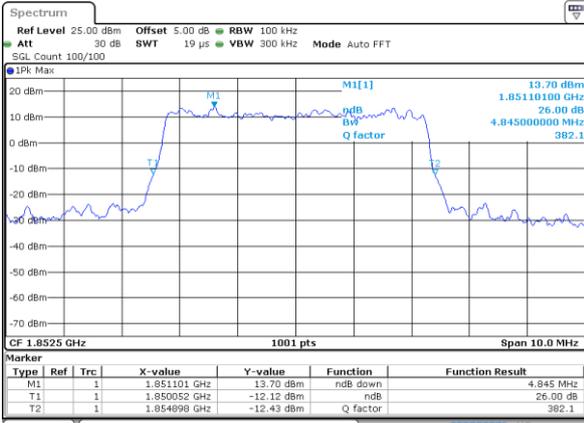


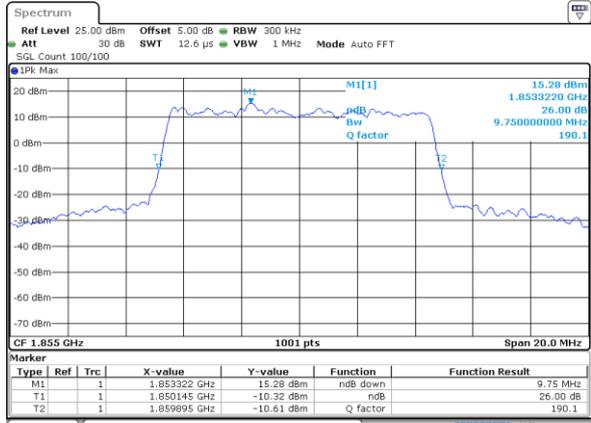


Lowest Channel / 5MHz / 64QAM



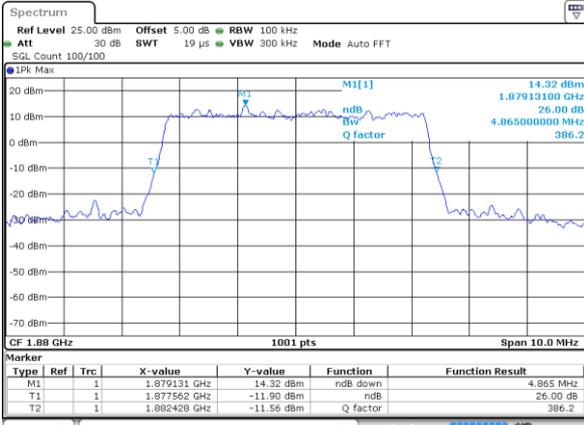
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Lowest Channel / 10MHz / 64QAM



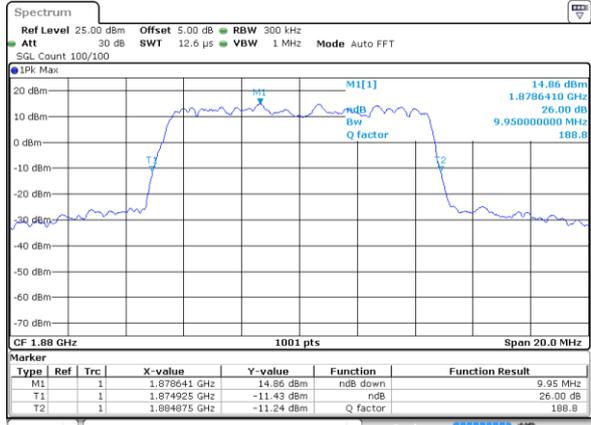
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Middle Channel / 5MHz / 64QAM



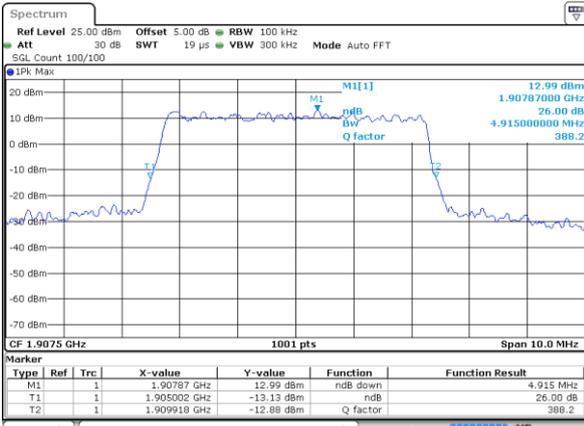
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Middle Channel / 10MHz / 64QAM



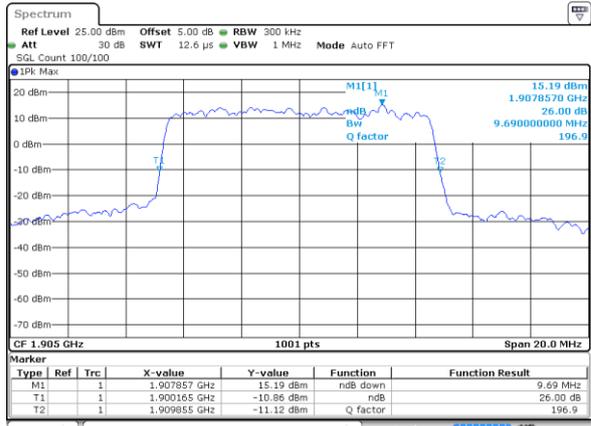
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Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 23:07:35

Highest Channel / 10MHz / 64QAM

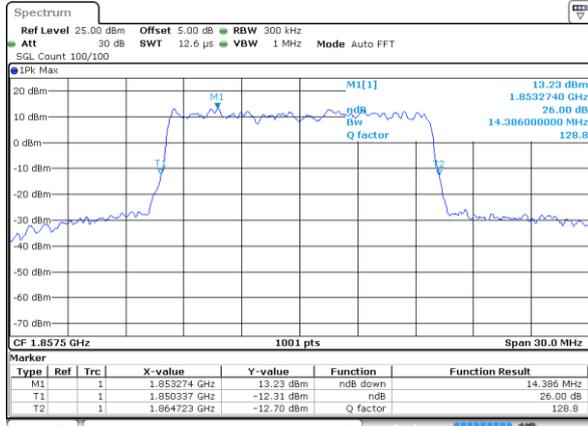


Date: 9 SEP 2018 23:08:07



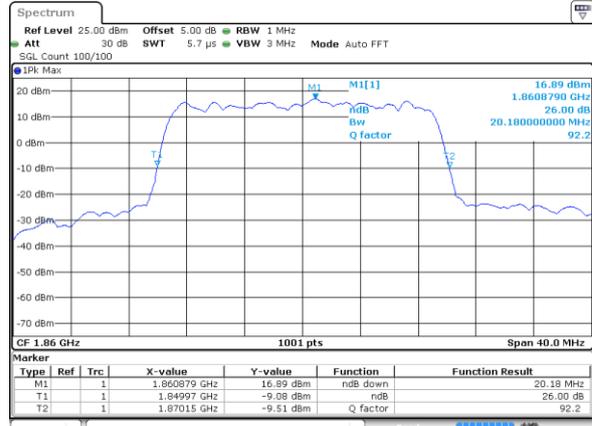
LTE Band 2

Lowest Channel / 15MHz / 64QAM



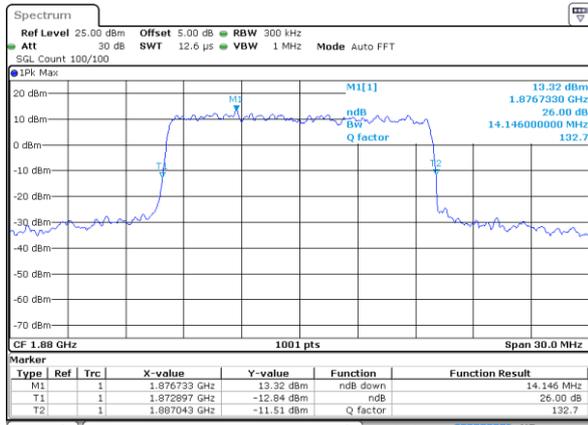
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Lowest Channel / 20MHz / 64QAM



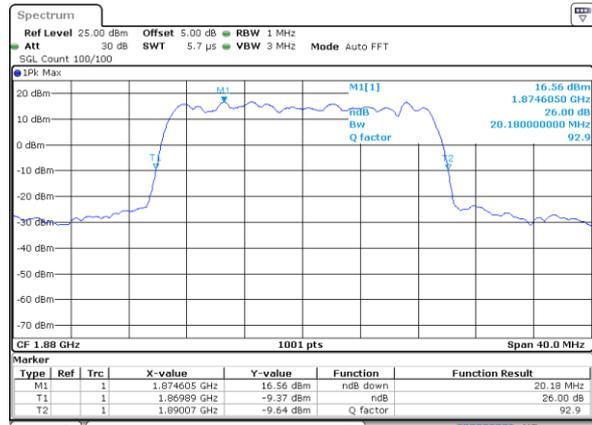
Date: 9 SEP 2018 23:08:49

Middle Channel / 15MHz / 64QAM



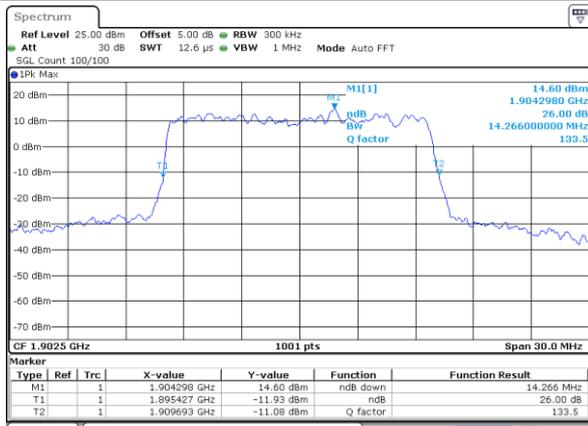
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Middle Channel / 20MHz / 64QAM



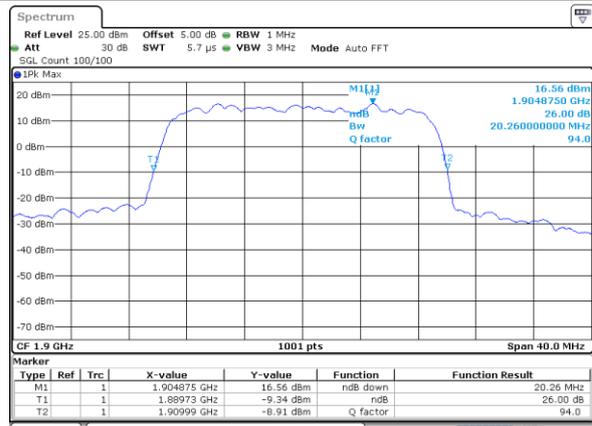
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Highest Channel / 15MHz / 64QAM



Date: 9 SEP 2018 23:08:38

Highest Channel / 20MHz / 64QAM

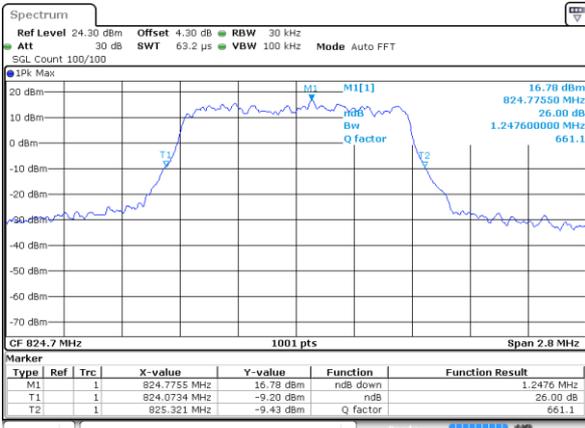


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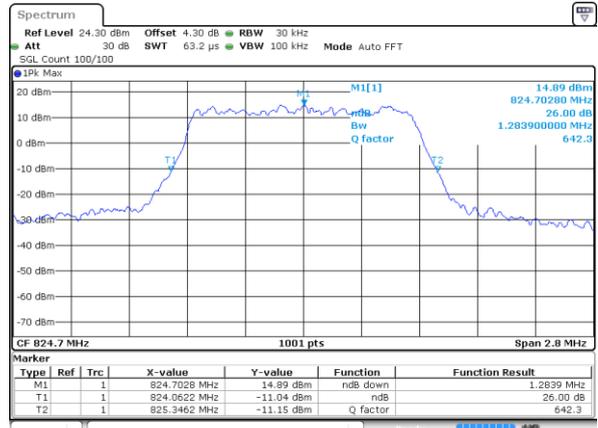
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



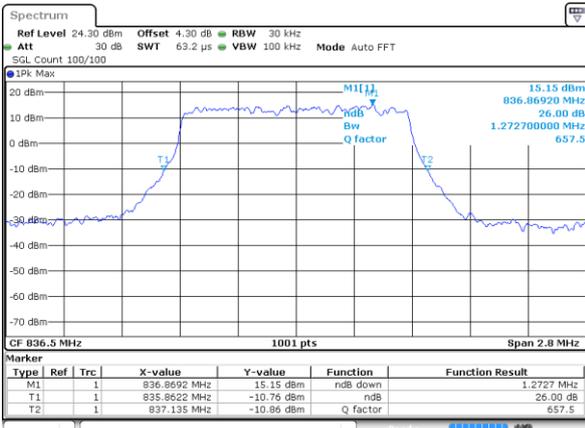
Date: 9 SEP 2018 10:28:34

Lowest Channel / 1.4MHz / 16QAM



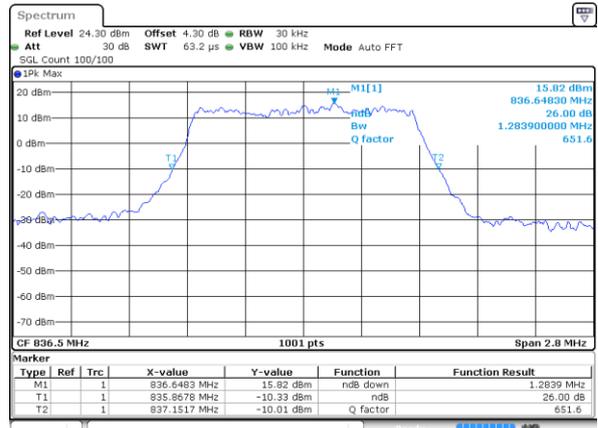
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Middle Channel / 1.4MHz / QPSK



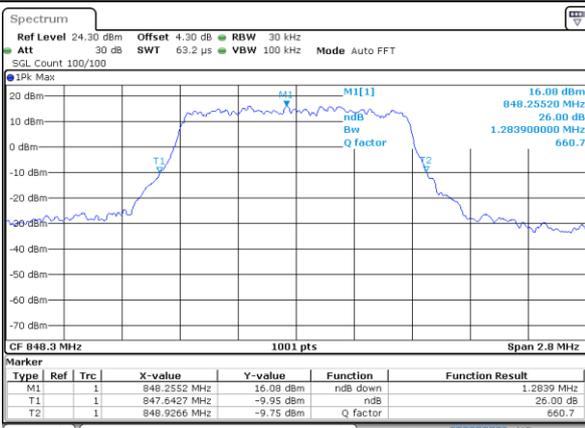
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Middle Channel / 1.4MHz / 16QAM



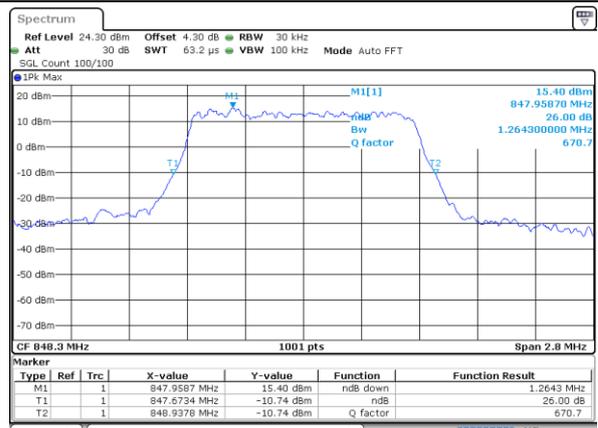
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Highest Channel / 1.4MHz / QPSK



Date: 9 SEP 2018 10:39:52

Highest Channel / 1.4MHz / 16QAM

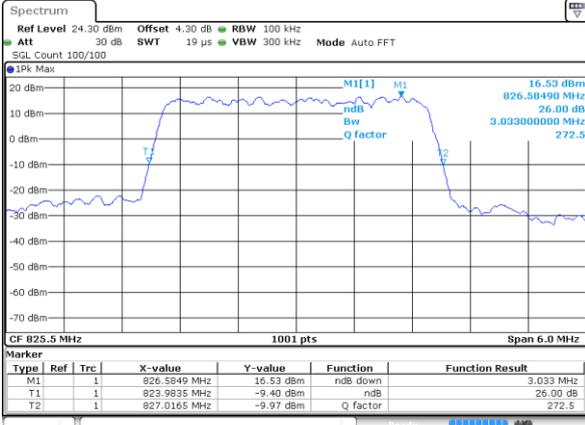


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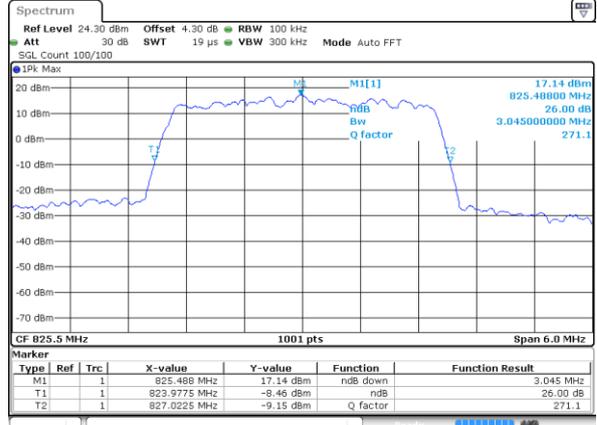
LTE Band 5

Lowest Channel / 3MHz / QPSK



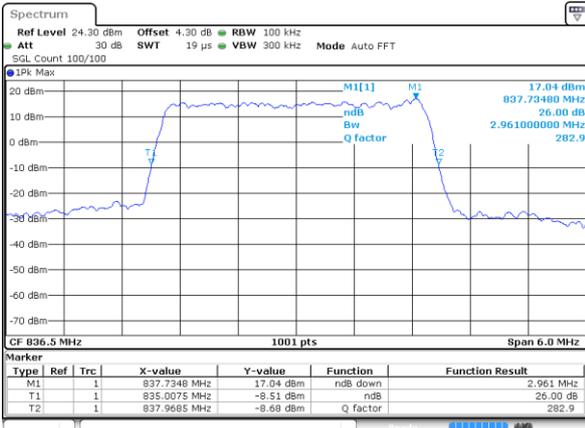
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Lowest Channel / 3MHz / 16QAM



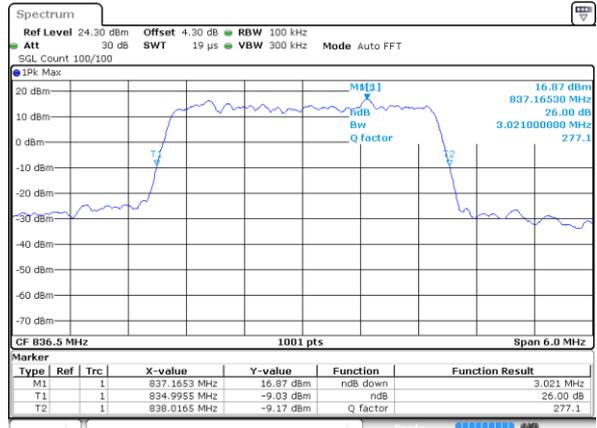
Date: 9 SEP 2018 10:49:01

Middle Channel / 3MHz / QPSK



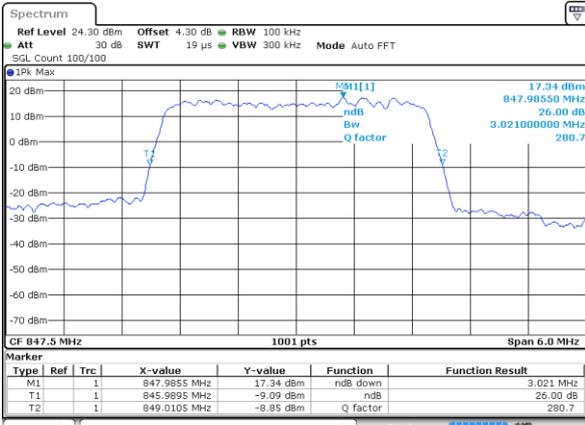
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Middle Channel / 3MHz / 16QAM



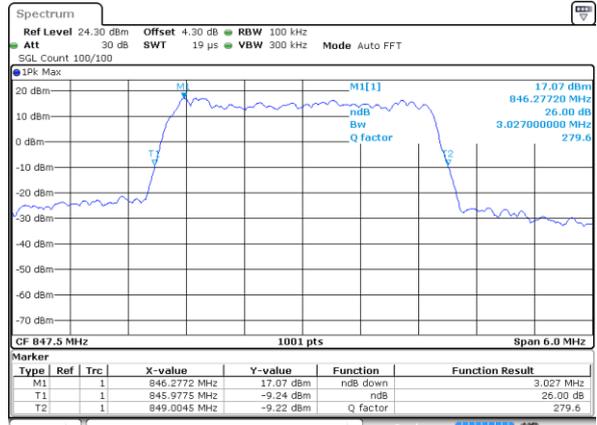
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Highest Channel / 3MHz / QPSK



Date: 9 SEP 2018 11:00:18

Highest Channel / 3MHz / 16QAM

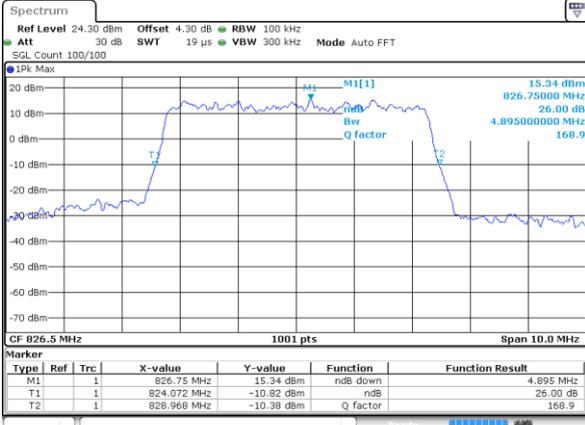


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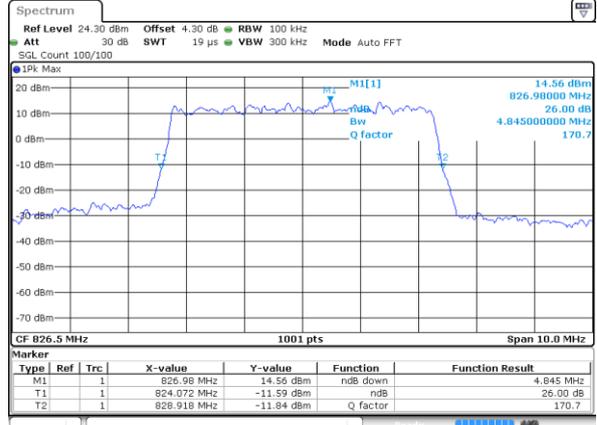
LTE Band 5

Lowest Channel / 5MHz / QPSK



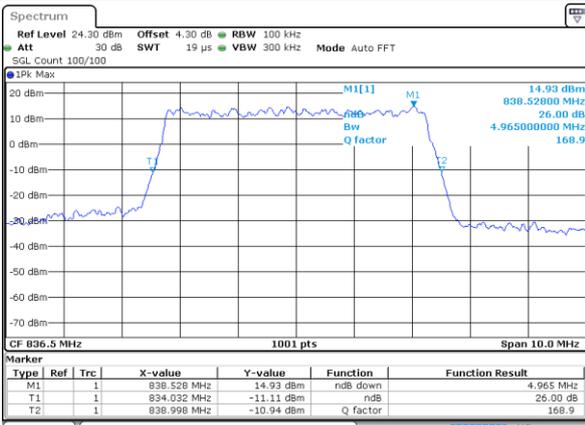
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Lowest Channel / 5MHz / 16QAM



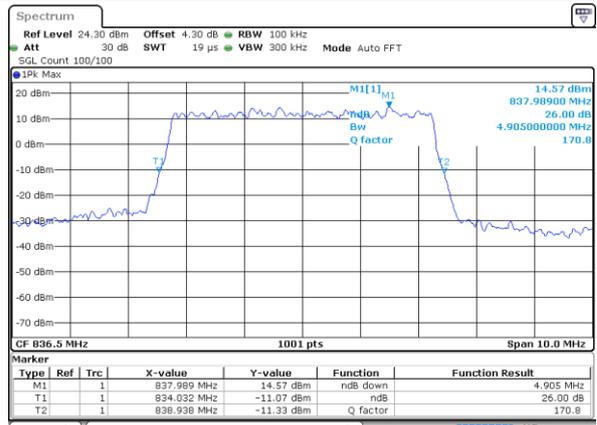
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Middle Channel / 5MHz / QPSK



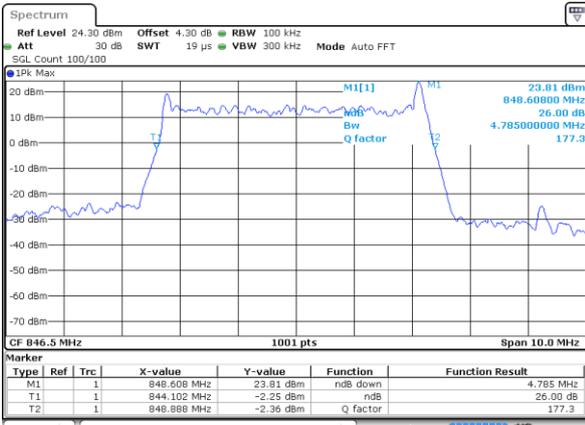
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Middle Channel / 5MHz / 16QAM



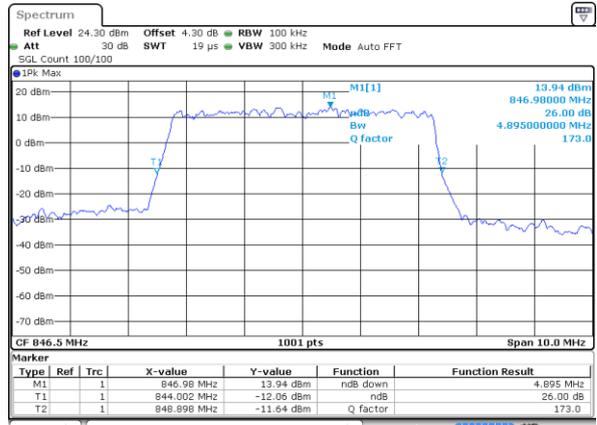
Date: 9 SEP 2018 11:18:25

Highest Channel / 5MHz / QPSK



Date: 9 SEP 2018 11:20:44

Highest Channel / 5MHz / 16QAM

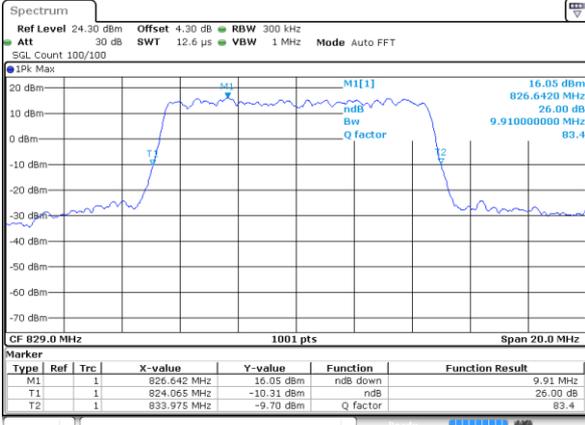


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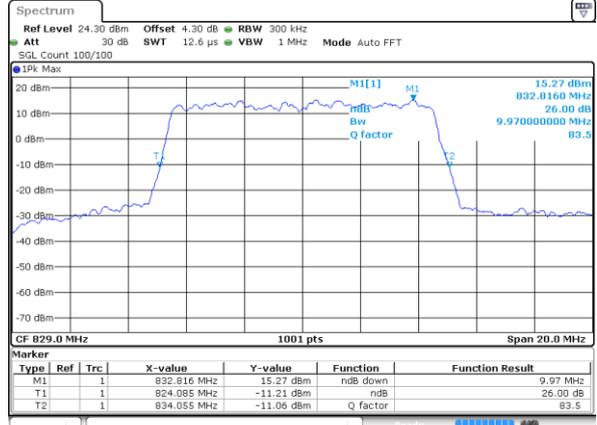
LTE Band 5

Lowest Channel / 10MHz / QPSK



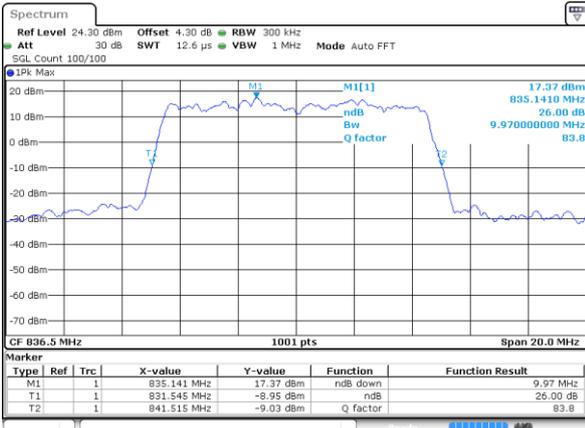
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Lowest Channel / 10MHz / 16QAM



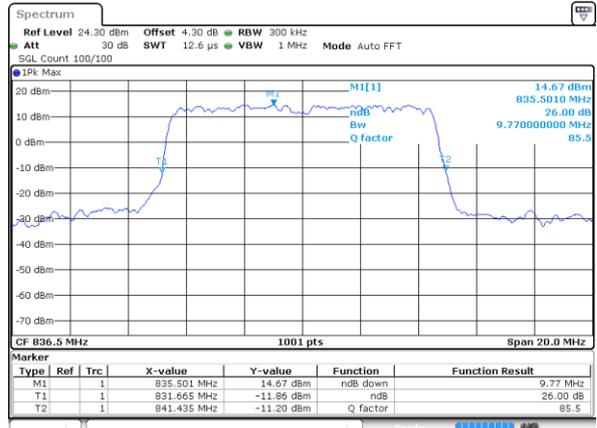
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Middle Channel / 10MHz / QPSK



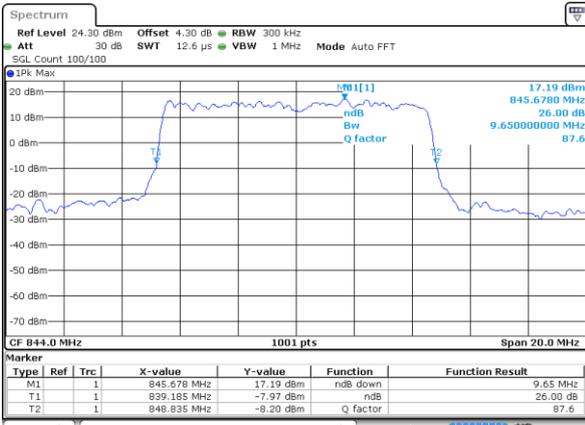
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Middle Channel / 10MHz / 16QAM



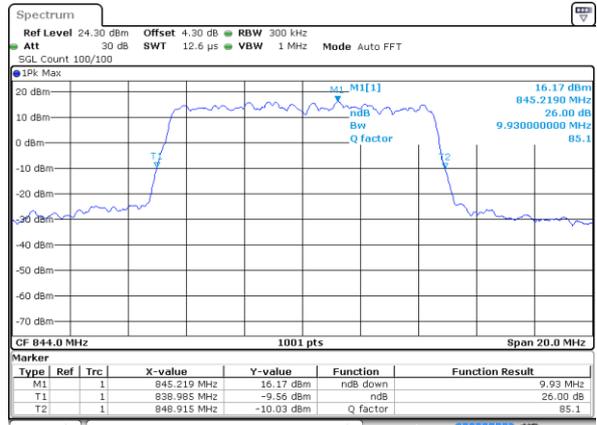
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Highest Channel / 10MHz / QPSK



Date: 9 SEP 2018 11:44:12

Highest Channel / 10MHz / 16QAM

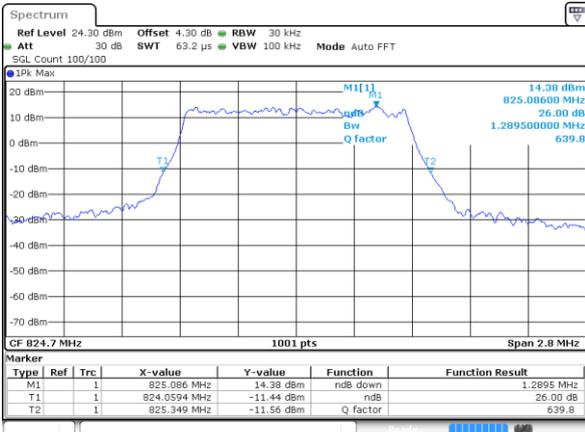


Date: 9 SEP 2018 11:44:22



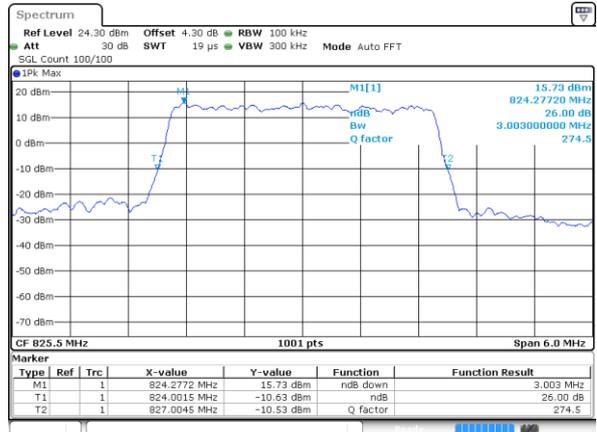
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



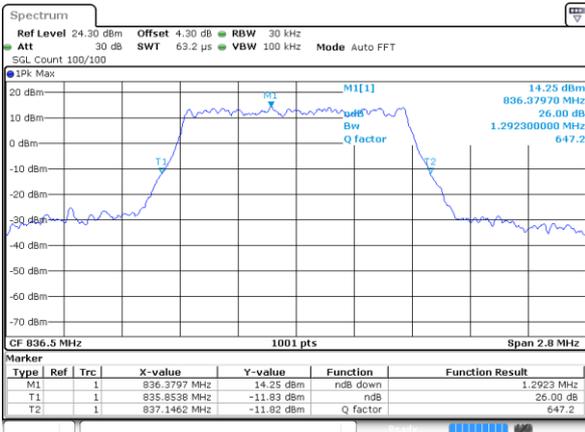
Date: 9 SEP 2018 13:02:30

Lowest Channel / 3MHz / 64QAM



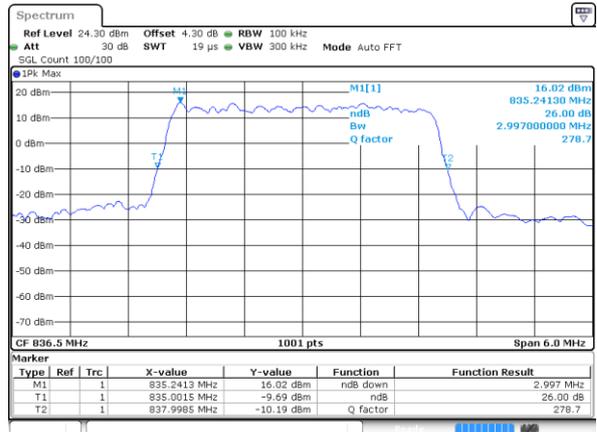
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Middle Channel / 1.4MHz / 64QAM



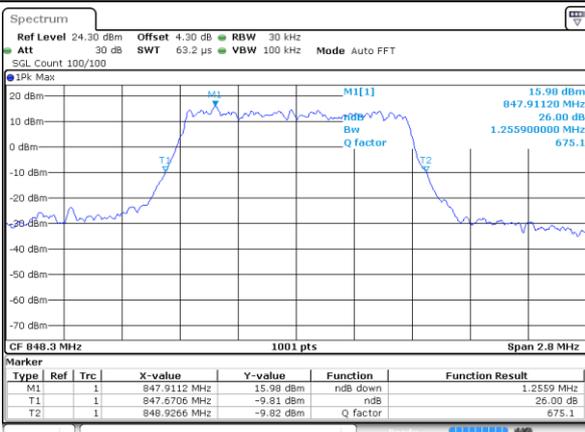
Date: 9 SEP 2018 13:07:00

Middle Channel / 3MHz / 64QAM



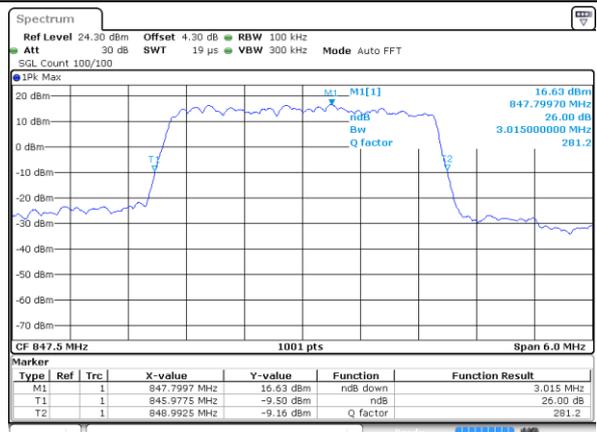
Date: 9 SEP 2018 13:17:13

Highest Channel / 1.4MHz / 64QAM



Date: 9 SEP 2018 13:08:14

Highest Channel / 3MHz / 64QAM

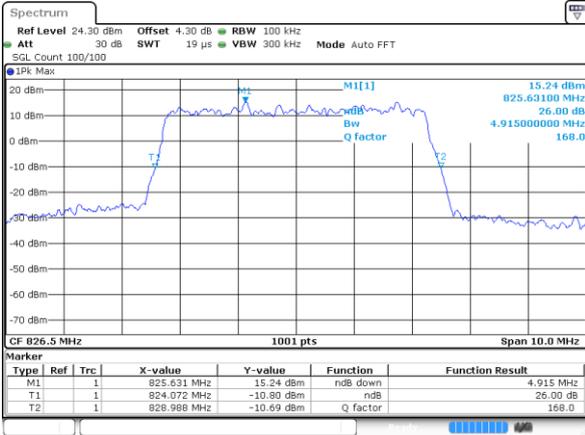


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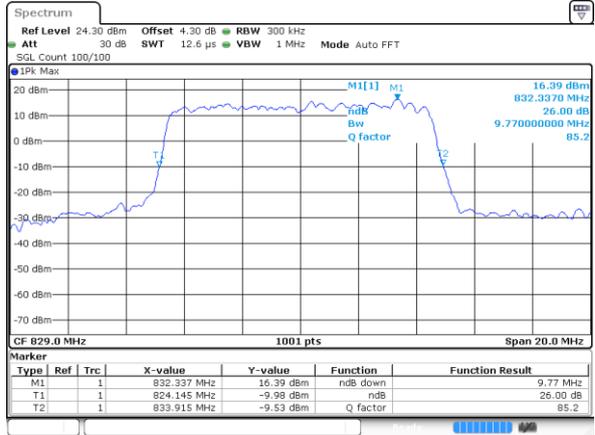
LTE Band 5

Lowest Channel / 5MHz / 64QAM



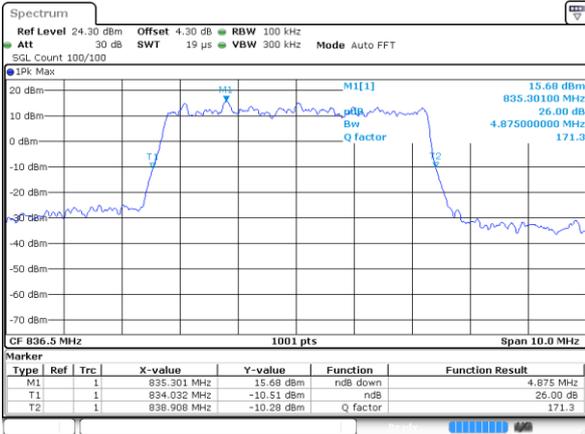
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Lowest Channel / 10MHz / 64QAM



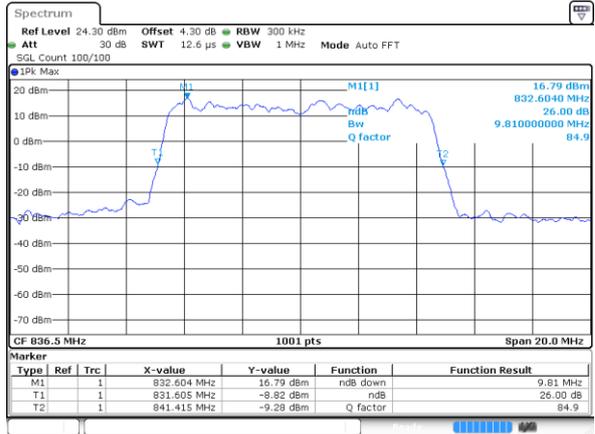
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Middle Channel / 5MHz / 64QAM



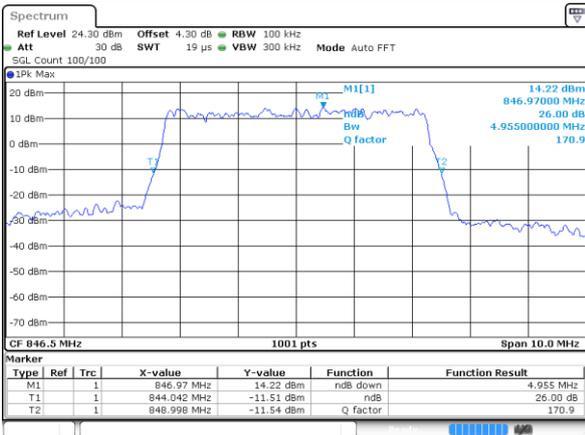
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Middle Channel / 10MHz / 64QAM



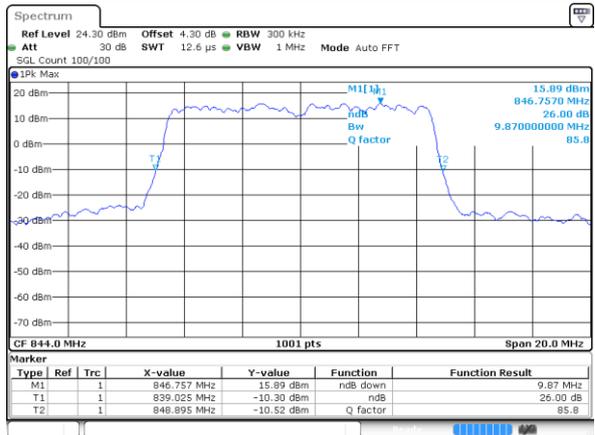
Date: 9 SEP 2018 13:37:39

Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 13:28:40

Highest Channel / 10MHz / 64QAM

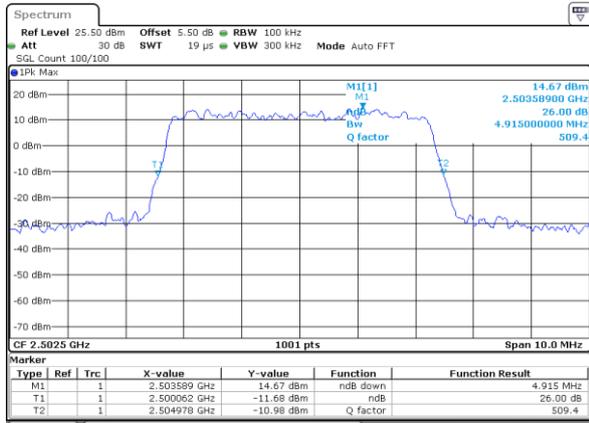


Date: 9 SEP 2018 13:38:53



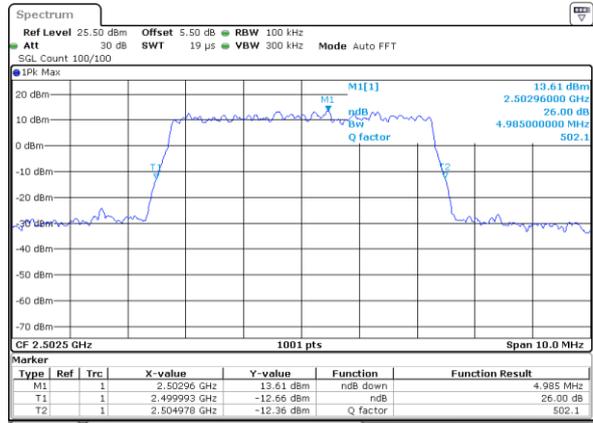
LTE Band 7

Lowest Channel / 5MHz / QPSK



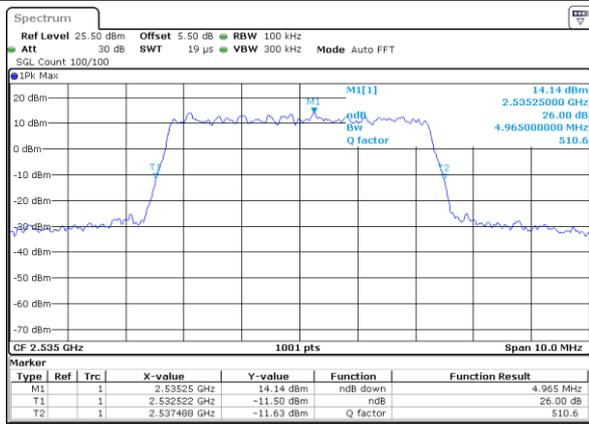
Date: 9 SEP 2018 15:01:13

Lowest Channel / 5MHz / 16QAM



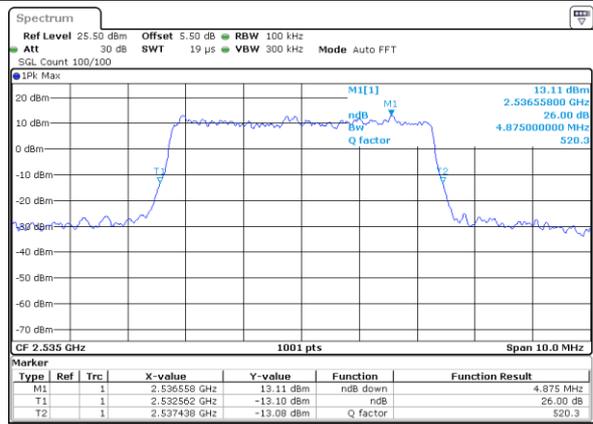
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Middle Channel / 5MHz / QPSK



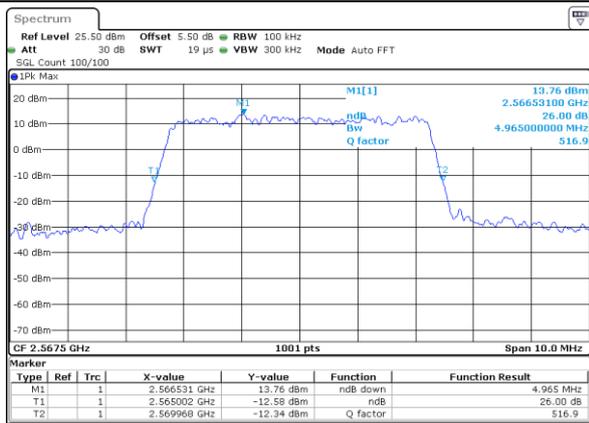
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Middle Channel / 5MHz / 16QAM



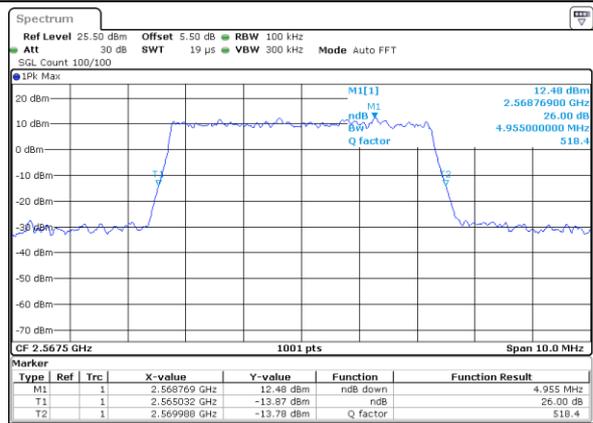
Date: 9 SEP 2018 15:10:11

Highest Channel / 5MHz / QPSK



Date: 9 SEP 2018 15:10:53

Highest Channel / 5MHz / 16QAM

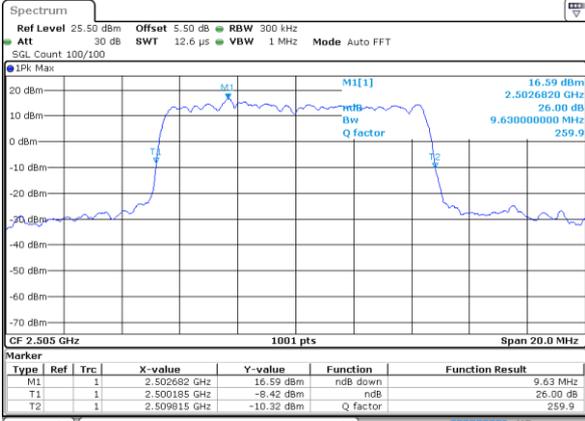


Date: 9 SEP 2018 15:11:15



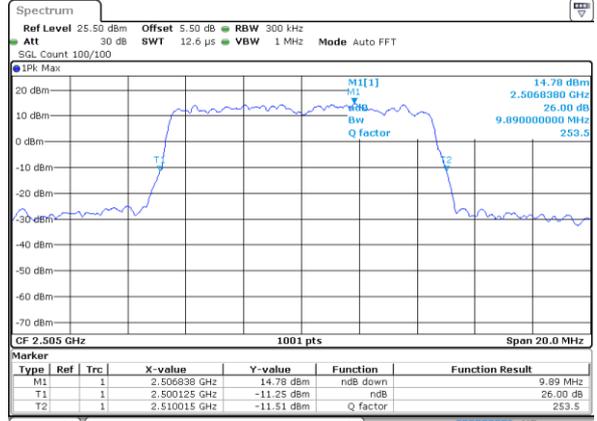
LTE Band 7

Lowest Channel / 10MHz / QPSK



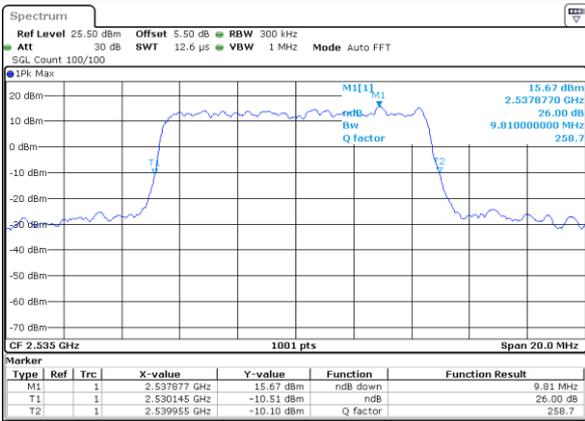
Date: 9 SEP 2018 15:18:00

Lowest Channel / 10MHz / 16QAM



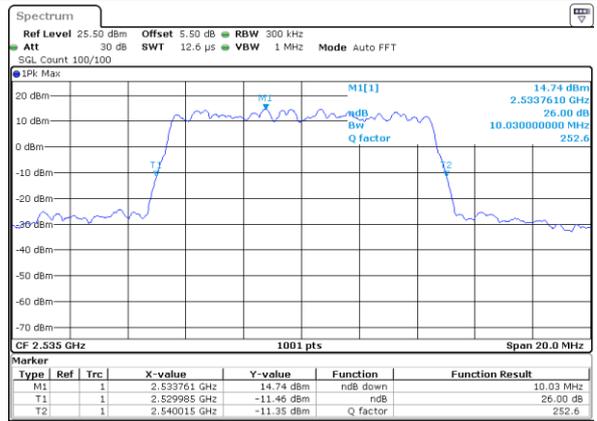
Date: 9 SEP 2018 15:18:21

Middle Channel / 10MHz / QPSK



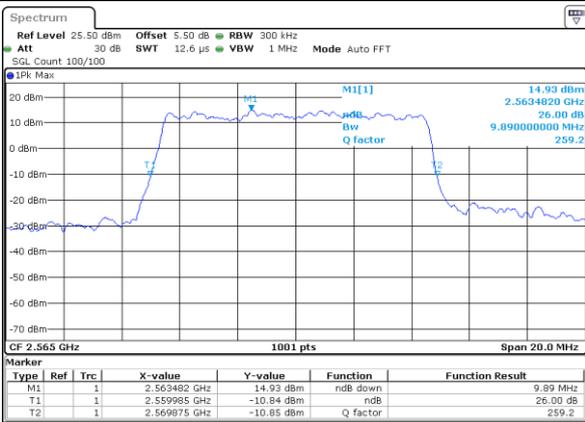
Date: 9 SEP 2018 15:27:19

Middle Channel / 10MHz / 16QAM



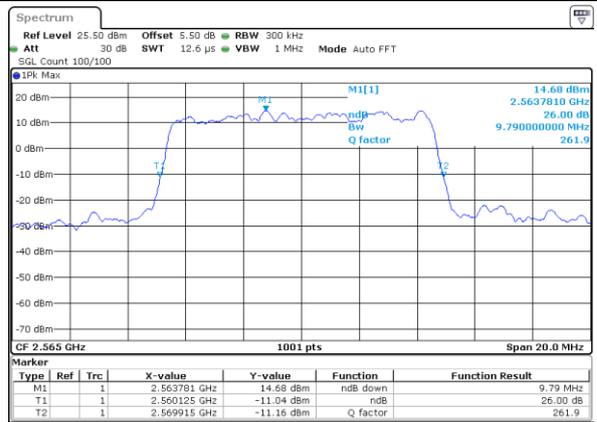
Date: 9 SEP 2018 15:26:58

Highest Channel / 10MHz / QPSK



Date: 9 SEP 2018 15:27:40

Highest Channel / 10MHz / 16QAM

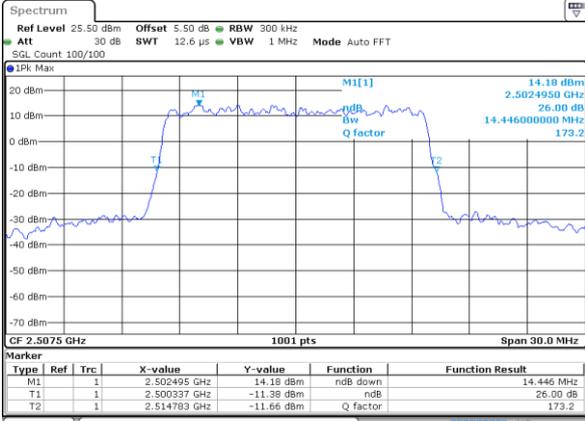


Date: 9 SEP 2018 15:28:01



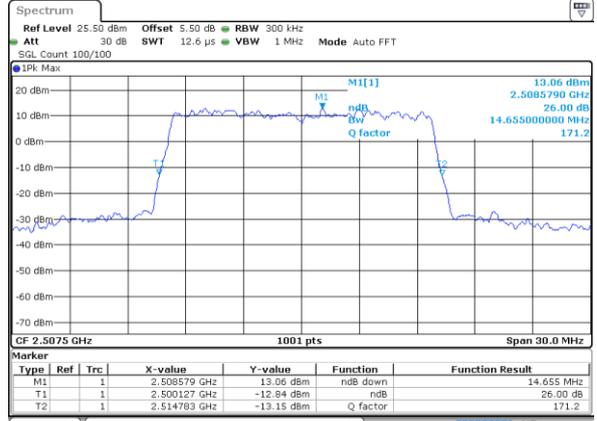
LTE Band 7

Lowest Channel / 15MHz / QPSK



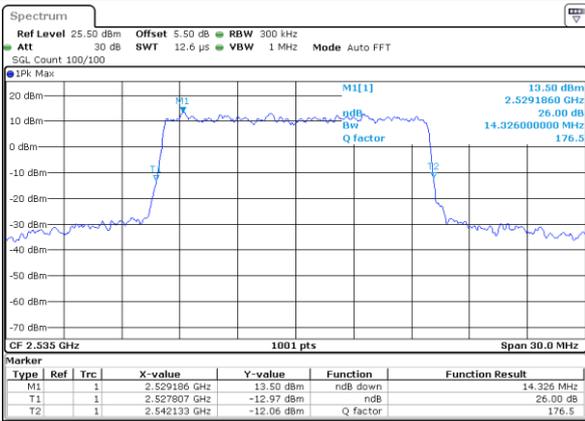
Date: 9 SEP 2018 15:34:47

Lowest Channel / 15MHz / 16QAM



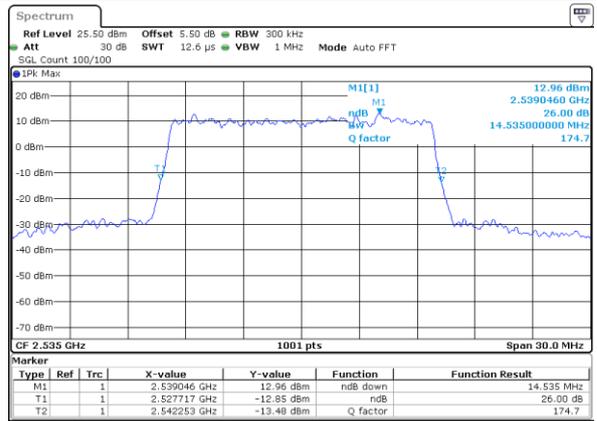
Date: 9 SEP 2018 15:35:08

Middle Channel / 15MHz / QPSK



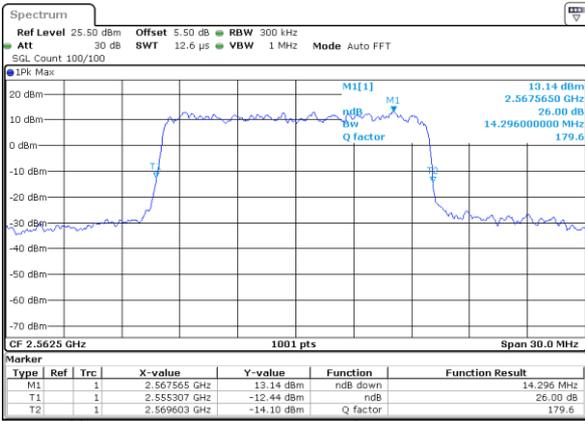
Date: 9 SEP 2018 15:44:06

Middle Channel / 15MHz / 16QAM



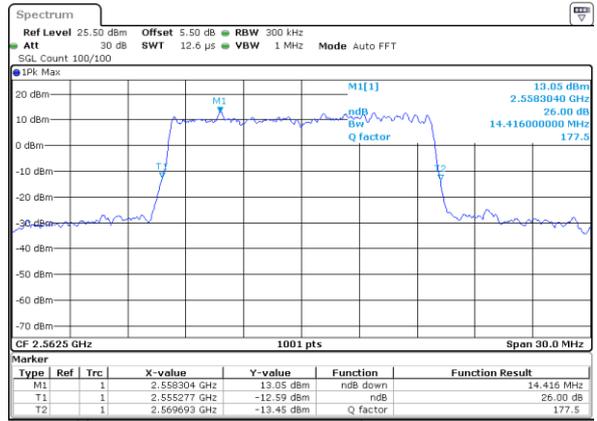
Date: 9 SEP 2018 15:43:45

Highest Channel / 15MHz / QPSK



Date: 9 SEP 2018 15:44:27

Highest Channel / 15MHz / 16QAM

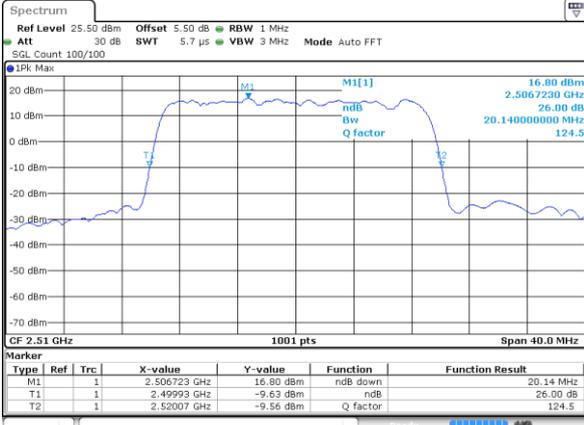


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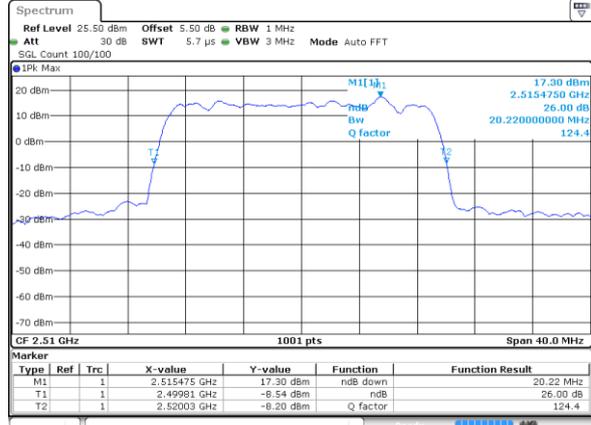
LTE Band 7

Lowest Channel / 20MHz / QPSK



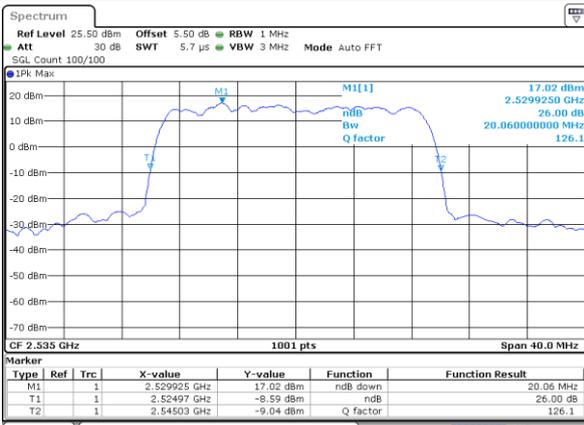
Date: 9 SEP 2018 15:51:34

Lowest Channel / 20MHz / 16QAM



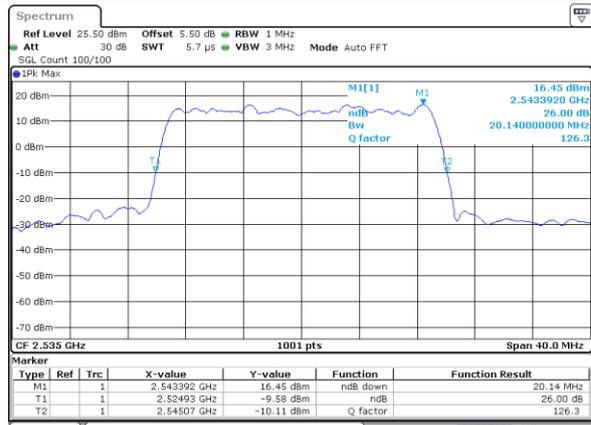
Date: 9 SEP 2018 15:51:55

Middle Channel / 20MHz / QPSK



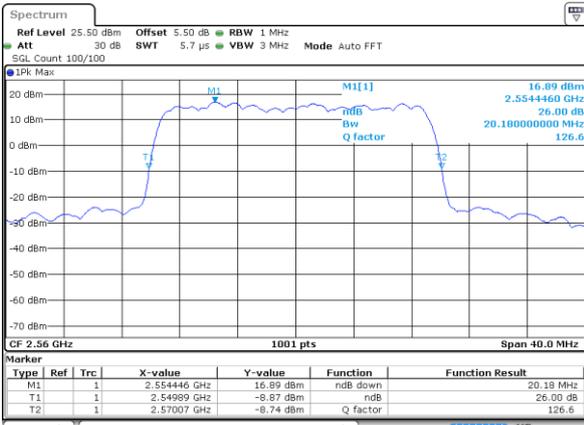
Date: 9 SEP 2018 16:00:53

Middle Channel / 20MHz / 16QAM



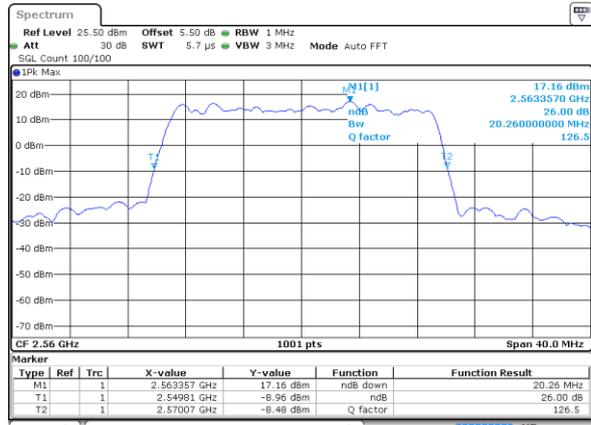
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Highest Channel / 20MHz / QPSK



Date: 9 SEP 2018 16:01:14

Highest Channel / 20MHz / 16QAM

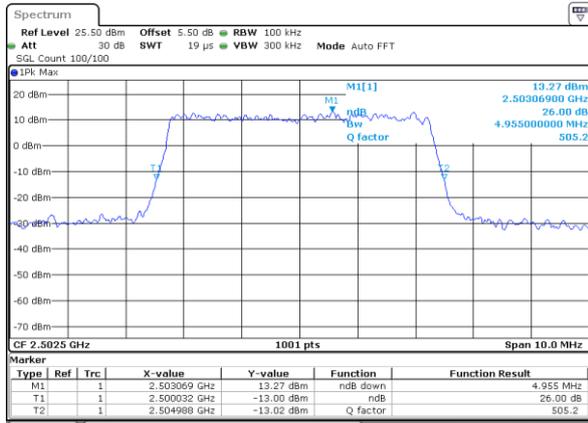


Date: 9 SEP 2018 16:01:35



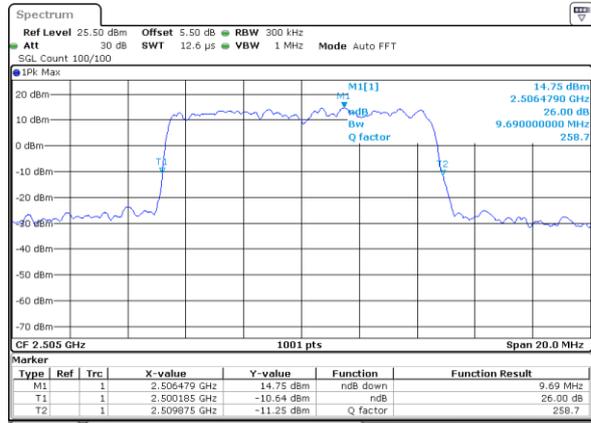
LTE Band 7

Lowest Channel / 5MHz / 64QAM



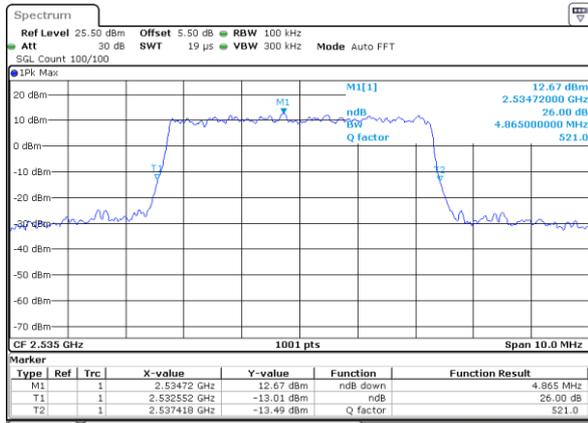
Date: 9 SEP 2018 16:35:56

Lowest Channel / 10MHz / 64QAM



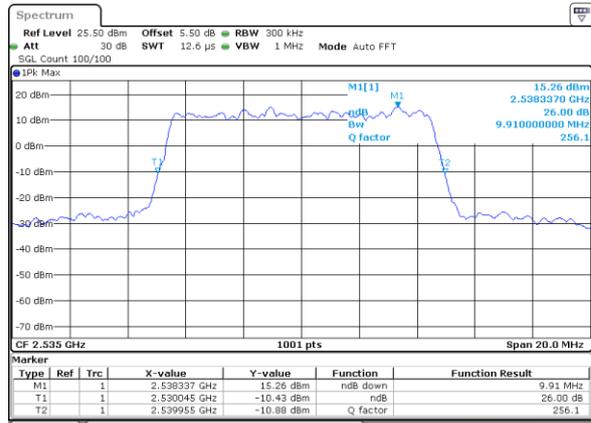
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Middle Channel / 5MHz / 64QAM



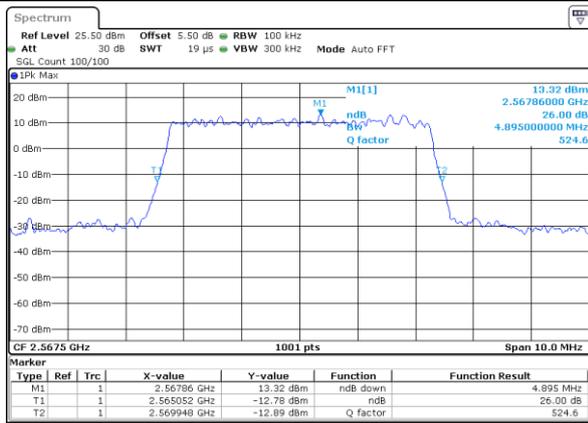
Date: 9 SEP 2018 16:36:17

Middle Channel / 10MHz / 64QAM



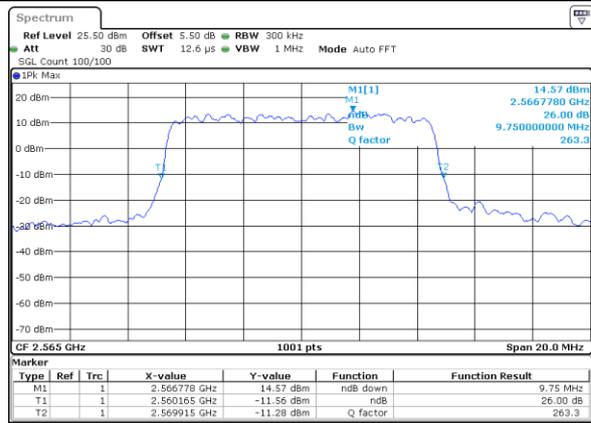
Date: 9 SEP 2018 16:37:21

Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 16:36:38

Highest Channel / 10MHz / 64QAM

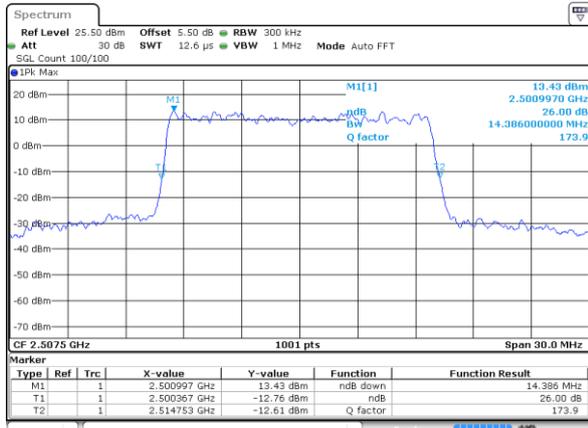


Date: 9 SEP 2018 16:37:43



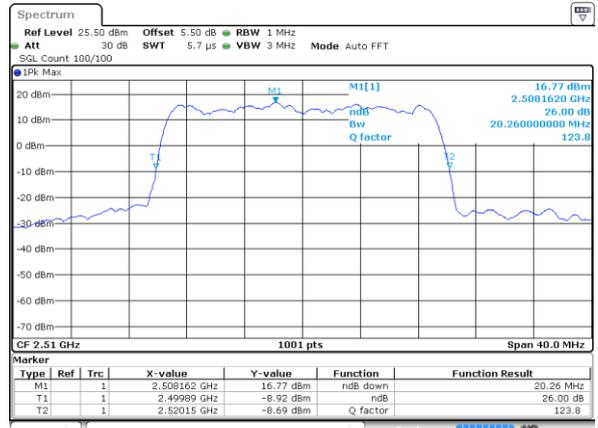
LTE Band 7

Lowest Channel / 15MHz / 64QAM



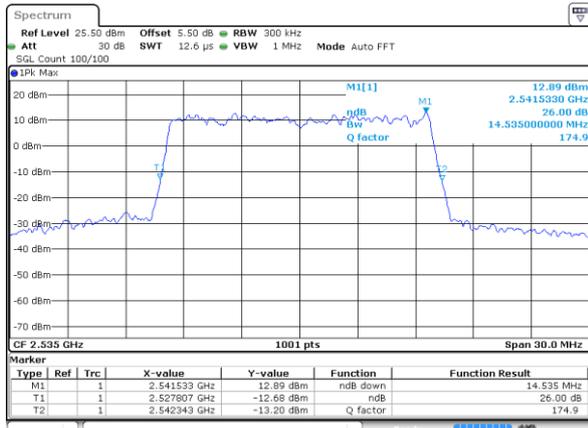
Date: 9 SEP 2018 16:38:04

Lowest Channel / 20MHz / 64QAM



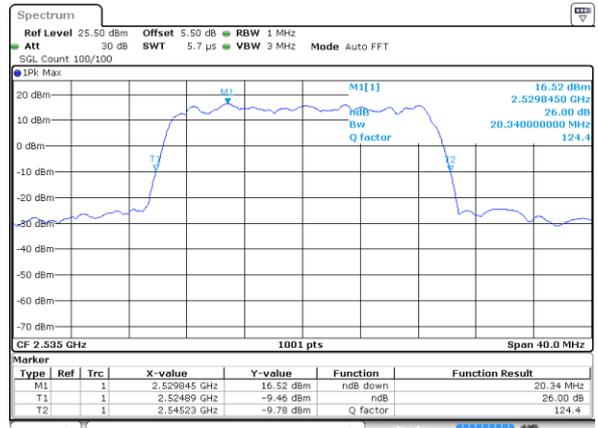
Date: 9 SEP 2018 16:39:08

Middle Channel / 15MHz / 64QAM



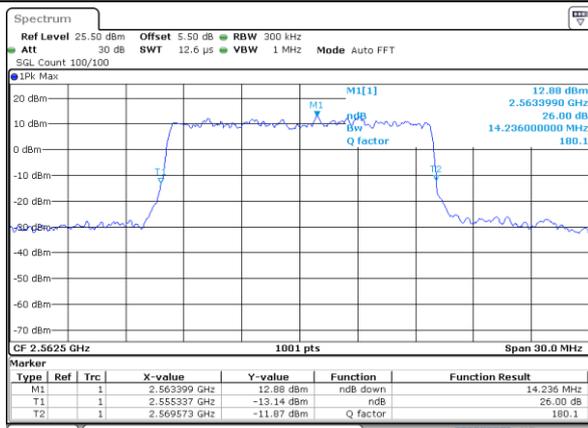
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Middle Channel / 20MHz / 64QAM



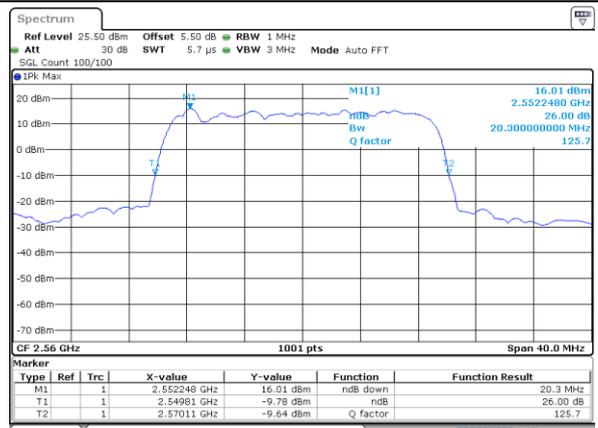
Date: 9 SEP 2018 16:39:30

Highest Channel / 15MHz / 64QAM



Date: 9 SEP 2018 16:38:47

Highest Channel / 20MHz / 64QAM

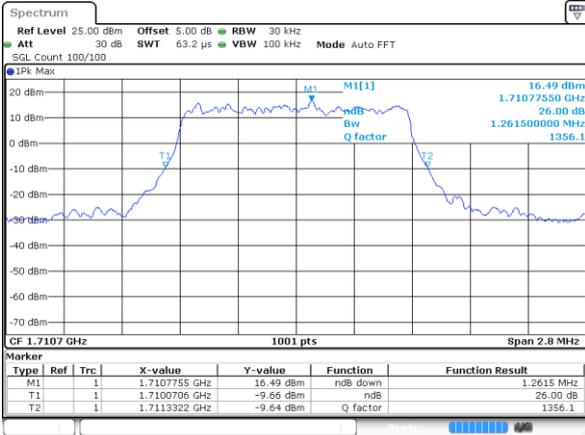


Date: 9 SEP 2018 16:39:51



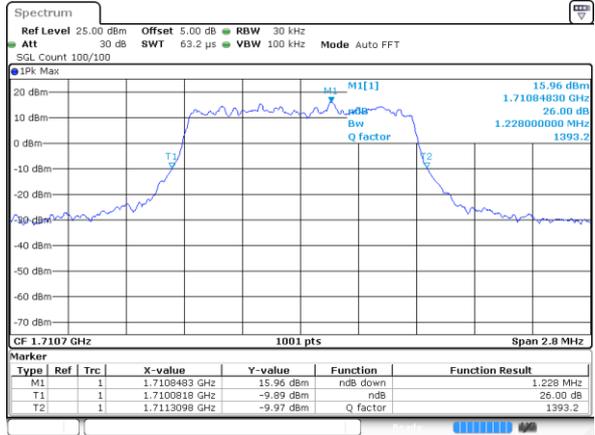
LTE Band 66

Lowest Channel / 1.4MHz / QPSK



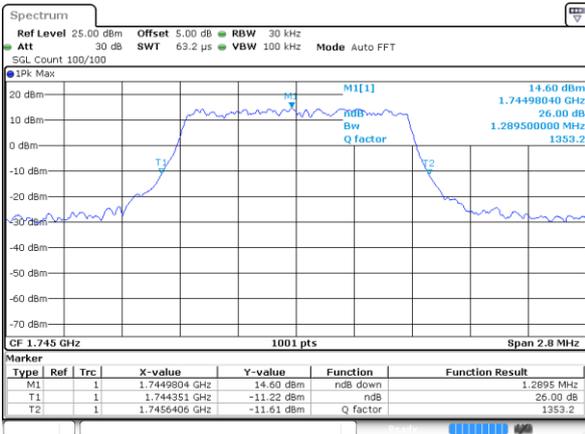
Date: 10 SEP 2018 09:43:52

Lowest Channel / 1.4MHz / 16QAM



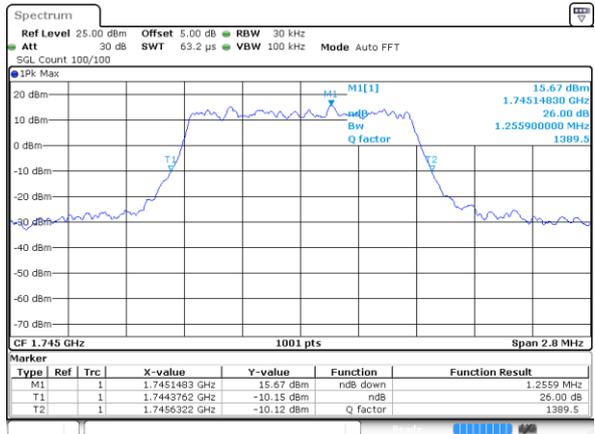
Date: 10 SEP 2018 09:44:20

Middle Channel / 1.4MHz / QPSK



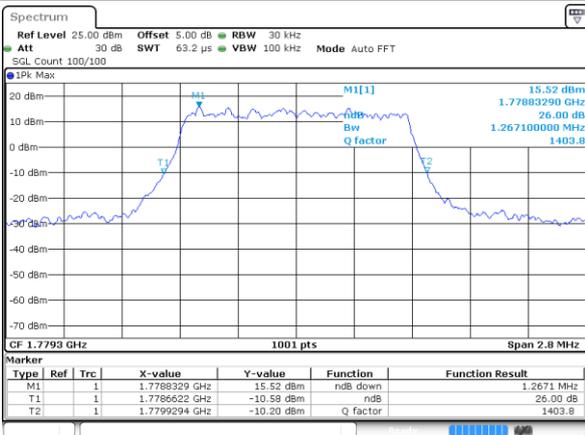
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Middle Channel / 1.4MHz / 16QAM



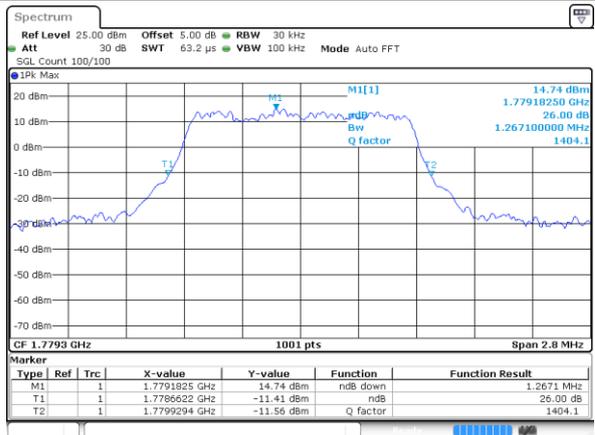
Date: 10 SEP 2018 09:56:51

Highest Channel / 1.4MHz / QPSK



Date: 10 SEP 2018 10:01:06

Highest Channel / 1.4MHz / 16QAM

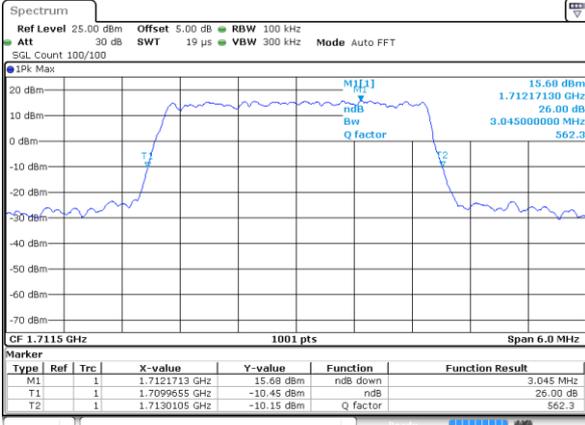


Date: 10 SEP 2018 10:01:31



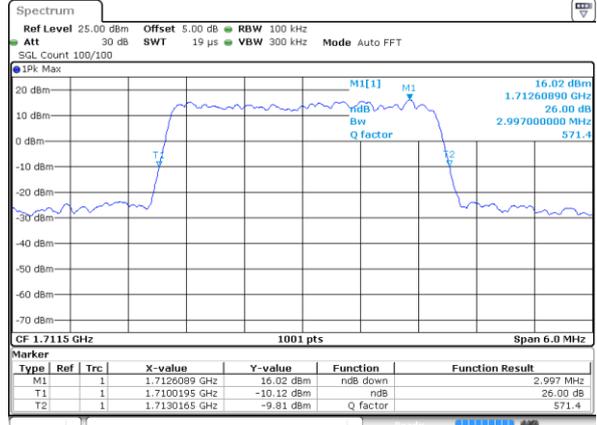
LTE Band 66

Lowest Channel / 3MHz / QPSK



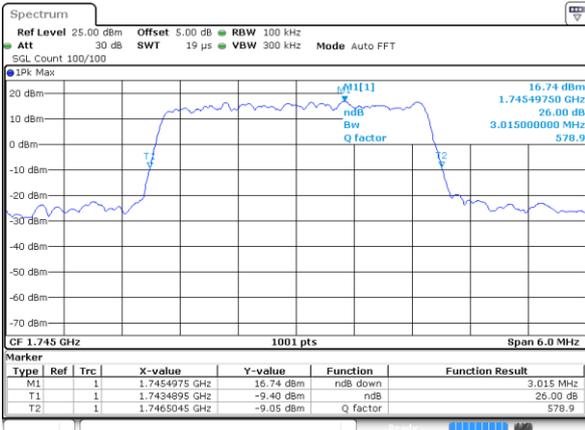
Date: 10 SEP 2018 10:13:11

Lowest Channel / 3MHz / 16QAM



Date: 10 SEP 2018 10:24:56

Middle Channel / 3MHz / QPSK



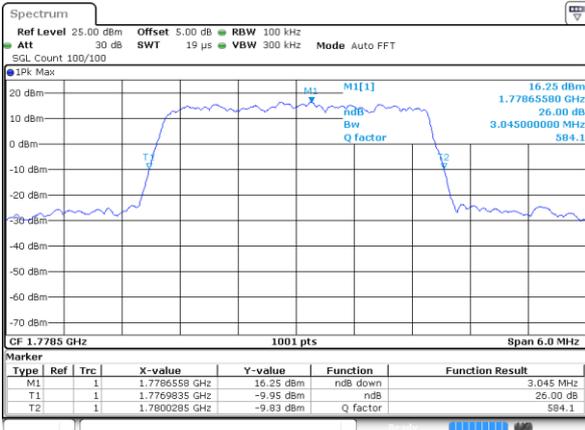
Date: 10 SEP 2018 10:32:48

Middle Channel / 3MHz / 16QAM



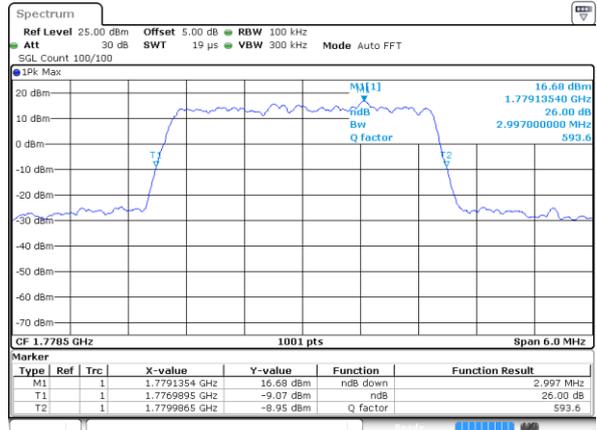
Date: 10 SEP 2018 10:32:28

Highest Channel / 3MHz / QPSK



Date: 10 SEP 2018 10:37:06

Highest Channel / 3MHz / 16QAM

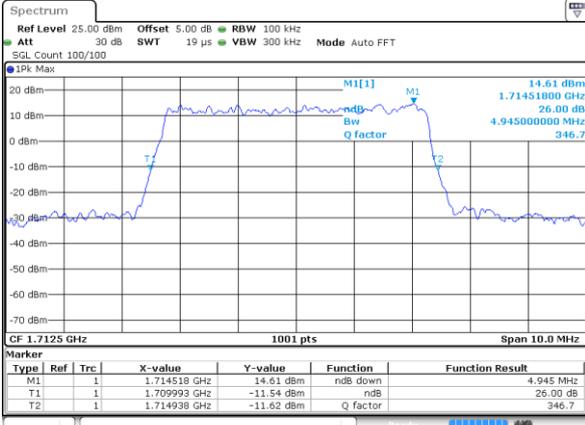


Date: 10 SEP 2018 10:36:43



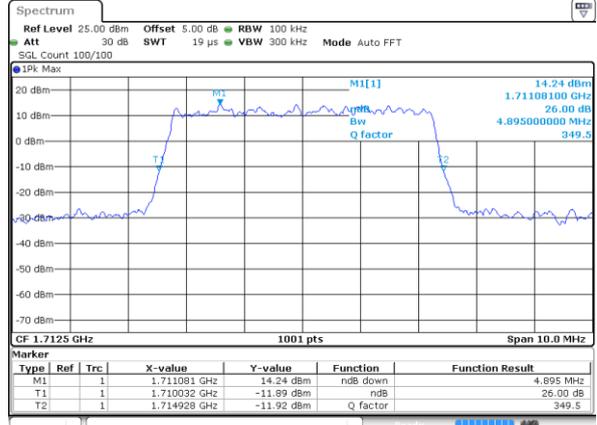
LTE Band 66

Lowest Channel / 5MHz / QPSK



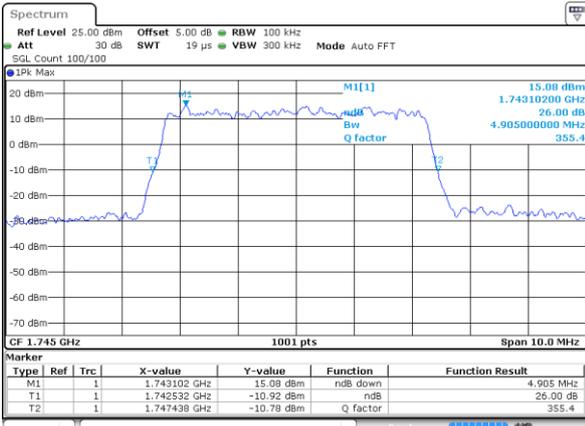
Date: 10 SEP 2018 10:45:59

Lowest Channel / 5MHz / 16QAM



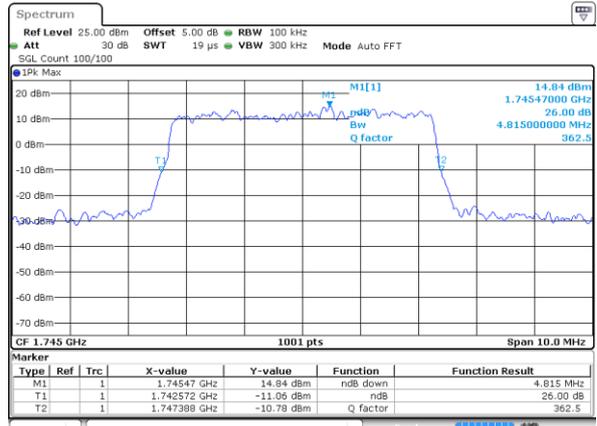
Date: 10 SEP 2018 10:46:26

Middle Channel / 5MHz / QPSK



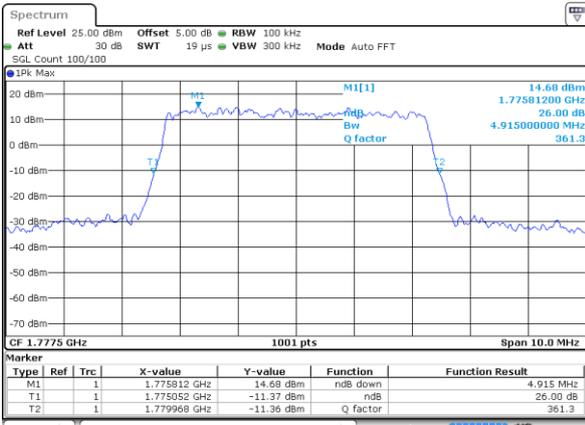
Date: 10 SEP 2018 10:52:18

Middle Channel / 5MHz / 16QAM



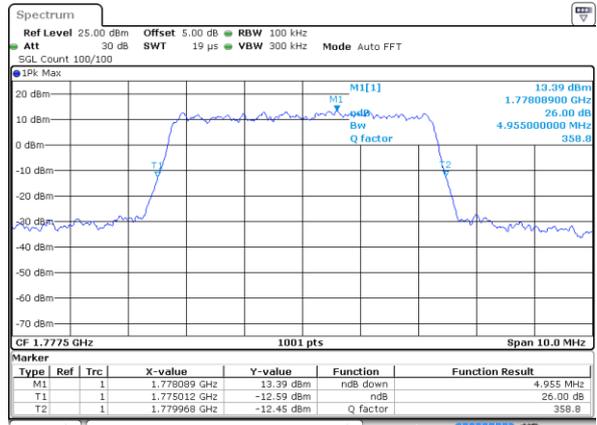
Date: 10 SEP 2018 10:52:43

Highest Channel / 5MHz / QPSK



Date: 10 SEP 2018 10:59:44

Highest Channel / 5MHz / 16QAM

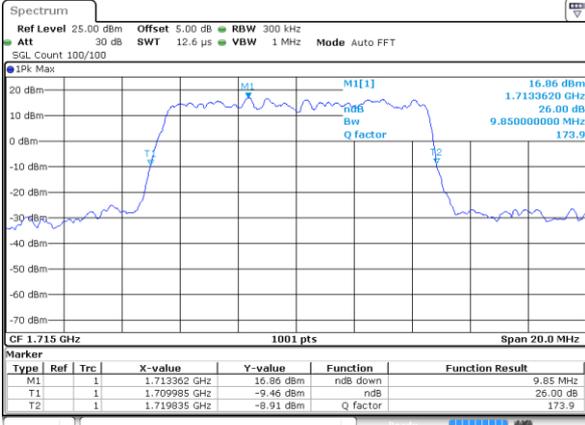


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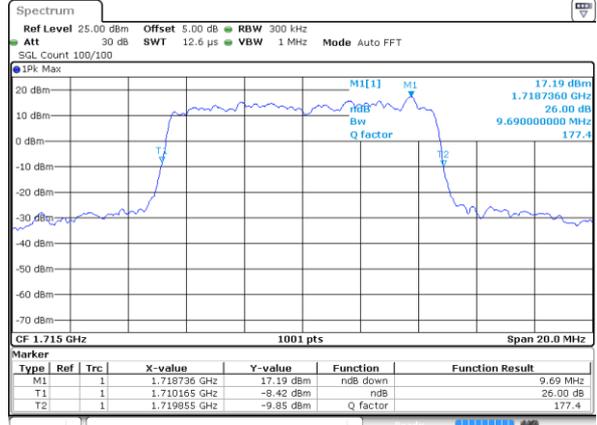
LTE Band 66

Lowest Channel / 10MHz / QPSK



Date: 10 SEP 2018 11:04:48

Lowest Channel / 10MHz / 16QAM



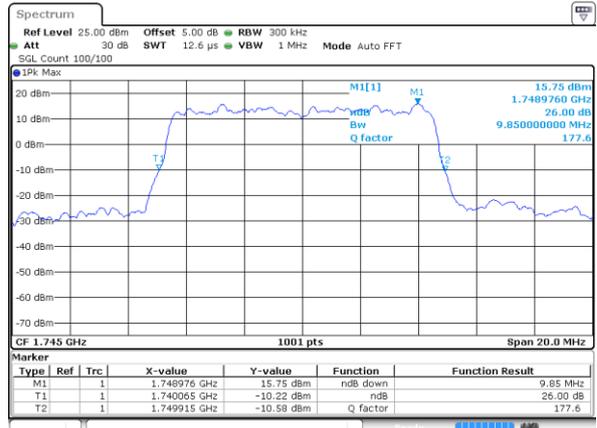
Date: 10 SEP 2018 11:05:10

Middle Channel / 10MHz / QPSK



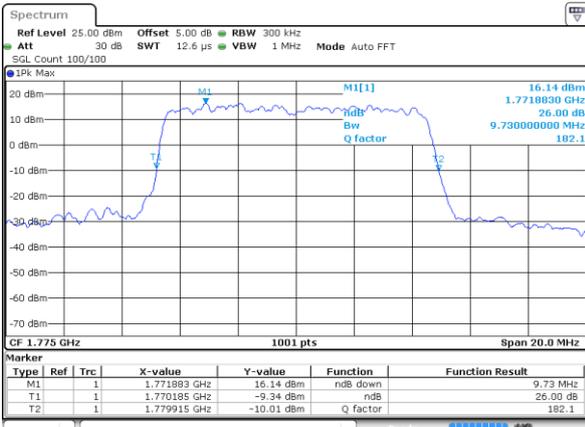
Date: 10 SEP 2018 11:12:49

Middle Channel / 10MHz / 16QAM



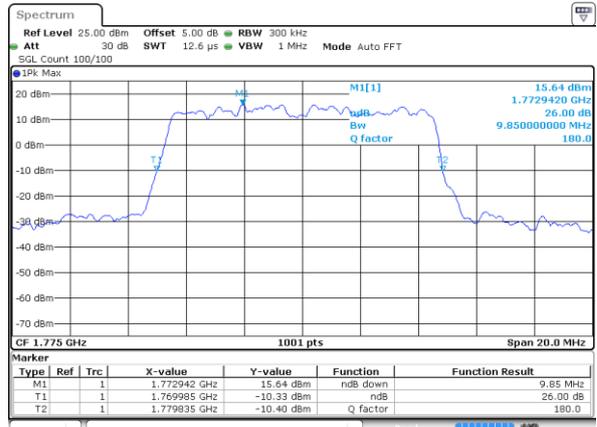
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Highest Channel / 10MHz / QPSK



Date: 10 SEP 2018 11:13:55

Highest Channel / 10MHz / 16QAM

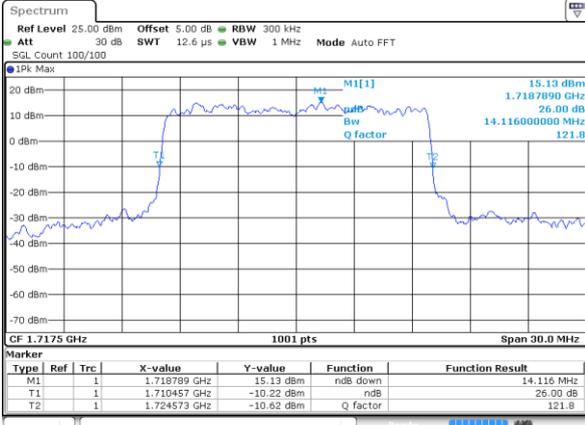


Date: 10 SEP 2018 11:14:21



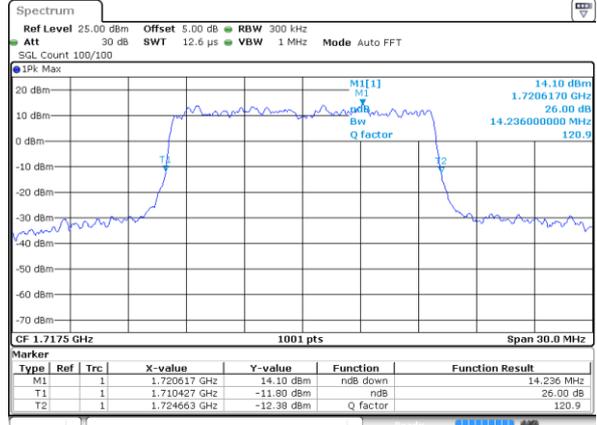
LTE Band 66

Lowest Channel / 15MHz / QPSK



Date: 10 SEP 2018 11:20:47

Lowest Channel / 15MHz / 16QAM



Date: 10 SEP 2018 11:21:12

Middle Channel / 15MHz / QPSK



Date: 10 SEP 2018 11:43:41

Middle Channel / 15MHz / 16QAM



Date: 10 SEP 2018 11:43:19

Highest Channel / 15MHz / QPSK



Date: 10 SEP 2018 11:44:39

Highest Channel / 15MHz / 16QAM

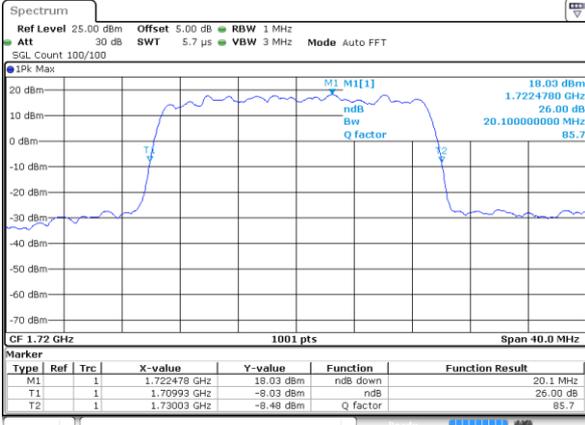


Date: 10 SEP 2018 11:45:20



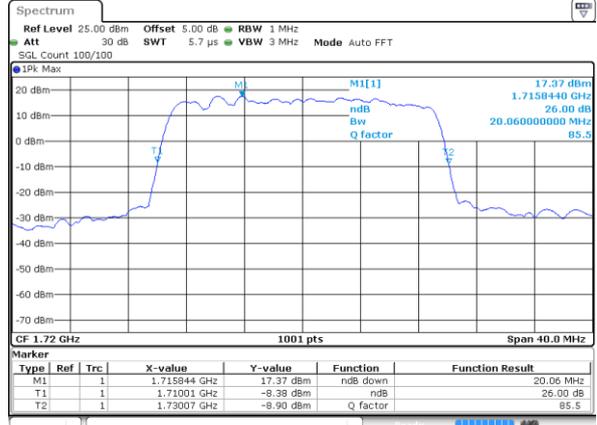
LTE Band 66

Lowest Channel / 20MHz / QPSK



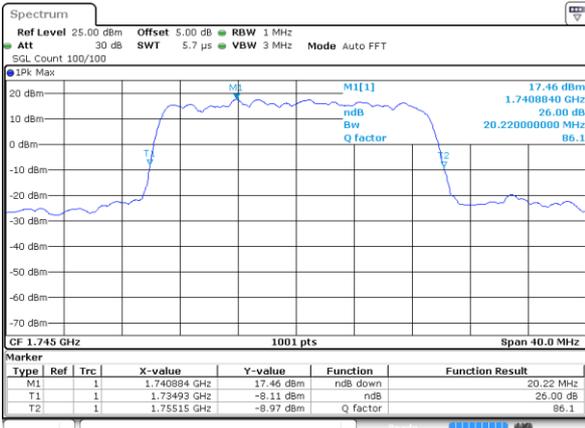
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Lowest Channel / 20MHz / 16QAM



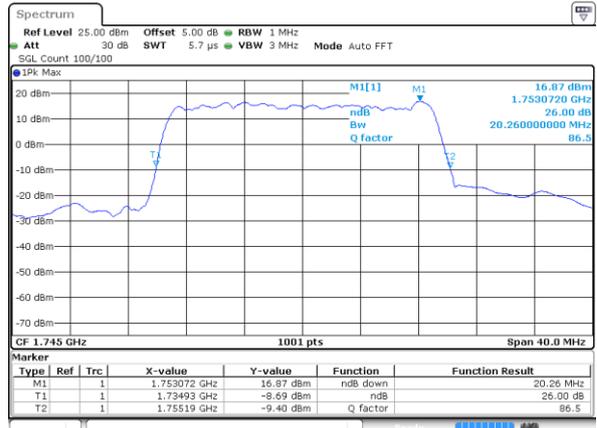
Date: 10 SEP 2018 11:54:35

Middle Channel / 20MHz / QPSK



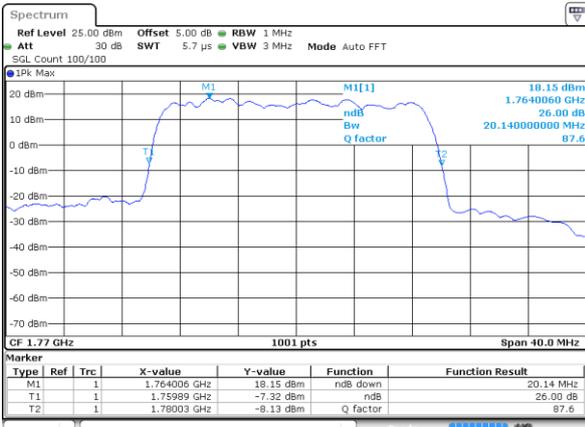
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Middle Channel / 20MHz / 16QAM



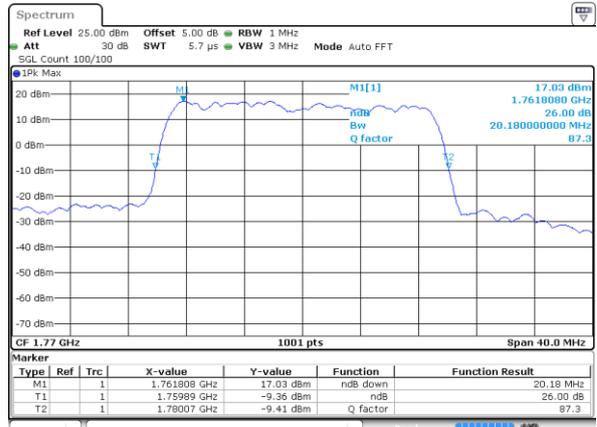
Date: 10 SEP 2018 13:39:32

Highest Channel / 20MHz / QPSK



Date: 10 SEP 2018 13:42:30

Highest Channel / 20MHz / 16QAM

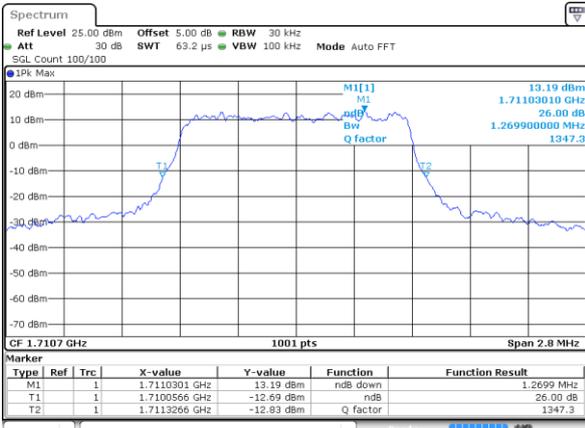


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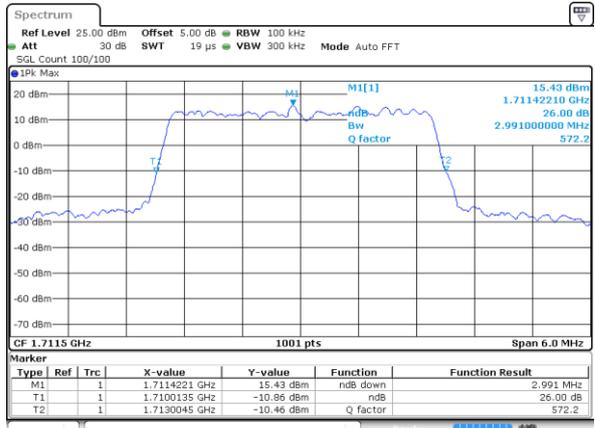
LTE Band 66

Lowest Channel / 1.4MHz / 64QPSK



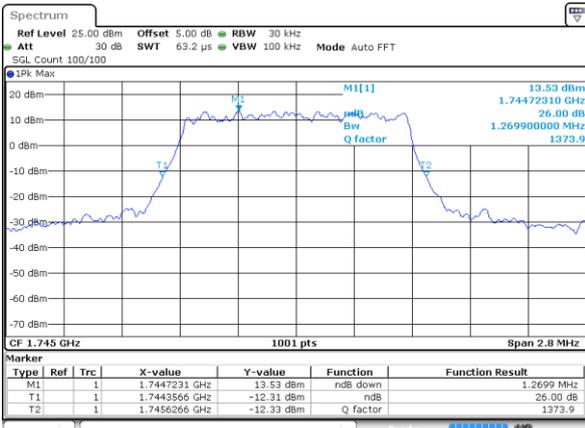
Date: 10 SEP 2018 09:44:46

Lowest Channel / 3MHz / 64QAM



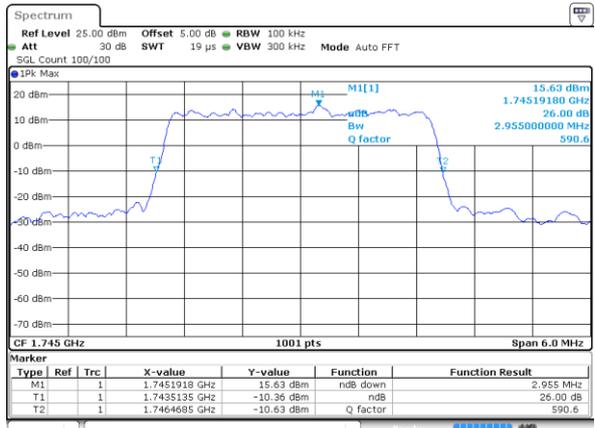
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Middle Channel / 1.4MHz / 64QPSK



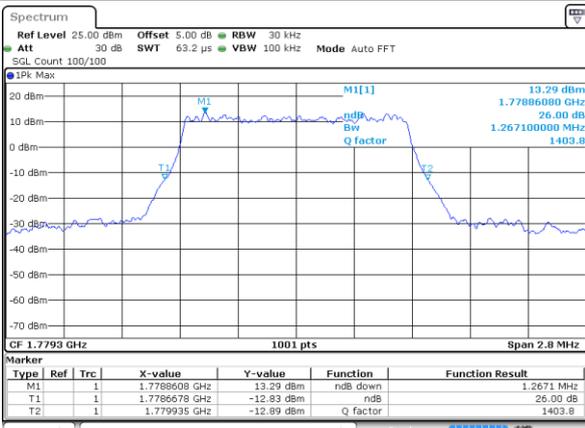
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Middle Channel / 3MHz / 64QAM



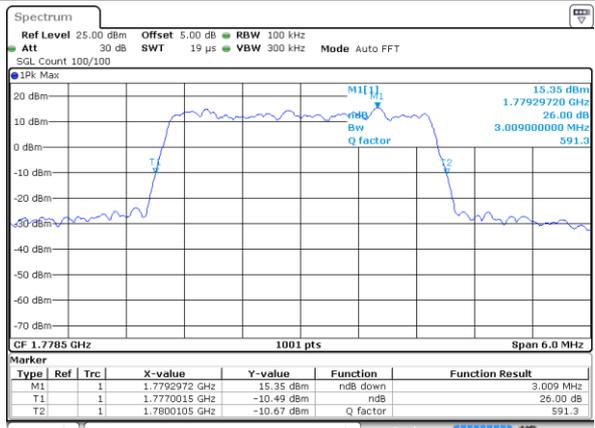
Date: 10 SEP 2018 10:32:06

Highest Channel / 1.4MHz / 64QPSK



Date: 10 SEP 2018 10:01:55

Highest Channel / 3MHz / 64QAM

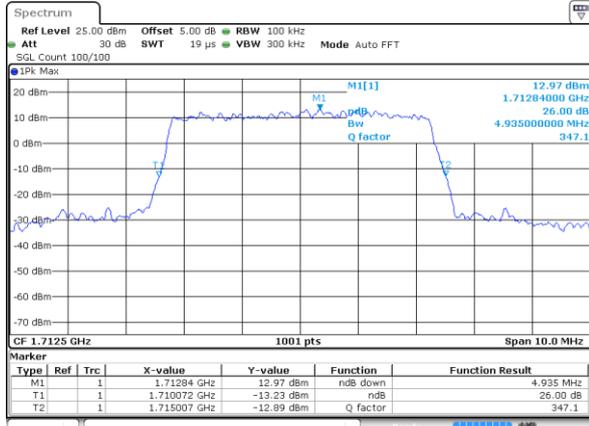


Date: 10 SEP 2018 10:36:19



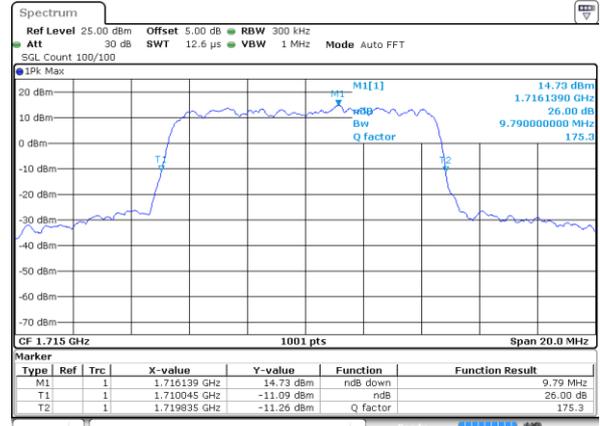
LTE Band 66

Lowest Channel / 5MHz / 64QPSK



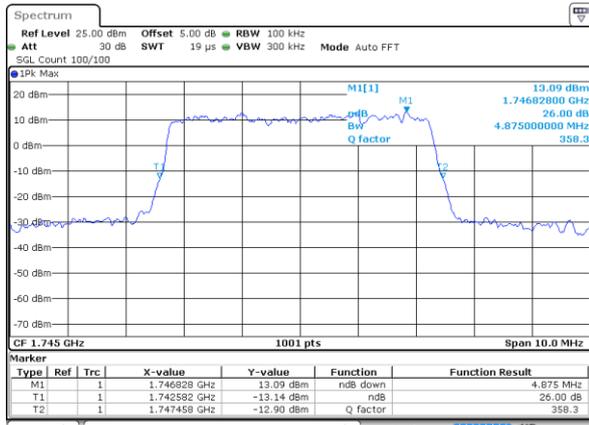
Date: 10 SEP 2018 10:46:49

Lowest Channel / 10MHz / 64QAM



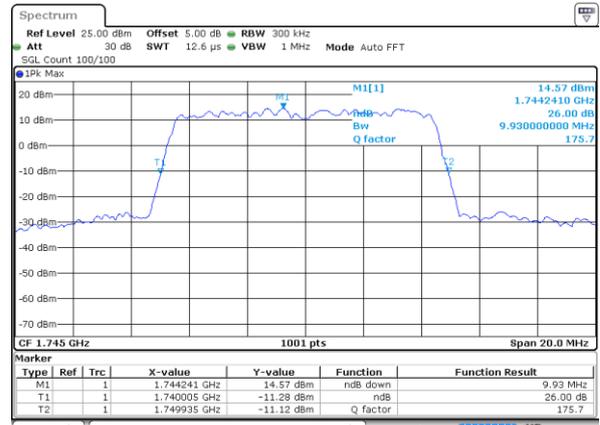
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Middle Channel / 5MHz / 64QPSK



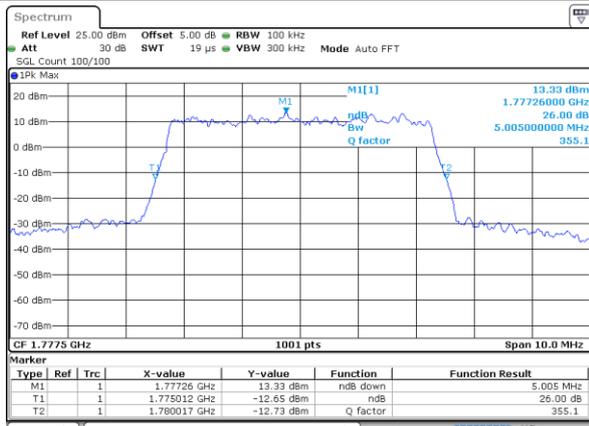
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Middle Channel / 10MHz / 64QAM



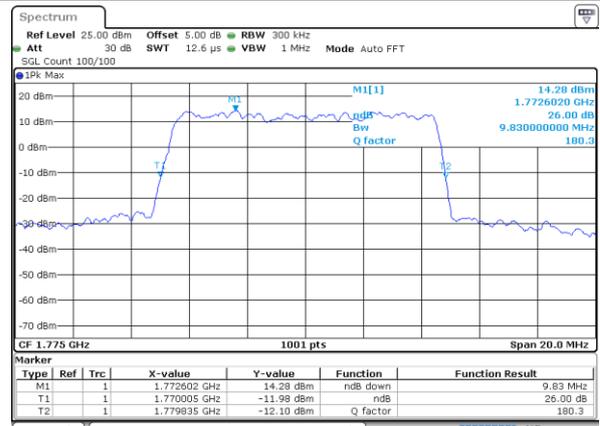
Date: 10 SEP 2018 11:12:14

Highest Channel / 5MHz / 64QPSK



Date: 10 SEP 2018 10:57:54

Highest Channel / 10MHz / 64QAM

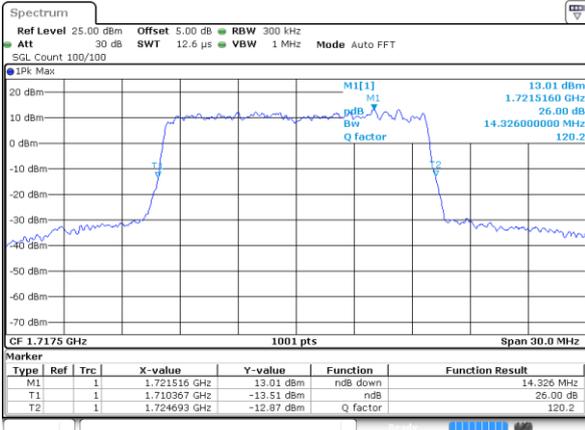


Date: 10 SEP 2018 11:14:42



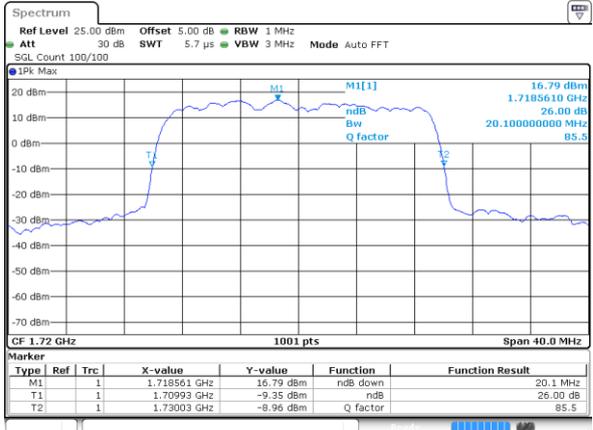
LTE Band 66

Lowest Channel / 15MHz / 64QPSK



Date: 10 SEP 2018 11:21:33

Lowest Channel / 20MHz / 64QAM



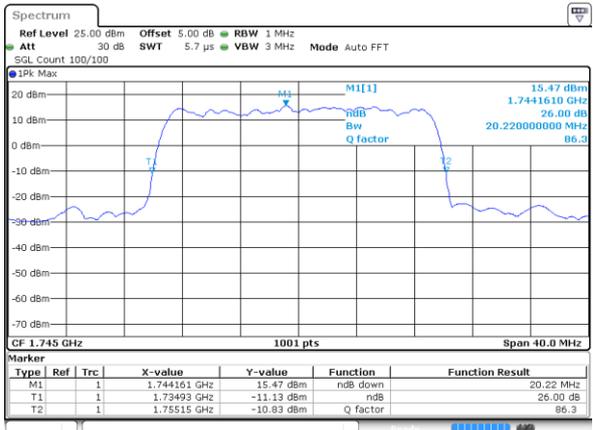
Date: 10 SEP 2018 11:55:21

Middle Channel / 15MHz / 64QPSK



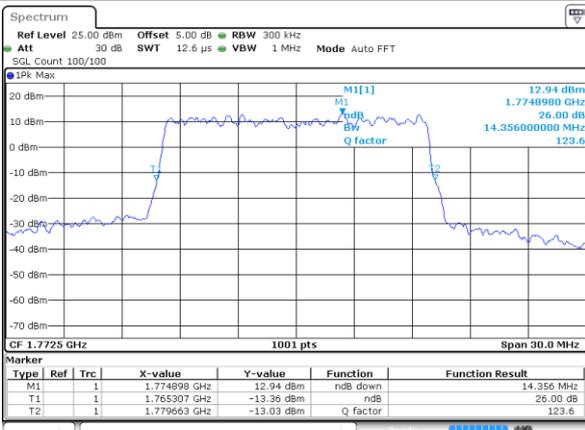
Date: 10 SEP 2018 11:42:57

Middle Channel / 20MHz / 64QAM



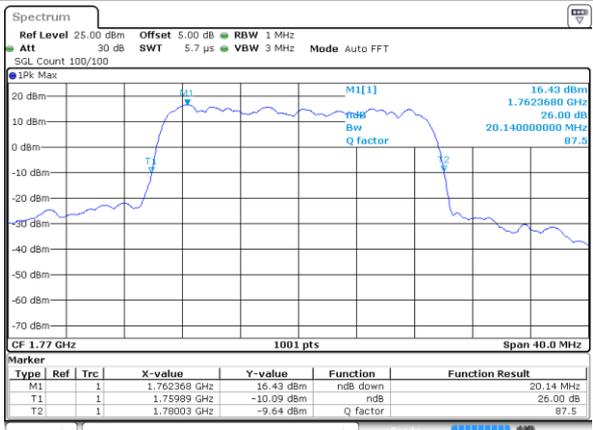
Date: 10 SEP 2018 13:40:01

Highest Channel / 15MHz / 64QPSK



Date: 10 SEP 2018 11:45:57

Highest Channel / 20MHz / 64QAM



Date: 10 SEP 2018 13:44:23



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	2.71	2.7	4.49	4.5	8.95	8.99	13.43	13.46	18.38	18.5
Middle CH	1.09	1.09	2.72	2.7	4.49	4.48	9.09	8.99	13.46	13.37	18.42	18.26
Highest CH	1.09	1.1	2.72	2.72	4.5	4.5	9.07	8.97	13.46	13.49	18.22	18.62
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.74		4.48		9.09		13.43		18.38	
Middle CH	1.09		2.72		4.48		9.03		13.4		18.42	
Highest CH	1.09		2.73		4.47		8.99		13.46		18.38	

Mode	LTE Band 5 : 99%OBW(MHz)											
	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	1.09	1.09	2.71	2.72	4.5	4.48	8.99	8.99	1.09	2.74	4.47	9.01
Middle CH	1.09	1.1	2.73	2.72	4.51	4.51	9.01	9.03	1.11	2.72	4.48	9.07
Highest CH	1.1	1.09	2.73	2.69	4.48	4.51	9.05	9.01	1.09	2.72	4.49	9.01

Mode	LTE Band 7 : 99%OBW(MHz)											
	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.5	4.49	9.05	9.05	13.4	13.46	18.42	18.5	4.48	9.07	13.43	18.22
Middle CH	4.49	4.48	8.99	9.01	13.49	13.52	18.42	18.22	4.49	9.03	13.49	18.46
Highest CH	4.49	4.5	9.01	9.07	13.43	13.49	18.3	18.5	4.50	9.05	13.46	18.46

Mode	LTE Band 66 : 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	1.1	2.72	2.72	4.48	4.5	9.01	9.03	13.43	13.4	18.26	18.22
Middle CH	1.09	1.09	2.73	2.71	4.49	4.48	9.01	9.07	13.46	13.49	18.22	18.26
Highest CH	1.09	1.08	2.72	2.73	4.48	4.49	9.03	8.99	13.46	13.46	18.34	18.42
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.48		9.01		13.37		18.18	
Middle CH	1.09		2.71		4.47		8.99		13.46		18.34	
Highest CH	1.09		2.72		4.48		9.03		13.46		18.34	