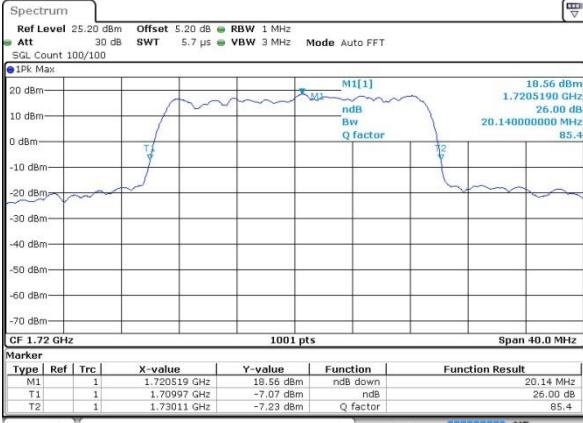




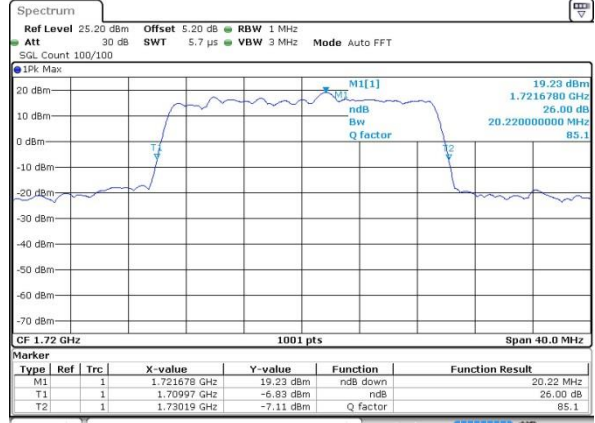
LTE Band 66

Lowest Channel / 20MHz / QPSK



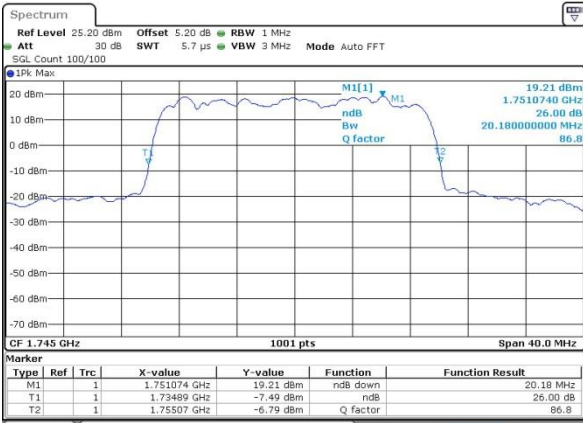
Date: 3 MAR 2019 11:06:04

Lowest Channel / 20MHz / 16QAM



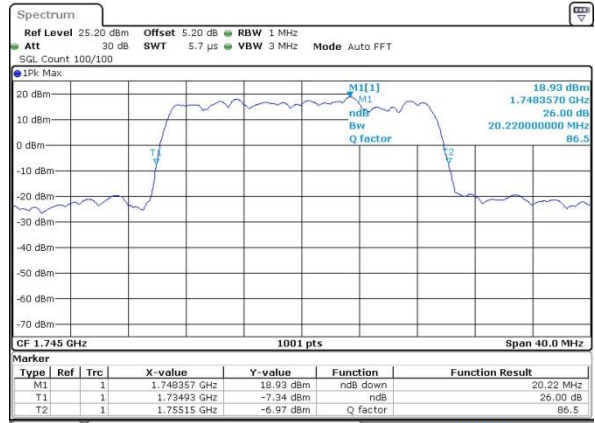
Date: 3 MAR 2019 11:06:41

Middle Channel / 20MHz / QPSK



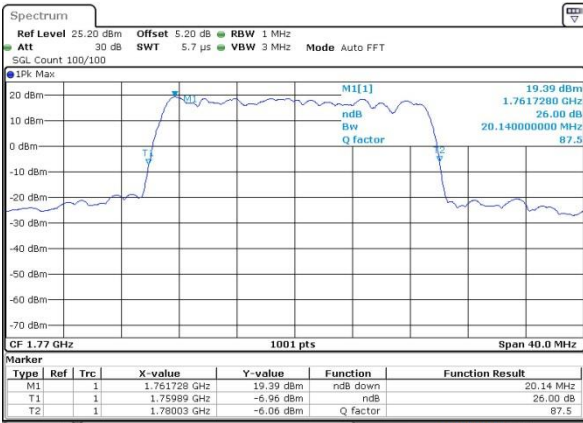
Date: 3 MAR 2019 11:06:39

Middle Channel / 20MHz / 16QAM



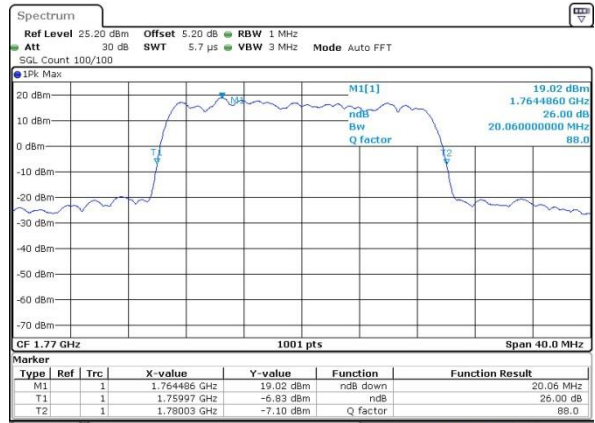
Date: 3 MAR 2019 11:08:34

Highest Channel / 20MHz / QPSK



Date: 3 MAR 2019 11:07:20

Highest Channel / 20MHz / 16QAM

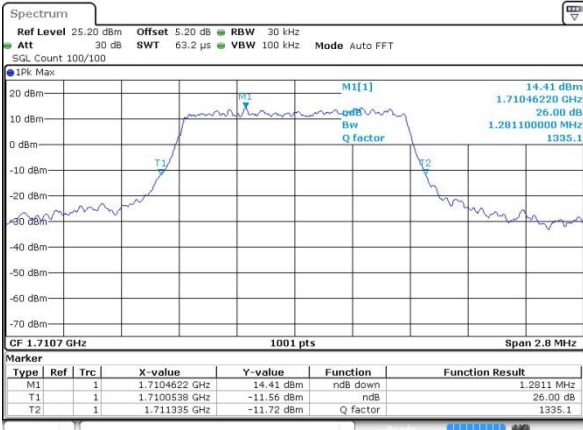


Date: 3 MAR 2019 11:10:12



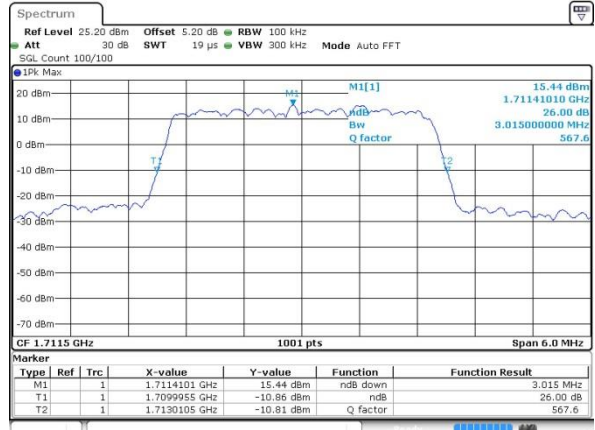
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



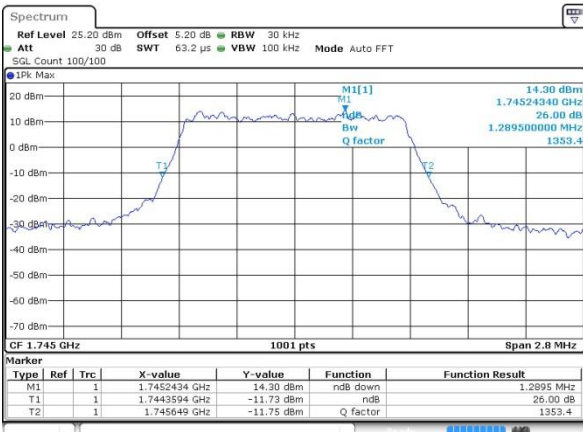
Date: 3 MAR 2019 09:59:40

Lowest Channel / 3MHz / 64QAM



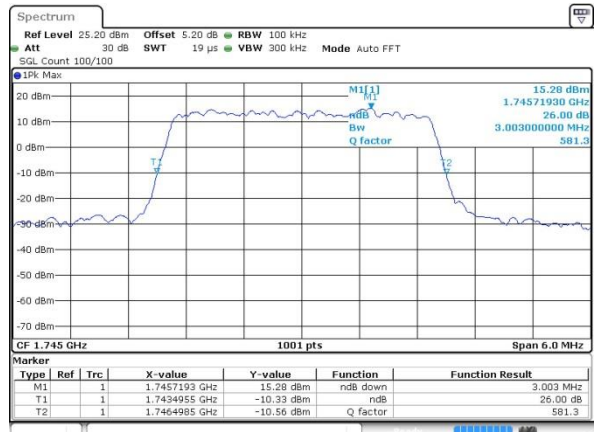
Date: 3 MAR 2019 10:13:26

Middle Channel / 1.4MHz / 64QAM



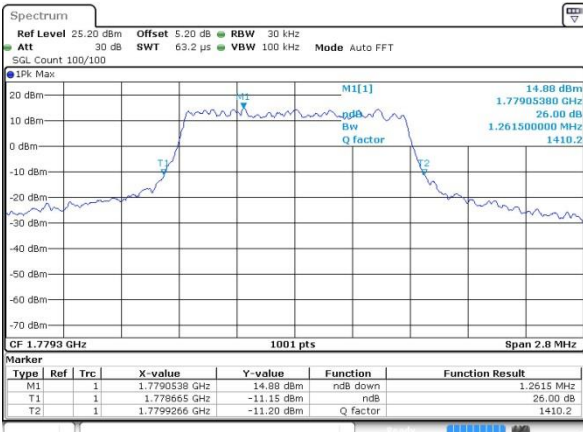
Date: 3 MAR 2019 15:32:44

Middle Channel / 3MHz / 64QAM



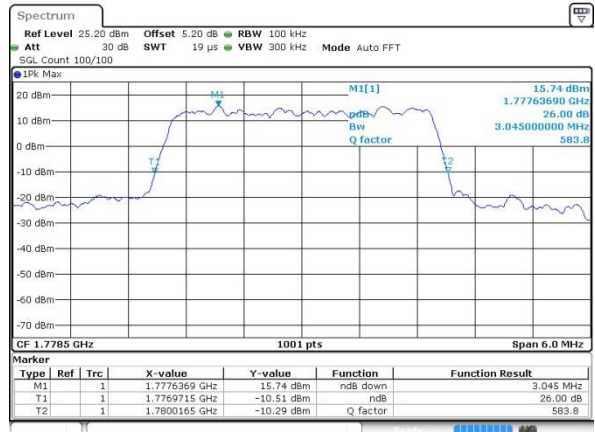
Date: 3 MAR 2019 10:13:56

Highest Channel / 1.4MHz / 64QAM



Date: 3 MAR 2019 10:01:09

Highest Channel / 3MHz / 64QAM

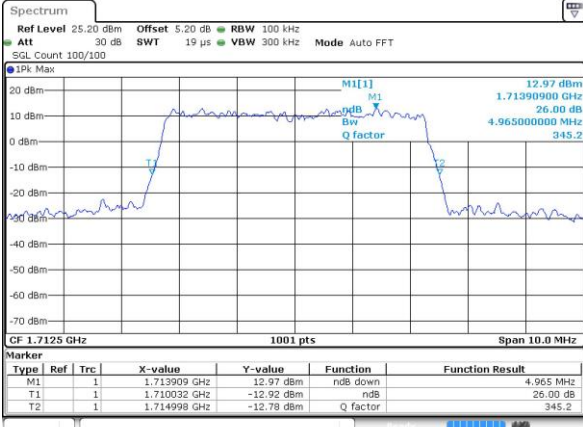


Date: 3 MAR 2019 10:15:00



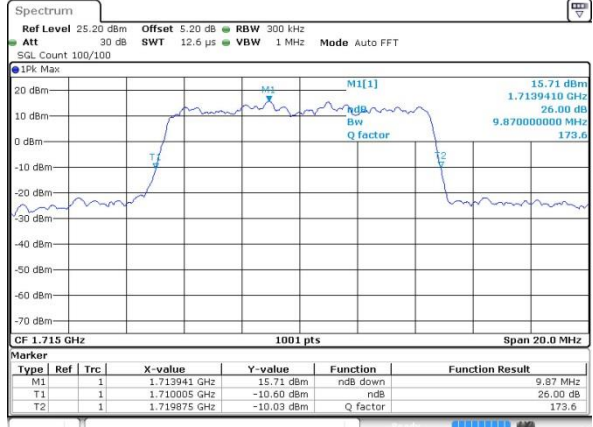
LTE Band 66

Lowest Channel / 5MHz / 64QAM



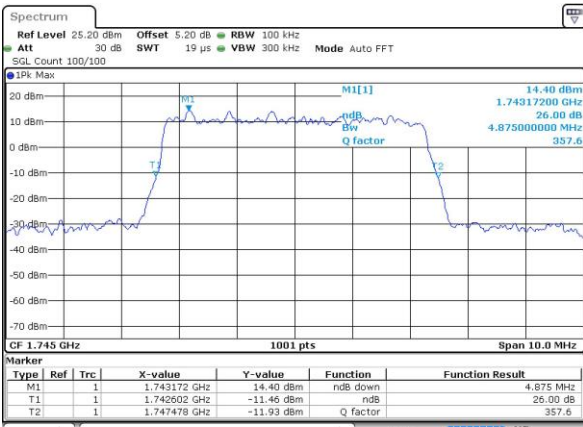
Date: 3 MAR 2019 10:36:46

Lowest Channel / 10MHz / 64QAM



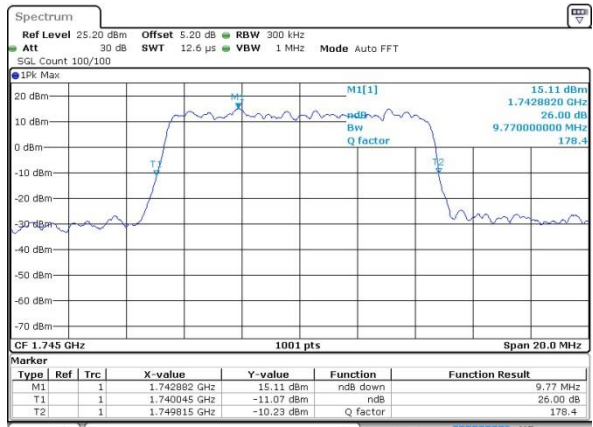
Date: 3 MAR 2019 10:47:55

Middle Channel / 5MHz / 64QAM



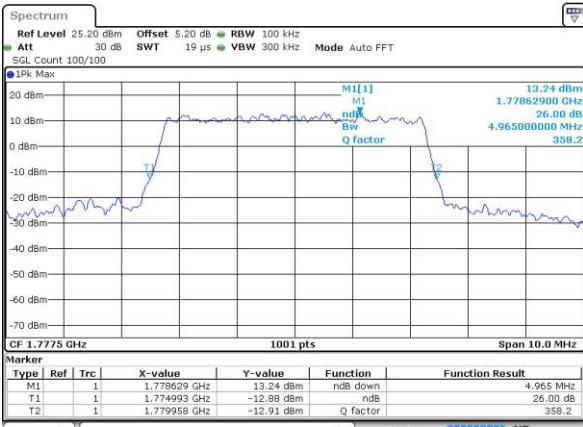
Date: 3 MAR 2019 10:37:45

Middle Channel / 10MHz / 64QAM



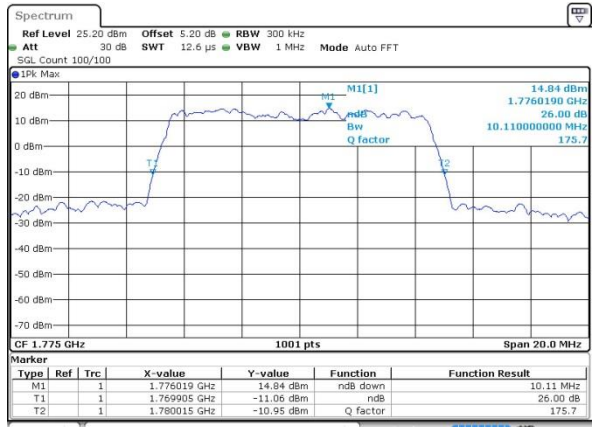
Date: 3 MAR 2019 10:48:26

Highest Channel / 5MHz / 64QAM



Date: 3 MAR 2019 10:38:20

Highest Channel / 10MHz / 64QAM

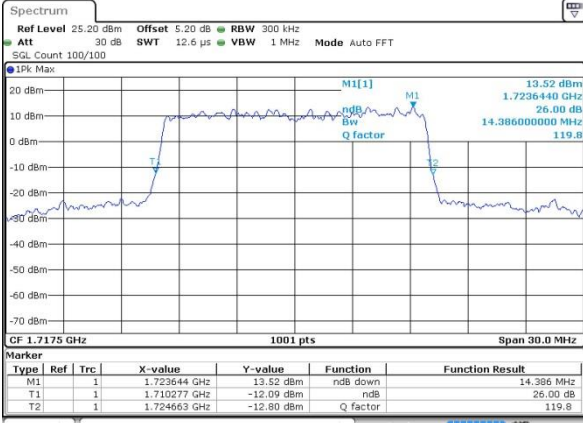


Date: 3 MAR 2019 10:49:13



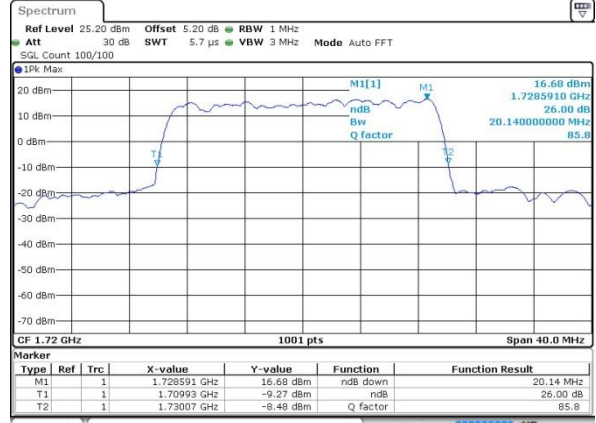
LTE Band 66

Lowest Channel / 15MHz / 64QAM



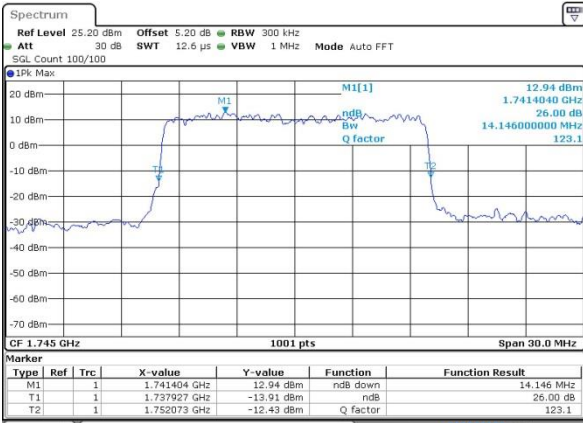
Date: 3 MAR 2019 11:02:21

Lowest Channel / 20MHz / 64QAM



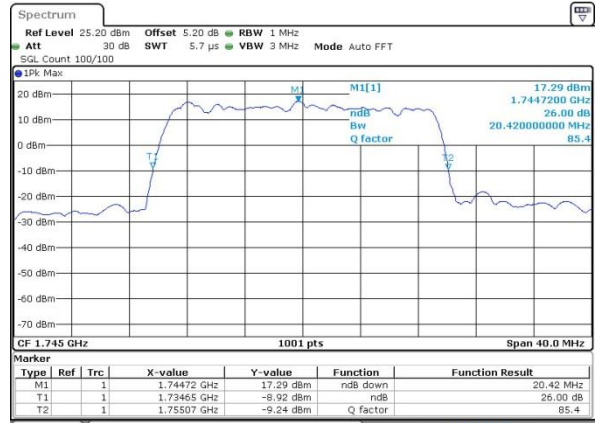
Date: 3 MAR 2019 11:11:28

Middle Channel / 15MHz / 64QAM



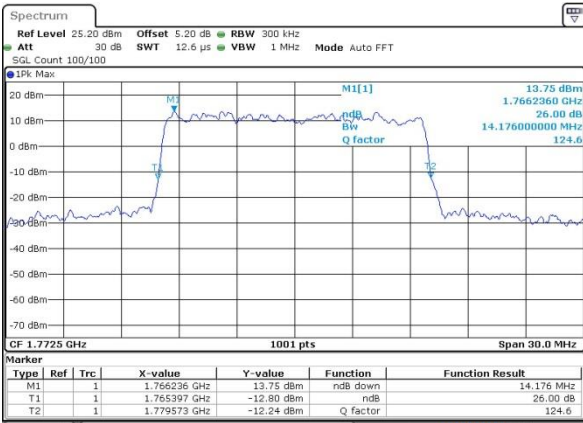
Date: 3 MAR 2019 11:02:52

Middle Channel / 20MHz / 64QAM



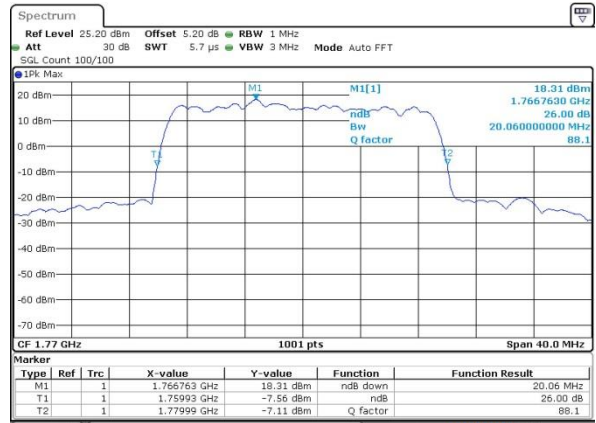
Date: 3 MAR 2019 11:11:59

Highest Channel / 15MHz / 64QAM



Date: 3 MAR 2019 11:03:41

Highest Channel / 20MHz / 64QAM

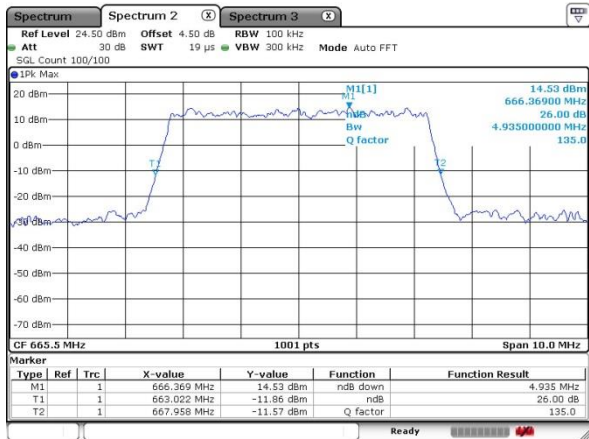


Date: 3 MAR 2019 11:13:03



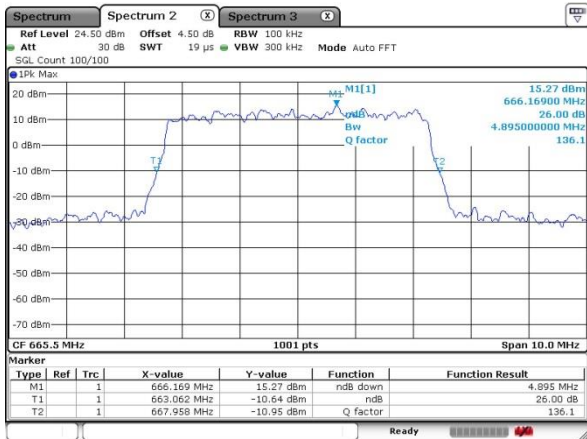
LTE Band 71

Lowest Channel / 5MHz / QPSK



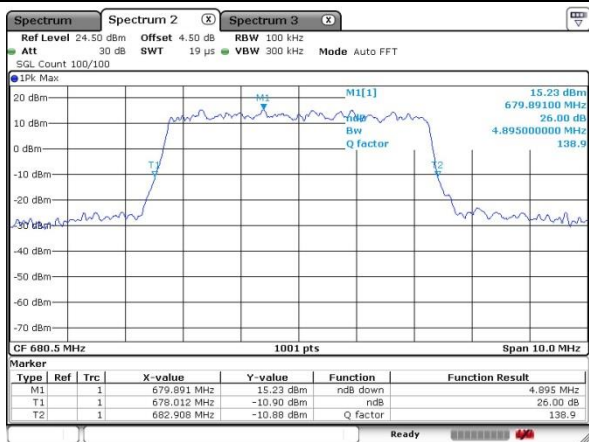
Date: 12 MAR 2019 22:41:24

Lowest Channel / 5MHz / 16QAM



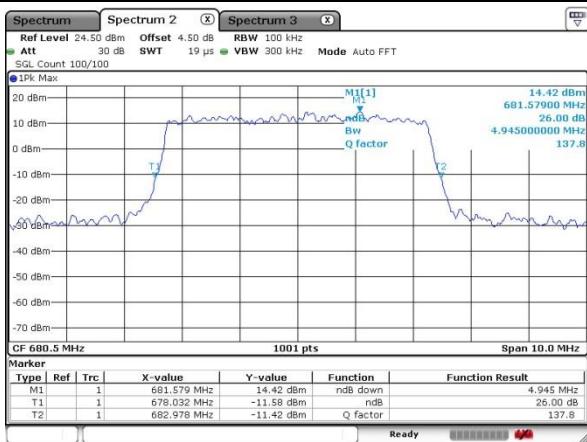
Date: 12 MAR 2019 22:43:33

Middle Channel / 5MHz / QPSK



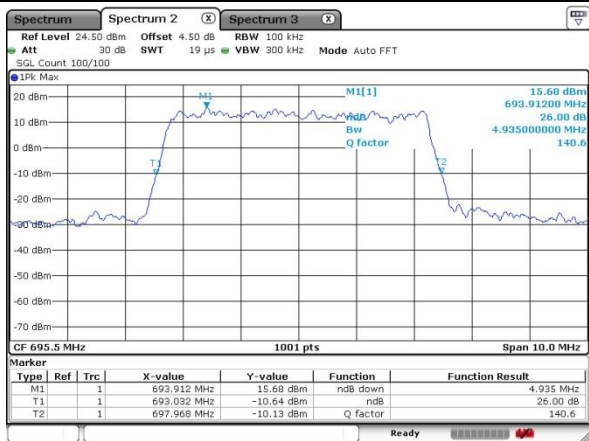
Date: 12 MAR 2019 22:48:13

Middle Channel / 5MHz / 16QAM



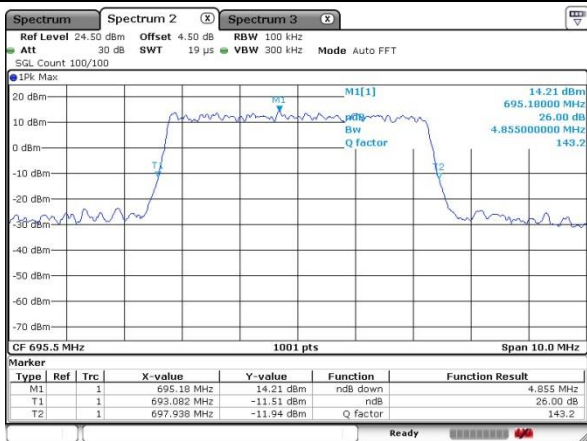
Date: 12 MAR 2019 22:48:24

Highest Channel / 5MHz / QPSK



Date: 12 MAR 2019 22:55:27

Highest Channel / 5MHz / 16QAM

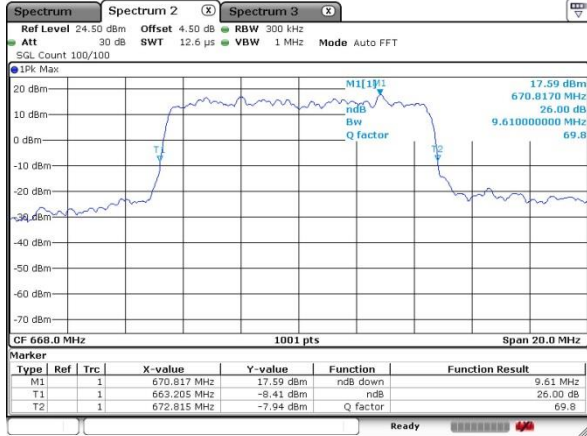


Date: 12 MAR 2019 22:54:57



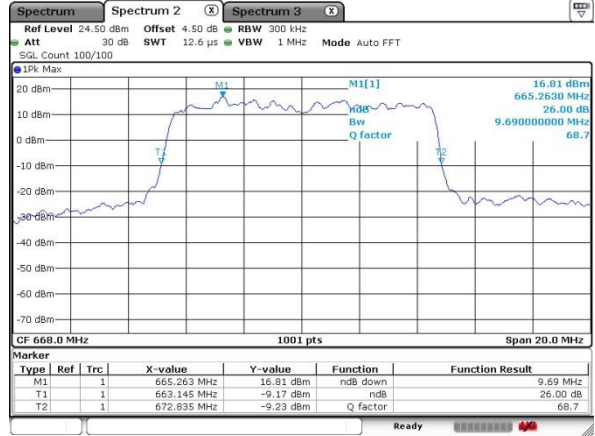
LTE Band 71

Lowest Channel / 10MHz / QPSK



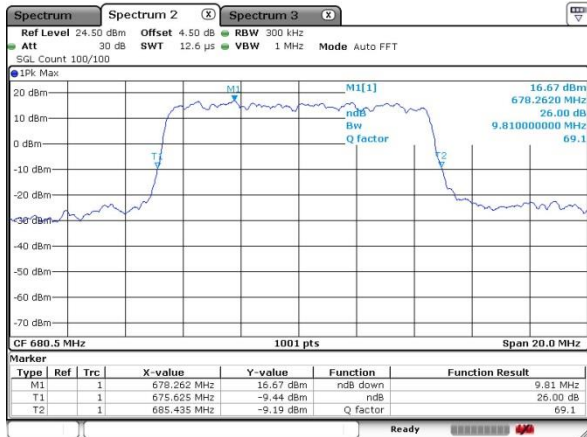
Date: 12 MAR 2019 23:01:47

Lowest Channel / 10MHz / 16QAM



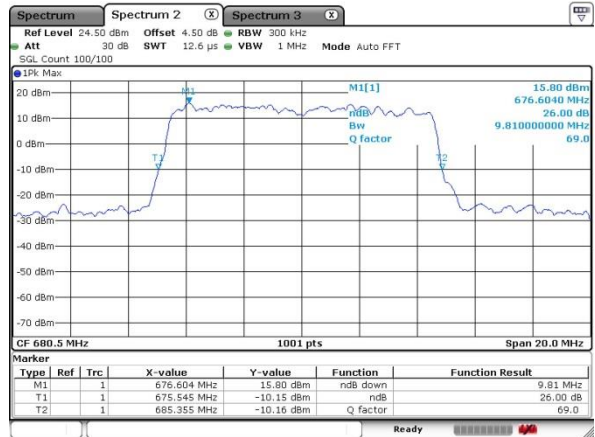
Date: 12 MAR 2019 23:01:33

Middle Channel / 10MHz / QPSK



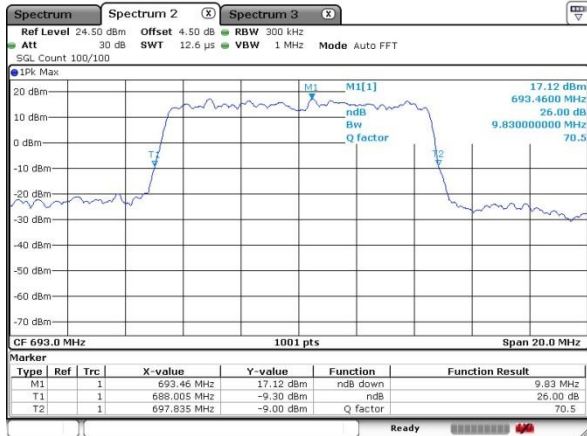
Date: 12 MAR 2019 23:03:16

Middle Channel / 10MHz / 16QAM



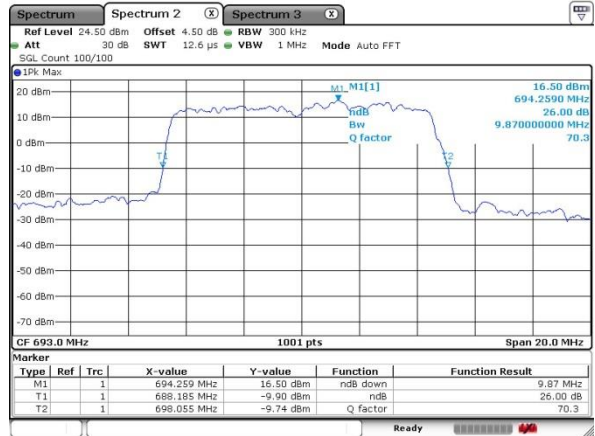
Date: 12 MAR 2019 23:03:36

Highest Channel / 10MHz / QPSK



Date: 12 MAR 2019 23:10:07

Highest Channel / 10MHz / 16QAM

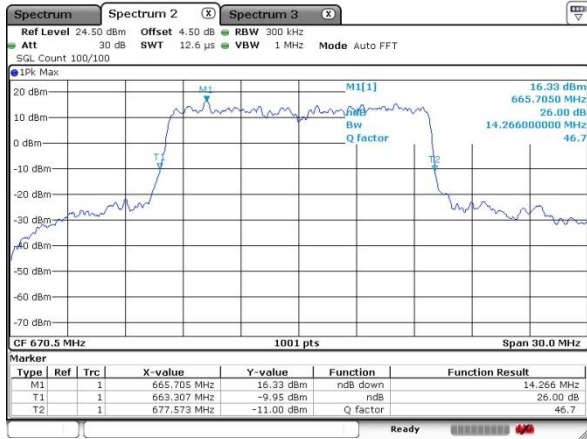


Date: 12 MAR 2019 23:09:50



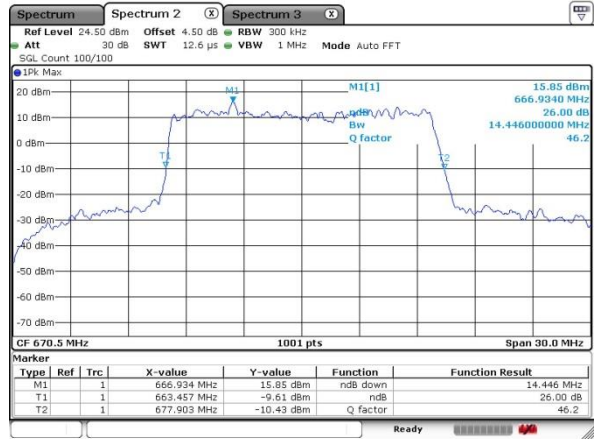
LTE Band 71

Lowest Channel / 15MHz / QPSK



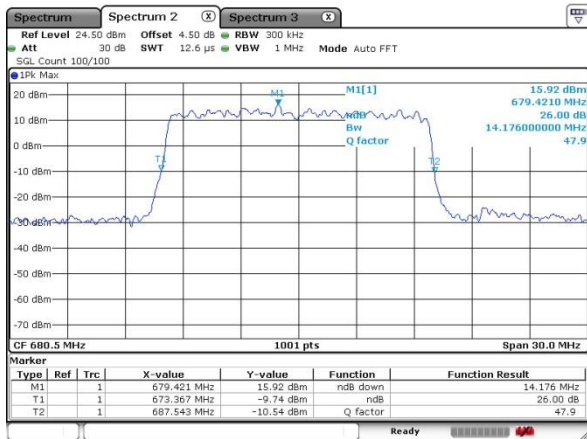
Date: 12 MAR 2019 23:14:48

Lowest Channel / 15MHz / 16QAM



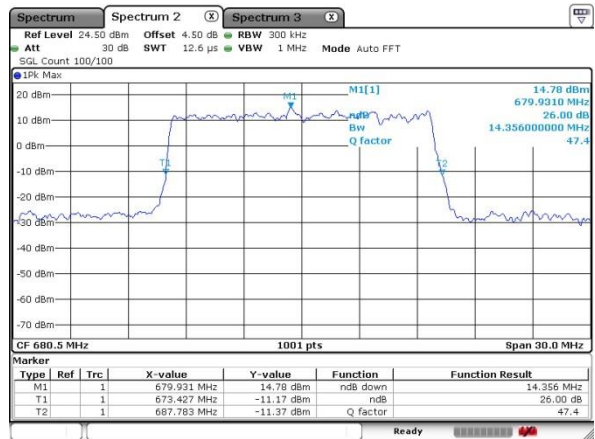
Date: 12 MAR 2019 23:14:31

Middle Channel / 15MHz / QPSK



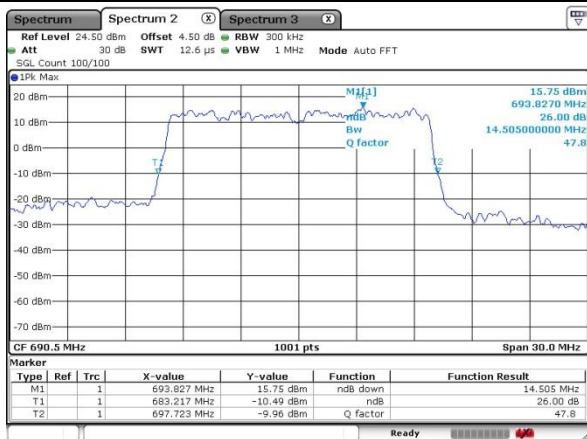
Date: 12 MAR 2019 23:16:00

Middle Channel / 15MHz / 16QAM



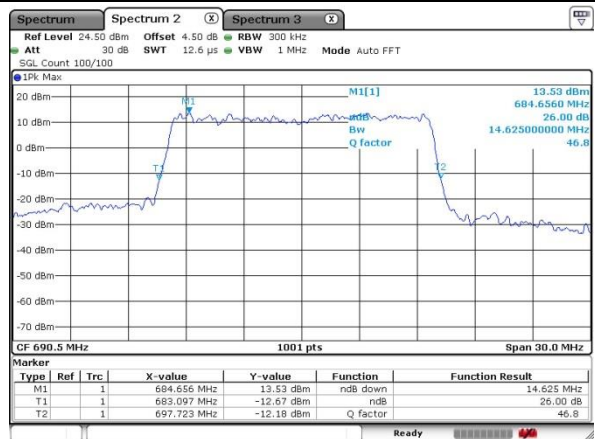
Date: 12 MAR 2019 23:16:28

Highest Channel / 15MHz / QPSK



Date: 12 MAR 2019 23:22:57

Highest Channel / 15MHz / 16QAM

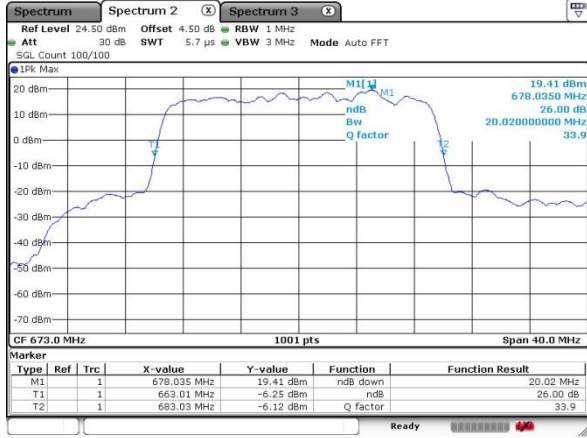


Date: 12 MAR 2019 23:22:32



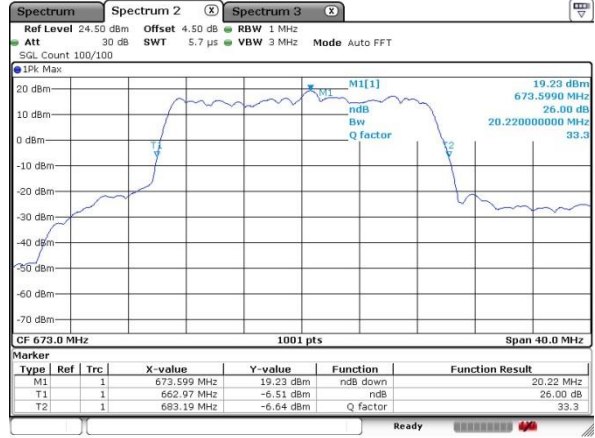
LTE Band 71

Lowest Channel / 20MHz / QPSK



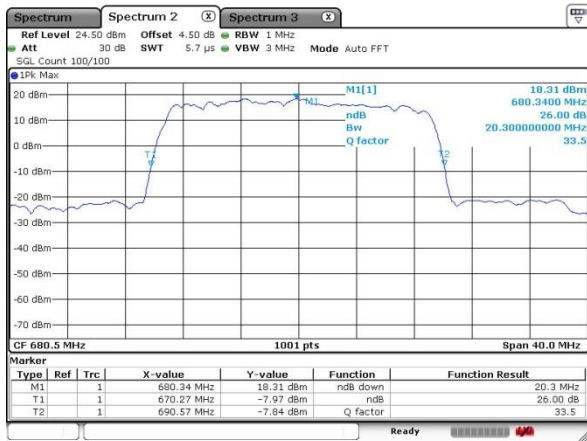
Date: 12 MAR 2019 23:27:51

Lowest Channel / 20MHz / 16QAM



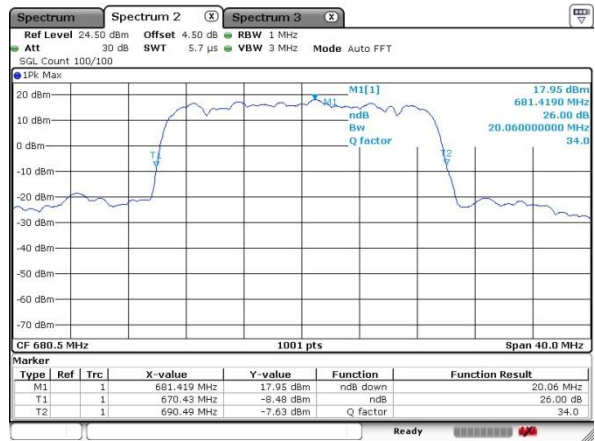
Date: 12 MAR 2019 23:27:29

Middle Channel / 20MHz / QPSK



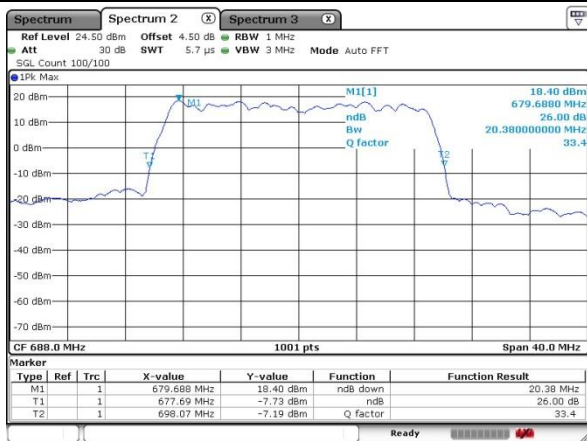
Date: 12 MAR 2019 23:28:47

Middle Channel / 20MHz / 16QAM



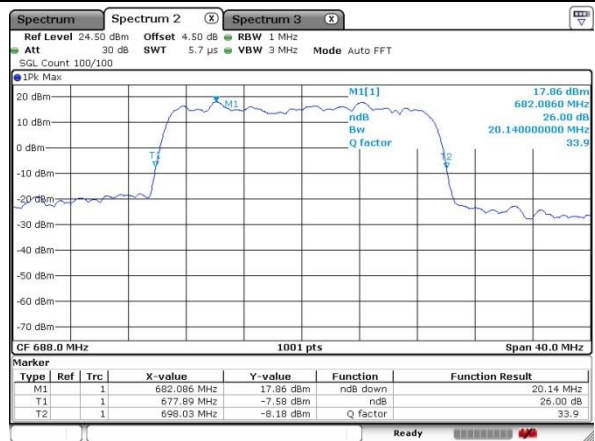
Date: 12 MAR 2019 23:29:10

Highest Channel / 20MHz / QPSK



Date: 12 MAR 2019 23:34:50

Highest Channel / 20MHz / 16QAM



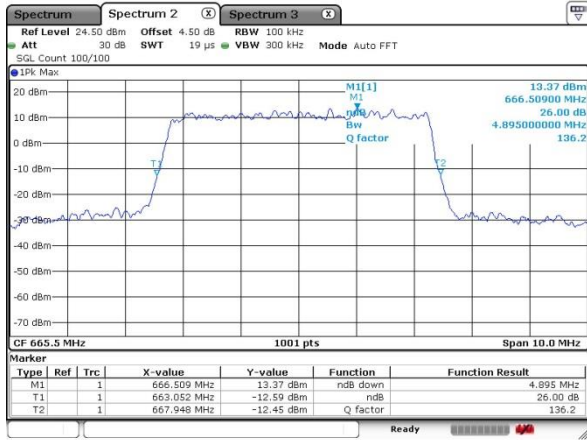
Date: 12 MAR 2019 23:34:33





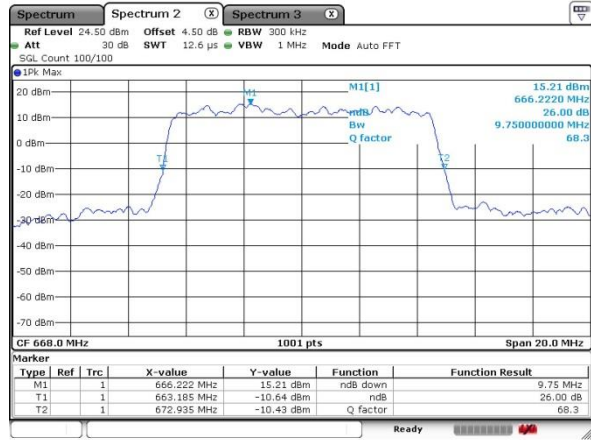
LTE Band 71

Lowest Channel / 5MHz / 64QAM



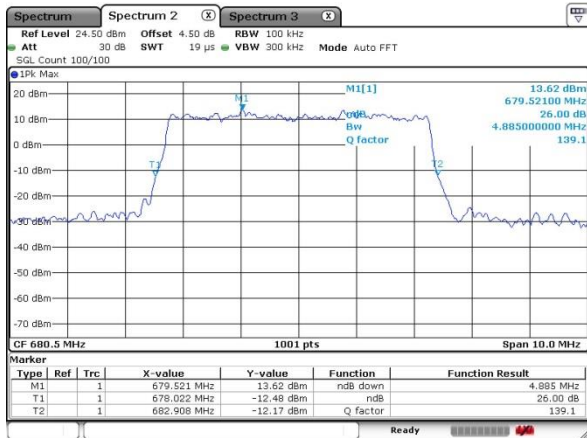
Date: 12 MAR 2019 22:45:23

Lowest Channel / 10MHz / 64QAM



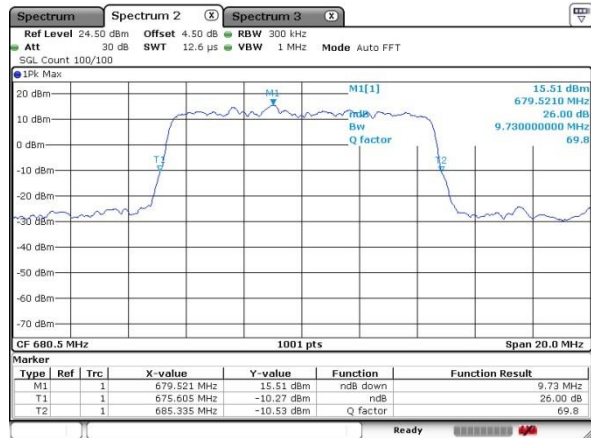
Date: 12 MAR 2019 23:00:44

Middle Channel / 5MHz / 64QAM



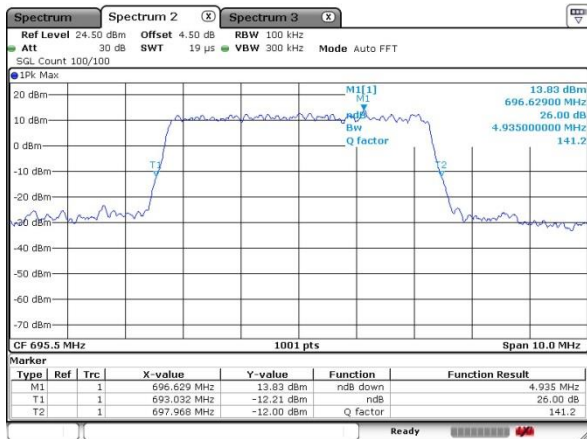
Date: 12 MAR 2019 22:47:09

Middle Channel / 10MHz / 64QAM



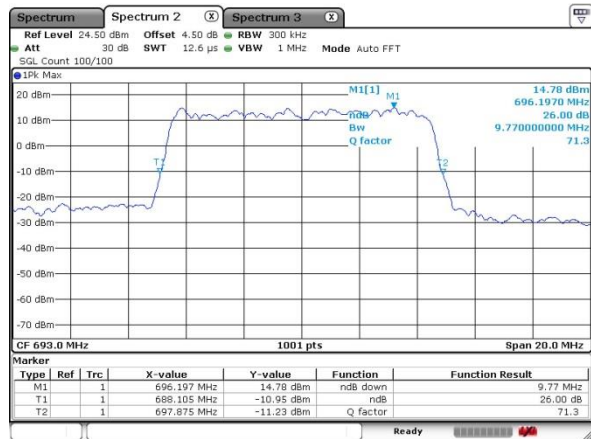
Date: 12 MAR 2019 23:04:39

Highest Channel / 5MHz / 64QAM



Date: 12 MAR 2019 22:52:50

Highest Channel / 10MHz / 64QAM

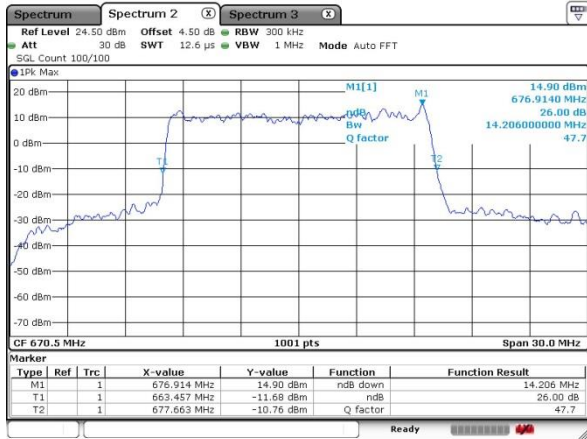


Date: 12 MAR 2019 23:08:53



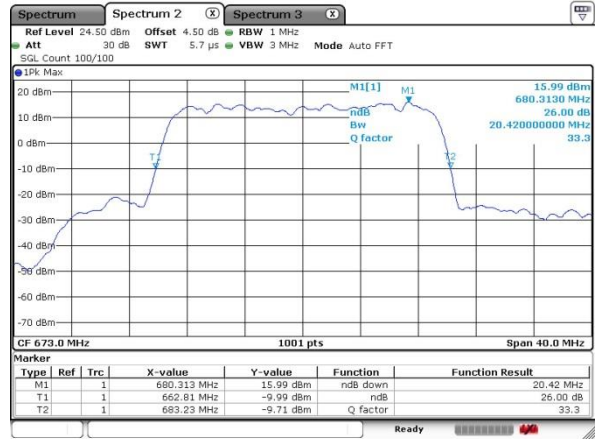
LTE Band 71

Lowest Channel / 15MHz / 64QAM



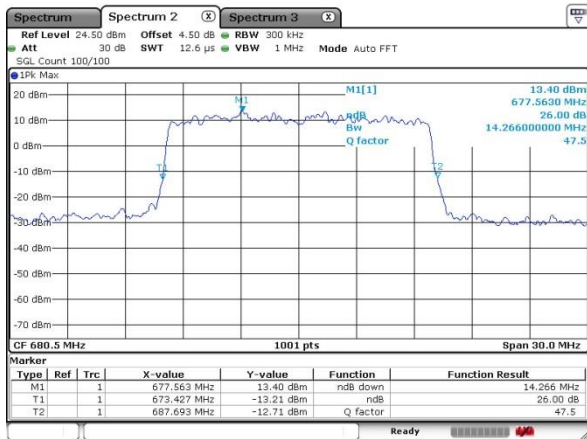
Date: 12 MAR 2019 23:13:28

Lowest Channel / 20MHz / 64QAM



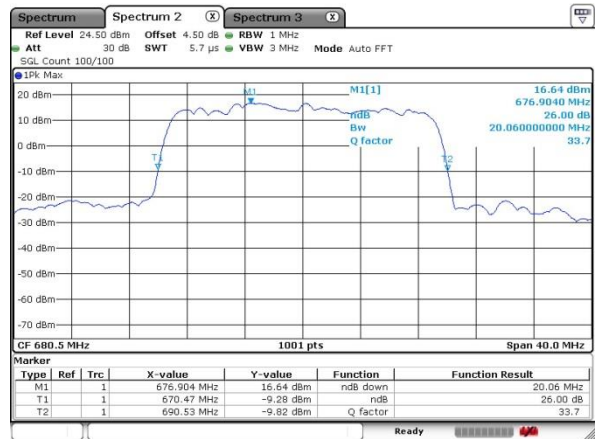
Date: 12 MAR 2019 23:26:22

Middle Channel / 15MHz / 64QAM



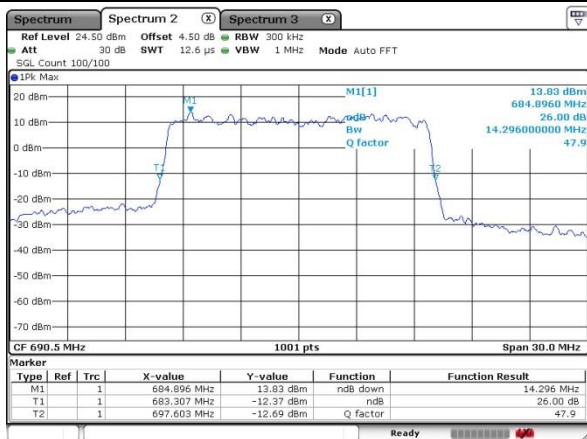
Date: 12 MAR 2019 23:17:18

Middle Channel / 20MHz / 64QAM



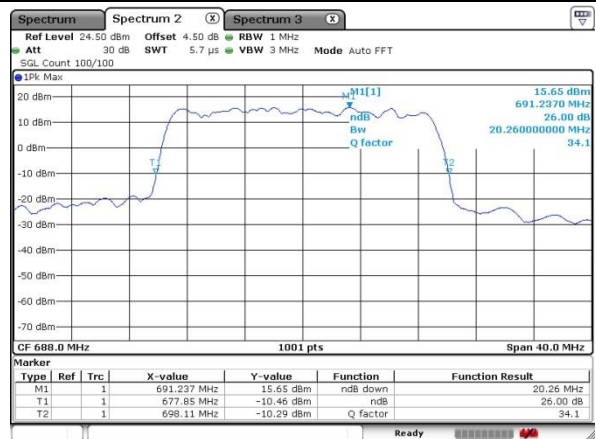
Date: 12 MAR 2019 23:30:19

Highest Channel / 15MHz / 64QAM



Date: 12 MAR 2019 23:21:33

Highest Channel / 20MHz / 64QAM



Date: 12 MAR 2019 23:33:28



**Occupied Bandwidth**

Mode		LTE Band 12 : 99%OBW(MHz)											
BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH		1.09	1.08	2.75	2.72	4.51	4.51	8.97	9.01				
Middle CH		1.09	1.10	2.72	2.72	4.49	4.51	9.01	9.01				
Highest CH		1.09	1.09	2.72	2.70	4.50	4.51	9.05	9.03				

Mode		LTE Band 12 : 99%OBW(MHz)											
BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.		64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH		1.09		2.73		4.51		8.93					
Middle CH		1.09		2.73		4.49		8.97					
Highest CH		1.10		2.70		4.47		9.03					

Mode		LTE Band 25 : 99%OBW(MHz)											
BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.		QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH		1.09	1.09	2.71	2.75	4.50	4.49	8.97	9.01	13.46	13.46	18.38	18.30
Middle CH		1.09	1.09	2.72	2.72	4.50	4.49	9.07	9.01	13.49	13.49	18.34	18.50
Highest CH		1.10	1.09	2.72	2.72	4.50	4.50	9.03	8.97	13.43	13.37	18.42	18.54

Mode		LTE Band 25 : 99%OBW(MHz)											
BW		1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.		64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH		1.09		2.73		4.50		8.99		13.43		18.30	
Middle CH		1.09		2.72		4.52		8.97		13.43		18.26	
Highest CH		1.09		2.70		4.49		9.05		13.46		18.38	



LTE Band 26 : 99%OBW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.72	2.70	4.50	4.47	8.95	8.95	13.40	13.43	13.43	13.43
Middle CH	1.09	1.09	2.71	2.72	4.51	4.51	9.11	8.99	13.46	13.43	-	-
Highest CH	1.08	1.09	2.72	2.72	4.48	4.48	8.97	9.01	13.49	13.52	-	-

LTE Band 26 : 99%OBW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
BW	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.49		9.05		13.46		13.49	
Middle CH	1.09		2.72		4.51		8.99		13.46		-	
Highest CH	1.09		2.71		4.50		8.97		13.46		-	

LTE Band 41 : 99%OBW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.49	4.5	8.99	9.03	13.49	13.46	18.50	18.34
Middle CH					4.48	4.48	9.03	9.05	13.46	13.46	18.30	18.30
Highest CH					4.48	4.48	9.05	9.01	13.49	13.37	18.30	18.38

LTE Band 41 : 99%OBW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.5		9.01		13.40		18.38	
Middle CH					4.49		9.09		13.43		18.26	
Highest CH					4.46		9.01		13.4		18.18	



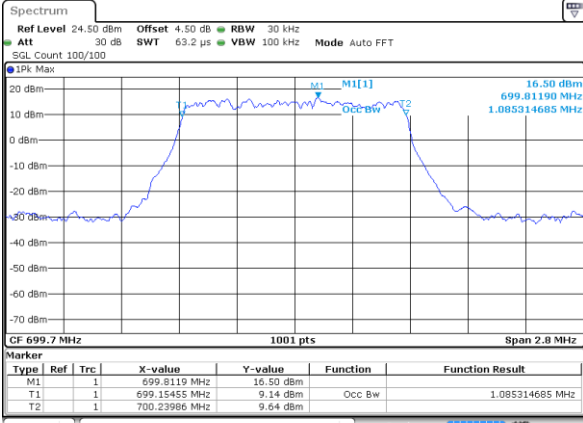
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.71	2.72	4.50	4.48	9.05	8.99	13.49	13.46	18.30	18.54
Middle CH	1.09	1.10	2.72	2.72	4.51	4.48	9.09	9.01	13.49	13.43	18.42	18.22
Highest CH	1.10	1.10	2.73	2.75	4.51	4.51	9.03	9.01	13.49	13.43	18.26	18.42
Mode	LTE Band 66 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.07		13.43		18.34	
Middle CH	1.10		2.72		4.51		9.07		13.46		18.50	
Highest CH	1.10		2.71		4.52		9.05		13.52		18.46	

Mode	LTE Band 71 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.51	4.48	9.01	8.99	13.49	13.4	18.46	18.46	4.46	8.95	13.43	18.38
Middle CH	4.47	4.48	8.97	9.03	13.4	13.37	18.26	18.22	4.5	9.05	13.4	18.1
Highest CH	4.51	4.5	8.99	9.05	13.4	13.46	18.46	18.42	4.52	8.99	13.52	18.46



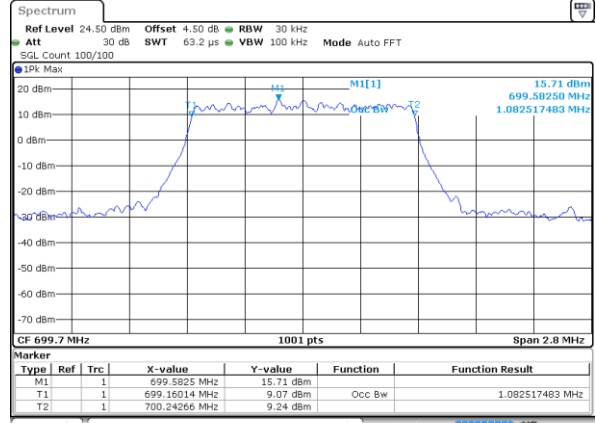
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



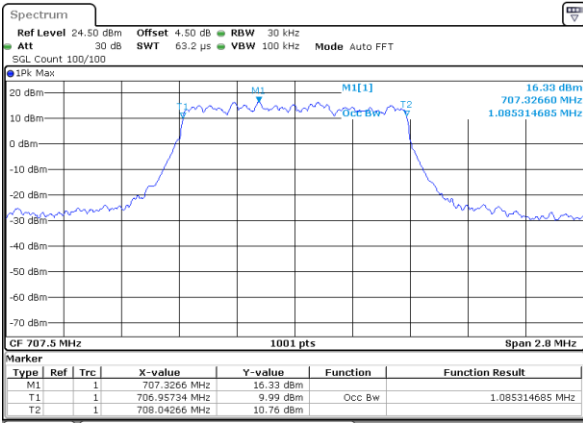
Date: 1 MAR 2019 09:37:19

Lowest Channel / 1.4MHz / 16QAM



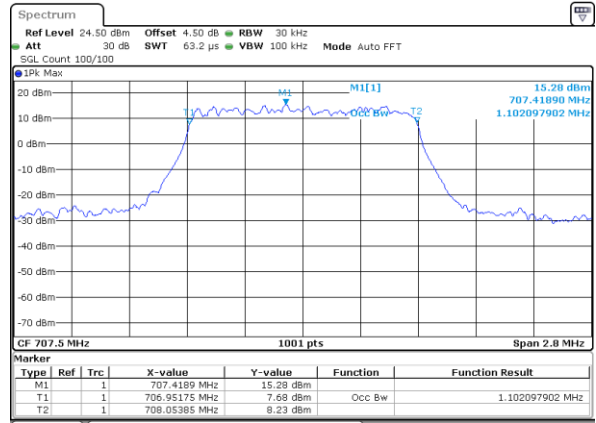
Date: 1 MAR 2019 09:37:29

Middle Channel / 1.4MHz / QPSK



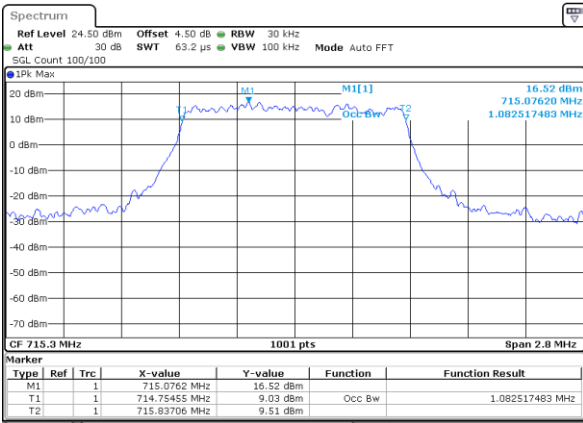
Date: 1 MAR 2019 09:37:49

Middle Channel / 1.4MHz / 16QAM



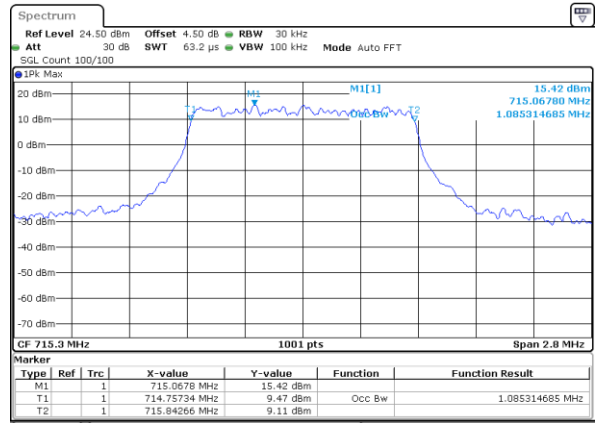
Date: 1 MAR 2019 09:37:59

Highest Channel / 1.4MHz / QPSK



Date: 1 MAR 2019 09:37:59

Highest Channel / 1.4MHz / 16QAM

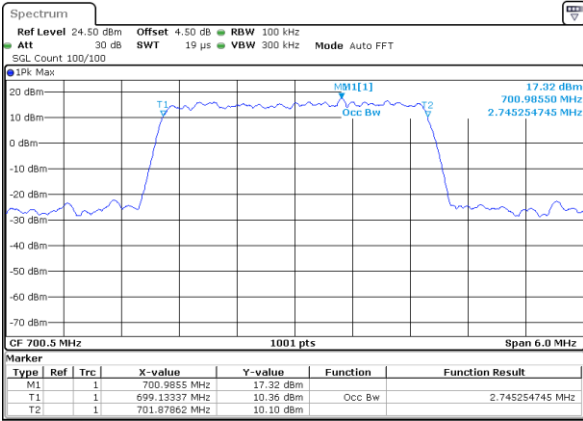


Date: 1 MAR 2019 09:38:09



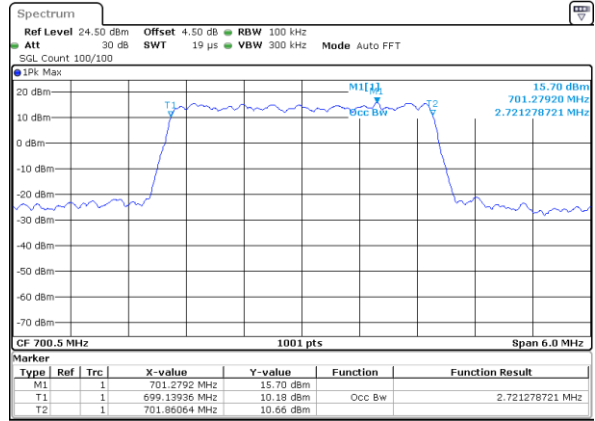
LTE Band 12

Lowest Channel / 3MHz / QPSK



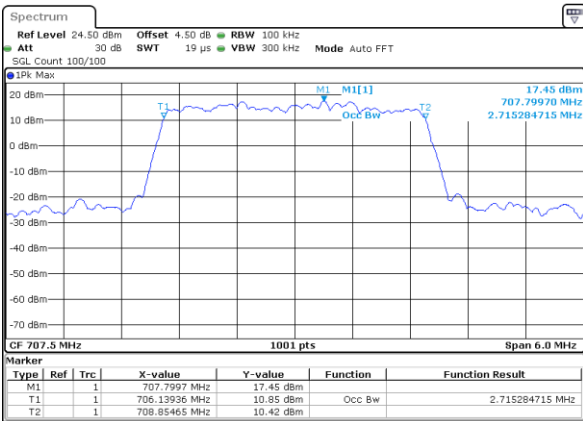
Date: 1 MAR 2019 09:53:37

Lowest Channel / 3MHz / 16QAM



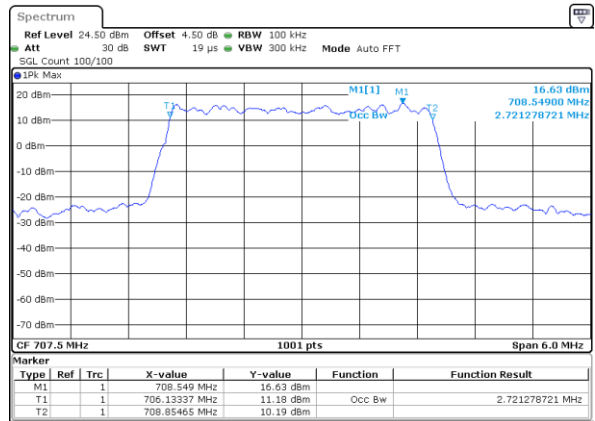
Date: 1 MAR 2019 09:53:47

Middle Channel / 3MHz / QPSK



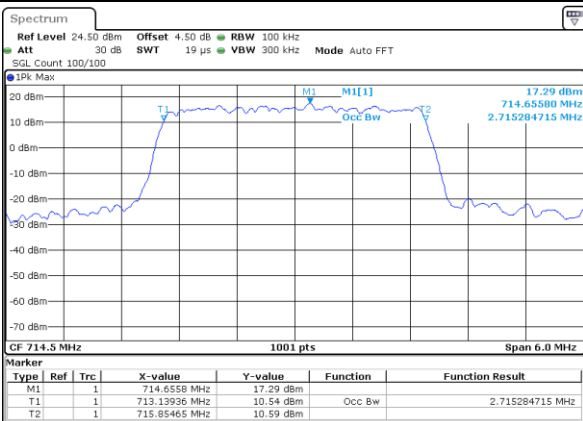
Date: 1 MAR 2019 09:54:08

Middle Channel / 3MHz / 16QAM



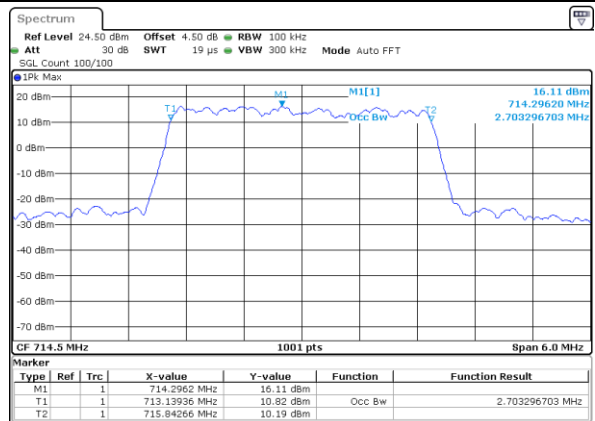
Date: 1 MAR 2019 09:53:57

Highest Channel / 3MHz / QPSK



Date: 1 MAR 2019 09:54:18

Highest Channel / 3MHz / 16QAM

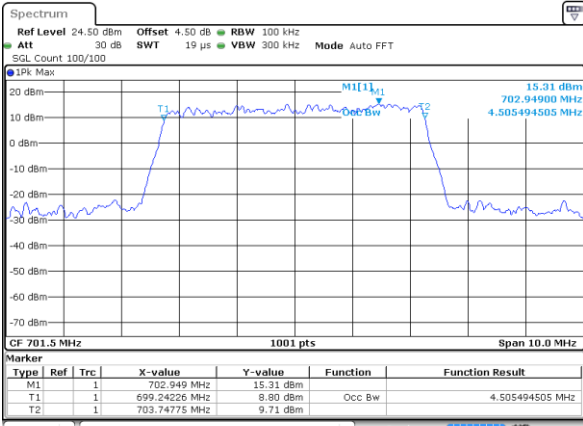


Date: 1 MAR 2019 09:54:28



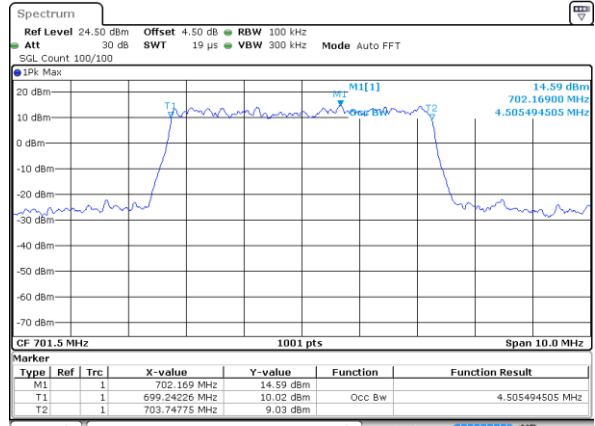
LTE Band 12

Lowest Channel / 5MHz / QPSK



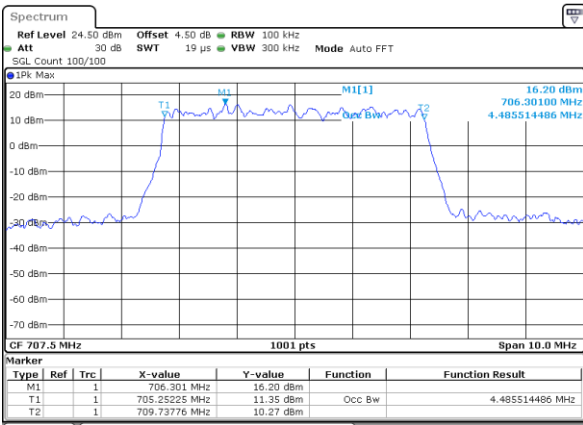
Date: 1 MAR 2019 10:09:56

Lowest Channel / 5MHz / 16QAM



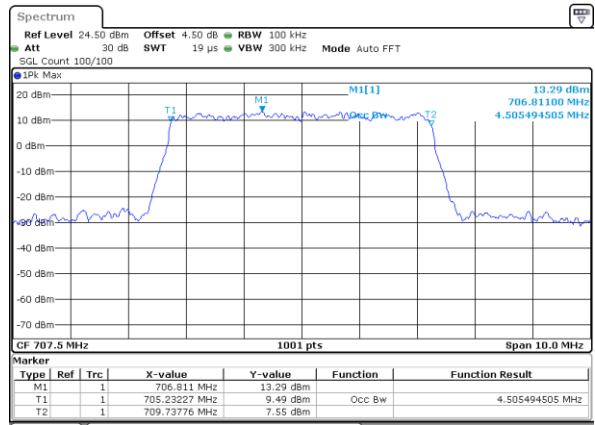
Date: 1 MAR 2019 10:10:06

Middle Channel / 5MHz / QPSK



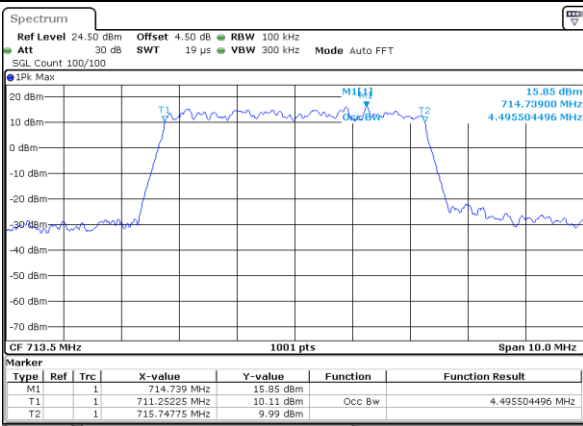
Date: 1 MAR 2019 10:10:26

Middle Channel / 5MHz / 16QAM



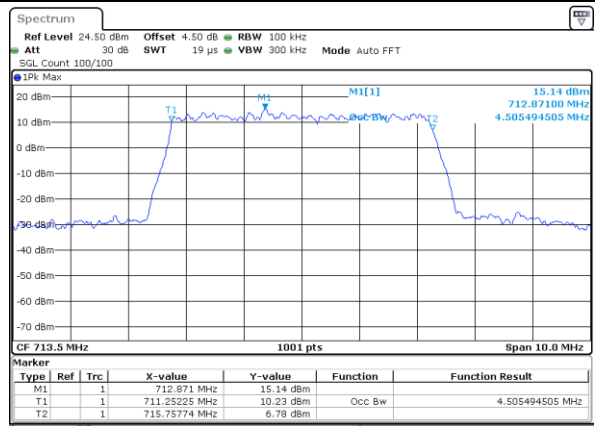
Date: 1 MAR 2019 10:10:16

Highest Channel / 5MHz / QPSK



Date: 1 MAR 2019 10:10:36

Highest Channel / 5MHz / 16QAM



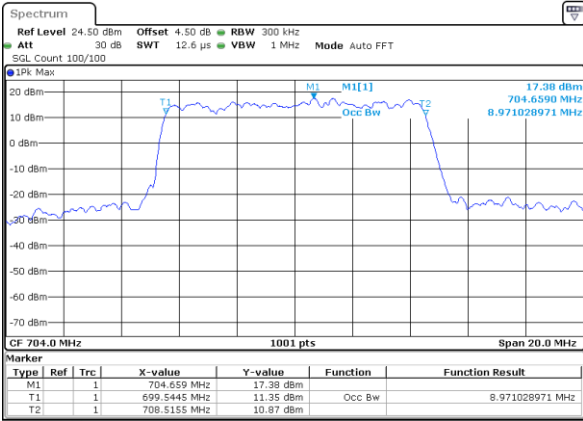
Date: 1 MAR 2019 10:10:46





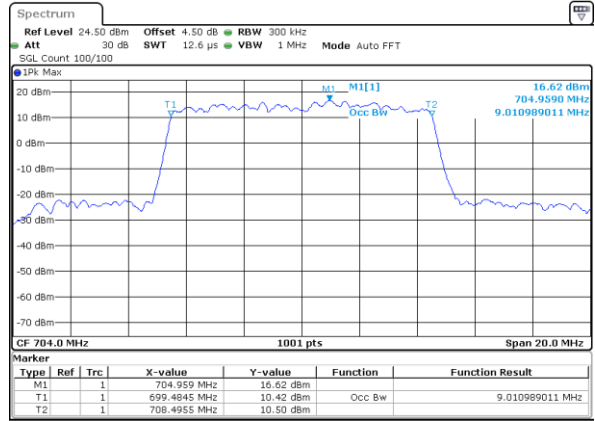
LTE Band 12

Lowest Channel / 10MHz / QPSK



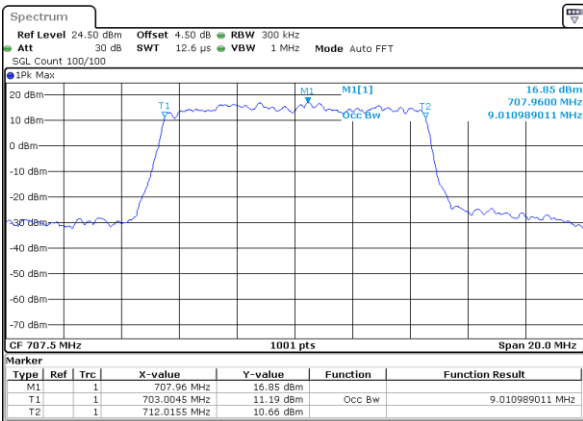
Date: 1 MAR 2019 10:26:15

Lowest Channel / 10MHz / 16QAM



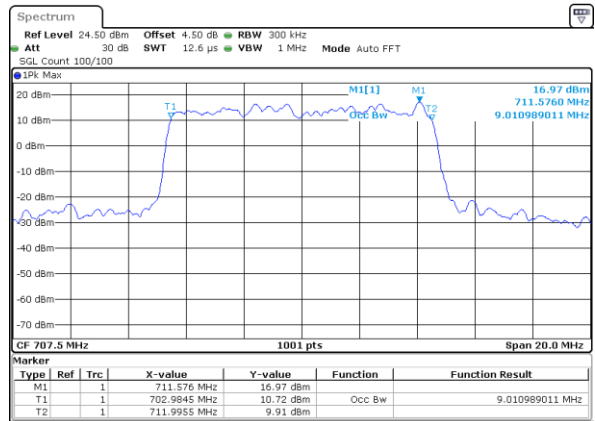
Date: 1 MAR 2019 10:26:25

Middle Channel / 10MHz / QPSK



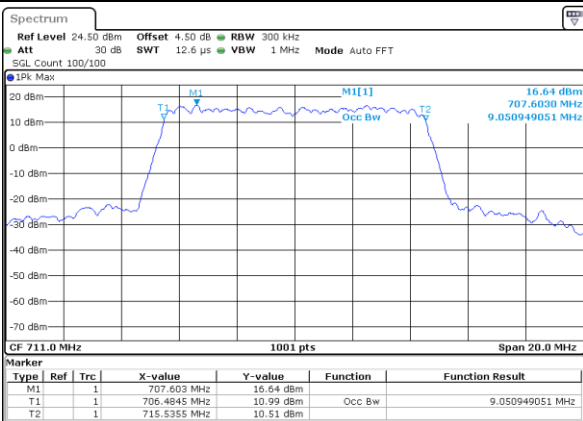
Date: 1 MAR 2019 10:26:45

Middle Channel / 10MHz / 16QAM



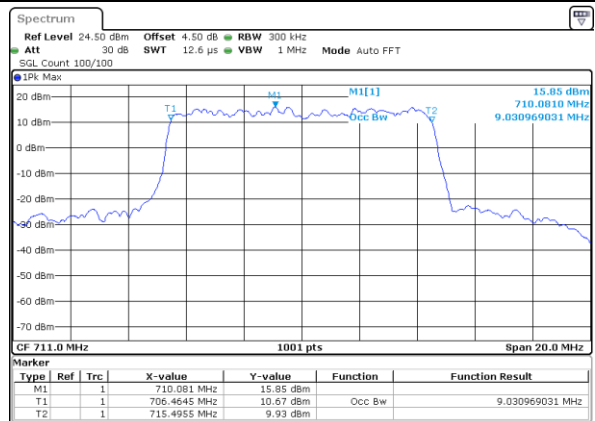
Date: 1 MAR 2019 10:26:55

Highest Channel / 10MHz / QPSK



Date: 1 MAR 2019 10:26:55

Highest Channel / 10MHz / 16QAM

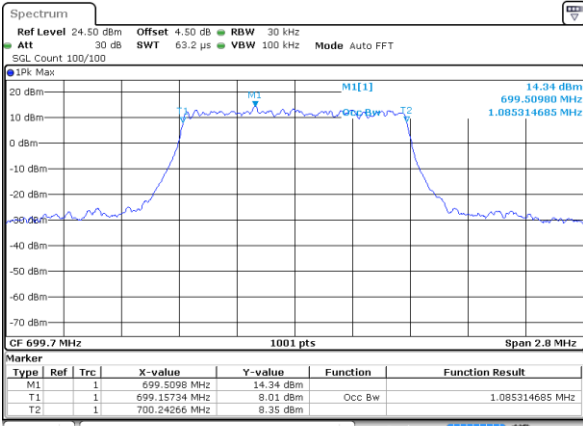


Date: 1 MAR 2019 10:27:05



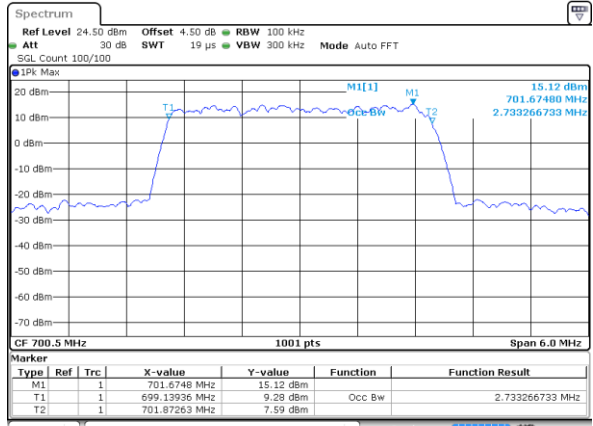
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



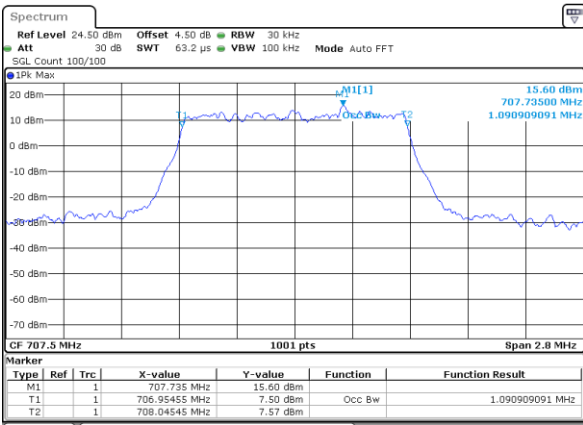
Date: 1 MAR 2019 10:42:33

Lowest Channel / 3MHz / 64QAM



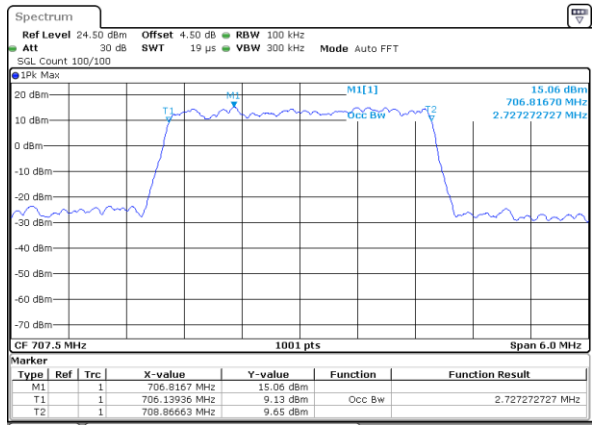
Date: 1 MAR 2019 10:53:24

Middle Channel / 1.4MHz / 64QAM



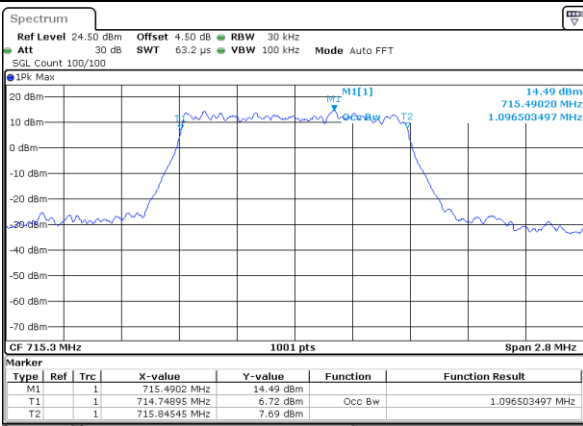
Date: 1 MAR 2019 10:42:54

Middle Channel / 3MHz / 64QAM



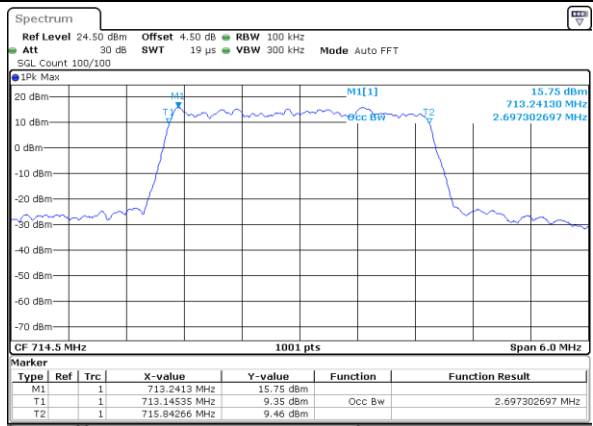
Date: 1 MAR 2019 10:53:44

Highest Channel / 1.4MHz / 64QAM



Date: 1 MAR 2019 10:43:14

Highest Channel / 3MHz / 64QAM

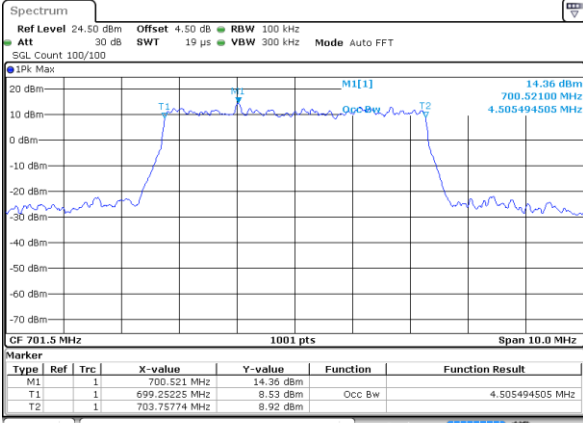


Date: 1 MAR 2019 10:54:04



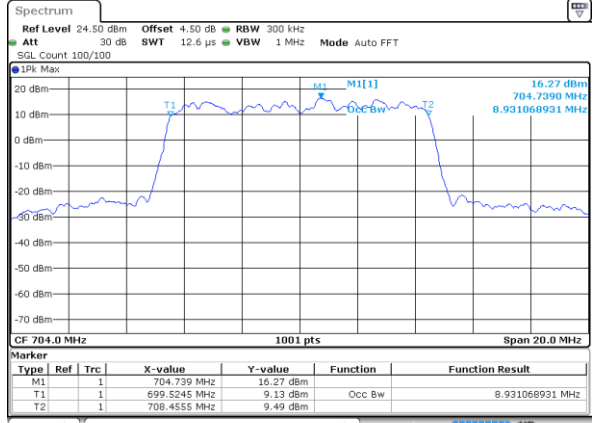
LTE Band 12

Lowest Channel / 5MHz / 64QAM



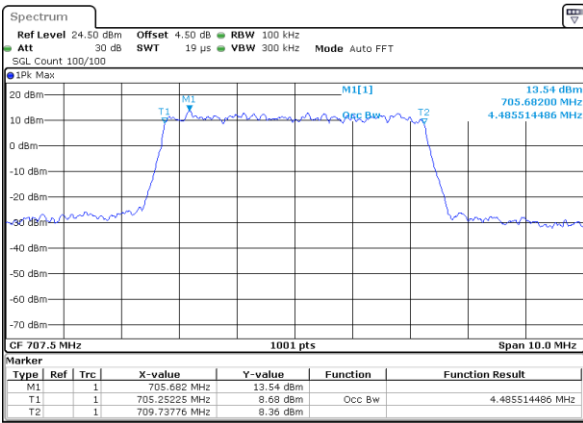
Date: 1 MAR 2019 10:58:52

Lowest Channel / 10MHz / 64QAM



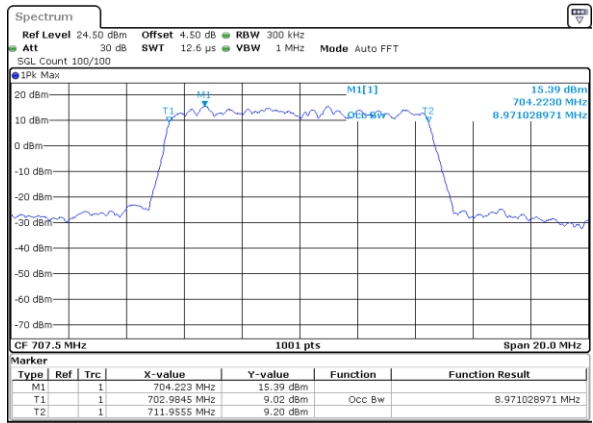
Date: 1 MAR 2019 11:09:42

Middle Channel / 5MHz / 64QAM



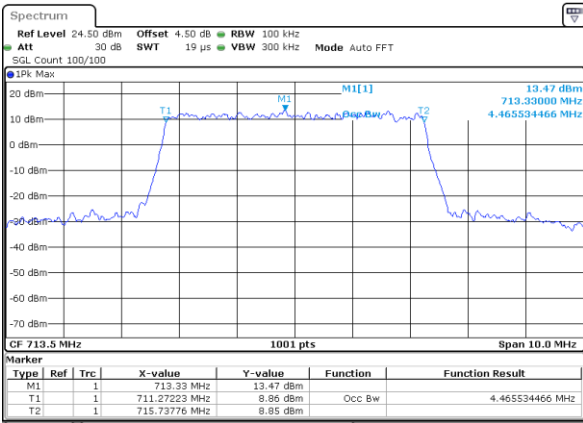
Date: 1 MAR 2019 10:59:12

Middle Channel / 10MHz / 64QAM



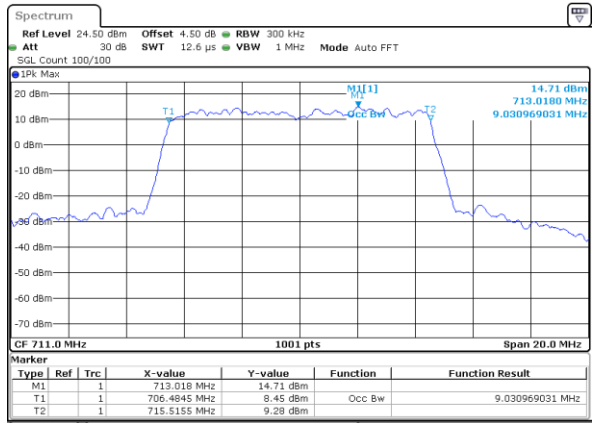
Date: 1 MAR 2019 11:10:02

Highest Channel / 5MHz / 64QAM



Date: 1 MAR 2019 10:59:33

Highest Channel / 10MHz / 64QAM

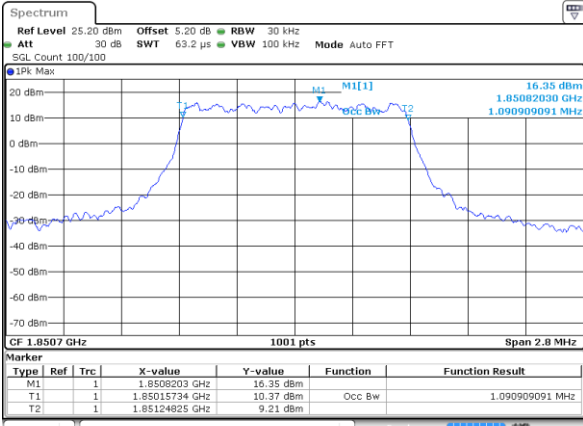


Date: 1 MAR 2019 11:10:22



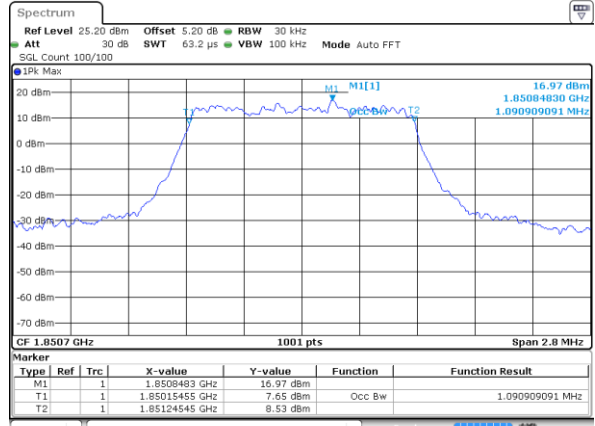
LTE Band 25

Lowest Channel / 1.4MHz / QPSK



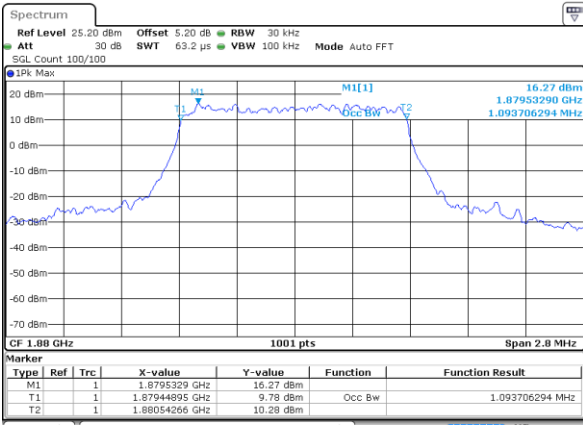
Date: 1 MAR 2019 11:55:11

Lowest Channel / 1.4MHz / 16QAM



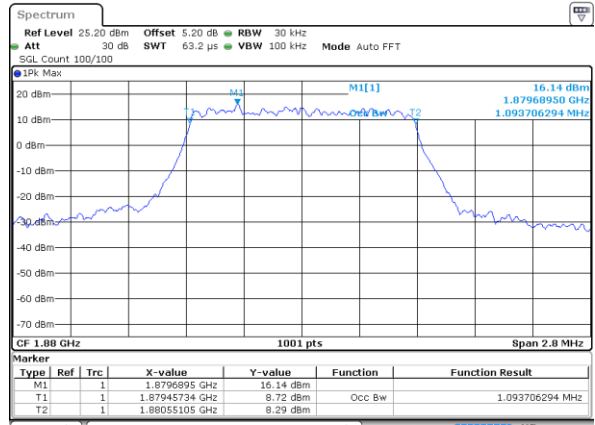
Date: 1 MAR 2019 11:55:31

Middle Channel / 1.4MHz / QPSK



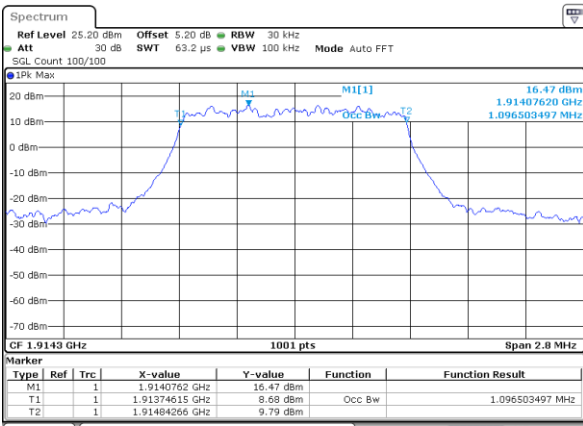
Date: 1 MAR 2019 11:56:11

Middle Channel / 1.4MHz / 16QAM



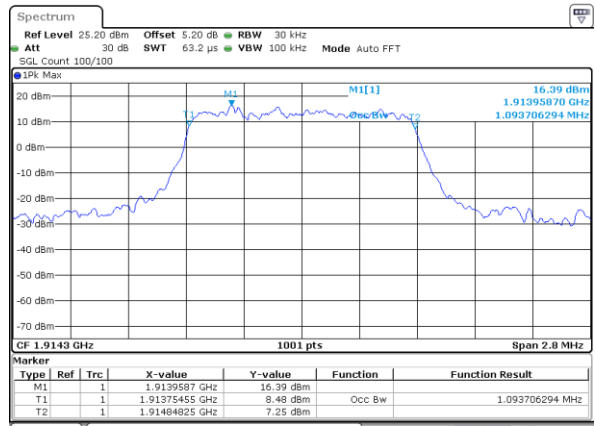
Date: 1 MAR 2019 11:56:31

Highest Channel / 1.4MHz / QPSK



Date: 1 MAR 2019 11:57:11

Highest Channel / 1.4MHz / 16QAM

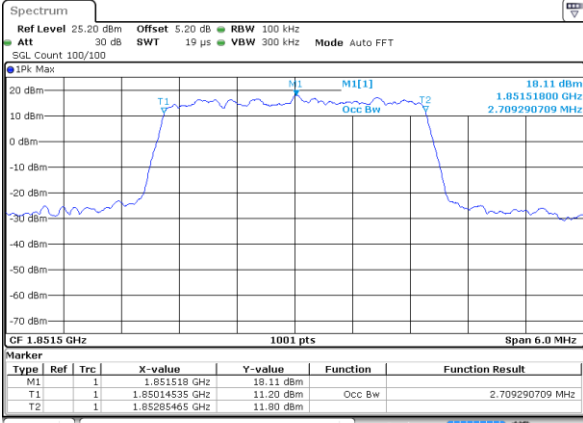


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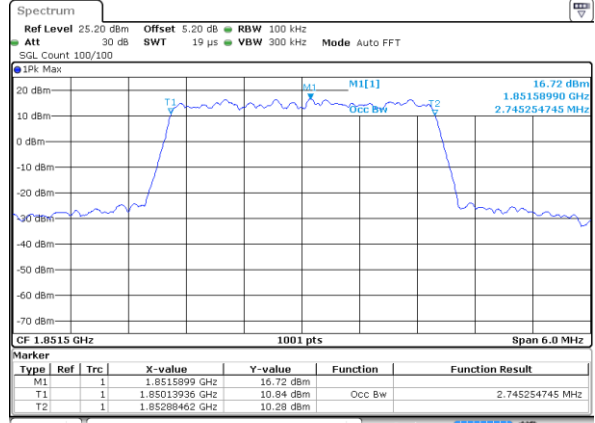
LTE Band 25

Lowest Channel / 3MHz / QPSK



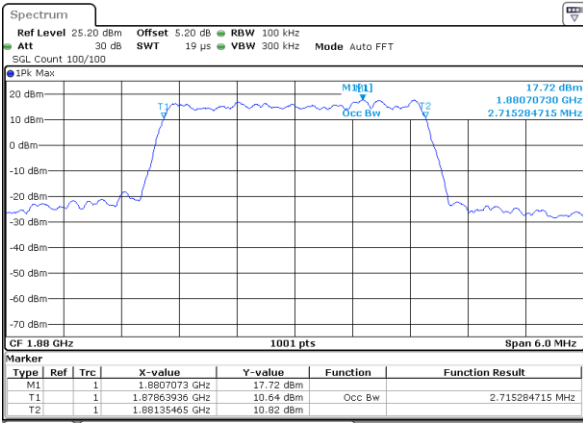
Date: 1 MAR 2019 12:06:17

Lowest Channel / 3MHz / 16QAM



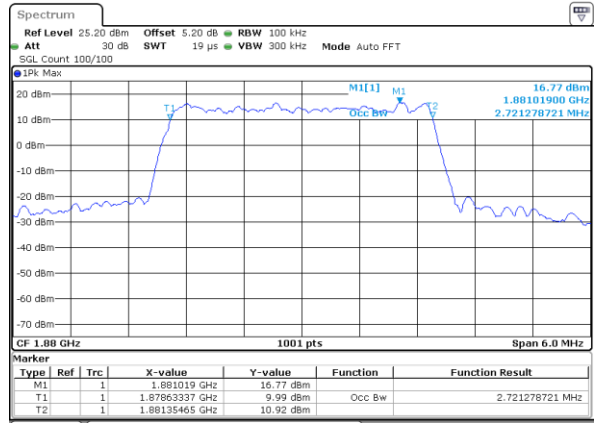
Date: 1 MAR 2019 12:06:37

Middle Channel / 3MHz / QPSK



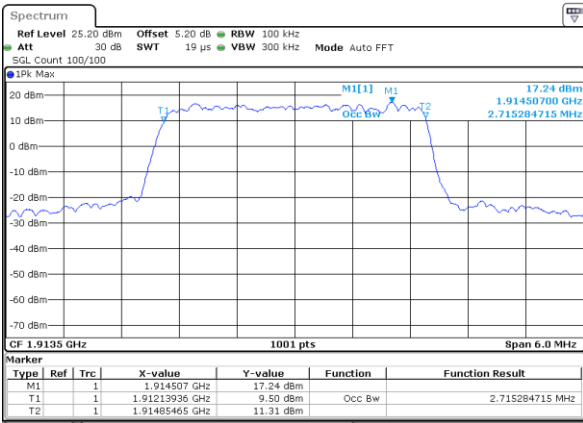
Date: 1 MAR 2019 12:07:17

Middle Channel / 3MHz / 16QAM



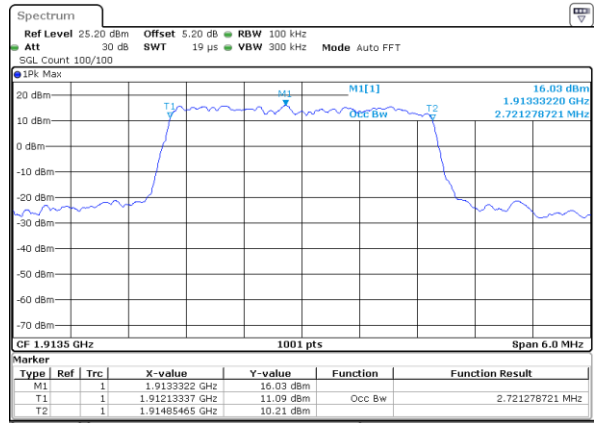
Date: 1 MAR 2019 12:07:37

Highest Channel / 3MHz / QPSK



Date: 1 MAR 2019 12:08:17

Highest Channel / 3MHz / 16QAM

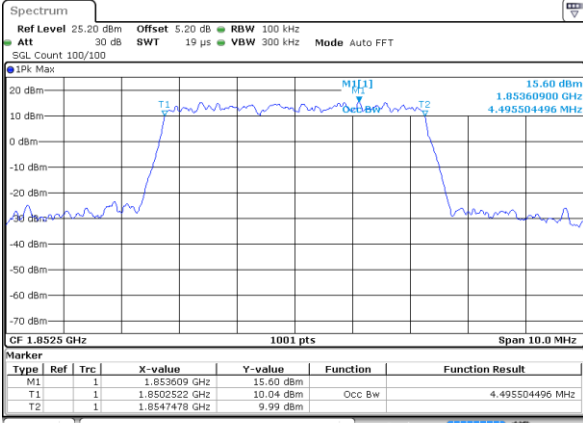


Date: 1 MAR 2019 12:08:37



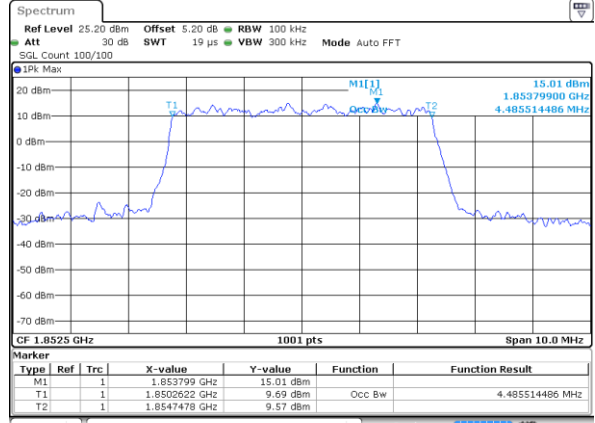
LTE Band 25

Lowest Channel / 5MHz / QPSK



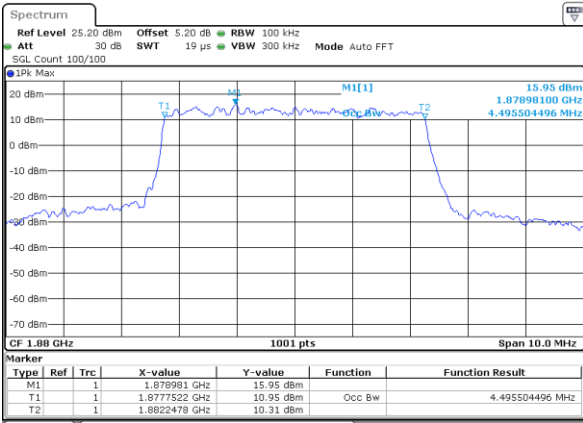
Date: 1 MAR 2019 12:17:22

Lowest Channel / 5MHz / 16QAM



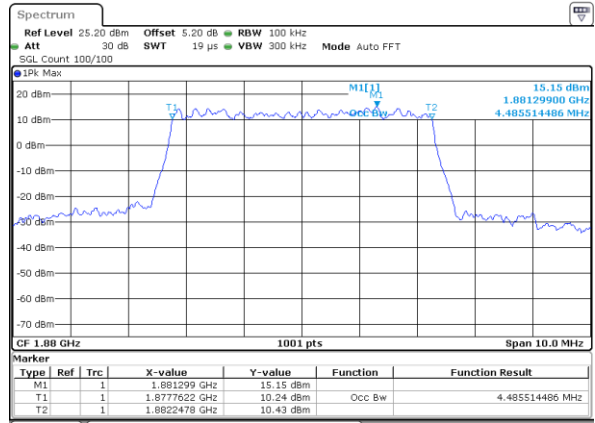
Date: 1 MAR 2019 12:17:42

Middle Channel / 5MHz / QPSK



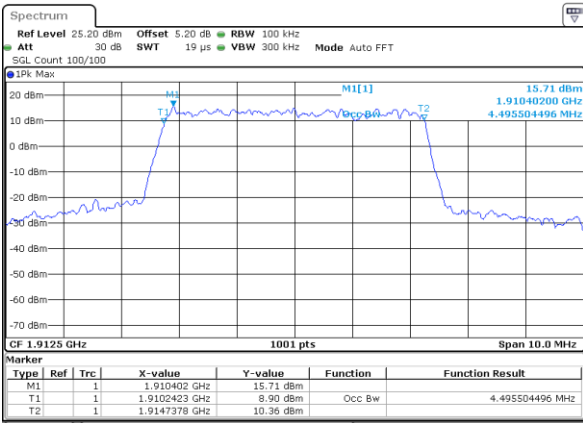
Date: 1 MAR 2019 12:24:26

Middle Channel / 5MHz / 16QAM



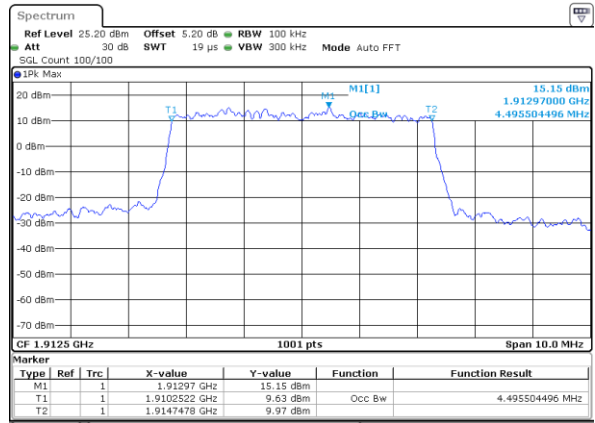
Date: 1 MAR 2019 12:24:06

Highest Channel / 5MHz / QPSK



Date: 1 MAR 2019 12:24:46

Highest Channel / 5MHz / 16QAM



Date: 1 MAR 2019 12:25:06