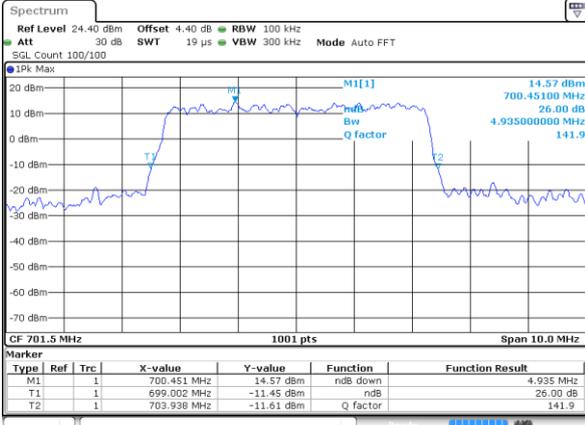




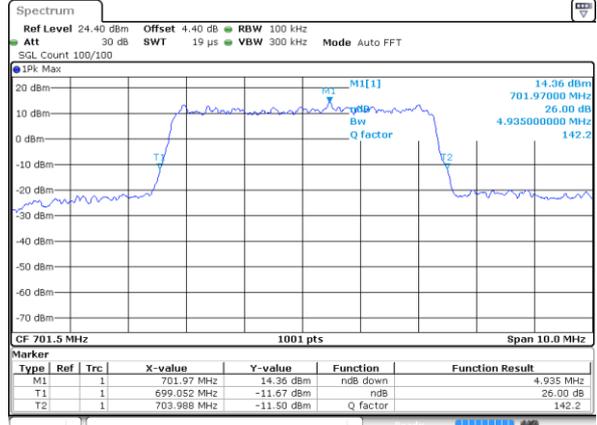
LTE Band 12

Lowest Channel / 5MHz / QPSK



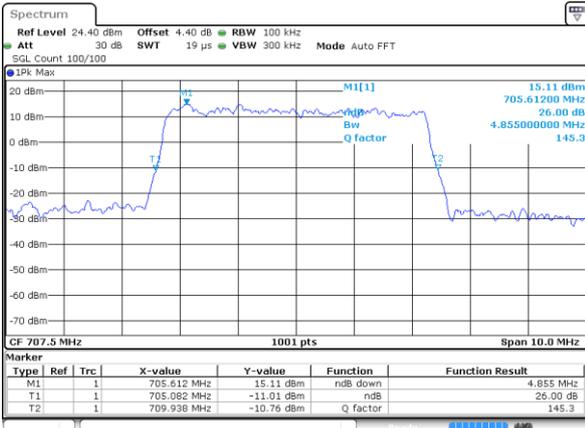
Date: 23 SEP 2019 11:28:56

Lowest Channel / 5MHz / 16QAM



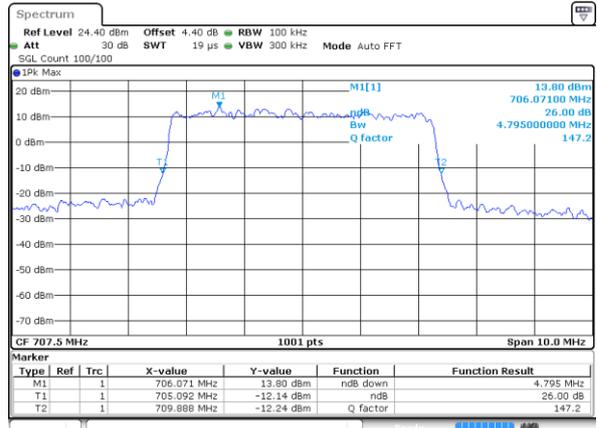
Date: 23 SEP 2019 11:28:46

Middle Channel / 5MHz / QPSK



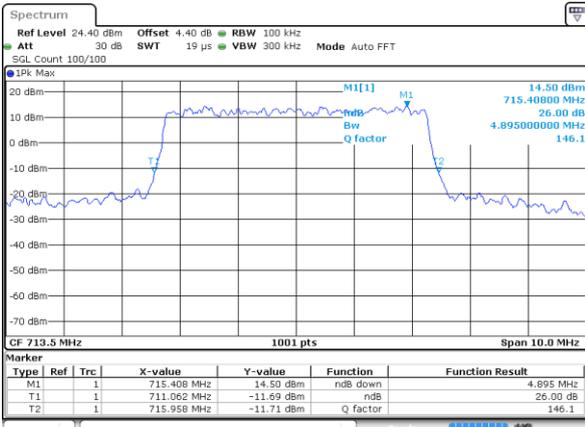
Date: 23 SEP 2019 11:28:26

Middle Channel / 5MHz / 16QAM



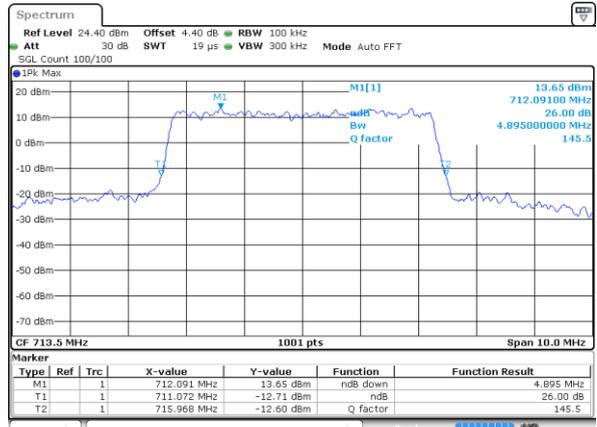
Date: 23 SEP 2019 11:28:36

Highest Channel / 5MHz / QPSK



Date: 23 SEP 2019 11:28:16

Highest Channel / 5MHz / 16QAM

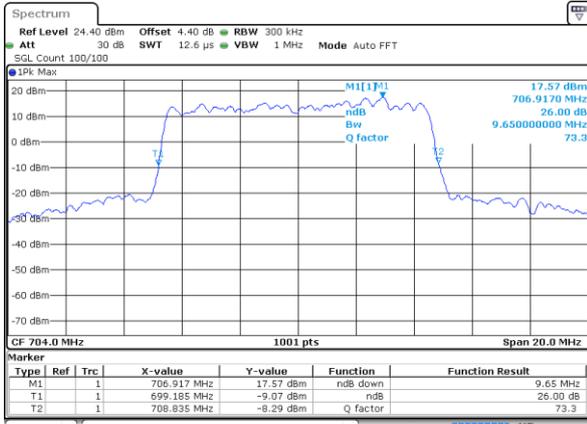


Date: 23 SEP 2019 11:28:06



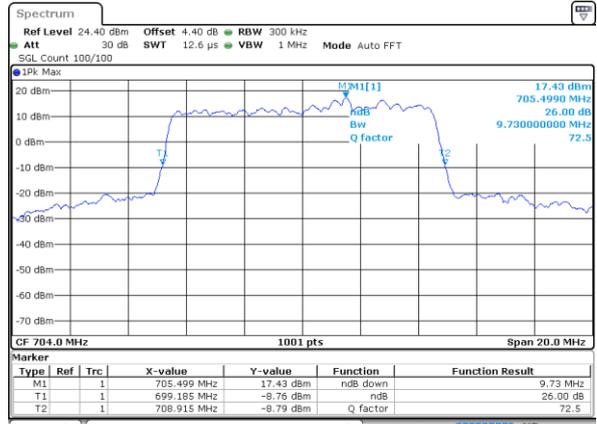
LTE Band 12

Lowest Channel / 10MHz / QPSK



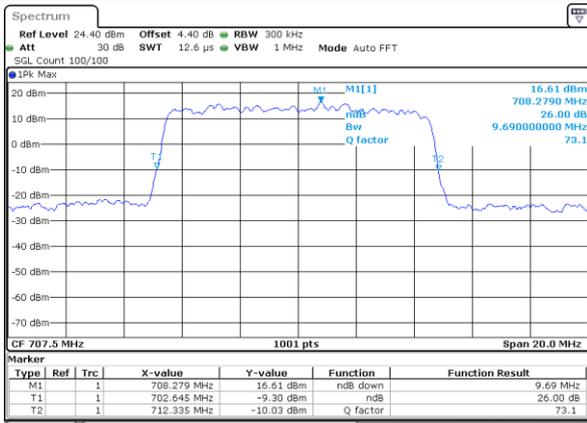
Date: 23 SEP 2019 11:45:10

Lowest Channel / 10MHz / 16QAM



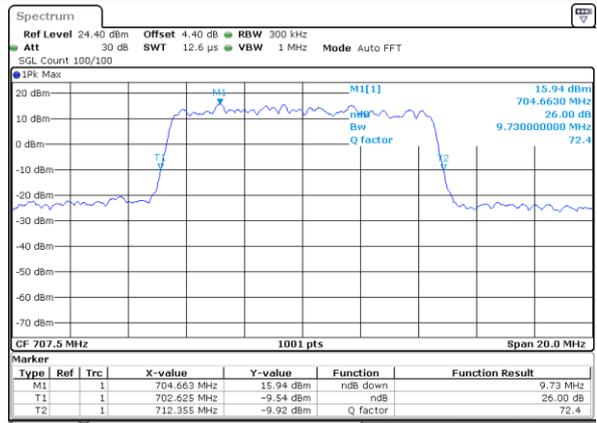
Date: 23 SEP 2019 11:45:00

Middle Channel / 10MHz / QPSK



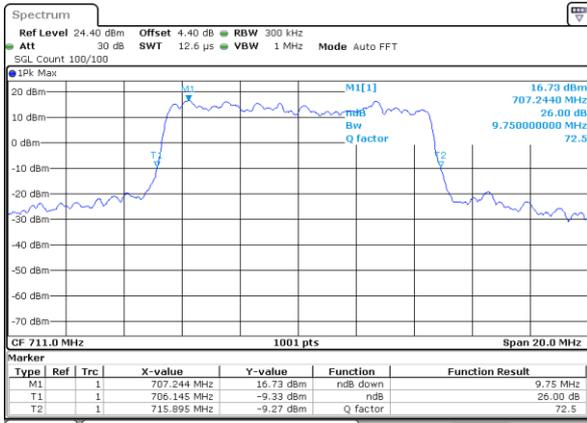
Date: 23 SEP 2019 11:44:40

Middle Channel / 10MHz / 16QAM



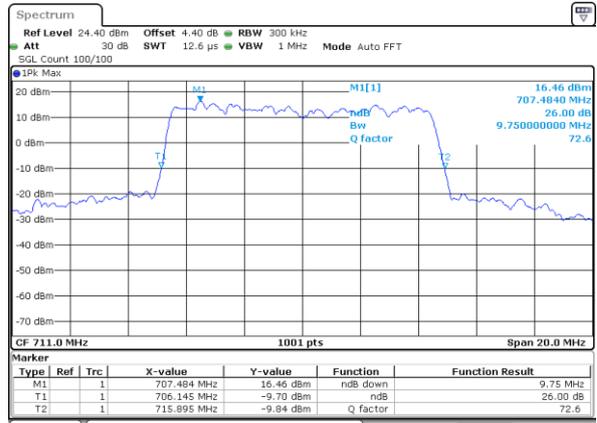
Date: 23 SEP 2019 11:44:50

Highest Channel / 10MHz / QPSK



Date: 23 SEP 2019 11:44:30

Highest Channel / 10MHz / 16QAM

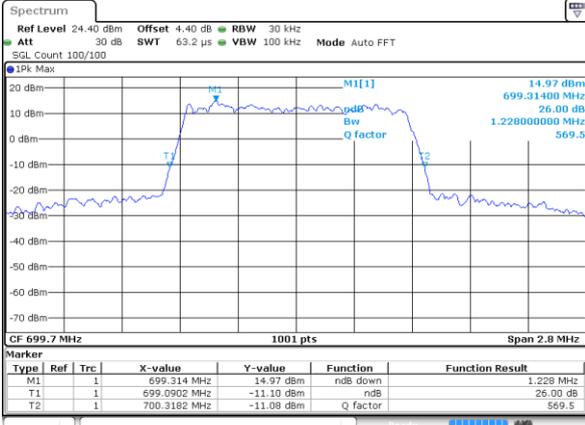


Date: 23 SEP 2019 11:44:20



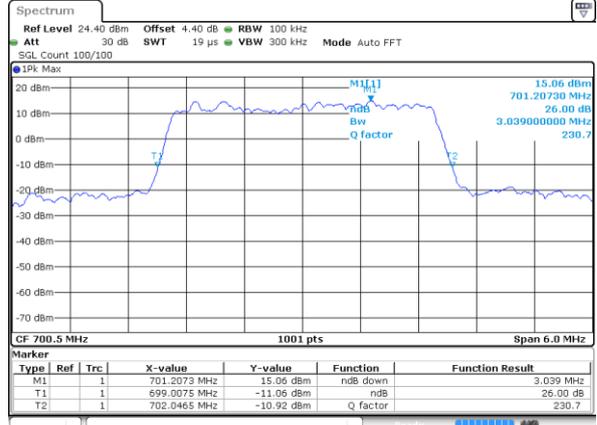
LTE Band 12

Lowest Channel / 1.4MHz / 64QAM



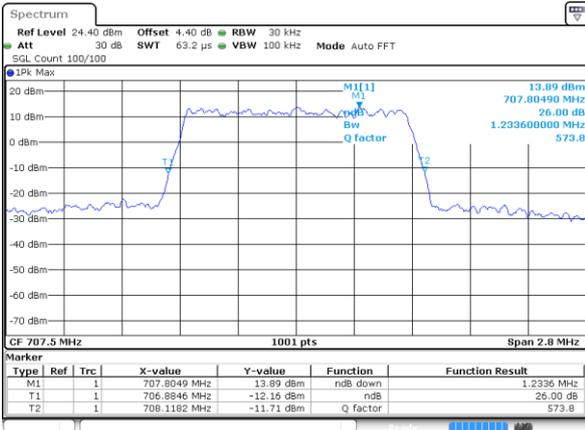
Date: 23 SEP 2019 11:59:45

Lowest Channel / 3MHz / 64QAM



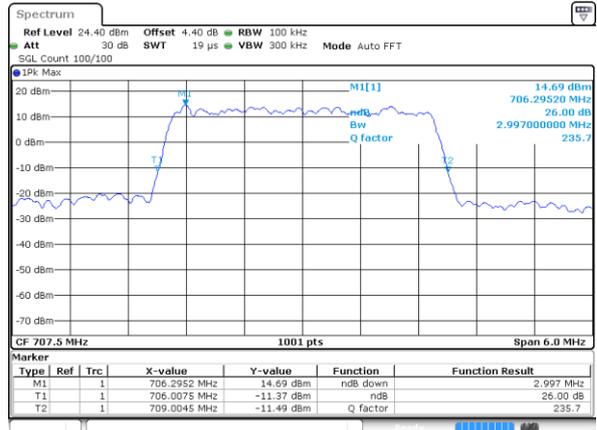
Date: 23 SEP 2019 12:10:32

Middle Channel / 1.4MHz / 64QAM



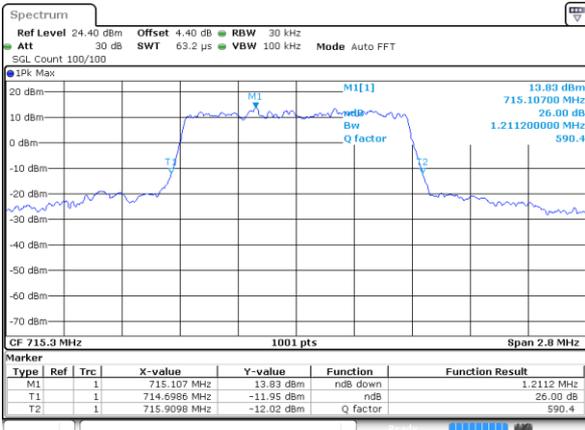
Date: 23 SEP 2019 12:00:05

Middle Channel / 3MHz / 64QAM



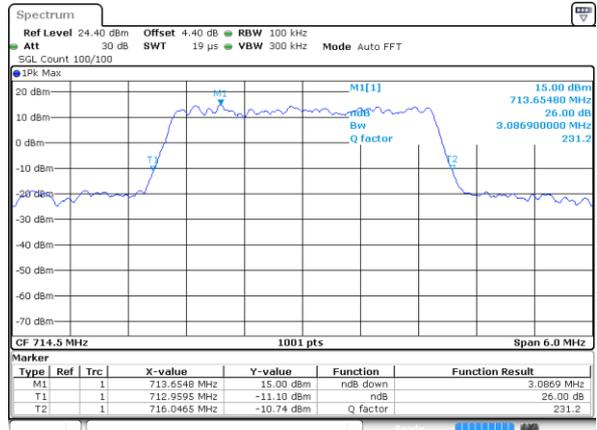
Date: 23 SEP 2019 12:10:52

Highest Channel / 1.4MHz / 64QAM



Date: 23 SEP 2019 12:00:24

Highest Channel / 3MHz / 64QAM

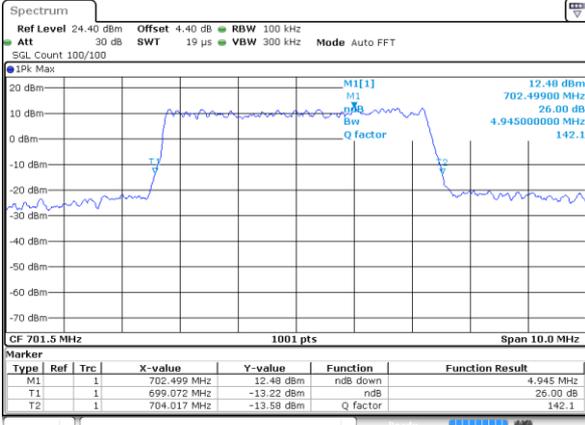


Date: 23 SEP 2019 12:11:11



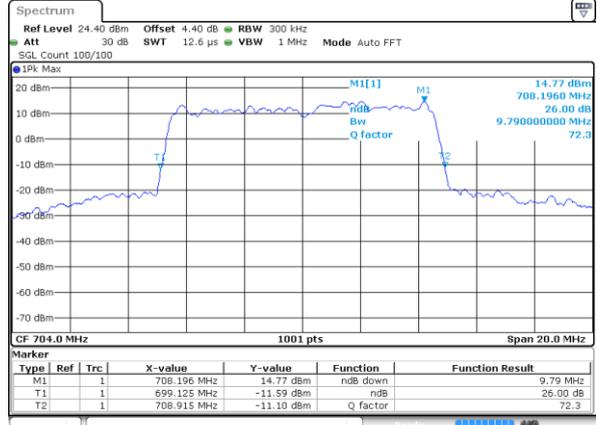
LTE Band 12

Lowest Channel / 5MHz / 64QAM



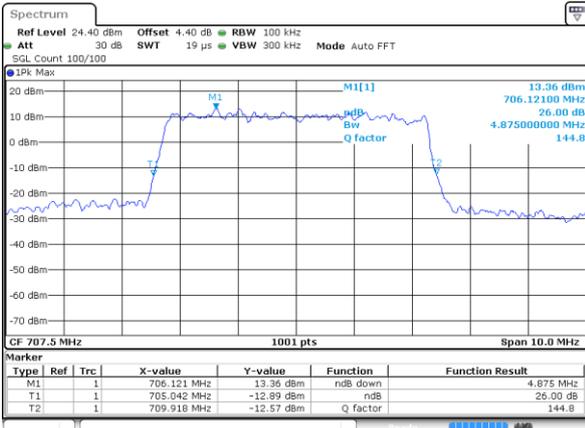
Date: 23 SEP 2019 12:15:59

Lowest Channel / 10MHz / 64QAM



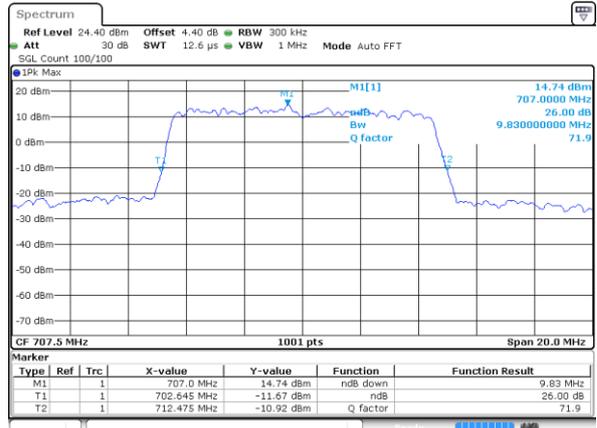
Date: 23 SEP 2019 12:26:46

Middle Channel / 5MHz / 64QAM



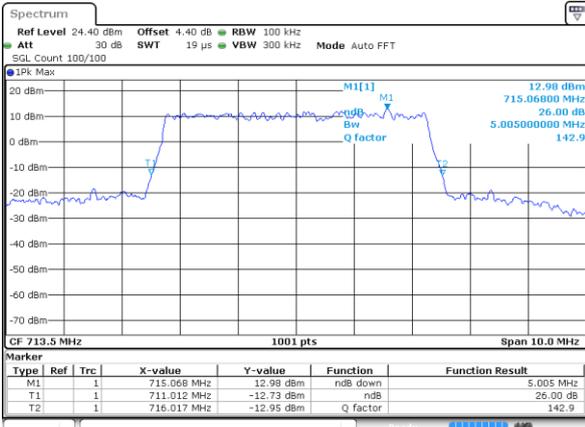
Date: 23 SEP 2019 12:16:19

Middle Channel / 10MHz / 64QAM



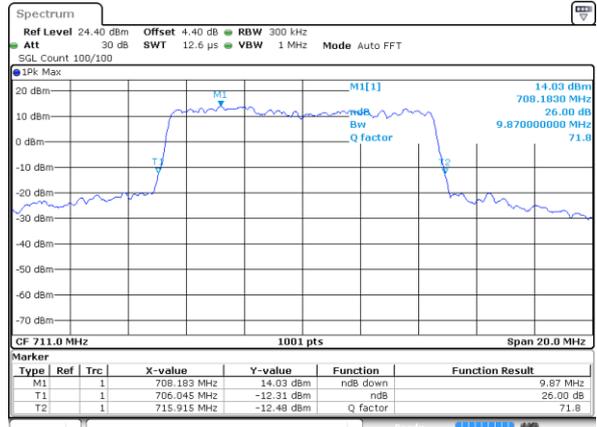
Date: 23 SEP 2019 12:27:06

Highest Channel / 5MHz / 64QAM



Date: 23 SEP 2019 12:16:39

Highest Channel / 10MHz / 64QAM

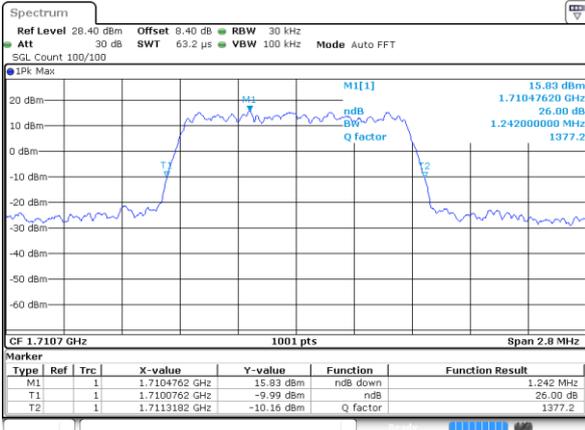


Date: 23 SEP 2019 12:27:26



LTE Band 66

Lowest Channel / 1.4MHz / QPSK



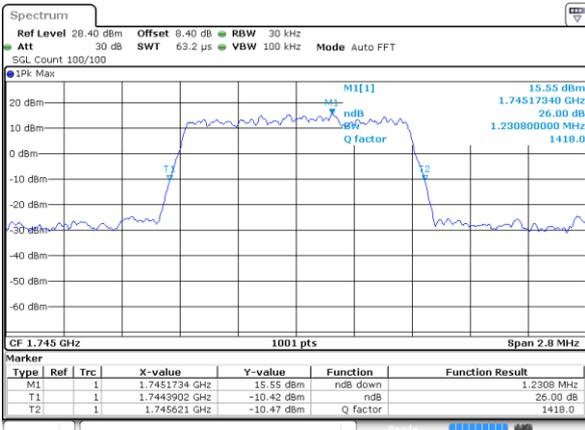
Date: 25 SEP 2019 23:53:14

Lowest Channel / 1.4MHz / 16QAM



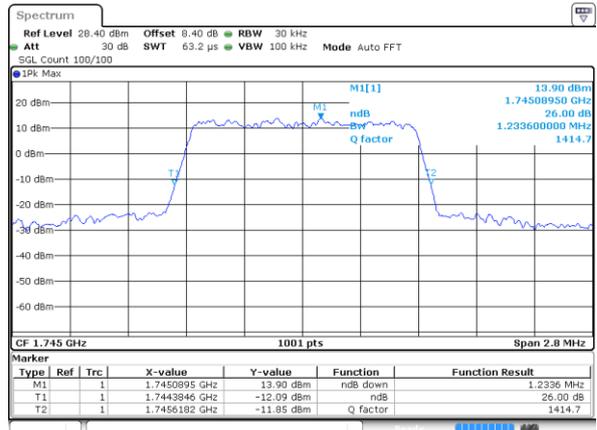
Date: 25 SEP 2019 23:54:48

Middle Channel / 1.4MHz / QPSK



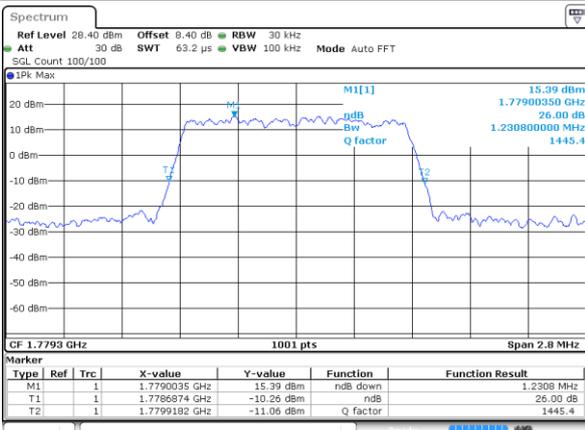
Date: 25 SEP 2019 23:56:46

Middle Channel / 1.4MHz / 16QAM



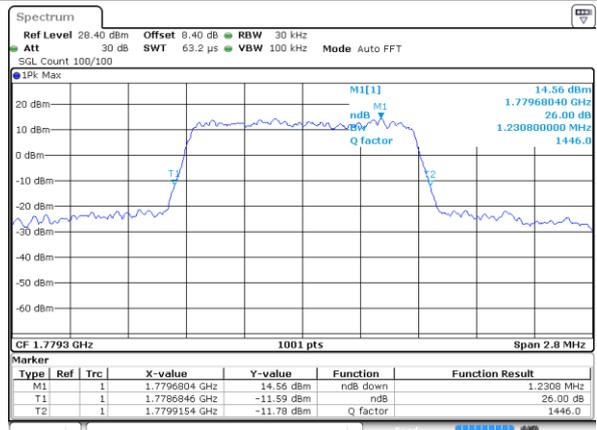
Date: 25 SEP 2019 23:56:33

Highest Channel / 1.4MHz / QPSK



Date: 25 SEP 2019 23:59:28

Highest Channel / 1.4MHz / 16QAM

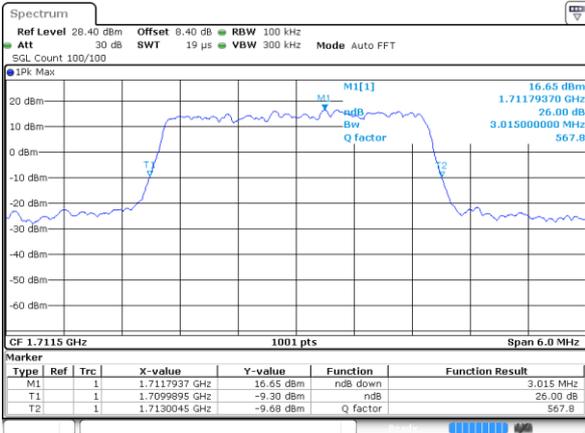


Date: 25 SEP 2019 23:59:49



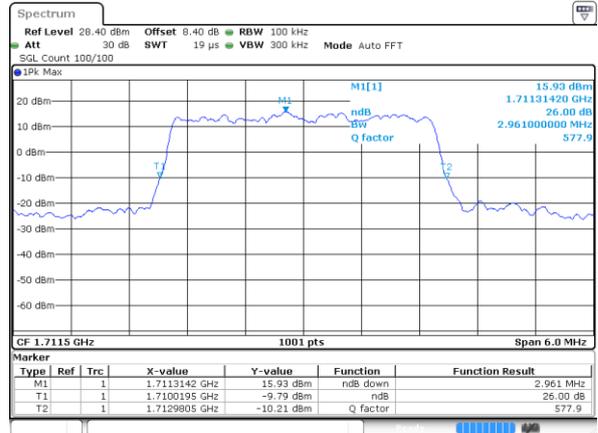
LTE Band 66

Lowest Channel / 3MHz / QPSK



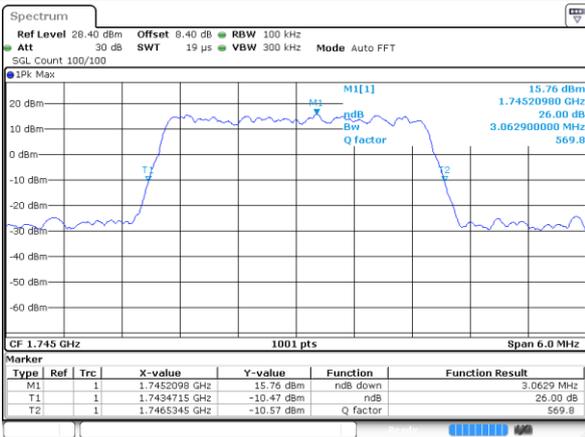
Date: 26 SEP 2019 01:04:45

Lowest Channel / 3MHz / 16QAM



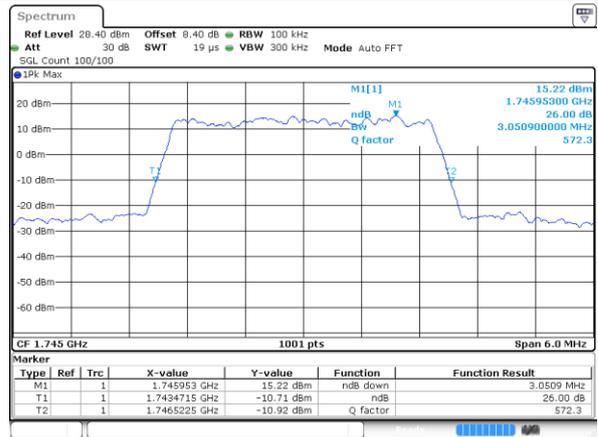
Date: 26 SEP 2019 01:05:00

Middle Channel / 3MHz / QPSK



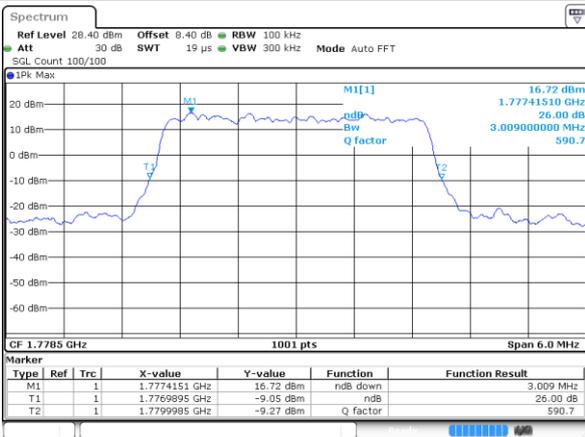
Date: 26 SEP 2019 01:07:40

Middle Channel / 3MHz / 16QAM



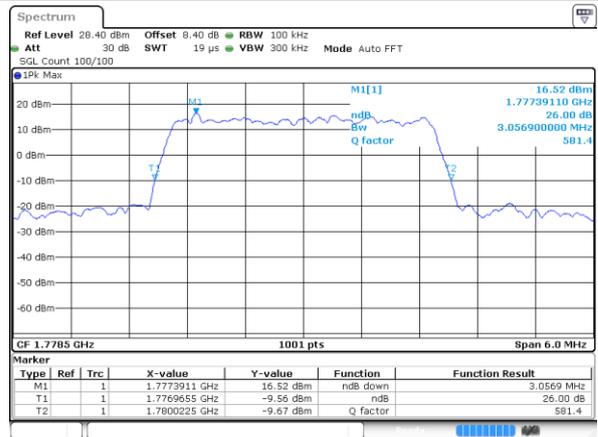
Date: 26 SEP 2019 01:06:21

Highest Channel / 3MHz / QPSK



Date: 26 SEP 2019 01:08:47

Highest Channel / 3MHz / 16QAM

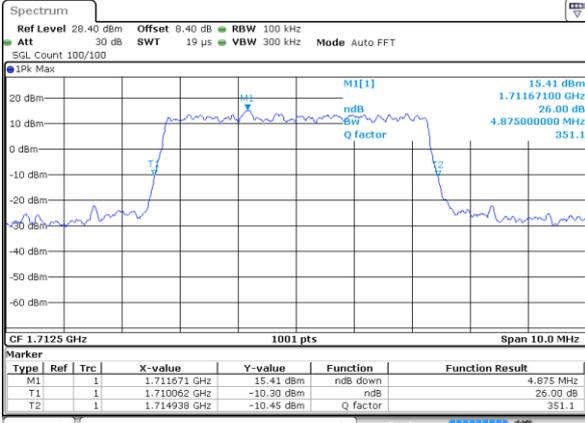


Date: 26 SEP 2019 01:09:01



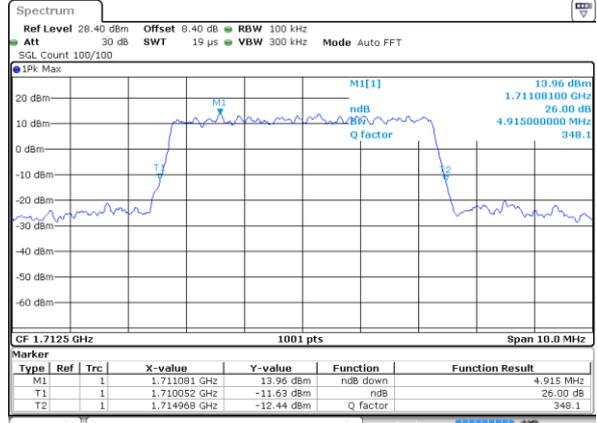
LTE Band 66

Lowest Channel / 5MHz / QPSK



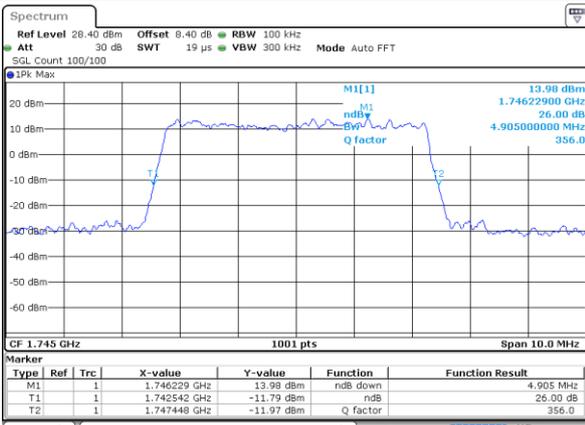
Date: 26 SEP 2019 02:22:09

Lowest Channel / 5MHz / 16QAM



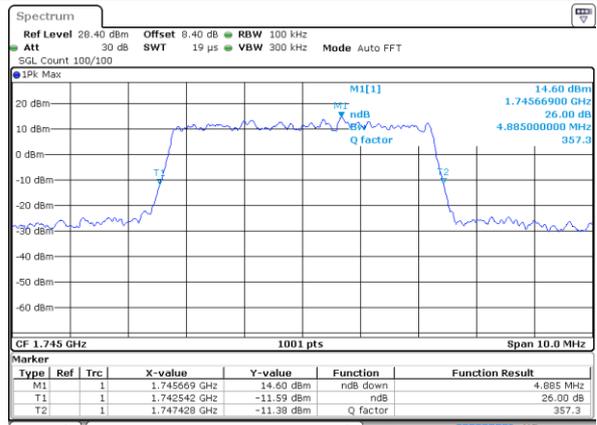
Date: 26 SEP 2019 02:21:57

Middle Channel / 5MHz / QPSK



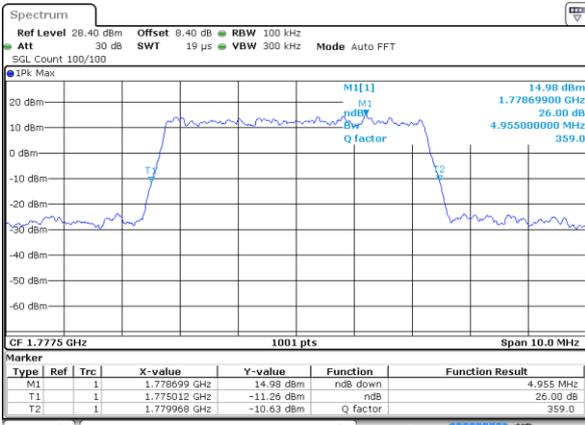
Date: 26 SEP 2019 02:20:30

Middle Channel / 5MHz / 16QAM



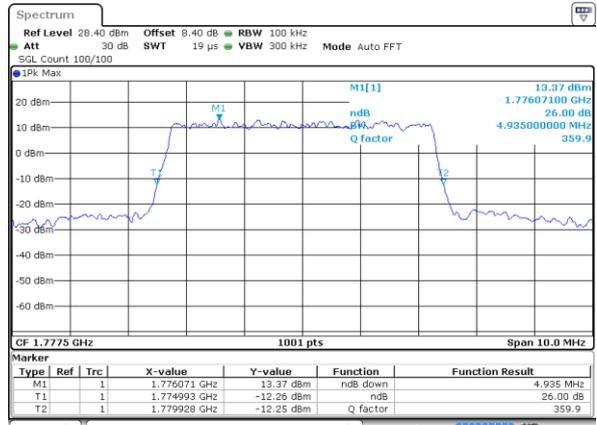
Date: 26 SEP 2019 02:20:42

Highest Channel / 5MHz / QPSK



Date: 26 SEP 2019 02:19:52

Highest Channel / 5MHz / 16QAM

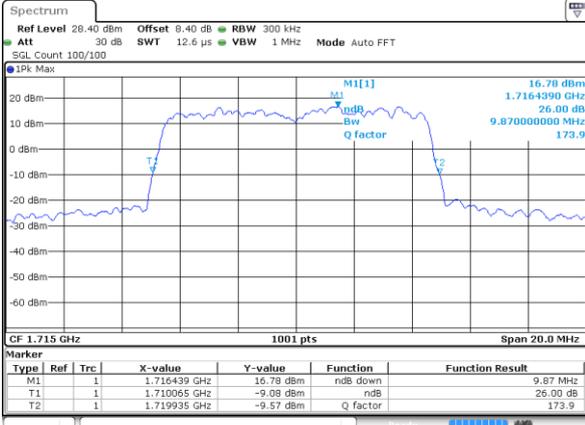


Date: 26 SEP 2019 02:19:09



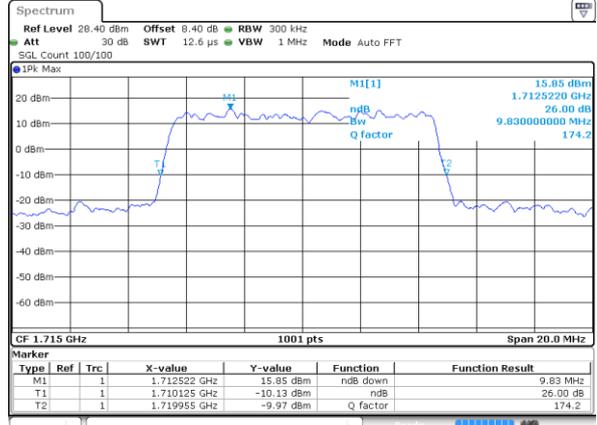
LTE Band 66

Lowest Channel / 10MHz / QPSK



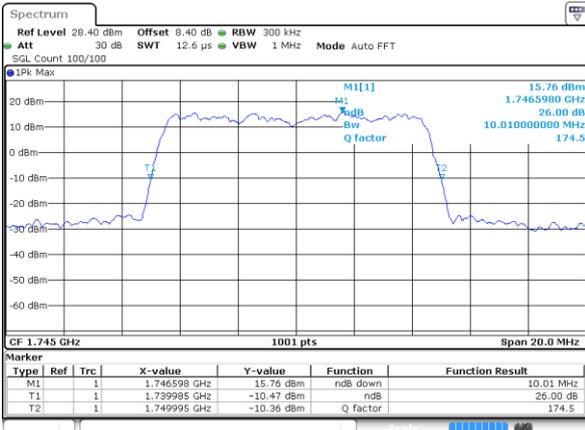
Date: 26 SEP 2019 02:55:47

Lowest Channel / 10MHz / 16QAM



Date: 26 SEP 2019 02:55:06

Middle Channel / 10MHz / QPSK



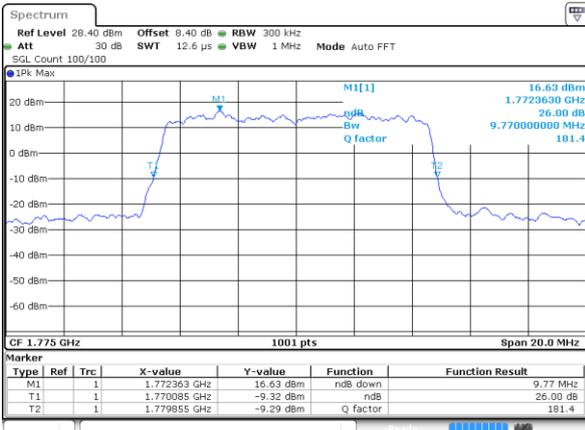
Date: 26 SEP 2019 02:57:24

Middle Channel / 10MHz / 16QAM



Date: 26 SEP 2019 02:58:38

Highest Channel / 10MHz / QPSK



Date: 26 SEP 2019 03:03:47

Highest Channel / 10MHz / 16QAM

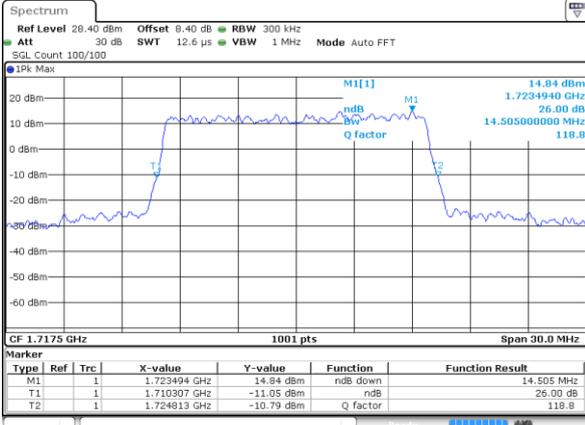


Date: 26 SEP 2019 03:00:46



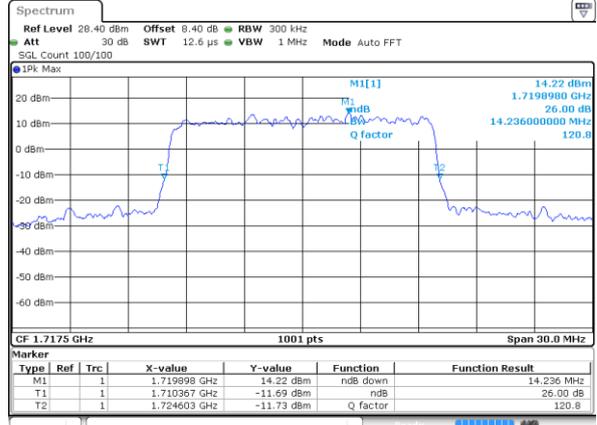
LTE Band 66

Lowest Channel / 15MHz / QPSK



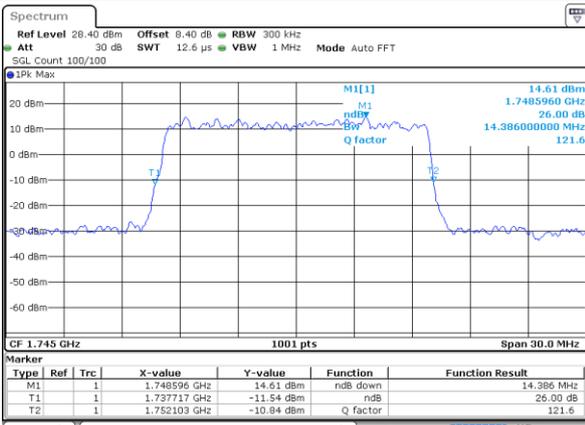
Date: 26 SEP 2019 03:19:33

Lowest Channel / 15MHz / 16QAM



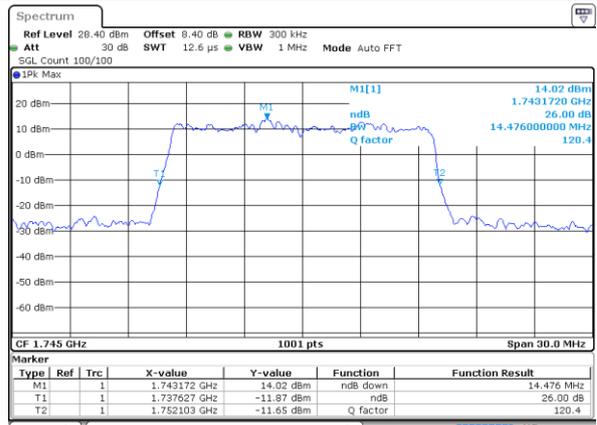
Date: 26 SEP 2019 03:20:06

Middle Channel / 15MHz / QPSK



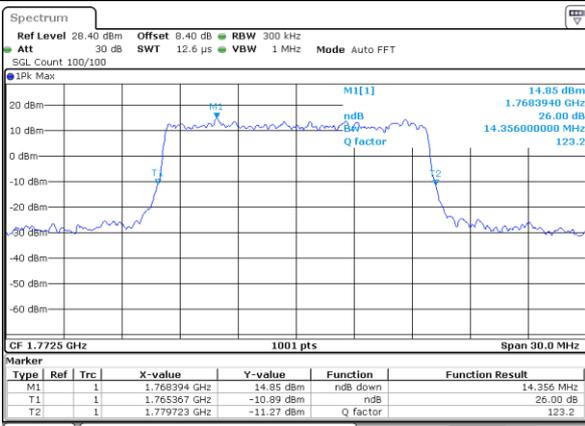
Date: 26 SEP 2019 03:22:22

Middle Channel / 15MHz / 16QAM



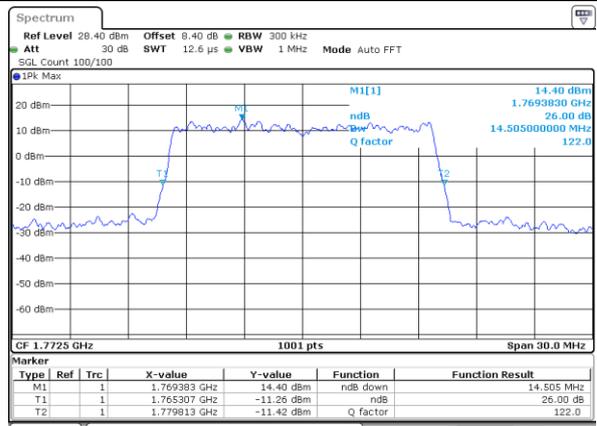
Date: 26 SEP 2019 03:22:01

Highest Channel / 15MHz / QPSK



Date: 26 SEP 2019 03:23:20

Highest Channel / 15MHz / 16QAM

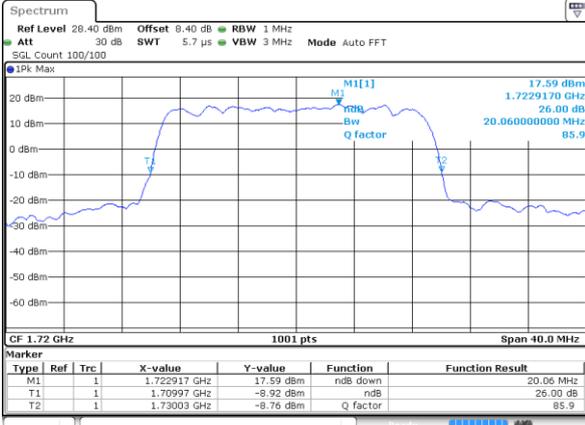


Date: 26 SEP 2019 03:23:50



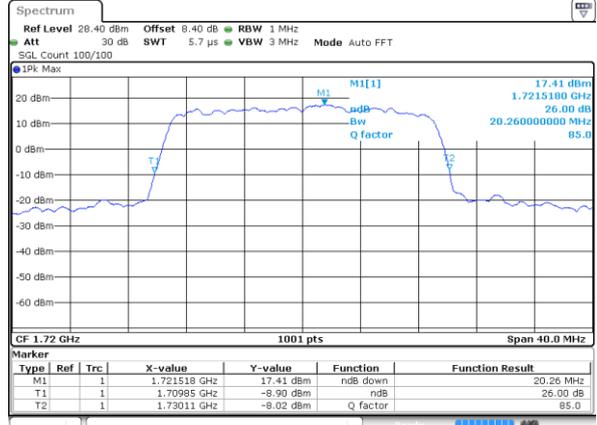
LTE Band 66

Lowest Channel / 20MHz / QPSK



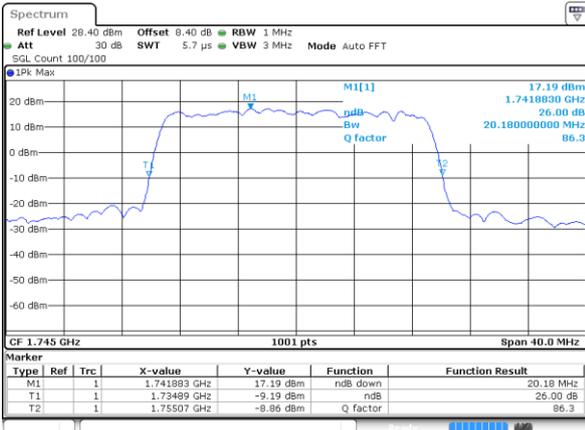
Date: 26 SEP 2019 03:47:03

Lowest Channel / 20MHz / 16QAM



Date: 26 SEP 2019 03:45:53

Middle Channel / 20MHz / QPSK



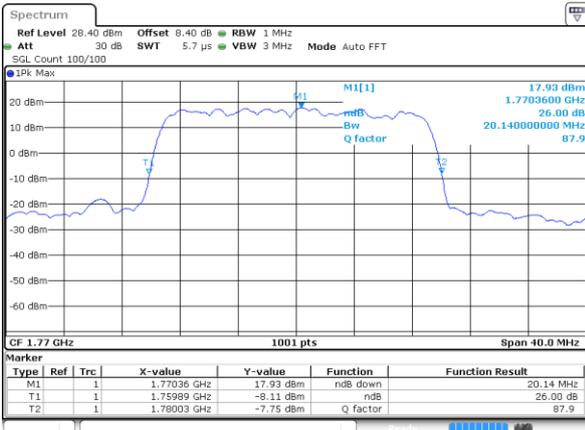
Date: 26 SEP 2019 03:48:23

Middle Channel / 20MHz / 16QAM



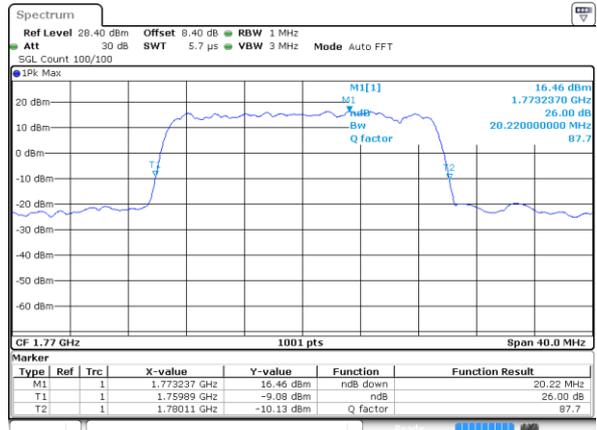
Date: 26 SEP 2019 03:49:02

Highest Channel / 20MHz / QPSK



Date: 26 SEP 2019 03:52:51

Highest Channel / 20MHz / 16QAM

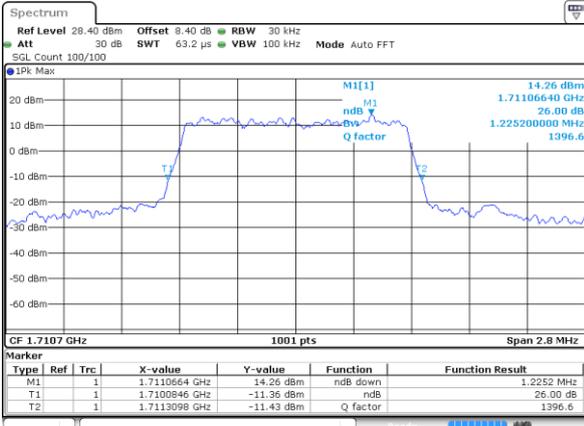


Date: 26 SEP 2019 03:52:03



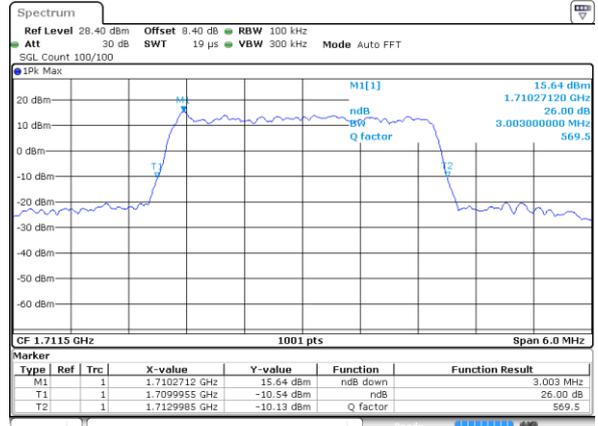
LTE Band 66

Lowest Channel / 1.4MHz / 64QAM



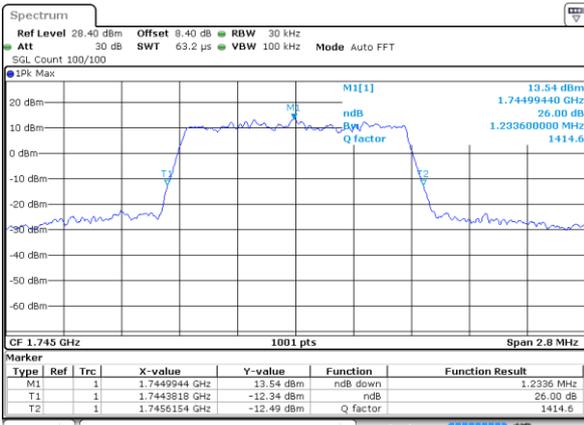
Date: 25 SEP 2019 23:55:13

Lowest Channel / 3MHz / 64QAM



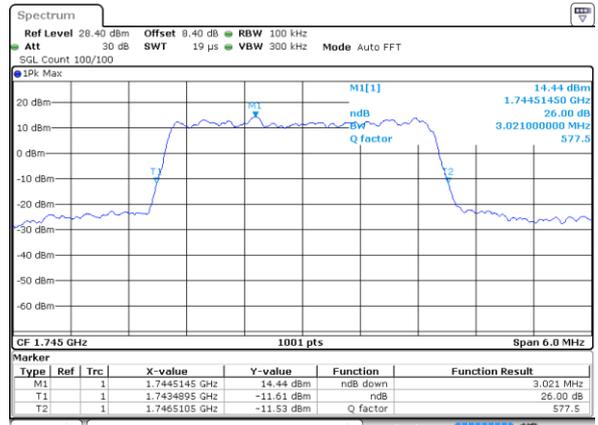
Date: 26 SEP 2019 01:05:21

Middle Channel / 1.4MHz / 64QAM



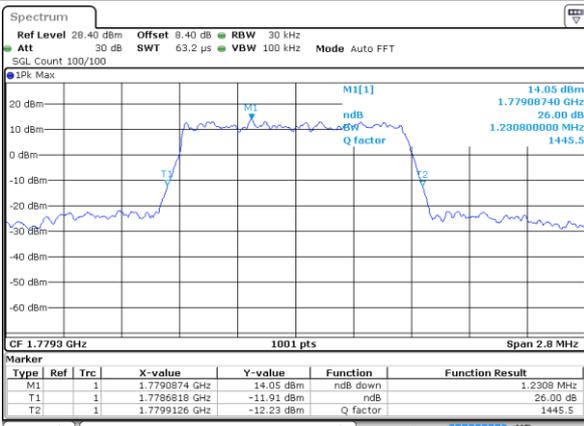
Date: 25 SEP 2019 23:56:05

Middle Channel / 3MHz / 64QAM



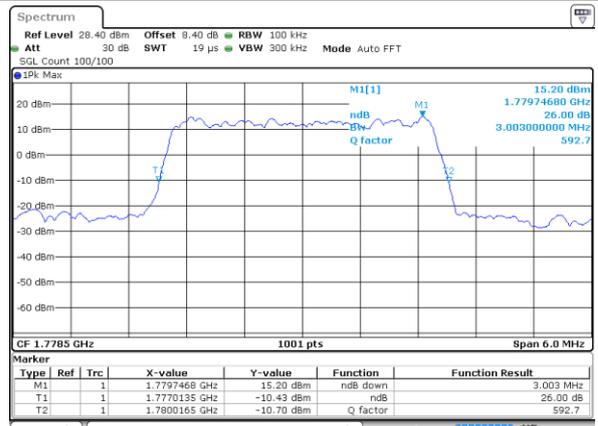
Date: 26 SEP 2019 01:07:26

Highest Channel / 1.4MHz / 64QAM



Date: 26 SEP 2019 00:00:03

Highest Channel / 3MHz / 64QAM

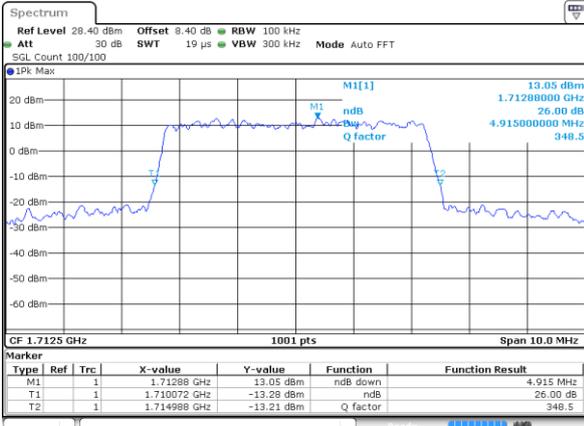


Date: 26 SEP 2019 01:09:16



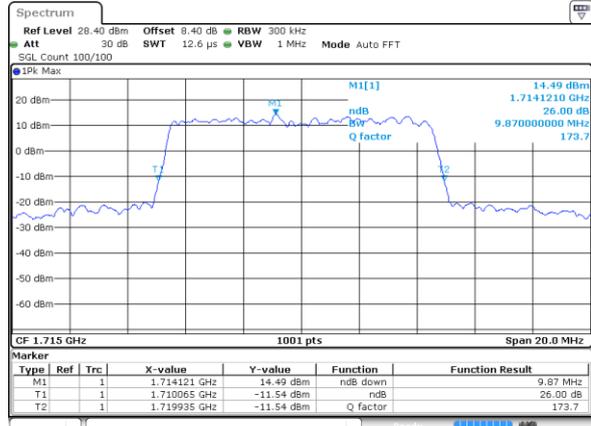
LTE Band 66

Lowest Channel / 5MHz / 64QAM



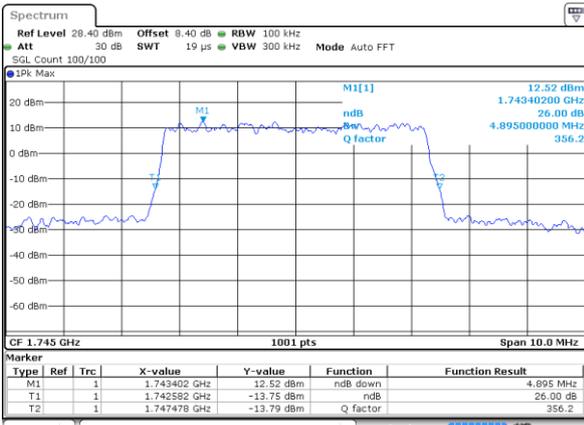
Date: 26 SEP 2019 02:21:38

Lowest Channel / 10MHz / 64QAM



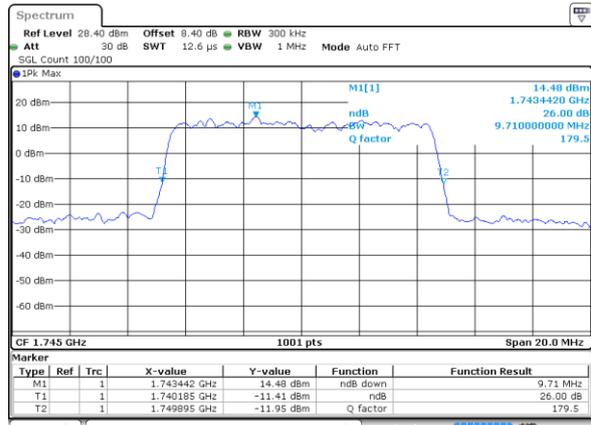
Date: 26 SEP 2019 02:53:58

Middle Channel / 5MHz / 64QAM



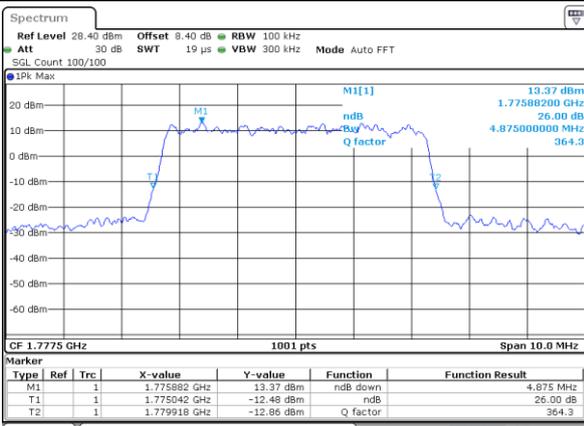
Date: 26 SEP 2019 02:20:58

Middle Channel / 10MHz / 64QAM



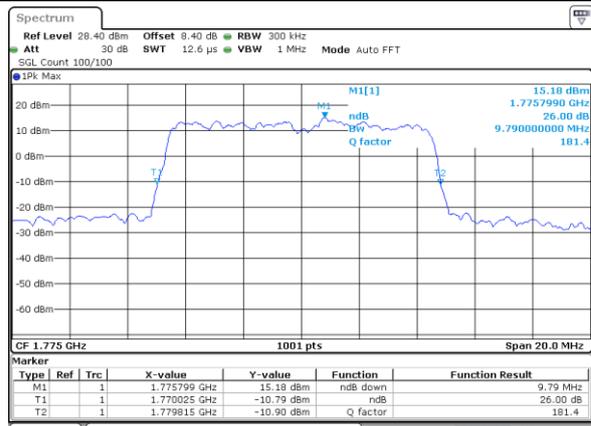
Date: 26 SEP 2019 02:59:18

Highest Channel / 5MHz / 64QAM



Date: 26 SEP 2019 02:18:39

Highest Channel / 10MHz / 64QAM

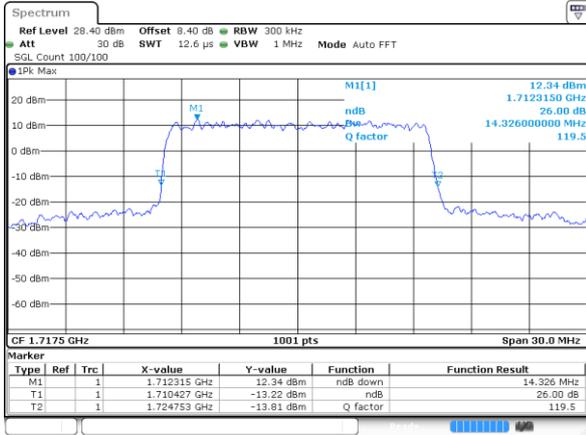


Date: 26 SEP 2019 03:00:10



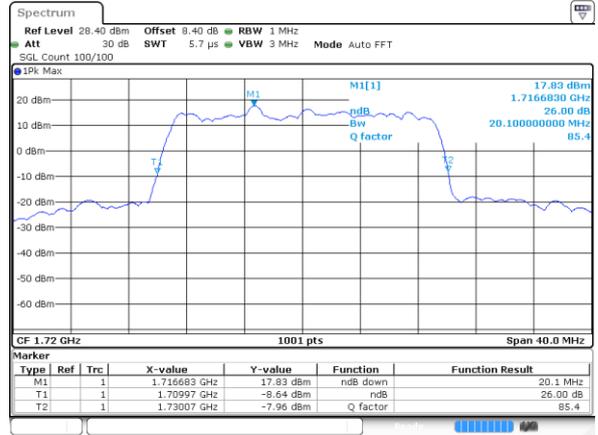
LTE Band 66

Lowest Channel / 15MHz / 64QAM



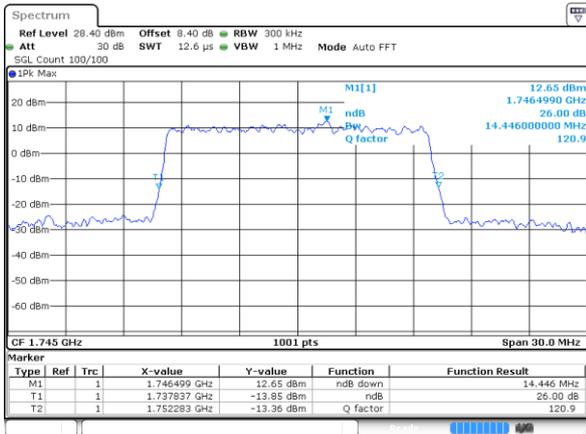
Date: 26 SEP 2019 03:20:35

Lowest Channel / 20MHz / 64QAM



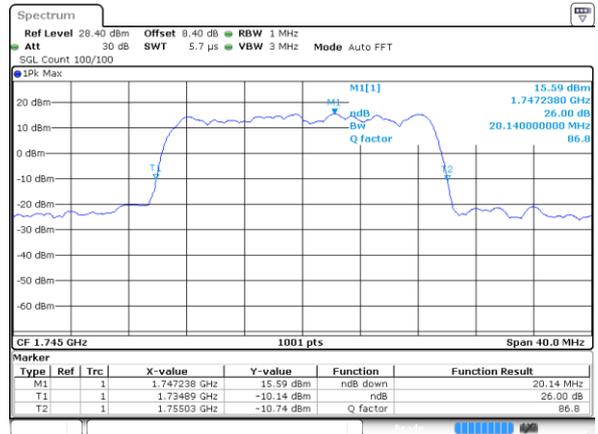
Date: 26 SEP 2019 03:45:01

Middle Channel / 15MHz / 64QAM



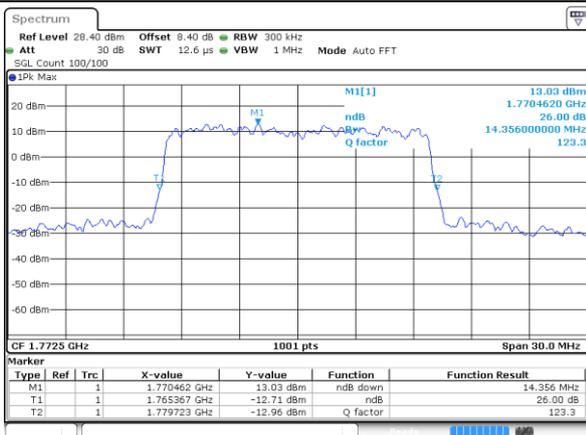
Date: 26 SEP 2019 03:21:41

Middle Channel / 20MHz / 64QAM



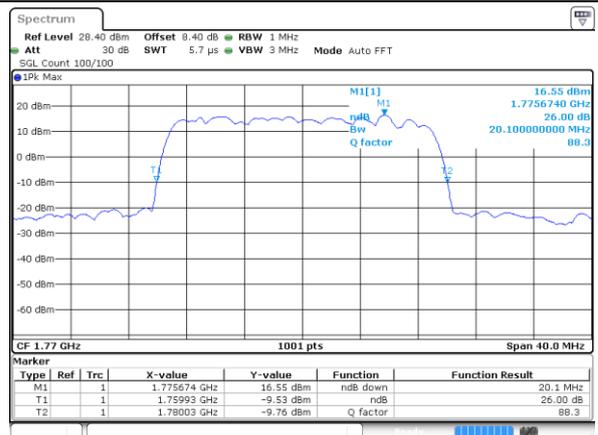
Date: 26 SEP 2019 03:49:43

Highest Channel / 15MHz / 64QAM



Date: 26 SEP 2019 03:24:32

Highest Channel / 20MHz / 64QAM



Date: 26 SEP 2019 03:51:27



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	1.08	2.73	2.72	4.51	4.49	9.05	8.99	13.34	13.37	18.14	18.22	
Middle CH	1.10	1.09	2.72	2.70	4.48	4.49	9.01	8.99	13.46	13.43	18.26	18.46	
Highest CH	1.09	1.09	2.72	2.74	4.49	4.49	8.99	9.01	13.43	13.49	18.34	18.22	
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		2.72		4.51		9.01		13.46		18.30		
Middle CH	1.10		2.73		4.50		9.01		13.46		18.26		
Highest CH	1.09		2.74		4.50		9.01		13.46		18.34		

Mode		LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.083	1.088	2.721	2.703	4.515	4.496	9.011	9.051					
Middle CH	1.088	1.094	2.721	2.733	4.505	4.496	9.011	9.011					
Highest CH	1.083	1.085	2.733	2.733	4.496	4.496	9.031	9.011					
Mode		LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH	1.088		2.745		4.515		8.991						
Middle CH	1.083		2.727		4.486		9.011						
Highest CH	1.088		2.727		4.496		9.051						



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					4.515	4.496	9.071	9.011	13.427	13.397	18.302	18.262
Middle CH					4.496	4.476	9.071	9.031	13.397	13.427	18.382	18.382
Highest CH					4.505	4.476	8.971	9.031	13.427	13.427	18.302	18.302
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.496		9.031		13.427		18.382	
Middle CH					4.505		9.031		13.457		18.302	
Highest CH					4.505		9.071		13.457		18.422	

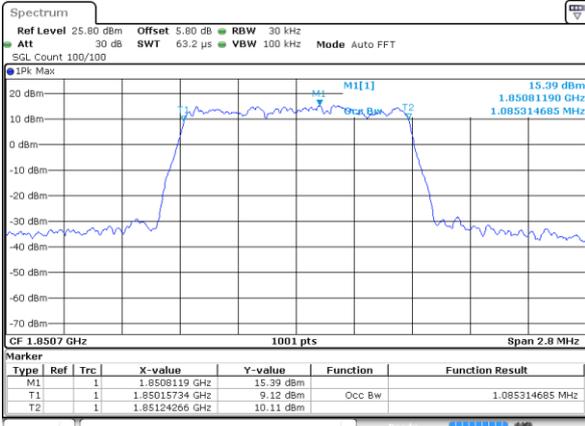
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.08	1.09	2.72	2.73	4.49	4.53	9.07	8.99	1.09	2.71	4.49	8.99
Middle CH	1.08	1.09	2.72	2.72	4.48	4.50	8.99	9.05	1.10	2.71	4.49	8.99
Highest CH	1.09	1.09	2.70	2.72	4.51	4.50	9.07	9.03	1.09	2.73	4.51	9.01

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	1.08	2.70	2.73	4.49	4.51	9.05	9.03	13.43	13.37	18.34	18.30
Middle CH	1.09	1.09	2.72	2.72	4.49	4.47	8.99	8.99	13.43	13.43	18.30	18.42
Highest CH	1.09	1.09	2.73	2.74	4.49	4.5	9.01	9.01	13.43	13.43	18.26	18.26
Mode	LTE Band 66: 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.08		2.72		4.51		8.99		13.46		18.42	
Middle CH	1.09		2.73		4.49		9.07		13.49		18.30	
Highest CH	1.09		2.72		4.50		9.03		13.43		18.42	



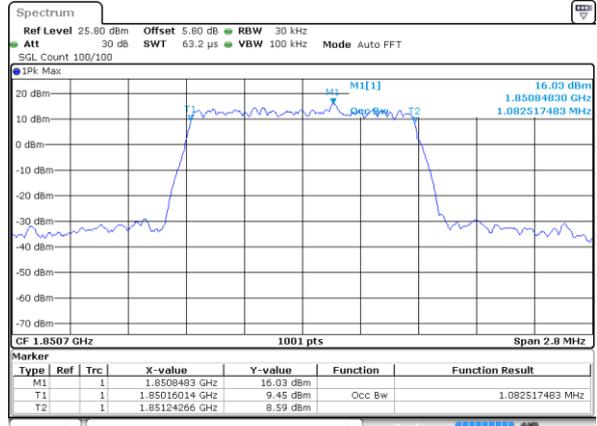
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



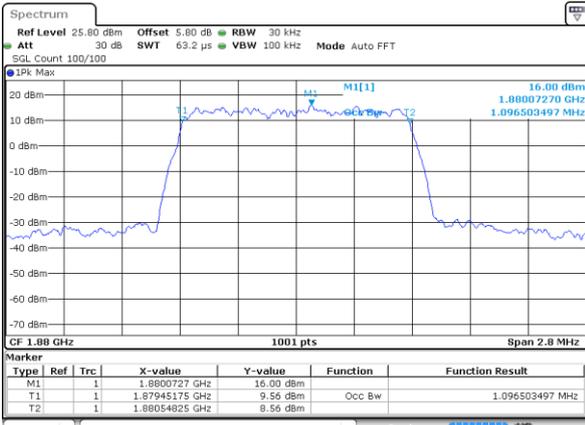
Date: 19 SEP 2019 01:54:55

Lowest Channel / 1.4MHz / 16QAM



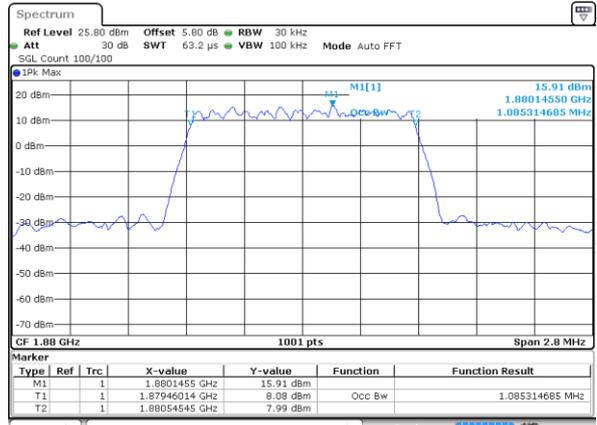
Date: 19 SEP 2019 01:55:05

Middle Channel / 1.4MHz / QPSK



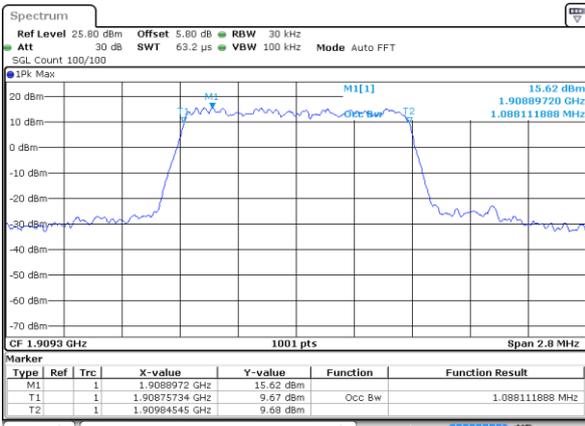
Date: 19 SEP 2019 02:01:49

Middle Channel / 1.4MHz / 16QAM



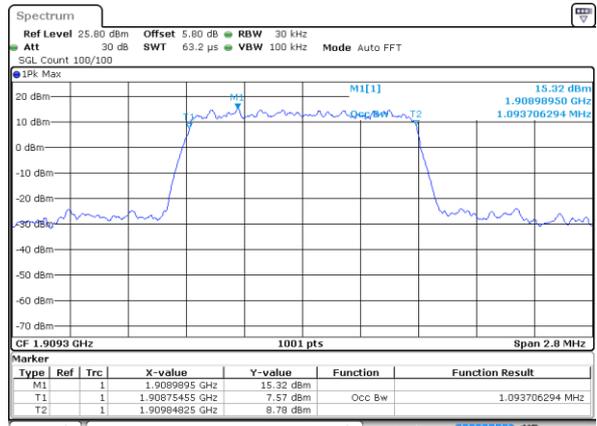
Date: 19 SEP 2019 02:01:59

Highest Channel / 1.4MHz / QPSK



Date: 19 SEP 2019 02:04:16

Highest Channel / 1.4MHz / 16QAM

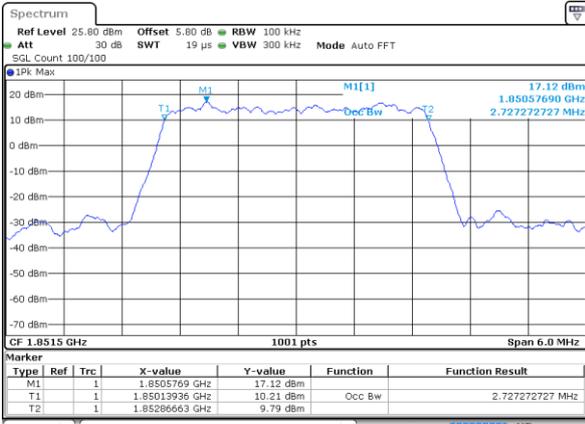


Date: 19 SEP 2019 02:04:26



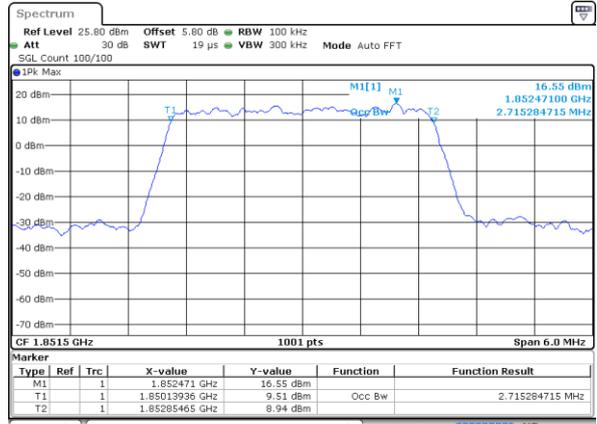
LTE Band 2

Lowest Channel / 3MHz / QPSK



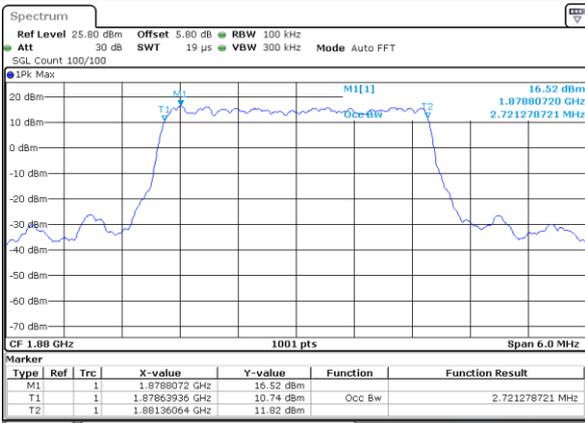
Date: 19 SEP 2019 02:11:10

Lowest Channel / 3MHz / 16QAM



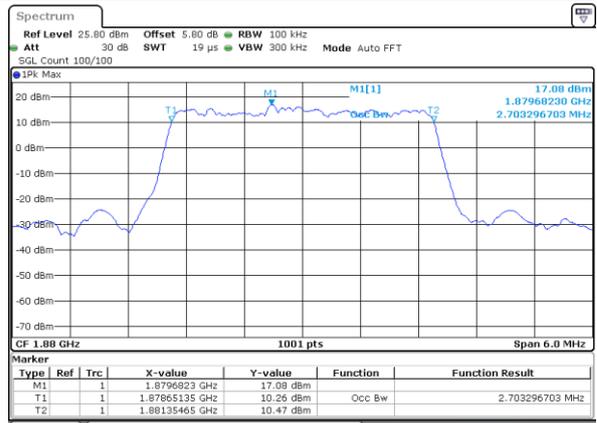
Date: 19 SEP 2019 02:11:20

Middle Channel / 3MHz / QPSK



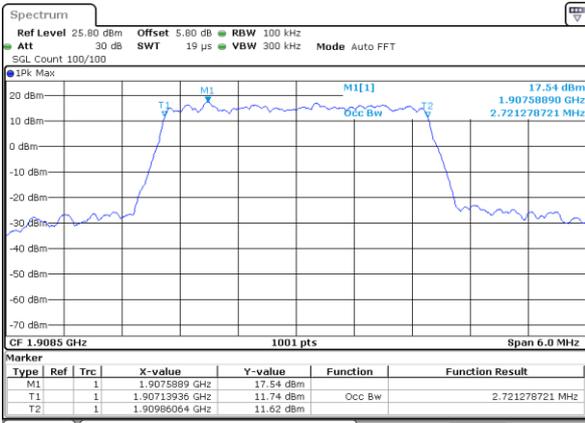
Date: 19 SEP 2019 02:18:05

Middle Channel / 3MHz / 16QAM



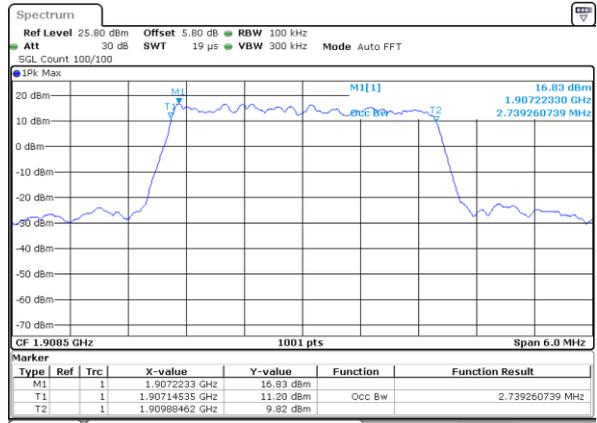
Date: 19 SEP 2019 02:18:15

Highest Channel / 3MHz / QPSK



Date: 19 SEP 2019 02:20:31

Highest Channel / 3MHz / 16QAM

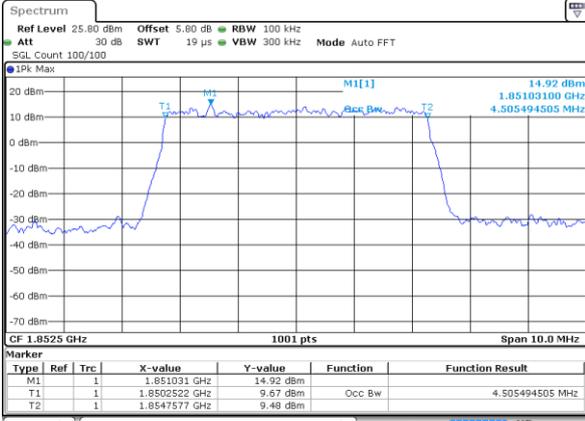


Date: 19 SEP 2019 02:20:41



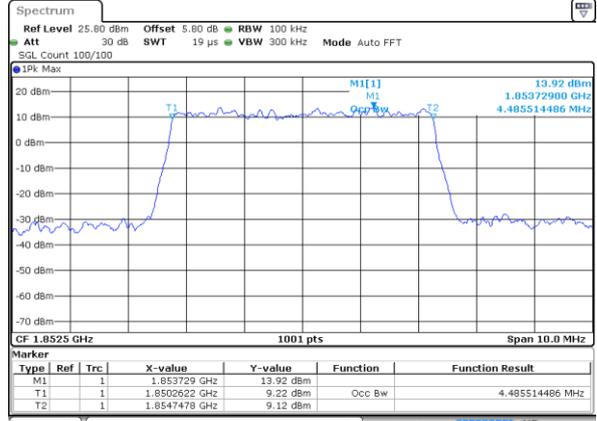
LTE Band 2

Lowest Channel / 5MHz / QPSK



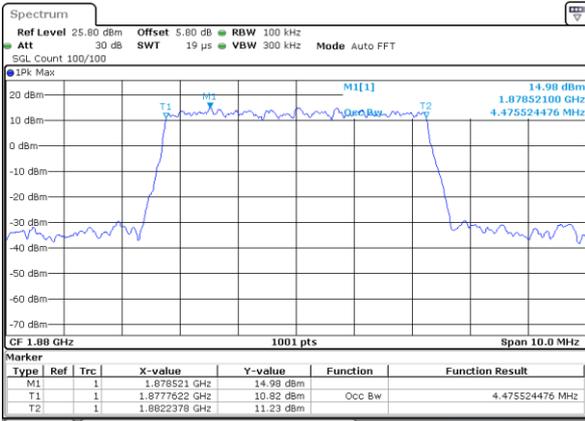
Date: 19 SEP 2019 02:27:26

Lowest Channel / 5MHz / 16QAM



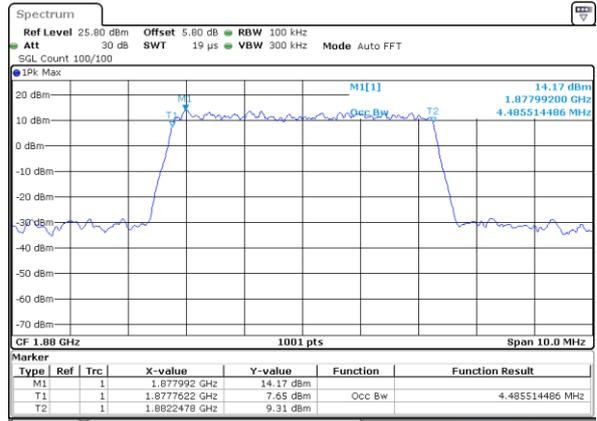
Date: 19 SEP 2019 02:27:36

Middle Channel / 5MHz / QPSK



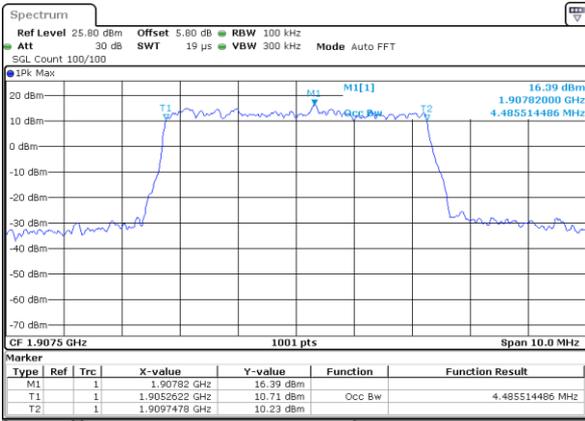
Date: 19 SEP 2019 02:34:20

Middle Channel / 5MHz / 16QAM



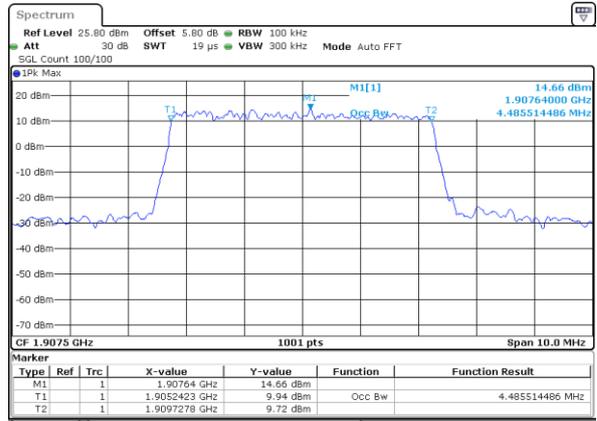
Date: 19 SEP 2019 02:34:30

Highest Channel / 5MHz / QPSK



Date: 19 SEP 2019 02:36:47

Highest Channel / 5MHz / 16QAM

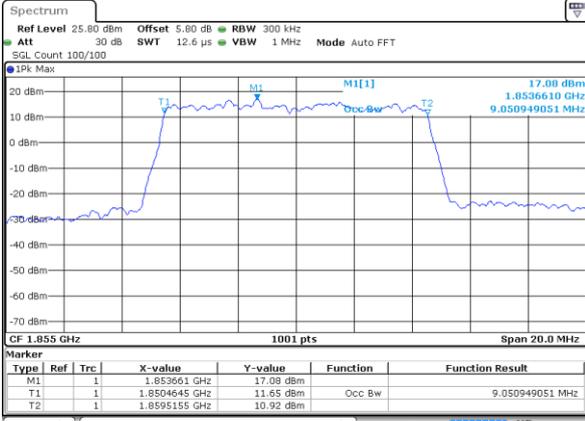


Date: 19 SEP 2019 02:36:57



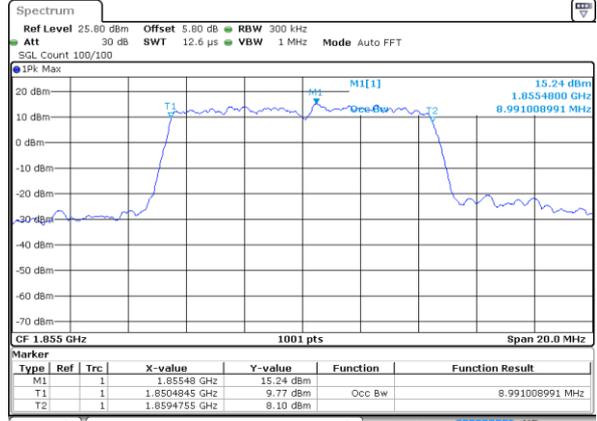
LTE Band 2

Lowest Channel / 10MHz / QPSK



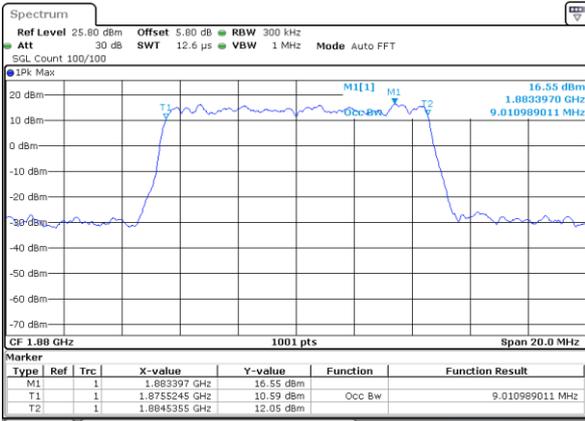
Date: 19 SEP 2019 02:43:41

Lowest Channel / 10MHz / 16QAM



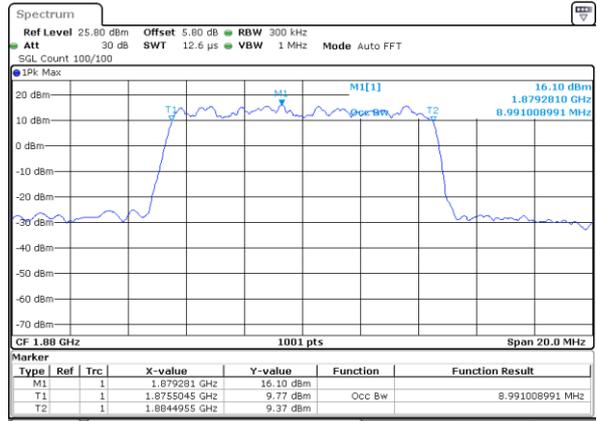
Date: 19 SEP 2019 02:43:51

Middle Channel / 10MHz / QPSK



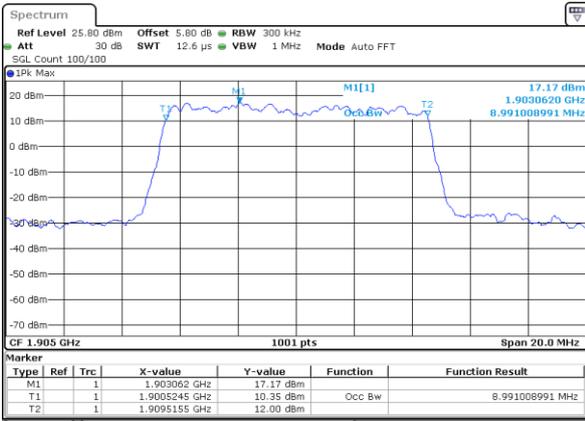
Date: 19 SEP 2019 02:50:36

Middle Channel / 10MHz / 16QAM



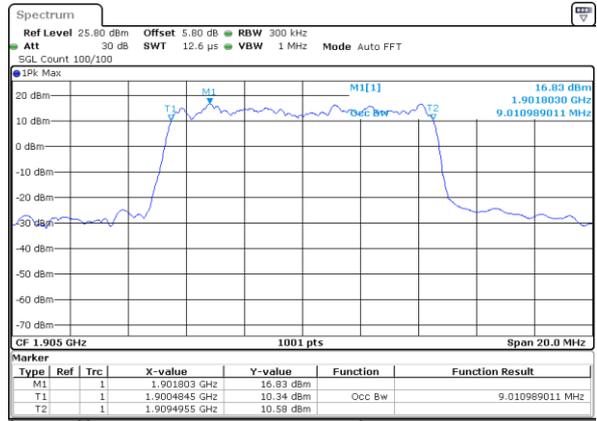
Date: 19 SEP 2019 02:50:46

Highest Channel / 10MHz / QPSK



Date: 19 SEP 2019 02:53:04

Highest Channel / 10MHz / 16QAM

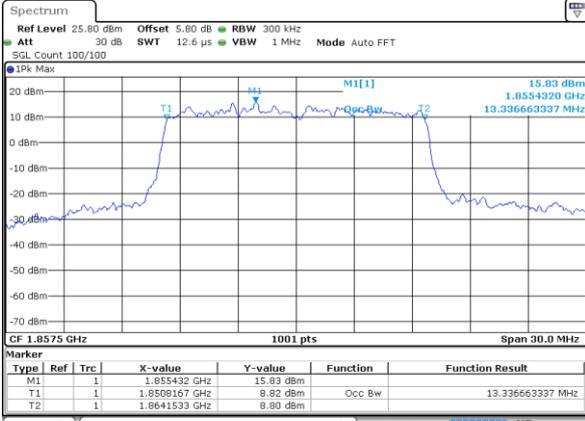


Date: 19 SEP 2019 02:53:14



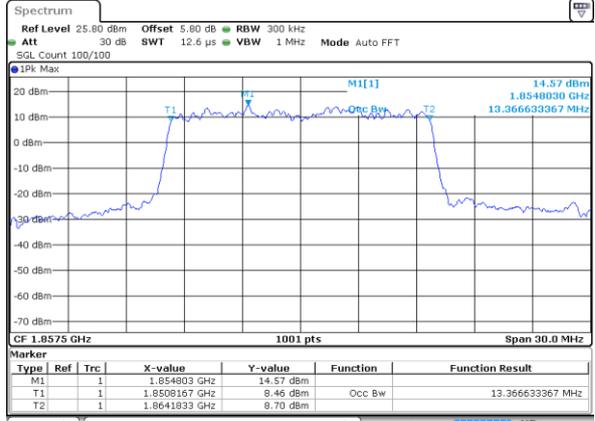
LTE Band 2

Lowest Channel / 15MHz / QPSK



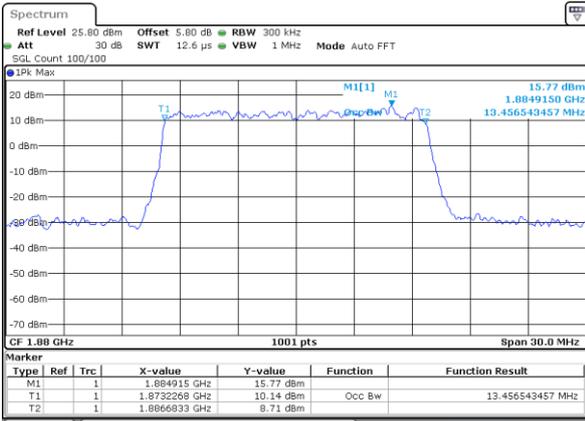
Date: 19 SEP 2019 02:59:58

Lowest Channel / 15MHz / 16QAM



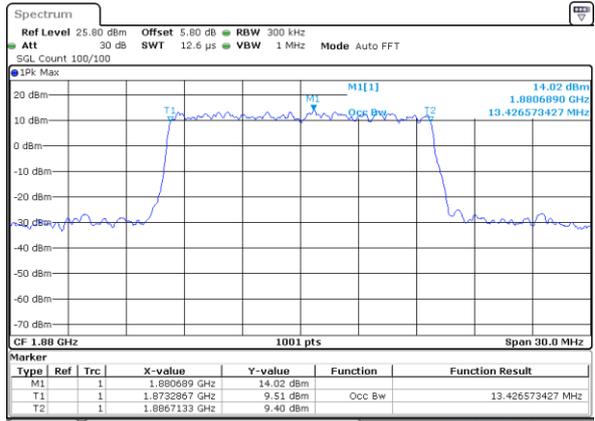
Date: 19 SEP 2019 03:00:08

Middle Channel / 15MHz / QPSK



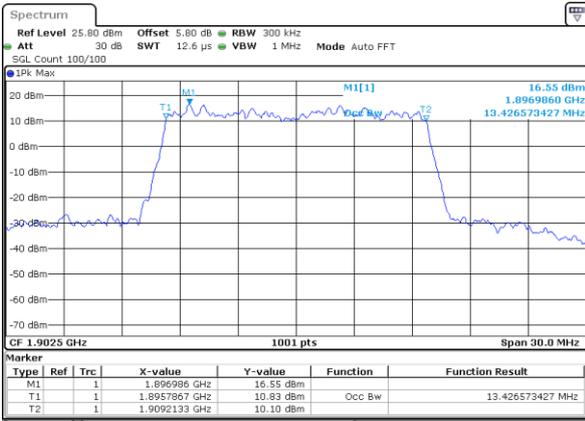
Date: 19 SEP 2019 03:06:53

Middle Channel / 15MHz / 16QAM



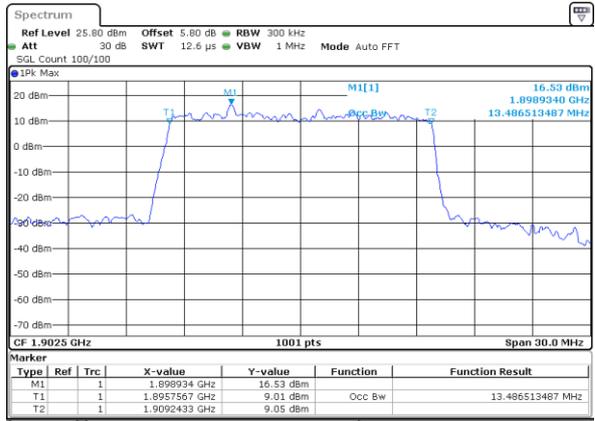
Date: 19 SEP 2019 03:07:03

Highest Channel / 15MHz / QPSK



Date: 19 SEP 2019 03:09:20

Highest Channel / 15MHz / 16QAM

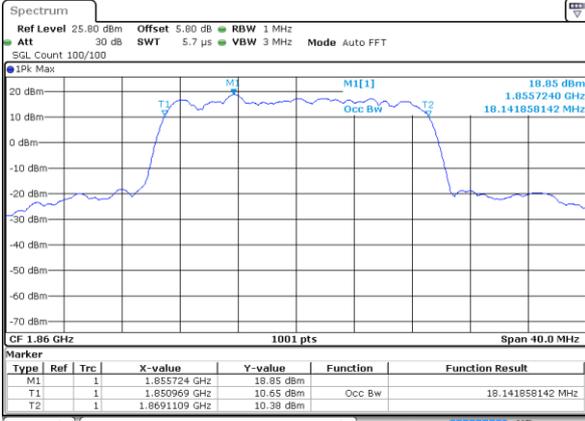


Date: 19 SEP 2019 03:09:30



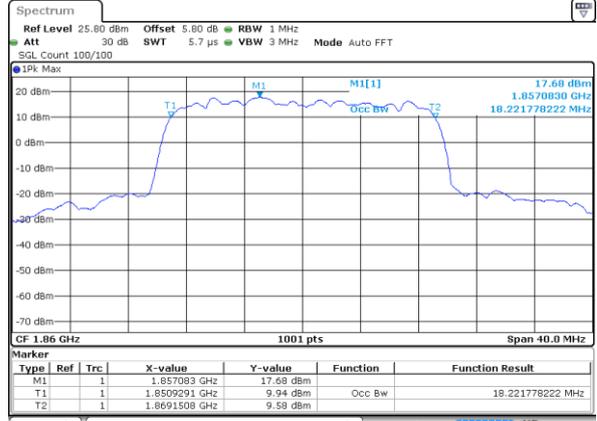
LTE Band 2

Lowest Channel / 20MHz / QPSK



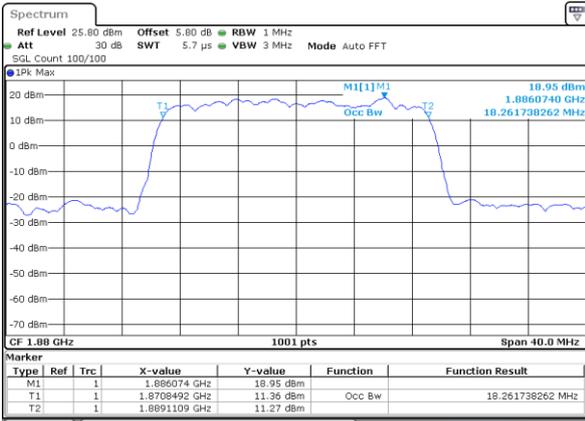
Date: 19 SEP 2019 03:16:14

Lowest Channel / 20MHz / 16QAM



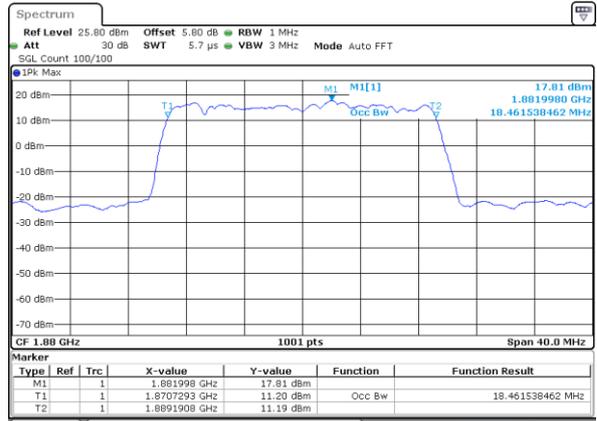
Date: 19 SEP 2019 03:16:24

Middle Channel / 20MHz / QPSK



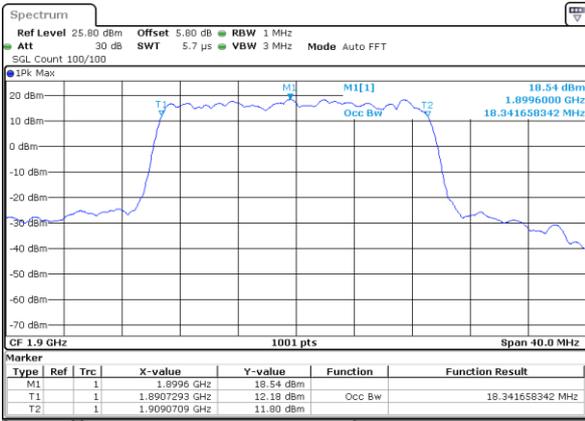
Date: 19 SEP 2019 03:23:09

Middle Channel / 20MHz / 16QAM



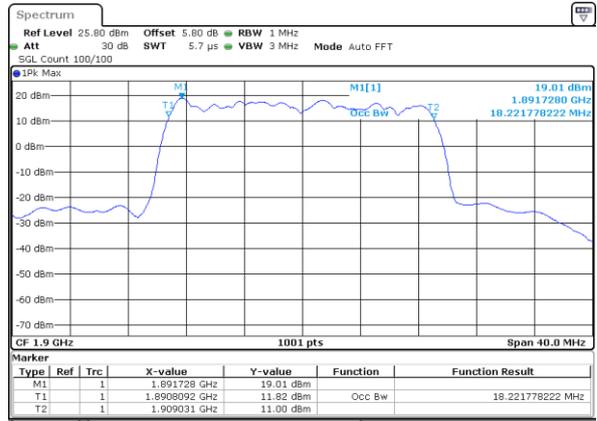
Date: 19 SEP 2019 03:23:19

Highest Channel / 20MHz / QPSK



Date: 19 SEP 2019 03:25:36

Highest Channel / 20MHz / 16QAM

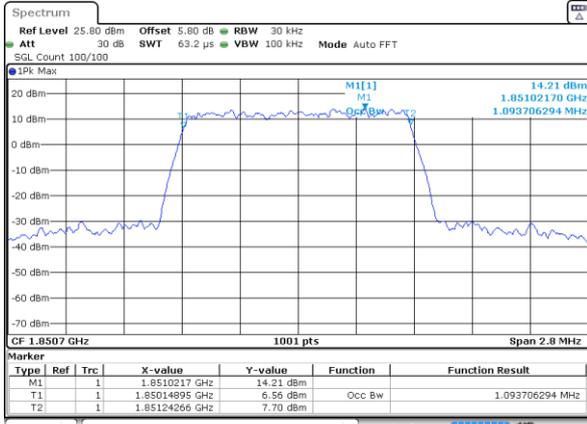


Date: 19 SEP 2019 03:25:46



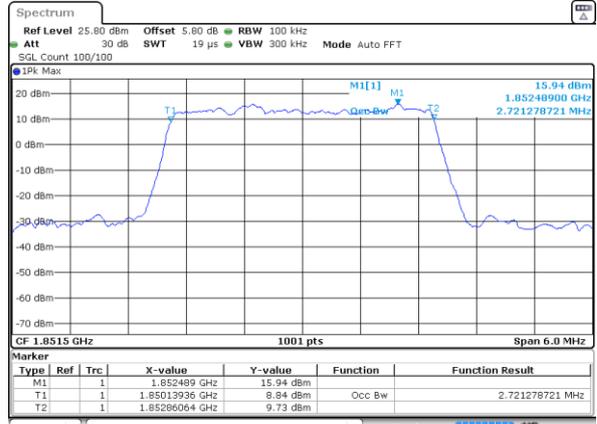
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



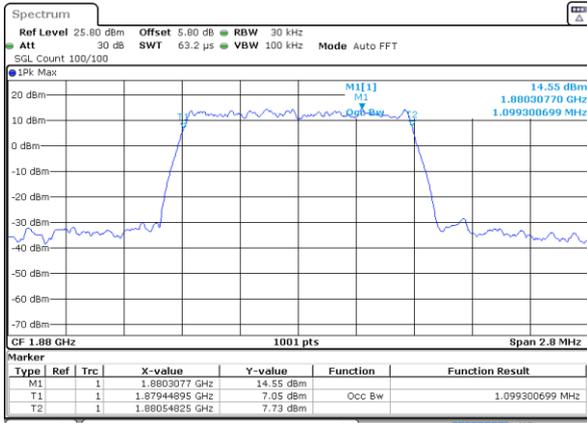
Date: 19 SEP 2019 04:11:03

Lowest Channel / 3MHz / 64QAM



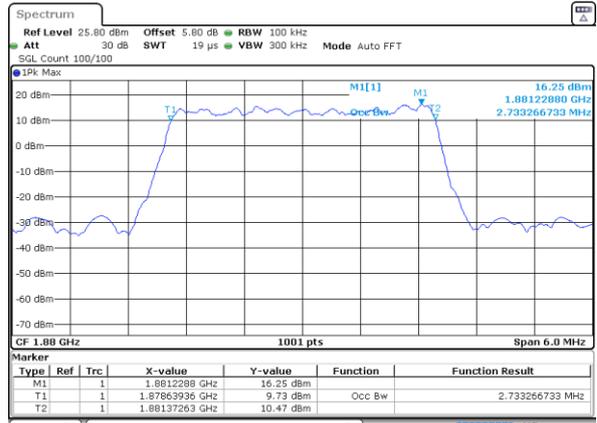
Date: 19 SEP 2019 04:11:33

Middle Channel / 1.4MHz / 64QAM



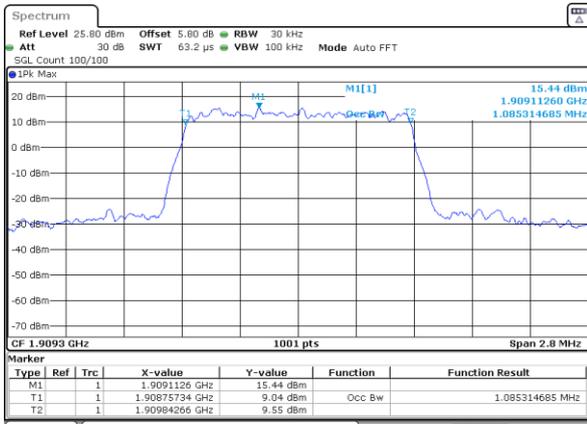
Date: 19 SEP 2019 04:11:13

Middle Channel / 3MHz / 64QAM



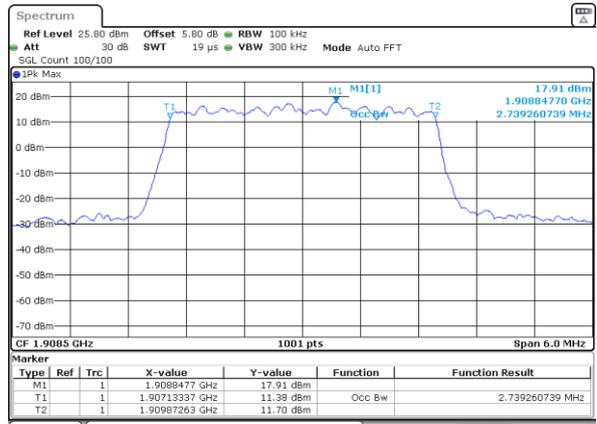
Date: 19 SEP 2019 04:11:43

Highest Channel / 1.4MHz / 64QAM



Date: 19 SEP 2019 04:11:23

Highest Channel / 3MHz / 64QAM

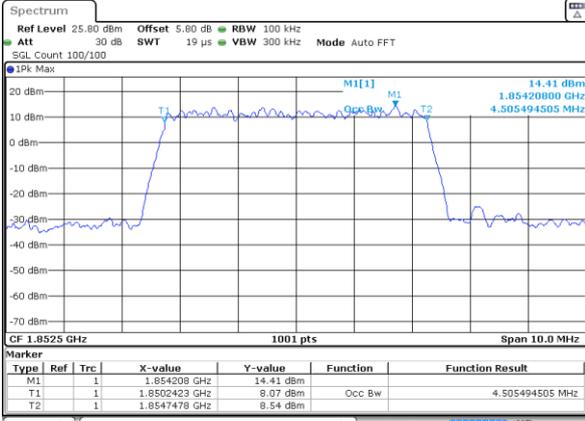


Date: 19 SEP 2019 04:11:53



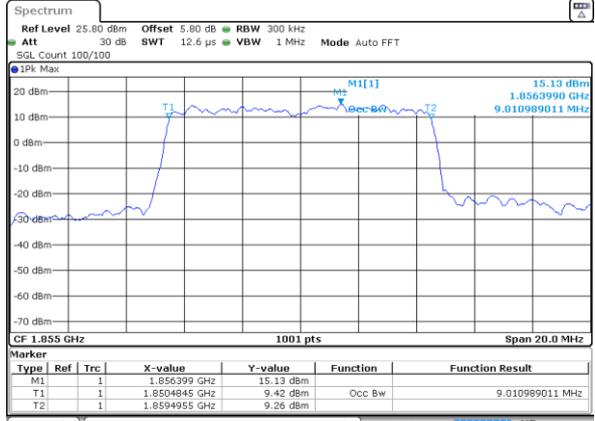
LTE Band 2

Lowest Channel / 5MHz / 64QAM



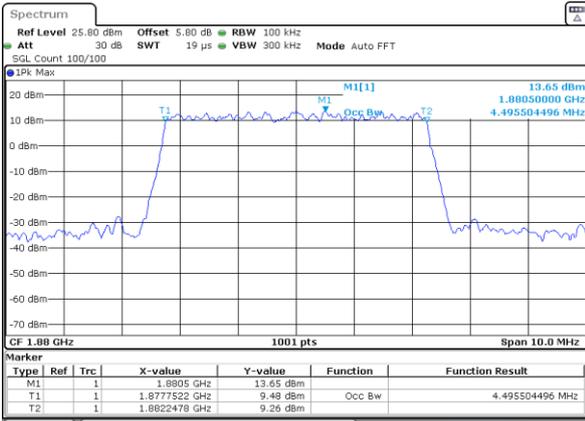
Date: 19 SEP 2019 08:47:13

Lowest Channel / 10MHz / 64QAM



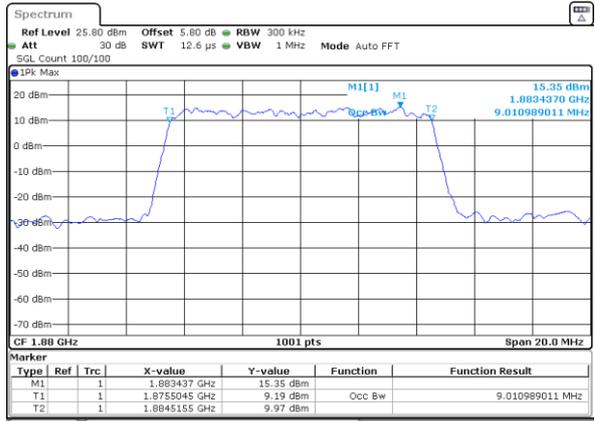
Date: 19 SEP 2019 04:12:44

Middle Channel / 5MHz / 64QAM



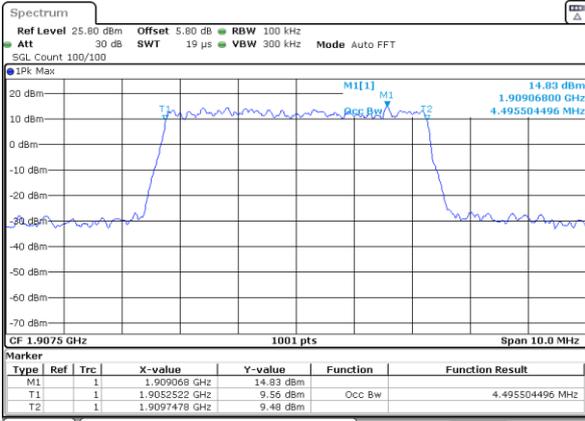
Date: 19 SEP 2019 04:12:24

Middle Channel / 10MHz / 64QAM



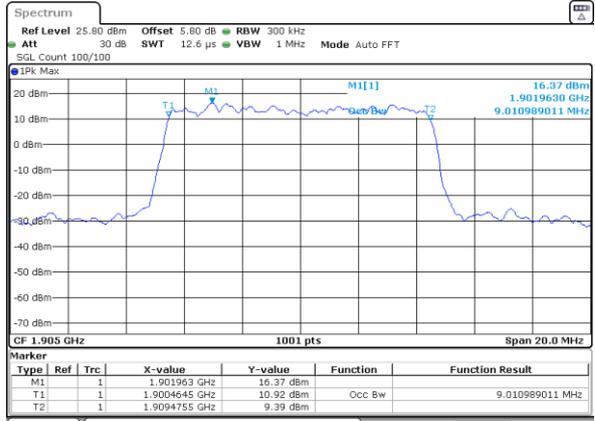
Date: 19 SEP 2019 04:12:54

Highest Channel / 5MHz / 64QAM



Date: 19 SEP 2019 04:12:34

Highest Channel / 10MHz / 64QAM

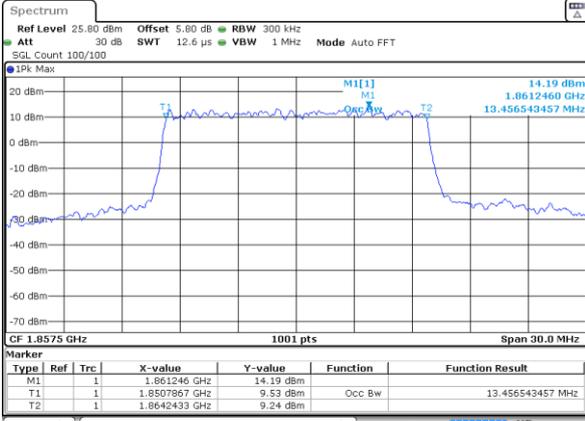


Date: 19 SEP 2019 04:13:04



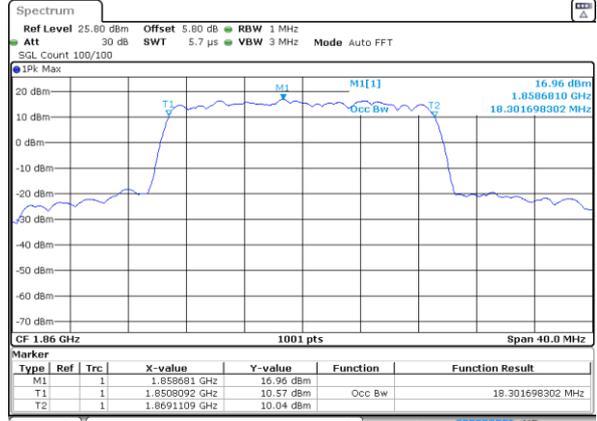
LTE Band 2

Lowest Channel / 15MHz / 64QAM



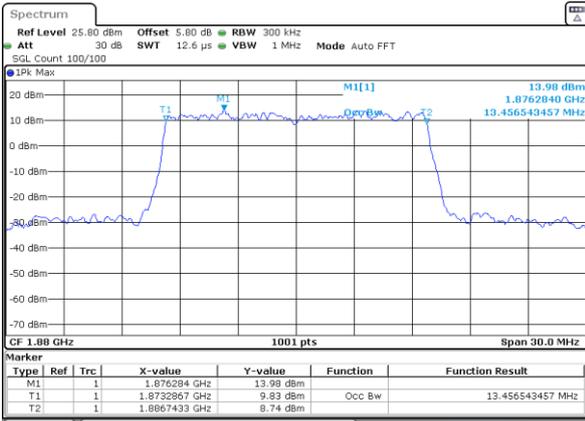
Date: 19 SEP 2019 04:13:14

Lowest Channel / 20MHz / 64QAM



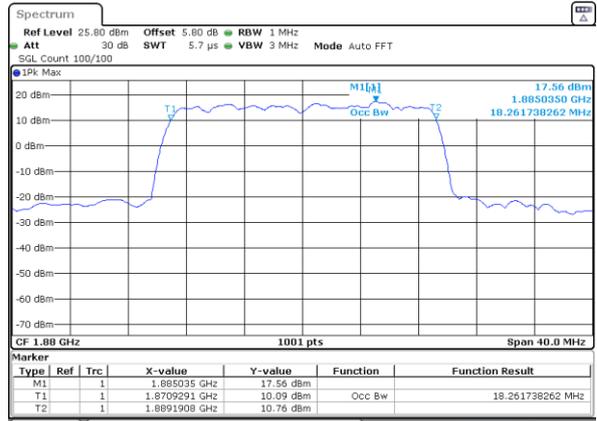
Date: 19 SEP 2019 04:13:44

Middle Channel / 15MHz / 64QAM



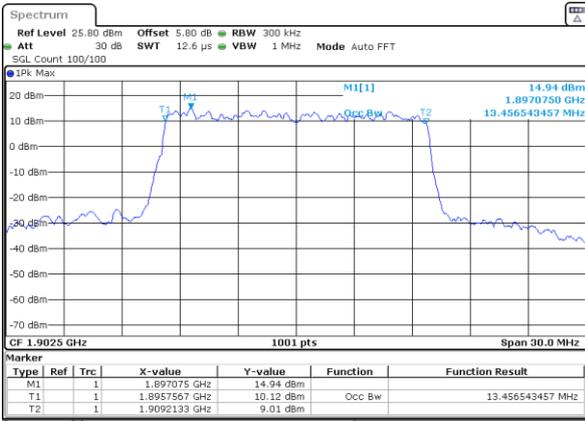
Date: 19 SEP 2019 04:13:24

Middle Channel / 20MHz / 64QAM



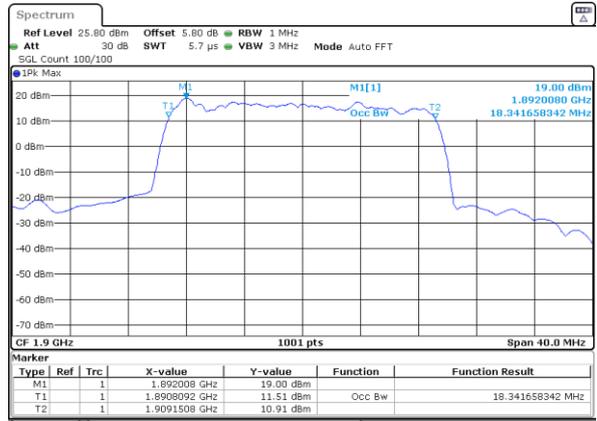
Date: 19 SEP 2019 04:13:54

Highest Channel / 15MHz / 64QAM



Date: 19 SEP 2019 04:13:34

Highest Channel / 20MHz / 64QAM

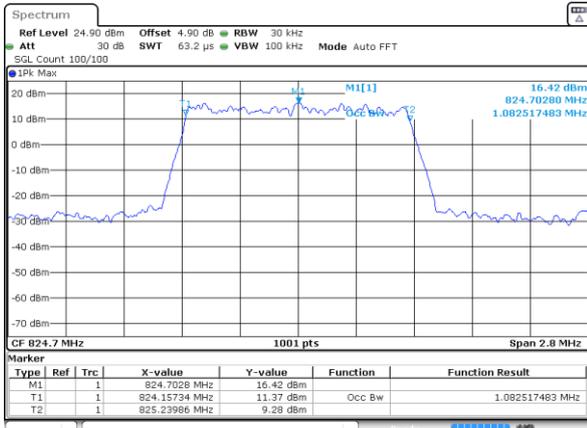


Date: 19 SEP 2019 04:14:04



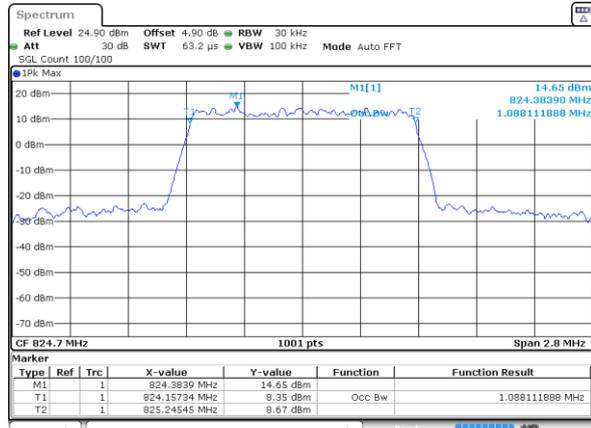
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



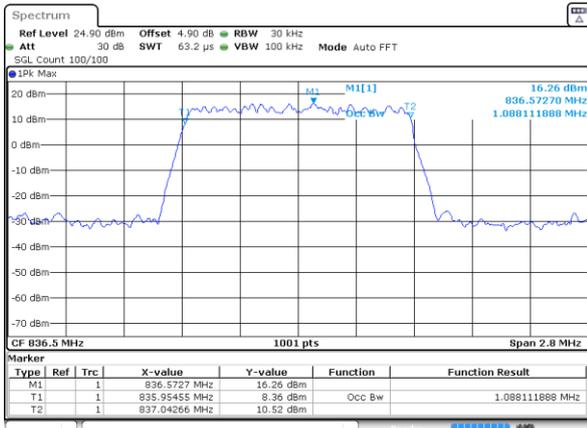
Date: 20 SEP 2019 23:13:41

Lowest Channel / 1.4MHz / 16QAM



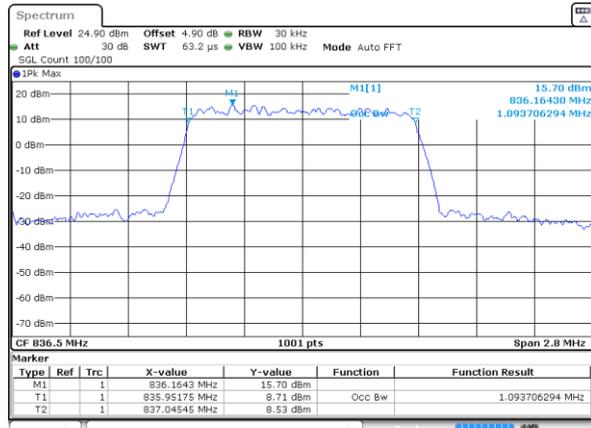
Date: 20 SEP 2019 23:13:51

Middle Channel / 1.4MHz / QPSK



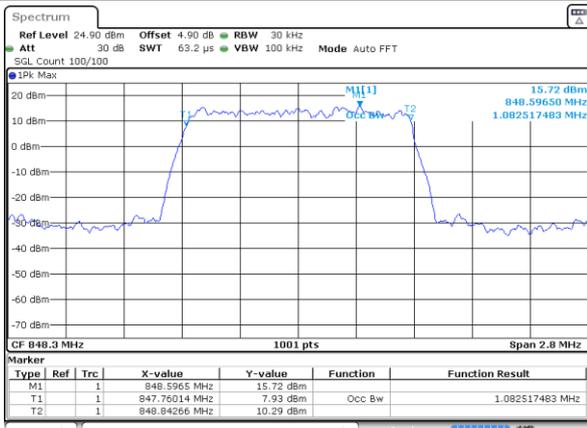
Date: 20 SEP 2019 23:22:35

Middle Channel / 1.4MHz / 16QAM



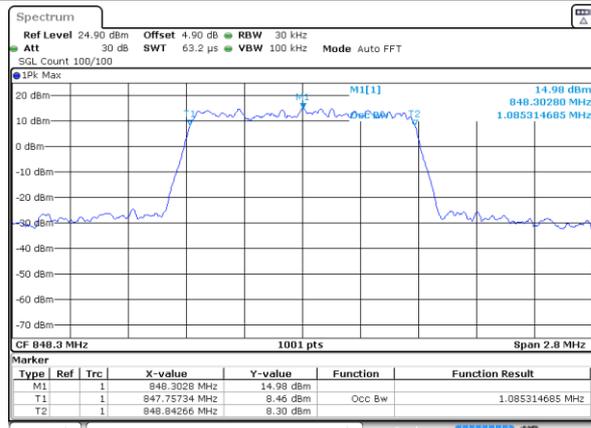
Date: 20 SEP 2019 23:22:45

Highest Channel / 1.4MHz / QPSK



Date: 20 SEP 2019 23:25:02

Highest Channel / 1.4MHz / 16QAM



Date: 20 SEP 2019 23:25:12