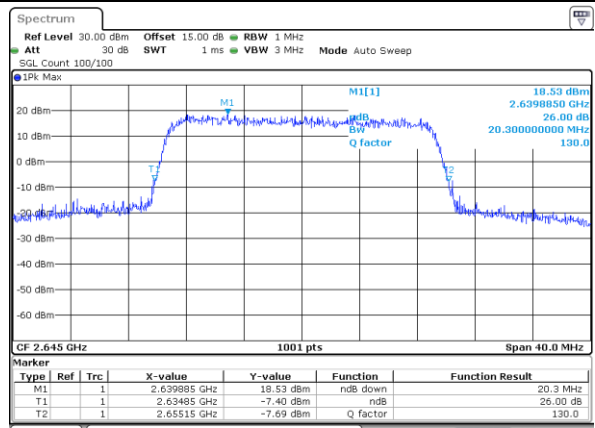
Date: 22 MAY 2019 15:25:58

Highest Channel / 20MHz / QPSK



Date: 22 MAY 2019 15:26:38

Highest Channel / 20MHz / 16QAM

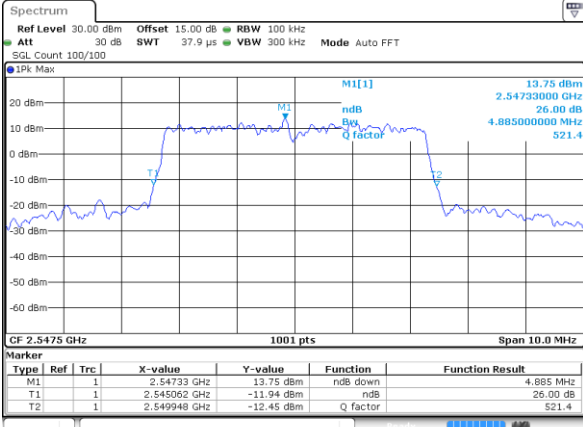


Date: 22 MAY 2019 15:26:59



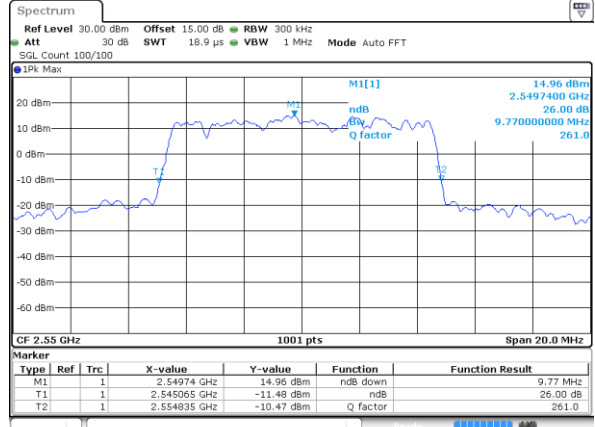
LTE Band 41

Lowest Channel / 5MHz / QPSK



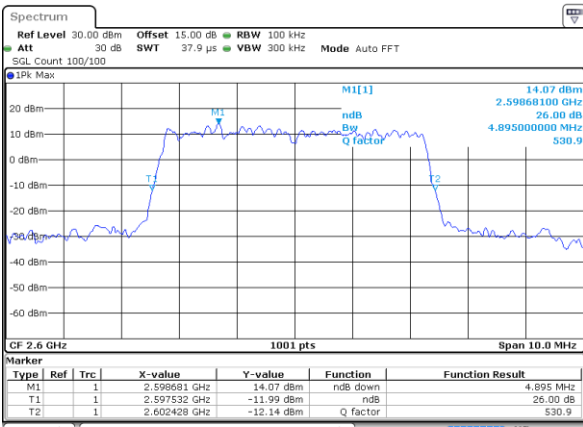
Date: 22 MAY 2019 15:16:07

Lowest Channel / 10MHz / 16QAM



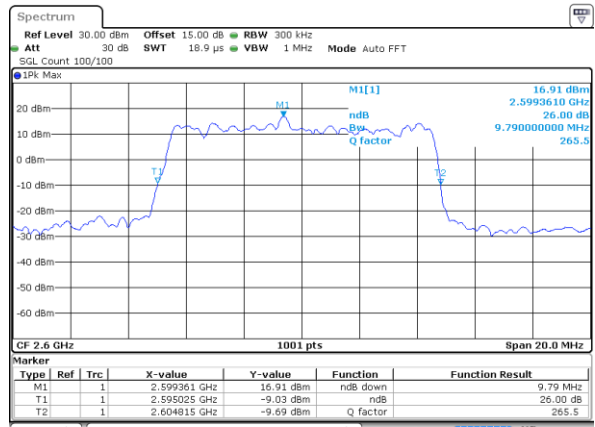
Date: 22 MAY 2019 15:19:11

Middle Channel / 5MHz / QPSK



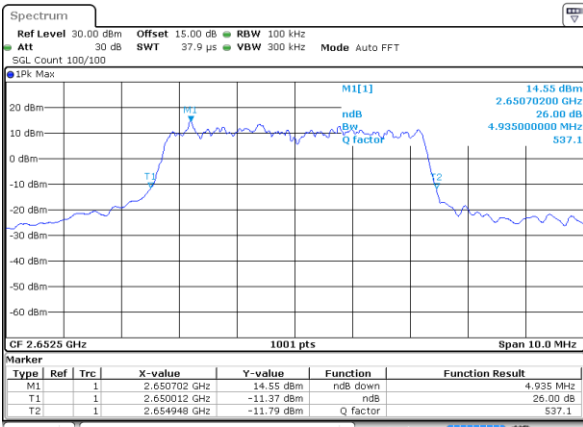
Date: 22 MAY 2019 15:17:09

Middle Channel / 10MHz / 16QAM



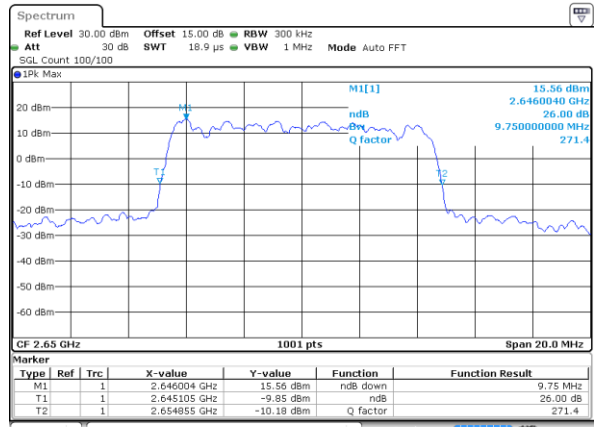
Date: 22 MAY 2019 15:20:12

Highest Channel / 5MHz / QPSK



Date: 22 MAY 2019 15:18:10

Highest Channel / 10MHz / 16QAM

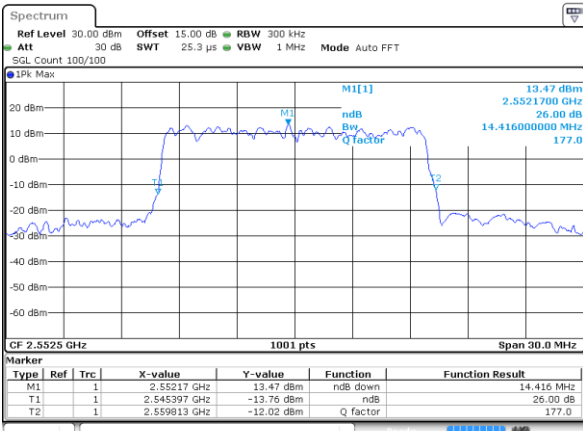


Date: 22 MAY 2019 15:21:13



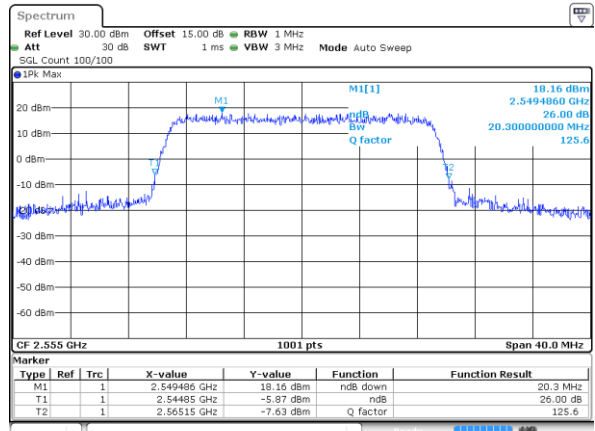
LTE Band 41

Lowest Channel / 15MHz / QPSK



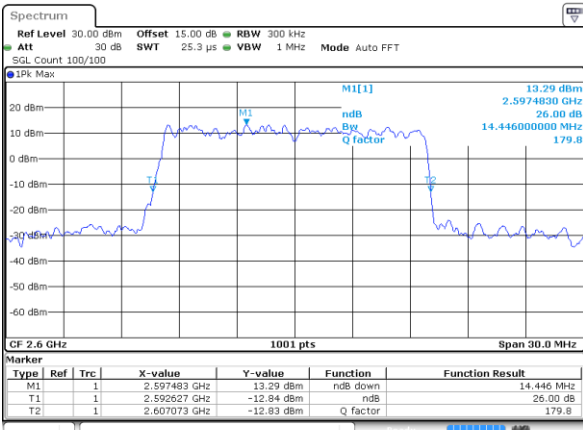
Date: 22 MAY 2019 15:22:14

Lowest Channel / 20MHz / 16QAM



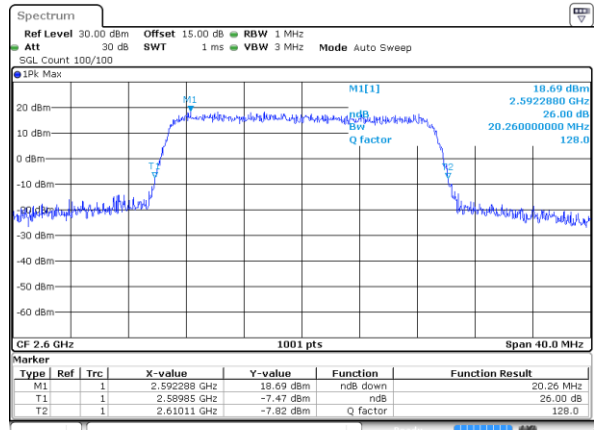
Date: 22 MAY 2019 15:25:17

Middle Channel / 15MHz / QPSK



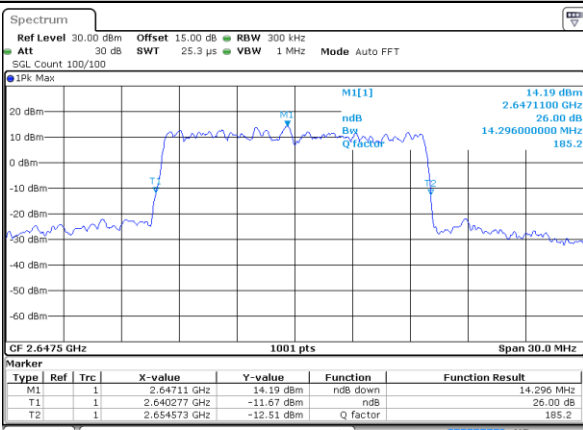
Date: 22 MAY 2019 15:23:15

Middle Channel / 20MHz / 16QAM



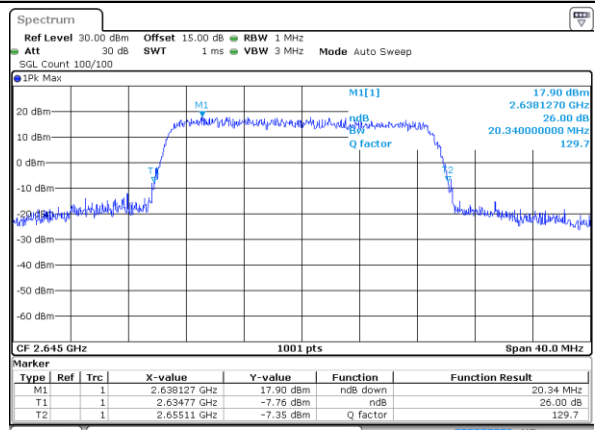
Date: 22 MAY 2019 15:26:18

Highest Channel / 15MHz / QPSK



Date: 22 MAY 2019 15:24:16

Highest Channel / 20MHz / 16QAM



Date: 22 MAY 2019 15:27:19



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	2.73	2.72	4.5	4.49	9.05	9.05	13.4	13.4	18.34	18.38
Middle CH	1.09	1.1	2.73	2.73	4.52	4.5	9.05	9.03	13.43	13.46	18.38	18.3
Highest CH	1.09	1.1	2.72	2.72	4.49	4.49	9.05	9.05	13.46	13.49	18.34	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	1.09		2.75		4.49		9.03		13.46		18.42	
Middle CH	1.09		2.73		4.49		9.03		13.46		18.38	
Highest CH	1.10		2.74		4.50		8.99		13.49		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	1.10	1.09	2.73	2.75	4.5	4.51	9.05	9.07	13.43	13.46	18.38	18.34
Middle CH	1.09	1.10	2.71	2.72	4.5	4.51	9.05	8.99	13.43	13.43	18.22	18.54
Highest CH	1.09	1.10	2.72	2.71	4.5	4.51	9.07	9.05	13.46	13.52	18.50	18.58
Mode		LTE Band 4 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.11		2.73		4.49		9.13		13.43		18.26	
Middle CH	1.09		2.72		4.5		9.07		13.46		18.26	
Highest CH	1.09		2.73		4.51		9.03		13.49		18.50	

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	2.76	2.73	4.5	4.48	9.01	9.09	1.09	2.72	4.52	9.09
Middle CH	1.09	1.1	2.74	2.7	4.54	4.5	9.05	9.05	1.10	2.73	4.50	9.09
Highest CH	1.09	1.09	2.75	2.72	4.5	4.49	9.05	9.07	1.09	2.72	4.51	9.05



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	-	-	-	-	4.5	4.5	9.01	9.05	13.52	13.43	18.42	18.46
Middle CH	-	-	-	-	4.51	4.52	9.01	9.05	13.43	13.55	18.46	18.50
Highest CH	-	-	-	-	4.51	4.52	9.03	9.05	13.43	13.43	18.54	18.30

Mode		LTE Band 7 : 99%OBW(MHz)							
BW	5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	
Lowest CH	4.49	-	9.01	-	13.49	-	18.46	-	
Middle CH	4.51	-	9.03	-	13.46	-	18.38	-	
Highest CH	4.48	-	9.05	-	13.49	-	18.42	-	

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	1.09	1.09	2.73	2.74	4.5	4.49	9.05	9.01	13.46	13.52	13.46	13.58
Middle CH	1.09	1.1	2.73	2.74	4.5	4.48	9.07	9.03	13.46	13.43	-	-
Highest CH	1.09	1.1	2.73	2.73	4.52	4.49	8.99	9.03	13.4	13.46	-	-

Mode		LTE Band 26 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	1.09	-	2.73	-	4.47	-	8.99	-	13.43	-	13.43	-
Middle CH	1.09	-	2.74	-	4.50	-	9.09	-	13.52	-	-	-
Highest CH	1.09	-	2.74	-	4.49	-	9.03	-	13.46	-	-	-

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	-	-	-	-	4.55	4.5	9.05	9.05	13.43	13.46	18.3	18.42
Middle CH	-	-	-	-	4.52	4.52	9.05	9.03	13.55	13.55	18.38	18.22
Highest CH	-	-	-	-	4.51	4.49	9.01	9.09	13.49	13.46	18.3	18.42

Mode		LTE Band 2 : 99%OBW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	-	-	-	-	4.48	-	9.03	-	13.43	-	18.34	-
Middle CH	-	-	-	-	4.51	-	8.97	-	13.55	-	18.50	-
Highest CH	-	-	-	-	4.47	-	8.95	-	13.43	-	18.46	-

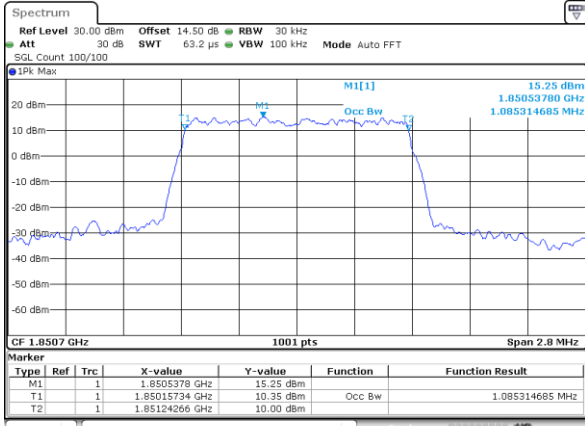


Mode	LTE Band 41 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.5	4.5	9.03	9.11	13.4	13.4	18.42	18.38
Middle CH	-	-	-	-	4.51	4.5	9.05	8.99	13.46	13.49	18.42	18.34
Highest CH	-	-	-	-	4.49	4.5	9.07	9.05	13.43	13.55	18.46	18.42
Mode												
BW					5MHz		10MHz		15MHz		20MHz	
Mod.	-	-	-	-	64QAM	-	64QAM	-	64QAM	-	64QAM	-
Lowest CH	-	-	-	-	4.48	-	9.05	-	13.46	-	18.38	-
Middle CH	-	-	-	-	4.46	-	9.03	-	13.49	-	18.38	-
Highest CH	-	-	-	-	4.48	-	9.13	-	13.43	-	18.38	-



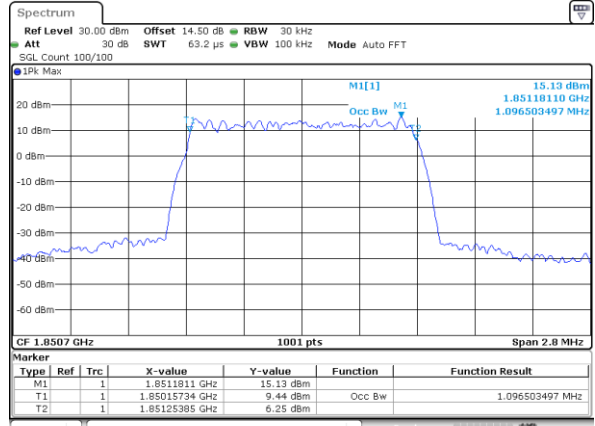
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



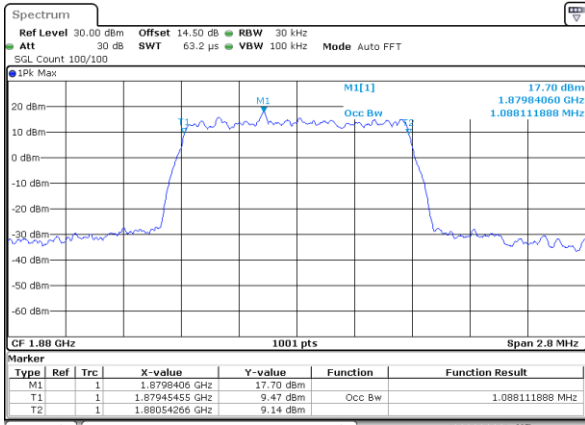
Date: 19.MAY.2019 12:16:27

Lowest Channel / 1.4MHz / 16QAM



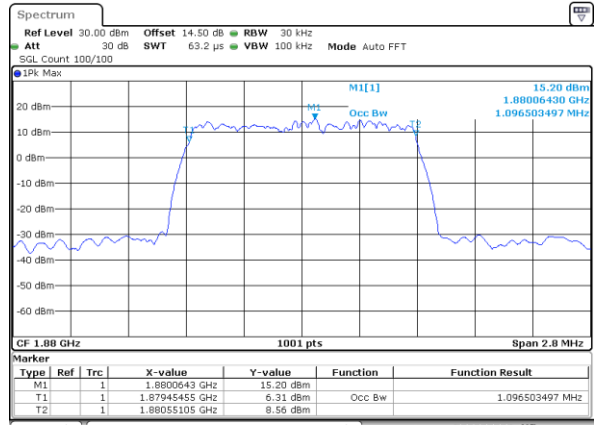
Date: 19.MAY.2019 12:16:38

Middle Channel / 1.4MHz / QPSK



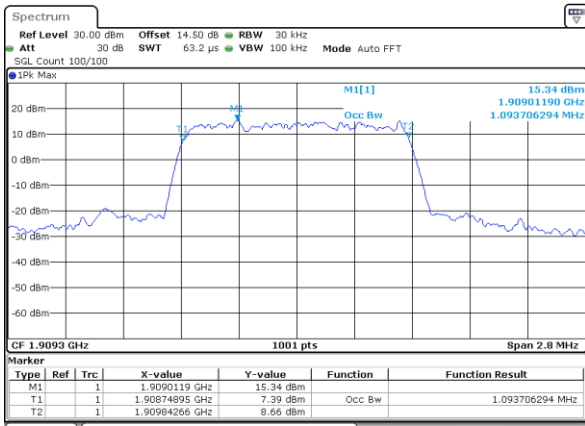
Date: 19.MAY.2019 12:17:08

Middle Channel / 1.4MHz / 16QAM



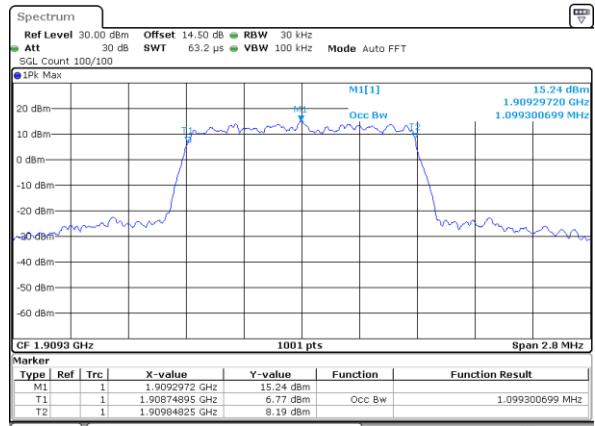
Date: 19.MAY.2019 12:17:18

Highest Channel / 1.4MHz / QPSK



Date: 19.MAY.2019 12:17:48

Highest Channel / 1.4MHz / 16QAM

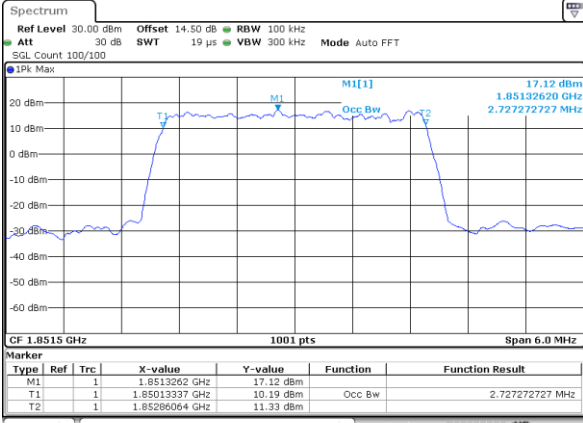


Date: 19.MAY.2019 12:17:58



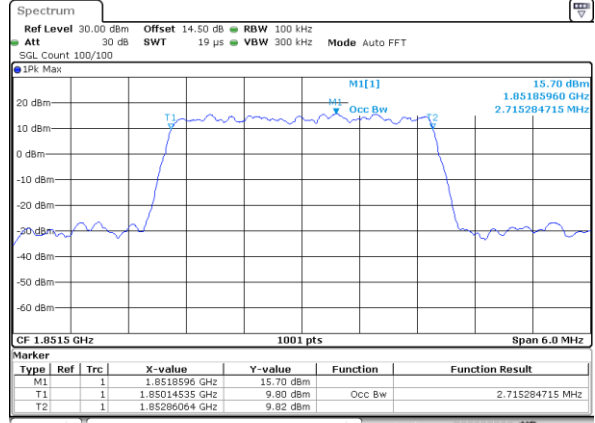
LTE Band 2

Lowest Channel / 3MHz / QPSK



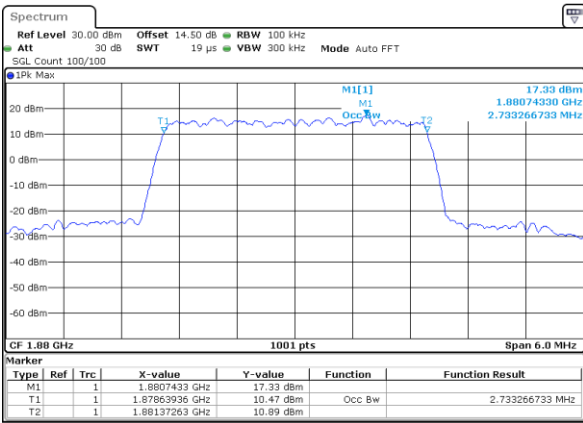
Date: 19_MAY.2019 12:18:20

Lowest Channel / 3MHz / 16QAM



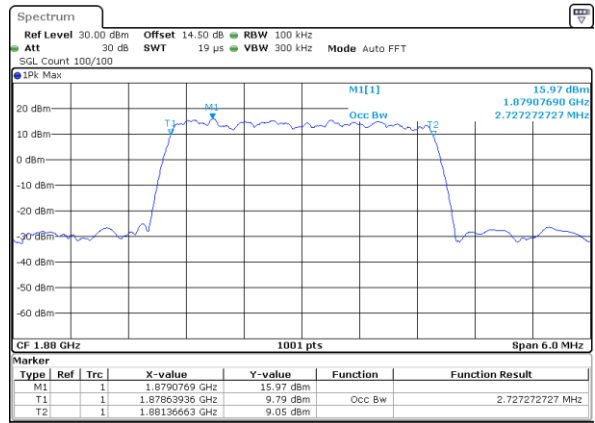
Date: 19_MAY.2019 12:18:38

Middle Channel / 3MHz / QPSK



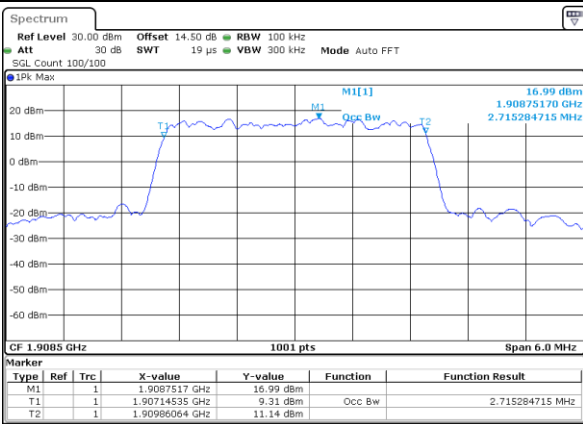
Date: 19_MAY.2019 12:21:00

Middle Channel / 3MHz / 16QAM



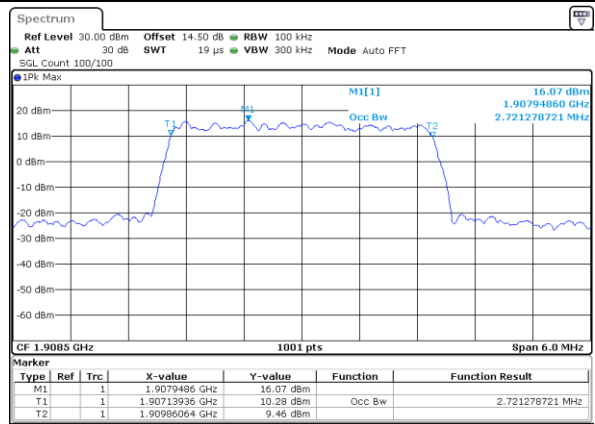
Date: 19_MAY.2019 12:21:10

Highest Channel / 3MHz / QPSK



Date: 19_MAY.2019 12:21:40

Highest Channel / 3MHz / 16QAM

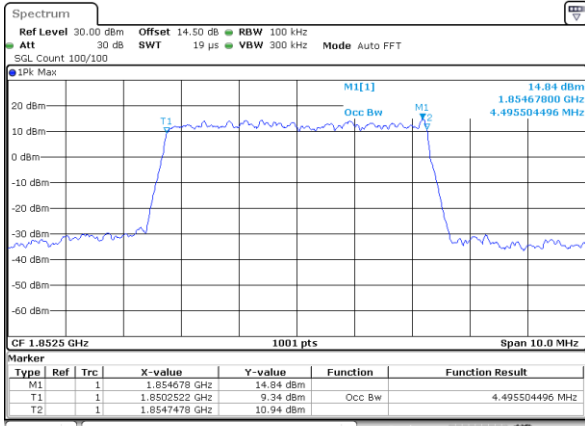


Date: 19_MAY.2019 12:21:50



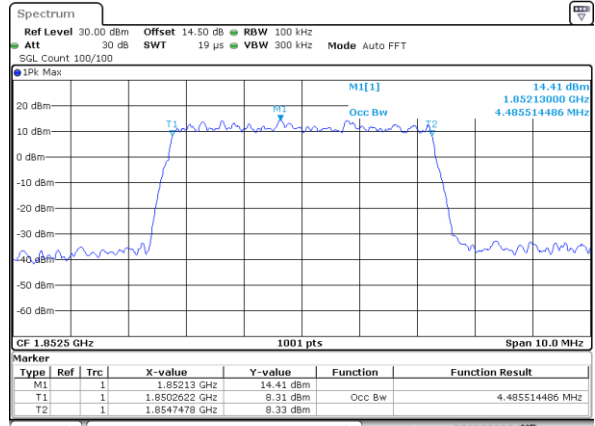
LTE Band 2

Lowest Channel / 5MHz / QPSK



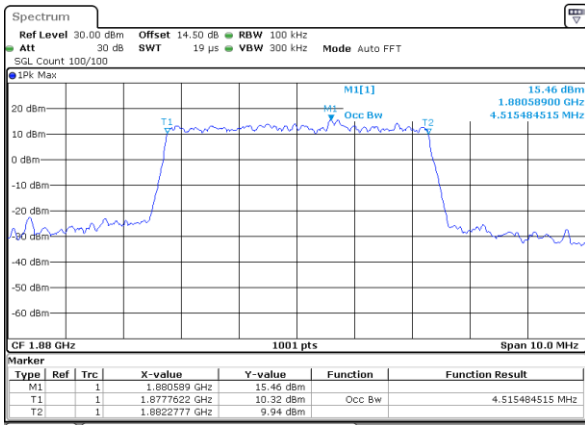
Date: 19.MAY.2019 12:22:20

Lowest Channel / 5MHz / 16QAM



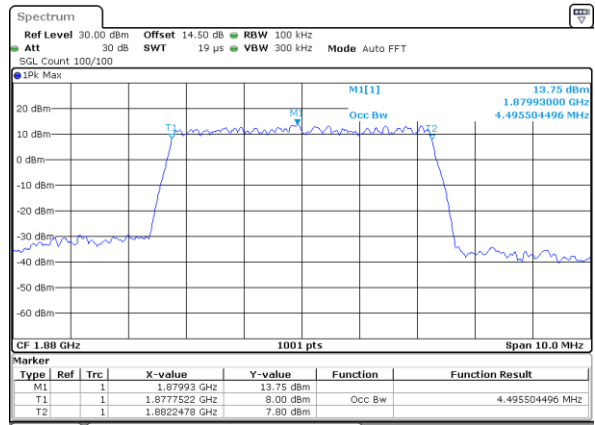
Date: 19.MAY.2019 12:22:30

Middle Channel / 5MHz / QPSK



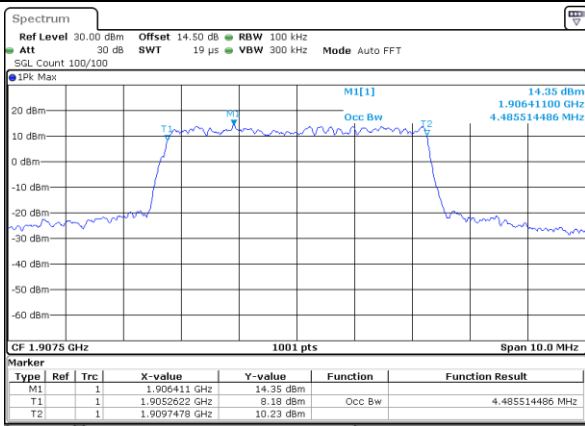
Date: 19.MAY.2019 12:23:00

Middle Channel / 5MHz / 16QAM



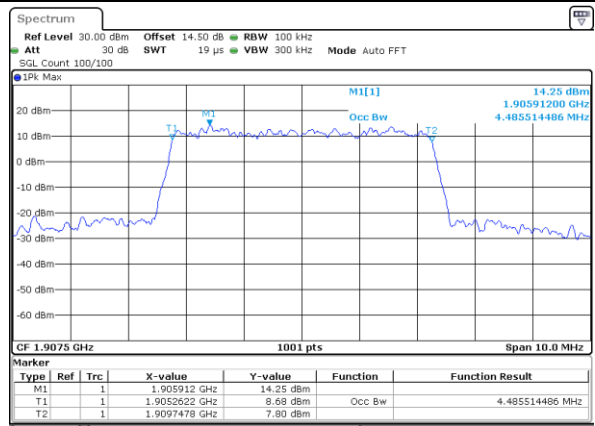
Date: 19.MAY.2019 12:23:10

Highest Channel / 5MHz / QPSK



Date: 19.MAY.2019 12:23:40

Highest Channel / 5MHz / 16QAM

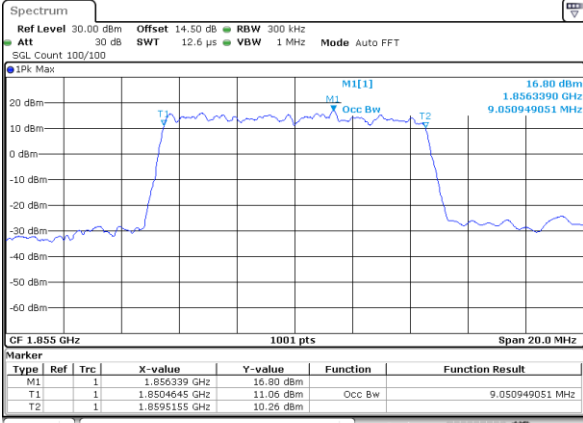


Date: 19.MAY.2019 12:23:50



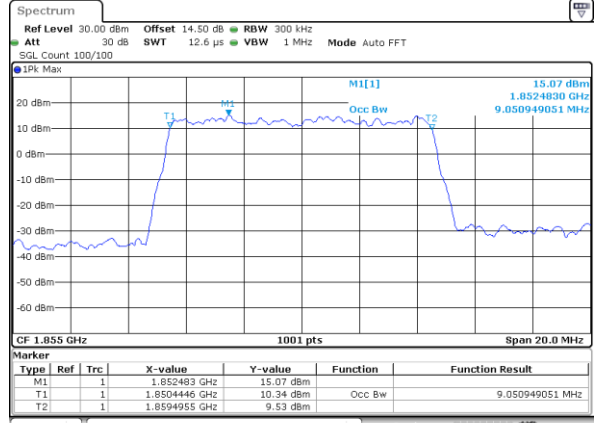
LTE Band 2

Lowest Channel / 10MHz / QPSK



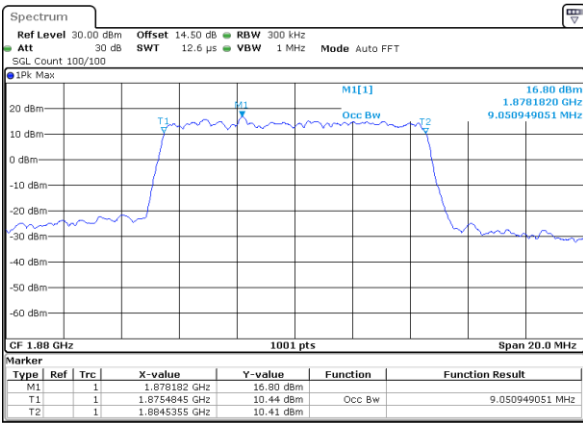
Date: 19_MAY.2019 12:24:20

Lowest Channel / 10MHz / 16QAM



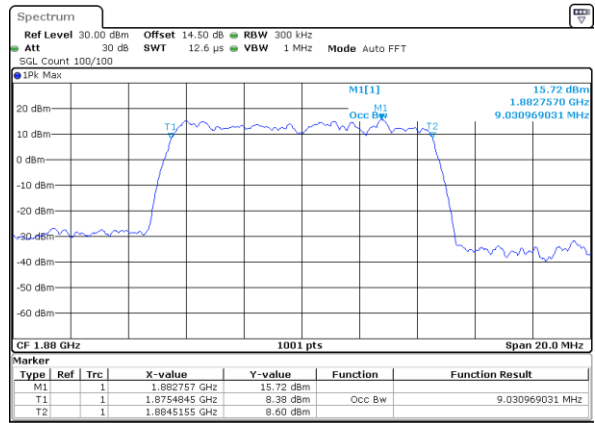
Date: 19_MAY.2019 12:24:30

Middle Channel / 10MHz / QPSK



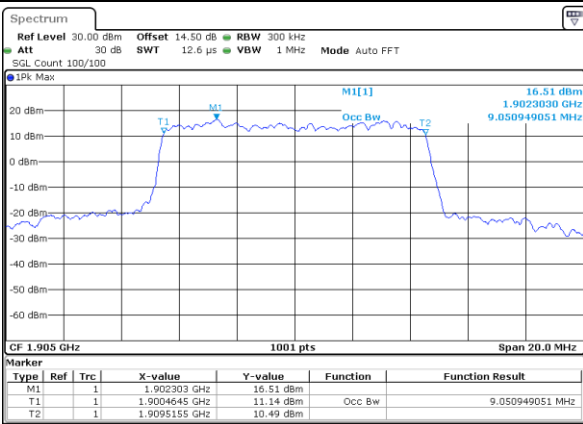
Date: 19_MAY.2019 12:25:00

Middle Channel / 10MHz / 16QAM



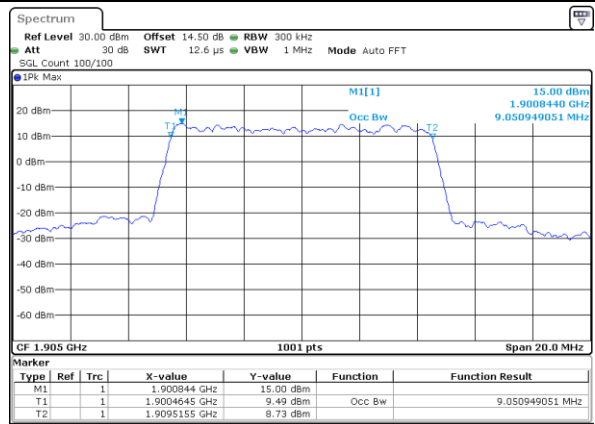
Date: 19_MAY.2019 12:25:10

Highest Channel / 10MHz / QPSK



Date: 19_MAY.2019 12:25:40

Highest Channel / 10MHz / 16QAM

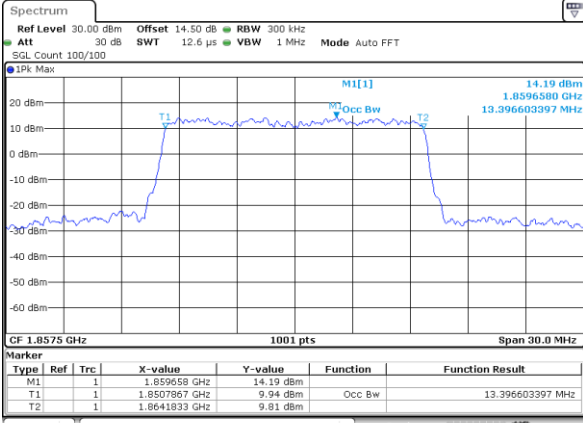


Date: 19_MAY.2019 12:25:50



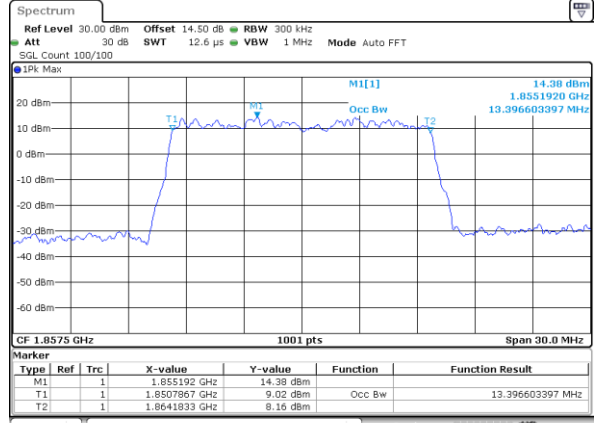
LTE Band 2

Lowest Channel / 15MHz / QPSK



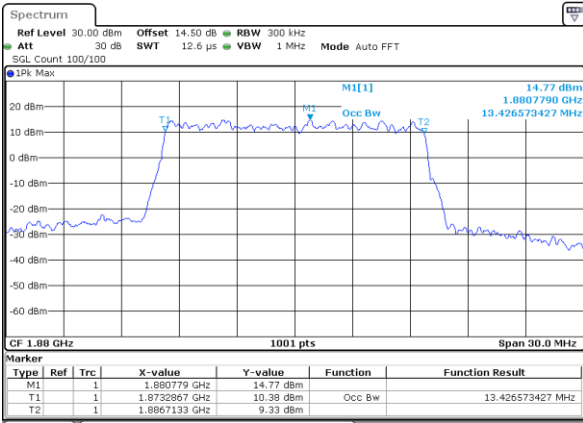
Date: 19_MAY.2019 12:26:20

Lowest Channel / 15MHz / 16QAM



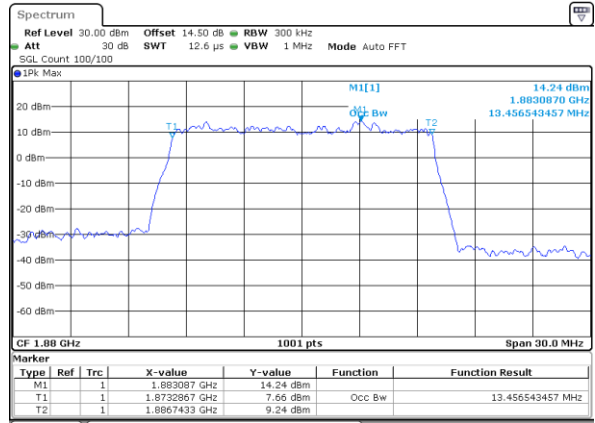
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Middle Channel / 15MHz / QPSK



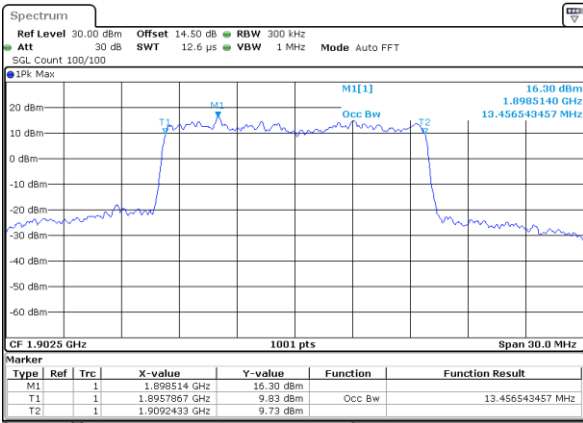
Date: 19_MAY.2019 12:27:01

Middle Channel / 15MHz / 16QAM



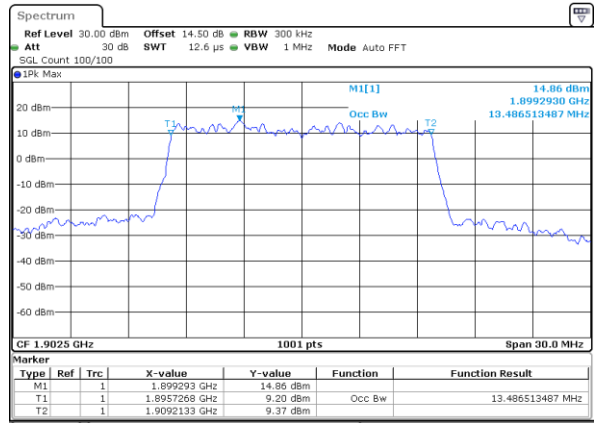
Date: 19_MAY.2019 12:27:11

Highest Channel / 15MHz / QPSK



Date: 19_MAY.2019 12:27:41

Highest Channel / 15MHz / 16QAM



Date: 19_MAY.2019 12:27:51