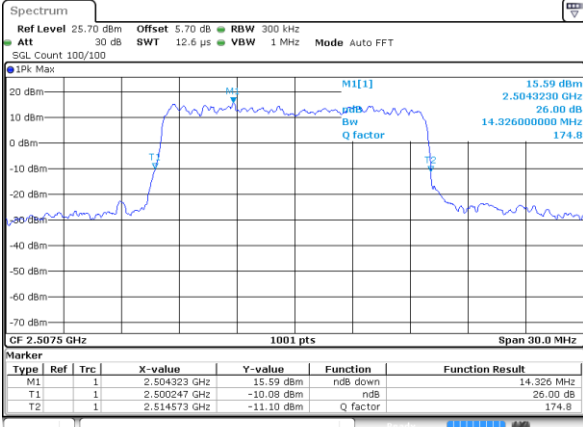




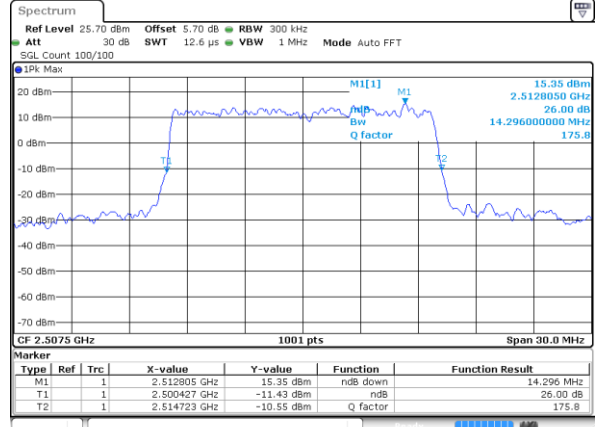
LTE Band 7

Lowest Channel / 15MHz / QPSK



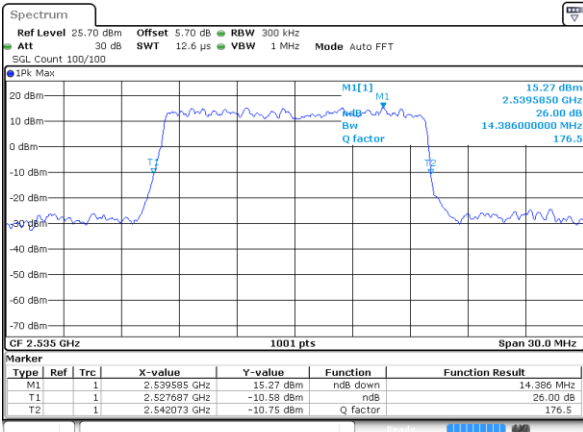
Date: 6 MAR 2019 11:05:13

Lowest Channel / 15MHz / 16QAM



Date: 6 MAR 2019 11:04:53

Middle Channel / 15MHz / QPSK



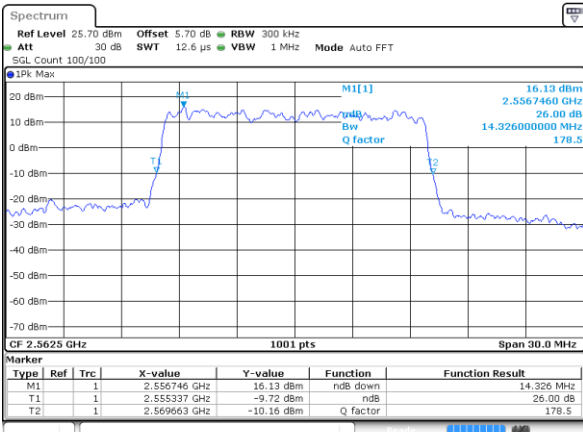
Date: 6 MAR 2019 11:05:33

Middle Channel / 15MHz / 16QAM



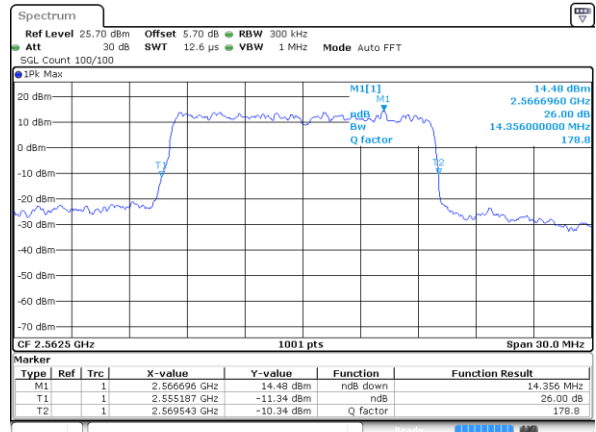
Date: 6 MAR 2019 11:05:53

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2019 11:06:33

Highest Channel / 15MHz / 16QAM

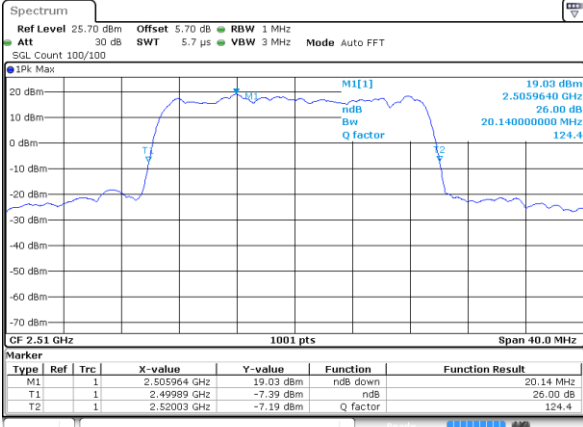


Date: 6 MAR 2019 11:06:13



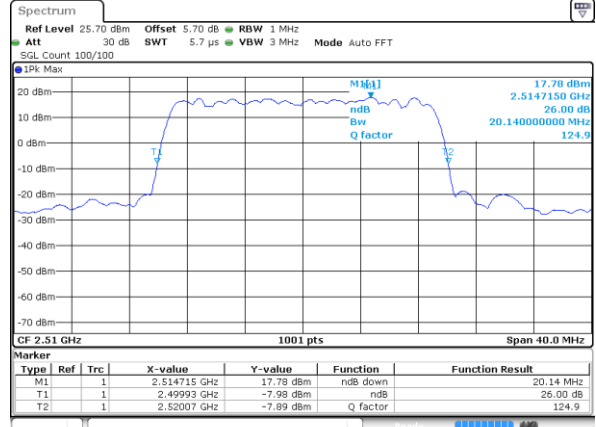
LTE Band 7

Lowest Channel / 20MHz / QPSK



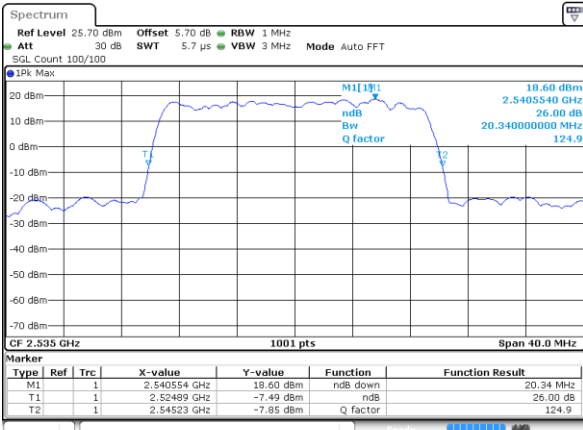
Date: 6 MAR 2019 11:16:19

Lowest Channel / 20MHz / 16QAM



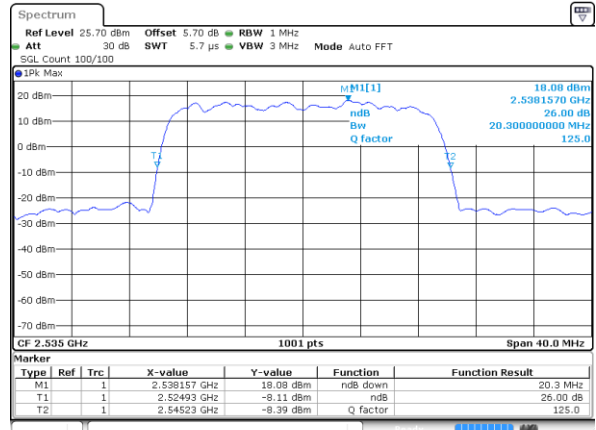
Date: 6 MAR 2019 11:15:59

Middle Channel / 20MHz / QPSK



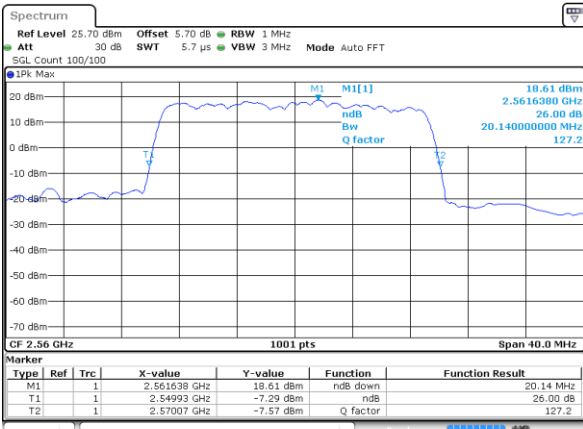
Date: 6 MAR 2019 11:16:39

Middle Channel / 20MHz / 16QAM



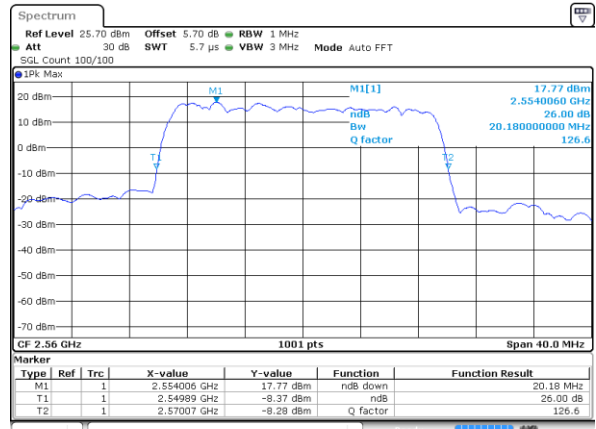
Date: 6 MAR 2019 11:16:59

Highest Channel / 20MHz / QPSK



Date: 6 MAR 2019 11:17:40

Highest Channel / 20MHz / 16QAM

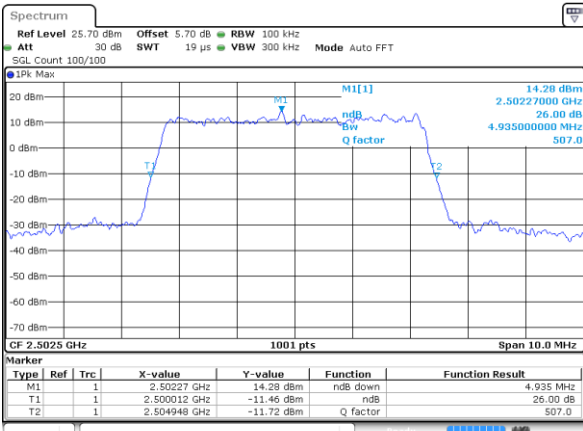


Date: 6 MAR 2019 11:17:20



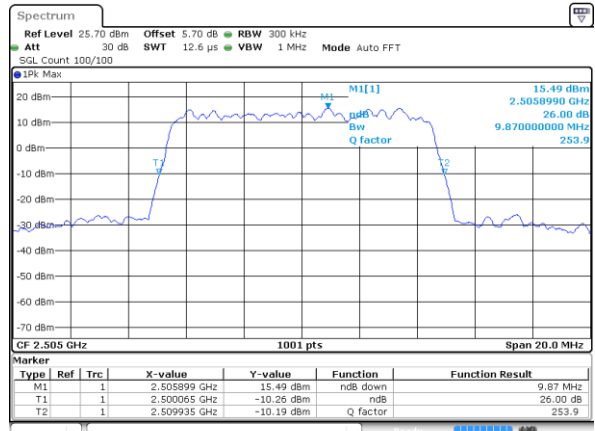
LTE Band 7

Lowest Channel / 5MHz / 64QAM



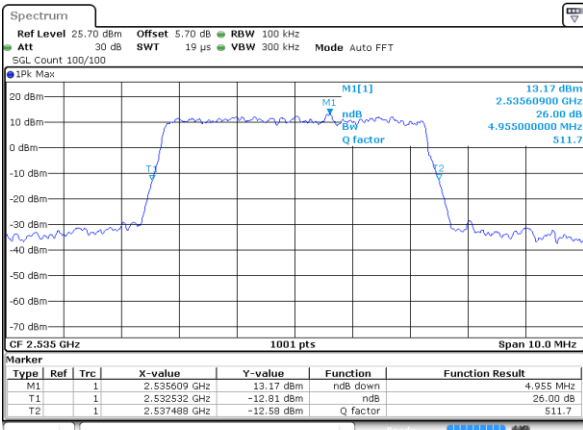
Date: 6 MAR 2019 11:27:26

Lowest Channel / 10MHz / 64QAM



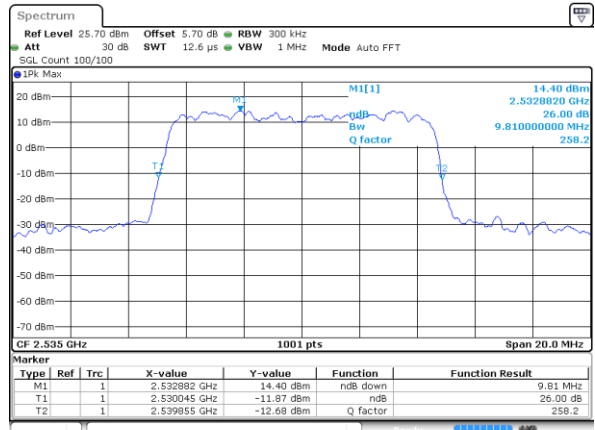
Date: 6 MAR 2019 11:32:59

Middle Channel / 5MHz / 64QAM



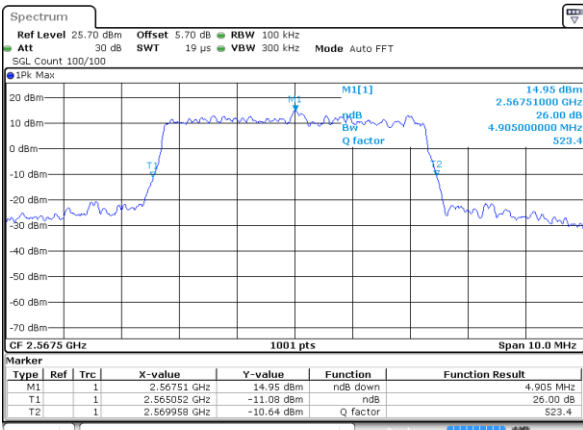
Date: 6 MAR 2019 11:27:36

Middle Channel / 10MHz / 64QAM



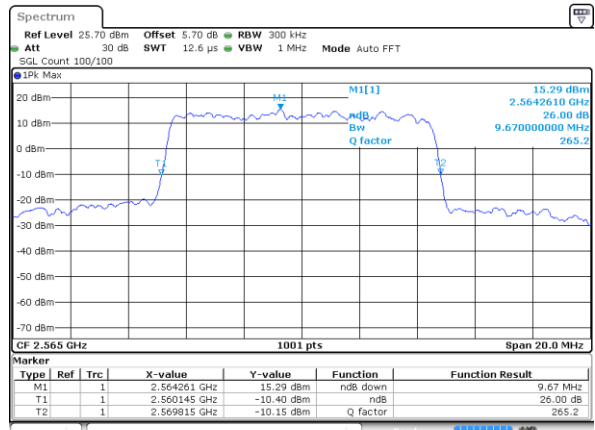
Date: 6 MAR 2019 11:33:09

Highest Channel / 5MHz / 64QAM



Date: 6 MAR 2019 11:27:46

Highest Channel / 10MHz / 64QAM

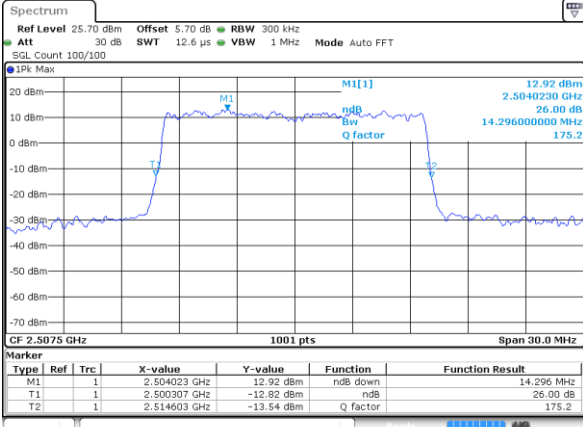


Date: 6 MAR 2019 11:33:19



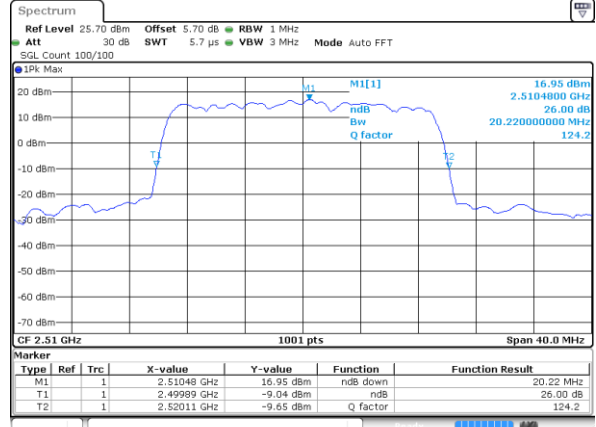
LTE Band 7

Lowest Channel / 15MHz / 64QAM



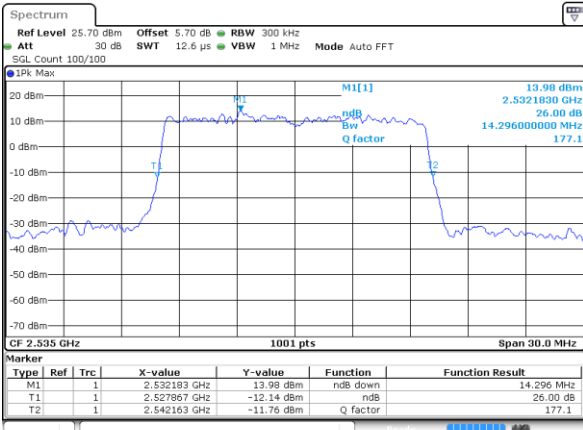
Date: 6 MAR 2019 11:38:32

Lowest Channel / 20MHz / 64QAM



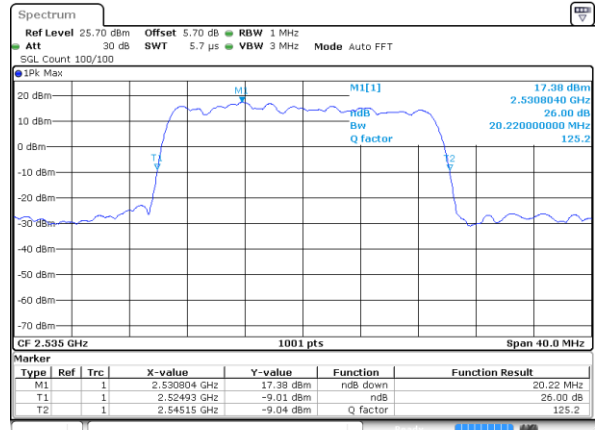
Date: 6 MAR 2019 11:44:05

Middle Channel / 15MHz / 64QAM



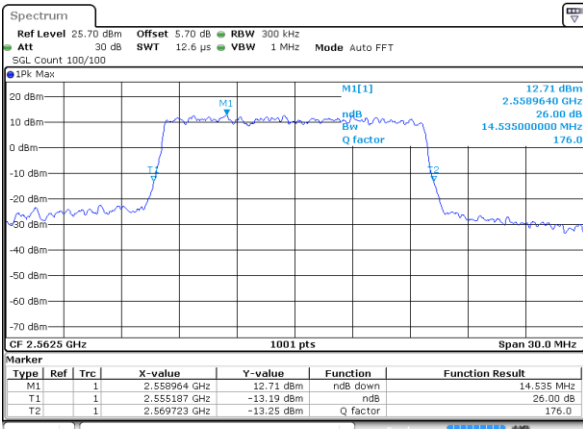
Date: 6 MAR 2019 11:38:42

Middle Channel / 20MHz / 64QAM



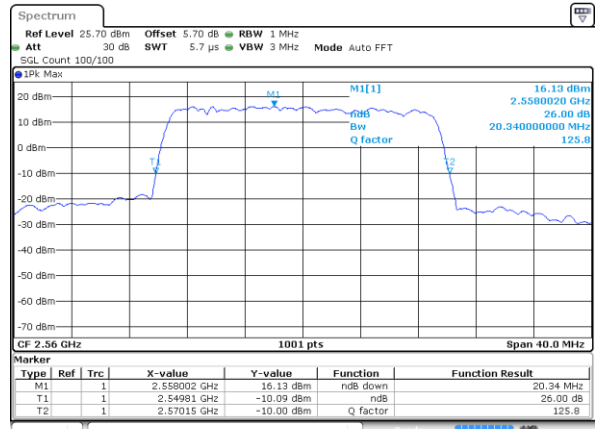
Date: 6 MAR 2019 11:44:15

Highest Channel / 15MHz / 64QAM



Date: 6 MAR 2019 11:38:52

Highest Channel / 20MHz / 64QAM

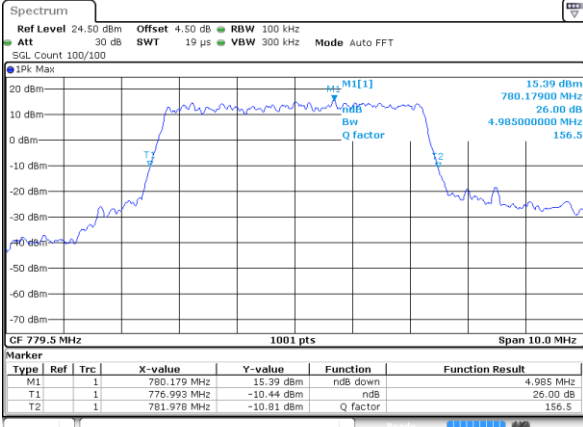


Date: 6 MAR 2019 11:44:25



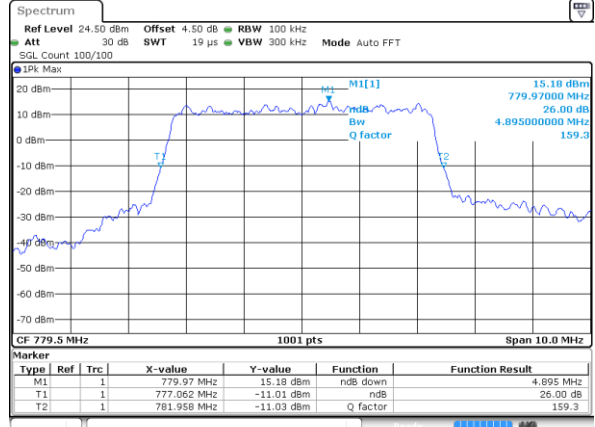
LTE Band 13

Lowest Channel / 5MHz / QPSK



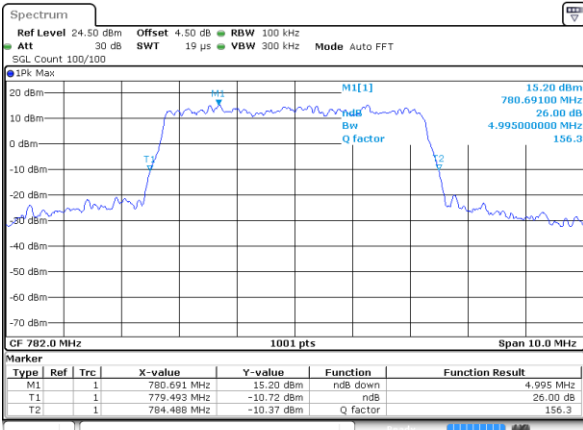
Date: 7 MAR 2019 19:45:54

Lowest Channel / 5MHz / 16QAM



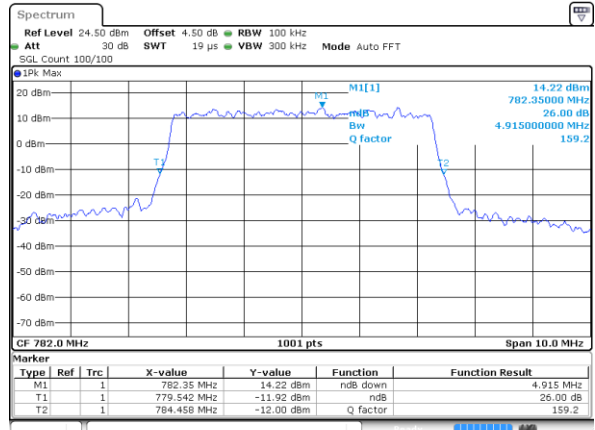
Date: 7 MAR 2019 19:46:05

Middle Channel / 5MHz / QPSK



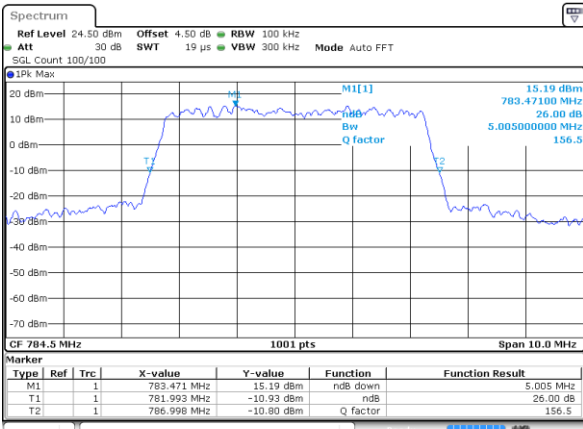
Date: 7 MAR 2019 19:57:34

Middle Channel / 5MHz / 16QAM



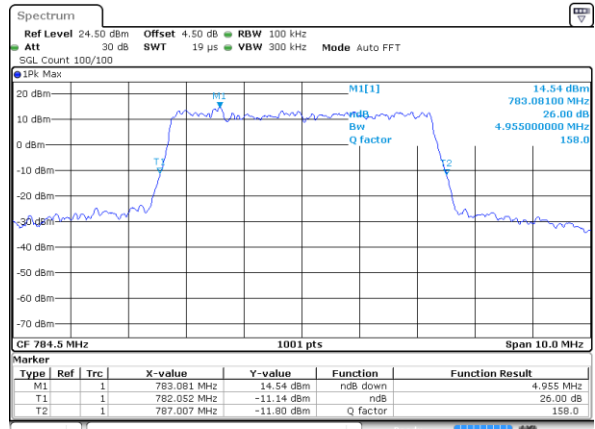
Date: 7 MAR 2019 19:57:44

Highest Channel / 5MHz / QPSK



Date: 7 MAR 2019 19:58:24

Highest Channel / 5MHz / 16QAM

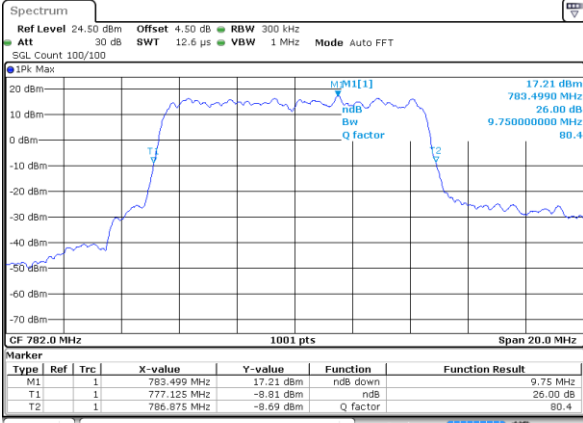


Date: 7 MAR 2019 19:58:14



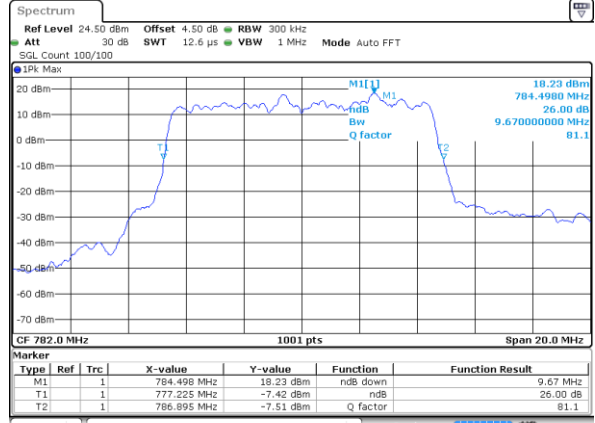
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 MAR 2019 20:09:23

Middle Channel / 10MHz / 16QAM

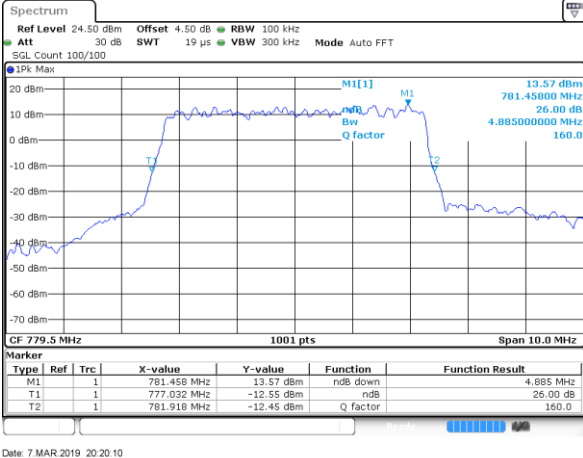


Date: 7 MAR 2019 20:09:13



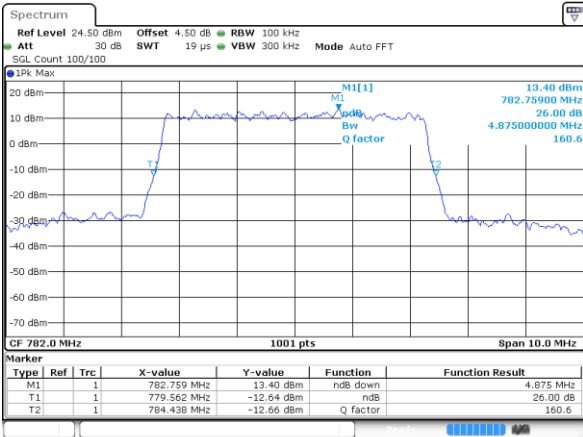
LTE Band 13

Lowest Channel / 5MHz / 64QAM



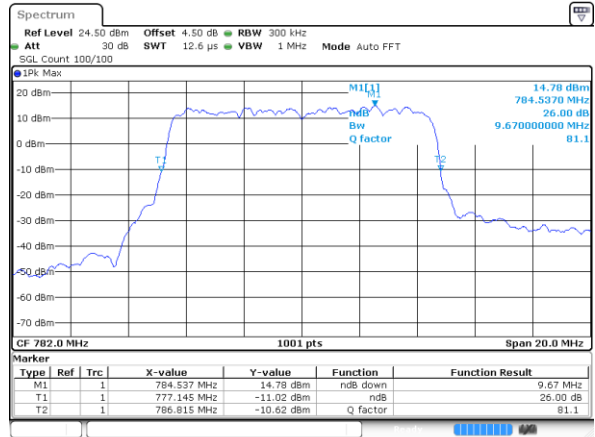
Date: 7 MAR 2019 20:20:10

Middle Channel / 5MHz / 64QAM



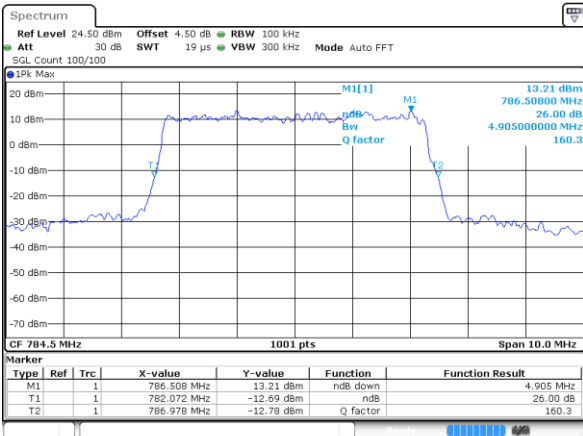
Date: 7 MAR 2019 20:20:20

Middle Channel / 10MHz / 64QAM



Date: 7 MAR 2019 20:27:21

Highest Channel / 5MHz / 64QAM



Date: 7 MAR 2019 20:20:30



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	2.72	2.73	4.49	4.48	9.09	9.09	13.46	14.43	18.46	18.38	
Middle CH	1.10	1.09	2.73	2.71	4.50	4.52	9.09	9.03	13.46	13.49	18.22	18.22	
Highest CH	1.10	1.09	2.73	2.72	4.50	4.49	9.03	8.93	13.40	13.46	18.14	18.30	
Mode		LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH	1.10		2.72		4.48		8.99		13.43		18.38		
Middle CH	1.09		2.72		4.48		9.03		13.46		18.46		
Highest CH	1.09		2.73		4.52		9.03		13.40		18.26		

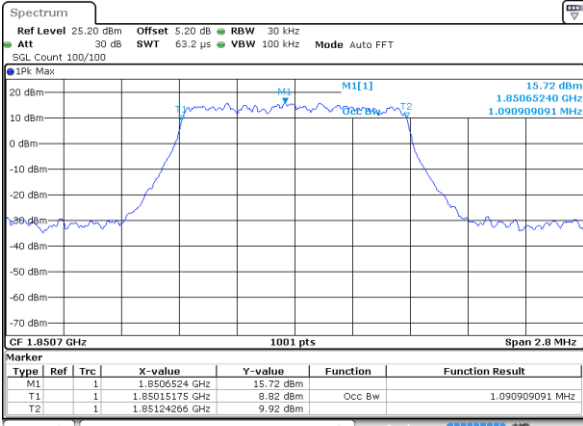
Mode		LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH					4.49	4.49	8.99	9.03	13.34	13.49	18.30	18.42	
Middle CH					4.50	4.50	8.97	9.01	13.43	13.43	18.42	18.38	
Highest CH					4.48	4.49	9.05	8.99	13.49	13.46	18.42	18.30	
Mode		LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH					4.50		9.05		13.43		18.42		
Middle CH					4.51		9.03		13.40		18.26		
Highest CH					4.53		8.97		13.43		18.38		

Mode		LTE Band 13 : 99%OBW(MHz)									
BW	5MHz		10MHz		5MHz	10MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM					
Lowest CH	4.48	4.51			4.46						
Middle CH	4.49	4.48	9.05	8.99	4.51	9.07					
Highest CH	4.51	4.50			4.48						



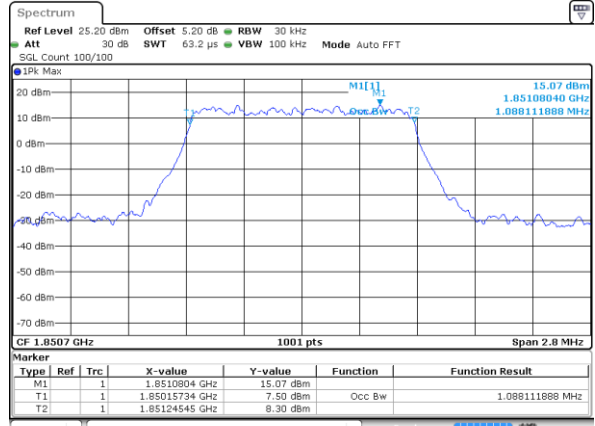
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



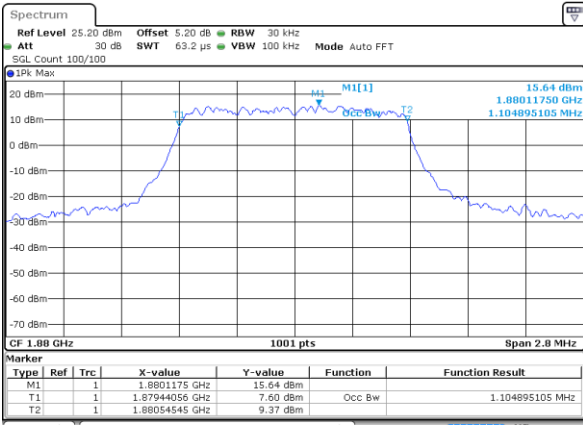
Date: 6 MAR 2019 11:59:05

Lowest Channel / 1.4MHz / 16QAM



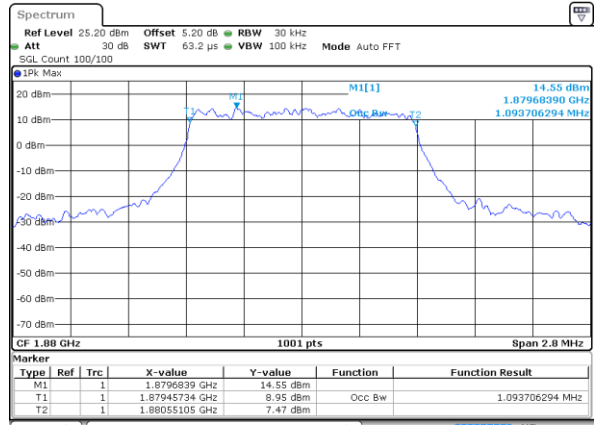
Date: 6 MAR 2019 11:59:16

Middle Channel / 1.4MHz / QPSK



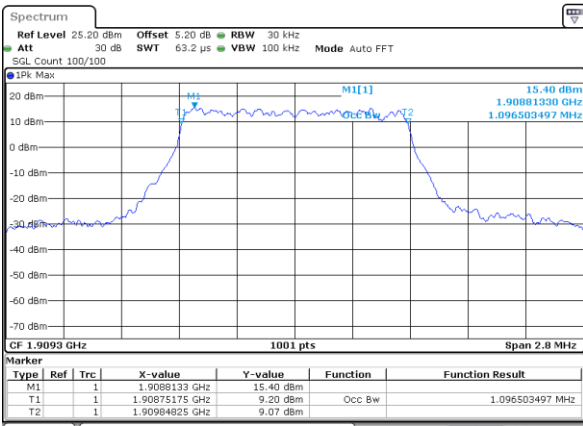
Date: 6 MAR 2019 12:04:16

Middle Channel / 1.4MHz / 16QAM



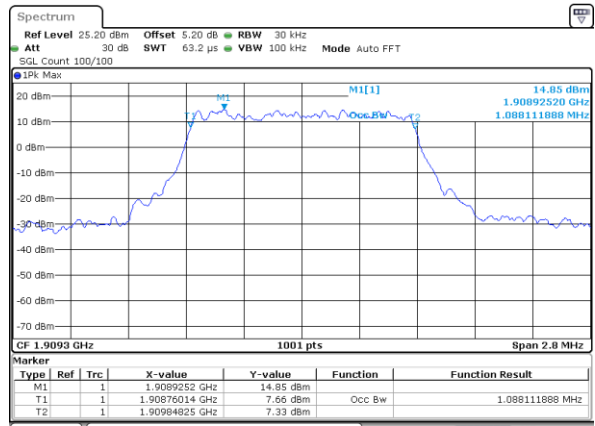
Date: 6 MAR 2019 12:04:26

Highest Channel / 1.4MHz / QPSK



Date: 6 MAR 2019 12:04:56

Highest Channel / 1.4MHz / 16QAM

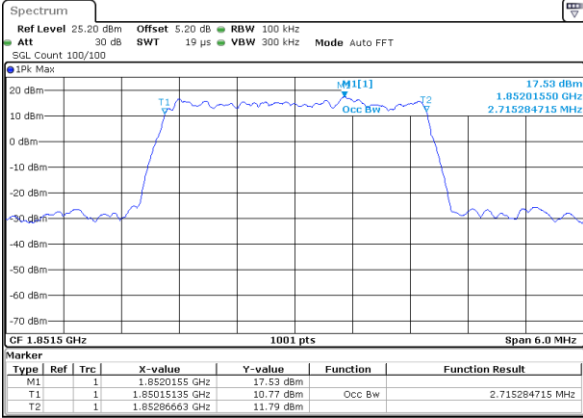


Date: 6 MAR 2019 12:05:06



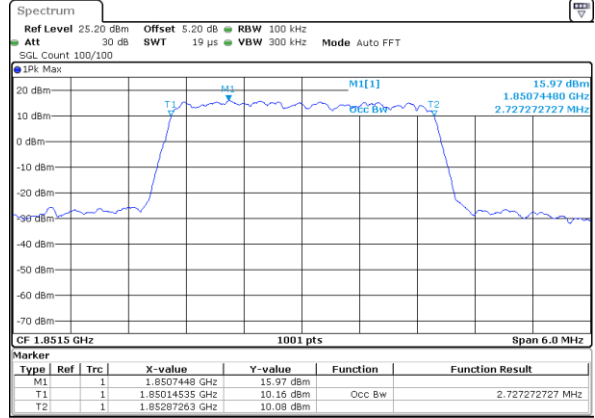
LTE Band 2

Lowest Channel / 3MHz / QPSK



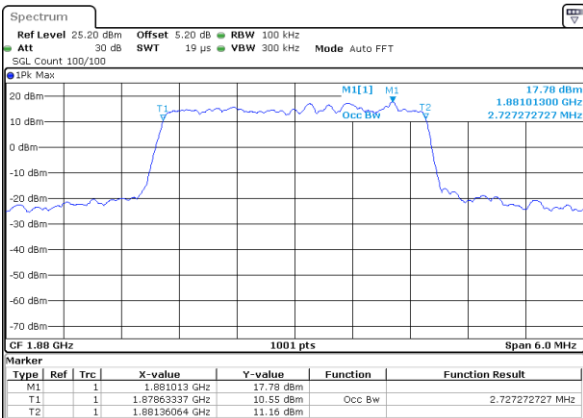
Date: 6 MAR 2019 12:10:07

Lowest Channel / 3MHz / 16QAM



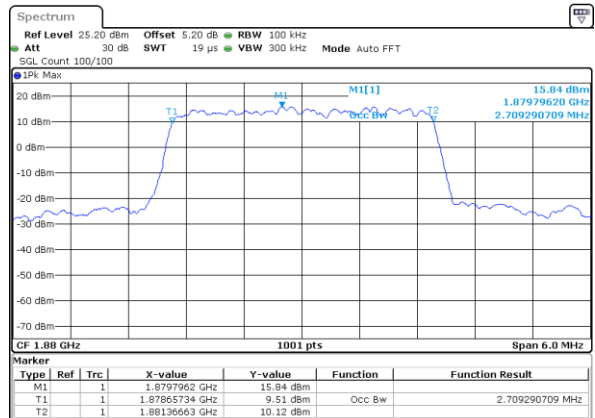
Date: 6 MAR 2019 12:10:17

Middle Channel / 3MHz / QPSK



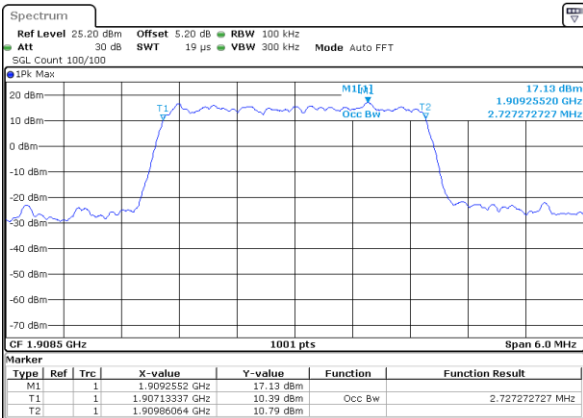
Date: 6 MAR 2019 12:15:17

Middle Channel / 3MHz / 16QAM



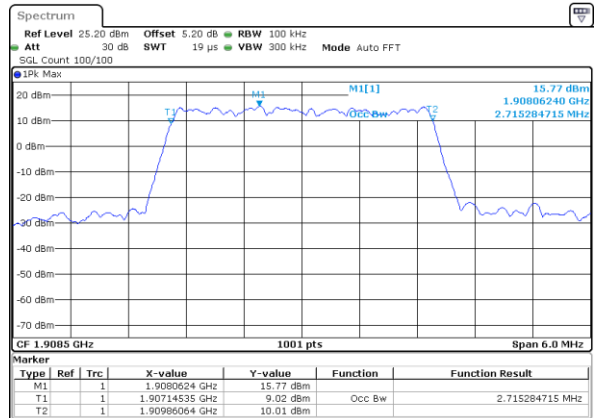
Date: 6 MAR 2019 12:15:27

Highest Channel / 3MHz / QPSK



Date: 6 MAR 2019 12:15:57

Highest Channel / 3MHz / 16QAM

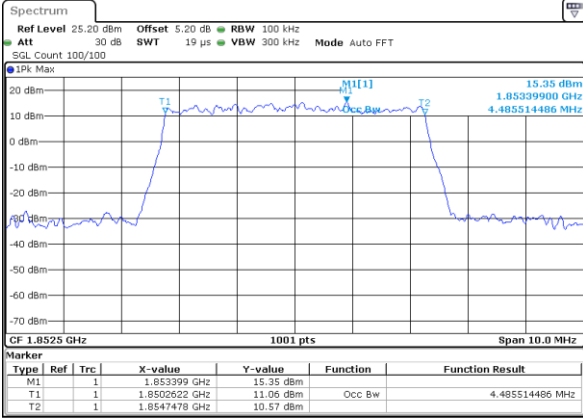


Date: 6 MAR 2019 12:16:07



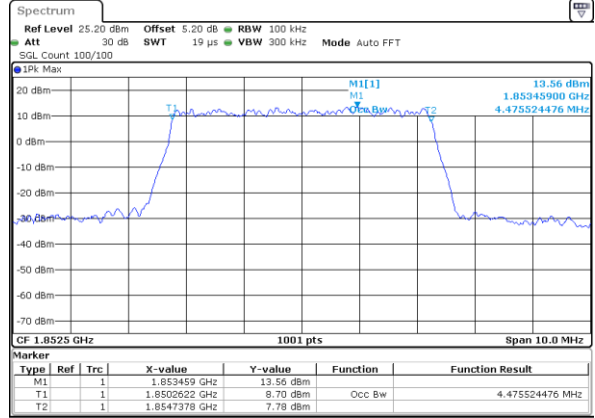
LTE Band 2

Lowest Channel / 5MHz / QPSK



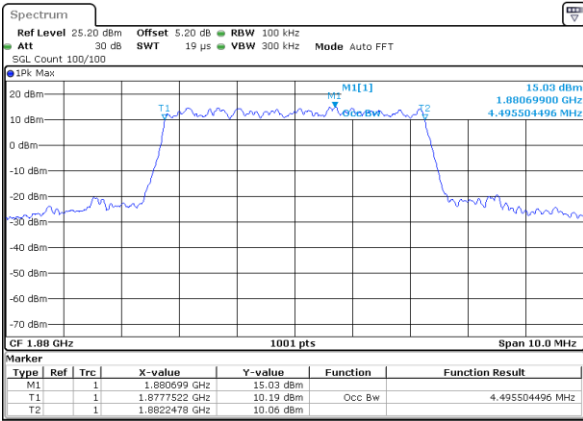
Date: 6 MAR 2019 12:21:07

Lowest Channel / 5MHz / 16QAM



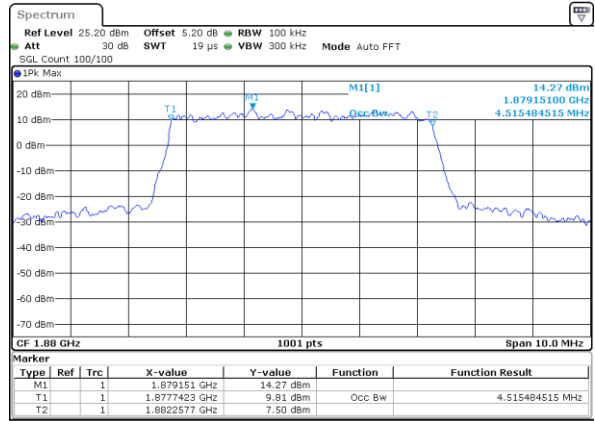
Date: 6 MAR 2019 12:21:17

Middle Channel / 5MHz / QPSK



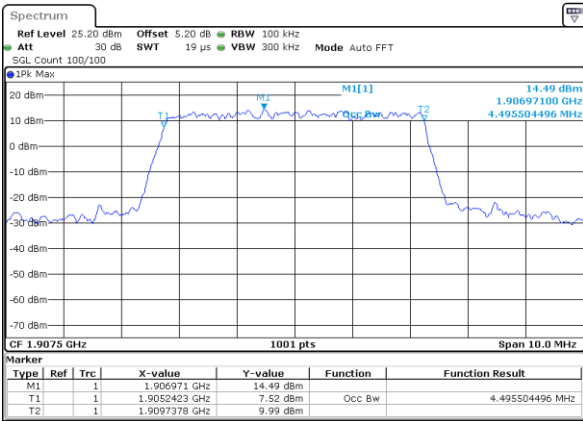
Date: 6 MAR 2019 12:26:17

Middle Channel / 5MHz / 16QAM



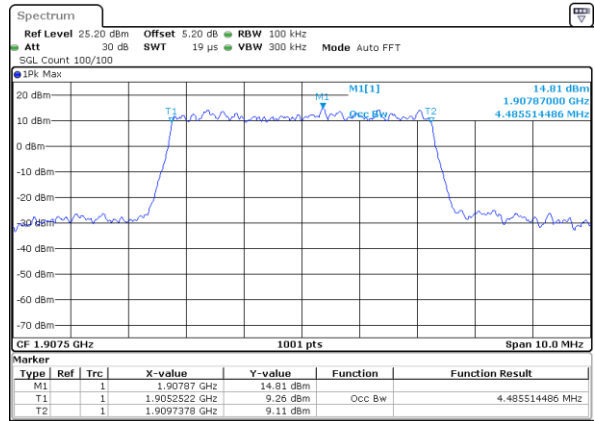
Date: 6 MAR 2019 12:26:27

Highest Channel / 5MHz / QPSK



Date: 6 MAR 2019 12:26:58

Highest Channel / 5MHz / 16QAM

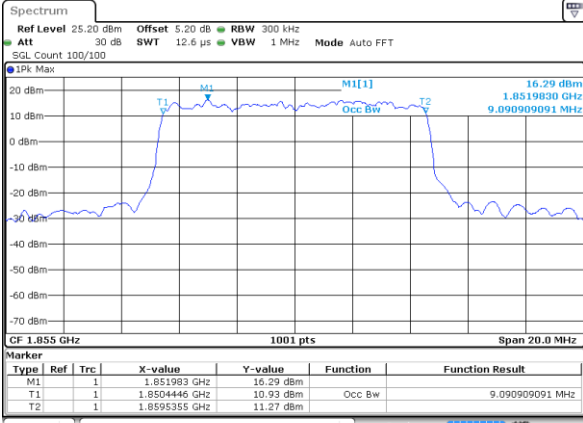


Date: 6 MAR 2019 12:27:08



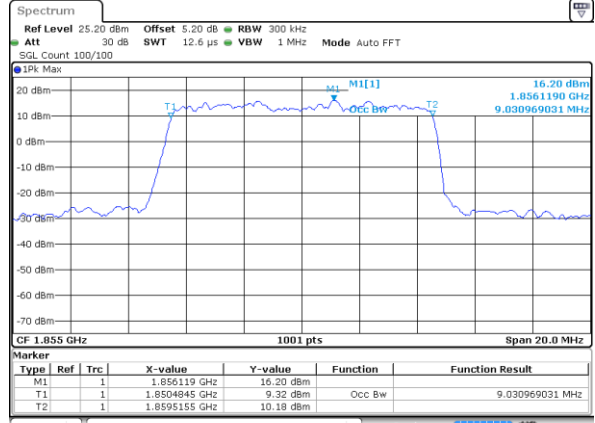
LTE Band 2

Lowest Channel / 10MHz / QPSK



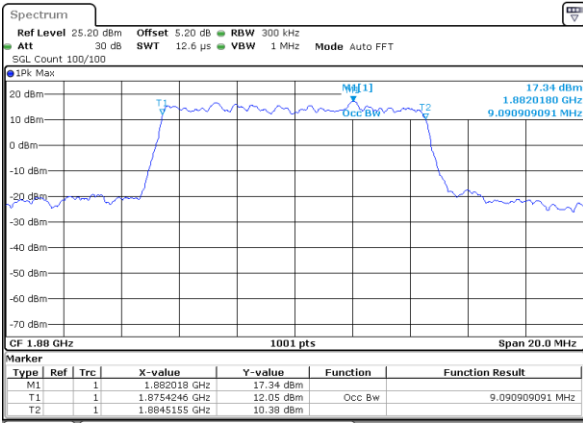
Date: 6 MAR 2019 12:32:08

Lowest Channel / 10MHz / 16QAM



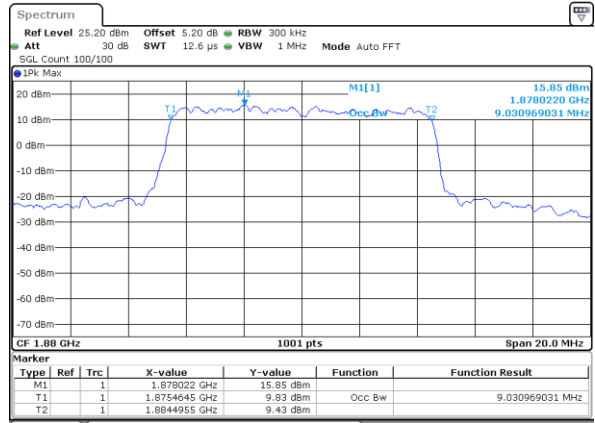
Date: 6 MAR 2019 12:32:18

Middle Channel / 10MHz / QPSK



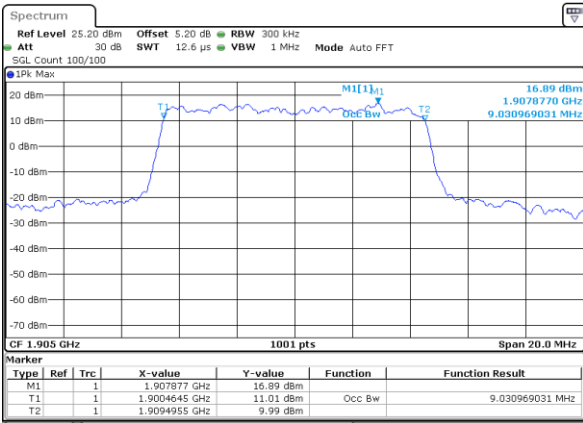
Date: 6 MAR 2019 12:37:18

Middle Channel / 10MHz / 16QAM



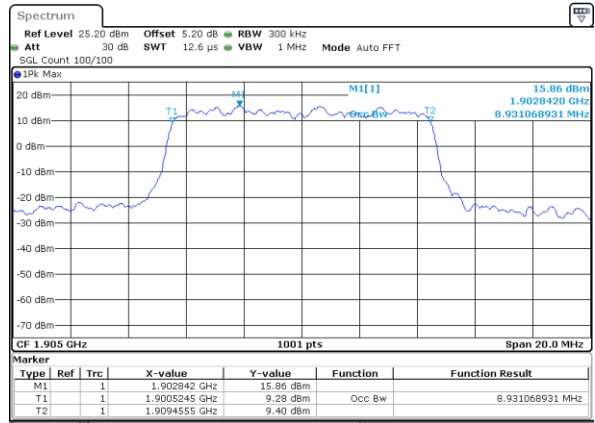
Date: 6 MAR 2019 12:37:28

Highest Channel / 10MHz / QPSK



Date: 6 MAR 2019 12:37:58

Highest Channel / 10MHz / 16QAM

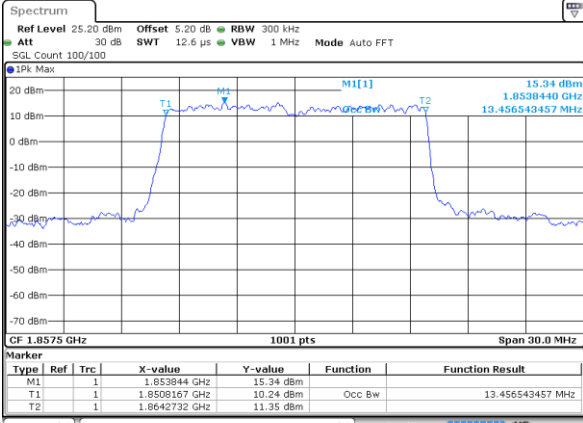


Date: 6 MAR 2019 12:38:08



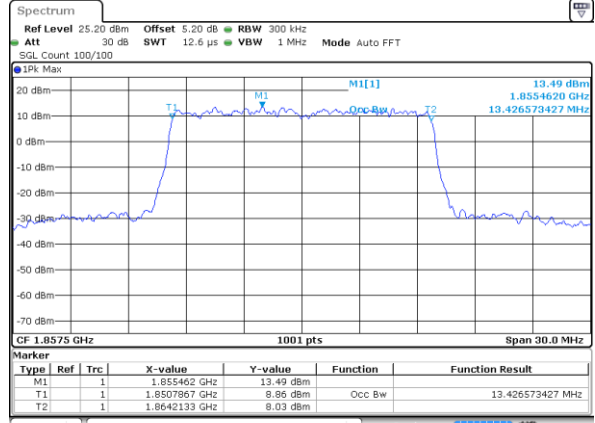
LTE Band 2

Lowest Channel / 15MHz / QPSK



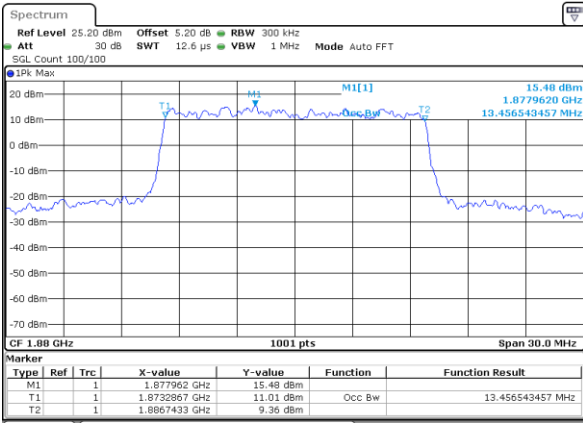
Date: 6 MAR 2019 12:43:09

Lowest Channel / 15MHz / 16QAM



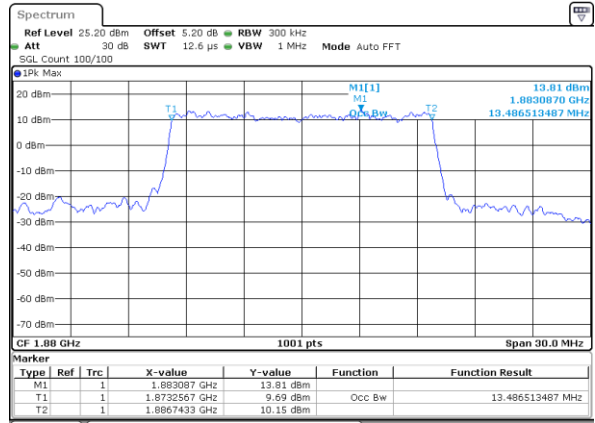
Date: 6 MAR 2019 12:43:19

Middle Channel / 15MHz / QPSK



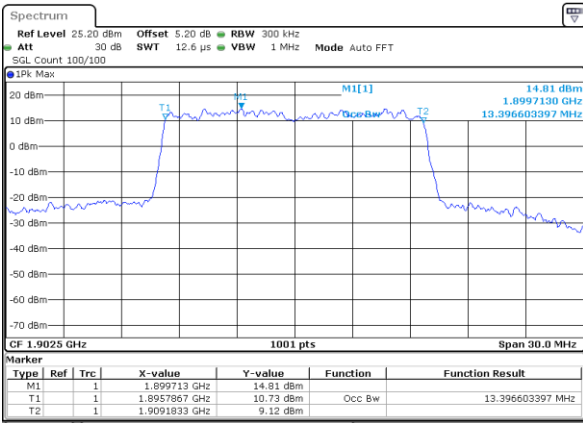
Date: 6 MAR 2019 12:48:19

Middle Channel / 15MHz / 16QAM



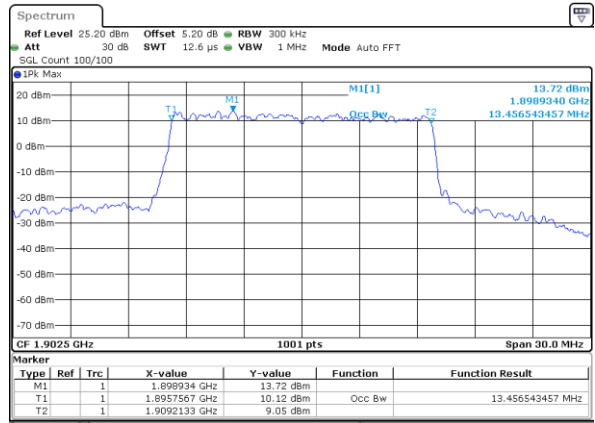
Date: 6 MAR 2019 12:48:29

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2019 12:49:00

Highest Channel / 15MHz / 16QAM

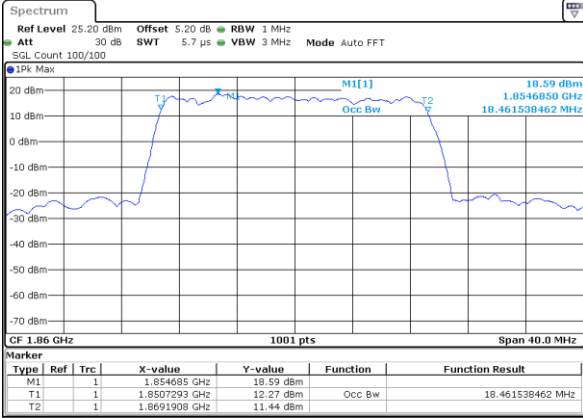


Date: 6 MAR 2019 12:49:10



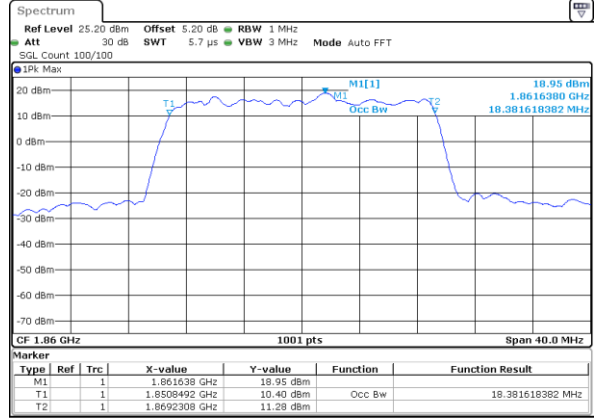
LTE Band 2

Lowest Channel / 20MHz / QPSK



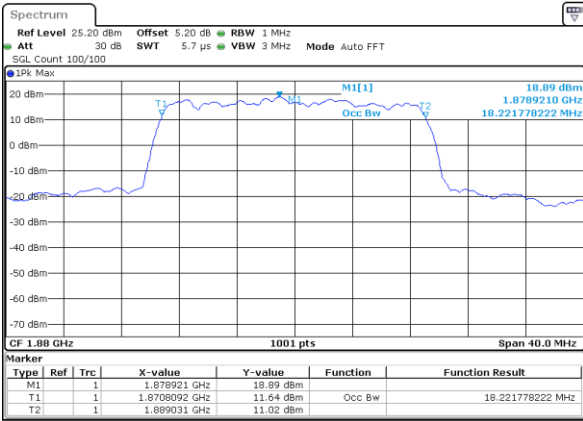
Date: 6 MAR 2019 13:34:07

Lowest Channel / 20MHz / 16QAM



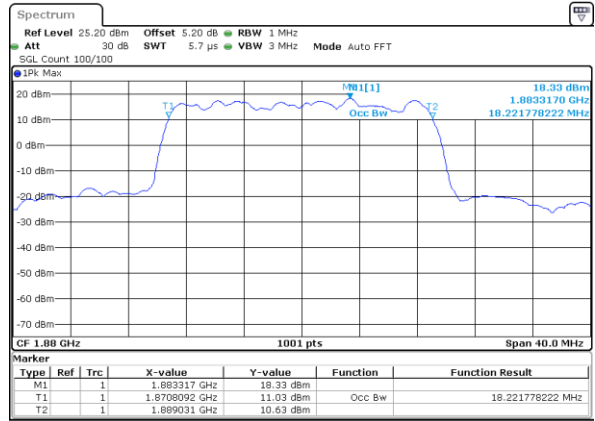
Date: 6 MAR 2019 12:54:20

Middle Channel / 20MHz / QPSK



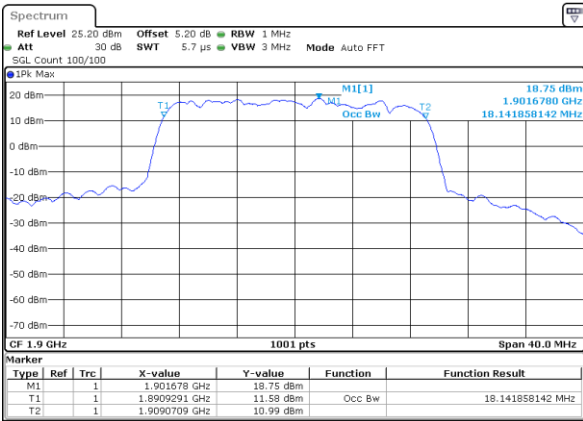
Date: 6 MAR 2019 13:34:38

Middle Channel / 20MHz / 16QAM



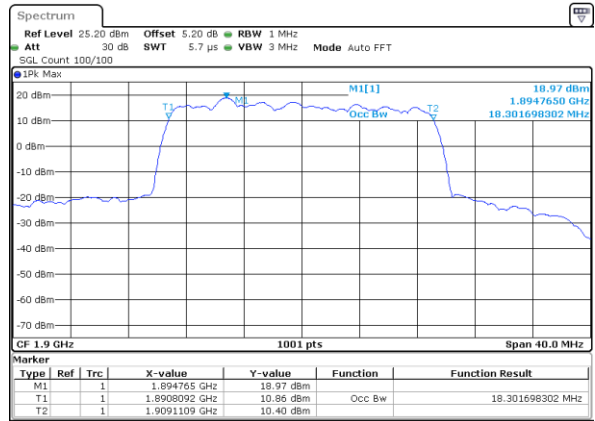
Date: 6 MAR 2019 13:34:48

Highest Channel / 20MHz / QPSK



Date: 6 MAR 2019 13:35:18

Highest Channel / 20MHz / 16QAM

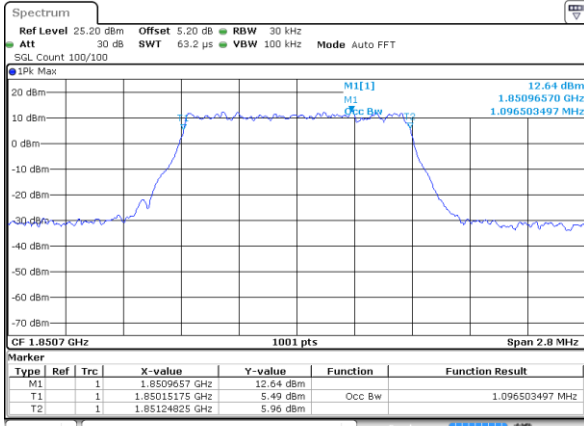


Date: 6 MAR 2019 13:35:28



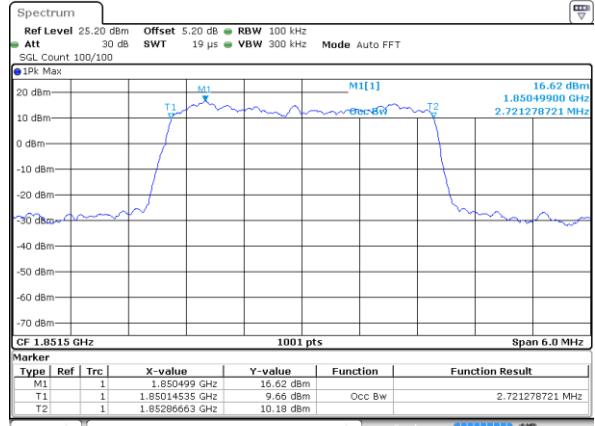
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



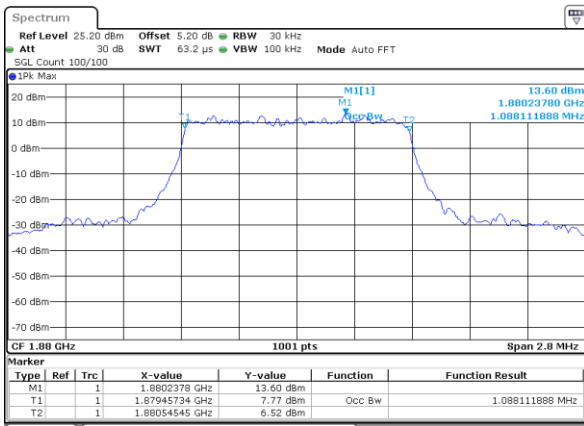
Date: 9 MAR 2019 10:05:15

Lowest Channel / 3MHz / 64QAM



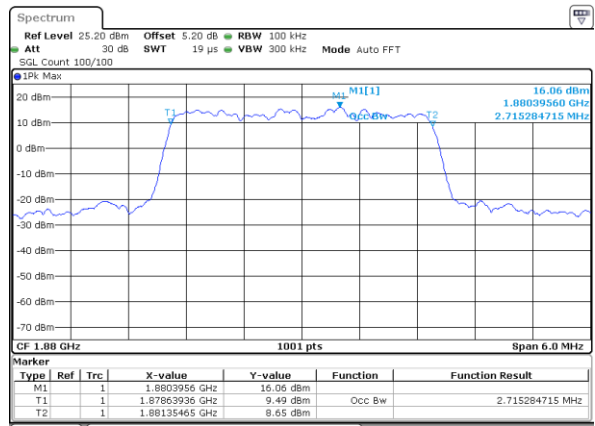
Date: 9 MAR 2019 10:00:09

Middle Channel / 1.4MHz / 64QAM



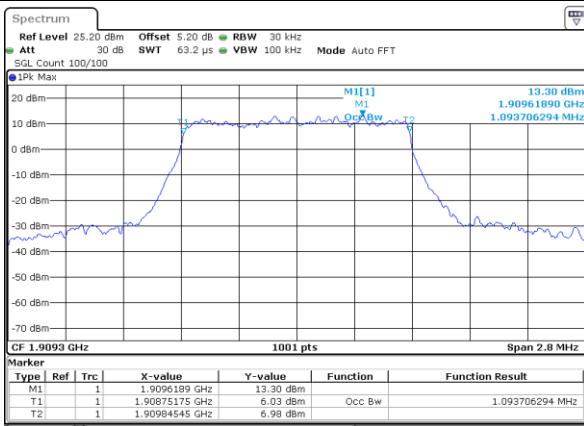
Date: 9 MAR 2019 10:04:55

Middle Channel / 3MHz / 64QAM



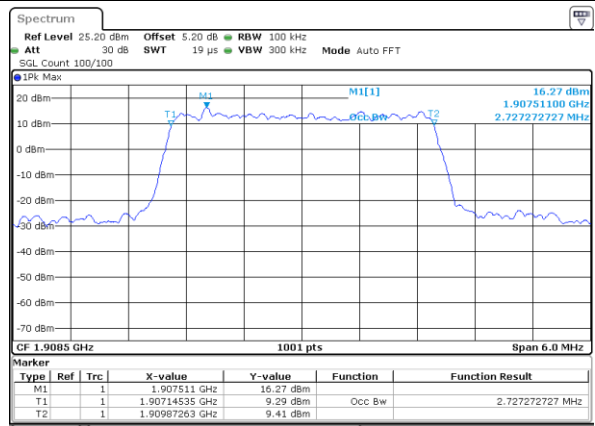
Date: 9 MAR 2019 10:03:16

Highest Channel / 1.4MHz / 64QAM



Date: 9 MAR 2019 10:10:30

Highest Channel / 3MHz / 64QAM

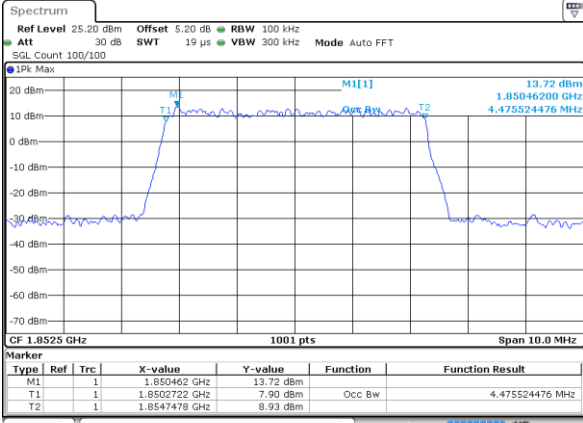


Date: 9 MAR 2019 10:00:24



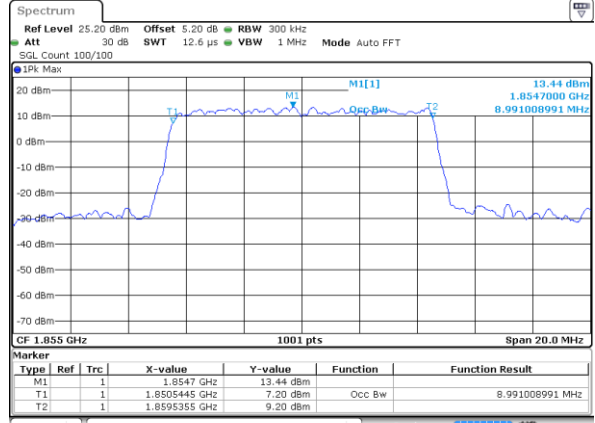
LTE Band 2

Lowest Channel / 5MHz / 64QAM



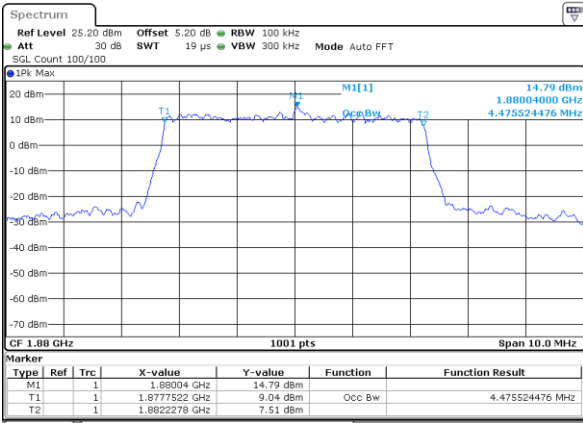
Date: 9 MAR 2019 09:55:52

Lowest Channel / 10MHz / 64QAM



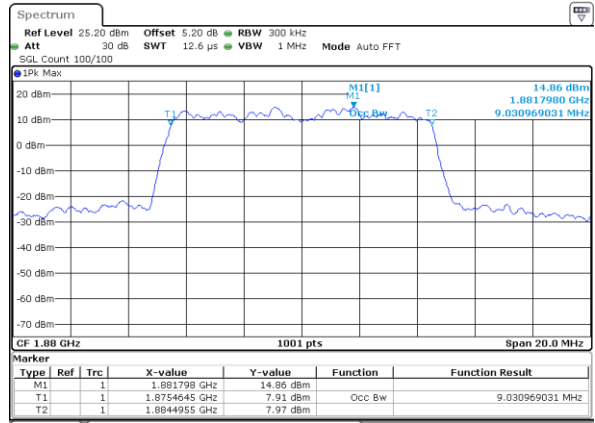
Date: 9 MAR 2019 10:10:09

Middle Channel / 5MHz / 64QAM



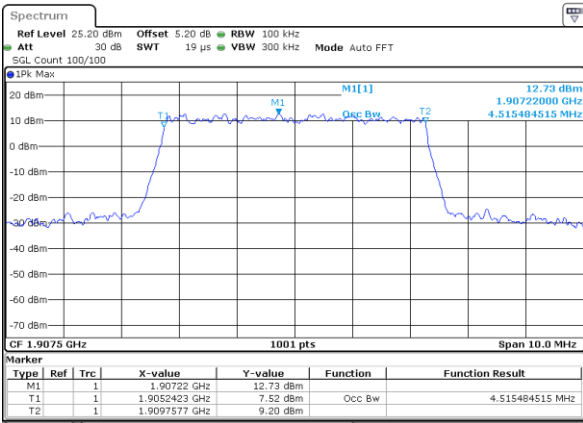
Date: 9 MAR 2019 09:55:32

Middle Channel / 10MHz / 64QAM



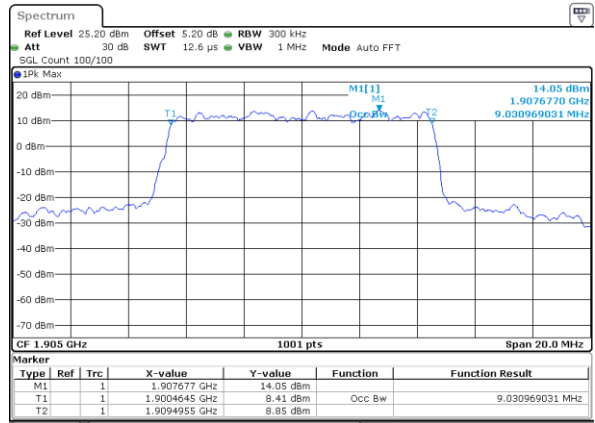
Date: 9 MAR 2019 10:10:59

Highest Channel / 5MHz / 64QAM



Date: 9 MAR 2019 09:56:14

Highest Channel / 10MHz / 64QAM

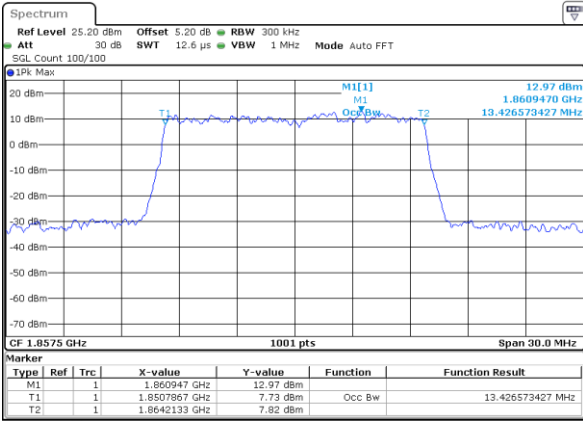


Date: 9 MAR 2019 10:13:31



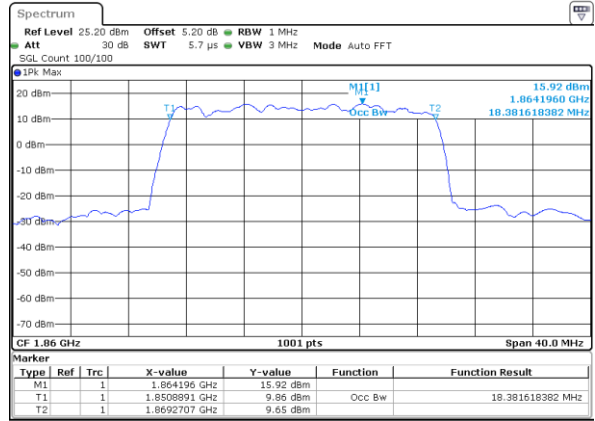
LTE Band 2

Lowest Channel / 15MHz / 64QAM



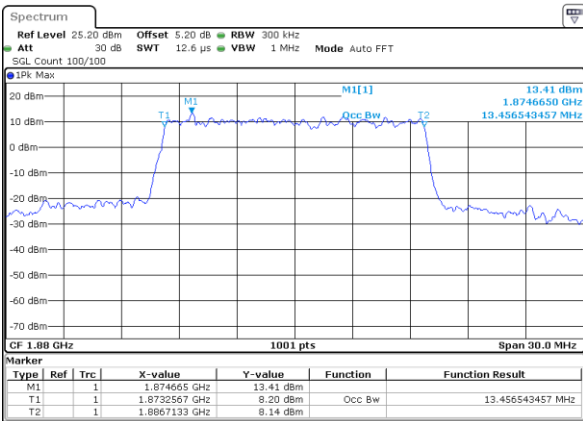
Date: 9 MAR 2019 10:22:20

Lowest Channel / 20MHz / 64QAM



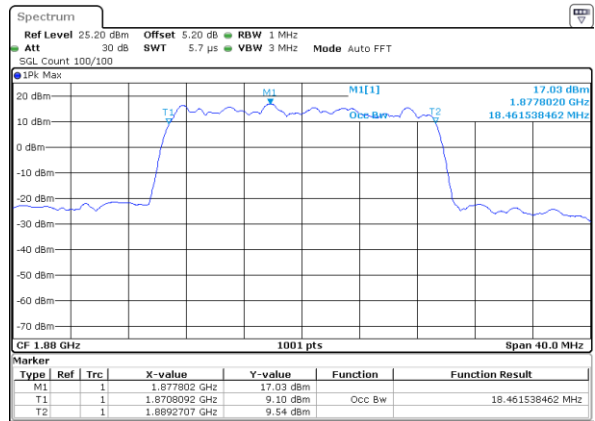
Date: 9 MAR 2019 10:28:03

Middle Channel / 15MHz / 64QAM



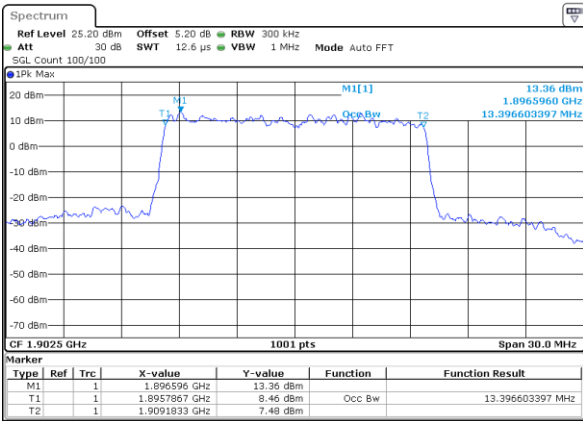
Date: 9 MAR 2019 10:18:44

Middle Channel / 20MHz / 64QAM



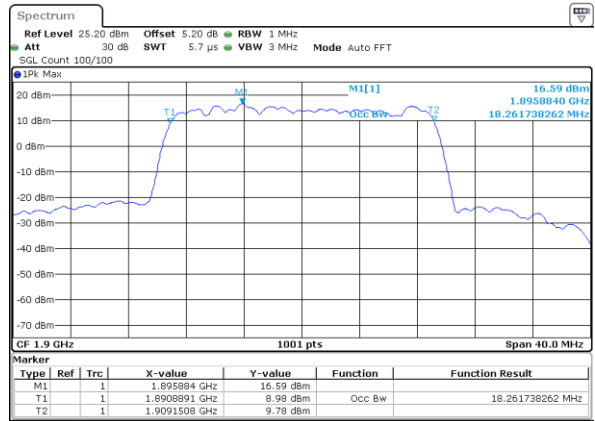
Date: 9 MAR 2019 10:24:50

Highest Channel / 15MHz / 64QAM



Date: 9 MAR 2019 10:24:03

Highest Channel / 20MHz / 64QAM

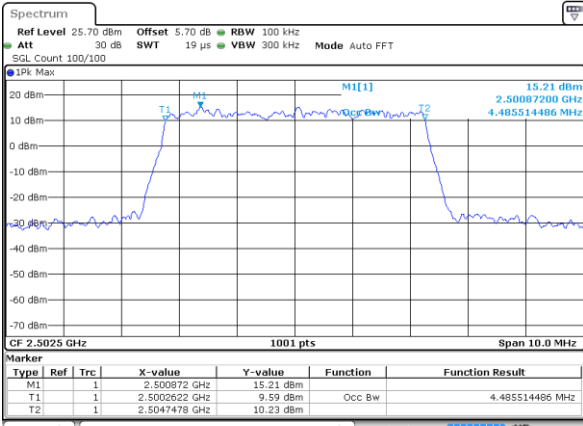


Date: 9 MAR 2019 10:25:30



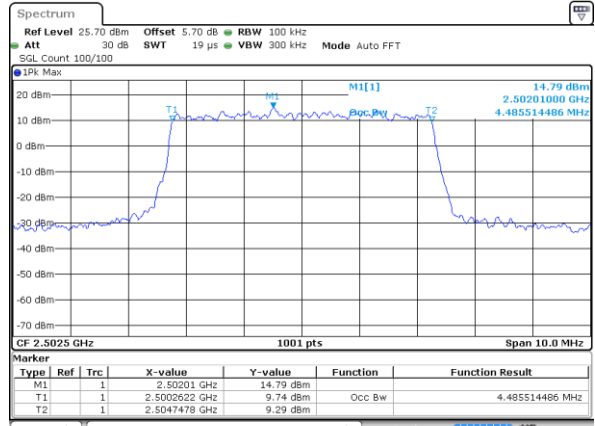
LTE Band 7

Lowest Channel / 5MHz / QPSK



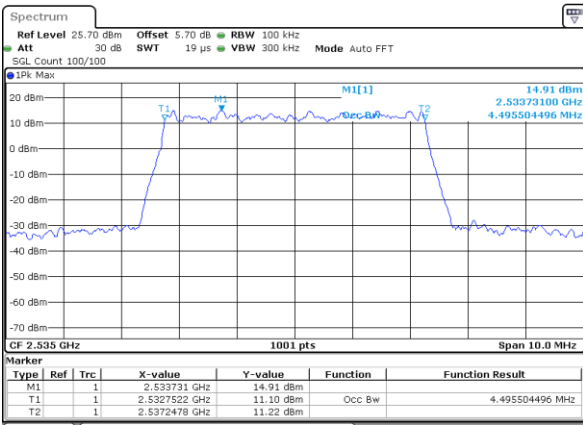
Date: 6 MAR 2019 10:43:39

Lowest Channel / 5MHz / 16QAM



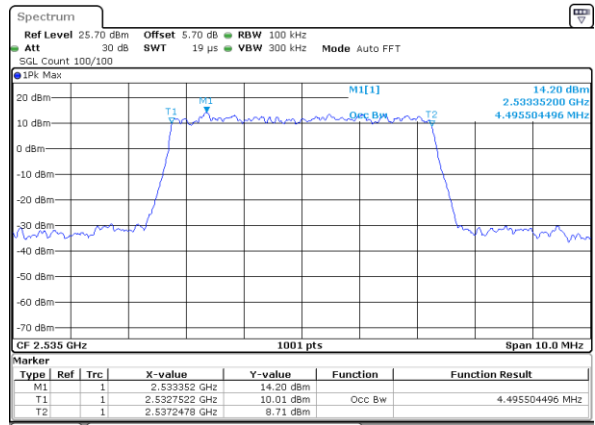
Date: 6 MAR 2019 10:43:59

Middle Channel / 5MHz / QPSK



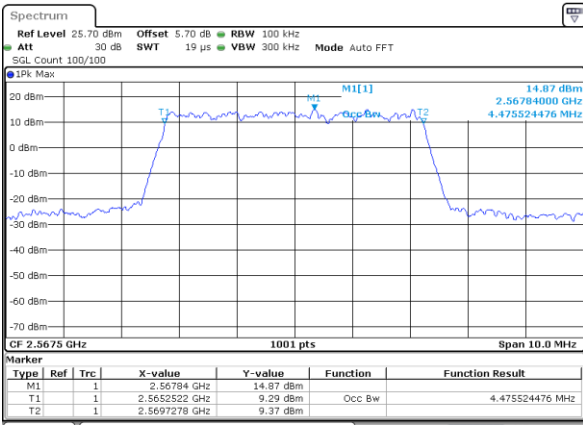
Date: 6 MAR 2019 10:44:39

Middle Channel / 5MHz / 16QAM



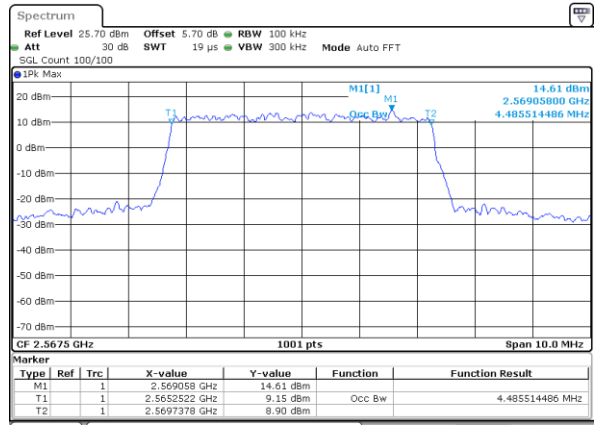
Date: 6 MAR 2019 10:44:19

Highest Channel / 5MHz / QPSK



Date: 6 MAR 2019 10:45:00

Highest Channel / 5MHz / 16QAM

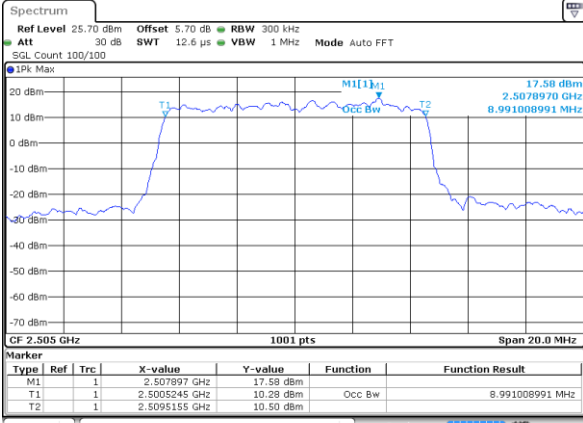


Date: 6 MAR 2019 10:45:20



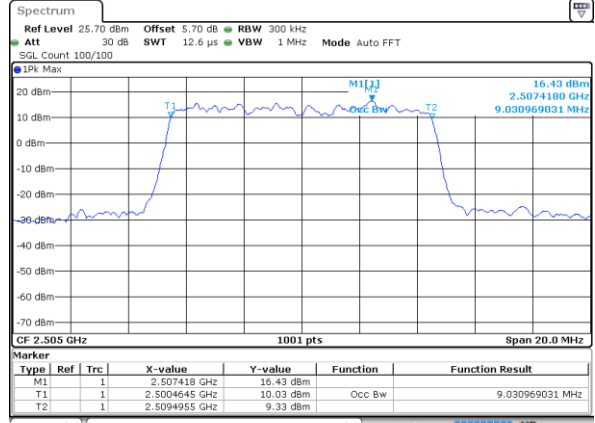
LTE Band 7

Lowest Channel / 10MHz / QPSK



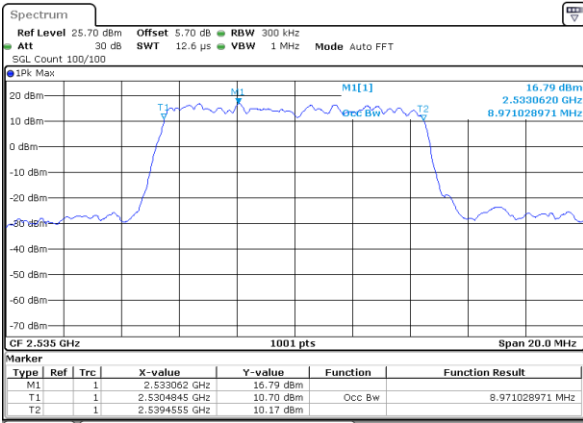
Date: 6 MAR 2019 10:53:38

Lowest Channel / 10MHz / 16QAM



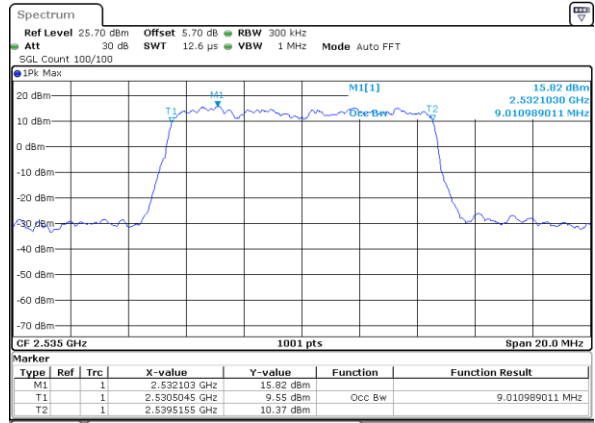
Date: 6 MAR 2019 10:53:58

Middle Channel / 10MHz / QPSK



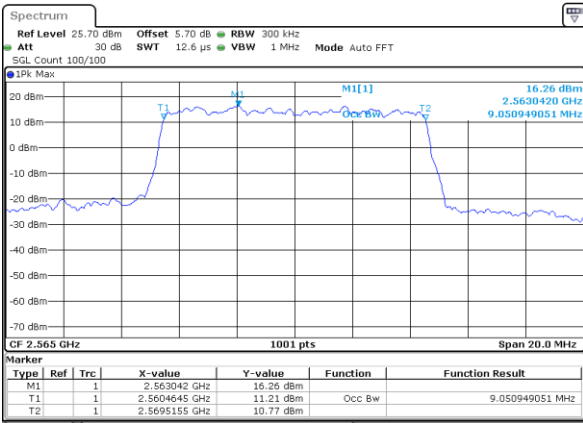
Date: 6 MAR 2019 10:54:38

Middle Channel / 10MHz / 16QAM



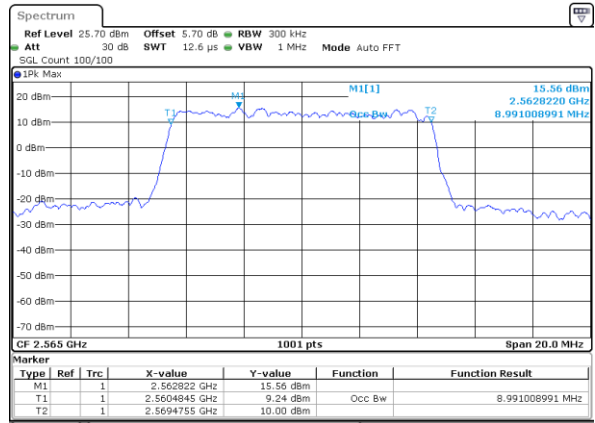
Date: 6 MAR 2019 10:54:18

Highest Channel / 10MHz / QPSK



Date: 6 MAR 2019 10:54:58

Highest Channel / 10MHz / 16QAM

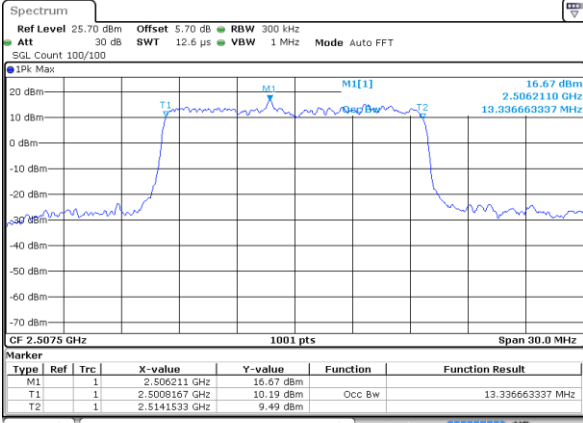


Date: 6 MAR 2019 10:55:19



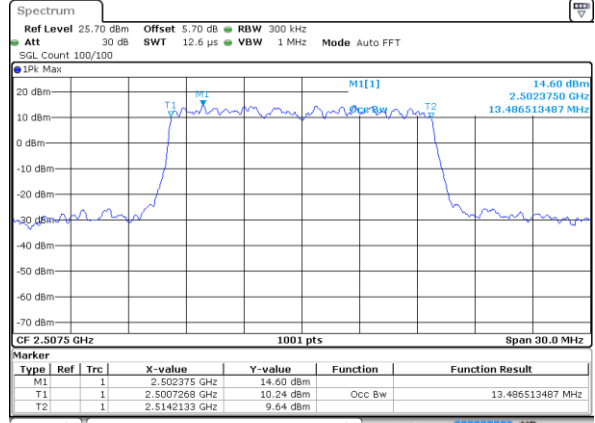
LTE Band 7

Lowest Channel / 15MHz / QPSK



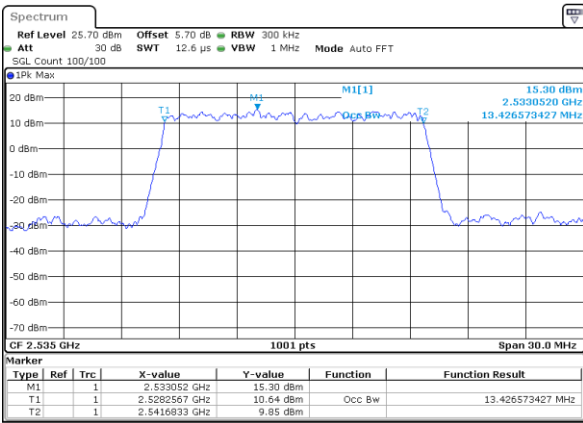
Date: 6 MAR 2019 11:05:03

Lowest Channel / 15MHz / 16QAM



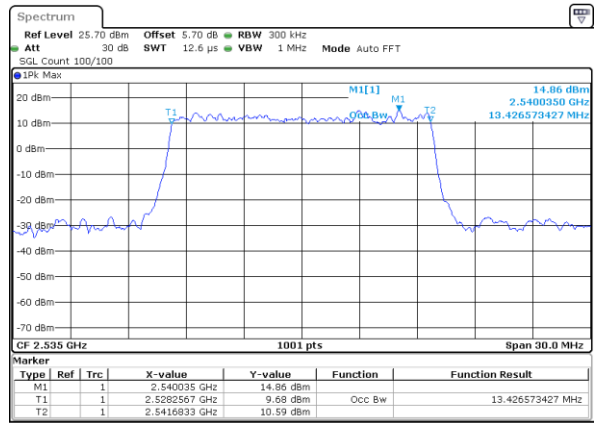
Date: 6 MAR 2019 11:04:43

Middle Channel / 15MHz / QPSK



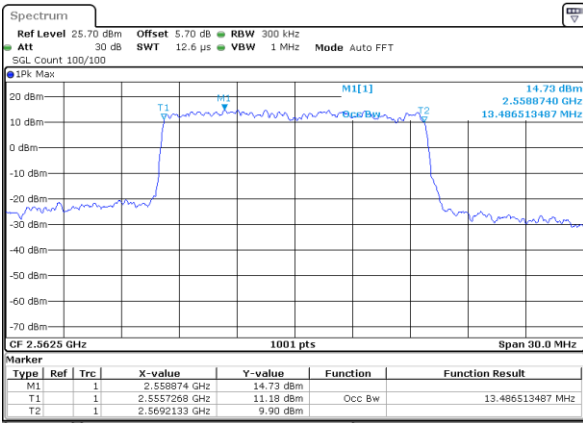
Date: 6 MAR 2019 11:05:23

Middle Channel / 15MHz / 16QAM



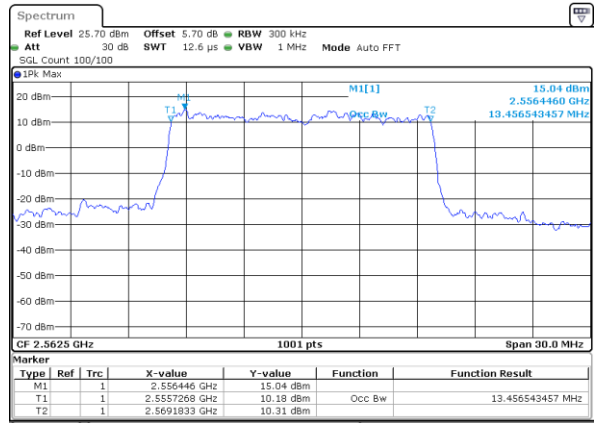
Date: 6 MAR 2019 11:05:43

Highest Channel / 15MHz / QPSK



Date: 6 MAR 2019 11:06:23

Highest Channel / 15MHz / 16QAM

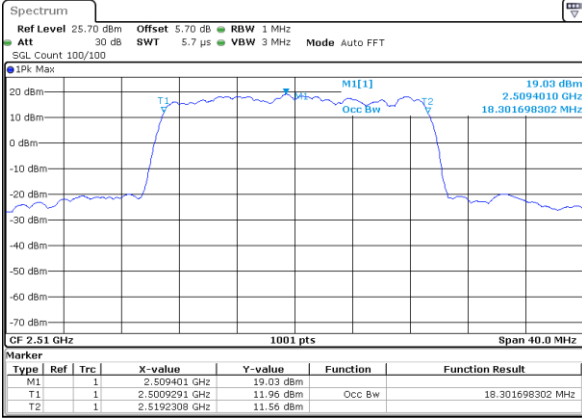


Date: 6 MAR 2019 11:06:03



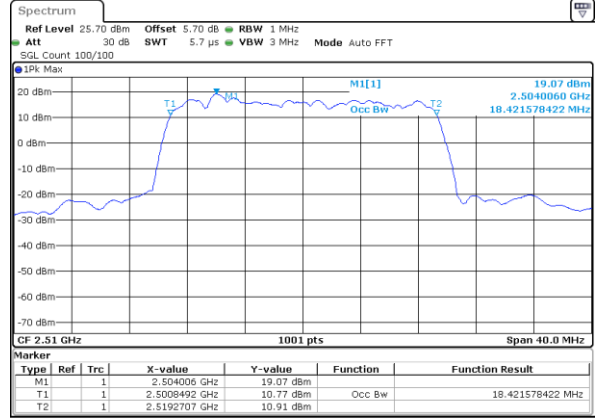
LTE Band 7

Lowest Channel / 20MHz / QPSK



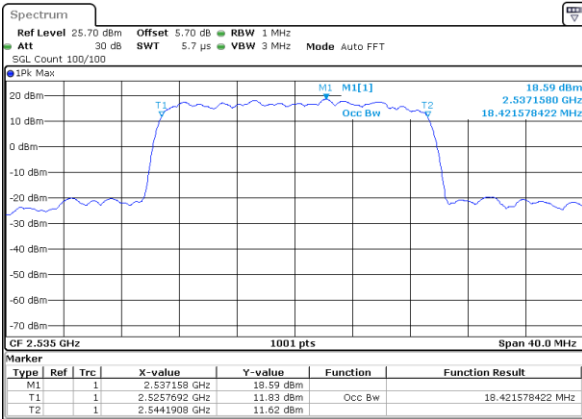
Date: 6 MAR 2019 11:16:09

Lowest Channel / 20MHz / 16QAM



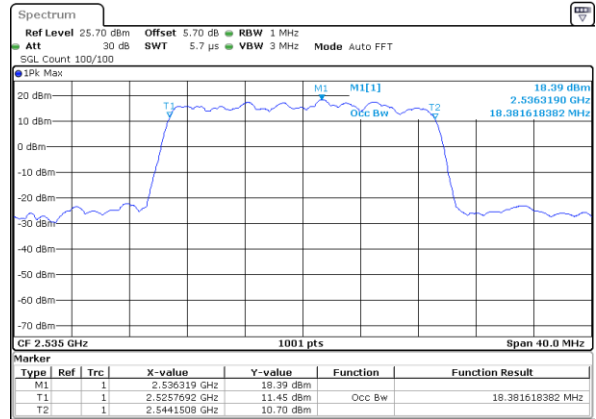
Date: 6 MAR 2019 11:15:49

Middle Channel / 20MHz / QPSK



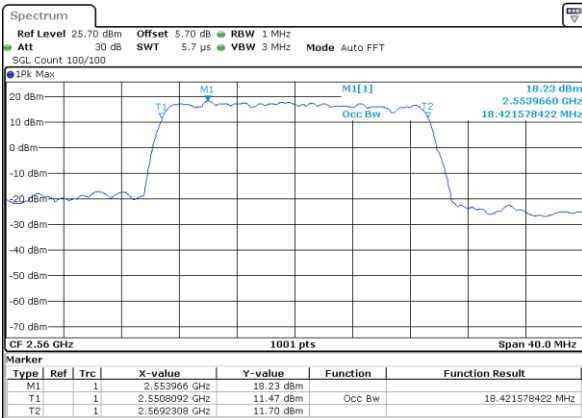
Date: 6 MAR 2019 11:16:29

Middle Channel / 20MHz / 16QAM



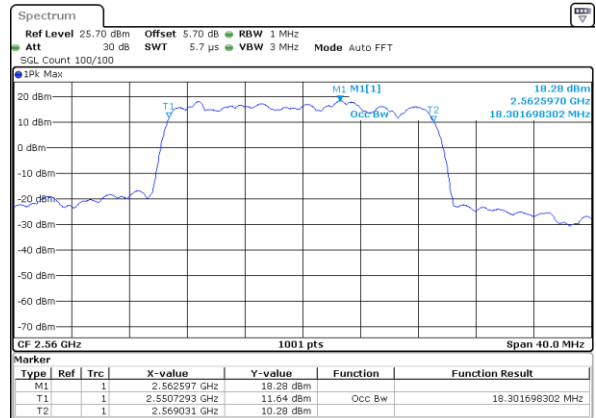
Date: 6 MAR 2019 11:16:49

Highest Channel / 20MHz / QPSK



Date: 6 MAR 2019 11:17:30

Highest Channel / 20MHz / 16QAM

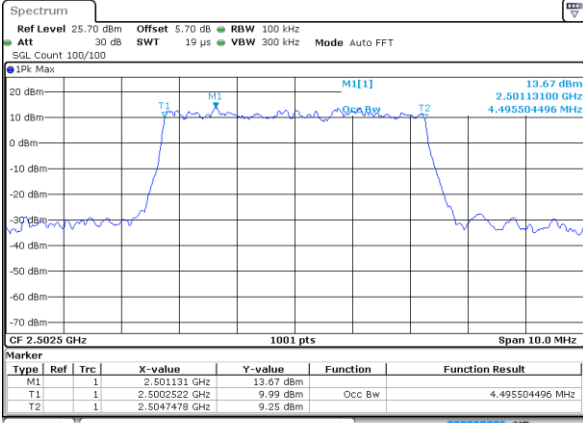


Date: 6 MAR 2019 11:17:10



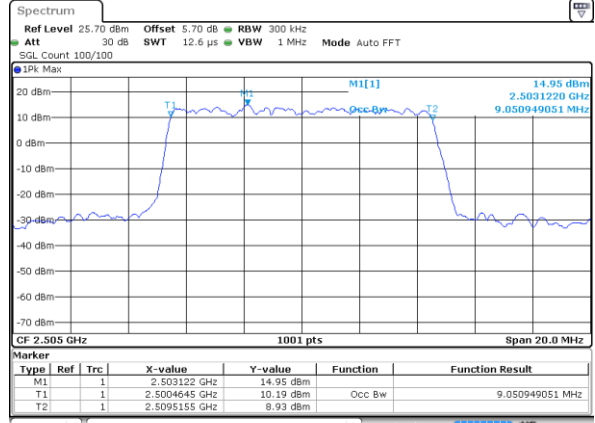
LTE Band 7

Lowest Channel / 5MHz / 64QAM



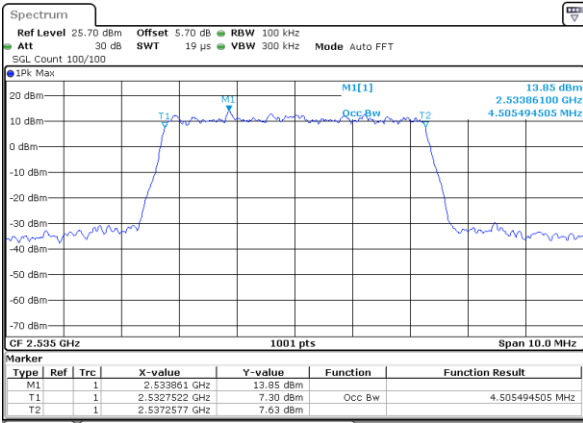
Date: 6 MAR 2019 11:26:55

Lowest Channel / 10MHz / 64QAM



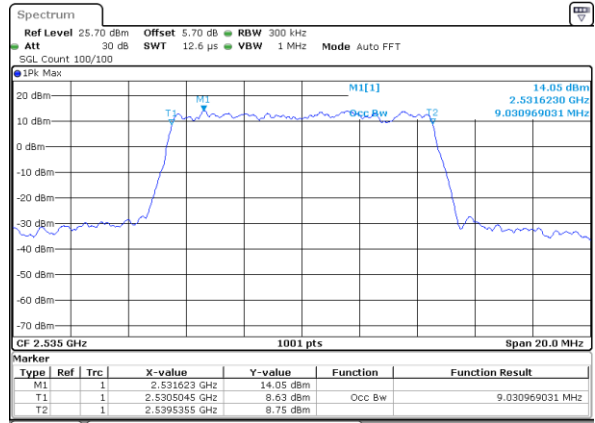
Date: 6 MAR 2019 11:32:29

Middle Channel / 5MHz / 64QAM



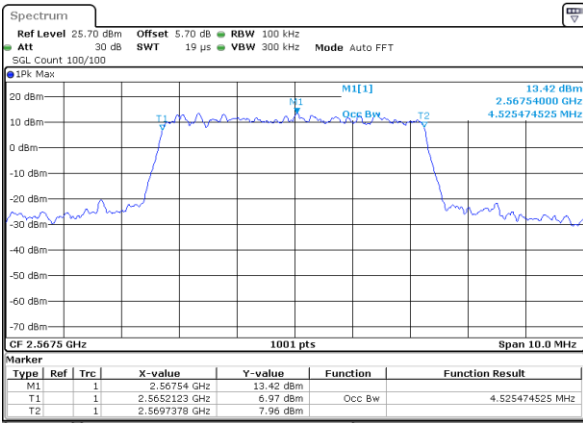
Date: 6 MAR 2019 11:27:06

Middle Channel / 10MHz / 64QAM



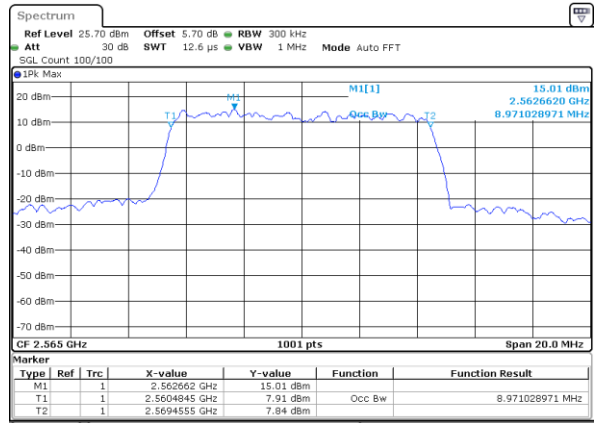
Date: 6 MAR 2019 11:32:29

Highest Channel / 5MHz / 64QAM



Date: 6 MAR 2019 11:27:16

Highest Channel / 10MHz / 64QAM

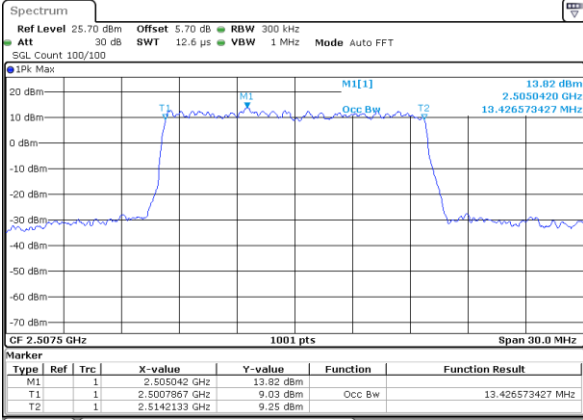


Date: 6 MAR 2019 11:32:49



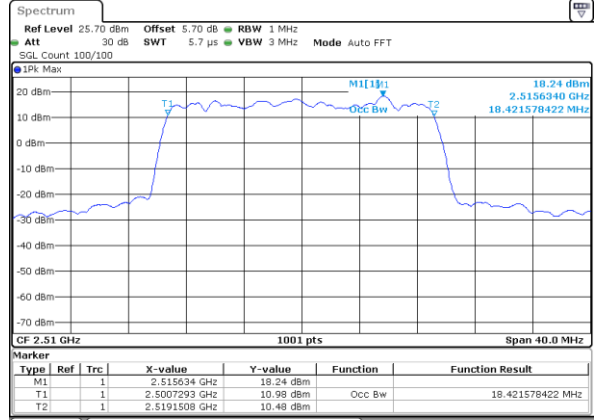
LTE Band 7

Lowest Channel / 15MHz / 64QAM



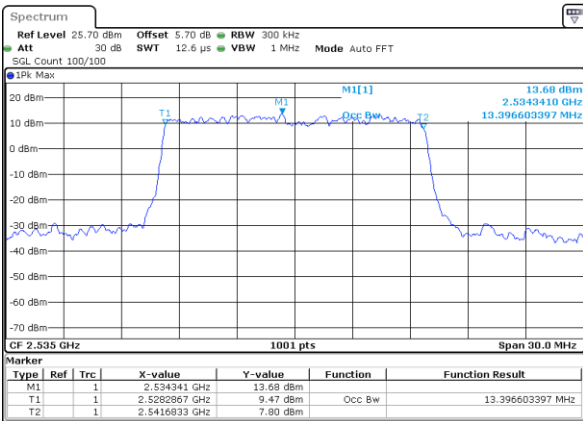
Date: 6 MAR 2019 11:38:02

Lowest Channel / 20MHz / 64QAM



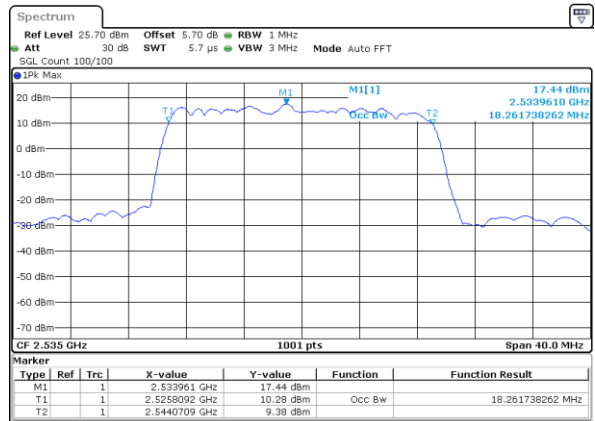
Date: 6 MAR 2019 11:43:35

Middle Channel / 15MHz / 64QAM



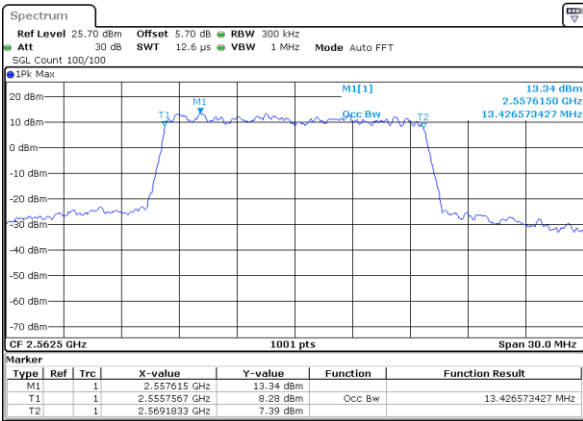
Date: 6 MAR 2019 11:38:12

Middle Channel / 20MHz / 64QAM



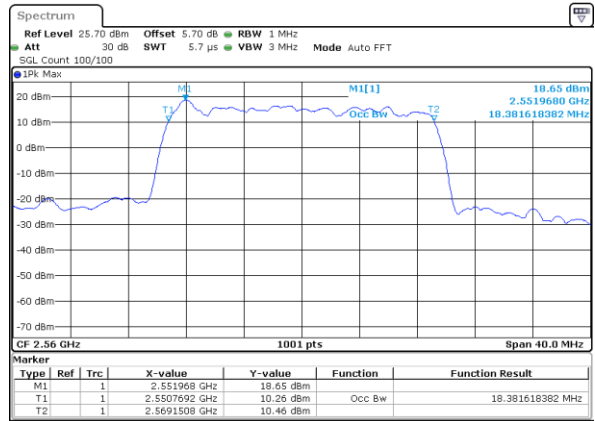
Date: 6 MAR 2019 11:43:45

Highest Channel / 15MHz / 64QAM



Date: 6 MAR 2019 11:38:22

Highest Channel / 20MHz / 64QAM

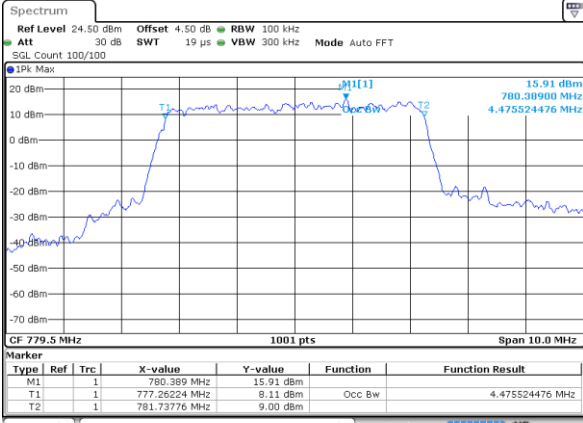


Date: 6 MAR 2019 11:43:55

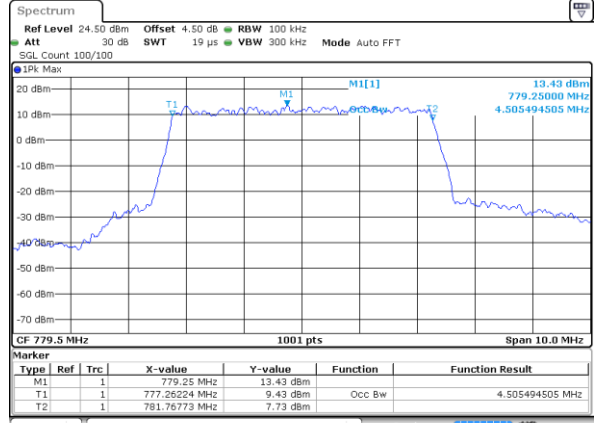


LTE Band 13

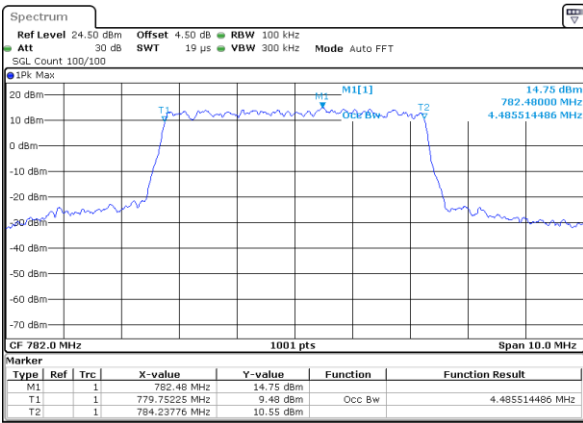
Lowest Channel / 5MHz / QPSK



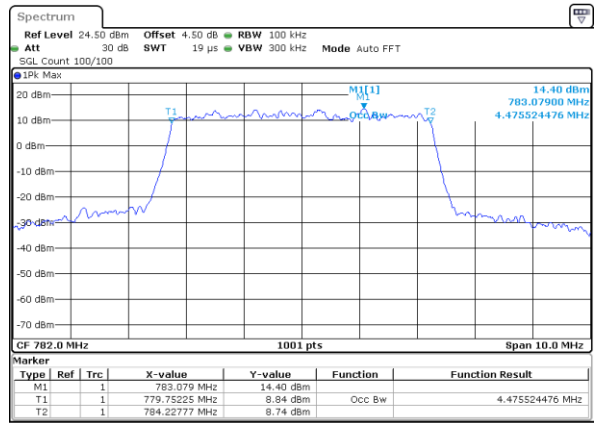
Lowest Channel / 5MHz / 16QAM



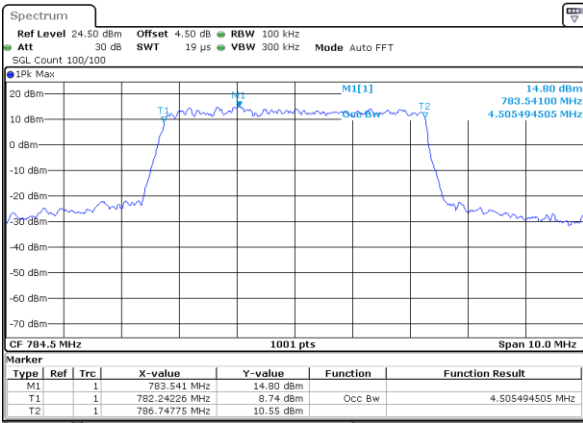
Middle Channel / 5MHz / QPSK



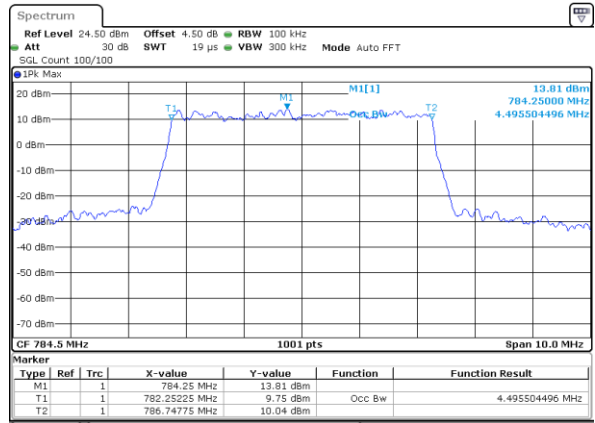
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



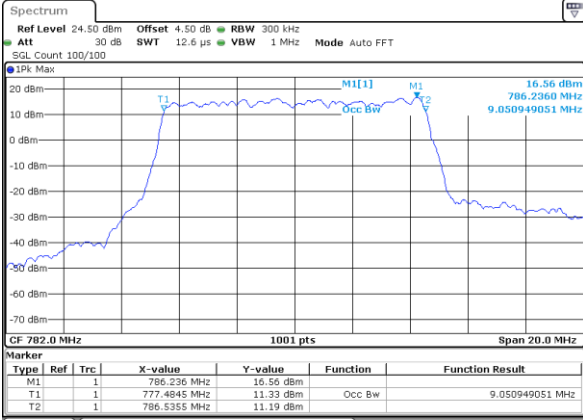
Highest Channel / 5MHz / 16QAM





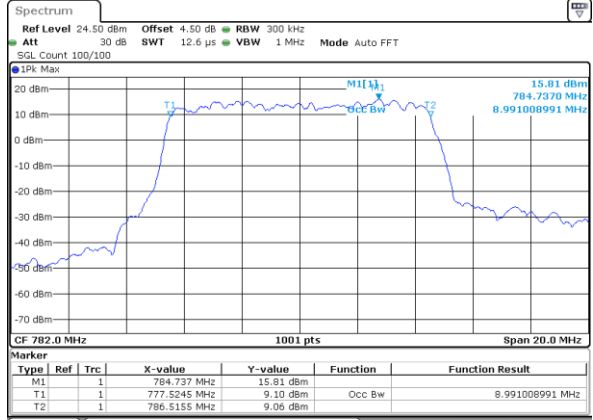
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 7 MAR 2019 20:09:33

Middle Channel / 10MHz / 16QAM

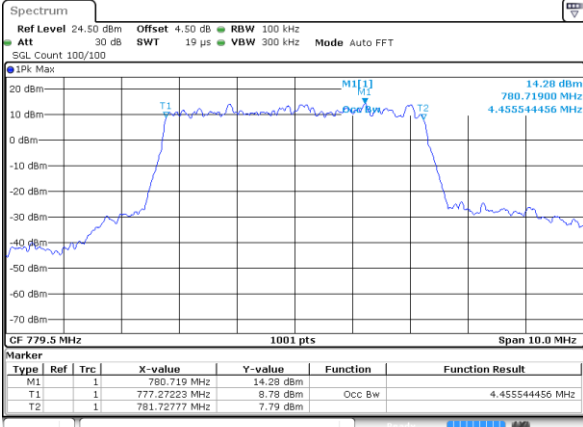


Date: 7 MAR 2019 20:09:44



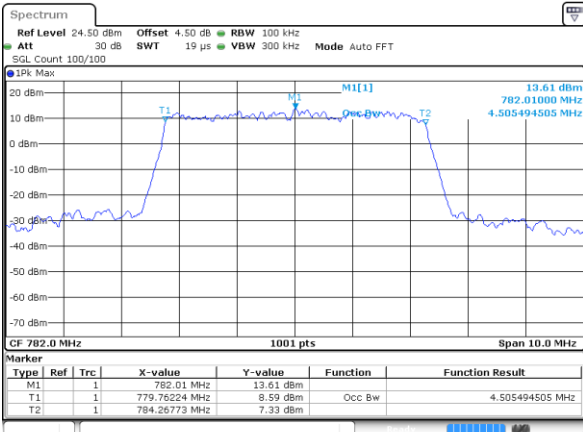
LTE Band 13

Lowest Channel / 5MHz / 64QAM



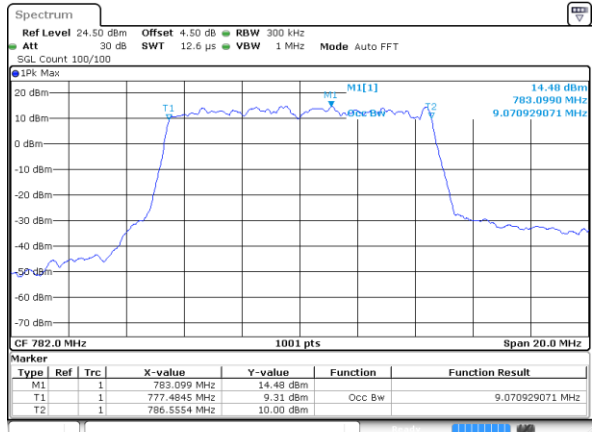
Date: 7 MAR 2019 20:19:39

Middle Channel / 5MHz / 64QAM



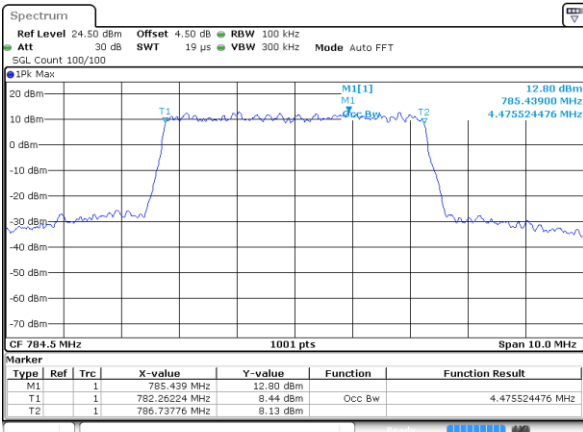
Date: 7 MAR 2019 20:19:50

Middle Channel / 10MHz / 64QAM



Date: 7 MAR 2019 20:27:11

Highest Channel / 5MHz / 64QAM



Date: 7 MAR 2019 20:20:00



Conducted Band Edge

