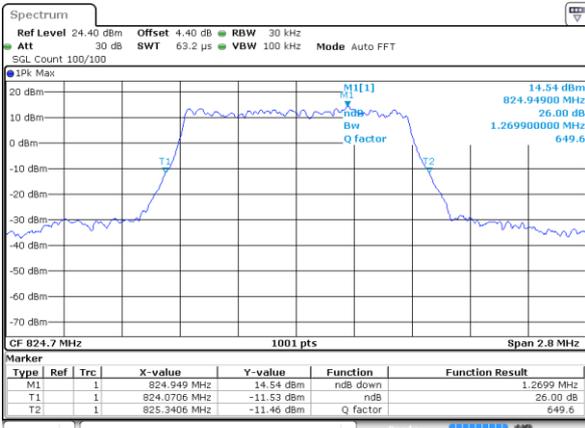




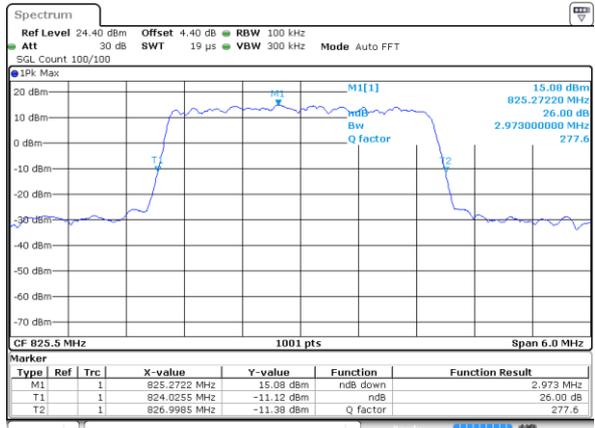
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



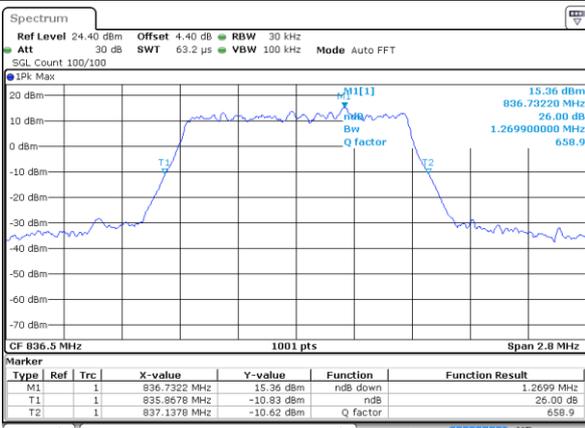
Date: 28 APR 2018 16:28:18

Lowest Channel / 3MHz / 64QAM



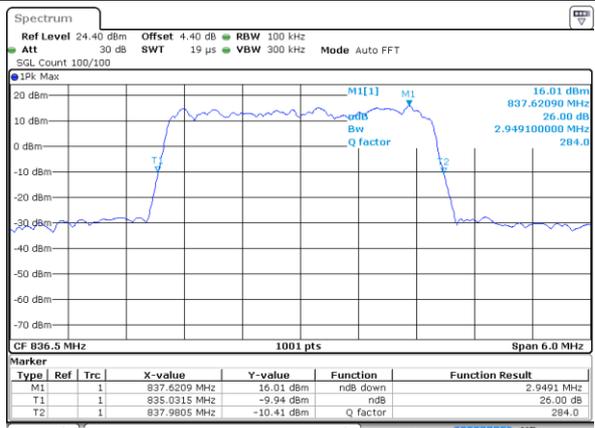
Date: 28 APR 2018 16:38:30

Middle Channel / 1.4MHz / 64QAM



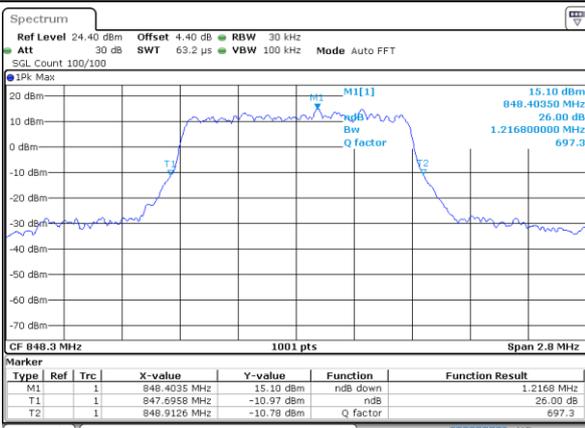
Date: 28 APR 2018 16:32:47

Middle Channel / 3MHz / 64QAM



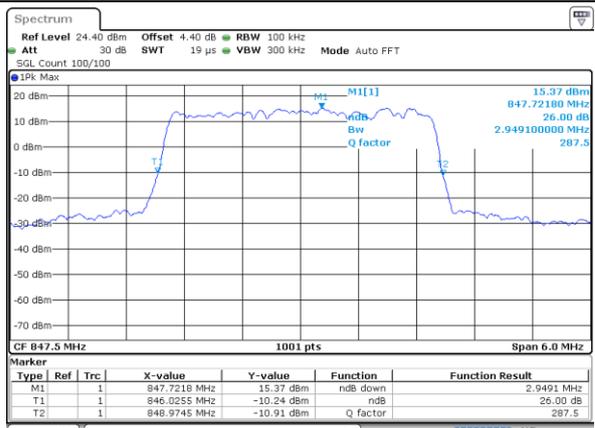
Date: 28 APR 2018 16:42:59

Highest Channel / 1.4MHz / 64QAM



Date: 28 APR 2018 16:34:01

Highest Channel / 3MHz / 64QAM

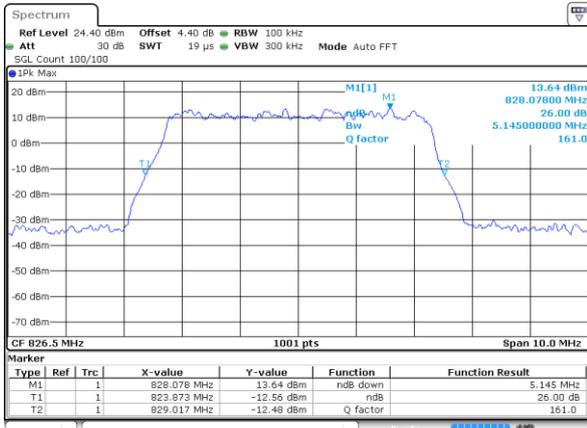


Date: 28 APR 2018 16:44:14



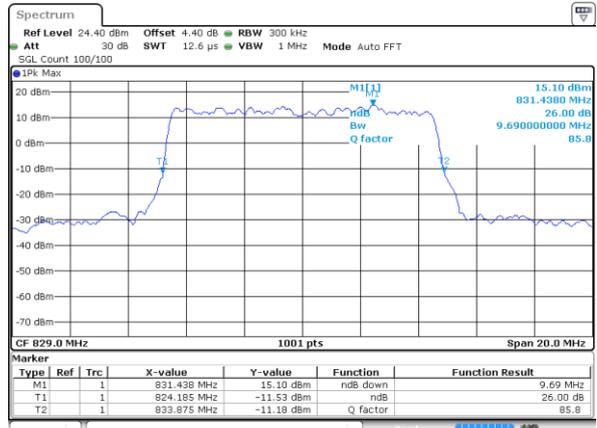
LTE Band 5

Lowest Channel / 5MHz / 64QAM



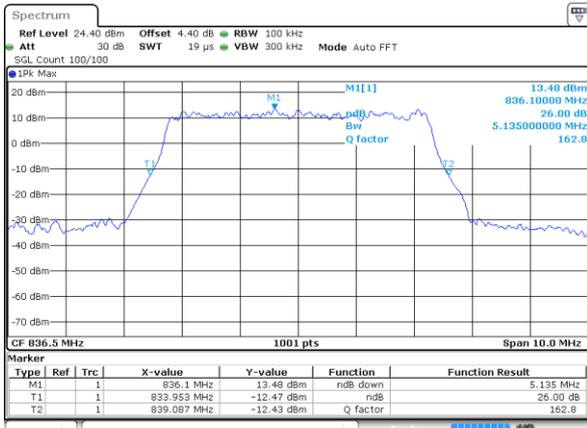
Date: 28 APR 2018 16:48:43

Lowest Channel / 10MHz / 64QAM



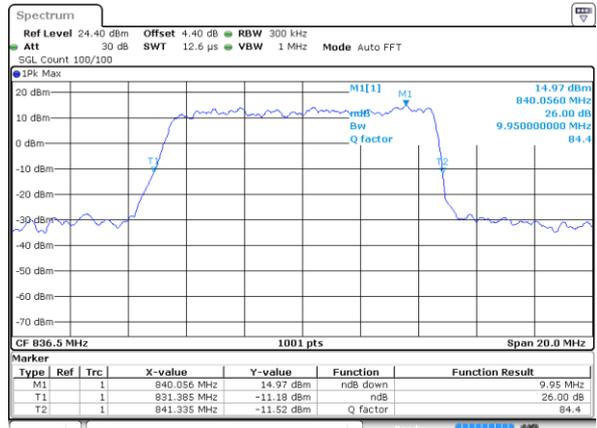
Date: 28 APR 2018 16:58:56

Middle Channel / 5MHz / 64QAM



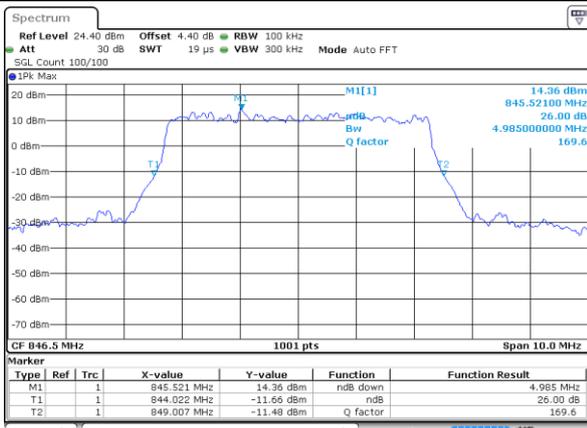
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Middle Channel / 10MHz / 64QAM



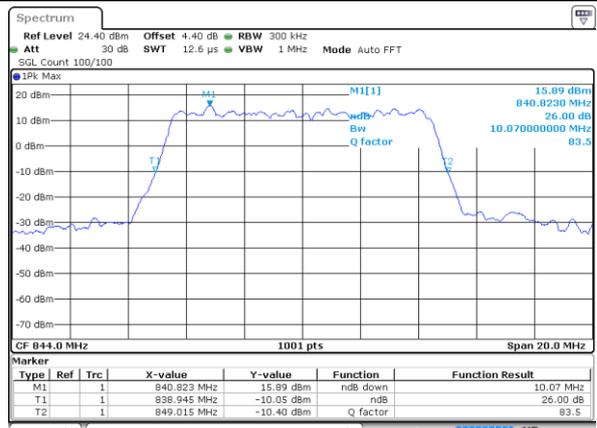
Date: 28 APR 2018 17:03:25

Highest Channel / 5MHz / 64QAM



Date: 28 APR 2018 16:54:27

Highest Channel / 10MHz / 64QAM

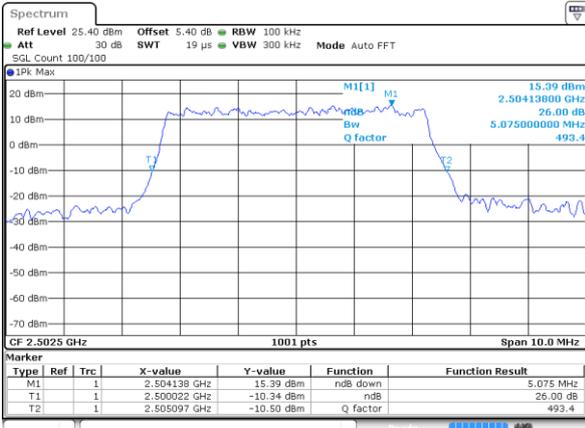


Date: 28 APR 2018 17:04:39



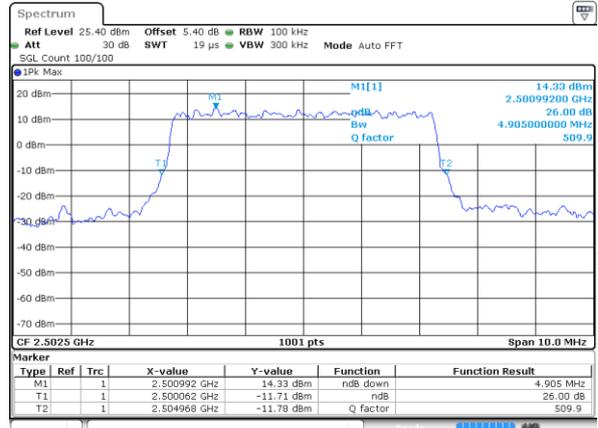
LTE Band 7

Lowest Channel / 5MHz / QPSK



Date: 28 APR 2018 22:08:54

Lowest Channel / 5MHz / 16QAM



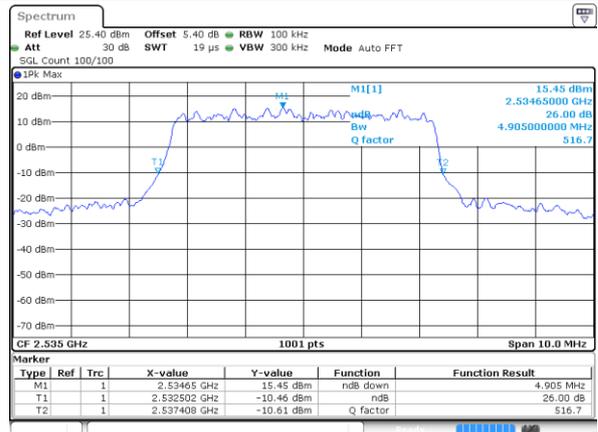
Date: 28 APR 2018 22:09:14

Middle Channel / 5MHz / QPSK



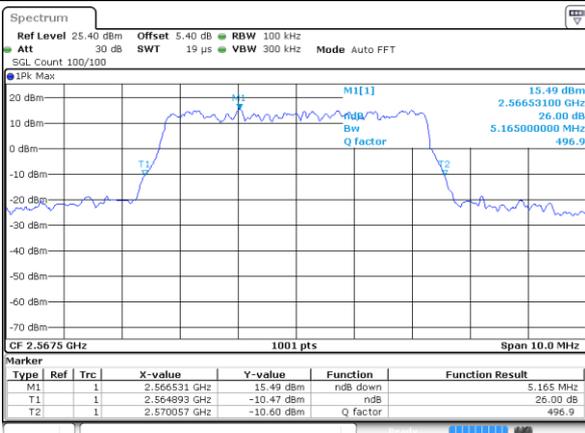
Date: 28 APR 2018 22:18:03

Middle Channel / 5MHz / 16QAM



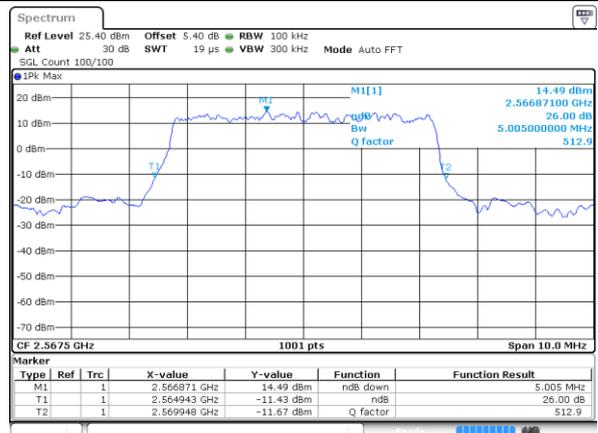
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Highest Channel / 5MHz / QPSK



Date: 28 APR 2018 22:18:23

Highest Channel / 5MHz / 16QAM

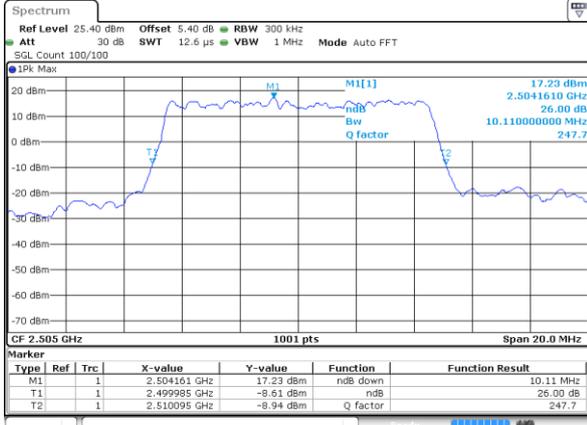


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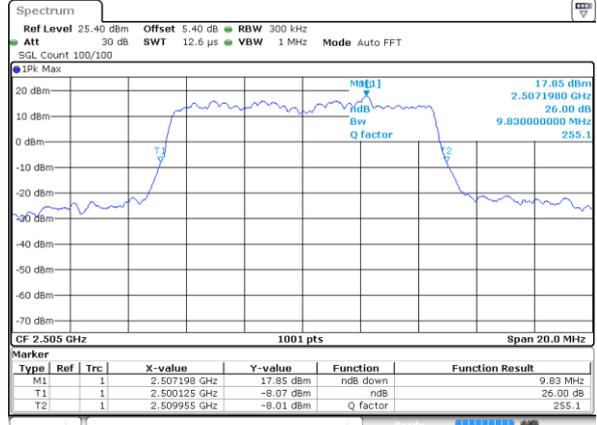
LTE Band 7

Lowest Channel / 10MHz / QPSK



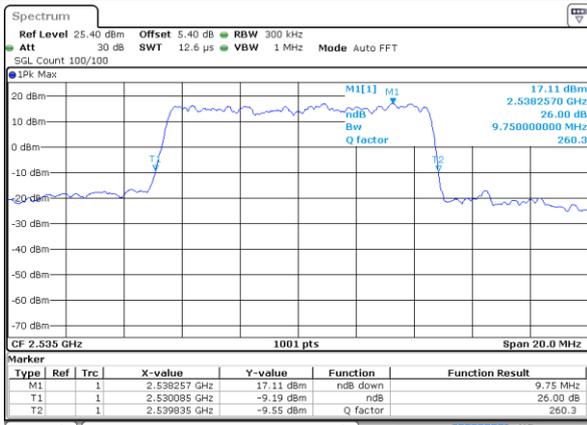
Date: 28 APR 2018 22:27:11

Lowest Channel / 10MHz / 16QAM



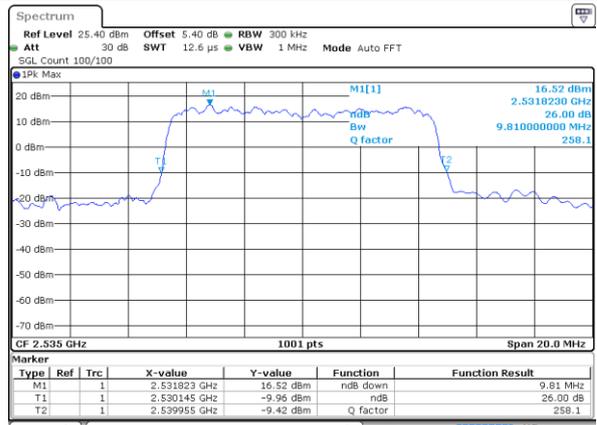
Date: 28 APR 2018 22:27:31

Middle Channel / 10MHz / QPSK



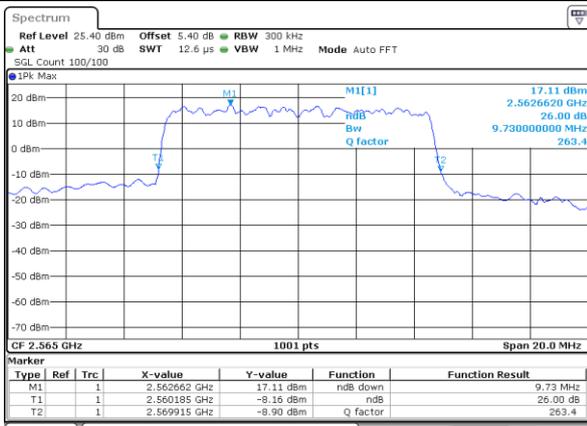
Date: 28 APR 2018 22:36:20

Middle Channel / 10MHz / 16QAM



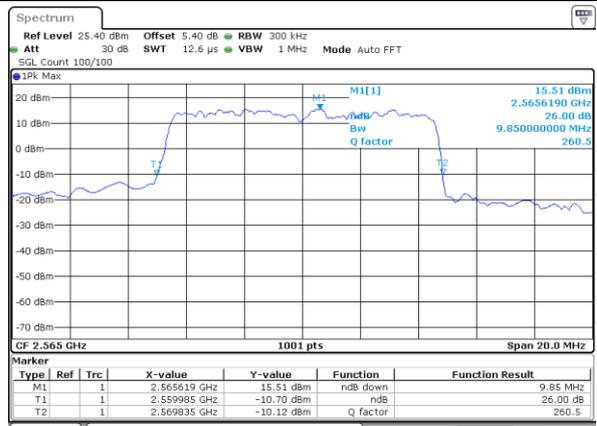
Date: 28 APR 2018 22:36:00

Highest Channel / 10MHz / QPSK



Date: 28 APR 2018 22:36:40

Highest Channel / 10MHz / 16QAM

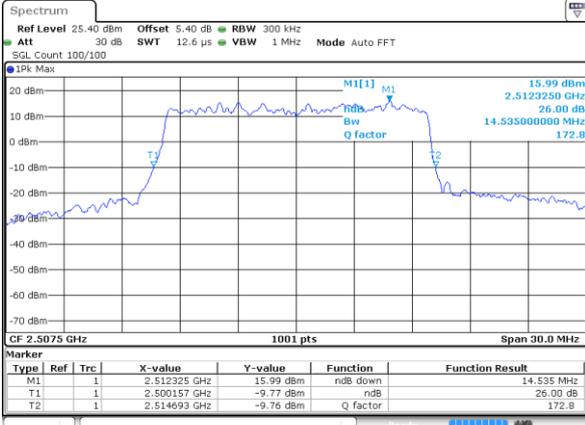


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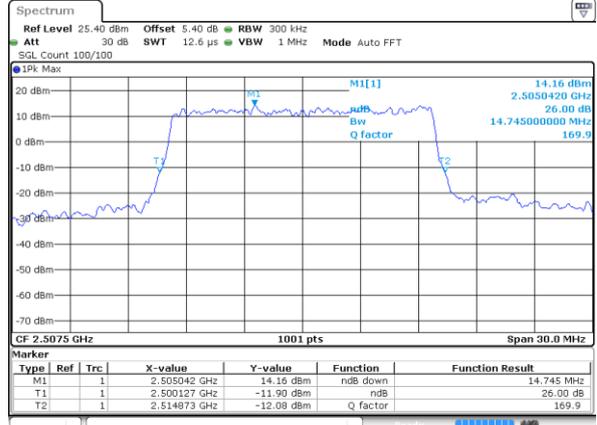
LTE Band 7

Lowest Channel / 15MHz / QPSK



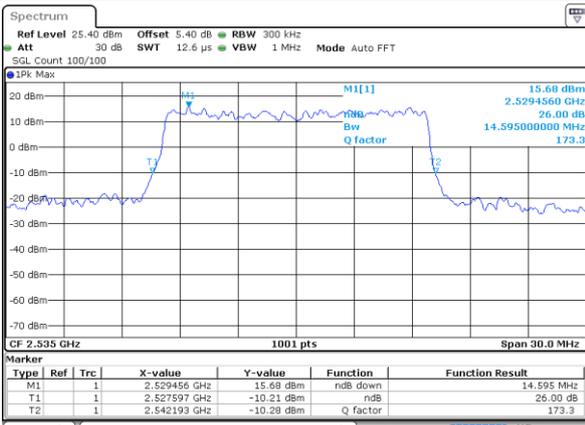
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Lowest Channel / 15MHz / 16QAM



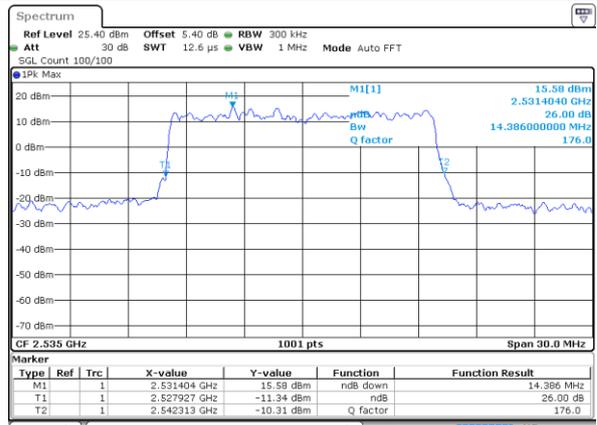
Date: 28 APR 2018 22:44:00

Middle Channel / 15MHz / QPSK



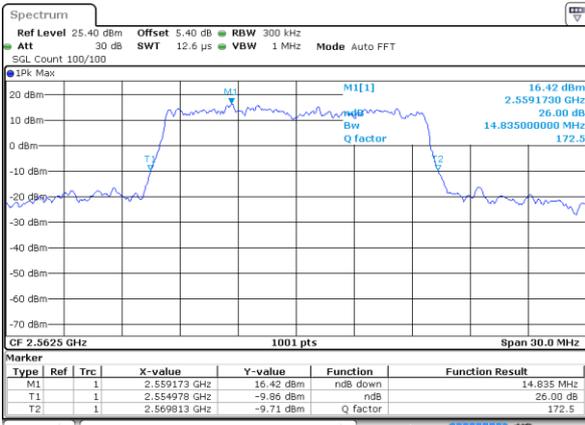
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Middle Channel / 15MHz / 16QAM



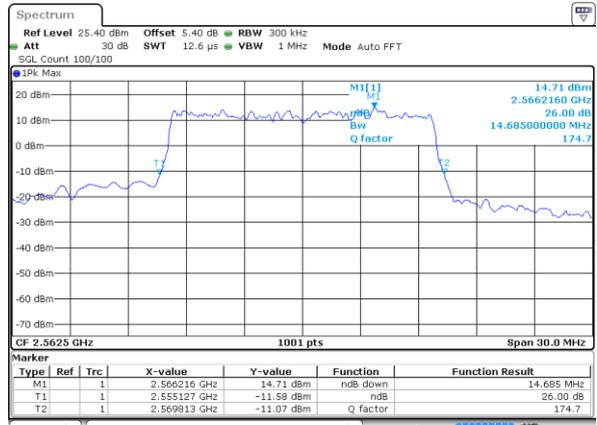
Date: 28 APR 2018 22:52:29

Highest Channel / 15MHz / QPSK



Date: 28 APR 2018 22:53:09

Highest Channel / 15MHz / 16QAM

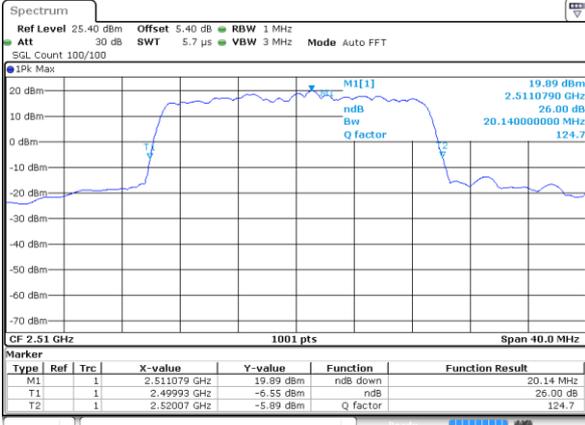


Date: 28 APR 2018 22:53:28



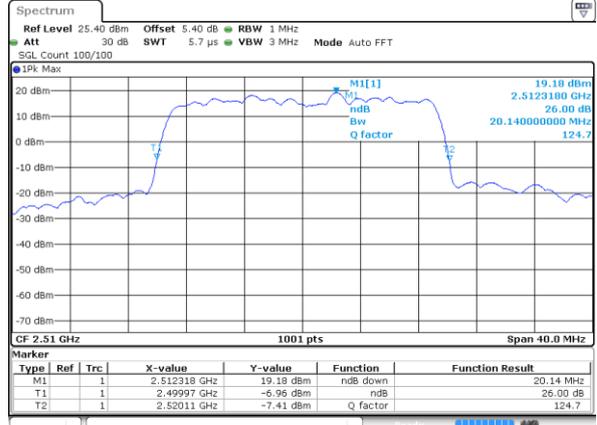
LTE Band 7

Lowest Channel / 20MHz / QPSK



Date: 28 APR 2018 23:00:08

Lowest Channel / 20MHz / 16QAM



Date: 28 APR 2018 23:00:28

Middle Channel / 20MHz / QPSK



Date: 28 APR 2018 23:09:17

Middle Channel / 20MHz / 16QAM



Date: 28 APR 2018 23:08:57

Highest Channel / 20MHz / QPSK



Date: 28 APR 2018 23:09:37

Highest Channel / 20MHz / 16QAM

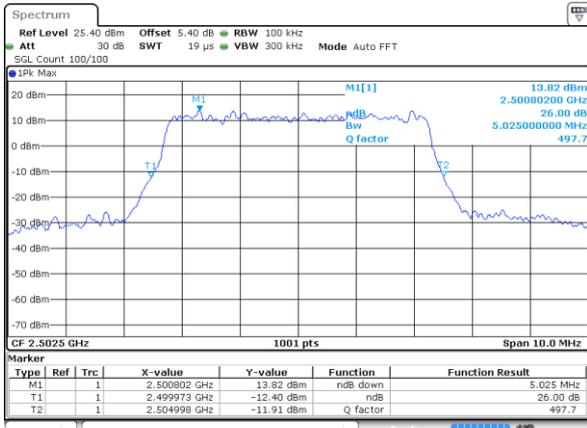


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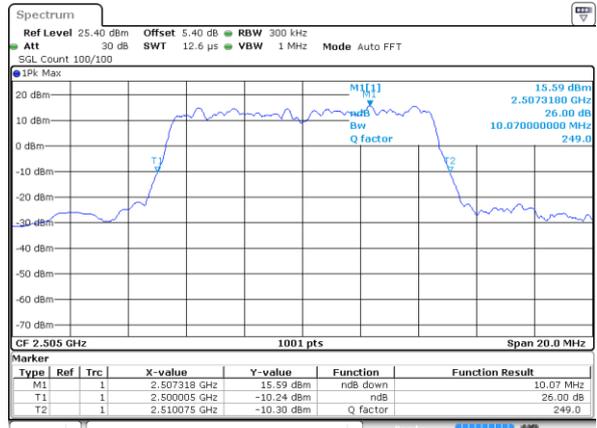
LTE Band 7

Lowest Channel / 5MHz / 64QAM



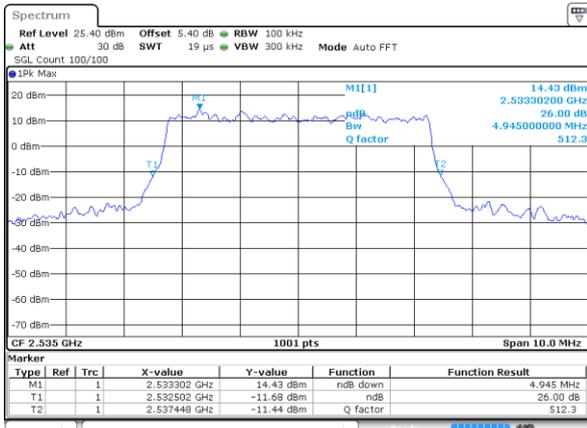
Date: 28 APR 2018 23:33:11

Lowest Channel / 10MHz / 64QAM



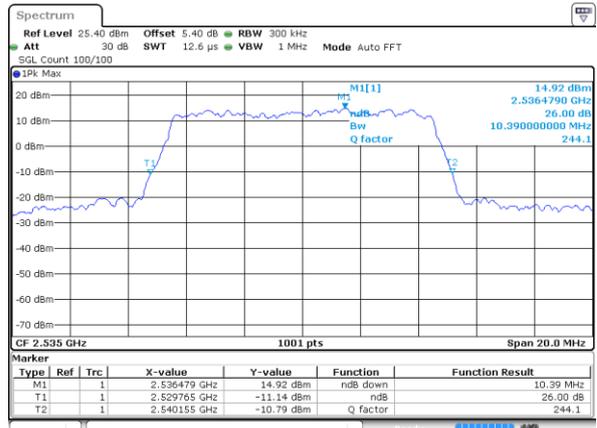
Date: 28 APR 2018 23:34:10

Middle Channel / 5MHz / 64QAM



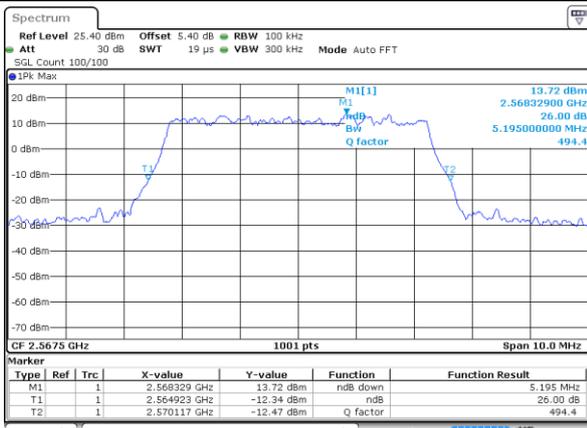
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Middle Channel / 10MHz / 64QAM



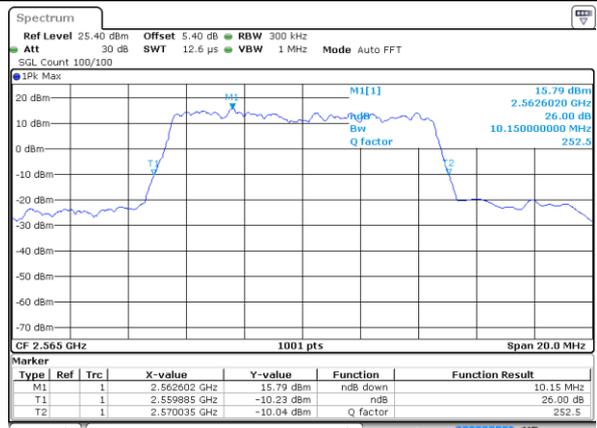
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Highest Channel / 5MHz / 64QAM



Date: 28 APR 2018 23:33:51

Highest Channel / 10MHz / 64QAM

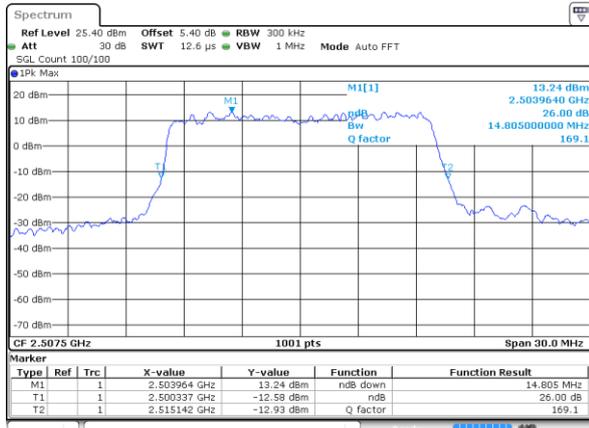


Date: 28 APR 2018 23:34:50



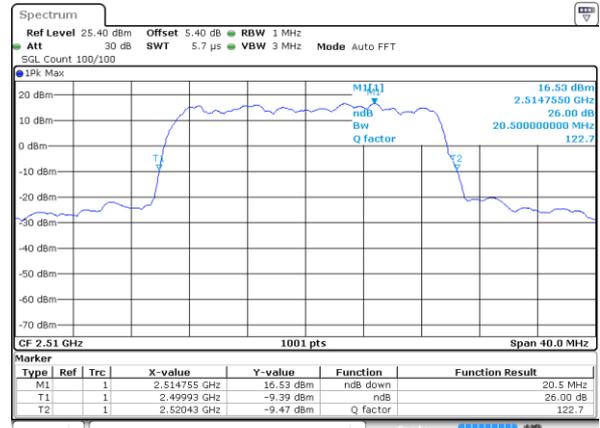
LTE Band 7

Lowest Channel / 15MHz / 64QAM



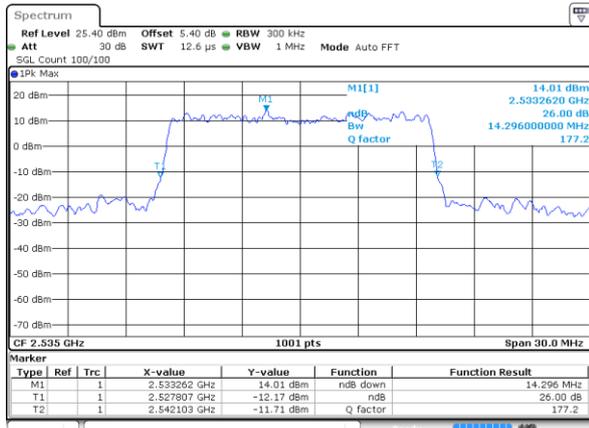
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Lowest Channel / 20MHz / 64QAM



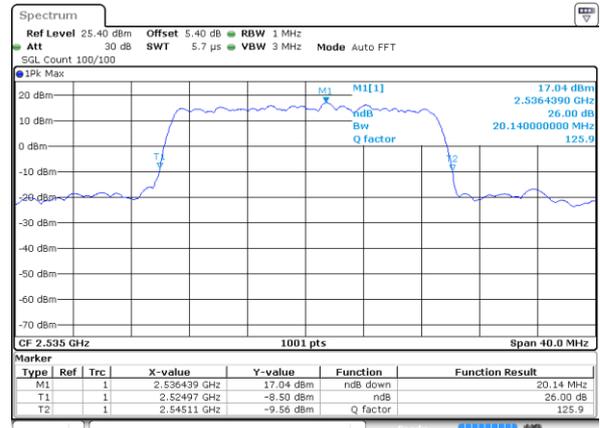
Date: 28 APR 2018 23:36:10

Middle Channel / 15MHz / 64QAM



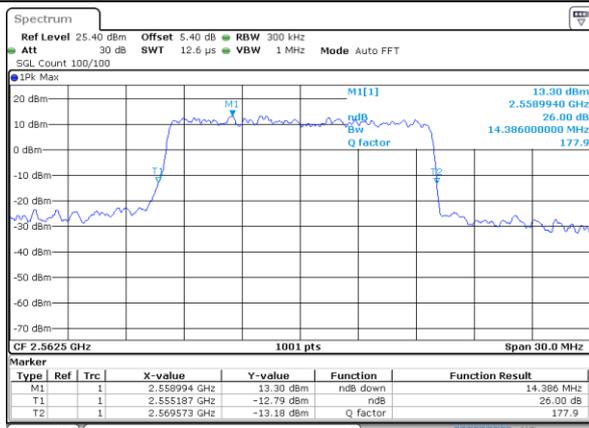
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Middle Channel / 20MHz / 64QAM



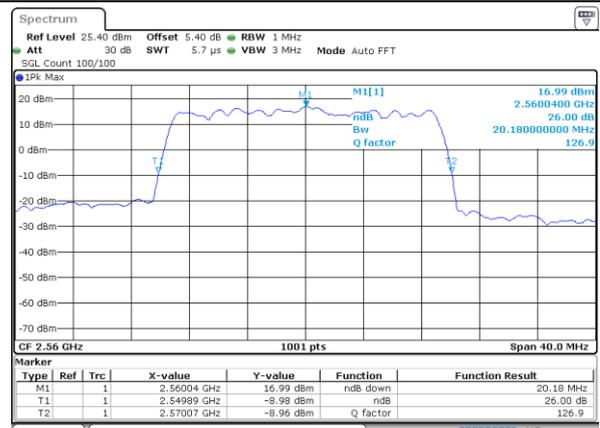
Date: 28 APR 2018 23:36:29

Highest Channel / 15MHz / 64QAM



Date: 28 APR 2018 23:35:50

Highest Channel / 20MHz / 64QAM

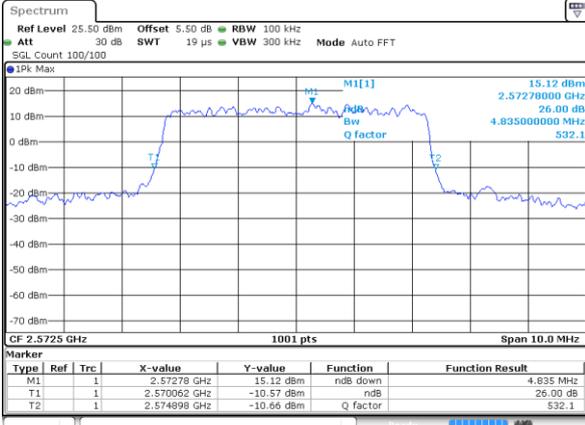


Date: 28 APR 2018 23:36:49



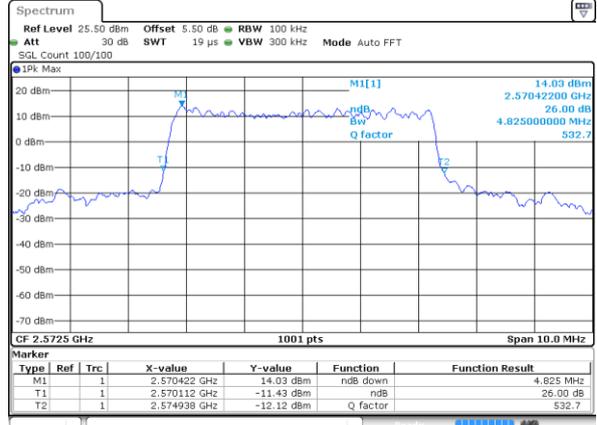
LTE Band 38

Lowest Channel / 5MHz / QPSK



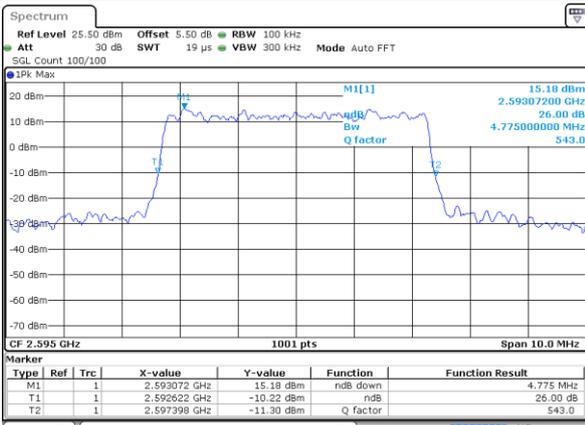
Date: 2 MAY 2018 19:26:53

Lowest Channel / 5MHz / 16QAM



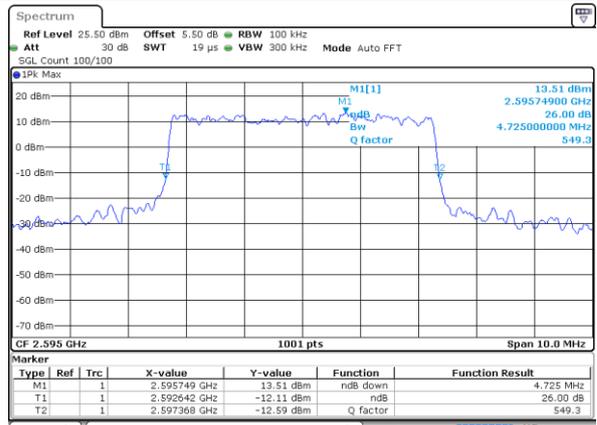
Date: 2 MAY 2018 19:27:04

Middle Channel / 5MHz / QPSK



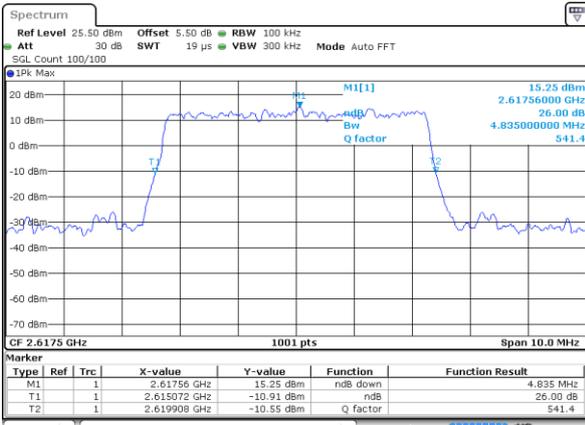
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Middle Channel / 5MHz / 16QAM



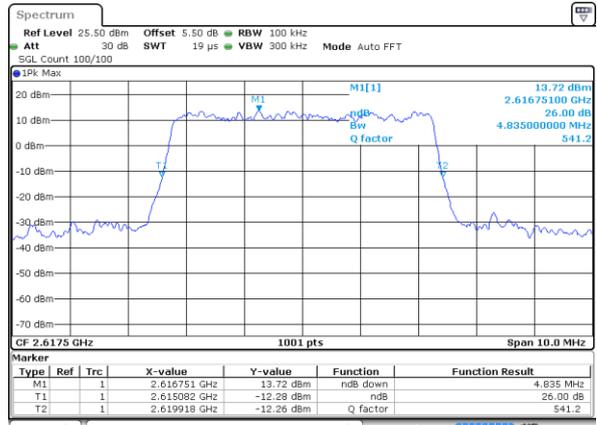
Date: 2 MAY 2018 19:44:13

Highest Channel / 5MHz / QPSK



Date: 2 MAY 2018 19:28:18

Highest Channel / 5MHz / 16QAM

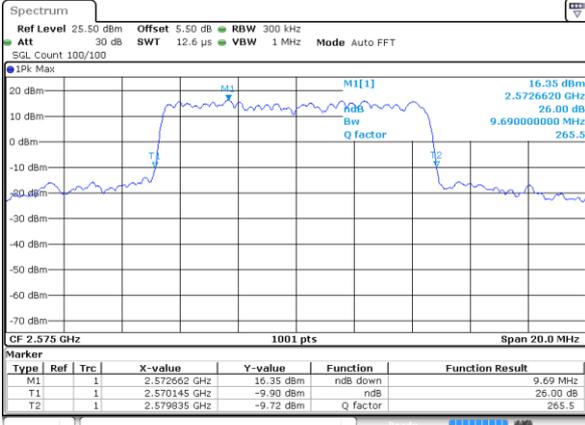


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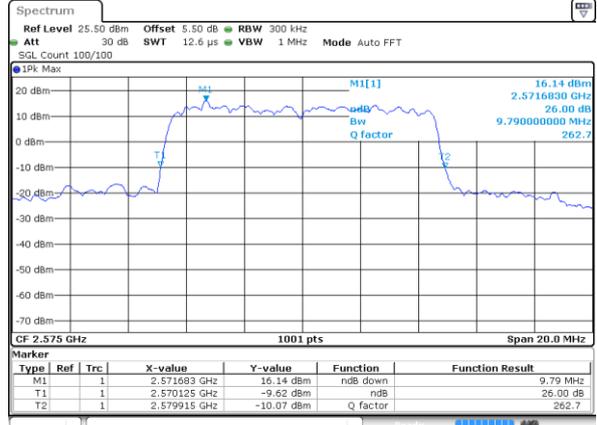
LTE Band 38

Lowest Channel / 10MHz / QPSK



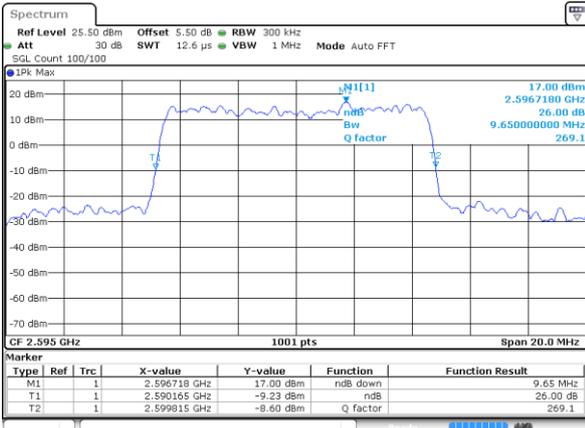
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Lowest Channel / 10MHz / 16QAM



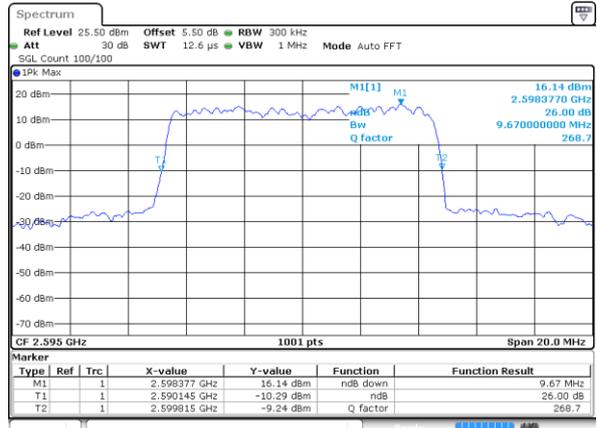
Date: 2 MAY 2018 19:29:11

Middle Channel / 10MHz / QPSK



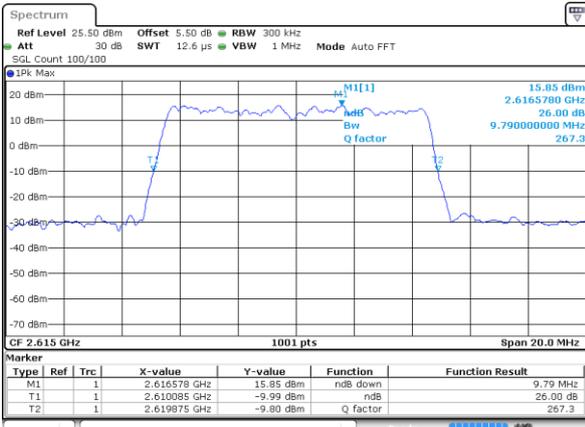
Date: 2 MAY 2018 19:29:43

Middle Channel / 10MHz / 16QAM



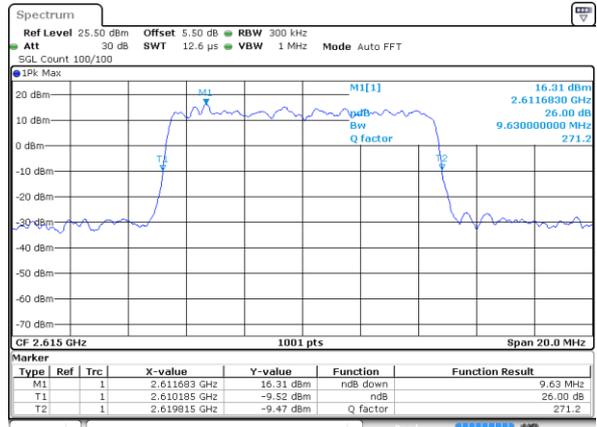
Date: 2 MAY 2018 19:29:53

Highest Channel / 10MHz / QPSK



Date: 2 MAY 2018 19:30:25

Highest Channel / 10MHz / 16QAM

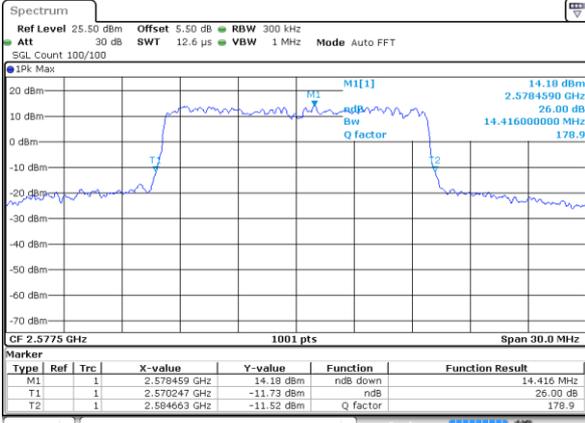


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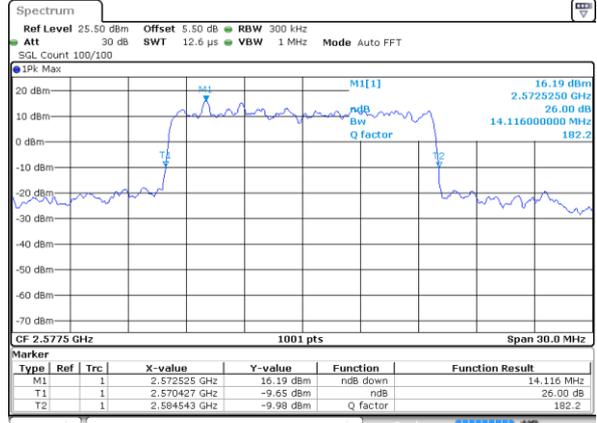
LTE Band 38

Lowest Channel / 15MHz / QPSK



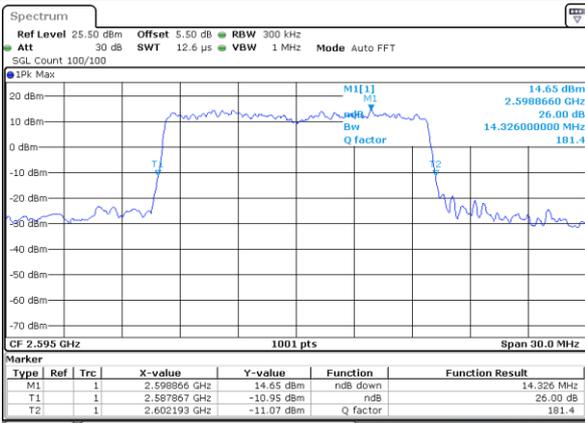
Date: 2 MAY 2018 19:31:07

Lowest Channel / 15MHz / 16QAM



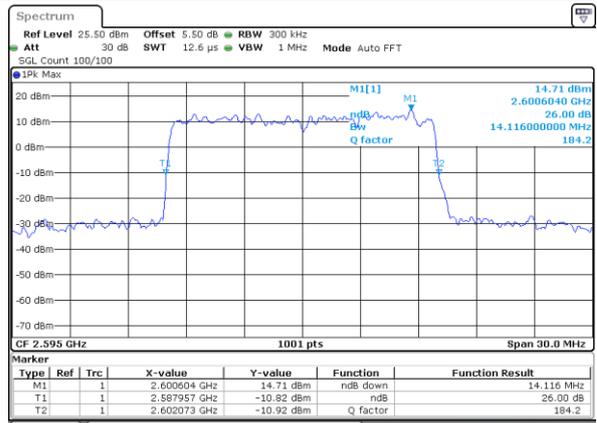
Date: 2 MAY 2018 19:31:18

Middle Channel / 15MHz / QPSK



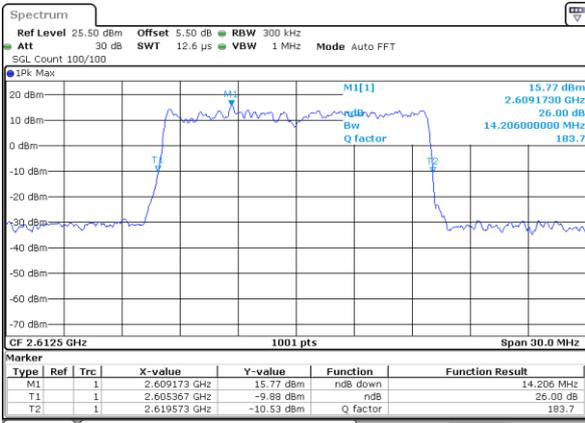
Date: 2 MAY 2018 19:31:50

Middle Channel / 15MHz / 16QAM



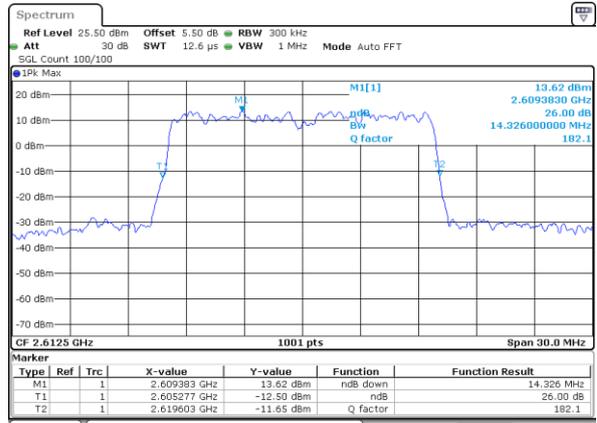
Date: 2 MAY 2018 19:32:01

Highest Channel / 15MHz / QPSK



Date: 2 MAY 2018 19:32:32

Highest Channel / 15MHz / 16QAM

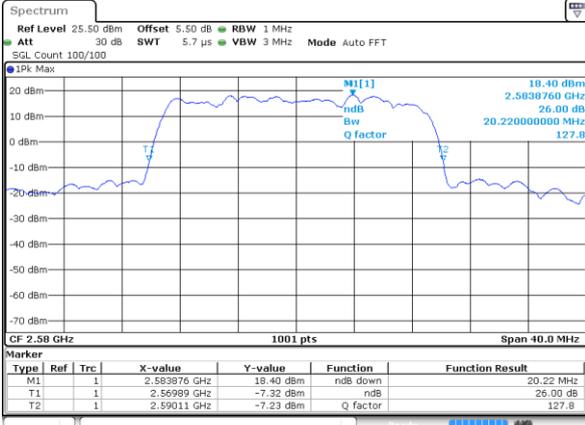


Date: 2 MAY 2018 19:32:43



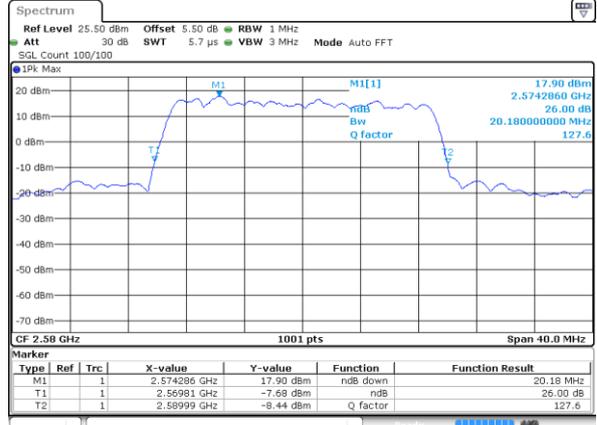
LTE Band 38

Lowest Channel / 20MHz / QPSK



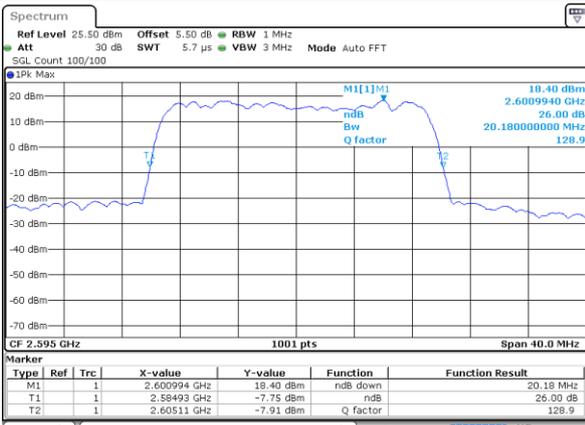
Date: 2 MAY 2018 19:33:15

Lowest Channel / 20MHz / 16QAM



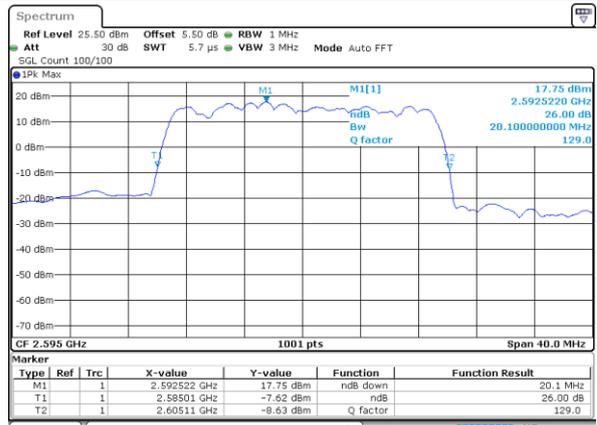
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Middle Channel / 20MHz / QPSK



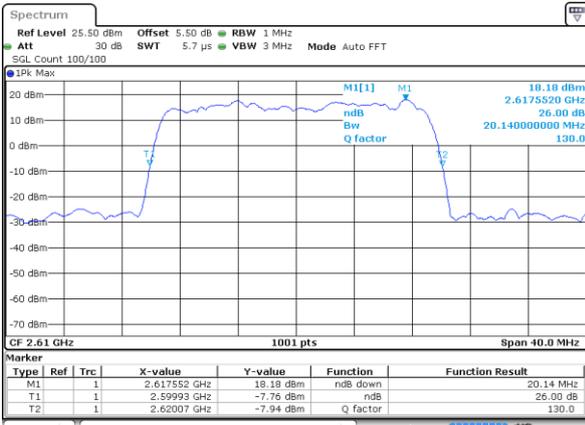
Date: 2 MAY 2018 19:33:57

Middle Channel / 20MHz / 16QAM



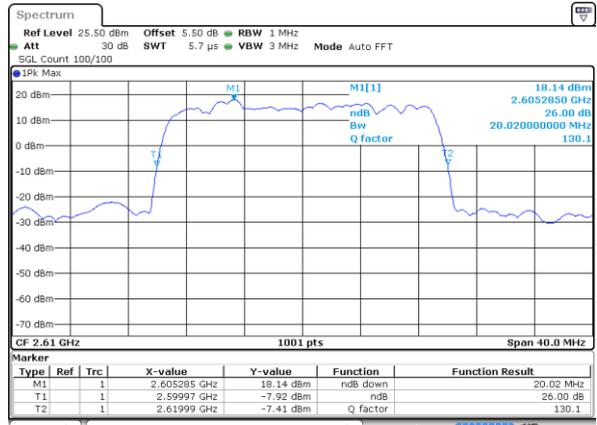
Date: 2 MAY 2018 19:34:06

Highest Channel / 20MHz / QPSK



Date: 2 MAY 2018 19:46:50

Highest Channel / 20MHz / 16QAM

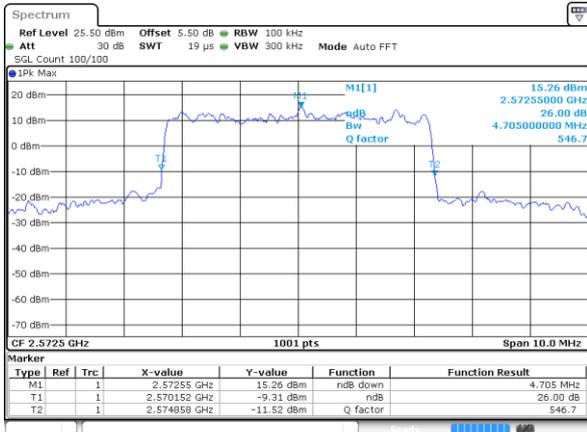


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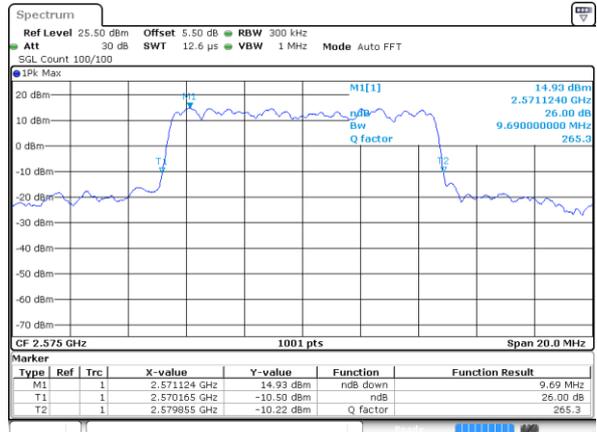
LTE Band 38

Lowest Channel / 5MHz / 64QAM



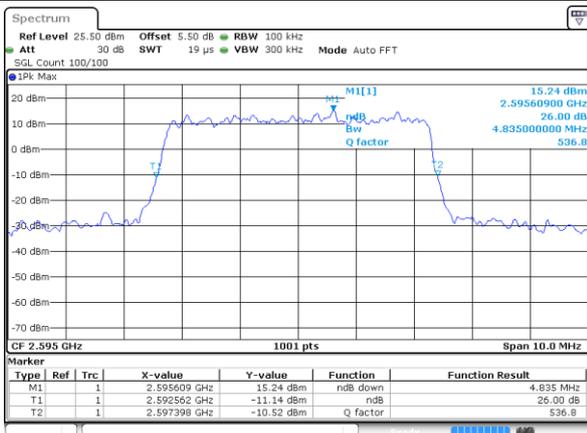
Date: 2 MAY 2018 19:35:11

Lowest Channel / 10MHz / 64QAM



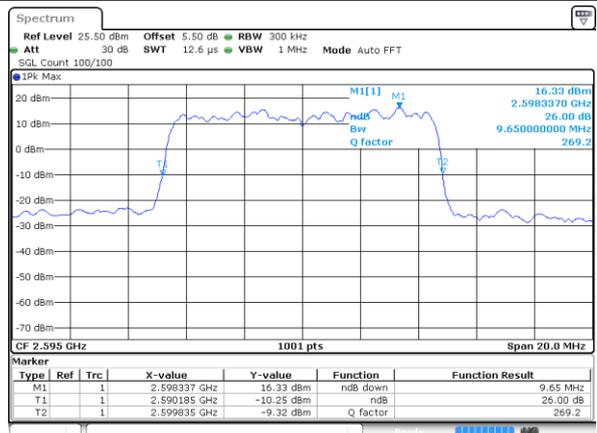
Date: 2 MAY 2018 19:36:15

Middle Channel / 5MHz / 64QAM



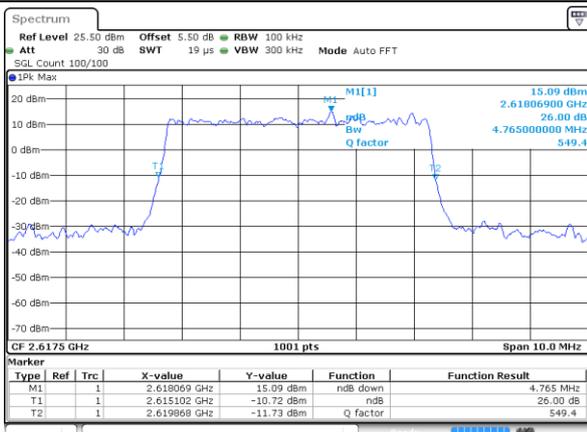
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Middle Channel / 10MHz / 64QAM



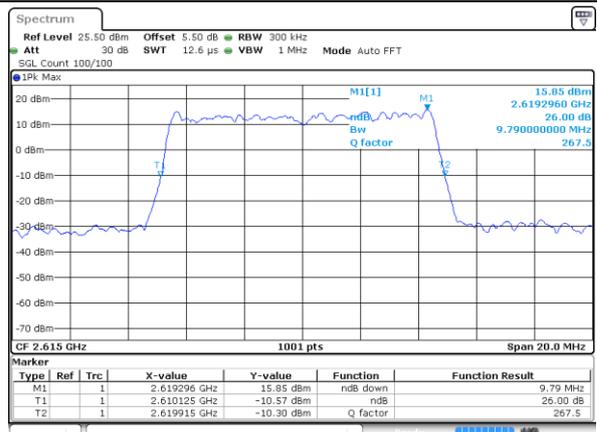
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Highest Channel / 5MHz / 64QAM



Date: 2 MAY 2018 19:35:54

Highest Channel / 10MHz / 64QAM

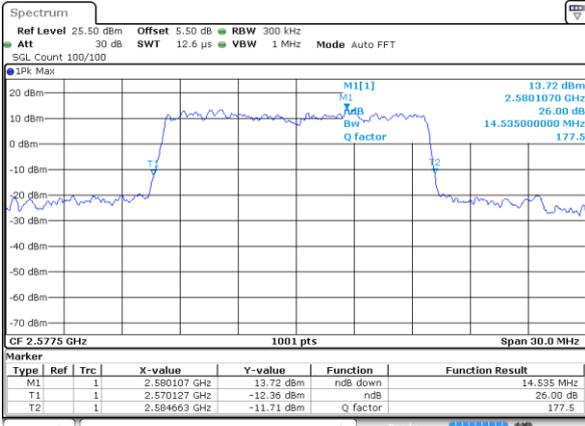


Date: 2 MAY 2018 19:36:57



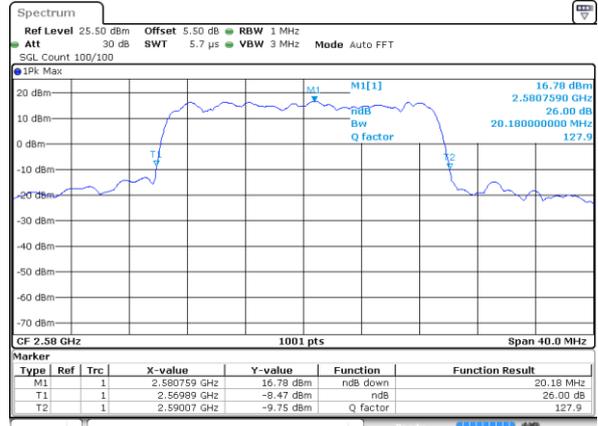
LTE Band 38

Lowest Channel / 15 MHz / 64QAM



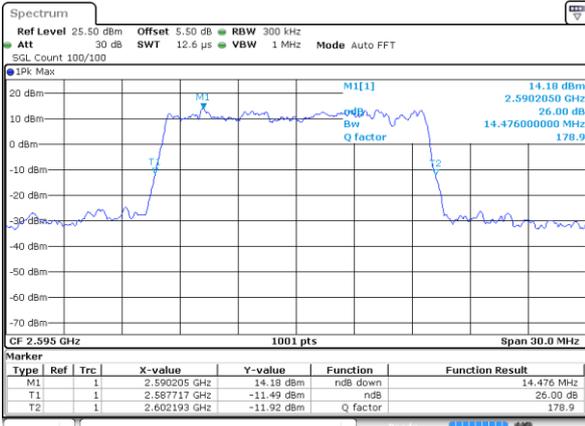
Date: 2 MAY 2016 19:37:19

Lowest Channel / 20MHz / 64QAM



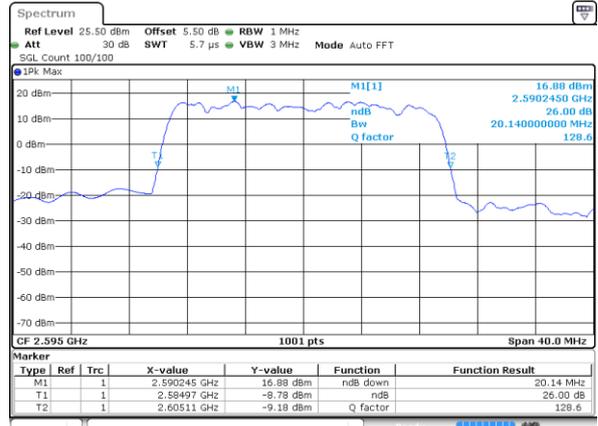
Date: 2 MAY 2016 19:38:22

Middle Channel / 15MHz / 64QAM



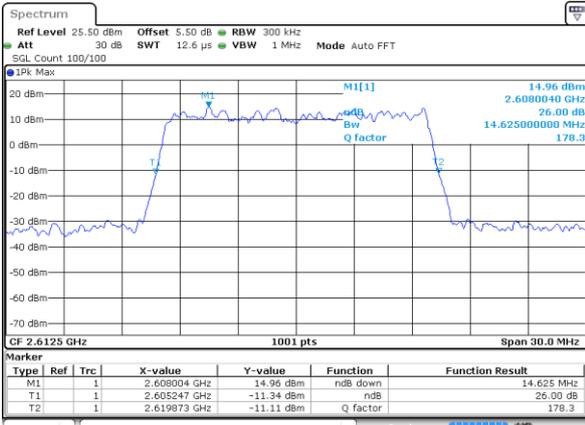
Date: 2 MAY 2016 19:37:40

Middle Channel / 20MHz / 64QAM



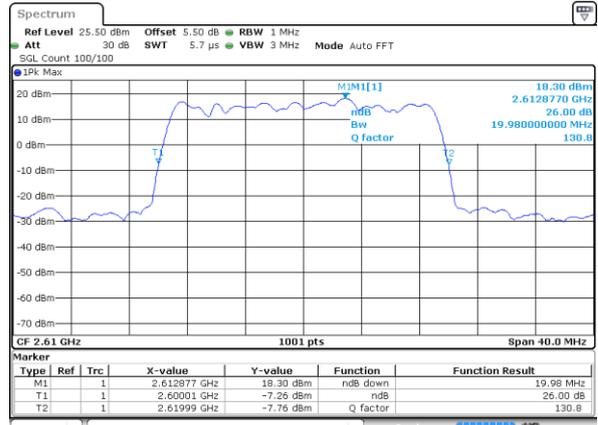
Date: 2 MAY 2016 19:38:43

Highest Channel / 15MHz / 64QAM



Date: 2 MAY 2016 19:38:01

Highest Channel / 20MHz / 64QAM



Date: 2 MAY 2016 19:38:05



Occupied Bandwidth

Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.71	2.71	4.52	4.51	9.17	9.07	13.49	13.46	18.26	18.38
Middle CH	1.09	1.09	2.70	2.72	4.50	4.50	9.01	8.99	13.52	13.46	18.38	18.50
Highest CH	1.09	1.09	2.71	2.71	4.50	4.49	9.01	9.05	13.40	13.43	18.26	18.38
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.71		4.53		9.05		13.46		18.30	
Middle CH	1.10		2.72		4.51		9.05		13.43		18.34	
Highest CH	1.10		2.72		4.51		9.07		13.46		18.26	

Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.09	1.10	2.71	2.69	4.50	4.51	8.99	8.95	13.43	13.49	18.22	18.54
Middle CH	1.09	1.09	2.71	2.70	4.49	4.51	9.13	8.97	13.43	13.52	18.54	18.30
Highest CH	1.08	1.09	2.71	2.72	4.51	4.51	9.05	9.05	13.46	13.55	18.34	18.50
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10		2.72		4.52		9.05		13.46		18.54	
Middle CH	1.09		2.71		4.52		9.01		13.40		18.46	
Highest CH	1.09		2.72		4.51		9.07		13.43		18.42	

Mode	LTE Band 5 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.69	2.70	4.52	4.48	9.05	9.05	1.09	2.72	4.51	9.05
Middle CH	1.09	1.09	2.72	2.72	4.48	4.51	9.03	9.03	1.09	2.71	4.52	9.01
Highest CH	1.09	1.10	2.72	2.70	4.50	4.53	9.07	9.03	1.09	2.72	4.50	9.09



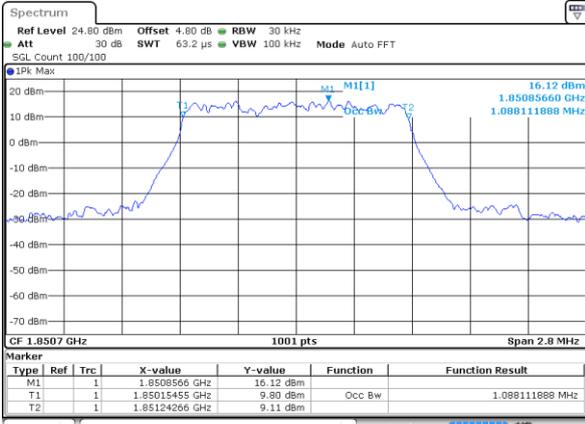
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.50	9.07	9.05	13.40	13.49	18.38	18.34
Middle CH	-	-	-	-	4.51	4.51	9.05	8.99	13.46	13.43	18.46	18.38
Highest CH	-	-	-	-	4.53	4.50	9.09	9.05	13.52	13.37	18.30	18.26
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	4.49		9.09		13.43		18.22					
Middle CH	4.50		9.07		13.49		18.54					
Highest CH	4.53		9.11		13.46		18.42					

Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.51	9.01	9.05	13.49	13.49	18.46	18.34
Middle CH	-	-	-	-	4.47	4.48	9.09	9.01	13.43	13.37	18.42	18.30
Highest CH	-	-	-	-	4.48	4.48	9.03	9.03	13.49	13.43	18.22	18.38
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.48		9.01		13.43		18.22	
Middle CH	-		-		4.50		9.07		13.37		18.38	
Highest CH	-		-		4.51		9.05		13.43		18.30	



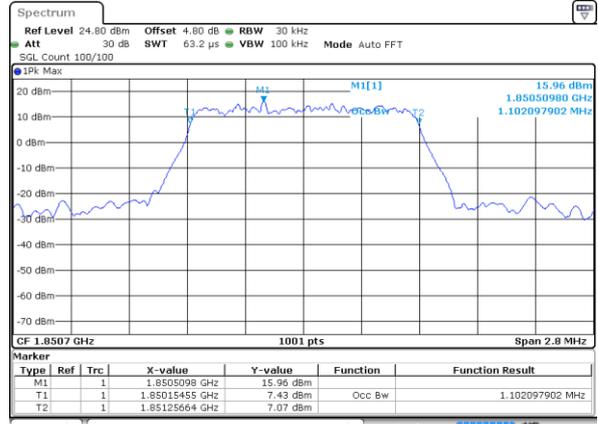
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



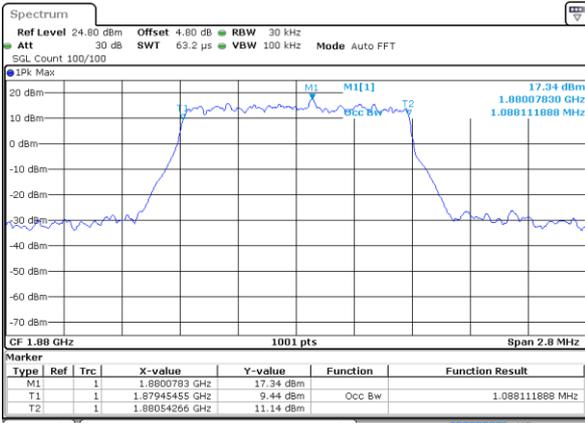
Date: 28 APR 2018 09:44:20

Lowest Channel / 1.4MHz / 16QAM



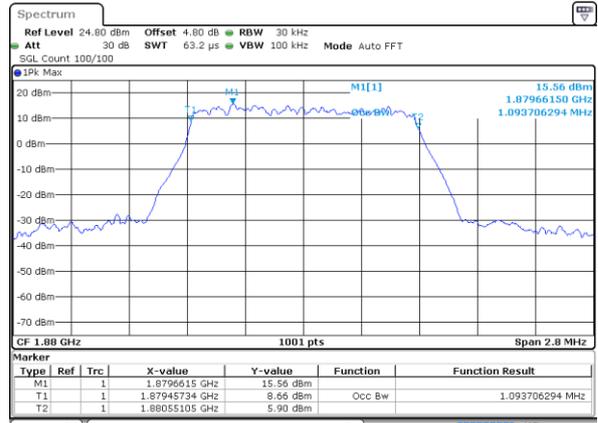
Date: 28 APR 2018 09:44:31

Middle Channel / 1.4MHz / QPSK



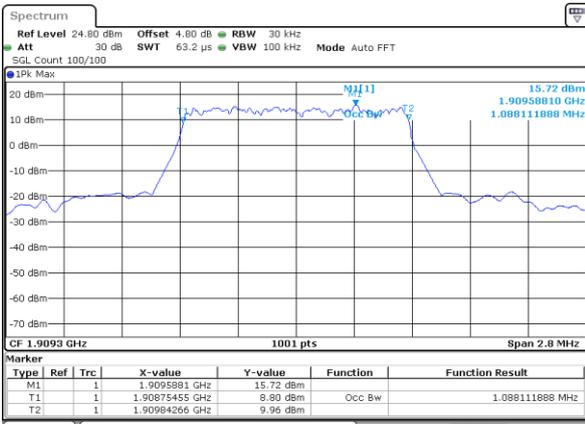
Date: 28 APR 2018 09:51:20

Middle Channel / 1.4MHz / 16QAM



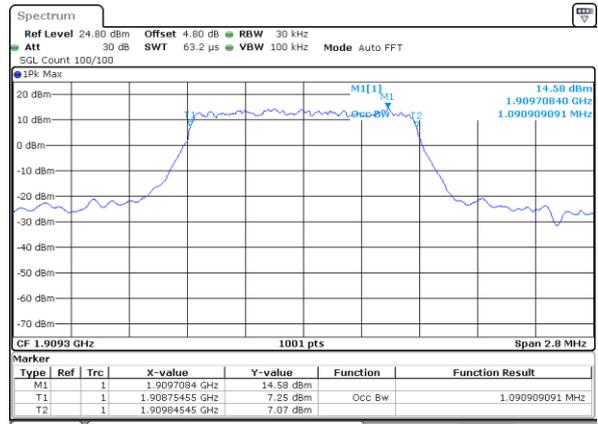
Date: 28 APR 2018 09:51:30

Highest Channel / 1.4MHz / QPSK



Date: 28 APR 2018 09:53:49

Highest Channel / 1.4MHz / 16QAM

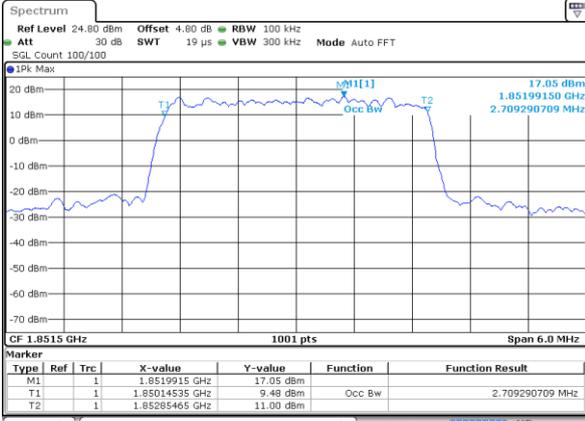


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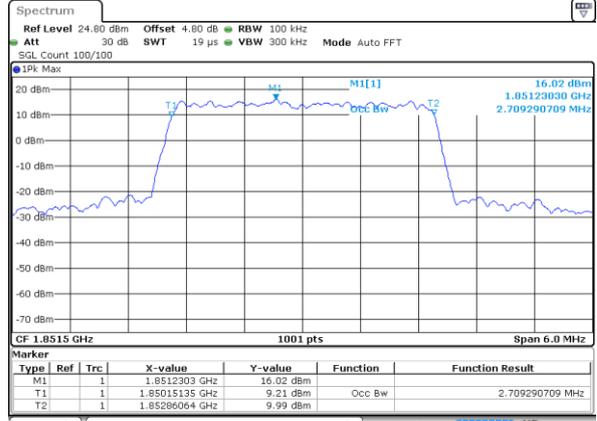
LTE Band 2

Lowest Channel / 3MHz / QPSK



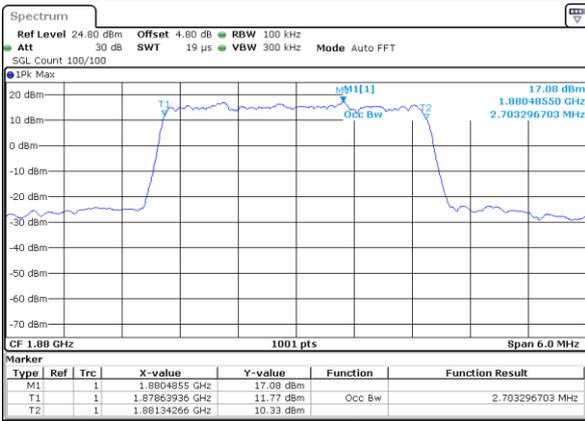
Date: 28 APR 2018 10:00:47

Lowest Channel / 3MHz / 16QAM



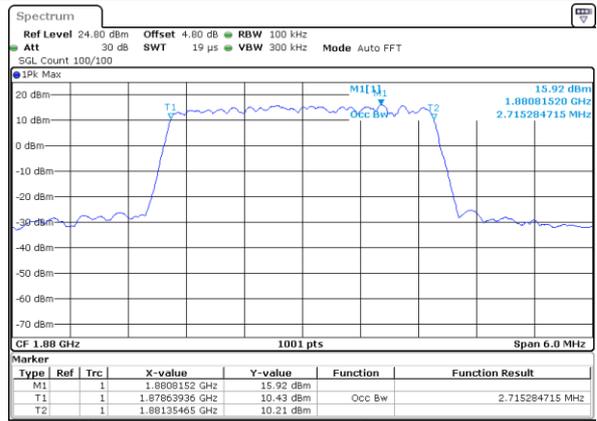
Date: 28 APR 2018 10:00:57

Middle Channel / 3MHz / QPSK



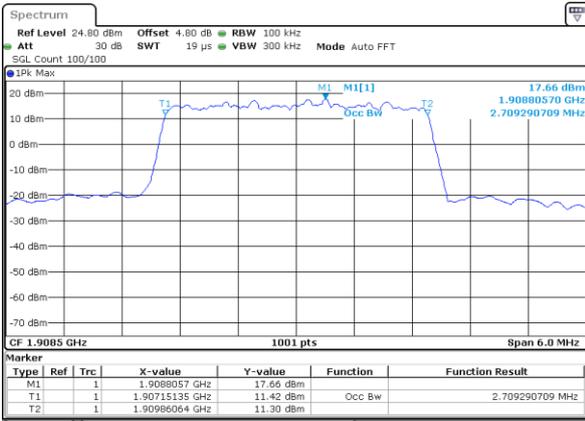
Date: 28 APR 2018 10:07:46

Middle Channel / 3MHz / 16QAM



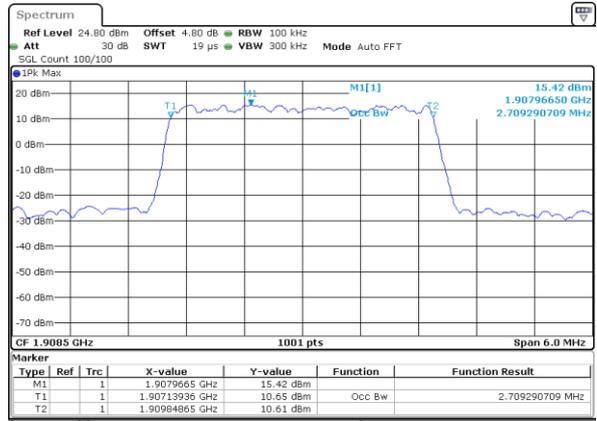
Date: 28 APR 2018 10:07:56

Highest Channel / 3MHz / QPSK



Date: 28 APR 2018 10:10:15

Highest Channel / 3MHz / 16QAM

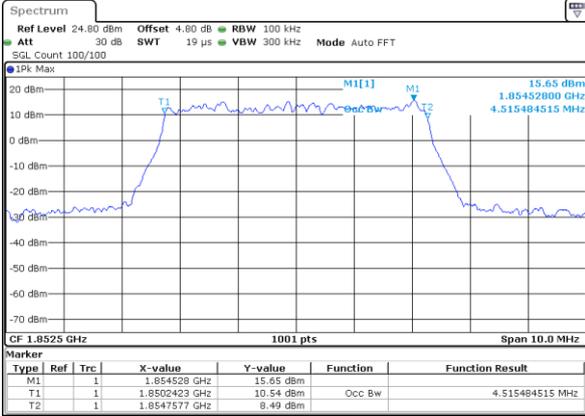


Date: 28 APR 2018 10:10:25



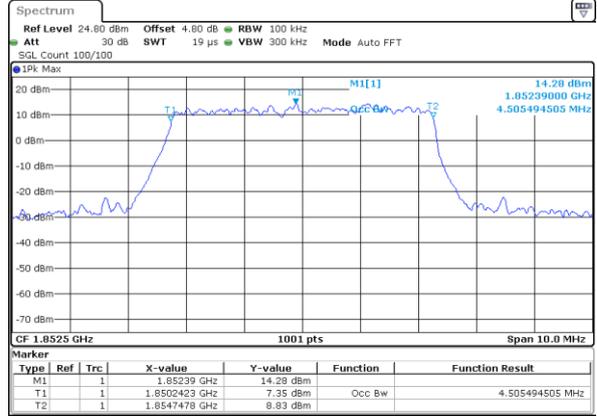
LTE Band 2

Lowest Channel / 5MHz / QPSK



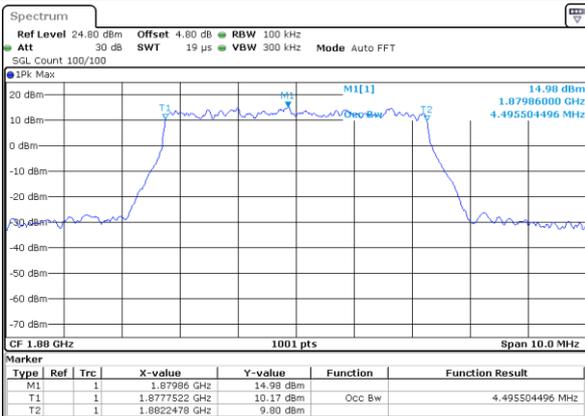
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Lowest Channel / 5MHz / 16QAM



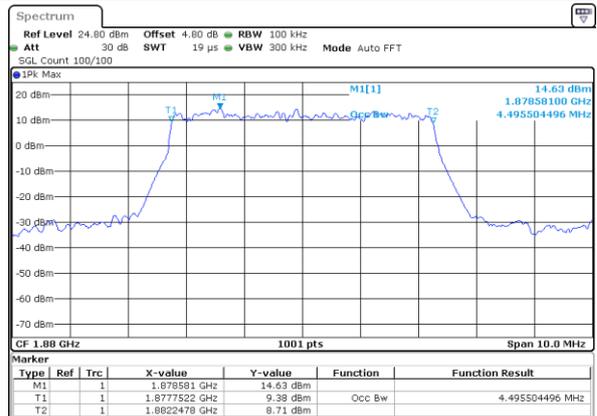
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Middle Channel / 5MHz / QPSK



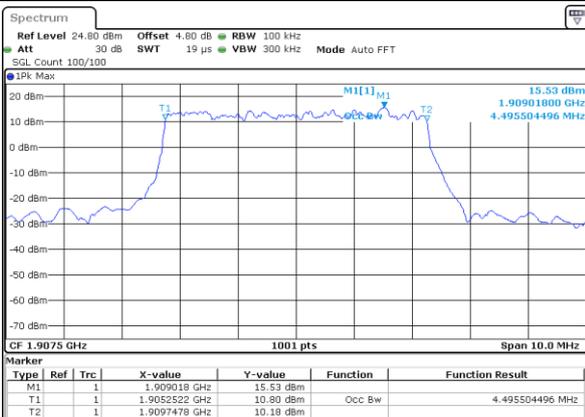
Date: 28 APR 2018 10:24:12

Middle Channel / 5MHz / 16QAM



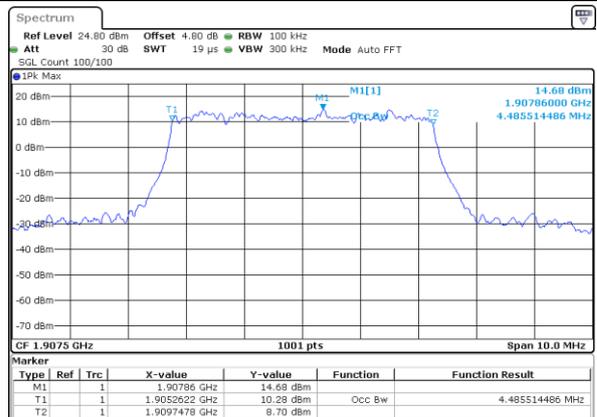
Date: 28 APR 2018 10:24:22

Highest Channel / 5MHz / QPSK



Date: 28 APR 2018 10:26:41

Highest Channel / 5MHz / 16QAM

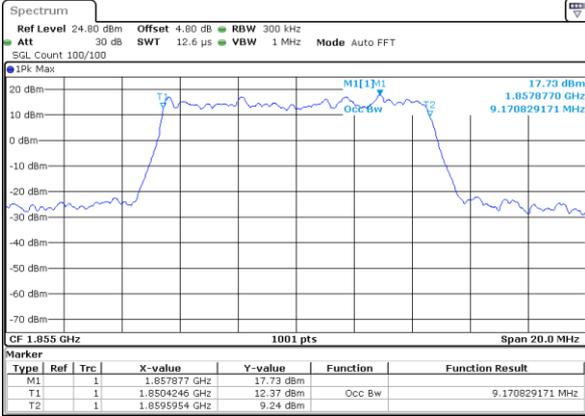


Date: 28 APR 2018 10:26:51



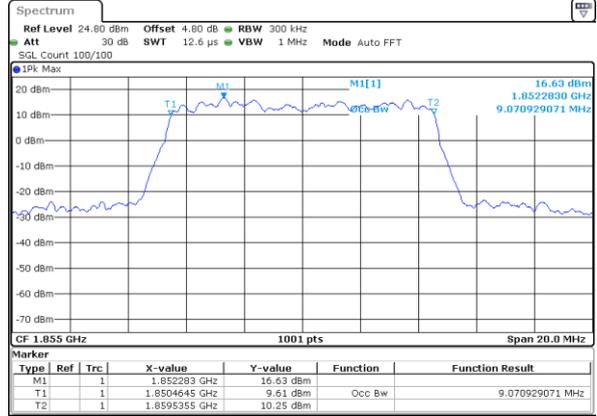
LTE Band 2

Lowest Channel / 10MHz / QPSK



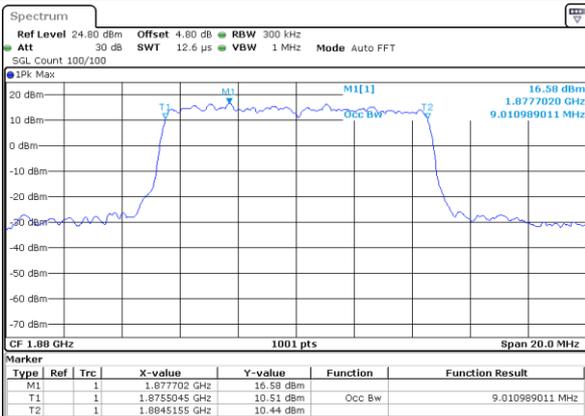
Date: 28 APR 2018 10:33:39

Lowest Channel / 10MHz / 16QAM



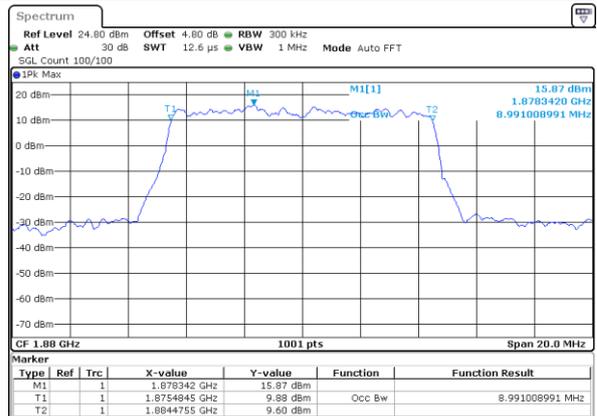
Date: 28 APR 2018 10:33:49

Middle Channel / 10MHz / QPSK



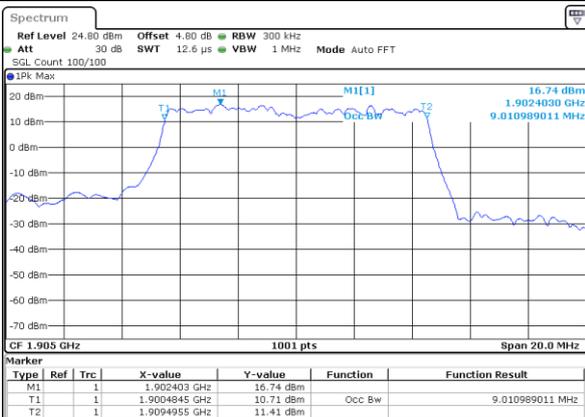
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Middle Channel / 10MHz / 16QAM



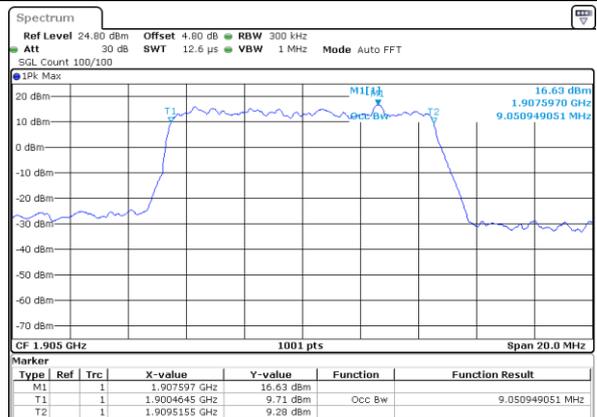
Date: 28 APR 2018 10:40:48

Highest Channel / 10MHz / QPSK



Date: 28 APR 2018 10:43:07

Highest Channel / 10MHz / 16QAM

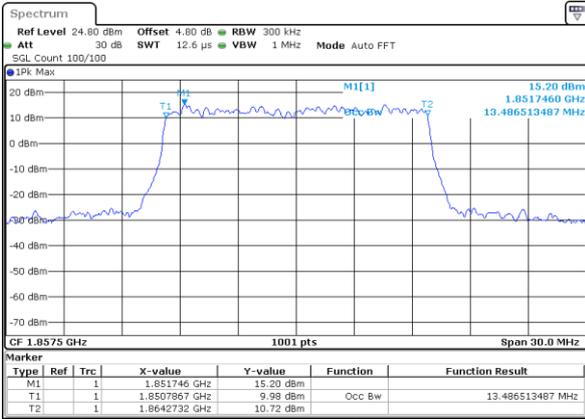


Date: 28 APR 2018 10:43:17



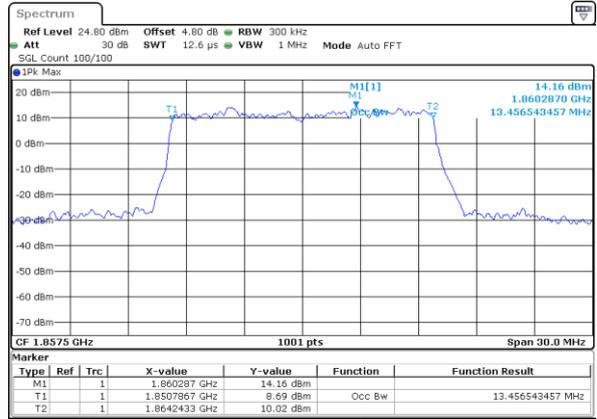
LTE Band 2

Lowest Channel / 15MHz / QPSK



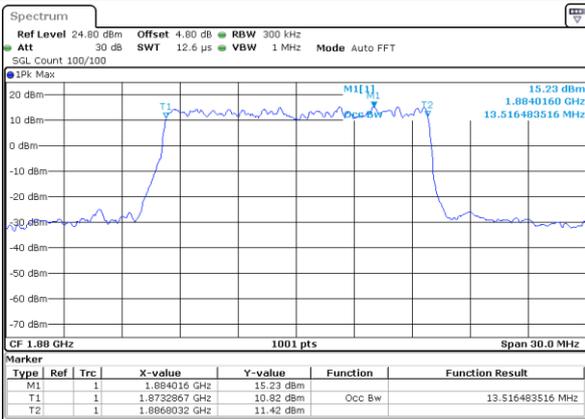
Date: 28 APR 2018 10:50:06

Lowest Channel / 15MHz / 16QAM



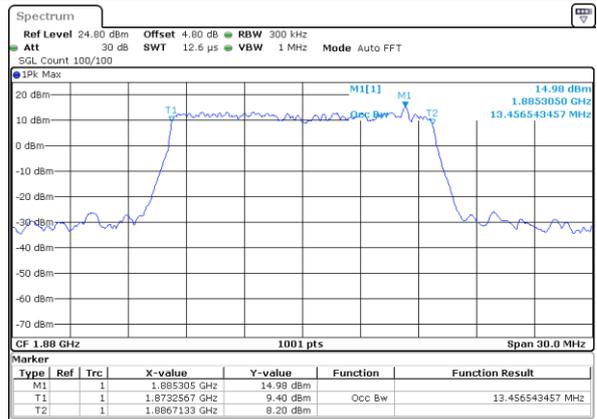
Date: 28 APR 2018 10:50:16

Middle Channel / 15MHz / QPSK



Date: 28 APR 2018 10:57:04

Middle Channel / 15MHz / 16QAM



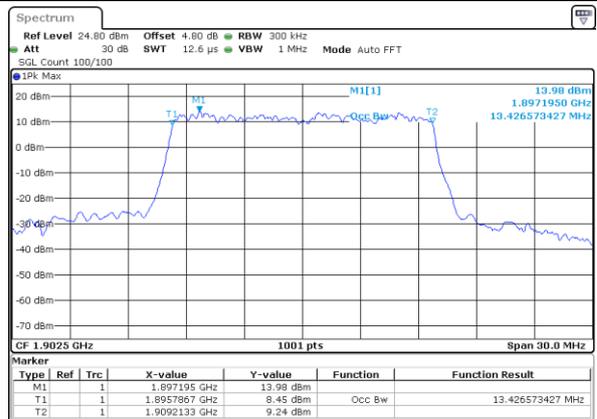
Date: 28 APR 2018 10:57:14

Highest Channel / 15MHz / QPSK



Date: 28 APR 2018 10:59:33

Highest Channel / 15MHz / 16QAM

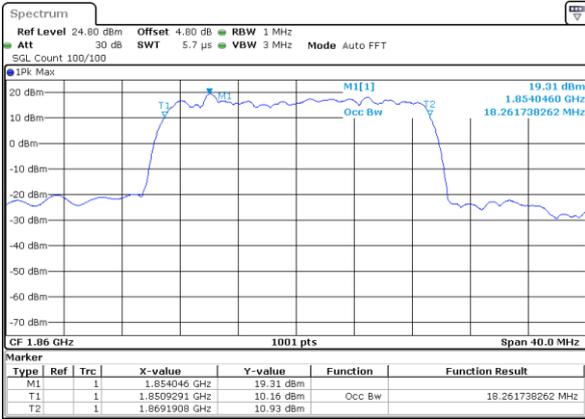


Date: 28 APR 2018 10:59:43



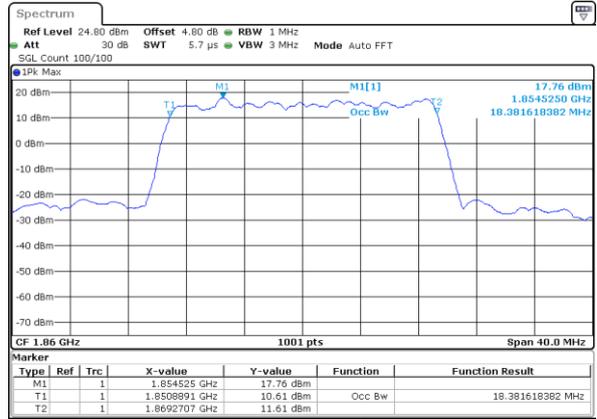
LTE Band 2

Lowest Channel / 20MHz / QPSK



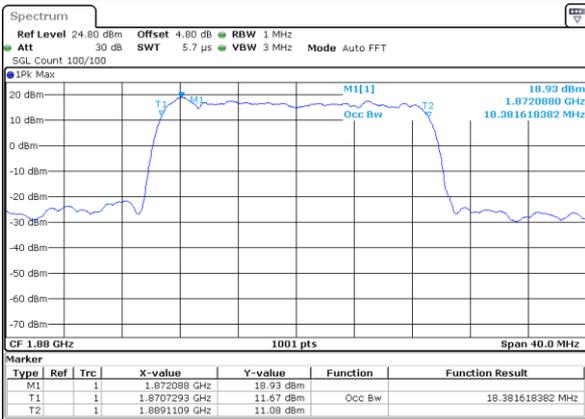
Date: 28 APR 2018 11:06:32

Lowest Channel / 20MHz / 16QAM



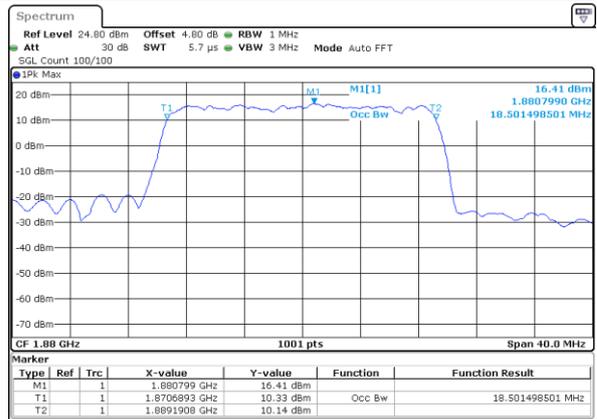
Date: 28 APR 2018 11:06:42

Middle Channel / 20MHz / QPSK



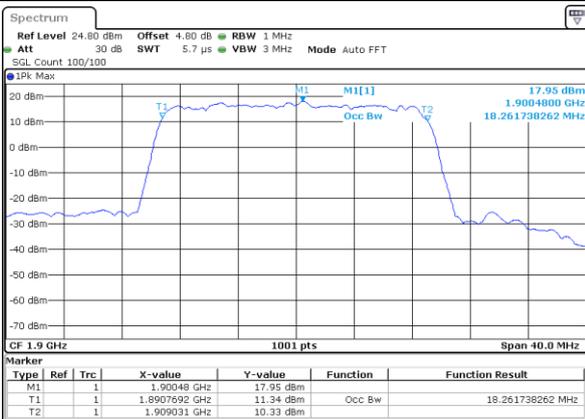
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Middle Channel / 20MHz / 16QAM



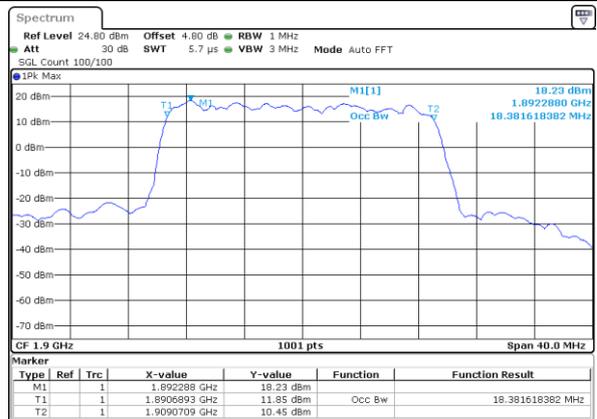
Date: 28 APR 2018 11:13:40

Highest Channel / 20MHz / QPSK



Date: 28 APR 2018 11:15:59

Highest Channel / 20MHz / 16QAM

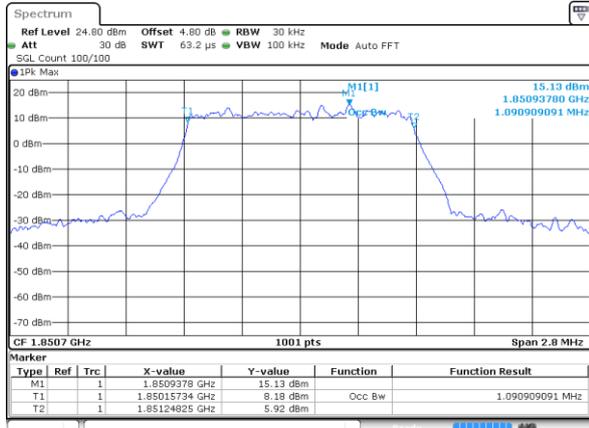


Date: 28 APR 2018 11:16:09



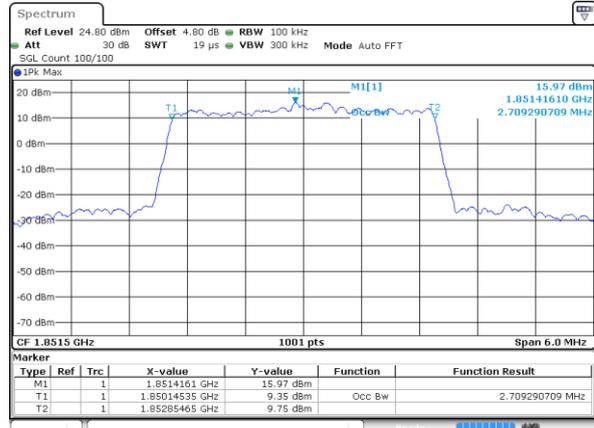
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



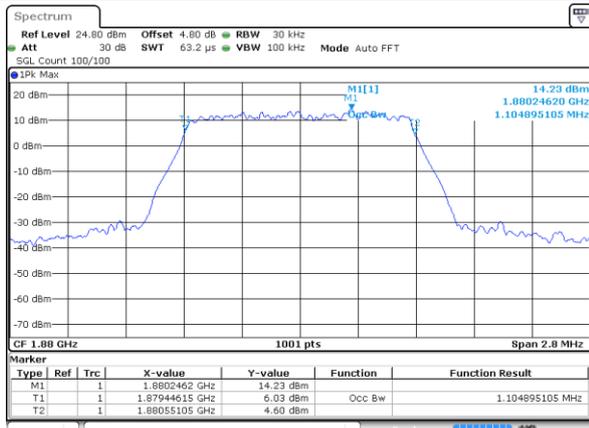
Date: 28 APR 2018 11:35:08

Lowest Channel / 3MHz / 64QAM



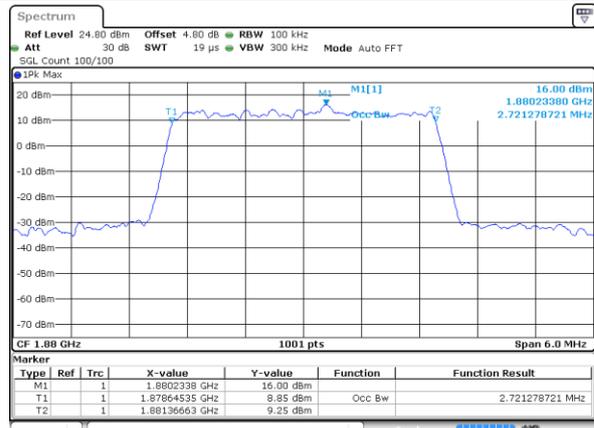
Date: 28 APR 2018 11:35:38

Middle Channel / 1.4MHz / 64QAM



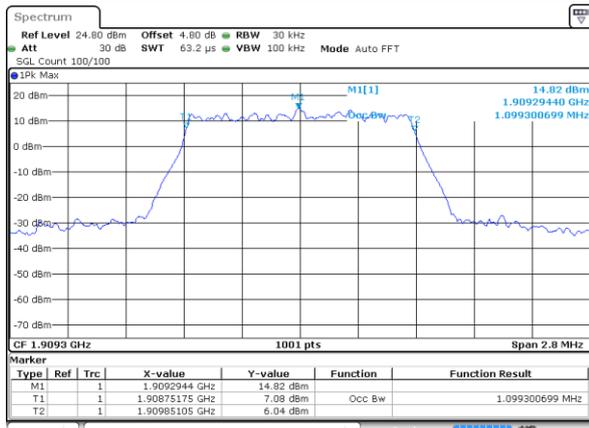
Date: 28 APR 2018 11:35:18

Middle Channel / 3MHz / 64QAM



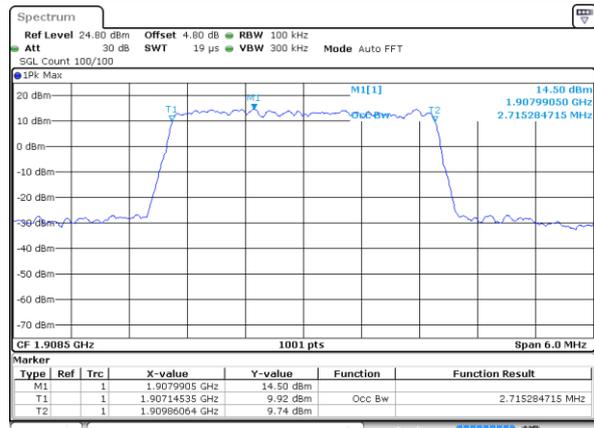
Date: 28 APR 2018 11:35:48

Highest Channel / 1.4MHz / 64QAM



Date: 28 APR 2018 11:35:28

Highest Channel / 3MHz / 64QAM

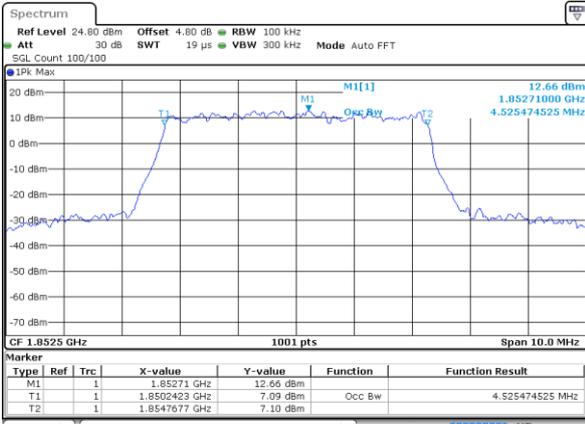


Date: 28 APR 2018 11:35:58



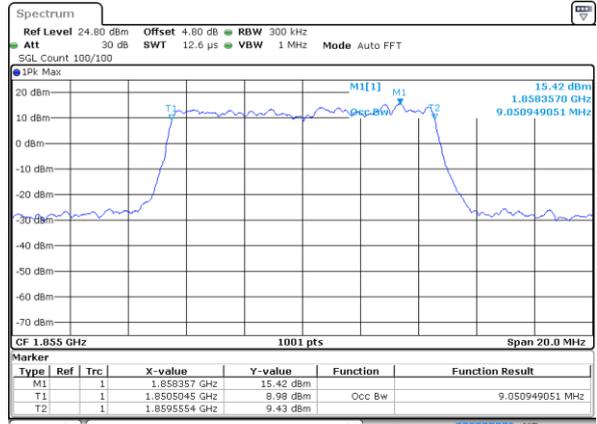
LTE Band 2

Lowest Channel / 5MHz / 64QAM



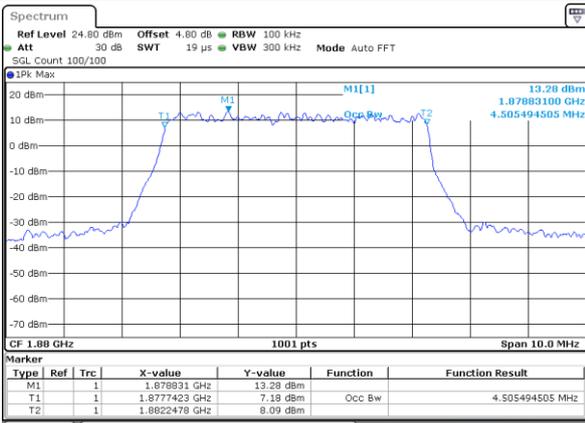
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Lowest Channel / 10MHz / 64QAM



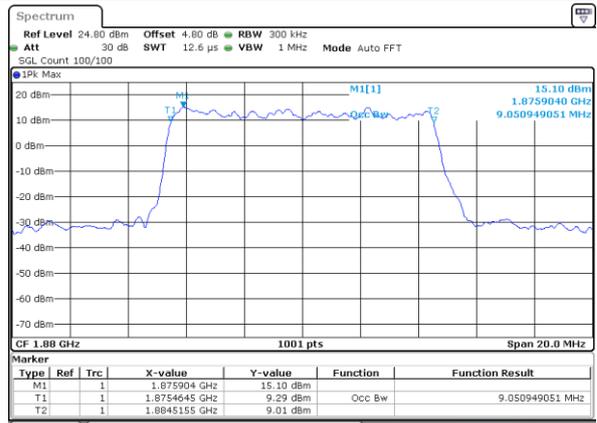
Date: 28 APR 2018 11:36:38

Middle Channel / 5MHz / 64QAM



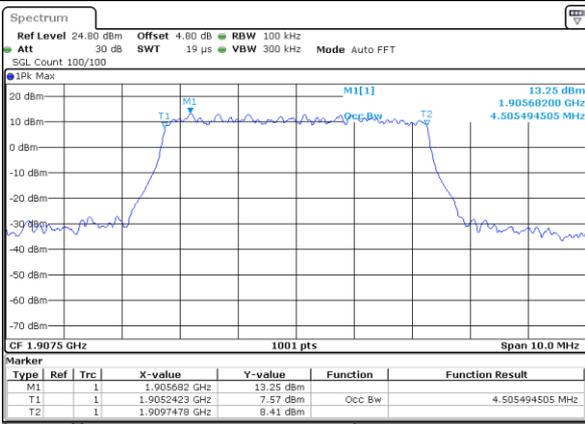
Date: 28 APR 2018 11:36:18

Middle Channel / 10MHz / 64QAM



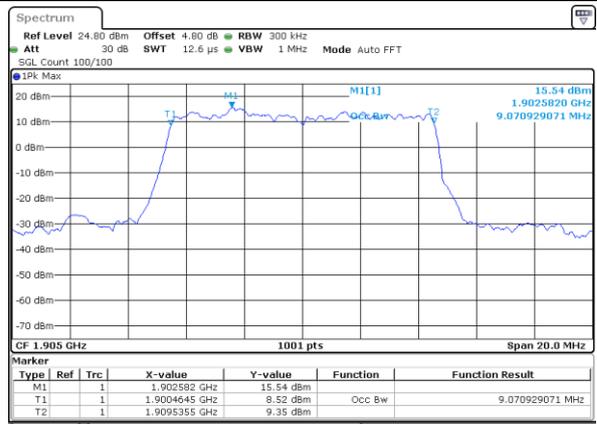
Date: 28 APR 2018 11:36:48

Highest Channel / 5MHz / 64QAM



Date: 28 APR 2018 11:36:28

Highest Channel / 10MHz / 64QAM



Date: 28 APR 2018 11:36:58