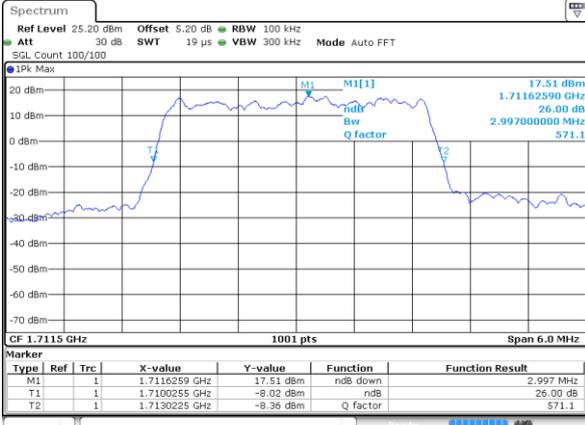




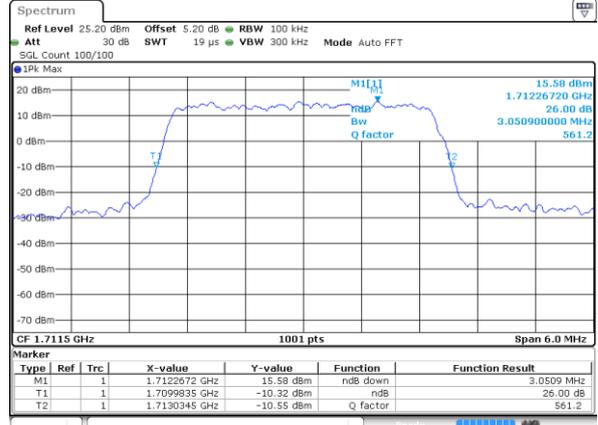
LTE Band 4

Lowest Channel / 3MHz / QPSK



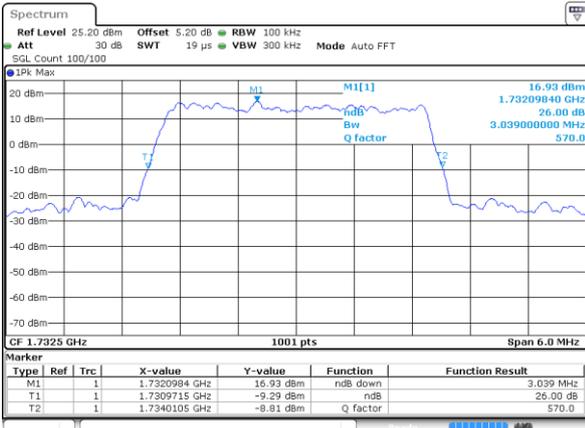
Date: 28 MAY 2019 01:54:51

Lowest Channel / 3MHz / 16QAM



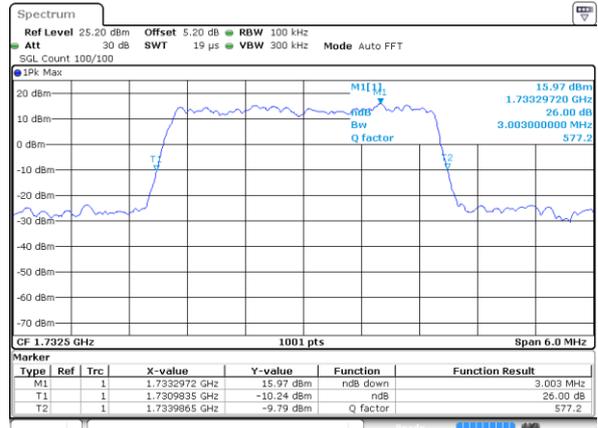
Date: 28 MAY 2019 01:55:01

Middle Channel / 3MHz / QPSK



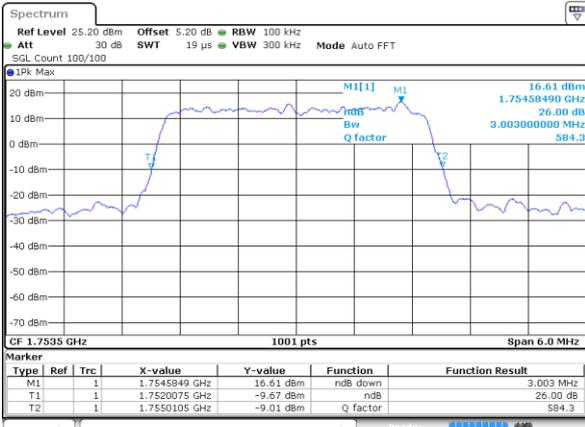
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Middle Channel / 3MHz / 16QAM



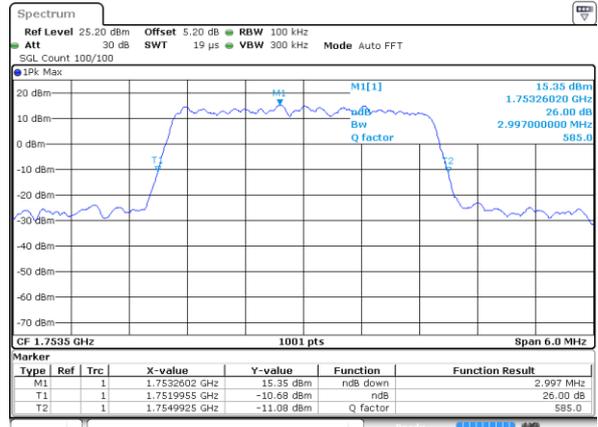
Date: 28 MAY 2019 02:02:01

Highest Channel / 3MHz / QPSK



Date: 28 MAY 2019 02:04:20

Highest Channel / 3MHz / 16QAM

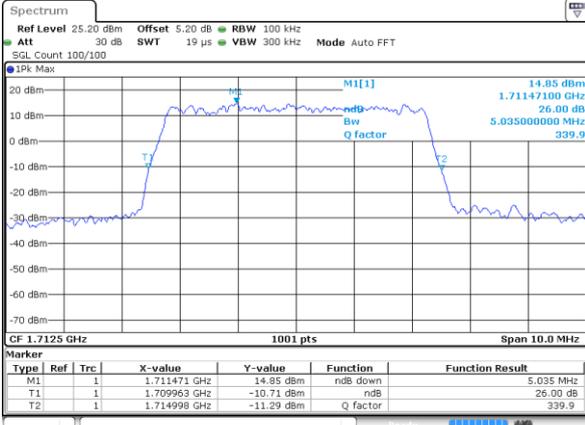


Date: 28 MAY 2019 02:04:30



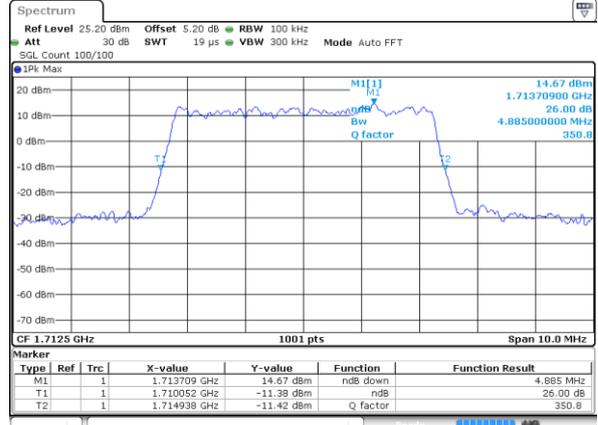
LTE Band 4

Lowest Channel / 5MHz / QPSK



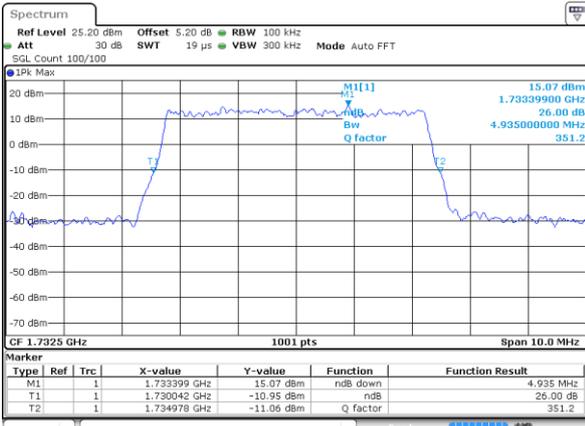
Date: 28 MAY 2019 02:11:20

Lowest Channel / 5MHz / 16QAM



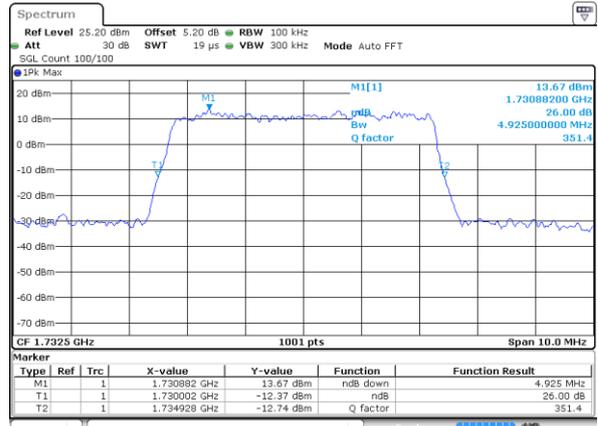
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Middle Channel / 5MHz / QPSK



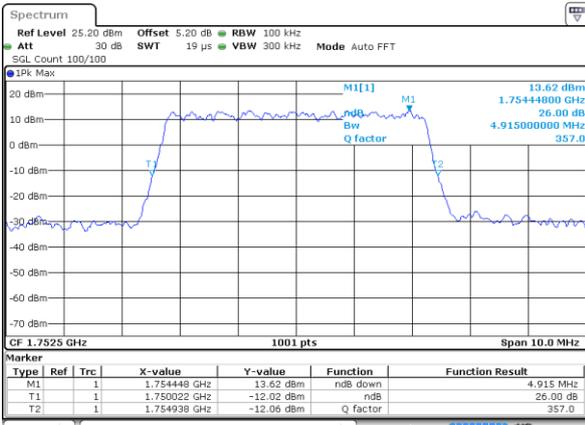
Date: 28 MAY 2019 02:18:19

Middle Channel / 5MHz / 16QAM



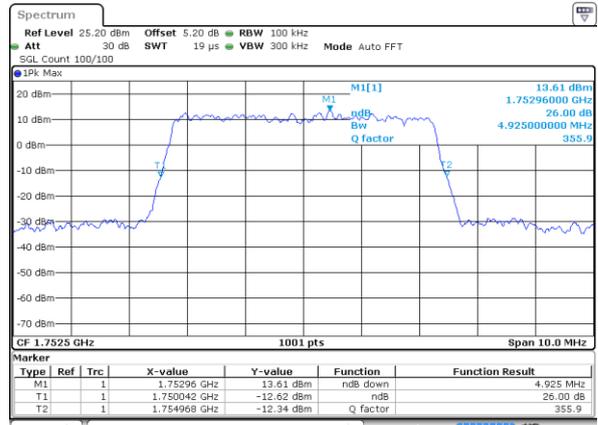
Date: 28 MAY 2019 02:18:29

Highest Channel / 5MHz / QPSK



Date: 28 MAY 2019 02:20:49

Highest Channel / 5MHz / 16QAM



Date: 28 MAY 2019 02:20:59



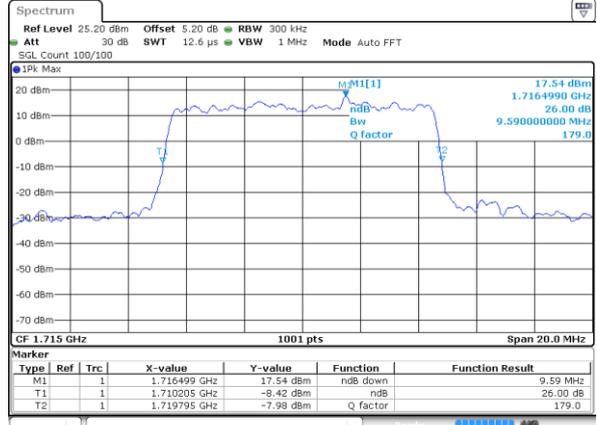
LTE Band 4

Lowest Channel / 10MHz / QPSK



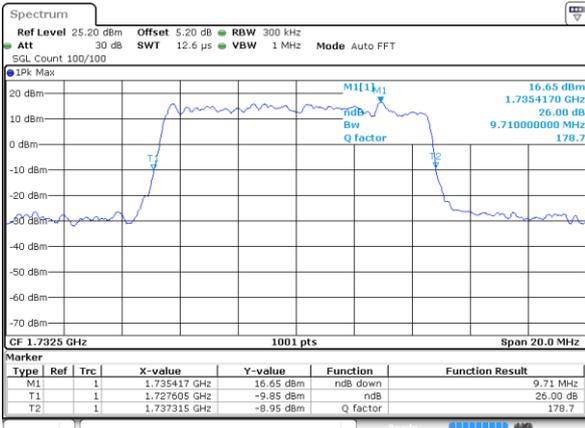
Date: 28 MAY 2019 02:27:48

Lowest Channel / 10MHz / 16QAM



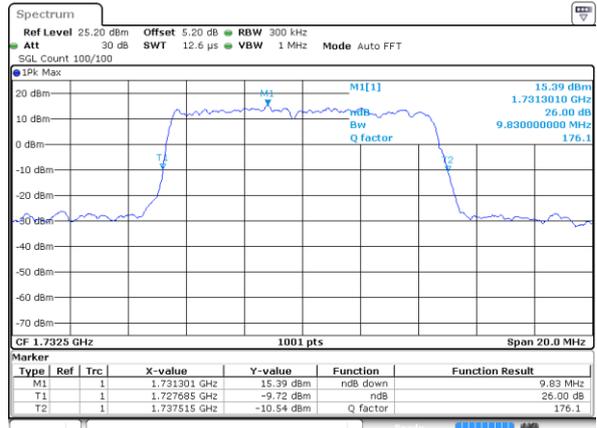
Date: 28 MAY 2019 02:27:58

Middle Channel / 10MHz / QPSK



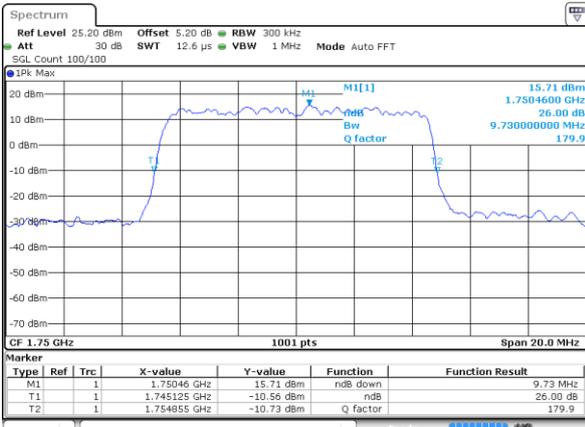
Date: 28 MAY 2019 02:34:48

Middle Channel / 10MHz / 16QAM



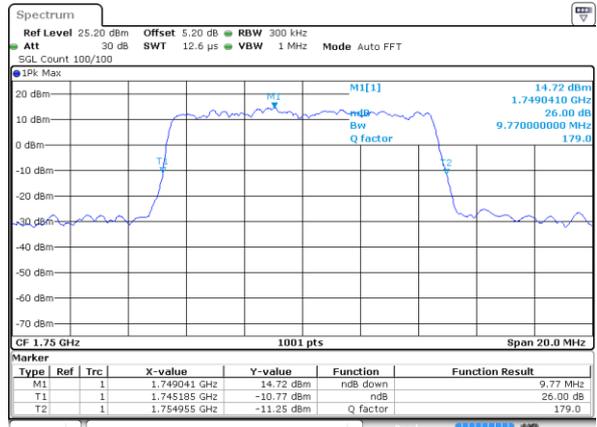
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Highest Channel / 10MHz / QPSK



Date: 28 MAY 2019 02:37:18

Highest Channel / 10MHz / 16QAM

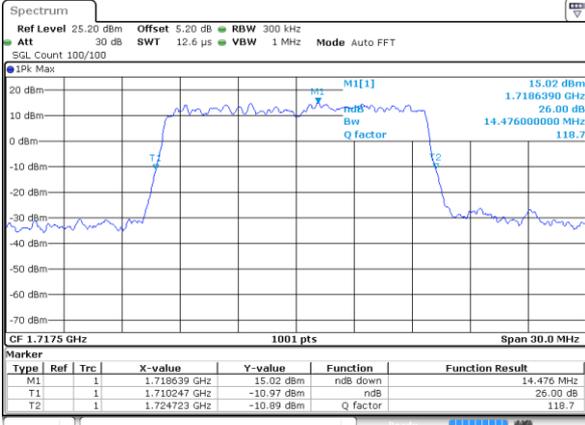


Date: 28 MAY 2019 02:37:28



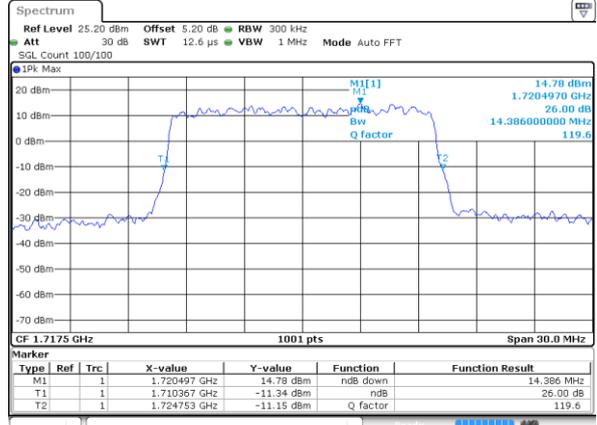
LTE Band 4

Lowest Channel / 15MHz / QPSK



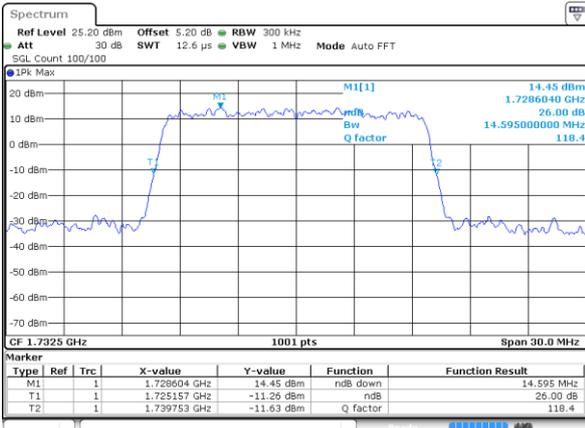
Date: 28 MAY 2019 02:44:17

Lowest Channel / 15MHz / 16QAM



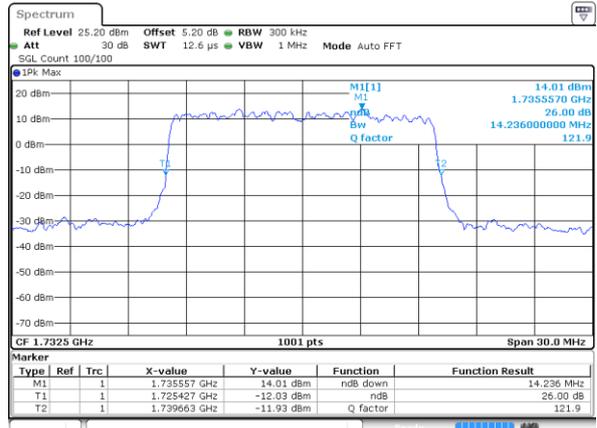
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Middle Channel / 15MHz / QPSK



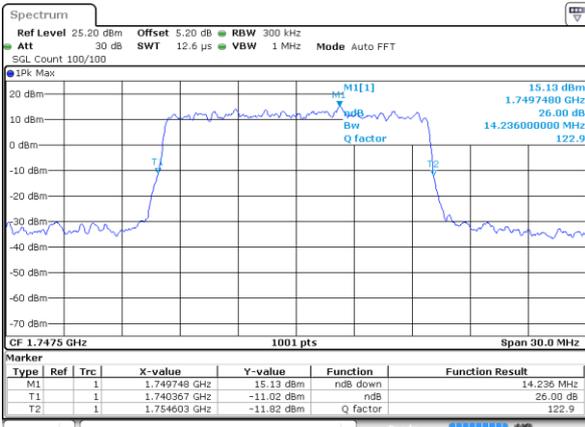
Date: 28 MAY 2019 02:51:17

Middle Channel / 15MHz / 16QAM



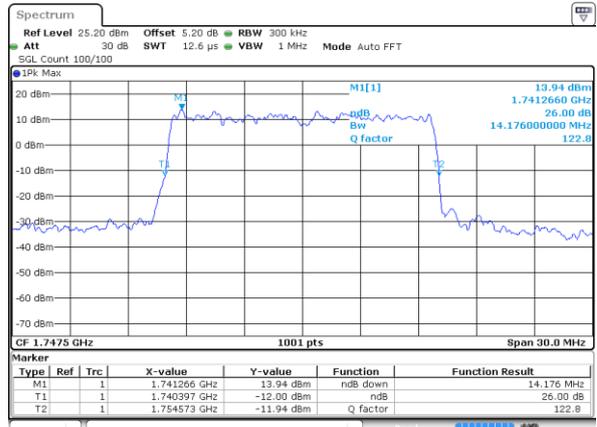
Date: 28 MAY 2019 02:51:27

Highest Channel / 15MHz / QPSK



Date: 28 MAY 2019 02:53:47

Highest Channel / 15MHz / 16QAM

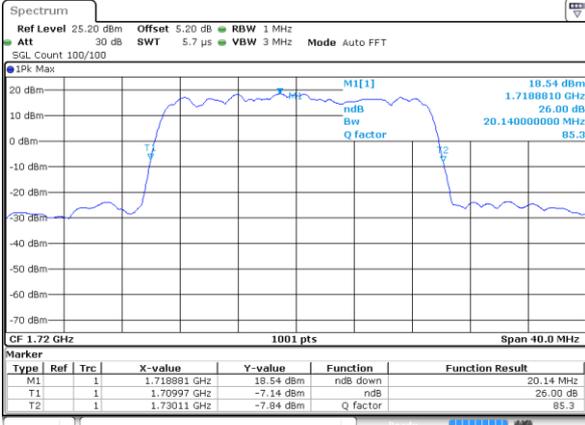


Date: 28 MAY 2019 02:53:57



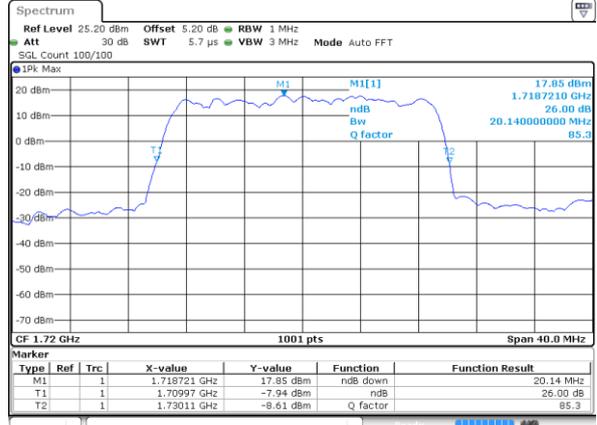
LTE Band 4

Lowest Channel / 20MHz / QPSK



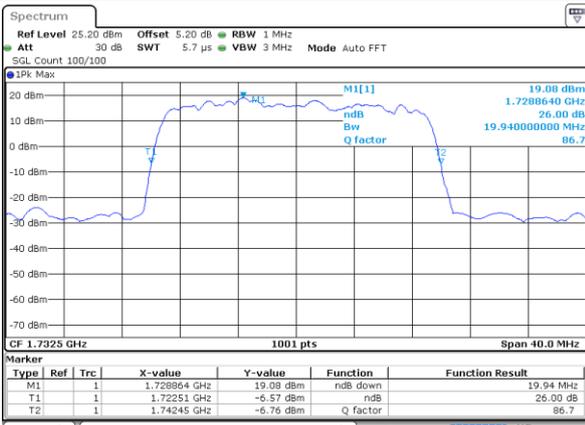
Date: 28 MAY 2019 03:00:46

Lowest Channel / 20MHz / 16QAM



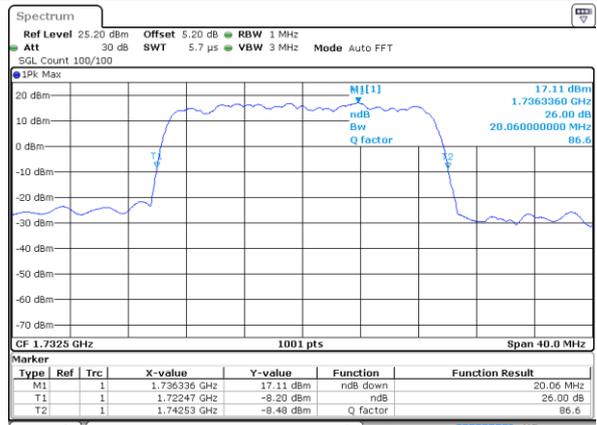
Date: 28 MAY 2019 03:00:56

Middle Channel / 20MHz / QPSK



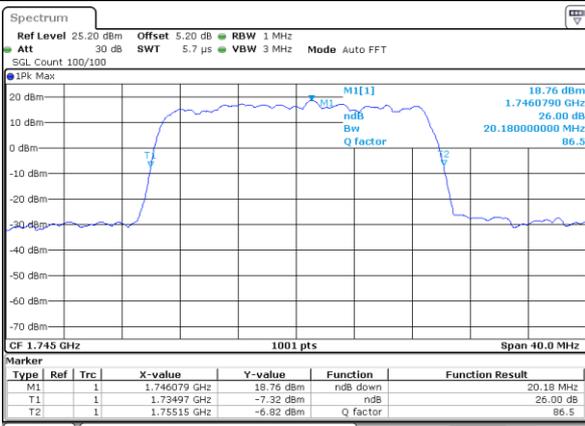
Date: 28 MAY 2019 03:07:46

Middle Channel / 20MHz / 16QAM



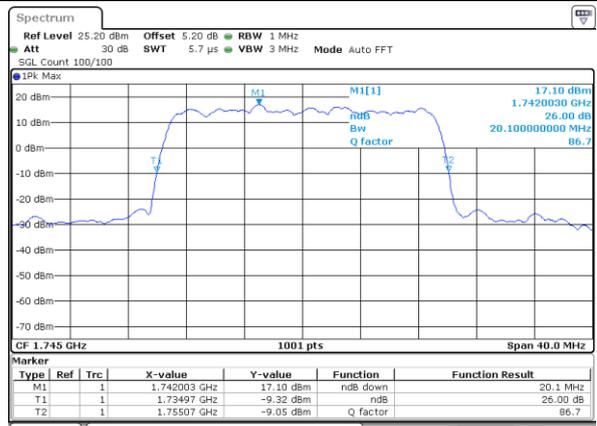
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Highest Channel / 20MHz / QPSK



Date: 28 MAY 2019 03:10:16

Highest Channel / 20MHz / 16QAM



Date: 28 MAY 2019 03:10:26



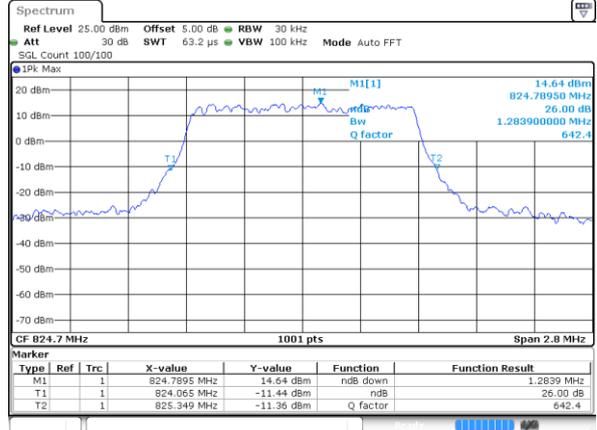
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



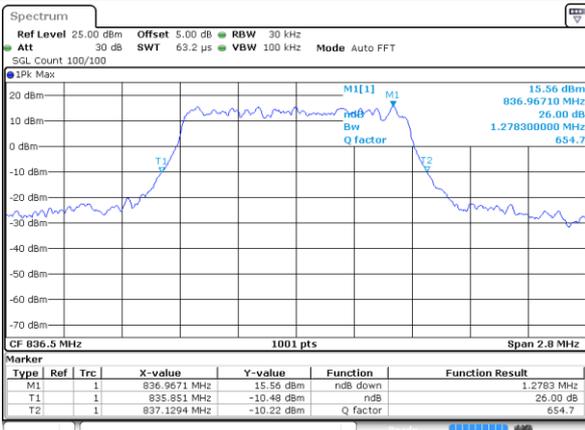
Date: 2 JUN 2019 03:08:38

Lowest Channel / 1.4MHz / 16QAM



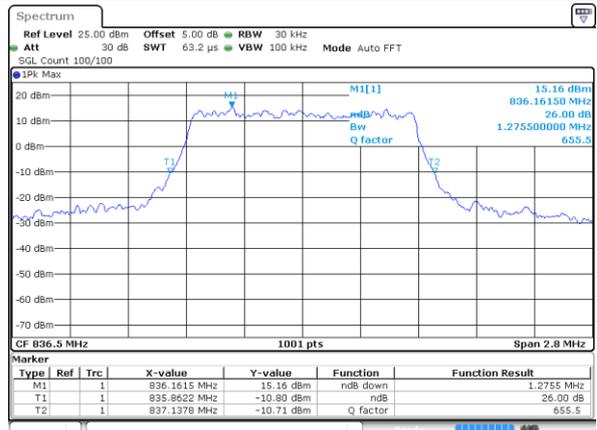
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Middle Channel / 1.4MHz / QPSK



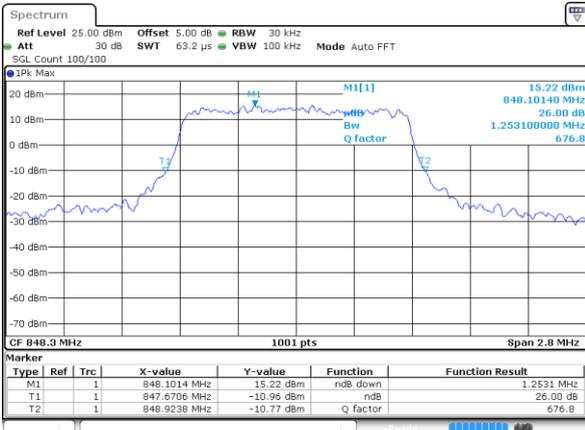
Date: 2 JUN 2019 03:19:13

Middle Channel / 1.4MHz / 16QAM



Date: 2 JUN 2019 03:19:23

Highest Channel / 1.4MHz / QPSK



Date: 2 JUN 2019 03:21:42

Highest Channel / 1.4MHz / 16QAM

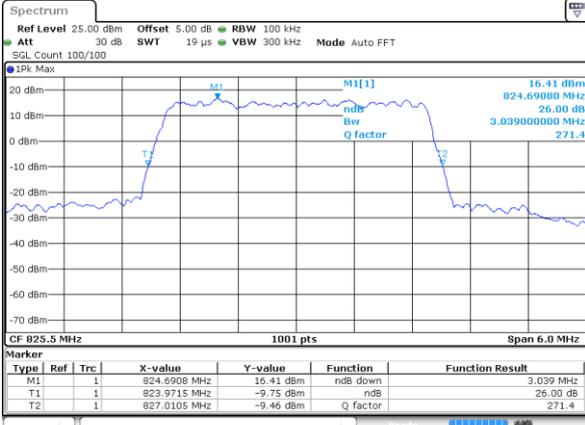


Date: 2 JUN 2019 03:21:52



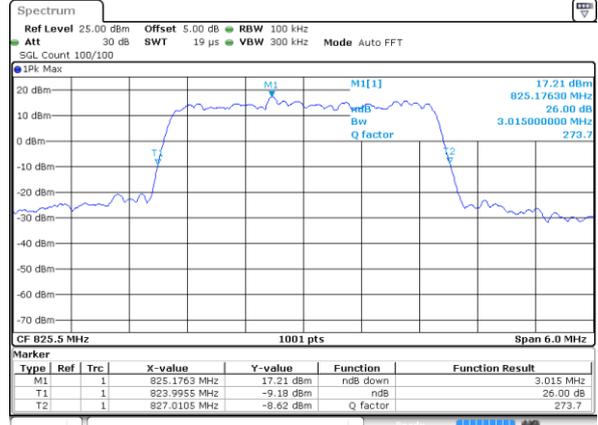
LTE Band 5

Lowest Channel / 3MHz / QPSK



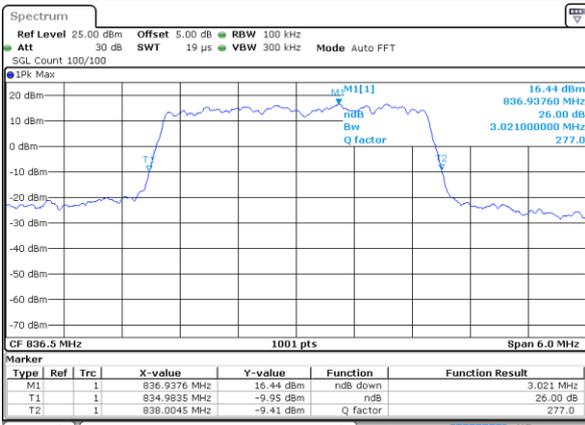
Date: 2 JUN 2019 05:09:13

Lowest Channel / 3MHz / 16QAM



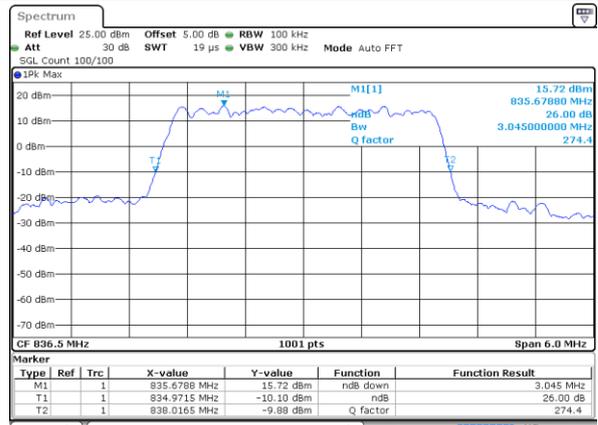
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Middle Channel / 3MHz / QPSK



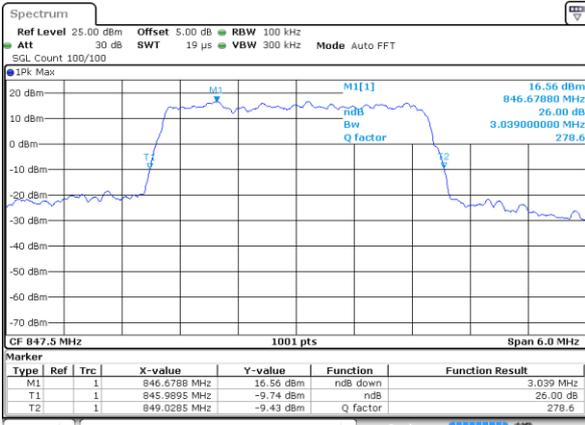
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Middle Channel / 3MHz / 16QAM



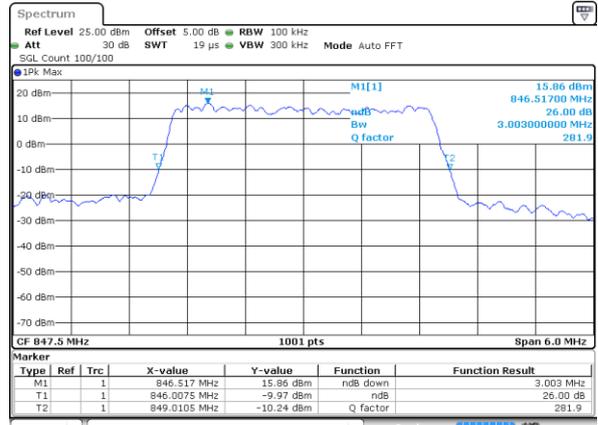
Date: 2 JUN 2019 05:18:23

Highest Channel / 3MHz / QPSK



Date: 2 JUN 2019 05:20:42

Highest Channel / 3MHz / 16QAM

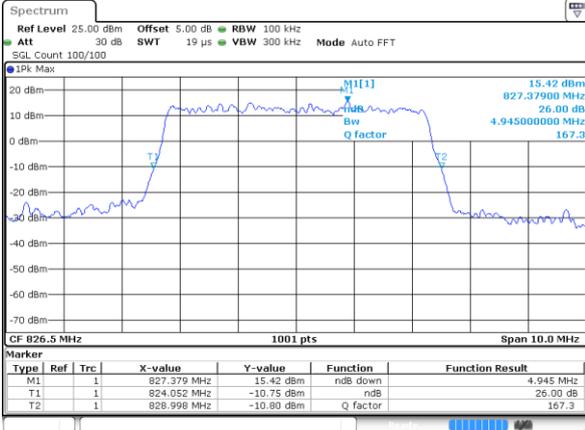


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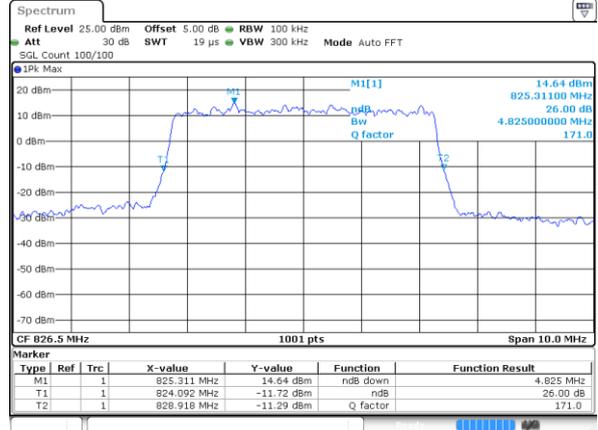
LTE Band 5

Lowest Channel / 5MHz / QPSK



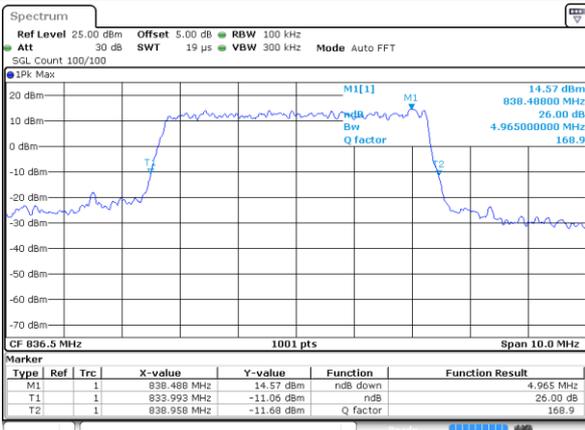
Date: 2 JUN 2019 05:34:27

Lowest Channel / 5MHz / 16QAM



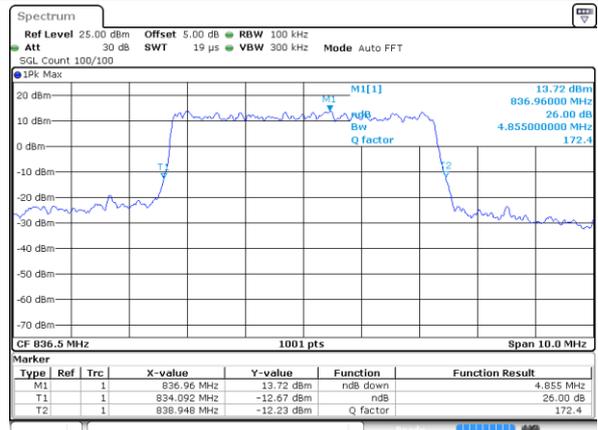
Date: 2 JUN 2019 05:34:47

Middle Channel / 5MHz / QPSK



Date: 2 JUN 2019 03:32:16

Middle Channel / 5MHz / 16QAM



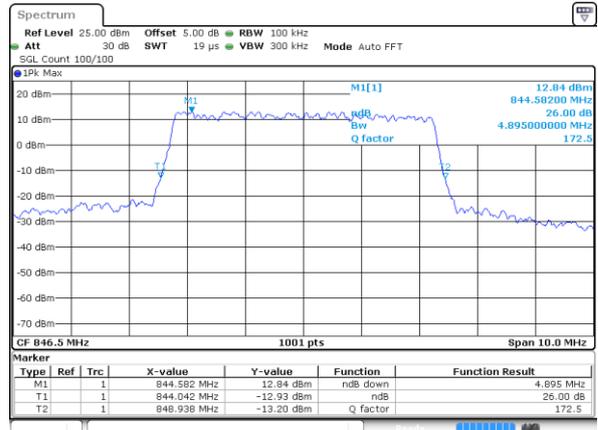
Date: 2 JUN 2019 03:32:26

Highest Channel / 5MHz / QPSK



Date: 2 JUN 2019 03:34:46

Highest Channel / 5MHz / 16QAM

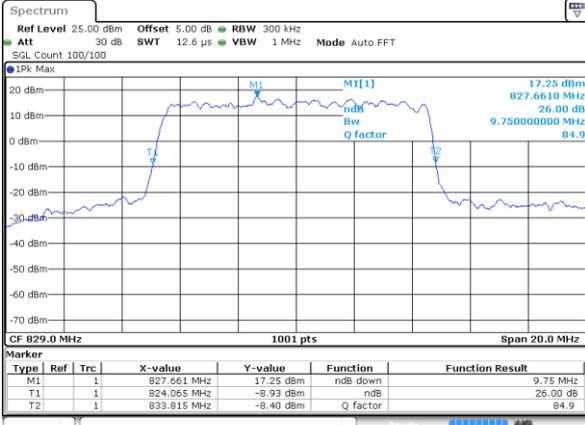


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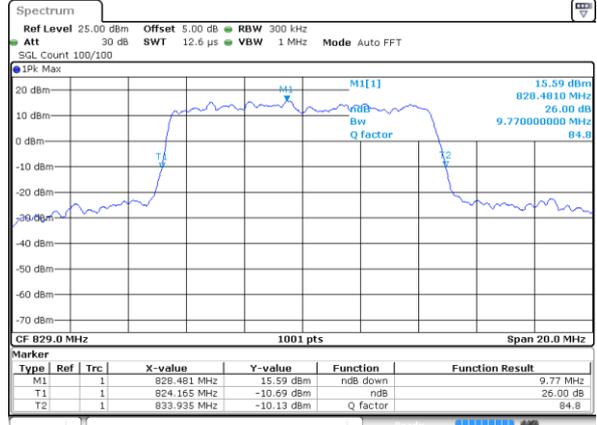
LTE Band 5

Lowest Channel / 10MHz / QPSK



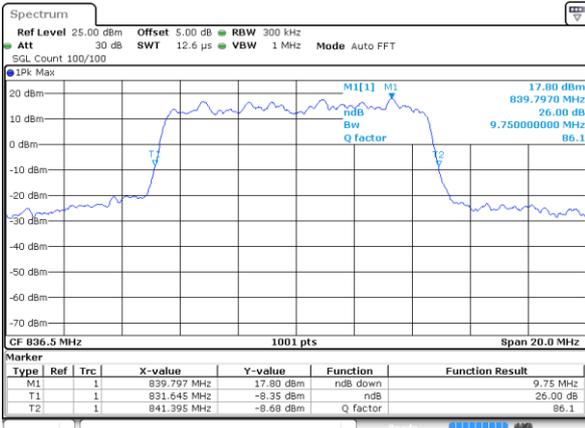
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Lowest Channel / 10MHz / 16QAM



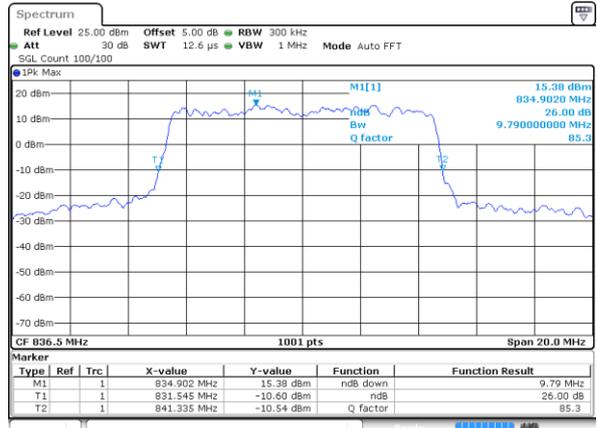
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Middle Channel / 10MHz / QPSK



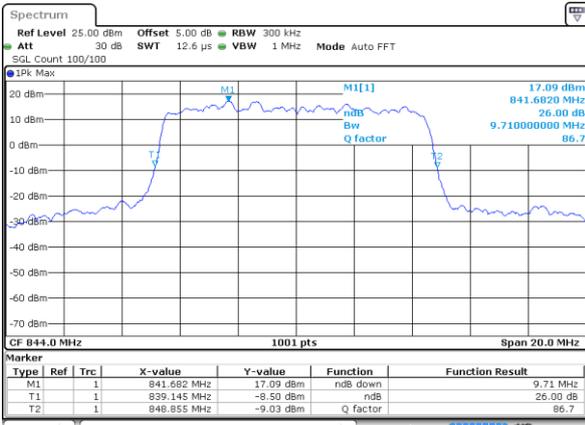
Date: 2 JUN 2019 03:52:44

Middle Channel / 10MHz / 16QAM



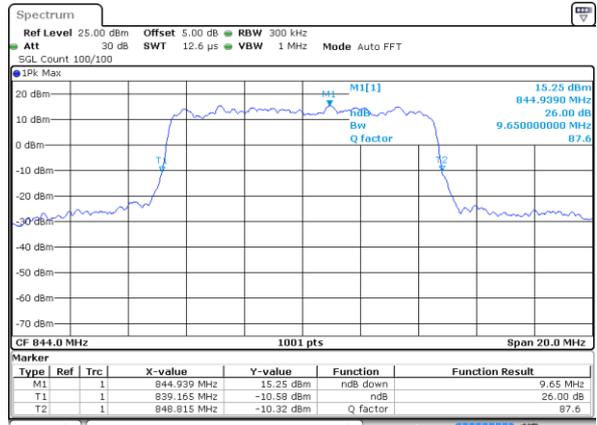
Date: 2 JUN 2019 03:52:54

Highest Channel / 10MHz / QPSK



Date: 2 JUN 2019 03:55:14

Highest Channel / 10MHz / 16QAM

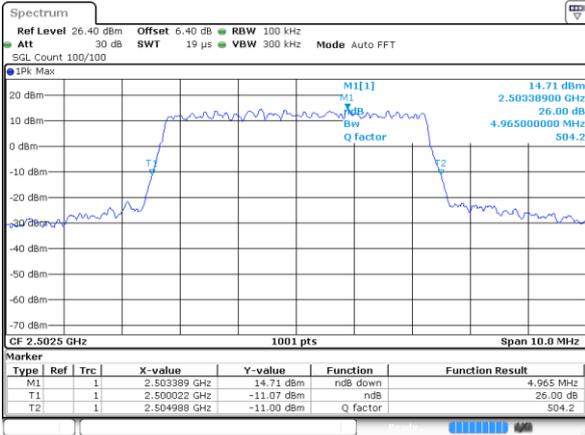


Date: 2 JUN 2019 03:55:24

LTE Band 7

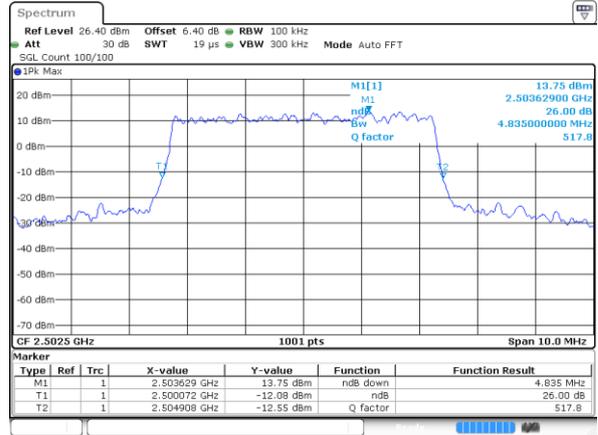


Lowest Channel / 5MHz / QPSK



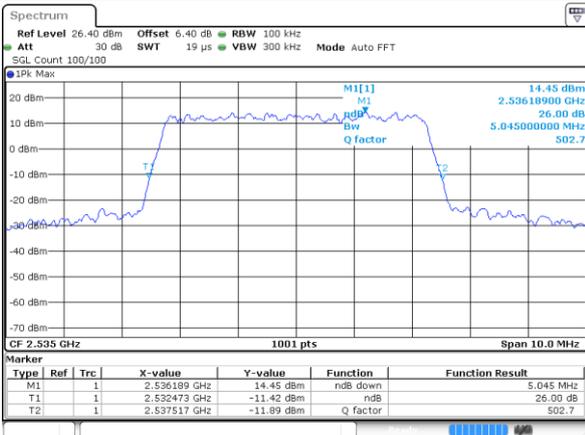
Date: 2 JUN 2019 05:46:22

Lowest Channel / 5MHz / 16QAM



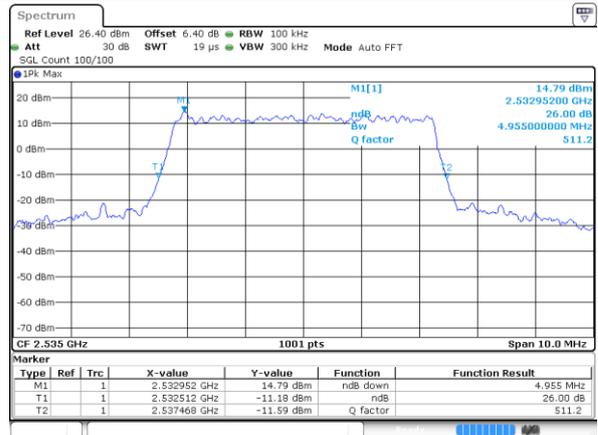
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Middle Channel / 5MHz / QPSK



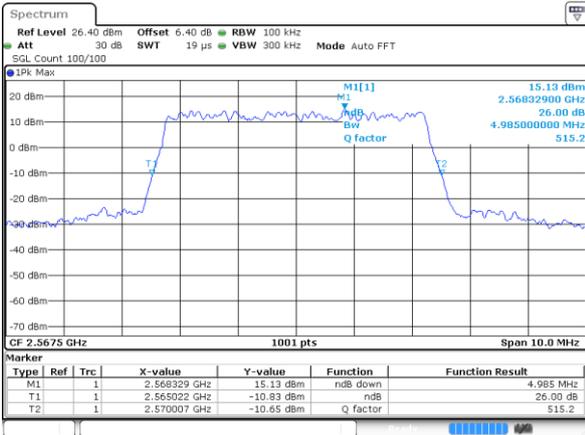
Date: 2 JUN 2019 05:47:22

Middle Channel / 5MHz / 16QAM



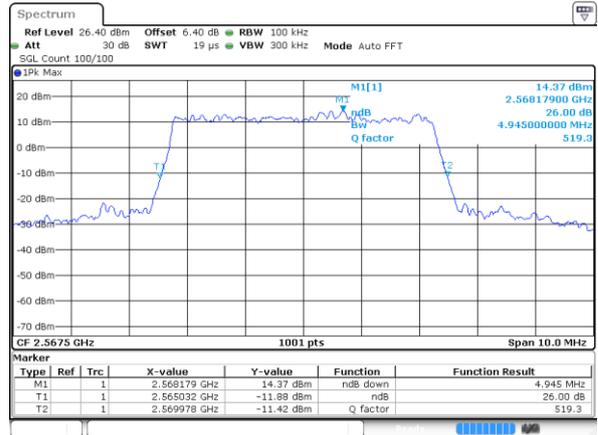
Date: 2 JUN 2019 05:47:02

Highest Channel / 5MHz / QPSK



Date: 2 JUN 2019 05:47:43

Highest Channel / 5MHz / 16QAM

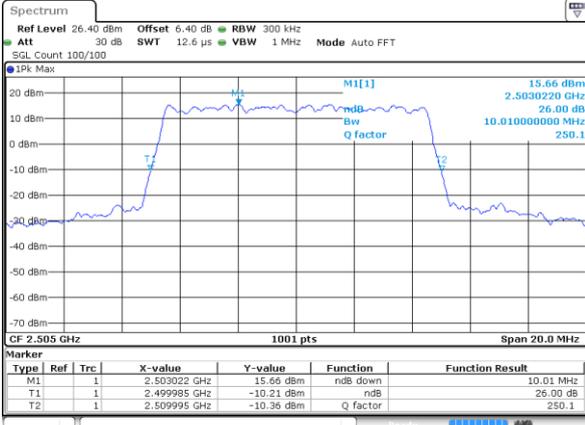


Date: 2 JUN 2019 05:48:03



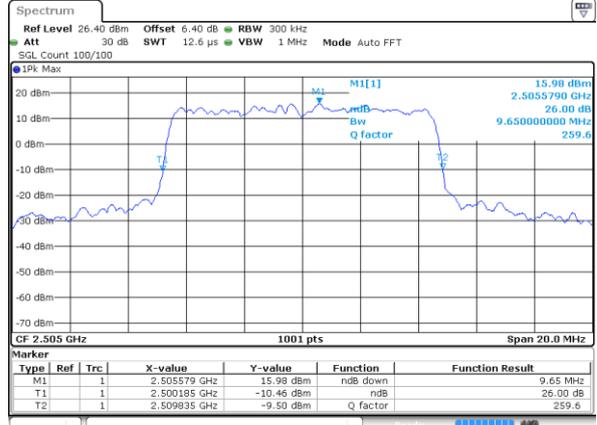
LTE Band 7

Lowest Channel / 10MHz / QPSK



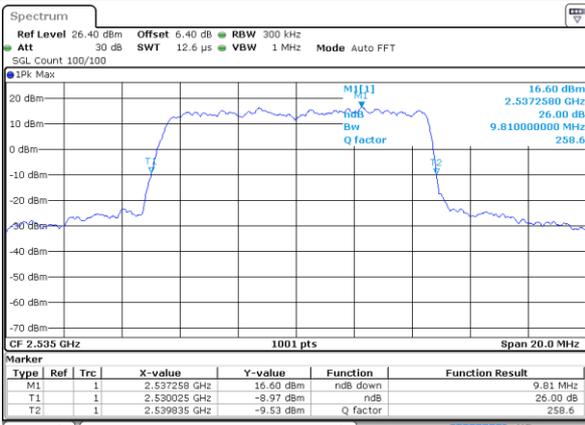
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Lowest Channel / 10MHz / 16QAM



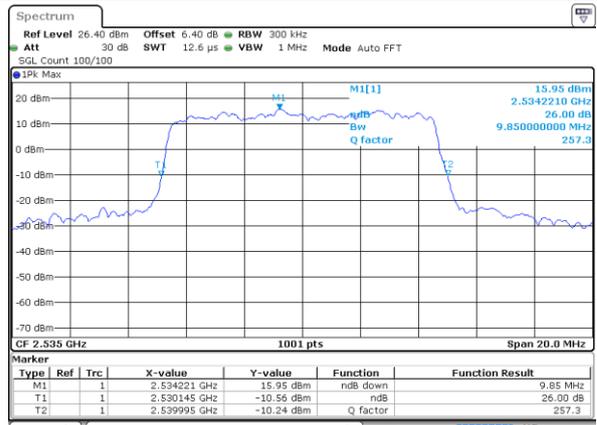
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Middle Channel / 10MHz / QPSK



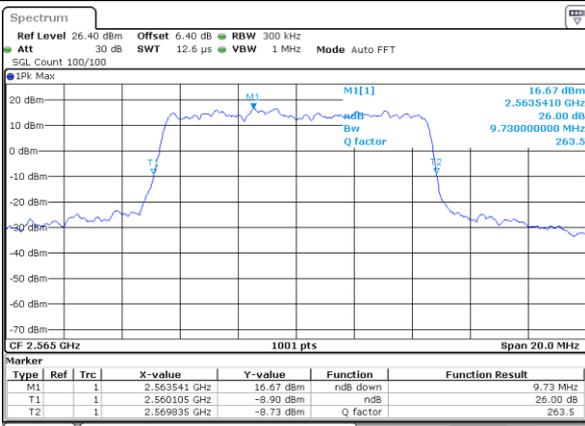
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Middle Channel / 10MHz / 16QAM



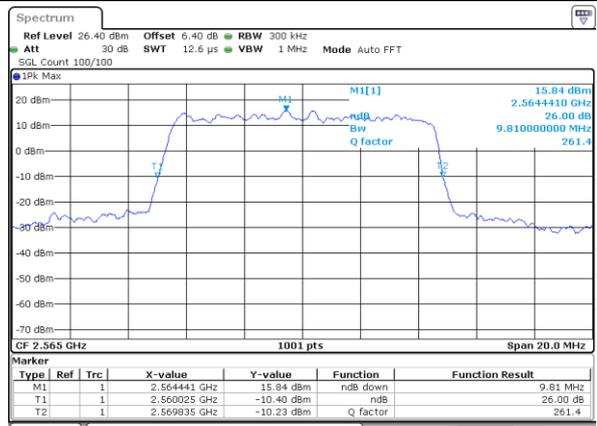
Date: 2 JUN 2019 05:53:33

Highest Channel / 10MHz / QPSK



Date: 2 JUN 2019 05:54:13

Highest Channel / 10MHz / 16QAM

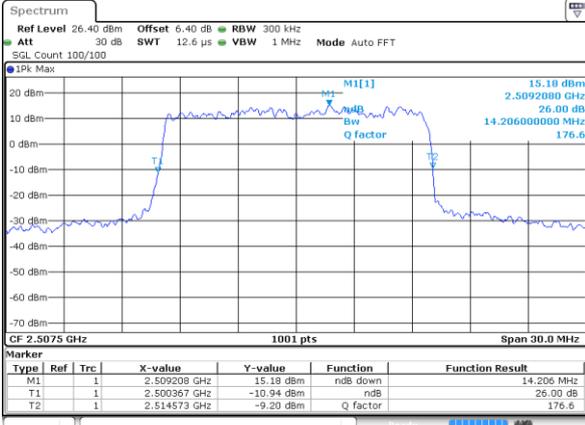


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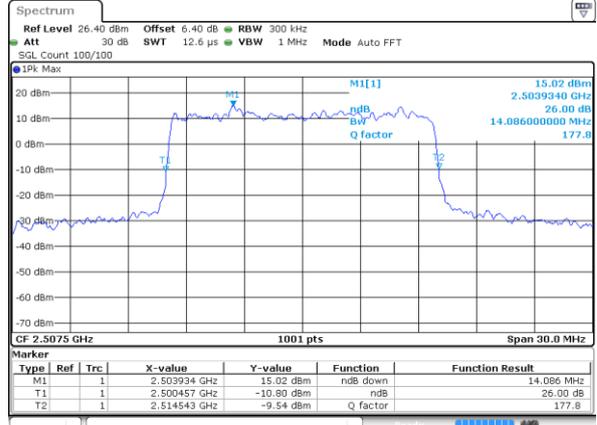
LTE Band 7

Lowest Channel / 15MHz / QPSK



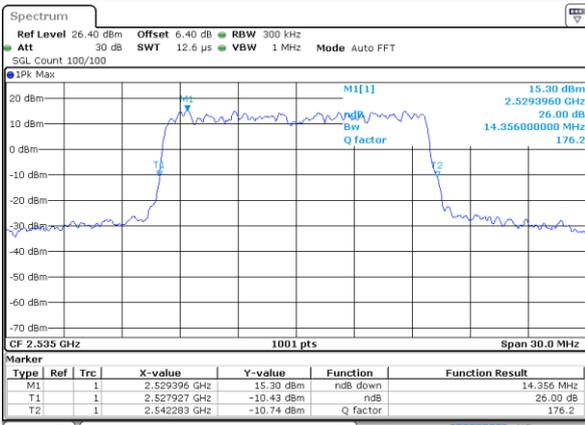
Date: 2 JUN 2019 06:09:43

Lowest Channel / 15MHz / 16QAM



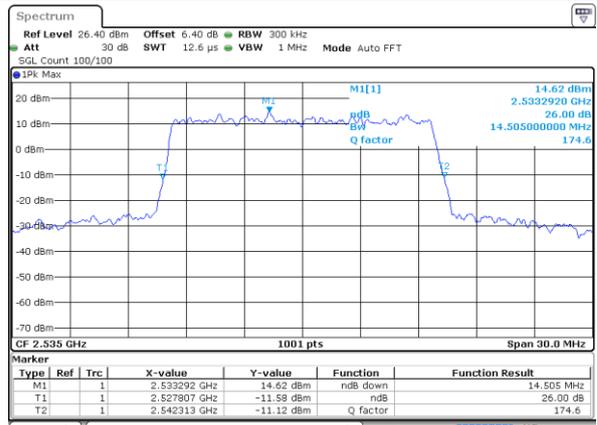
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Middle Channel / 15MHz / QPSK



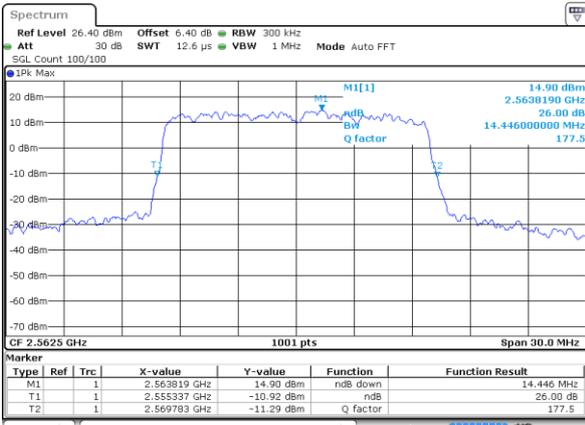
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Middle Channel / 15MHz / 16QAM



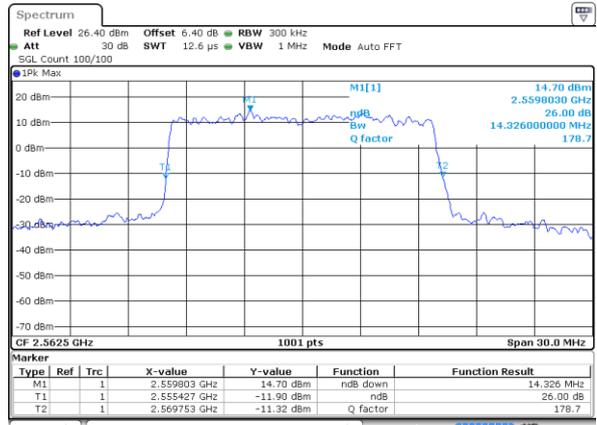
Date: 2 JUN 2019 06:10:23

Highest Channel / 15MHz / QPSK



Date: 2 JUN 2019 06:11:03

Highest Channel / 15MHz / 16QAM

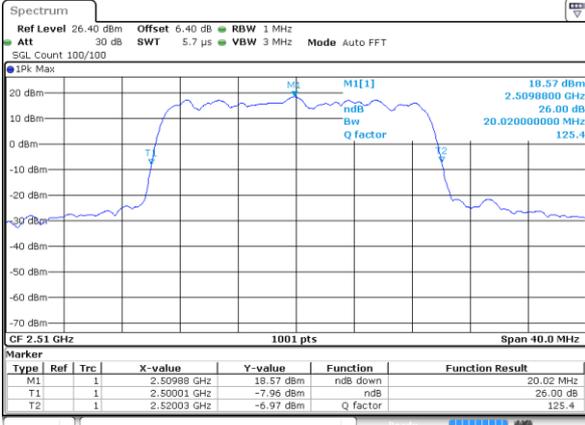


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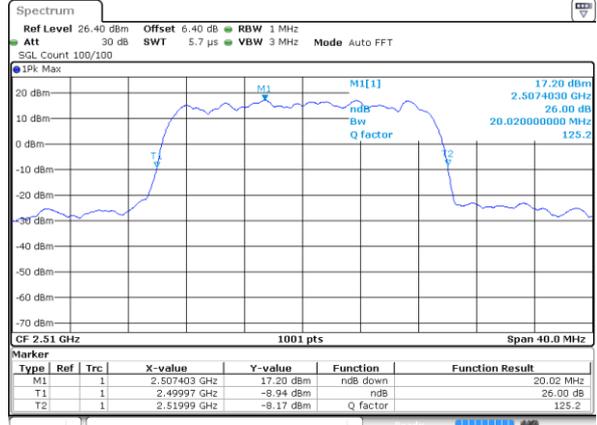
LTE Band 7

Lowest Channel / 20MHz / QPSK



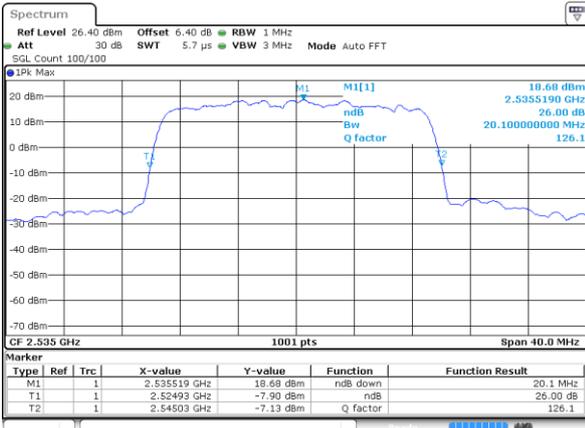
Date: 2 JUN 2019 06:26:14

Lowest Channel / 20MHz / 16QAM



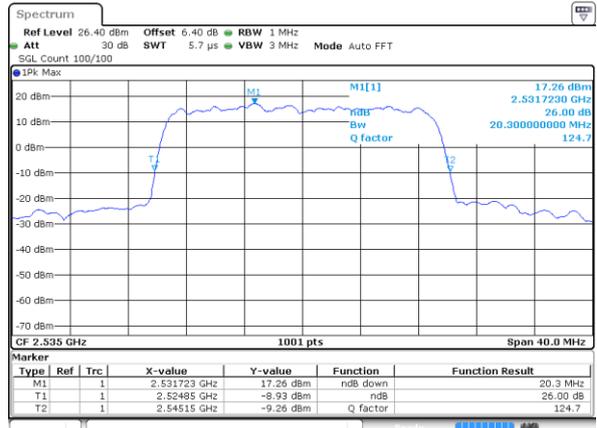
Date: 2 JUN 2019 06:25:54

Middle Channel / 20MHz / QPSK



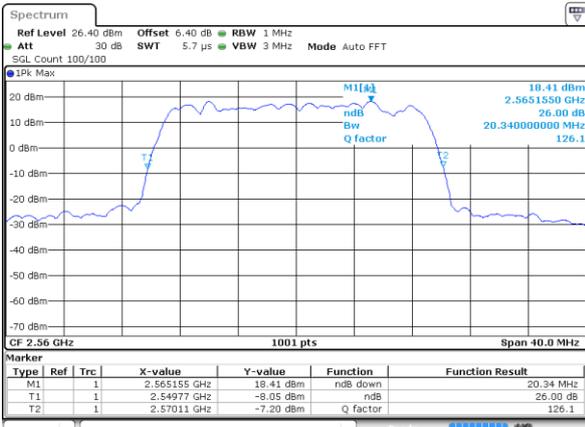
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Middle Channel / 20MHz / 16QAM



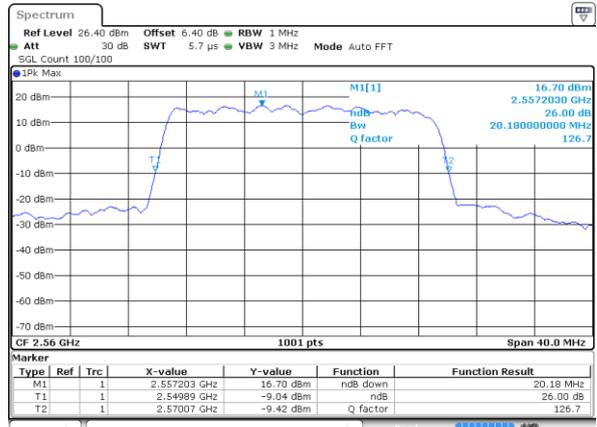
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Highest Channel / 20MHz / QPSK



Date: 2 JUN 2019 06:27:34

Highest Channel / 20MHz / 16QAM

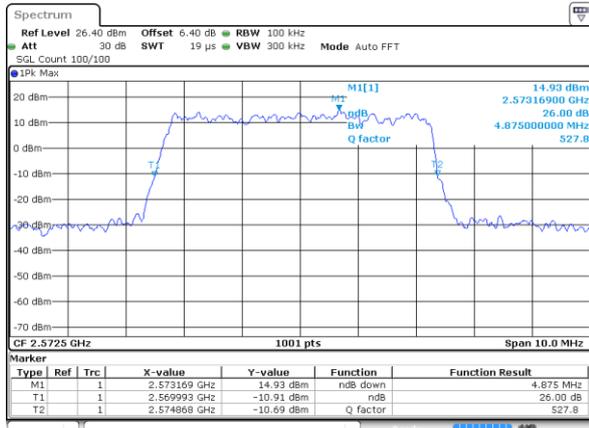


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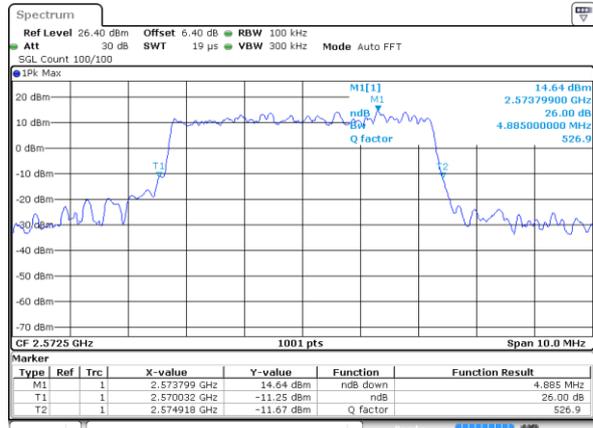
LTE Band 38

Lowest Channel / 5MHz / QPSK



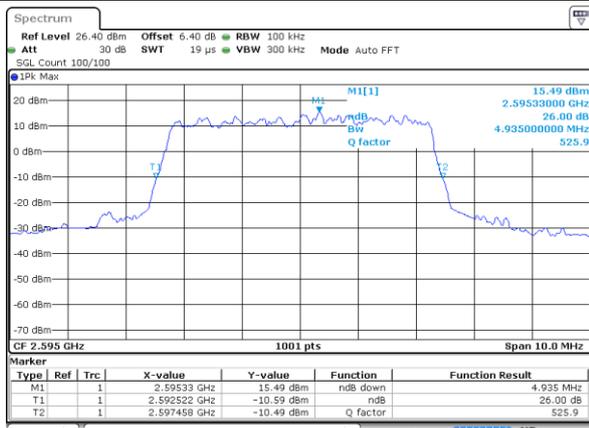
Date: 2 JUN 2019 07:25:42

Lowest Channel / 5MHz / 16QAM



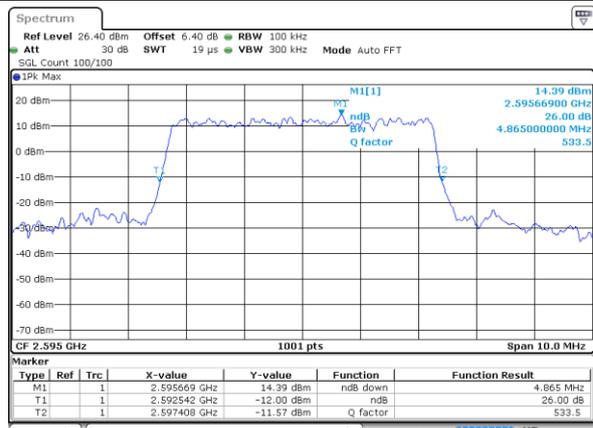
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Middle Channel / 5MHz / QPSK



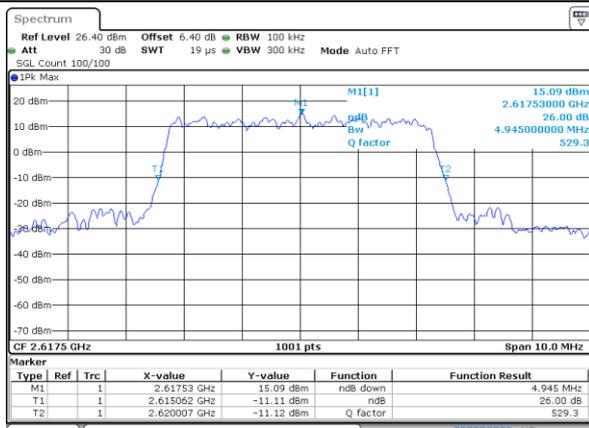
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Middle Channel / 5MHz / 16QAM



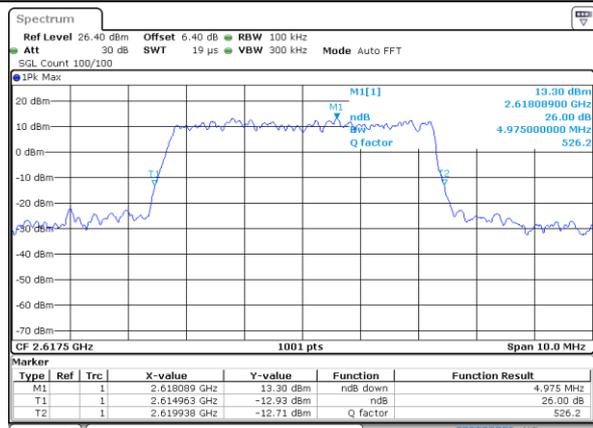
Date: 2 JUN 2019 07:26:32

Highest Channel / 5MHz / QPSK



Date: 2 JUN 2019 07:27:02

Highest Channel / 5MHz / 16QAM

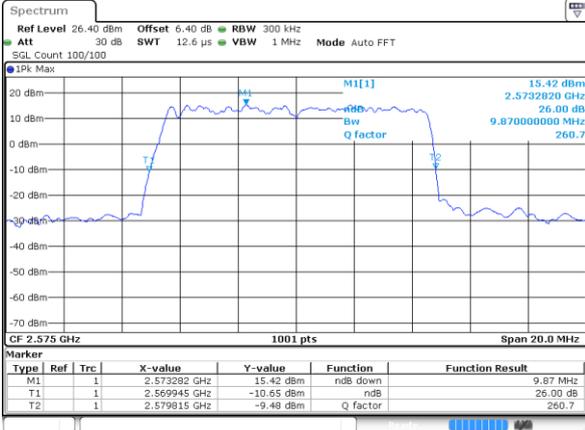


Date: 2 JUN 2019 07:27:12



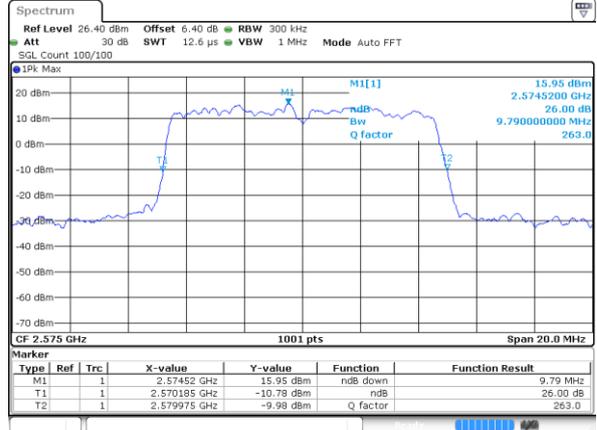
LTE Band 38

Lowest Channel / 10MHz / QPSK



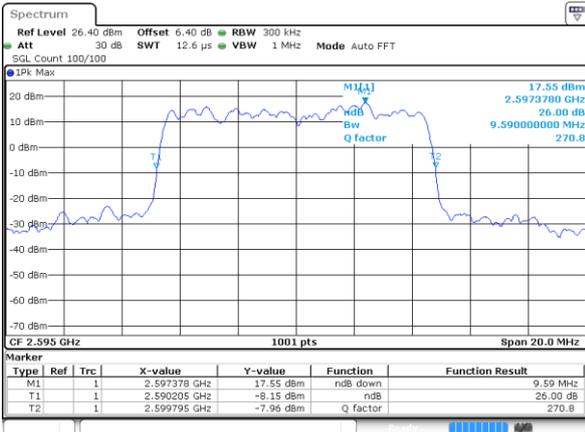
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Lowest Channel / 10MHz / 16QAM



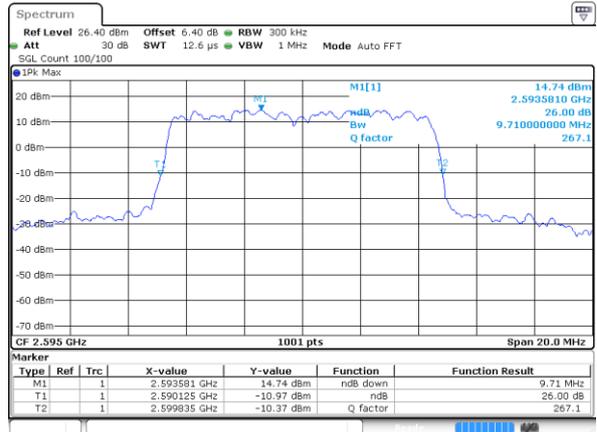
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Middle Channel / 10MHz / QPSK



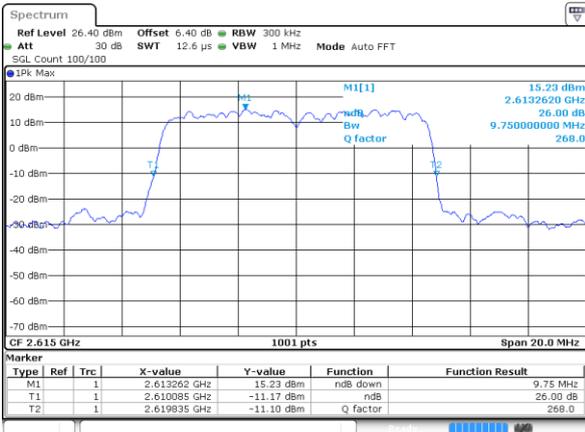
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Middle Channel / 10MHz / 16QAM



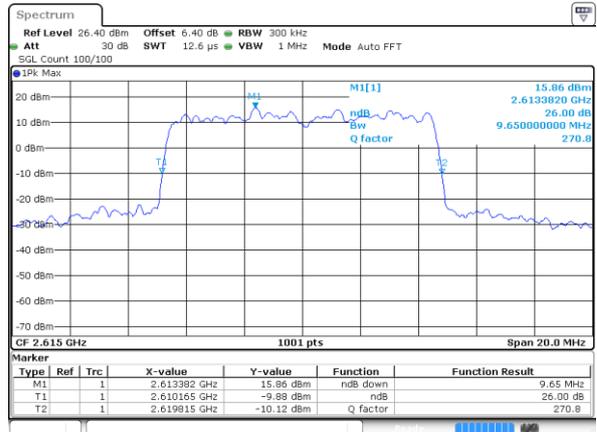
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Highest Channel / 10MHz / QPSK



Date: 2 JUN 2019 07:29:02

Highest Channel / 10MHz / 16QAM

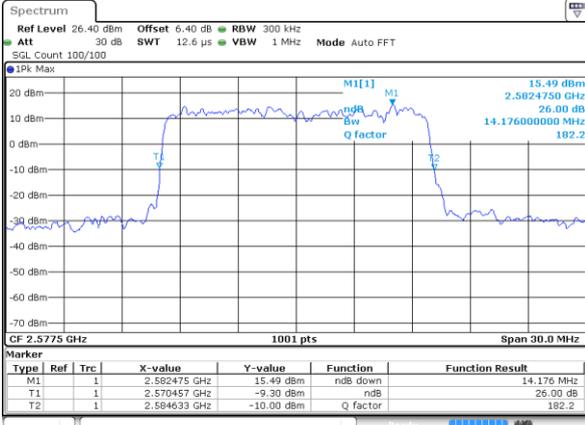


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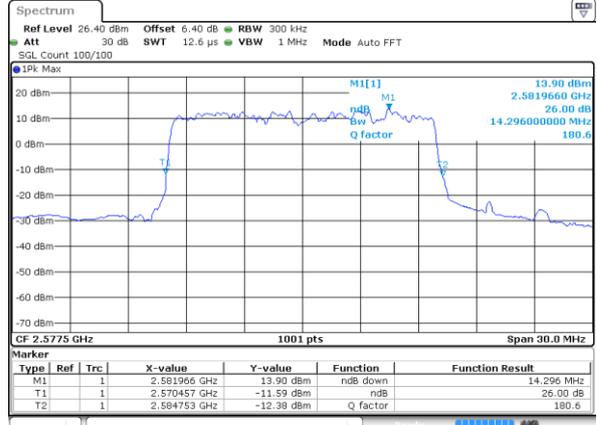
LTE Band 38

Lowest Channel / 15MHz / QPSK



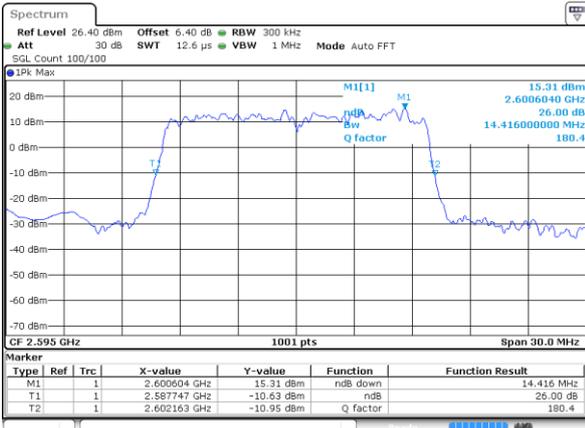
Date: 2 JUN 2019 07:30:36

Lowest Channel / 15MHz / 16QAM



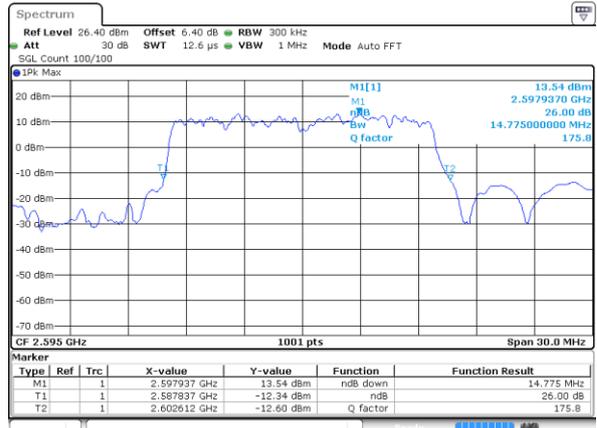
Date: 2 JUN 2019 07:30:46

Middle Channel / 15MHz / QPSK



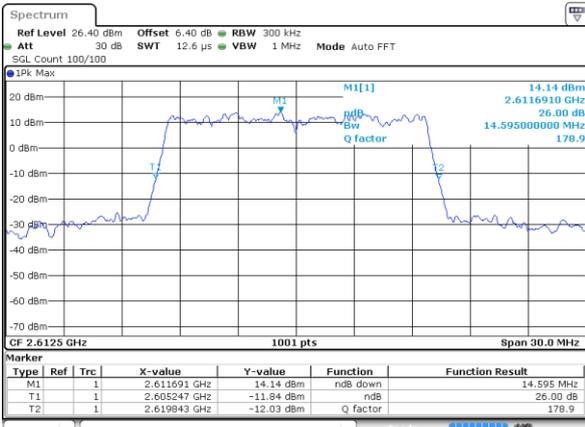
Date: 2 JUN 2019 07:31:16

Middle Channel / 15MHz / 16QAM



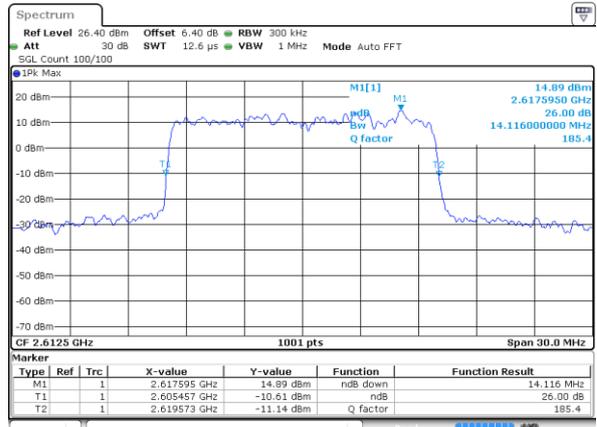
Date: 2 JUN 2019 07:31:26

Highest Channel / 15MHz / QPSK



Date: 2 JUN 2019 07:31:57

Highest Channel / 15MHz / 16QAM

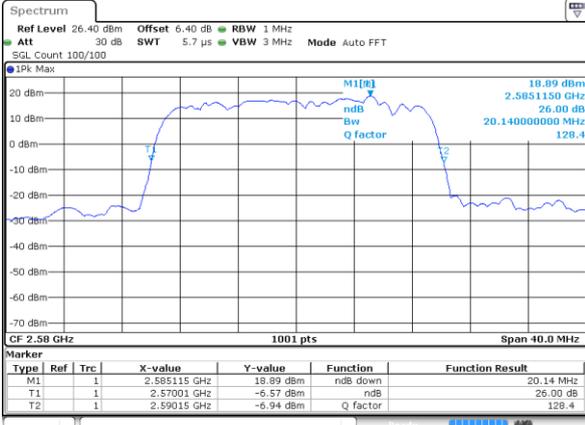


Date: 2 JUN 2019 07:32:07



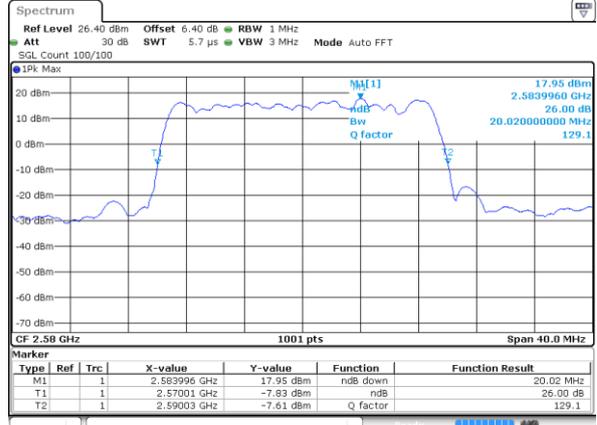
LTE Band 38

Lowest Channel / 20MHz / QPSK



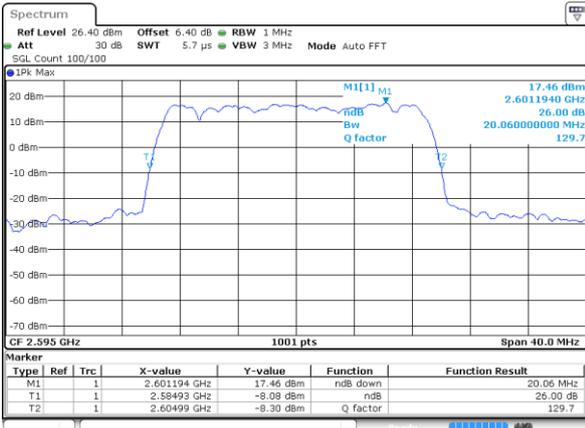
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Lowest Channel / 20MHz / 16QAM



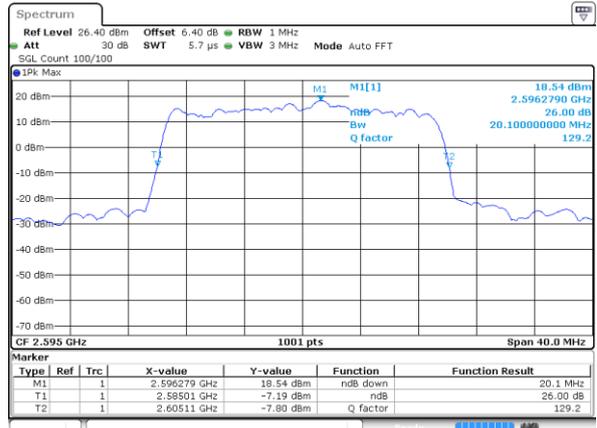
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Middle Channel / 20MHz / QPSK



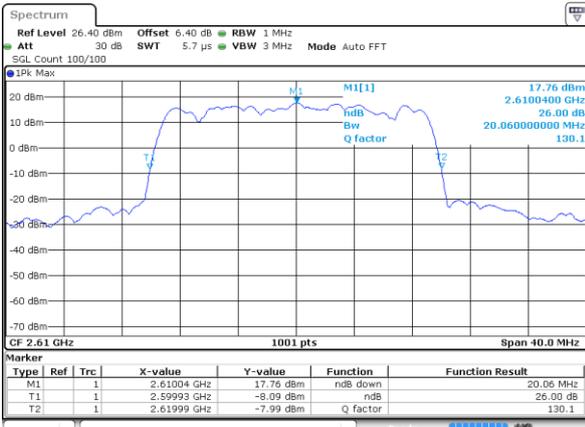
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Middle Channel / 20MHz / 16QAM



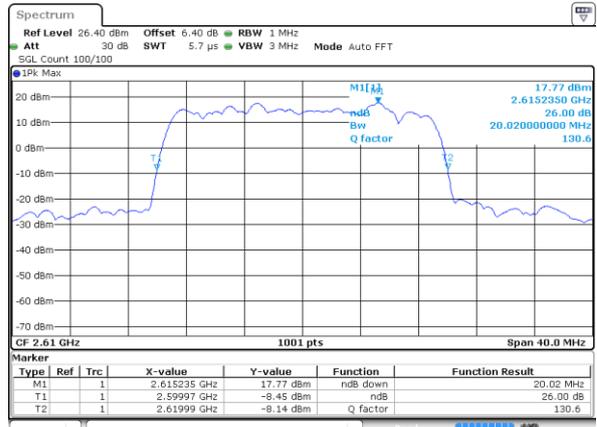
Date: 2 JUN 2019 07:33:27

Highest Channel / 20MHz / QPSK



Date: 2 JUN 2019 07:33:57

Highest Channel / 20MHz / 16QAM



Date: 2 JUN 2019 07:34:07



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	1.09	1.09	2.70	2.72	4.51	4.50	9.09	9.03	13.37	13.46	18.34	18.34
Middle CH	1.09	1.10	2.72	2.74	4.48	4.47	9.01	9.01	13.40	13.43	18.22	18.22
Highest CH	1.10	1.09	2.72	2.70	4.51	4.47	8.97	8.97	13.40	13.40	18.34	18.30

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	2.70	2.74	4.49	4.50	8.97	8.95	13.43	13.37	18.30	18.10
Middle CH	1.09	1.10	2.72	2.73	4.48	4.49	8.99	8.99	13.37	13.37	18.34	18.18
Highest CH	1.10	1.10	2.72	2.71	4.49	4.47	9.03	8.97	13.40	13.43	18.30	18.26

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	1.10	1.09	2.72	2.75	4.50	4.50	9.01	8.99				
Middle CH	1.09	1.09	2.72	2.74	4.51	4.50	9.05	8.99				
Highest CH	1.10	1.09	2.73	2.74	4.52	4.49	8.99	9.03				

Mode	LTE Band 7 : 99%OBW(MHz)											
	5MHz		10MHz		15MHz		20MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	4.49	4.49	8.99	9.05	13.40	13.34	18.26	18.26				
Middle CH	4.52	4.49	8.99	8.99	13.55	13.46	18.34	18.06				
Highest CH	4.48	4.50	9.01	9.01	13.43	13.40	18.22	18.38				

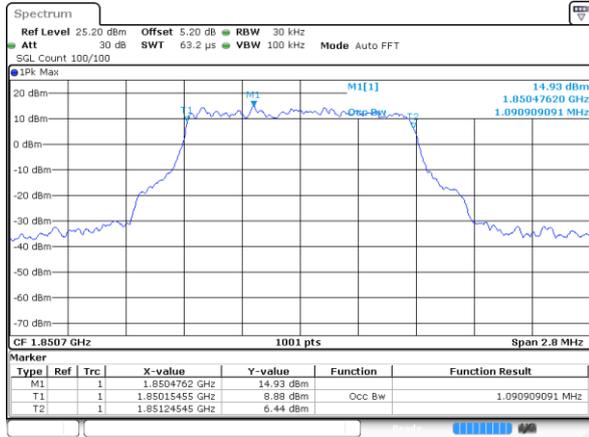


Mode	LTE Band 38 : 99%OBW(MHz)											
	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH					4.51	4.49	9.03	8.95	13.40	13.43	18.30	18.10
Middle CH					4.49	4.49	8.95	8.97	13.43	13.43	18.42	18.18
Highest CH					4.54	4.46	9.05	8.95	13.43	13.40	18.22	18.06



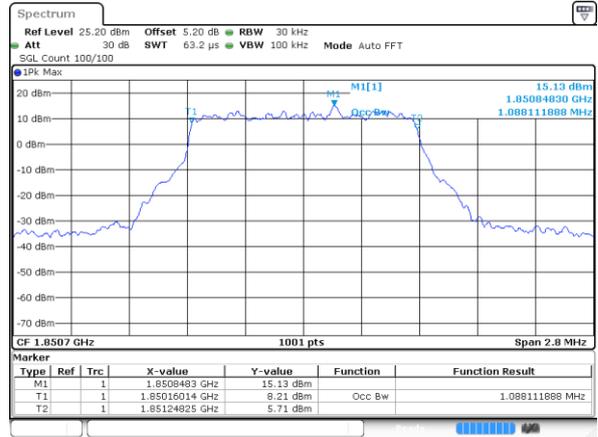
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



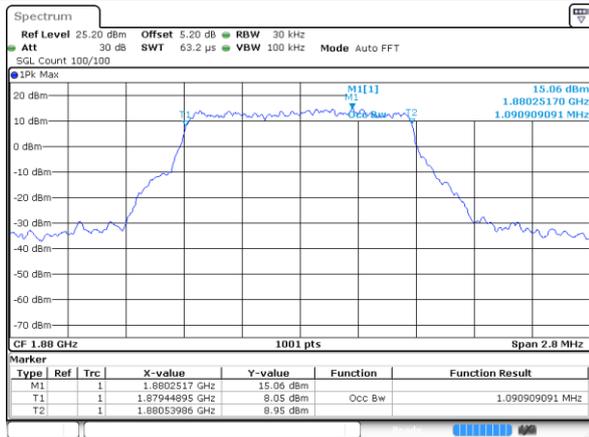
Date: 27 MAY 2019 22:39:22

Lowest Channel / 1.4MHz / 16QAM



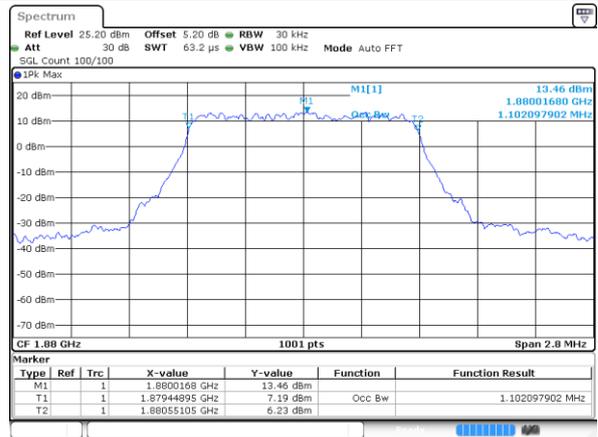
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Middle Channel / 1.4MHz / QPSK



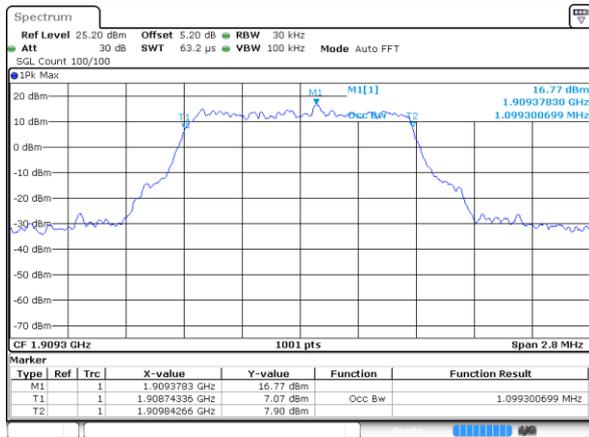
Date: 27 MAY 2019 22:48:11

Middle Channel / 1.4MHz / 16QAM



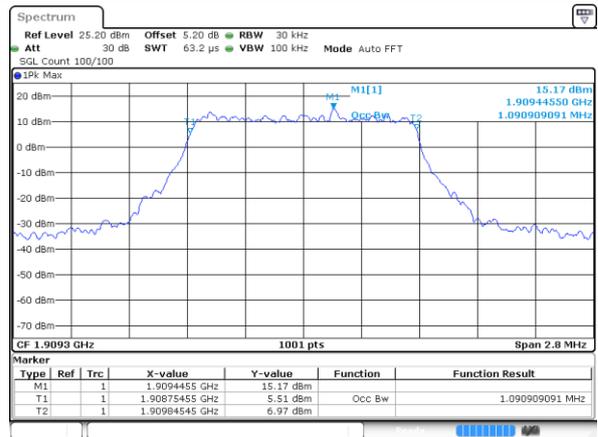
Date: 27 MAY 2019 22:48:21

Highest Channel / 1.4MHz / QPSK



Date: 27 MAY 2019 22:50:41

Highest Channel / 1.4MHz / 16QAM

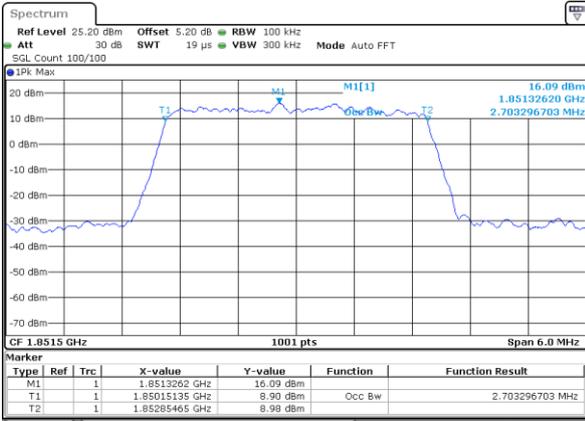


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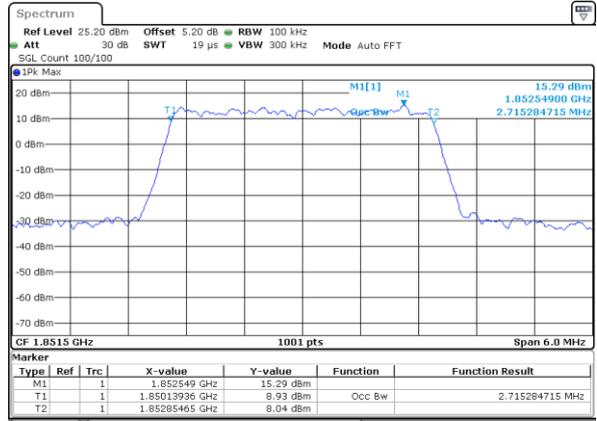
LTE Band 2

Lowest Channel / 3MHz / QPSK



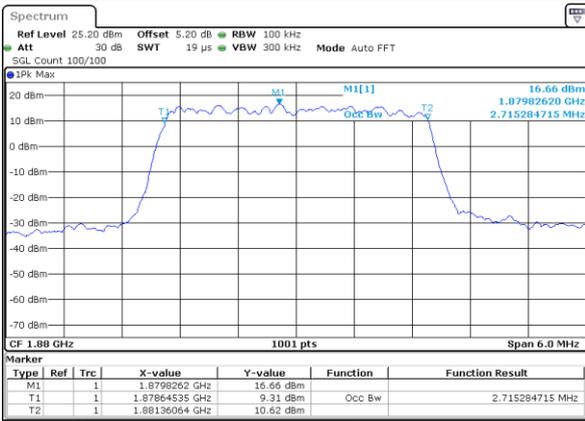
Date: 27 MAY 2019 22:57:40

Lowest Channel / 3MHz / 16QAM



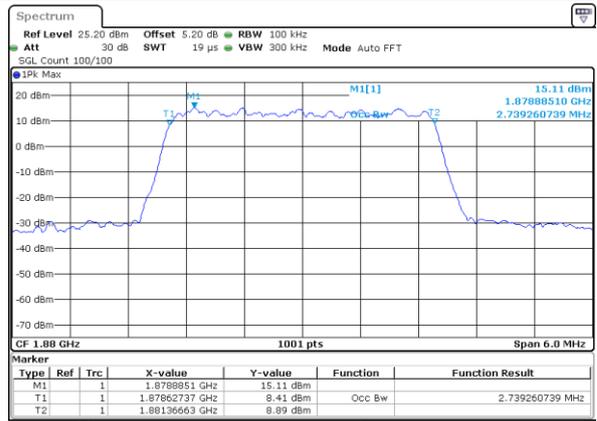
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Middle Channel / 3MHz / QPSK



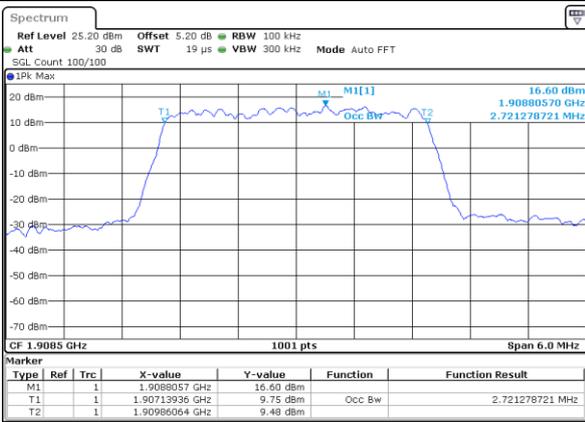
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Middle Channel / 3MHz / 16QAM



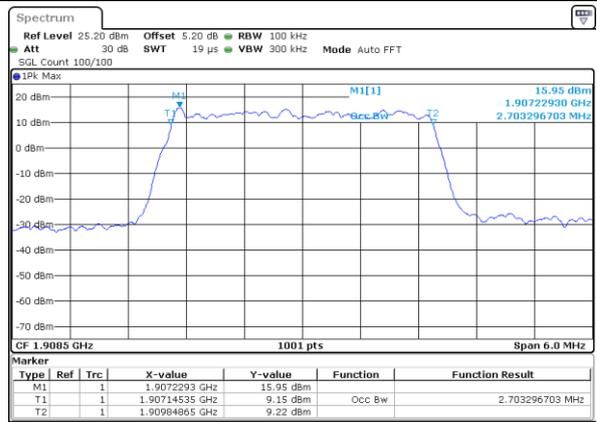
Date: 27 MAY 2019 23:04:50

Highest Channel / 3MHz / QPSK



Date: 27 MAY 2019 23:07:10

Highest Channel / 3MHz / 16QAM

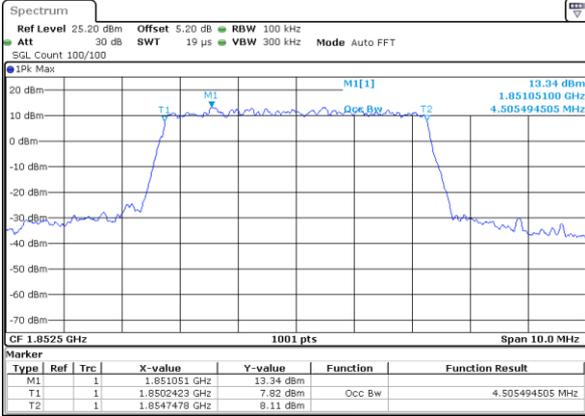


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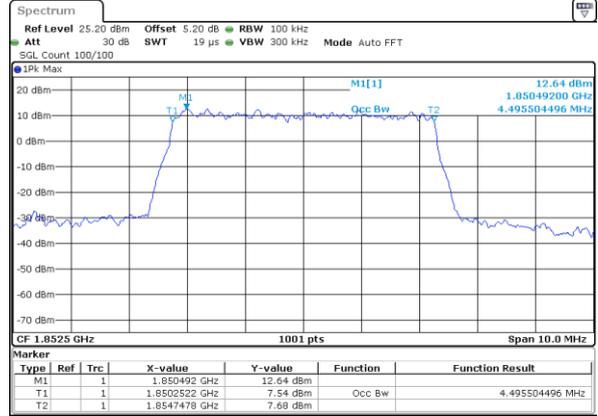
LTE Band 2

Lowest Channel / 5MHz / QPSK



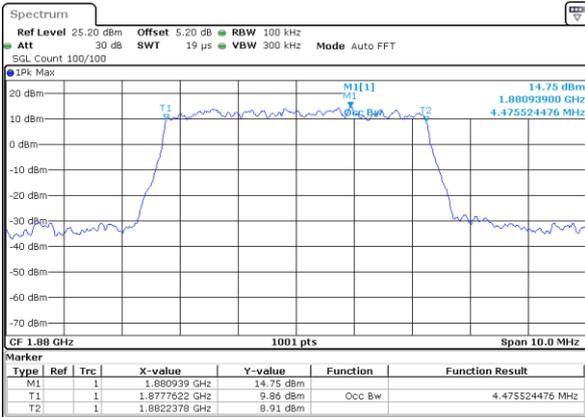
Date: 27 MAY 2019 23:14:09

Lowest Channel / 5MHz / 16QAM



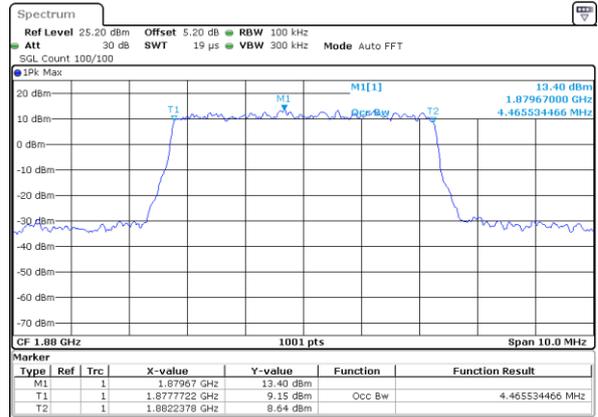
Date: 27 MAY 2019 23:14:19

Middle Channel / 5MHz / QPSK



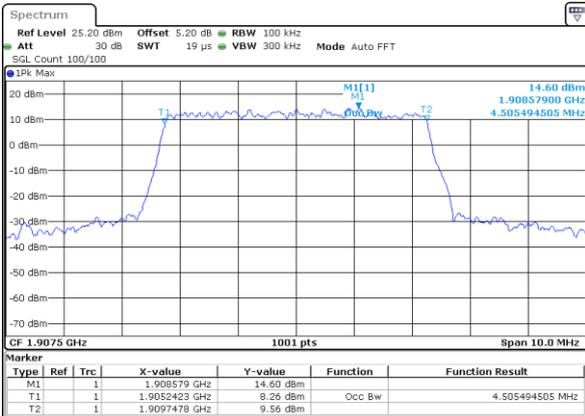
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Middle Channel / 5MHz / 16QAM



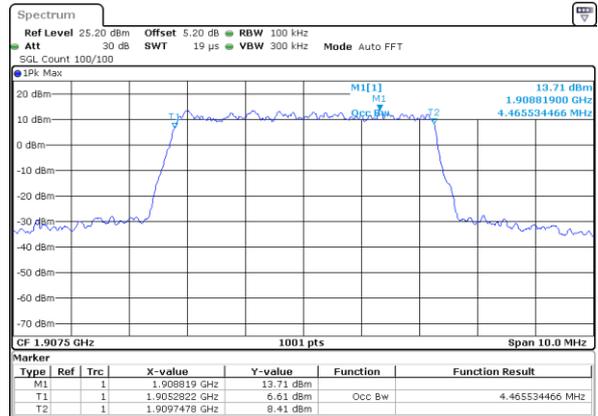
Date: 27 MAY 2019 23:21:19

Highest Channel / 5MHz / QPSK



Date: 27 MAY 2019 23:23:39

Highest Channel / 5MHz / 16QAM

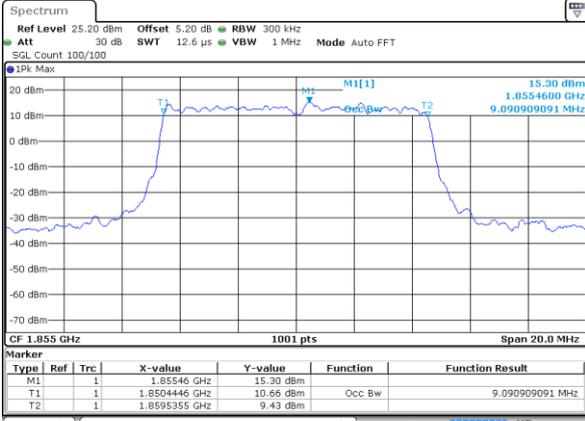


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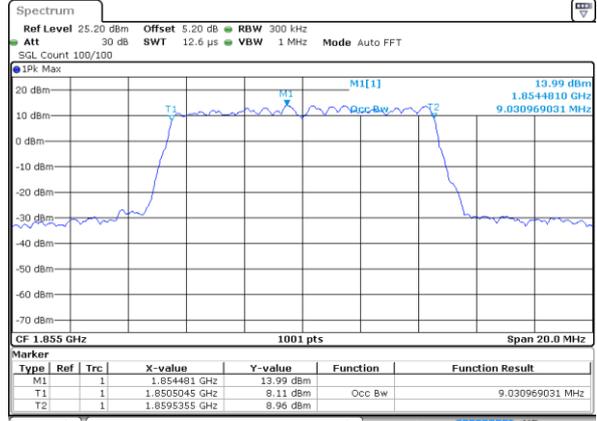
LTE Band 2

Lowest Channel / 10MHz / QPSK



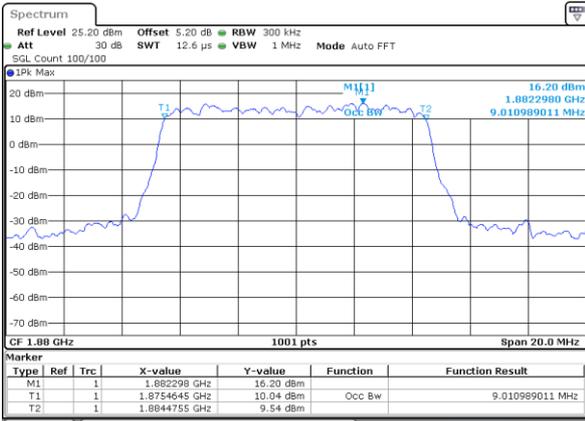
Date: 27 MAY 2019 23:30:39

Lowest Channel / 10MHz / 16QAM



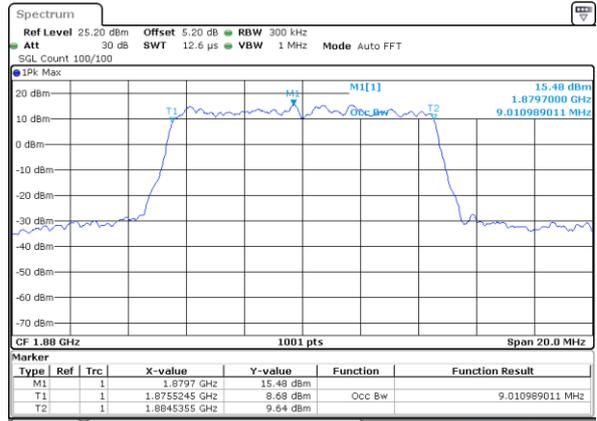
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Middle Channel / 10MHz / QPSK



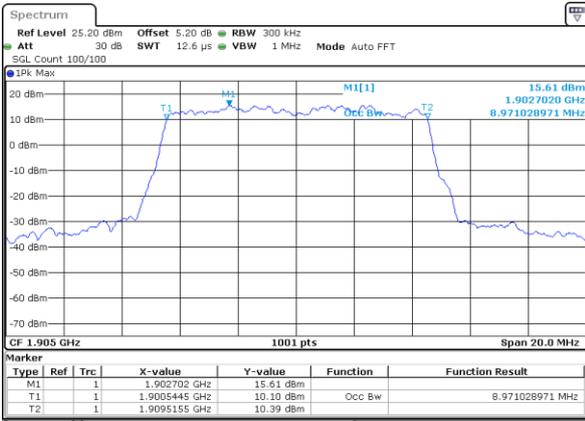
Date: 27 MAY 2019 23:37:38

Middle Channel / 10MHz / 16QAM



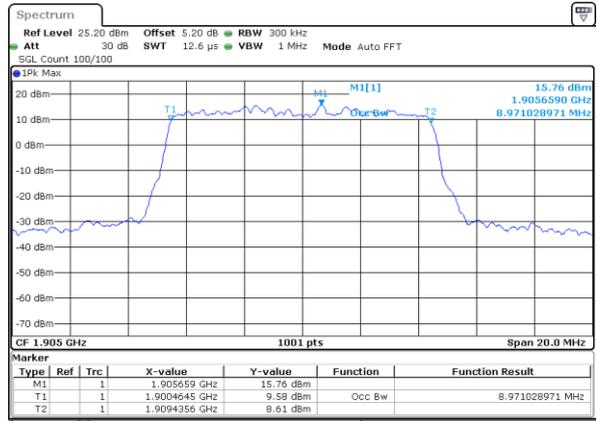
Date: 27 MAY 2019 23:37:48

Highest Channel / 10MHz / QPSK



Date: 27 MAY 2019 23:40:08

Highest Channel / 10MHz / 16QAM

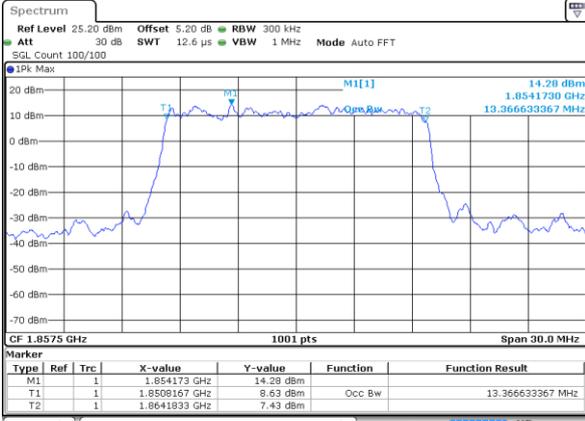


Date: 27 MAY 2019 23:40:18



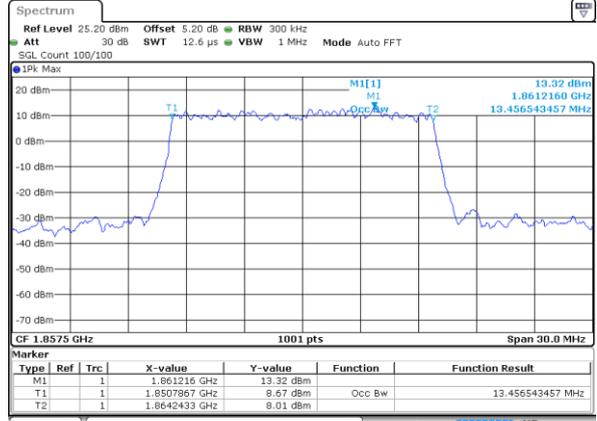
LTE Band 2

Lowest Channel / 15MHz / QPSK



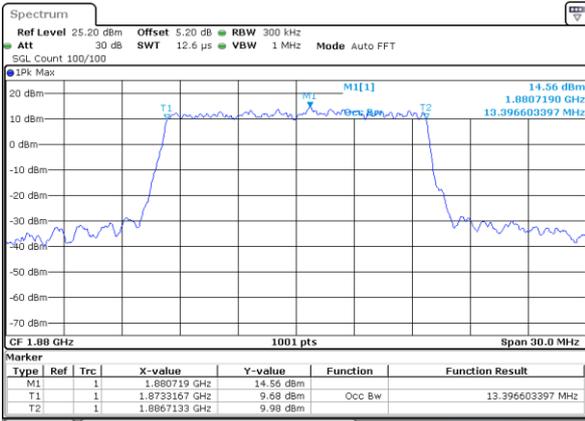
Date: 27 MAY 2019 23:47:07

Lowest Channel / 15MHz / 16QAM



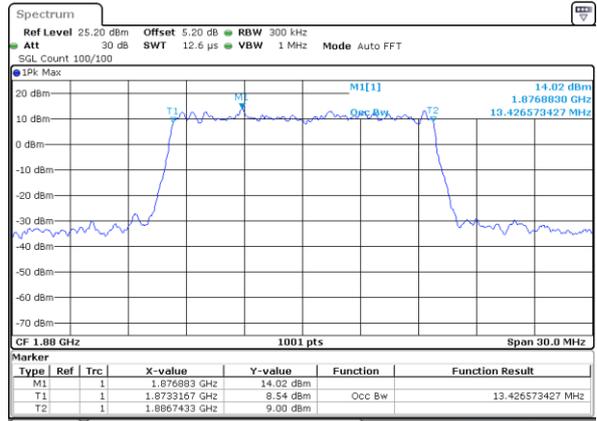
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Middle Channel / 15MHz / QPSK



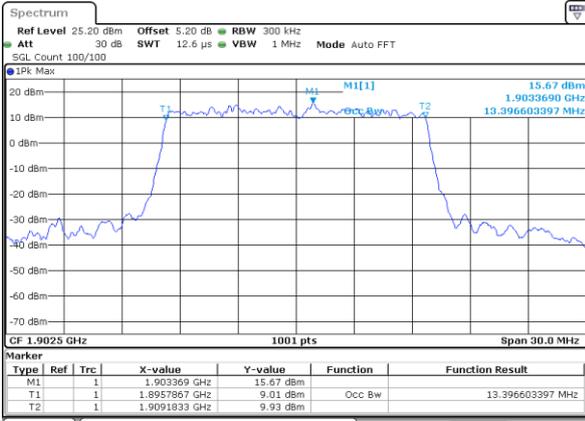
Date: 27 MAY 2019 23:54:07

Middle Channel / 15MHz / 16QAM



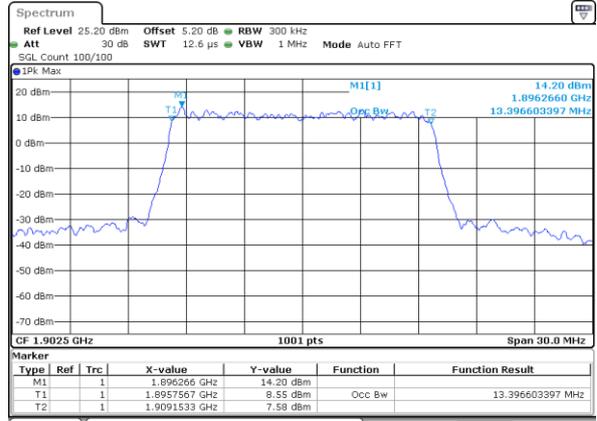
Date: 27 MAY 2019 23:54:17

Highest Channel / 15MHz / QPSK



Date: 27 MAY 2019 23:56:37

Highest Channel / 15MHz / 16QAM

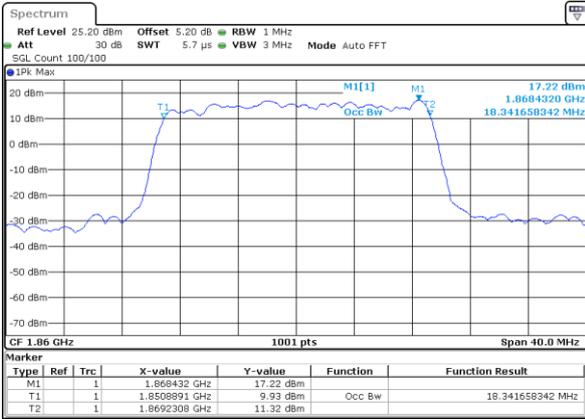


Date: 27 MAY 2019 23:56:47



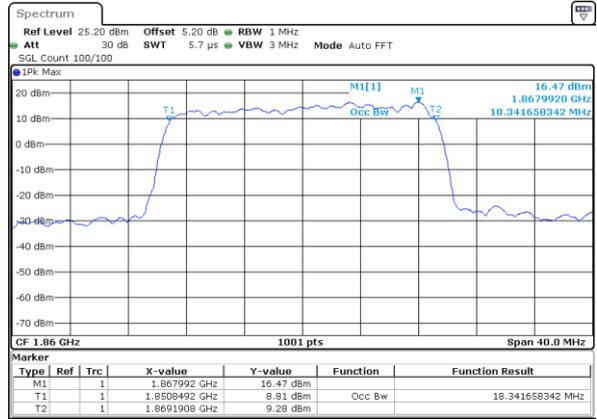
LTE Band 2

Lowest Channel / 20MHz / QPSK



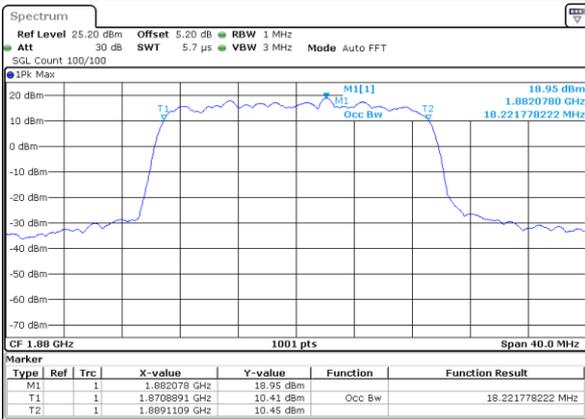
Date: 28 MAY 2019 00:03:37

Lowest Channel / 20MHz / 16QAM



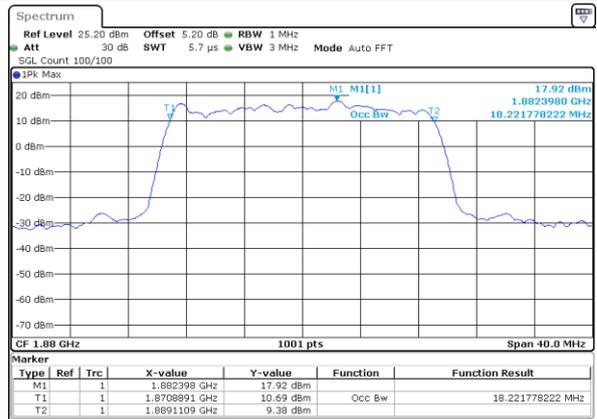
Date: 28 MAY 2019 00:03:47

Middle Channel / 20MHz / QPSK



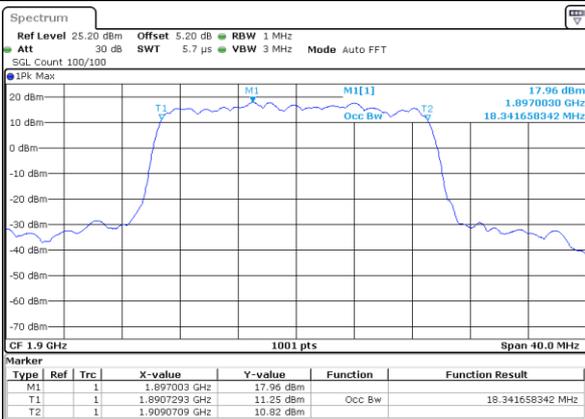
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Middle Channel / 20MHz / 16QAM



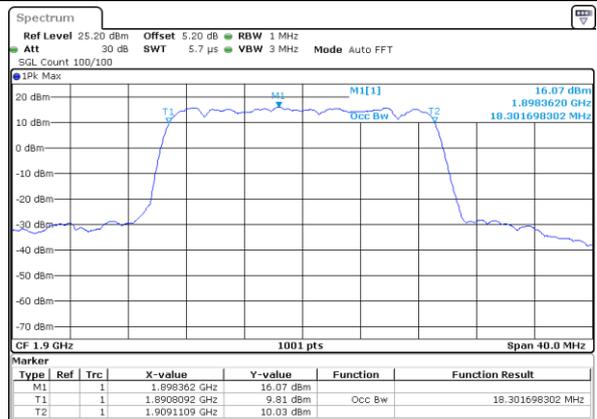
Date: 28 MAY 2019 00:10:46

Highest Channel / 20MHz / QPSK



Date: 28 MAY 2019 00:13:06

Highest Channel / 20MHz / 16QAM



Date: 28 MAY 2019 00:13:16

LTE Band 4