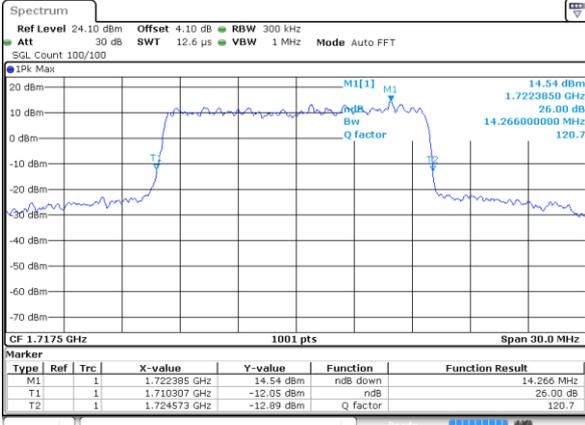




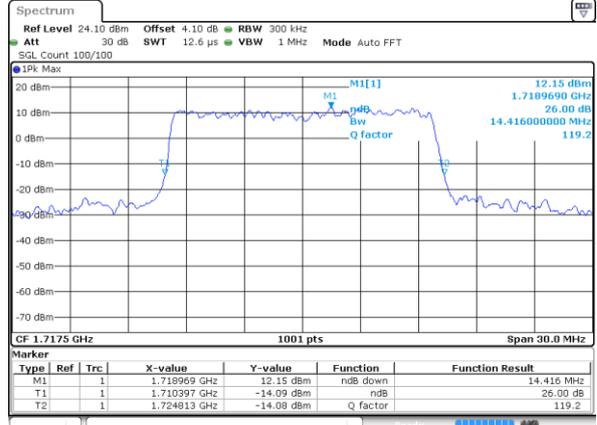
LTE Band 4

Lowest Channel / 15MHz / QPSK



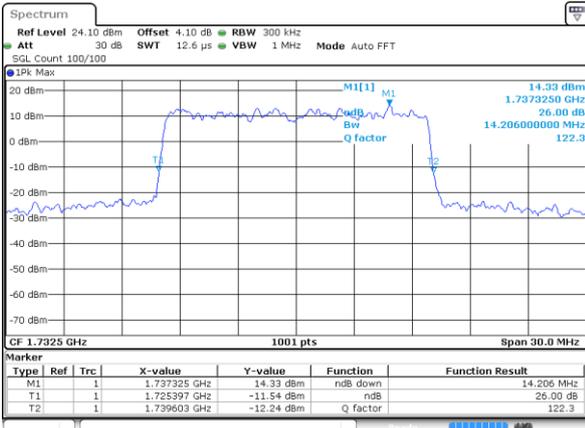
Date: 2 MAY 2019 14:00:33

Lowest Channel / 15MHz / 16QAM



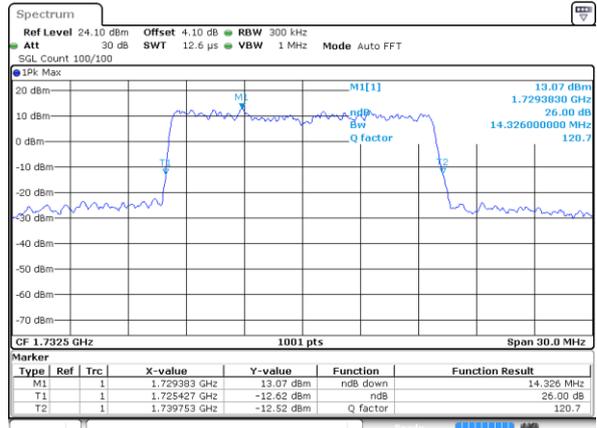
Date: 2 MAY 2019 14:00:43

Middle Channel / 15MHz / QPSK



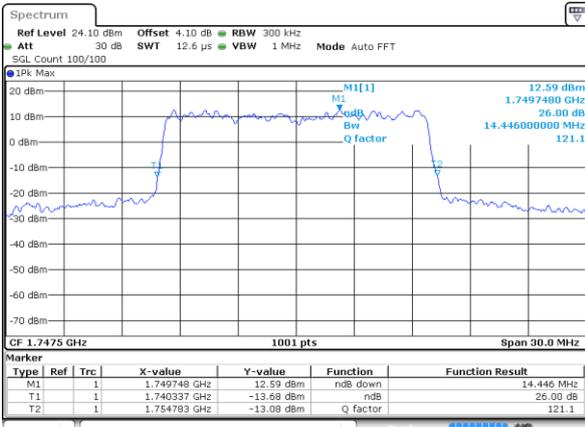
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Middle Channel / 15MHz / 16QAM



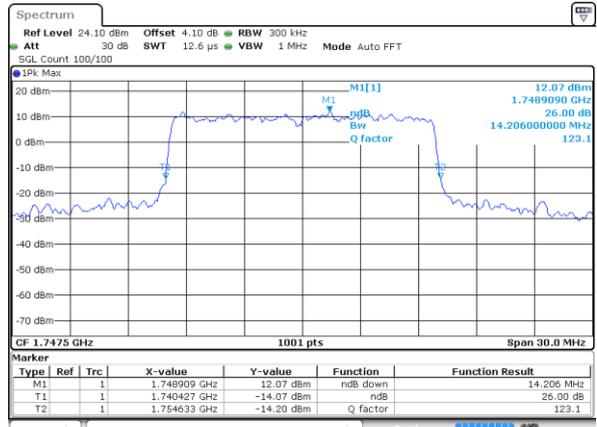
Date: 2 MAY 2019 14:07:38

Highest Channel / 15MHz / QPSK



Date: 2 MAY 2019 14:09:56

Highest Channel / 15MHz / 16QAM

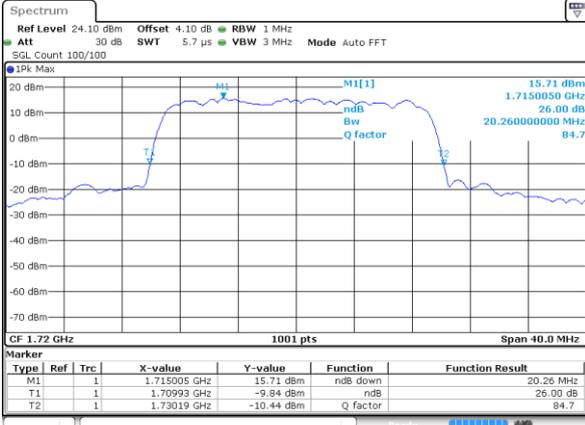


Date: 2 MAY 2019 14:10:06



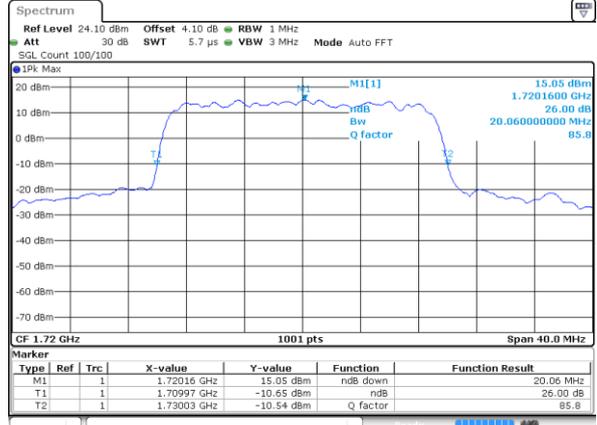
LTE Band 4

Lowest Channel / 20MHz / QPSK



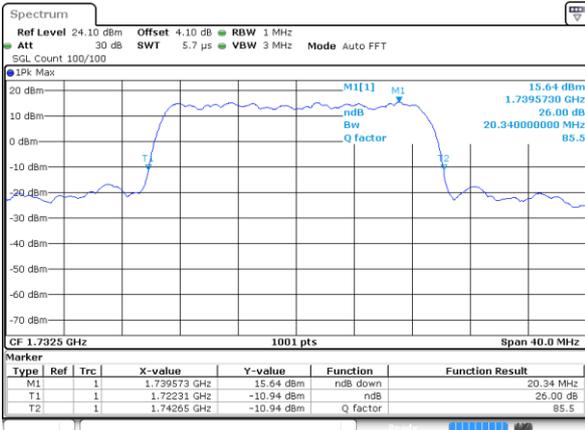
Date: 2 MAY 2019 14:16:51

Lowest Channel / 20MHz / 16QAM



Date: 2 MAY 2019 14:17:02

Middle Channel / 20MHz / QPSK



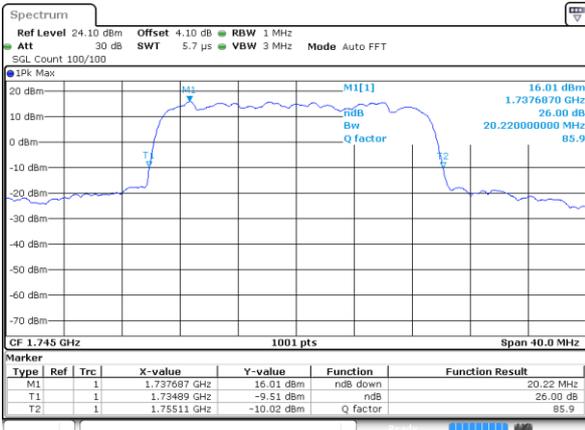
Date: 2 MAY 2019 14:23:47

Middle Channel / 20MHz / 16QAM



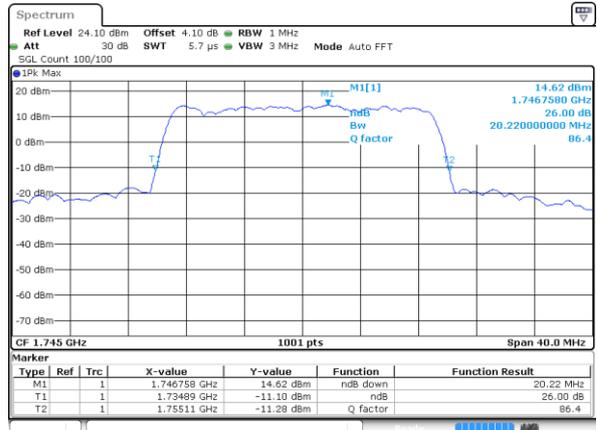
Date: 2 MAY 2019 14:23:57

Highest Channel / 20MHz / QPSK



Date: 2 MAY 2019 14:26:15

Highest Channel / 20MHz / 16QAM

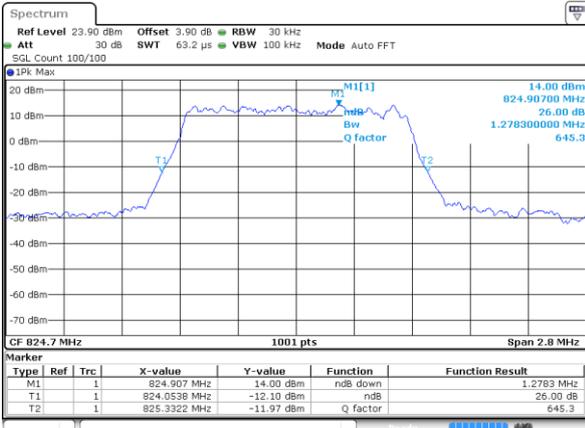


Date: 2 MAY 2019 14:26:25



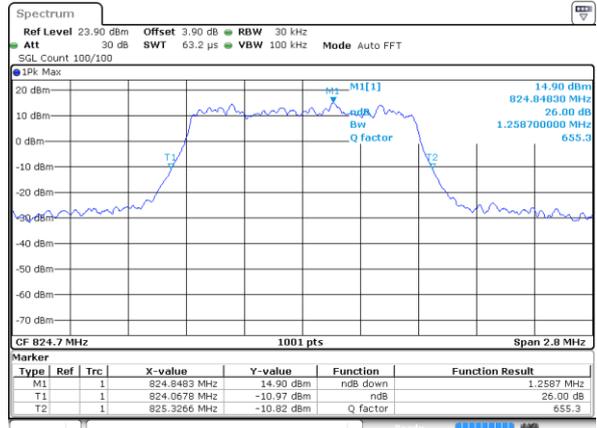
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



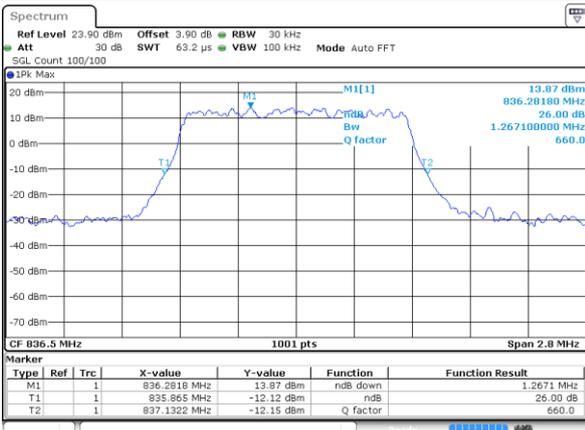
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Lowest Channel / 1.4MHz / 16QAM



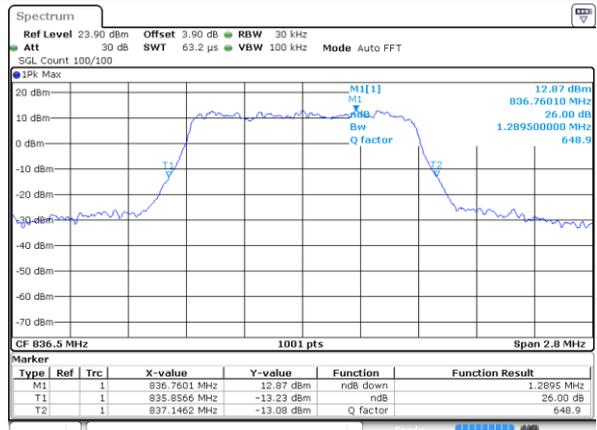
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Middle Channel / 1.4MHz / QPSK



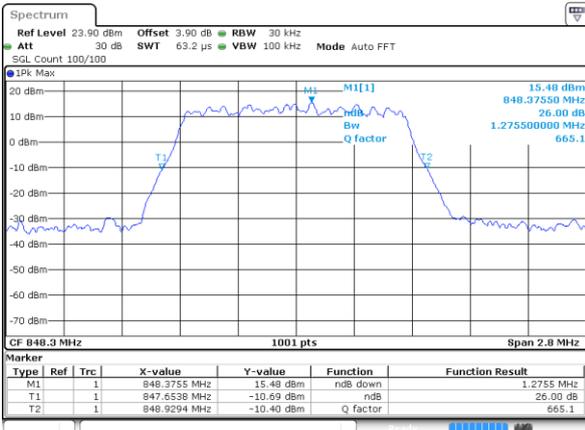
Date: 2 MAY 2019 16:09:03

Middle Channel / 1.4MHz / 16QAM



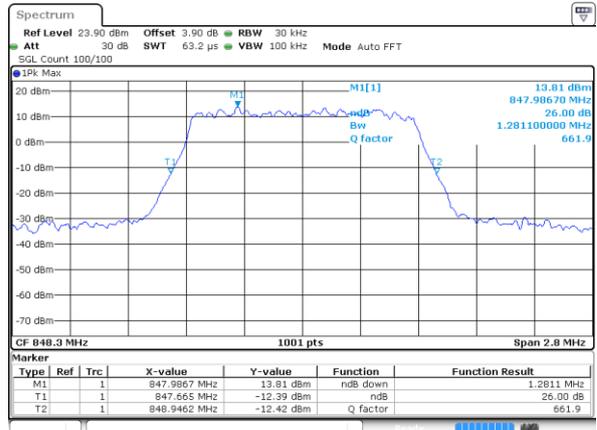
Date: 2 MAY 2019 16:09:13

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2019 16:11:30

Highest Channel / 1.4MHz / 16QAM

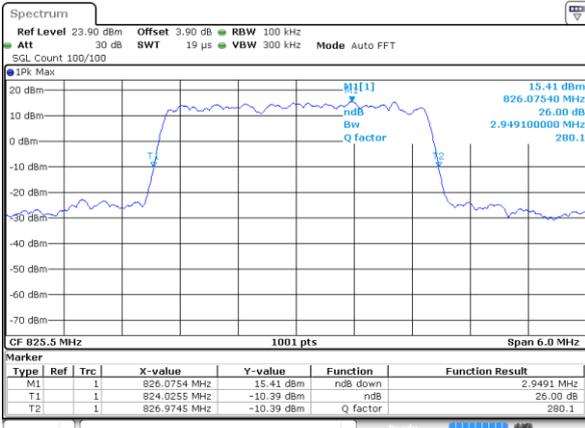


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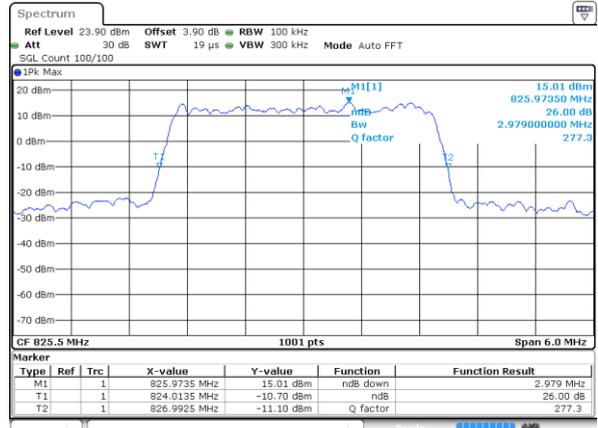
LTE Band 5

Lowest Channel / 3MHz / QPSK



Date: 2 MAY 2019 16:20:25

Lowest Channel / 3MHz / 16QAM



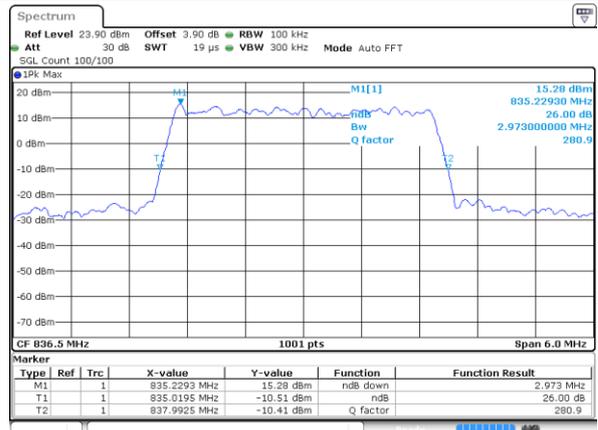
Date: 2 MAY 2019 16:20:35

Middle Channel / 3MHz / QPSK



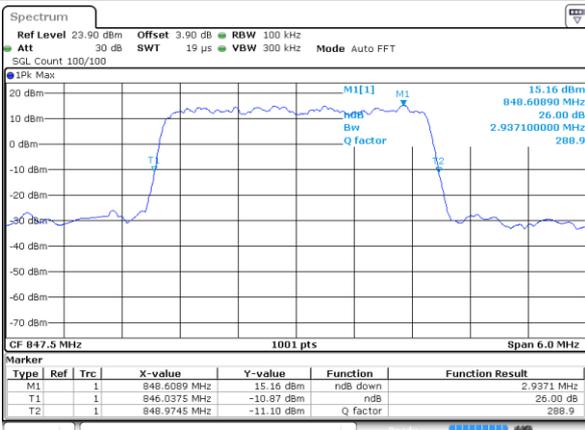
Date: 2 MAY 2019 17:52:19

Middle Channel / 3MHz / 16QAM



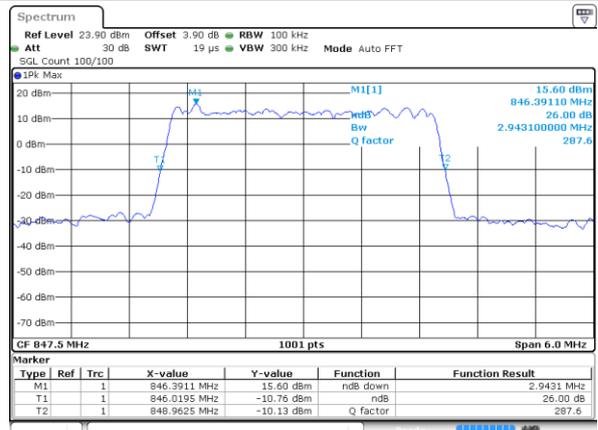
Date: 2 MAY 2019 17:52:29

Highest Channel / 3MHz / QPSK



Date: 2 MAY 2019 17:54:47

Highest Channel / 3MHz / 16QAM

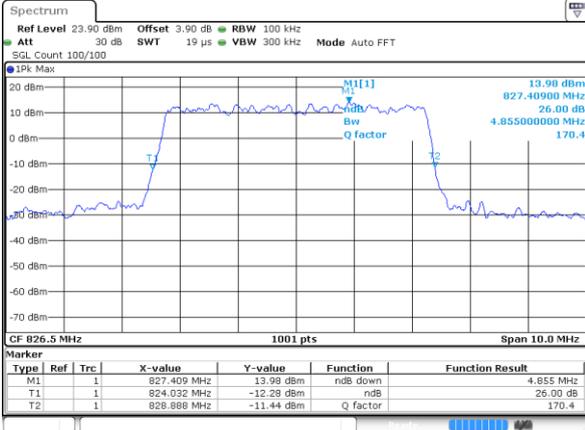


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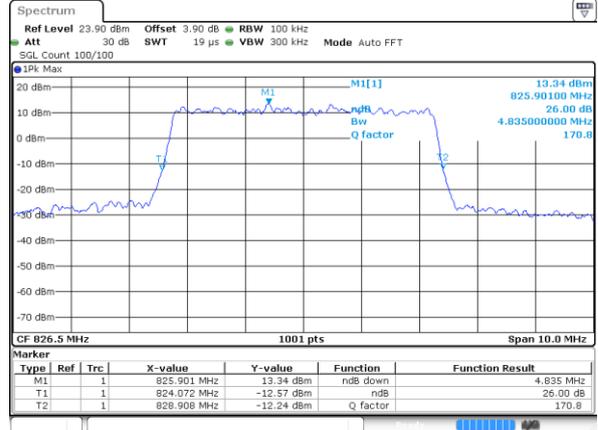
LTE Band 5

Lowest Channel / 5MHz / QPSK



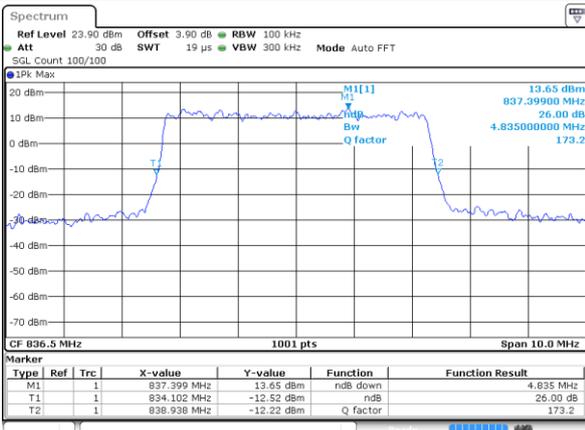
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Lowest Channel / 5MHz / 16QAM



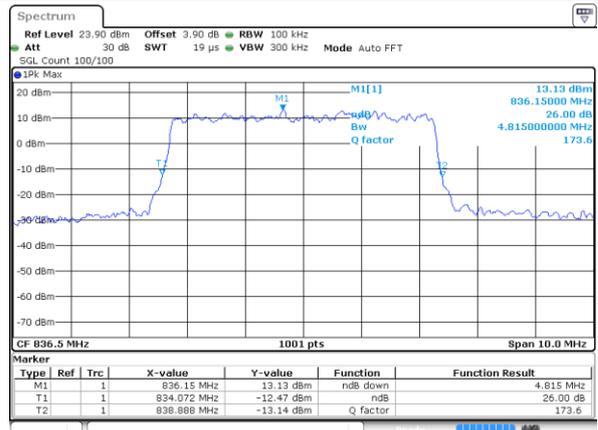
Date: 2 MAY 2019 17:33:03

Middle Channel / 5MHz / QPSK



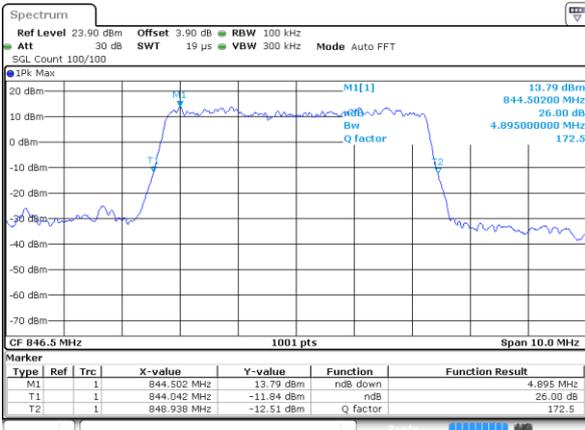
Date: 2 MAY 2019 16:21:59

Middle Channel / 5MHz / 16QAM



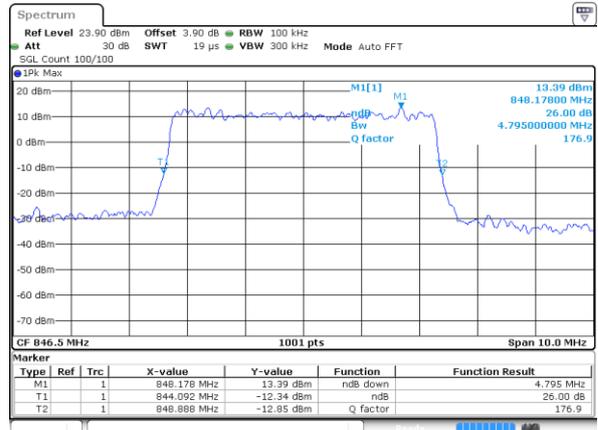
Date: 2 MAY 2019 16:22:08

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2019 16:24:26

Highest Channel / 5MHz / 16QAM

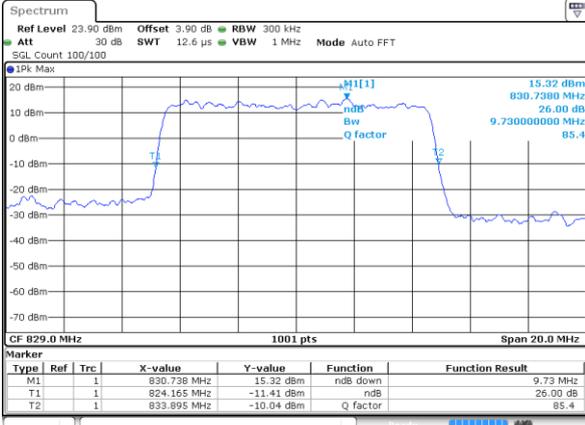


Date: 2 MAY 2019 16:24:36



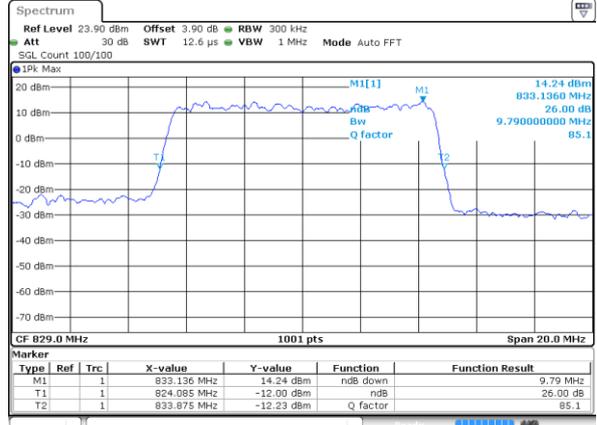
LTE Band 5

Lowest Channel / 10MHz / QPSK



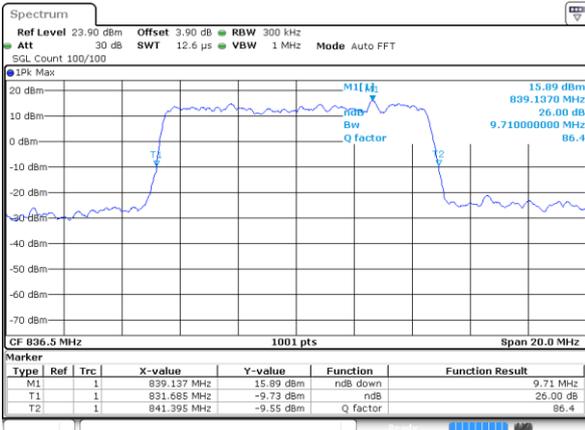
Date: 2 MAY 2019 16:33:21

Lowest Channel / 10MHz / 16QAM



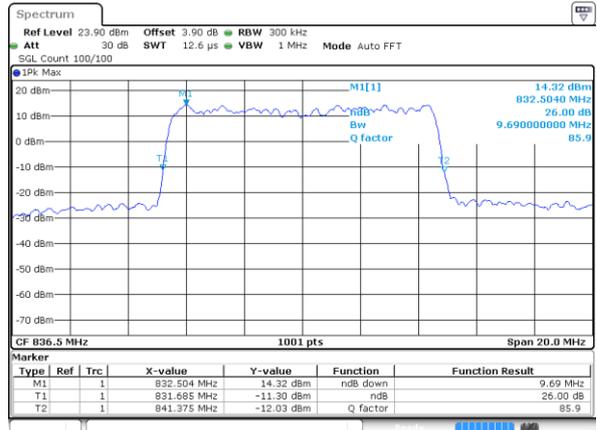
Date: 2 MAY 2019 16:33:31

Middle Channel / 10MHz / QPSK



Date: 2 MAY 2019 16:42:16

Middle Channel / 10MHz / 16QAM



Date: 2 MAY 2019 16:42:26

Highest Channel / 10MHz / QPSK



Date: 2 MAY 2019 16:44:43

Highest Channel / 10MHz / 16QAM

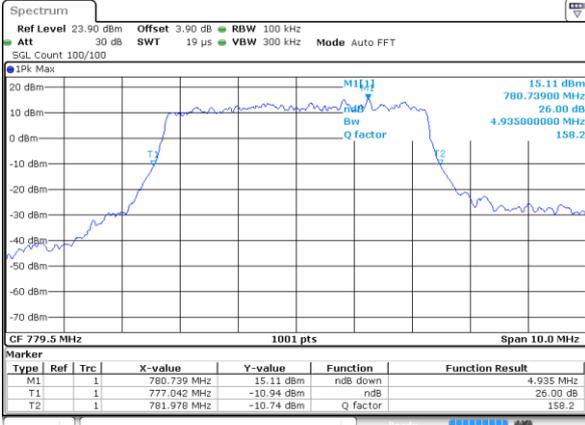


Date: 2 MAY 2019 16:44:53



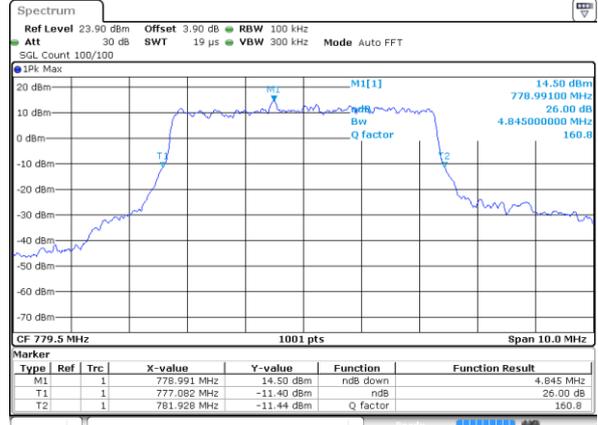
LTE Band 13

Lowest Channel / 5MHz / QPSK



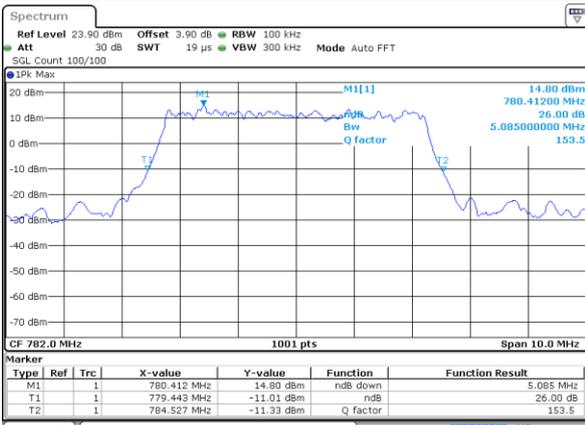
Date: 2 MAY 2019 18:07:51

Lowest Channel / 5MHz / 16QAM



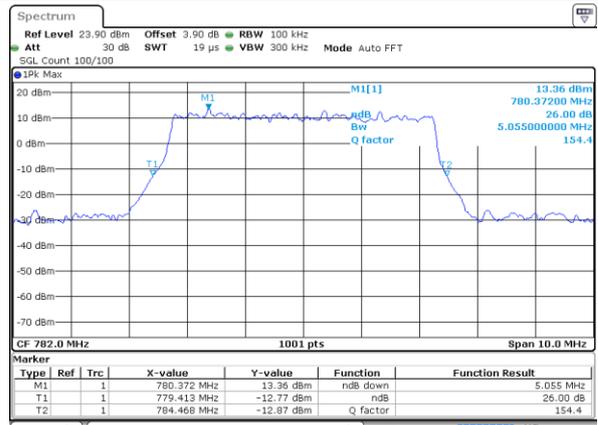
Date: 2 MAY 2019 18:08:01

Middle Channel / 5MHz / QPSK



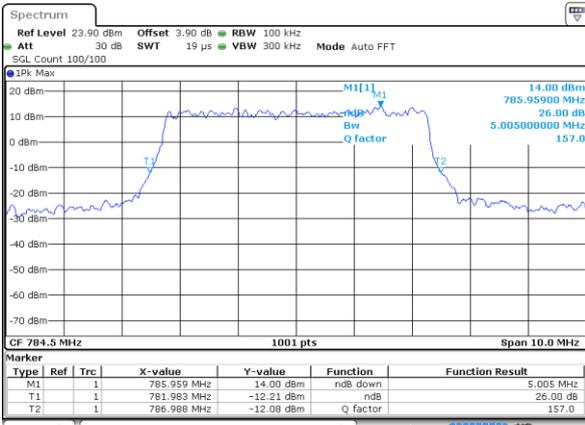
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Middle Channel / 5MHz / 16QAM



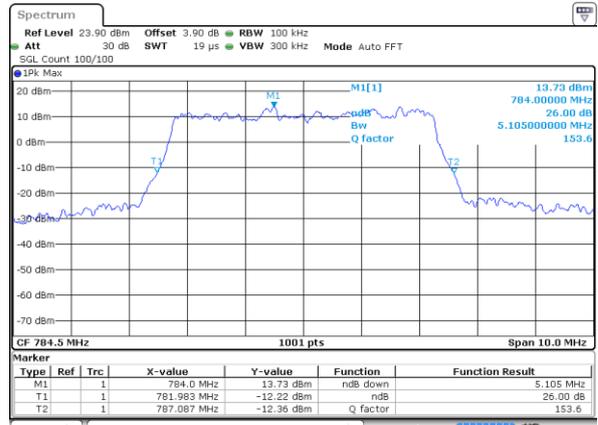
Date: 2 MAY 2019 18:16:56

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2019 18:19:22

Highest Channel / 5MHz / 16QAM

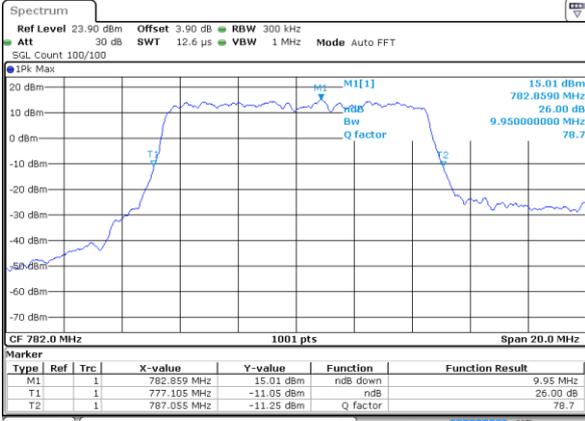


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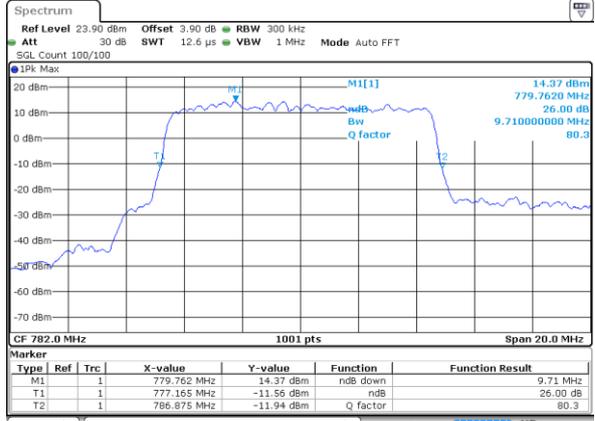
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 2 MAY 2019 18:47:55

Middle Channel / 10MHz / 16QAM



Date: 2 MAY 2019 18:47:45



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.10	1.09	2.72	2.70	4.49	4.49	9.03	9.03	13.46	13.46	18.42	18.38
Middle CH	1.09	1.10	2.71	2.72	4.49	4.50	9.05	9.03	13.46	13.40	18.34	18.38
Highest CH	1.09	1.09	2.70	2.70	4.48	4.50	9.07	8.99	13.43	13.49	18.26	18.42

Mode	LTE Band 4 : 99%OBW(MHz)											
	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	2.72	4.49	4.49	9.05	9.03	13.46	13.40	18.34	18.38
Middle CH	1.09	1.10	2.72	2.70	4.47	4.47	9.09	9.03	13.52	13.49	18.58	18.42
Highest CH	1.09	1.09	2.71	2.71	4.49	4.47	9.05	9.05	13.43	13.43	18.38	18.54

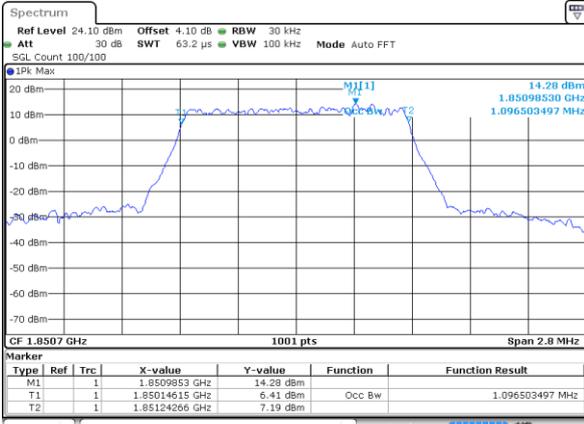
Mode	LTE Band 5 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.09	2.70	2.73	4.47	4.50	9.05	9.01				
Middle CH	1.09	1.10	2.70	2.70	4.49	4.48	9.07	9.05				
Highest CH	1.09	1.08	2.70	2.70	4.49	4.47	9.01	9.03				

Mode	LTE Band 13 : 99%OBW(MHz)											
	5MHz		10MHz									
Mod.	QPSK	16QAM	QPSK	16QAM								
Lowest CH	4.49	4.49										
Middle CH	4.51	4.52	9.09	9.07								
Highest CH	4.52	4.52										



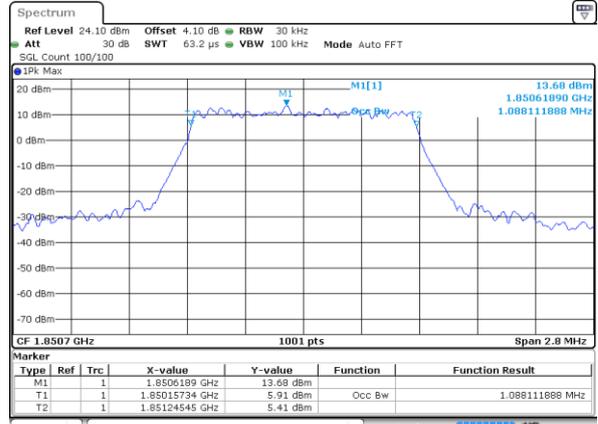
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



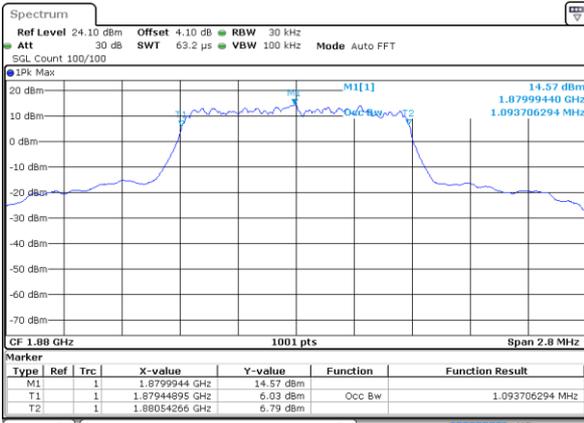
Date: 2 MAY 2019 09:23:26

Lowest Channel / 1.4MHz / 16QAM



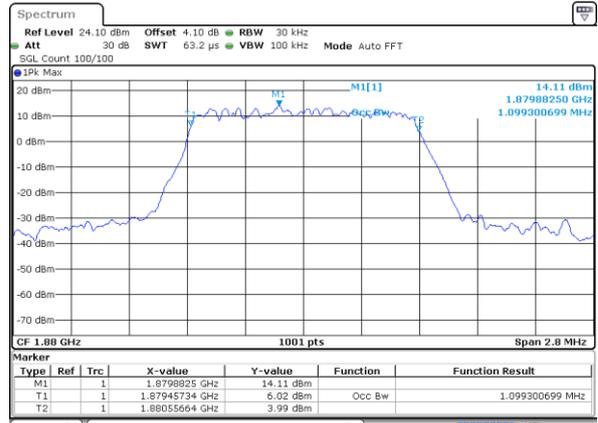
Date: 2 MAY 2019 09:23:36

Middle Channel / 1.4MHz / QPSK



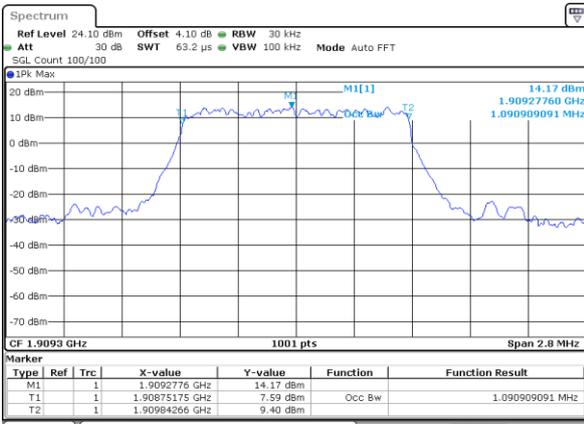
Date: 2 MAY 2019 09:34:33

Middle Channel / 1.4MHz / 16QAM



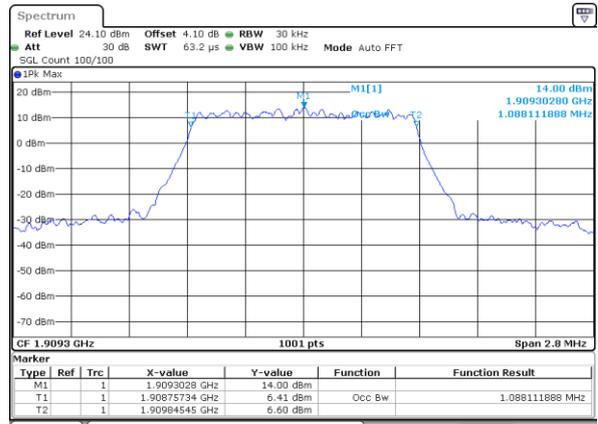
Date: 2 MAY 2019 09:34:43

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2019 09:37:01

Highest Channel / 1.4MHz / 16QAM

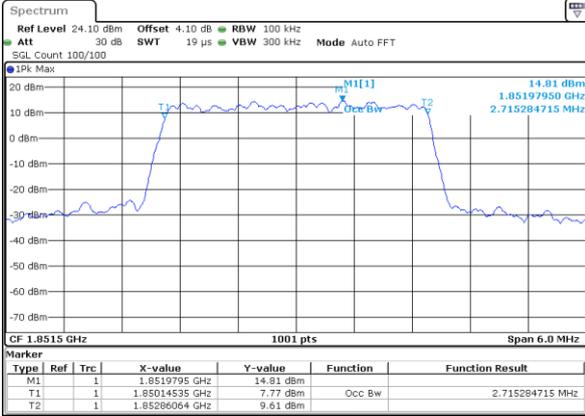


Date: 2 MAY 2019 09:37:11



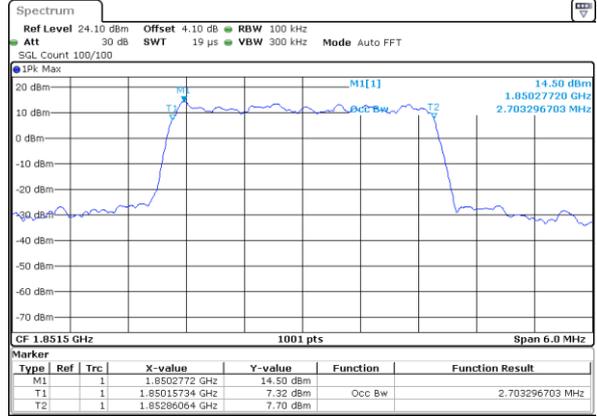
LTE Band 2

Lowest Channel / 3MHz / QPSK



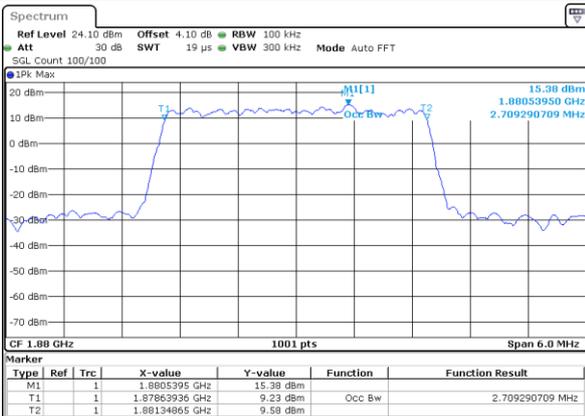
Date: 2 MAY 2019 09:43:57

Lowest Channel / 3MHz / 16QAM



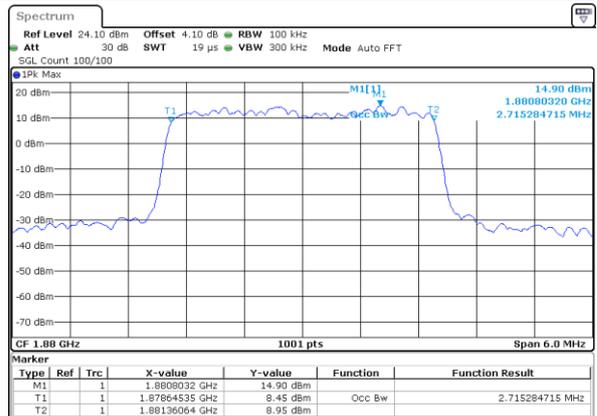
Date: 2 MAY 2019 09:44:07

Middle Channel / 3MHz / QPSK



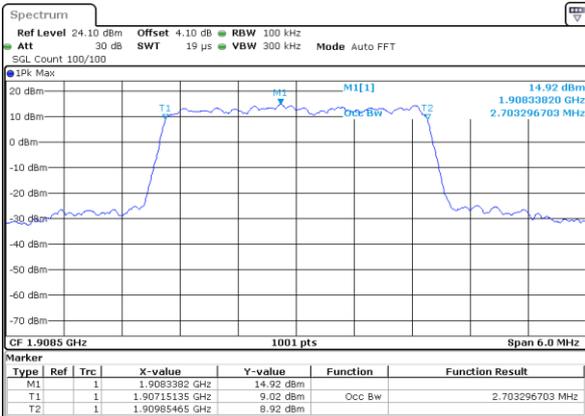
Date: 2 MAY 2019 09:50:52

Middle Channel / 3MHz / 16QAM



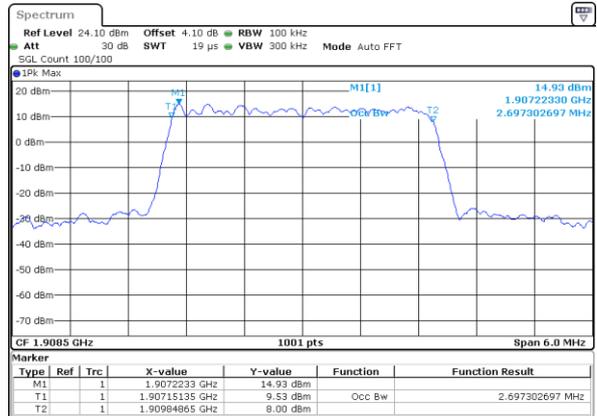
Date: 2 MAY 2019 09:51:02

Highest Channel / 3MHz / QPSK



Date: 2 MAY 2019 09:53:20

Highest Channel / 3MHz / 16QAM

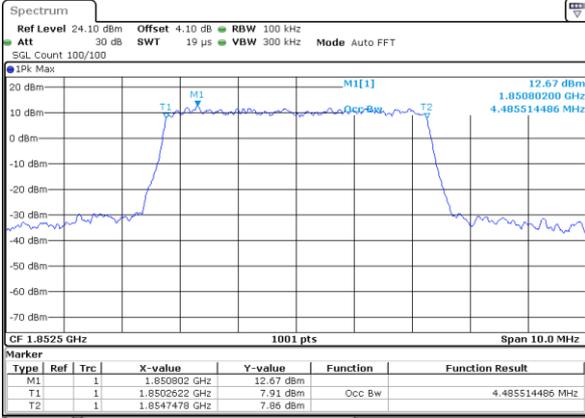


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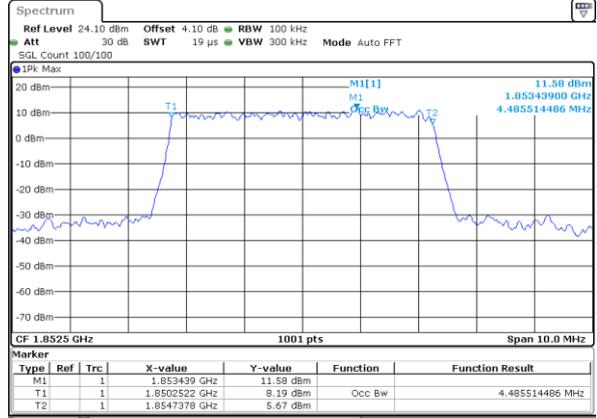
LTE Band 2

Lowest Channel / 5MHz / QPSK



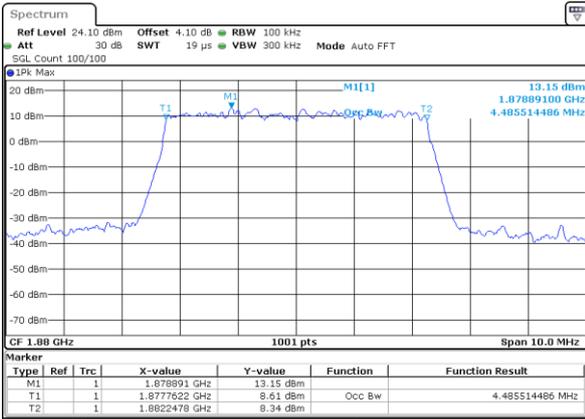
Date: 2 MAY 2019 10:00:15

Lowest Channel / 5MHz / 16QAM



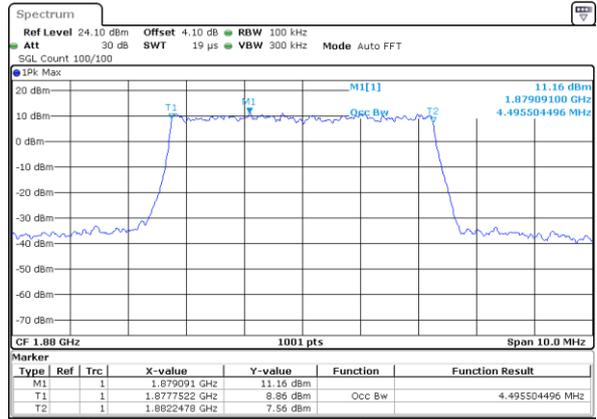
Date: 2 MAY 2019 10:00:26

Middle Channel / 5MHz / QPSK



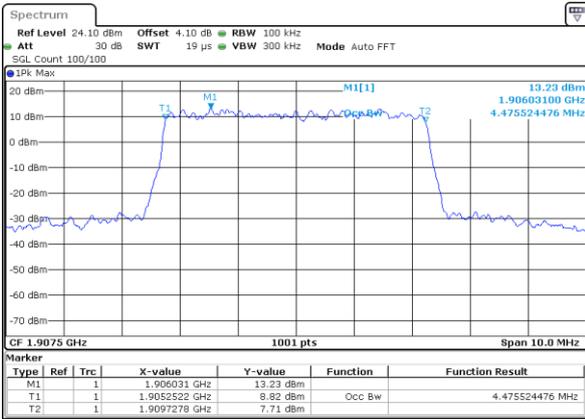
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Middle Channel / 5MHz / 16QAM



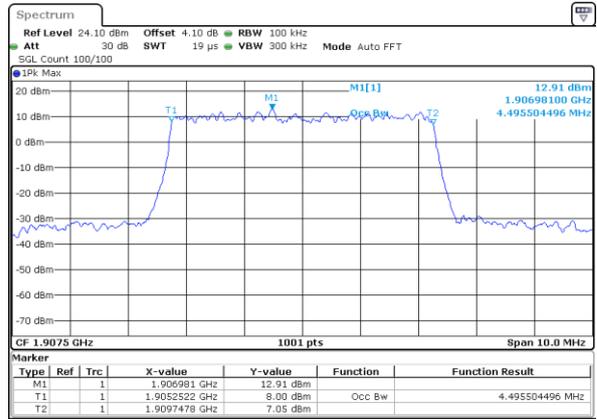
Date: 2 MAY 2019 10:07:21

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2019 10:09:39

Highest Channel / 5MHz / 16QAM

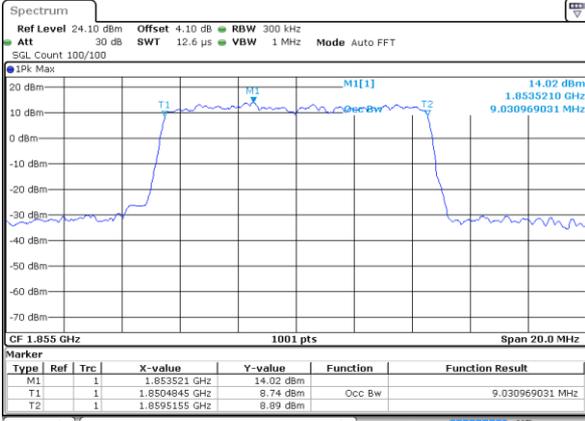


Date: 2 MAY 2019 10:09:49



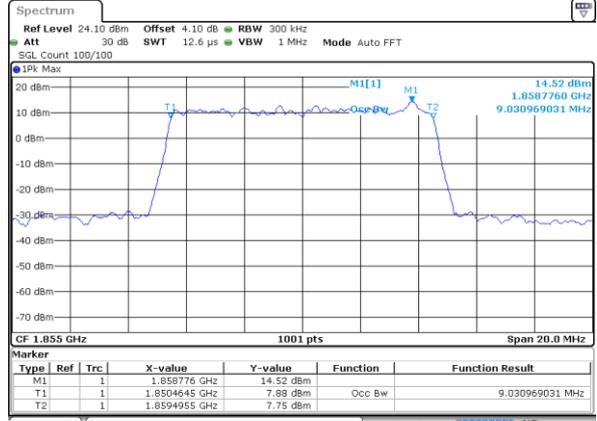
LTE Band 2

Lowest Channel / 10MHz / QPSK



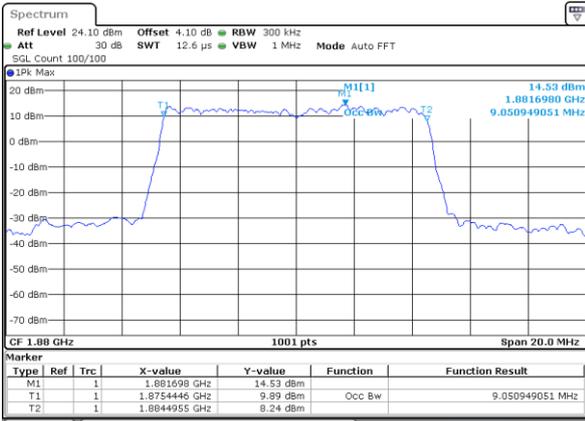
Date: 2 MAY 2019 10:16:34

Lowest Channel / 10MHz / 16QAM



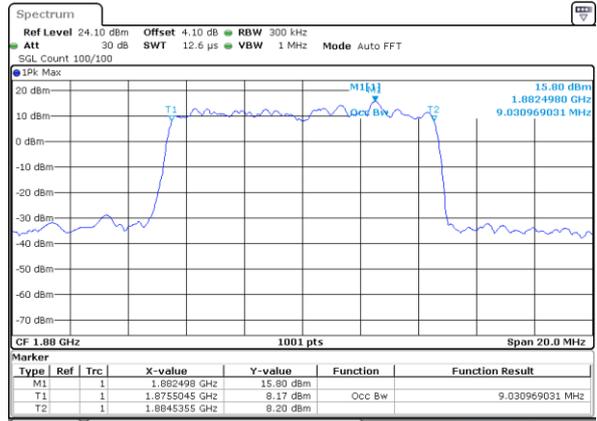
Date: 2 MAY 2019 10:16:44

Middle Channel / 10MHz / QPSK



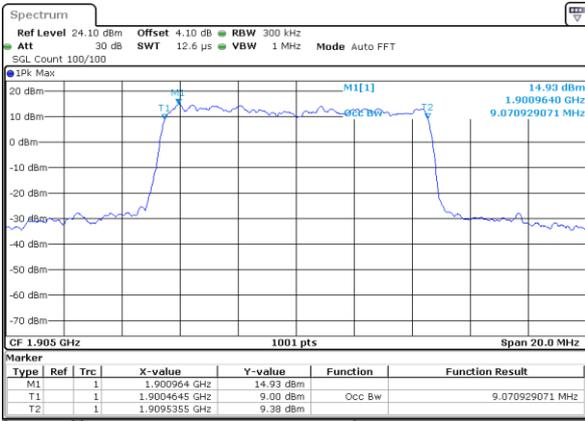
Date: 2 MAY 2019 10:23:30

Middle Channel / 10MHz / 16QAM



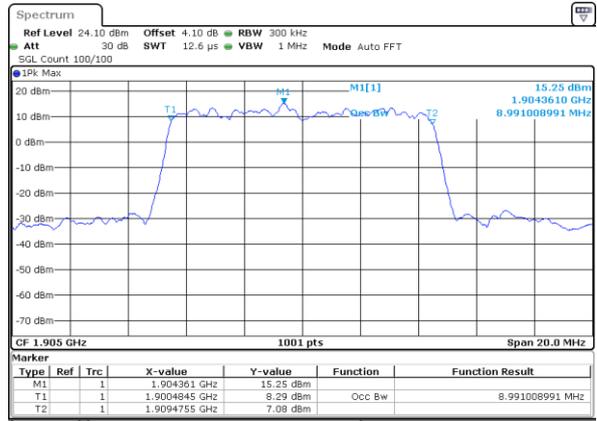
Date: 2 MAY 2019 10:23:40

Highest Channel / 10MHz / QPSK



Date: 2 MAY 2019 10:25:57

Highest Channel / 10MHz / 16QAM

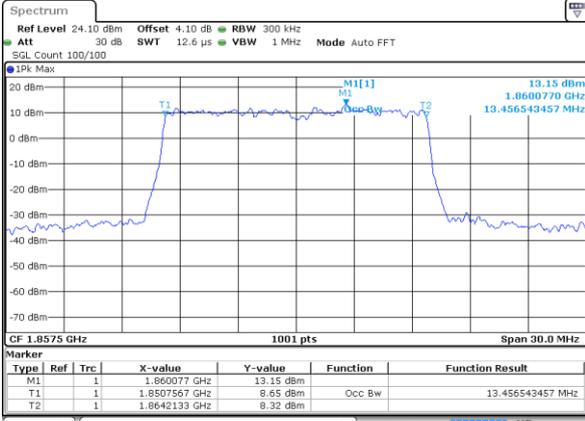


Date: 2 MAY 2019 10:26:08



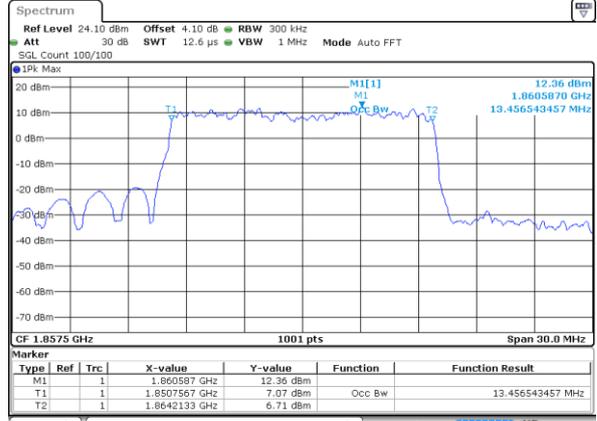
LTE Band 2

Lowest Channel / 15MHz / QPSK



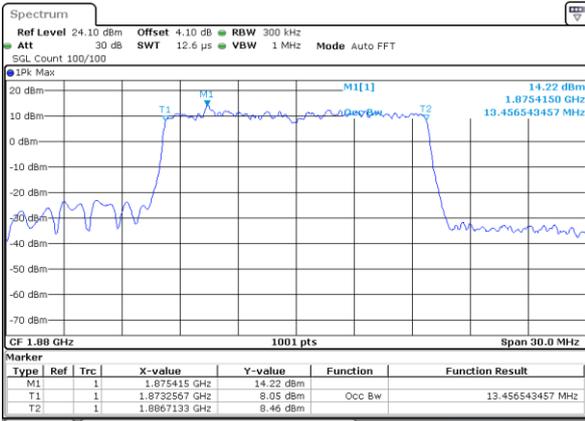
Date: 2 MAY 2019 10:32:53

Lowest Channel / 15MHz / 16QAM



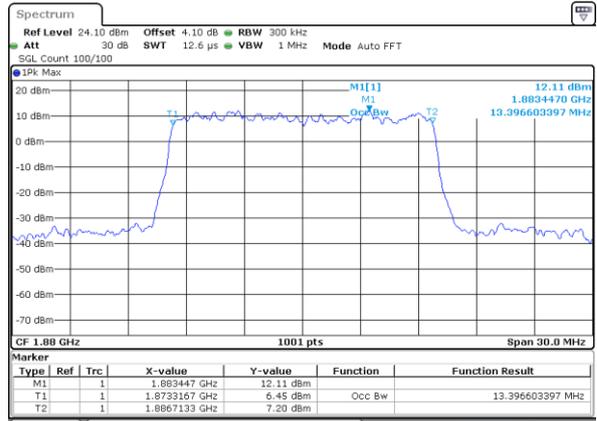
Date: 2 MAY 2019 10:33:03

Middle Channel / 15MHz / QPSK



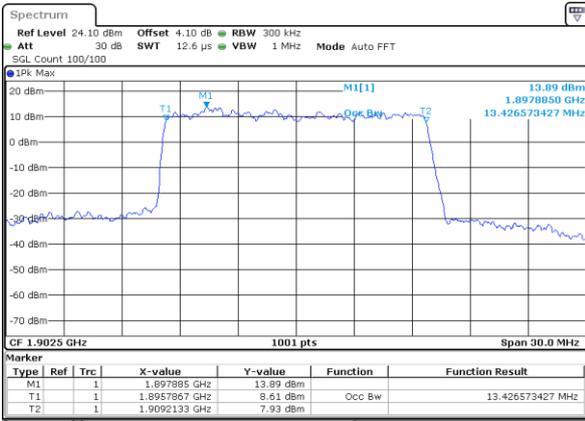
Date: 2 MAY 2019 10:39:49

Middle Channel / 15MHz / 16QAM



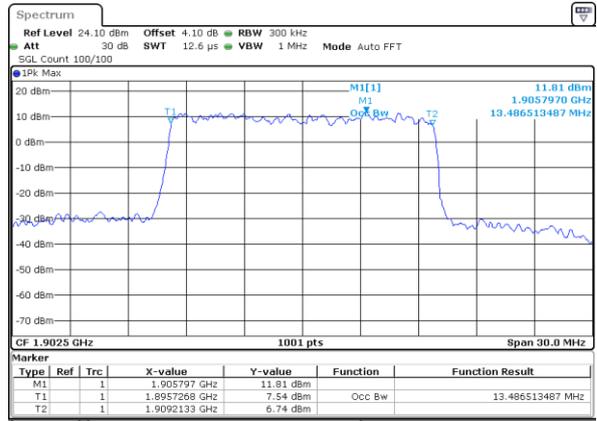
Date: 2 MAY 2019 10:39:59

Highest Channel / 15MHz / QPSK



Date: 2 MAY 2019 10:42:16

Highest Channel / 15MHz / 16QAM

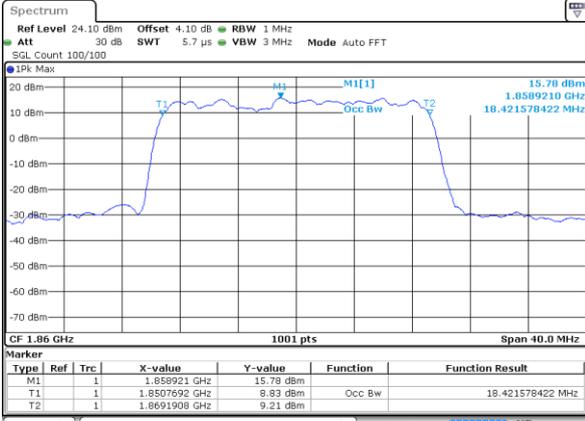


Date: 2 MAY 2019 10:42:27



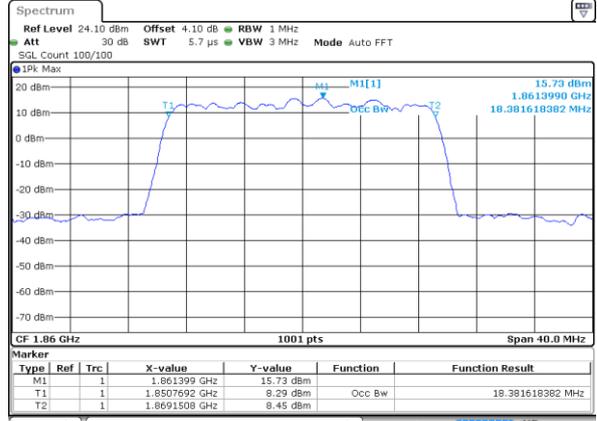
LTE Band 2

Lowest Channel / 20MHz / QPSK



Date: 2 MAY 2019 10:49:12

Lowest Channel / 20MHz / 16QAM



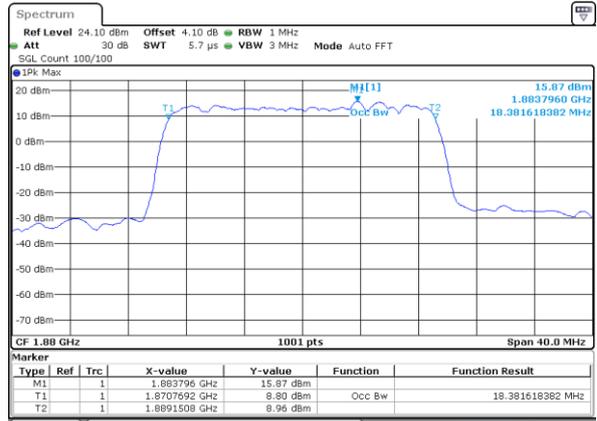
Date: 2 MAY 2019 10:49:22

Middle Channel / 20MHz / QPSK



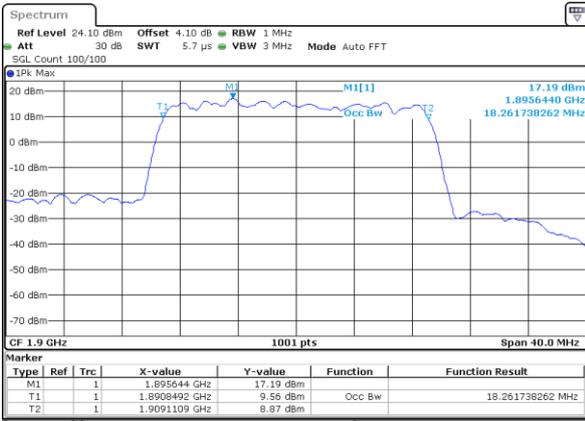
Date: 2 MAY 2019 10:56:08

Middle Channel / 20MHz / 16QAM



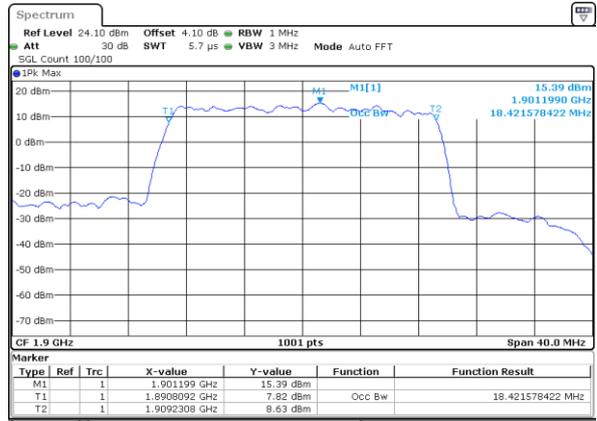
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Highest Channel / 20MHz / QPSK



Date: 2 MAY 2019 10:58:35

Highest Channel / 20MHz / 16QAM

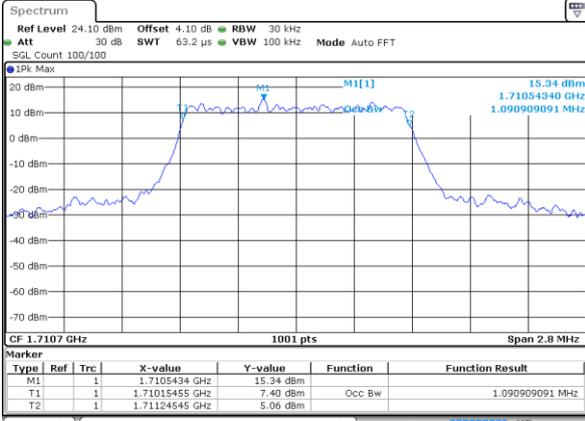


Date: 2 MAY 2019 10:58:45



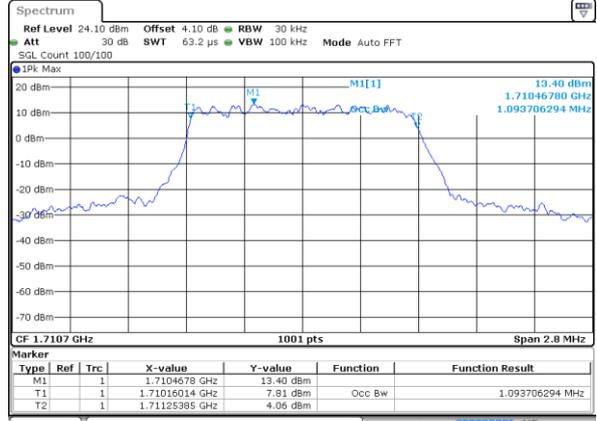
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



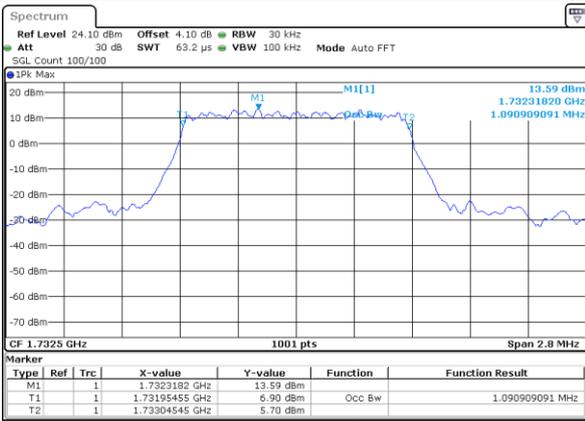
Date: 2 MAY 2019 12:54:59

Lowest Channel / 1.4MHz / 16QAM



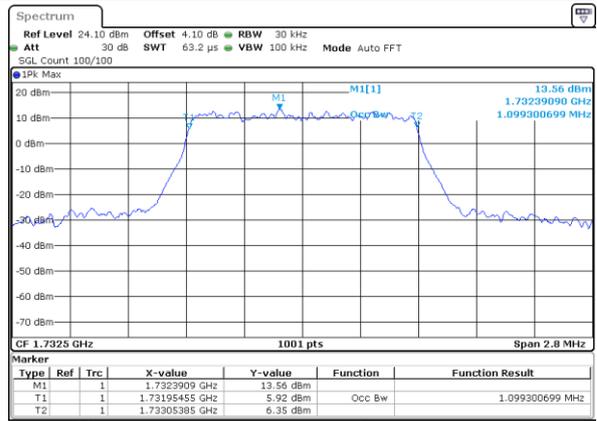
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Middle Channel / 1.4MHz / QPSK



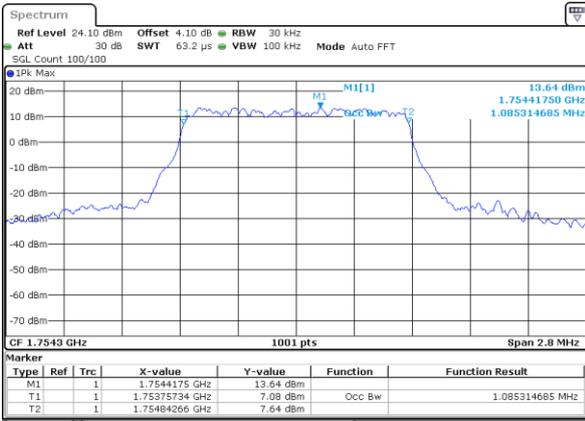
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Middle Channel / 1.4MHz / 16QAM



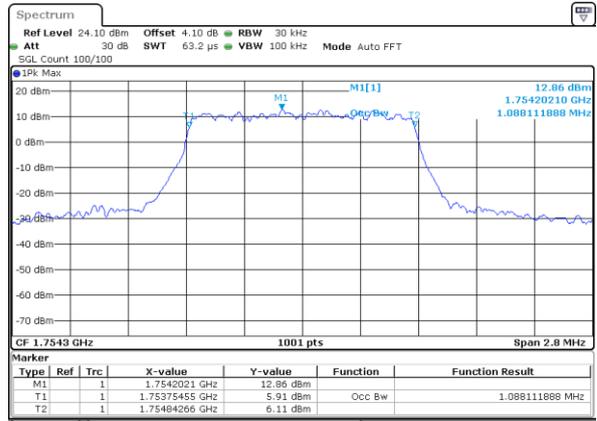
Date: 2 MAY 2019 13:02:04

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2019 13:04:21

Highest Channel / 1.4MHz / 16QAM

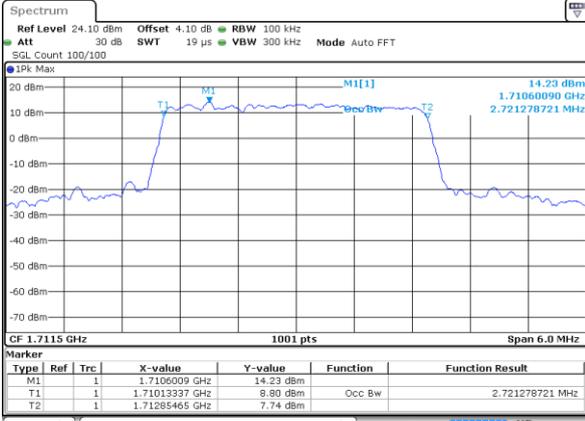


Date: 2 MAY 2019 13:04:32



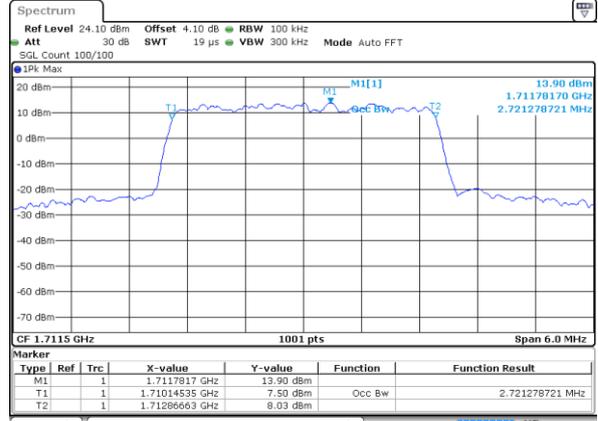
LTE Band 4

Lowest Channel / 3MHz / QPSK



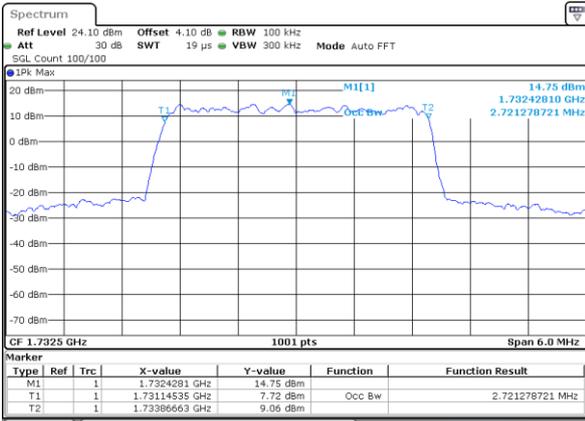
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Lowest Channel / 3MHz / 16QAM



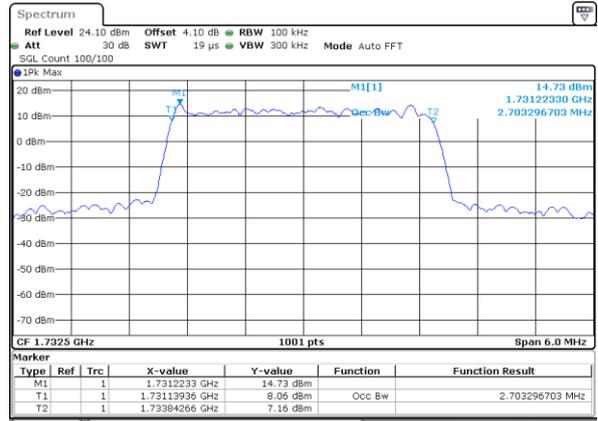
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Middle Channel / 3MHz / QPSK



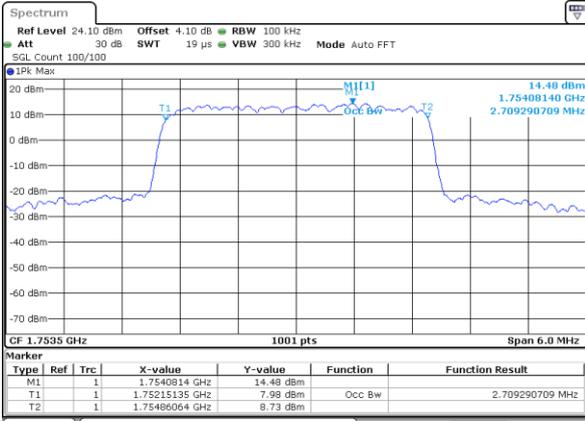
Date: 2 MAY 2019 13:18:13

Middle Channel / 3MHz / 16QAM



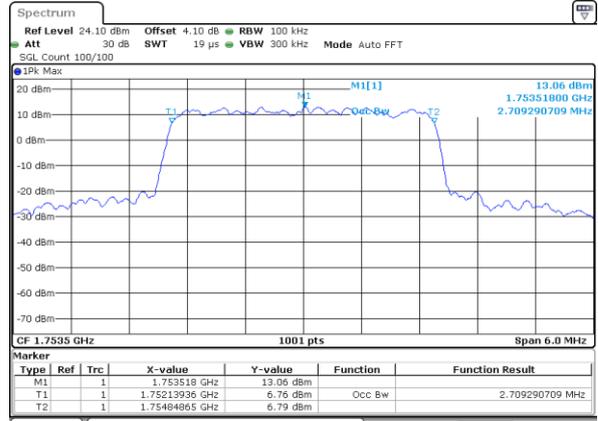
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Highest Channel / 3MHz / QPSK



Date: 2 MAY 2019 13:20:40

Highest Channel / 3MHz / 16QAM

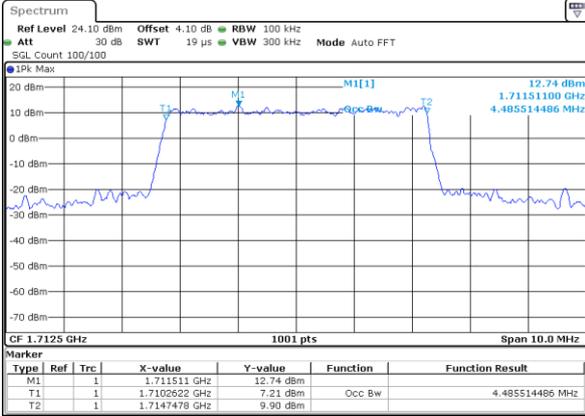


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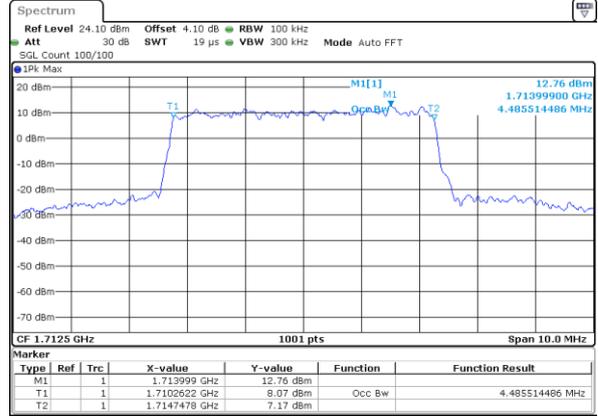
LTE Band 4

Lowest Channel / 5MHz / QPSK



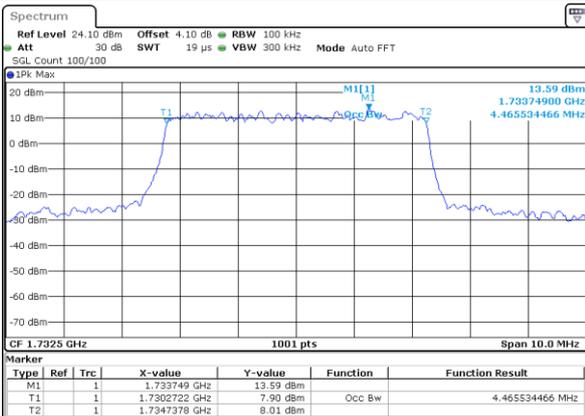
Date: 2 MAY 2019 13:27:36

Lowest Channel / 5MHz / 16QAM



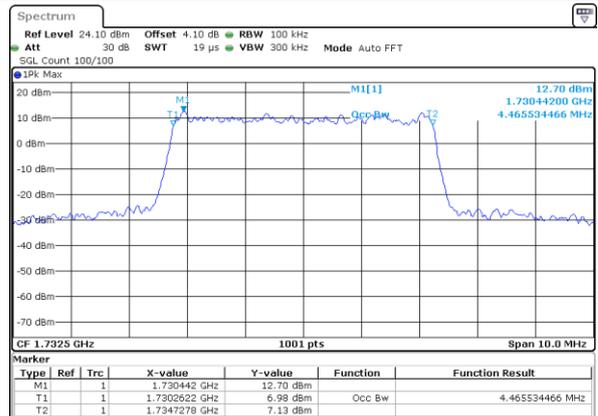
Date: 2 MAY 2019 13:27:46

Middle Channel / 5MHz / QPSK



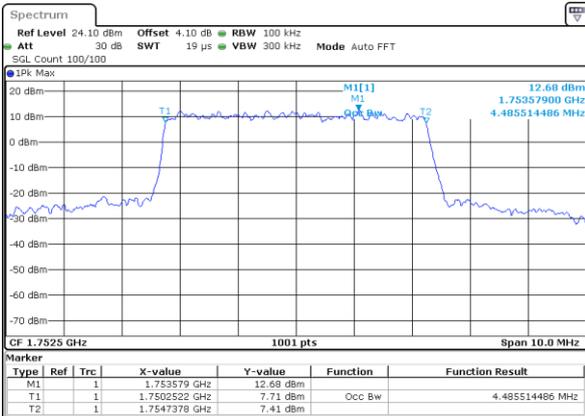
Date: 2 MAY 2019 13:34:31

Middle Channel / 5MHz / 16QAM



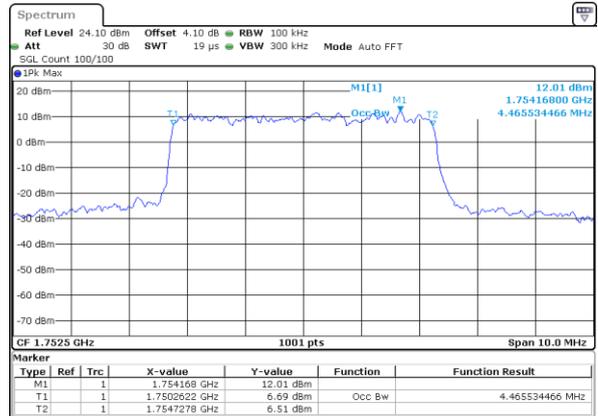
Date: 2 MAY 2019 13:34:41

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2019 13:36:59

Highest Channel / 5MHz / 16QAM

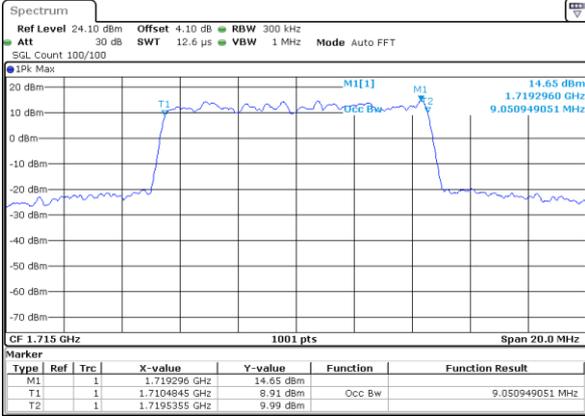


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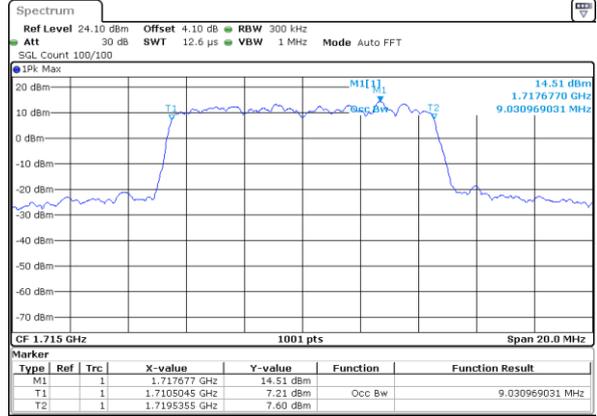
LTE Band 4

Lowest Channel / 10MHz / QPSK



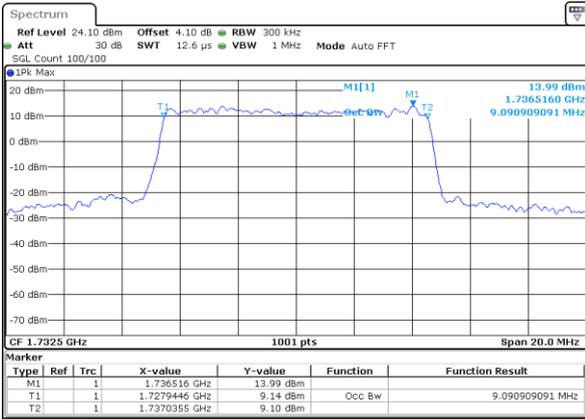
Date: 2 MAY 2019 13:43:54

Lowest Channel / 10MHz / 16QAM



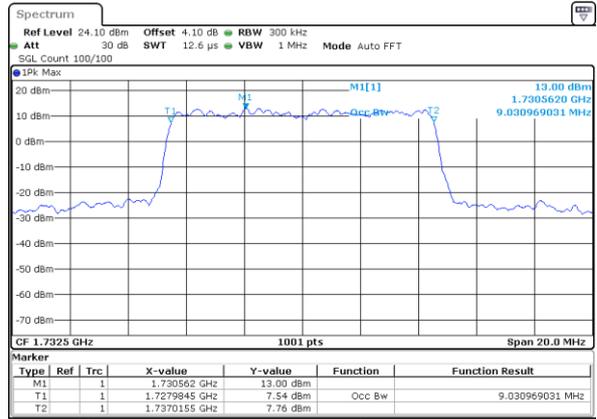
Date: 2 MAY 2019 13:44:04

Middle Channel / 10MHz / QPSK



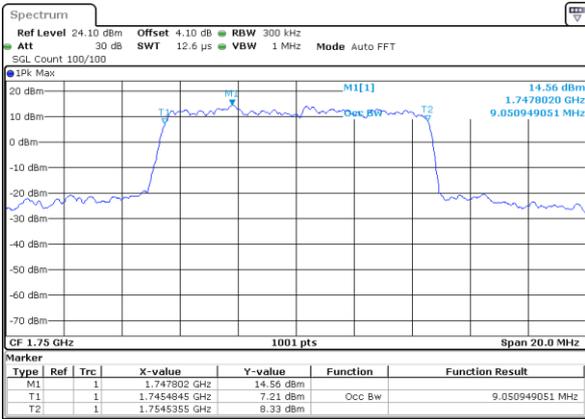
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Middle Channel / 10MHz / 16QAM



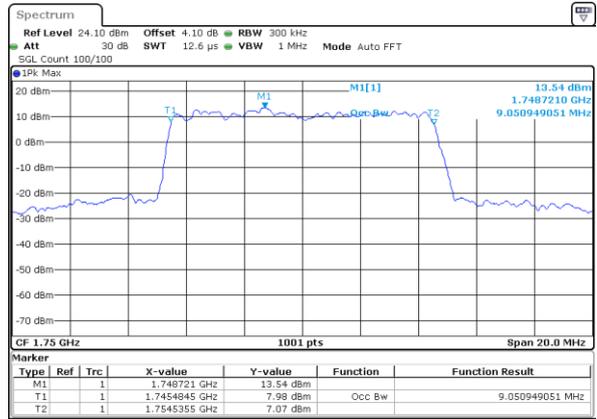
Date: 2 MAY 2019 13:51:00

Highest Channel / 10MHz / QPSK



Date: 2 MAY 2019 13:53:17

Highest Channel / 10MHz / 16QAM

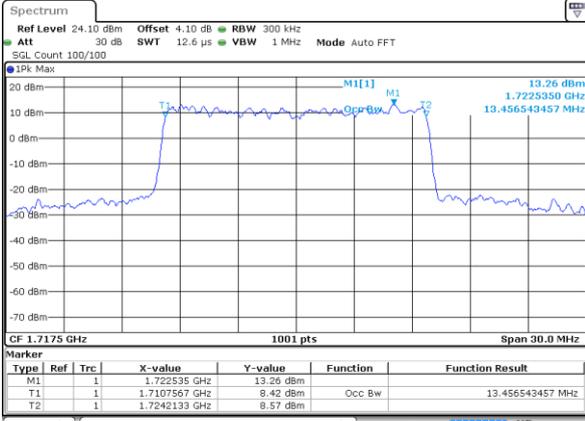


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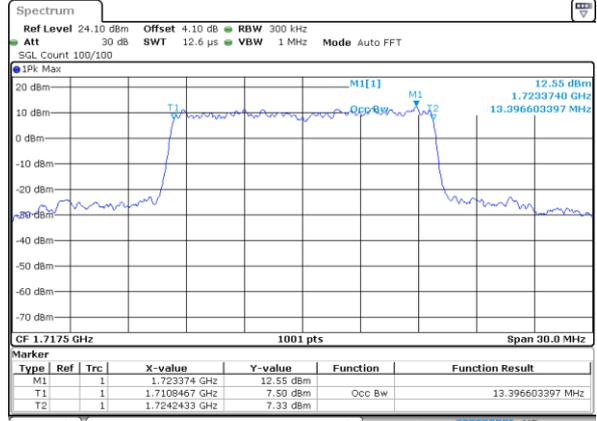
LTE Band 4

Lowest Channel / 15MHz / QPSK



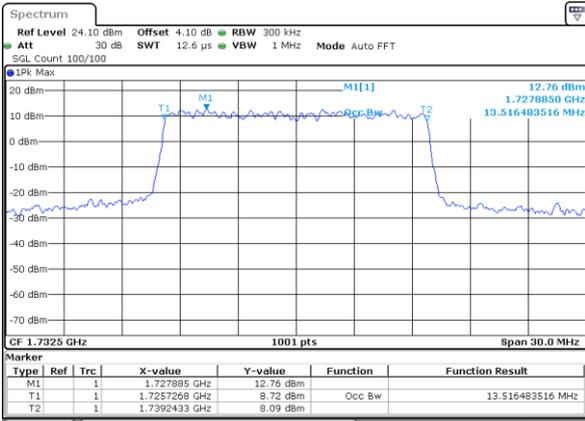
Date: 2 MAY 2019 14:00:13

Lowest Channel / 15MHz / 16QAM



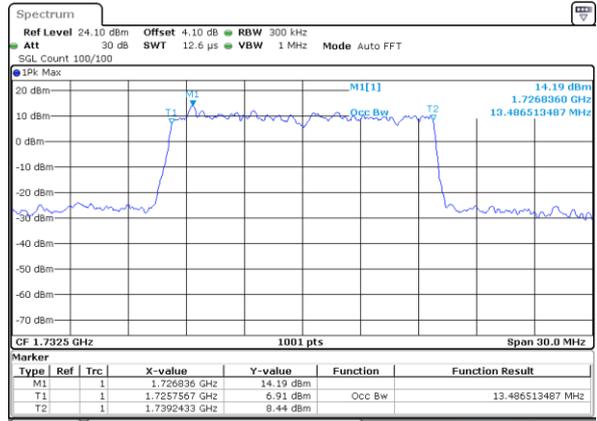
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Middle Channel / 15MHz / QPSK



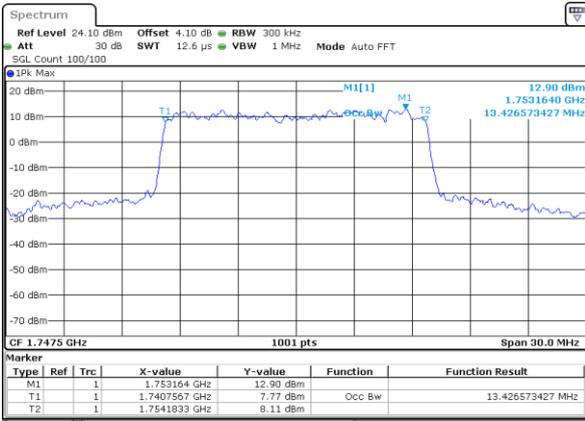
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Middle Channel / 15MHz / 16QAM



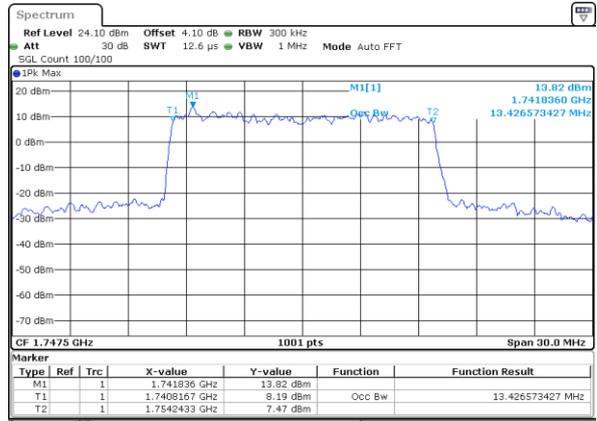
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Highest Channel / 15MHz / QPSK



Date: 2 MAY 2019 14:09:36

Highest Channel / 15MHz / 16QAM

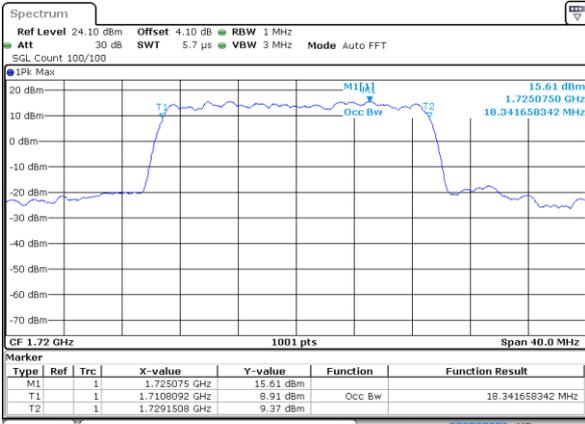


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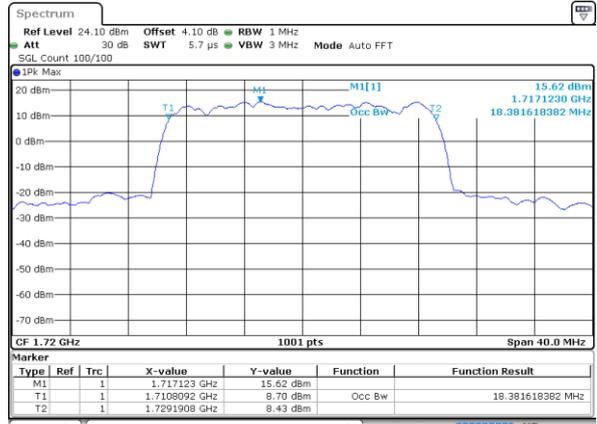
LTE Band 4

Lowest Channel / 20MHz / QPSK



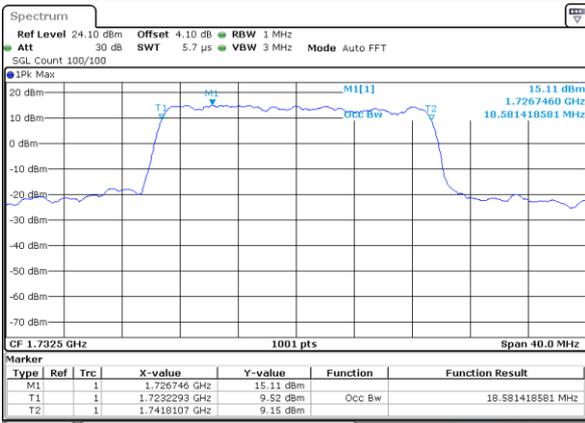
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Lowest Channel / 20MHz / 16QAM



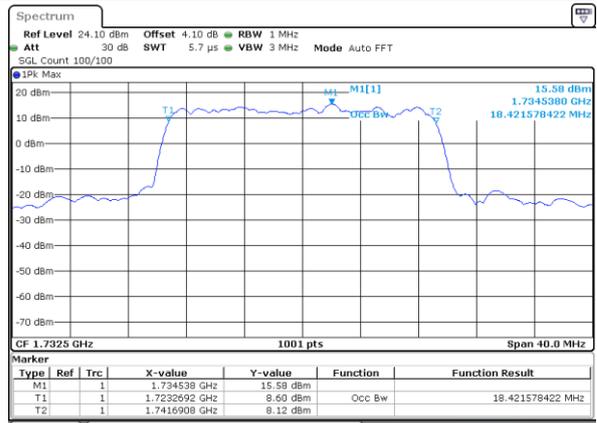
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Middle Channel / 20MHz / QPSK



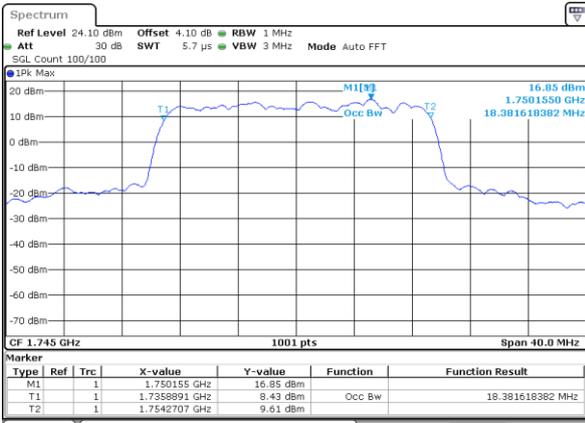
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Middle Channel / 20MHz / 16QAM



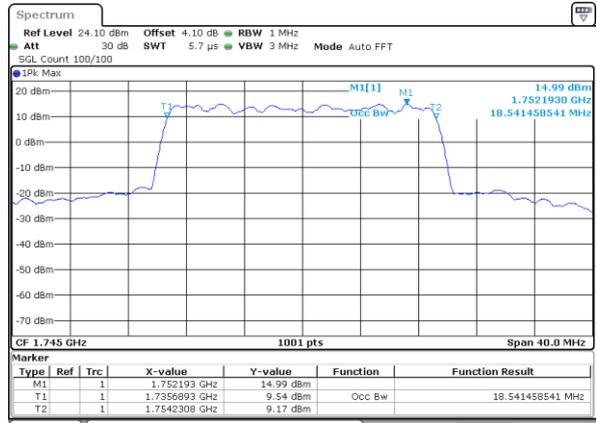
Date: 2 MAY 2019 14:23:37

Highest Channel / 20MHz / QPSK



Date: 2 MAY 2019 14:25:54

Highest Channel / 20MHz / 16QAM

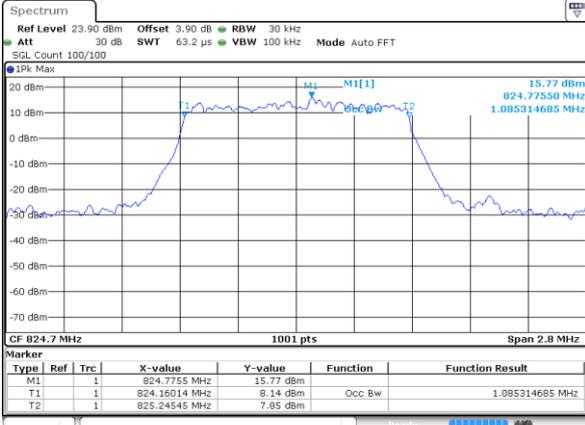


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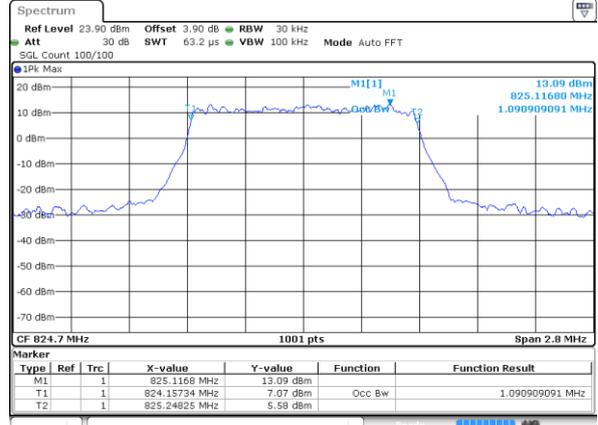
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



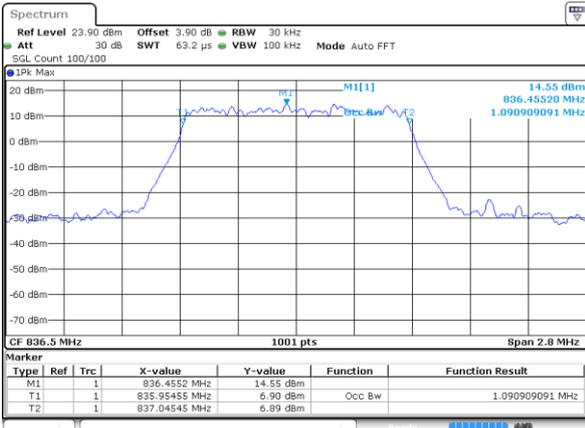
Date: 2 MAY 2019 15:57:48

Lowest Channel / 1.4MHz / 16QAM



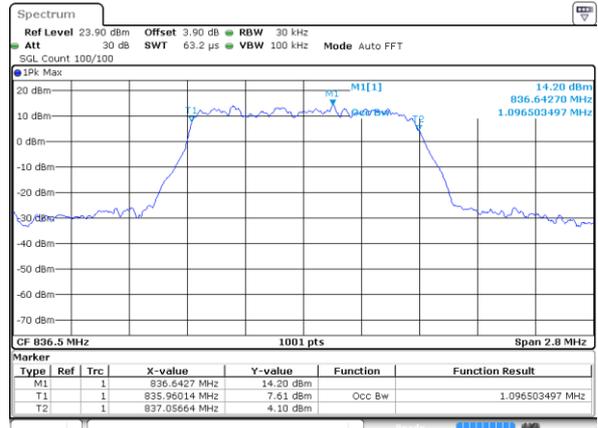
Date: 2 MAY 2019 15:57:58

Middle Channel / 1.4MHz / QPSK



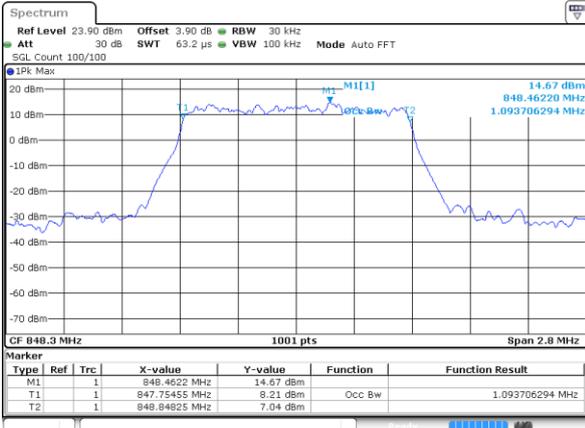
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Middle Channel / 1.4MHz / 16QAM



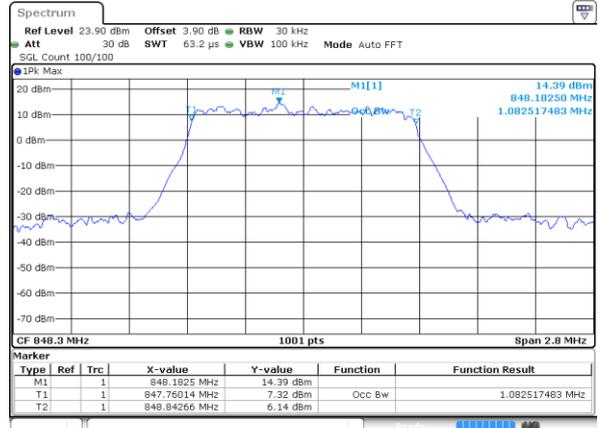
Date: 2 MAY 2019 16:08:53

Highest Channel / 1.4MHz / QPSK



Date: 2 MAY 2019 16:11:10

Highest Channel / 1.4MHz / 16QAM

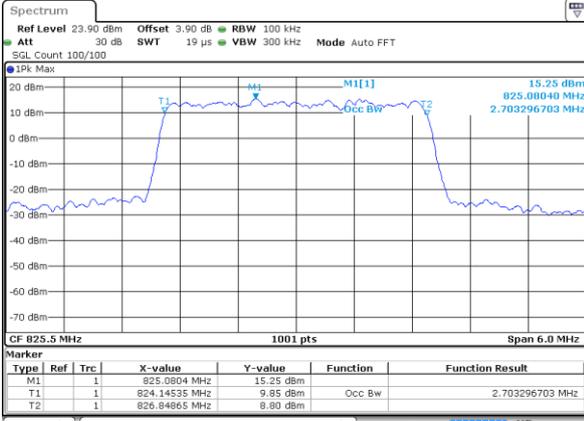


Date: 2 MAY 2019 16:11:20



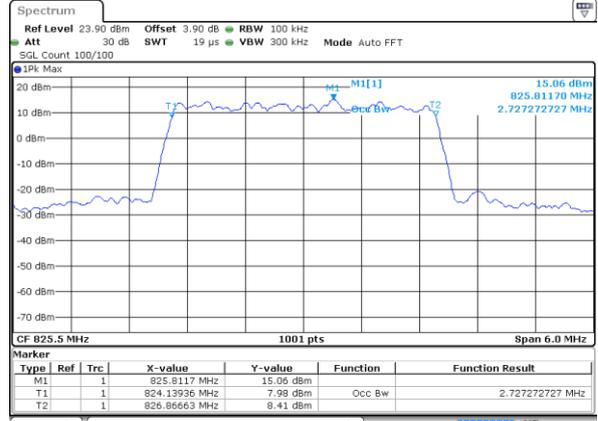
LTE Band 5

Lowest Channel / 3MHz / QPSK



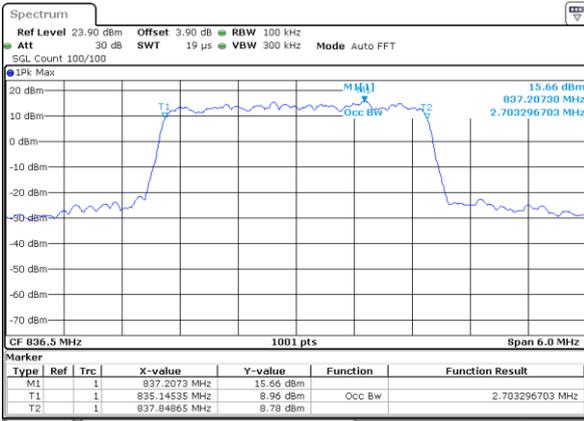
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Lowest Channel / 3MHz / 16QAM



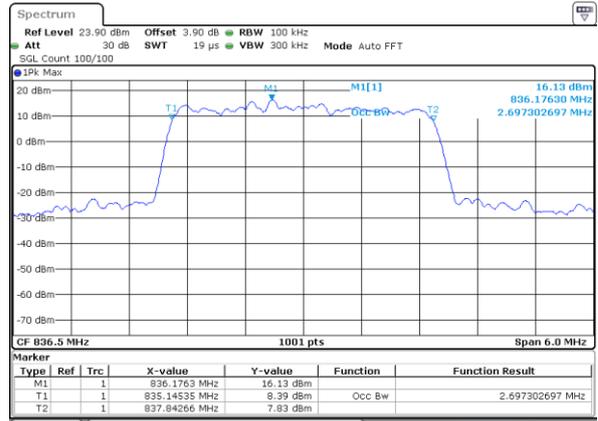
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Middle Channel / 3MHz / QPSK



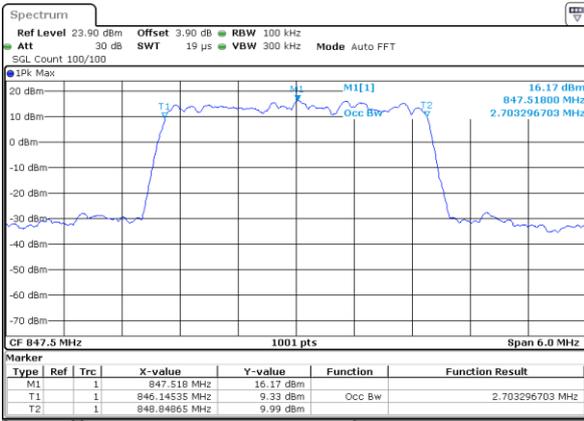
Date: 2 MAY 2019 17:51:59

Middle Channel / 3MHz / 16QAM



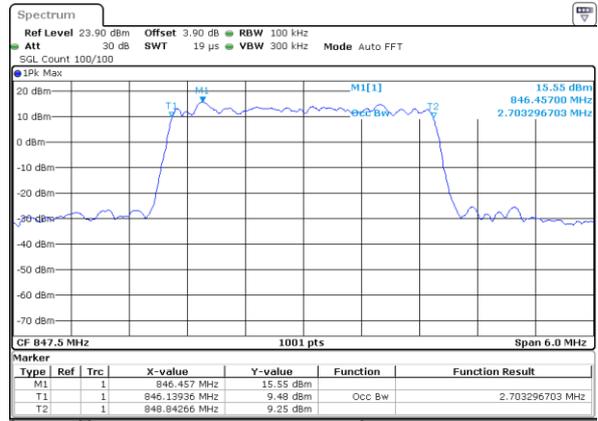
Date: 2 MAY 2019 17:52:09

Highest Channel / 3MHz / QPSK



Date: 2 MAY 2019 17:54:27

Highest Channel / 3MHz / 16QAM

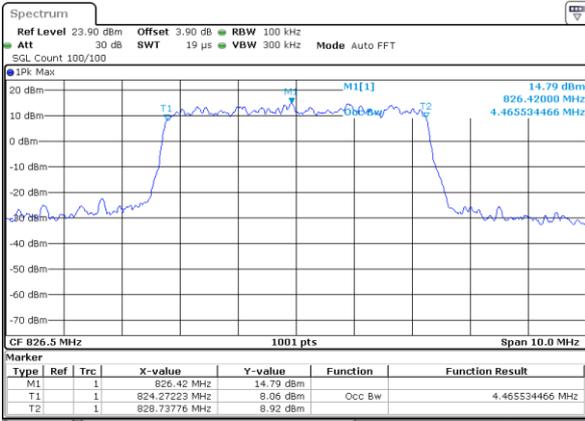


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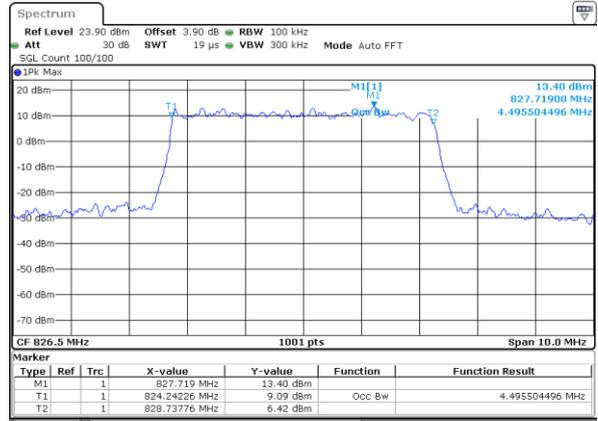
LTE Band 5

Lowest Channel / 5MHz / QPSK



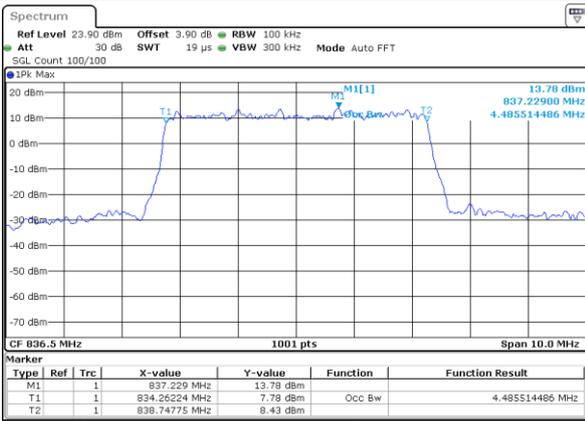
Date: 2 MAY 2019 17:32:16

Lowest Channel / 5MHz / 16QAM



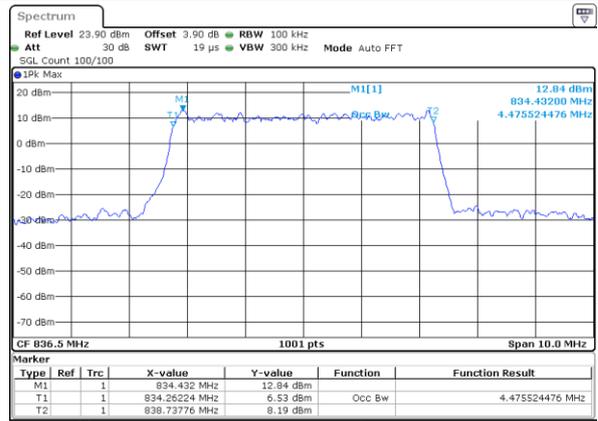
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Middle Channel / 5MHz / QPSK



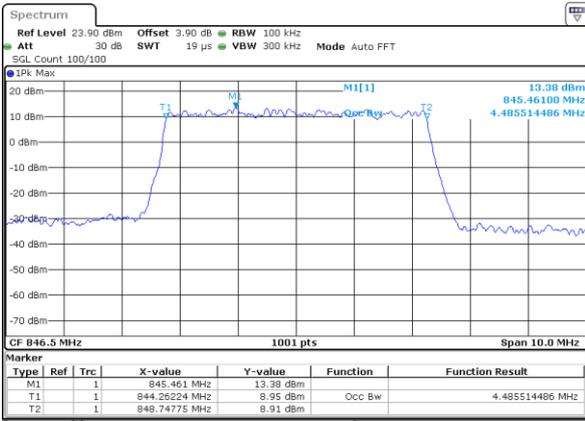
Date: 2 MAY 2019 16:21:39

Middle Channel / 5MHz / 16QAM



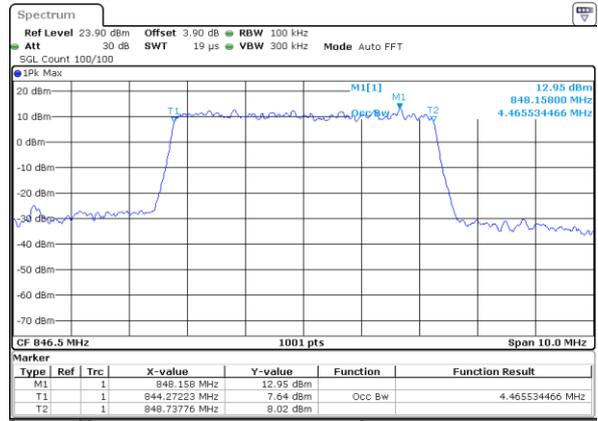
Date: 2 MAY 2019 16:21:49

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2019 16:24:06

Highest Channel / 5MHz / 16QAM



Date: 2 MAY 2019 16:24:16