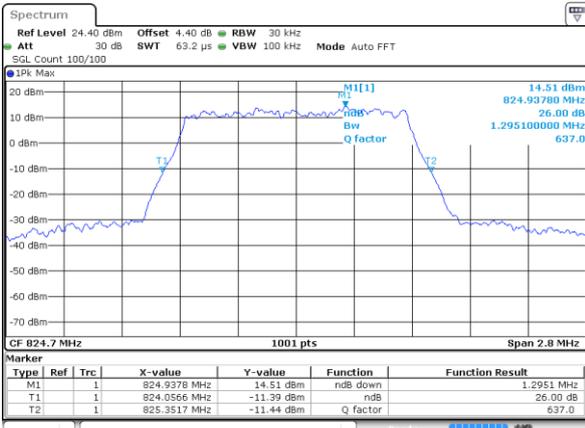




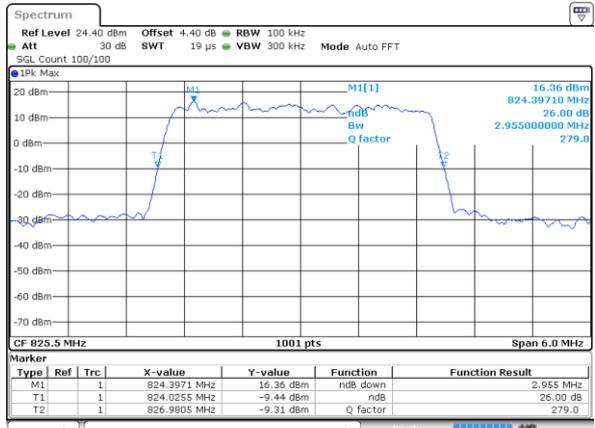
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



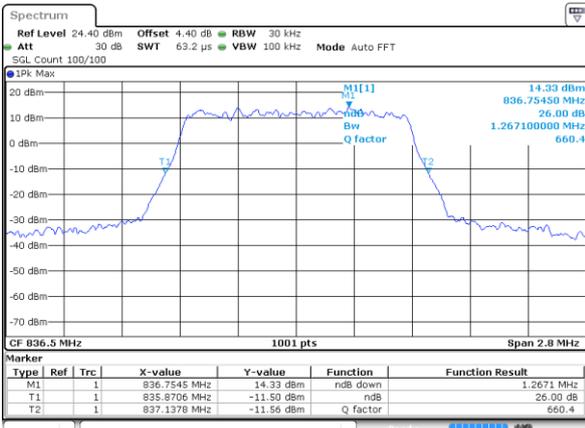
Date: 25 APR 2018 21:47:49

Lowest Channel / 3MHz / 64QAM



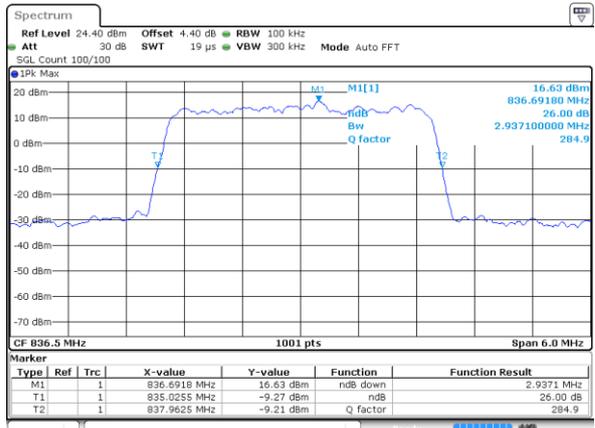
Date: 25 APR 2018 21:58:01

Middle Channel / 1.4MHz / 64QAM



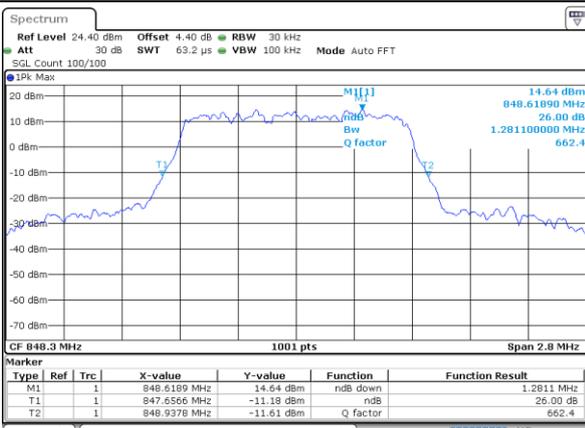
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Middle Channel / 3MHz / 64QAM



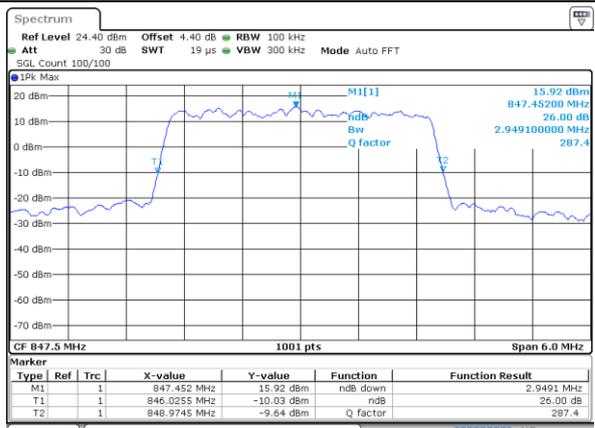
Date: 25 APR 2018 22:02:31

Highest Channel / 1.4MHz / 64QAM



Date: 25 APR 2018 21:53:32

Highest Channel / 3MHz / 64QAM

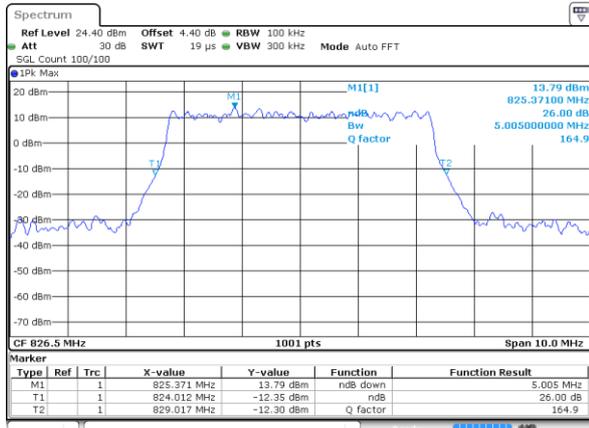


Date: 25 APR 2018 22:09:12



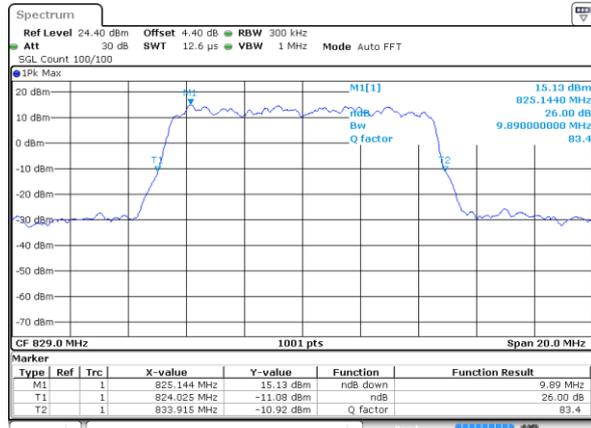
LTE Band 5

Lowest Channel / 5MHz / 64QAM



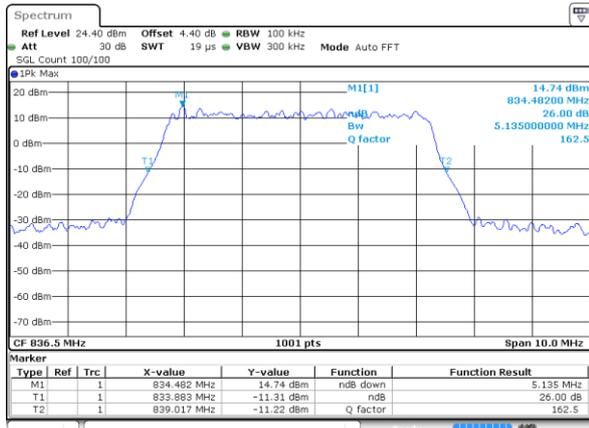
Date: 25 APR 2018 22:13:42

Lowest Channel / 10MHz / 64QAM



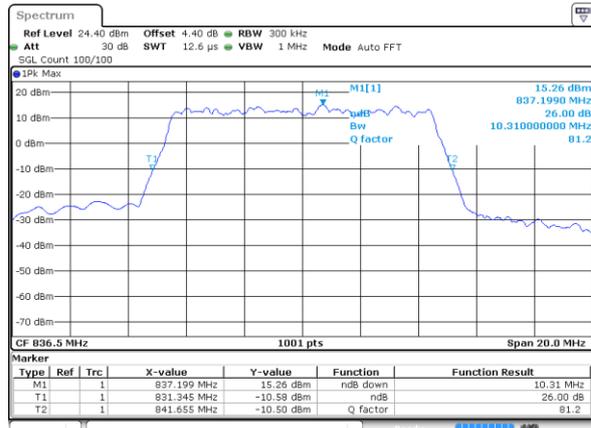
Date: 25 APR 2018 22:23:54

Middle Channel / 5MHz / 64QAM



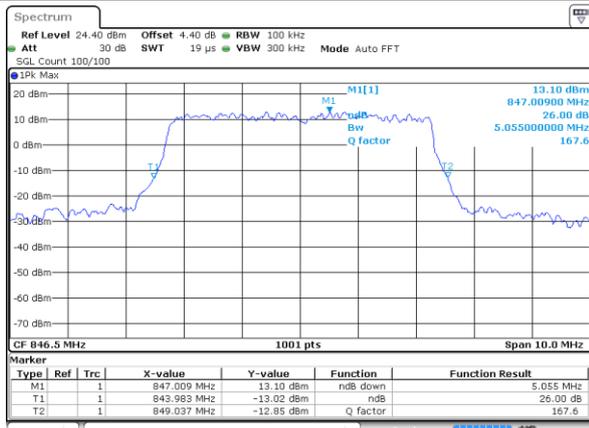
Date: 25 APR 2018 22:18:11

Middle Channel / 10MHz / 64QAM



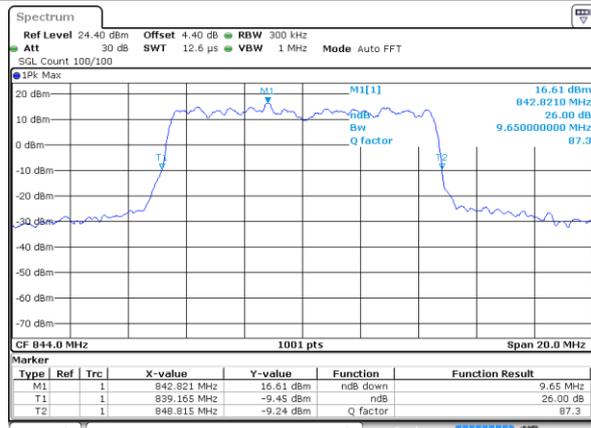
Date: 25 APR 2018 22:28:24

Highest Channel / 5MHz / 64QAM



Date: 25 APR 2018 22:19:25

Highest Channel / 10MHz / 64QAM

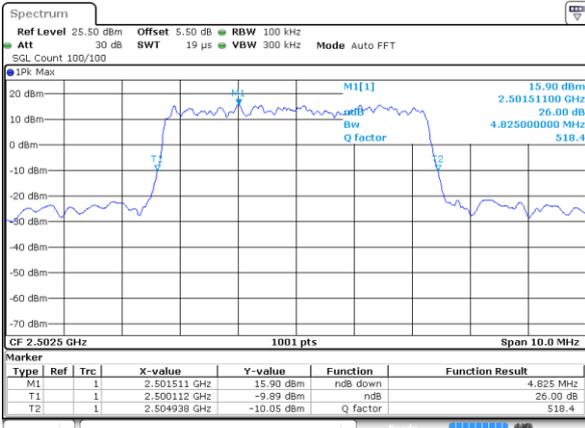


Date: 25 APR 2018 22:29:38



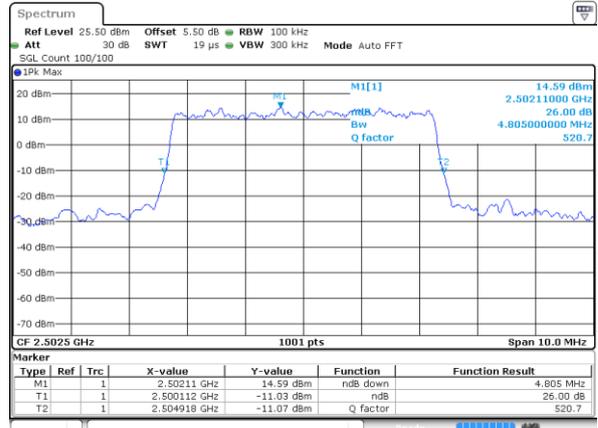
LTE Band 7

Lowest Channel / 5MHz / QPSK



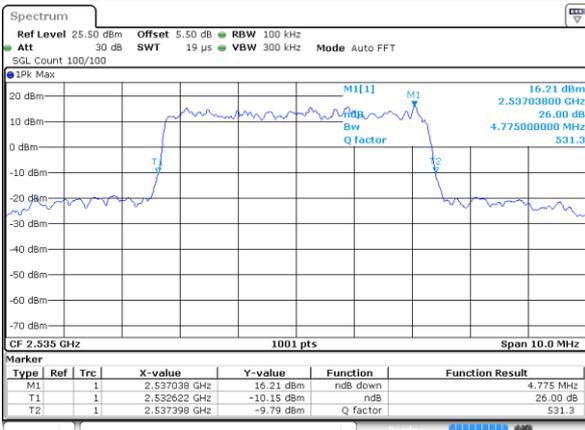
Date: 9 MAY 2018 15:16:49

Lowest Channel / 5MHz / 16QAM



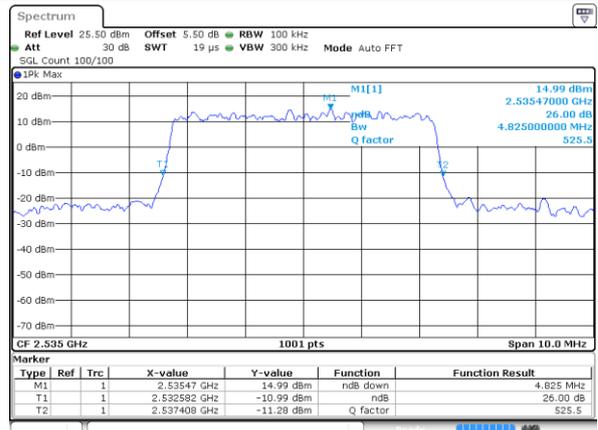
Date: 9 MAY 2018 15:17:11

Middle Channel / 5MHz / QPSK



Date: 9 MAY 2018 15:21:33

Middle Channel / 5MHz / 16QAM



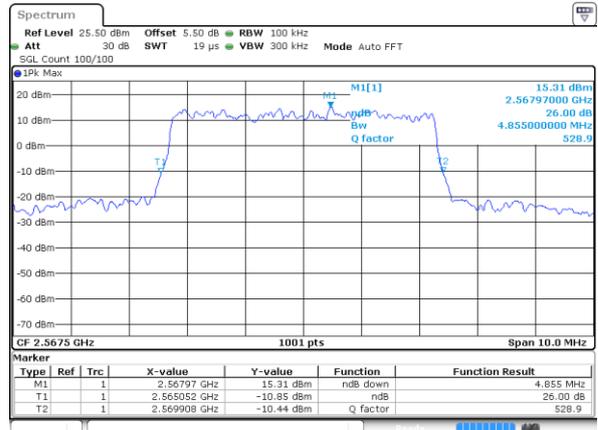
Date: 9 MAY 2018 15:21:12

Highest Channel / 5MHz / QPSK



Date: 9 MAY 2018 15:21:55

Highest Channel / 5MHz / 16QAM

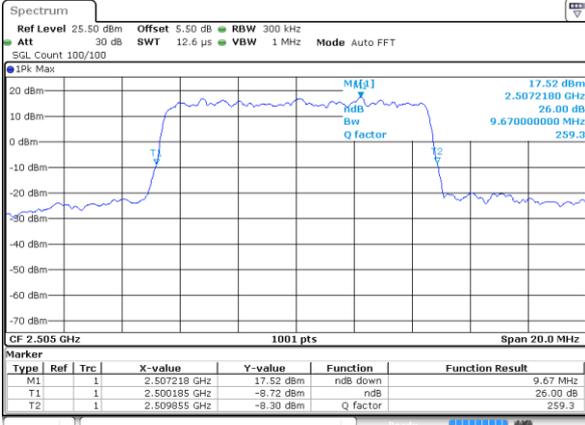


Date: 9 MAY 2018 15:22:17



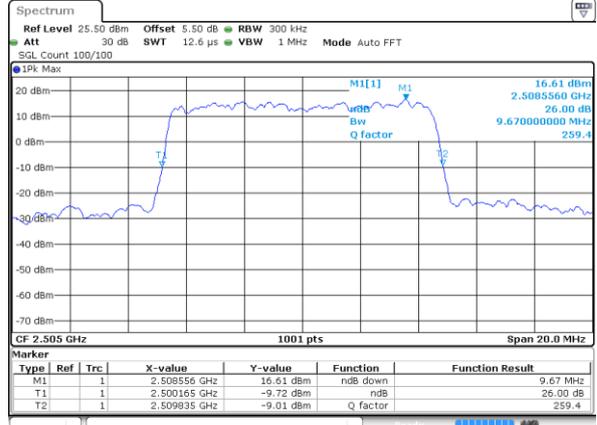
LTE Band 7

Lowest Channel / 10MHz / QPSK



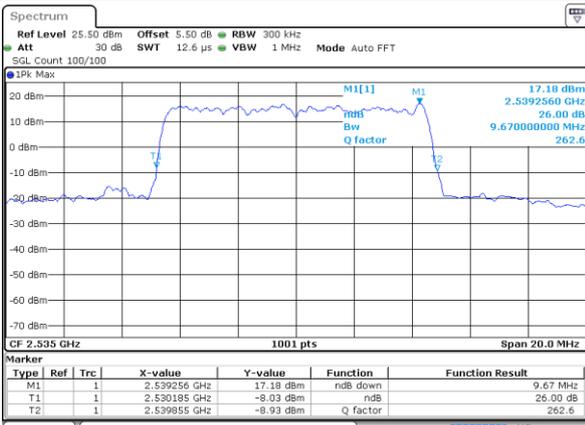
Date: 9 MAY 2018 15:24:28

Lowest Channel / 10MHz / 16QAM



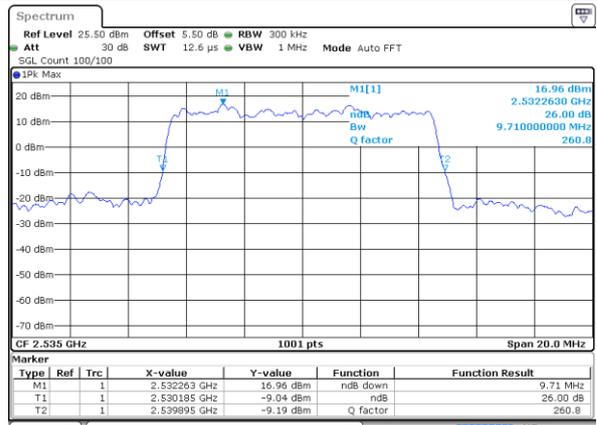
Date: 9 MAY 2018 15:24:50

Middle Channel / 10MHz / QPSK



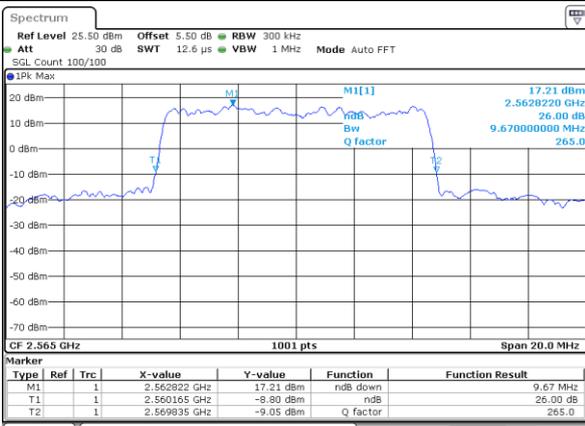
Date: 9 MAY 2018 15:29:10

Middle Channel / 10MHz / 16QAM



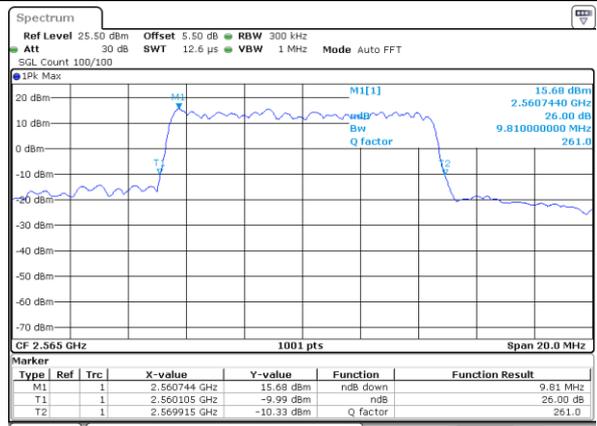
Date: 9 MAY 2018 15:28:49

Highest Channel / 10MHz / QPSK



Date: 9 MAY 2018 15:29:32

Highest Channel / 10MHz / 16QAM

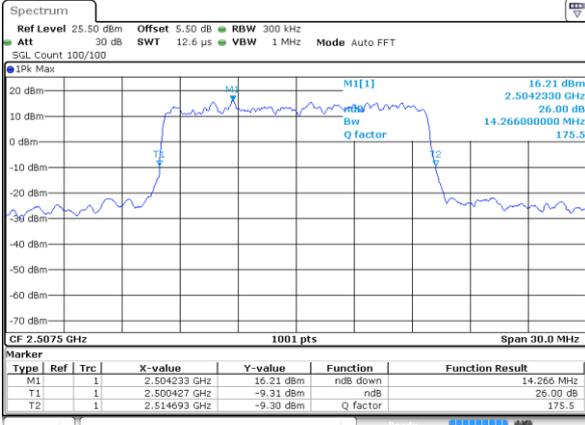


Date: 9 MAY 2018 15:29:53



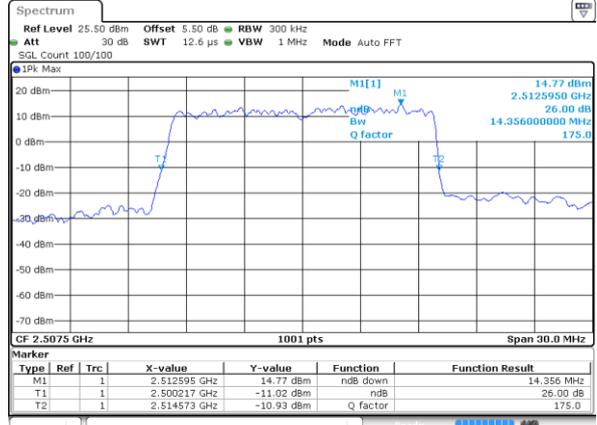
LTE Band 7

Lowest Channel / 15MHz / QPSK



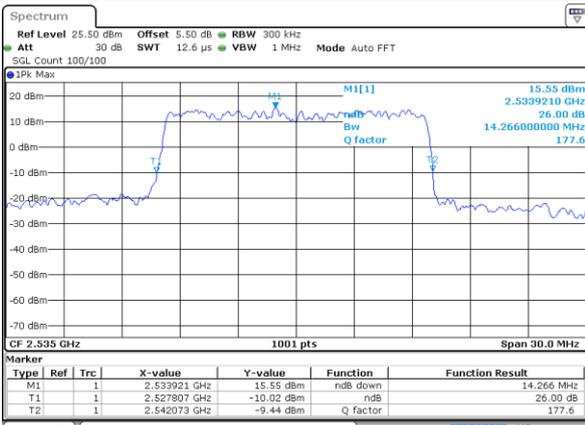
Date: 9 MAY 2018 15:32:03

Lowest Channel / 15MHz / 16QAM



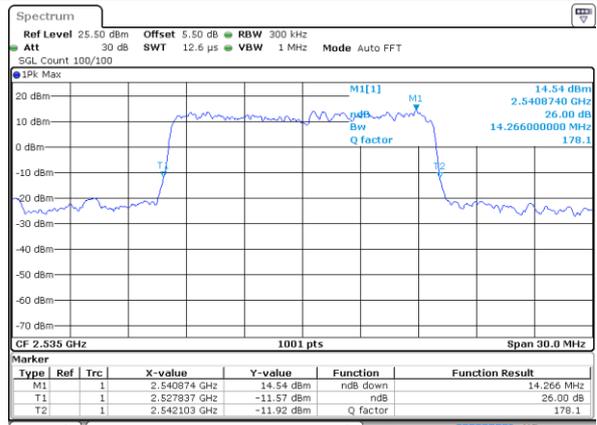
Date: 9 MAY 2018 15:32:25

Middle Channel / 15MHz / QPSK



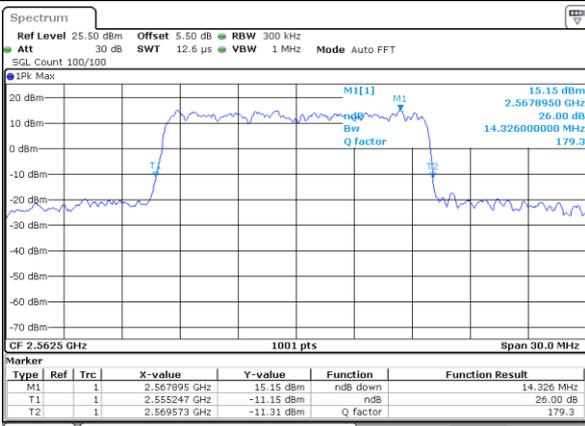
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Middle Channel / 15MHz / 16QAM



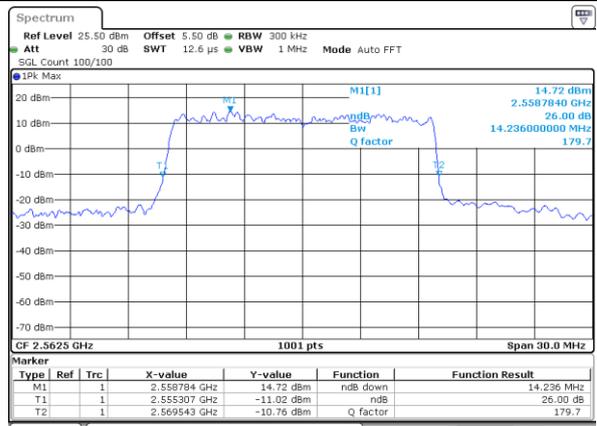
Date: 9 MAY 2018 15:36:24

Highest Channel / 15MHz / QPSK



Date: 9 MAY 2018 15:37:07

Highest Channel / 15MHz / 16QAM

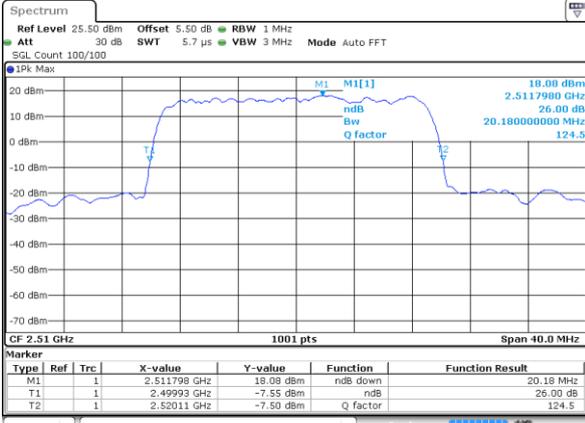


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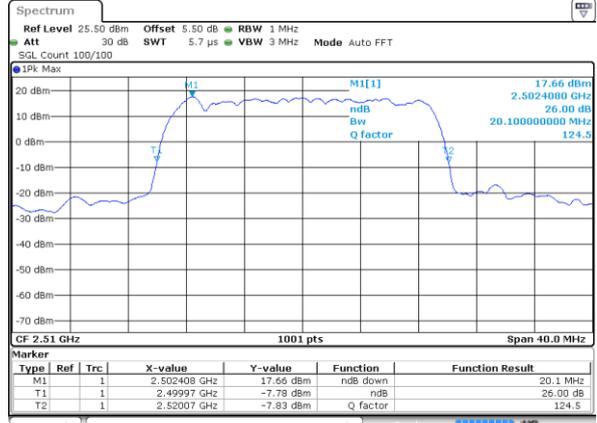
LTE Band 7

Lowest Channel / 20MHz / QPSK



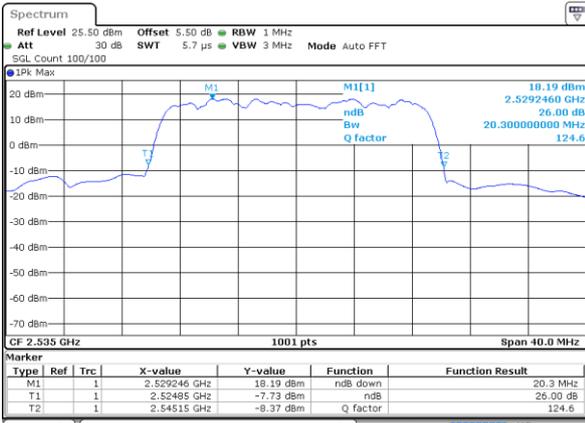
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Lowest Channel / 20MHz / 16QAM



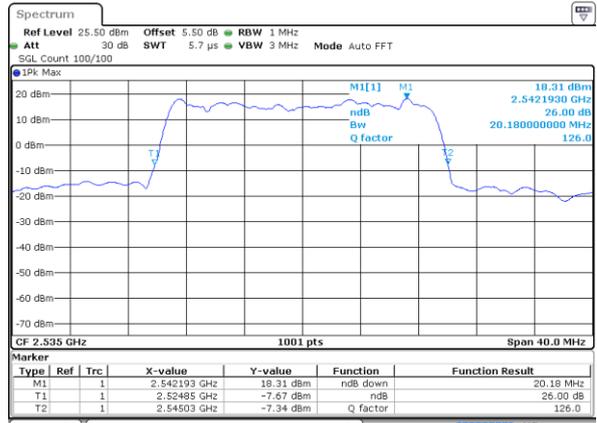
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Middle Channel / 20MHz / QPSK



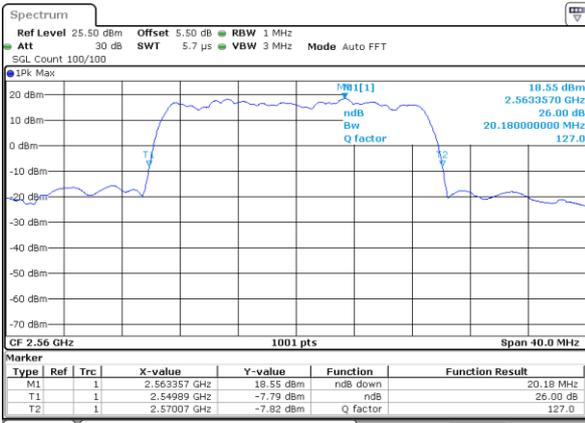
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Middle Channel / 20MHz / 16QAM



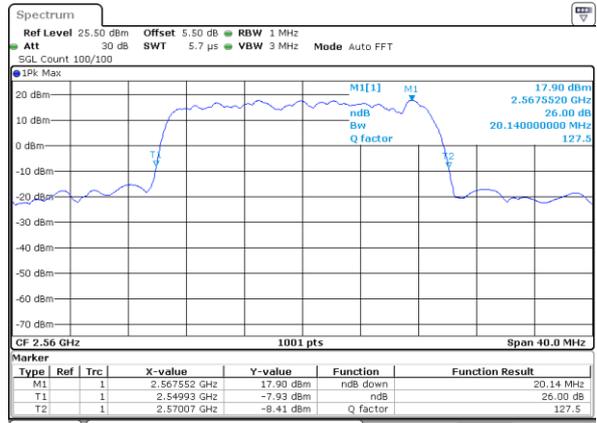
Date: 9 MAY 2018 15:43:59

Highest Channel / 20MHz / QPSK



Date: 9 MAY 2018 15:44:42

Highest Channel / 20MHz / 16QAM

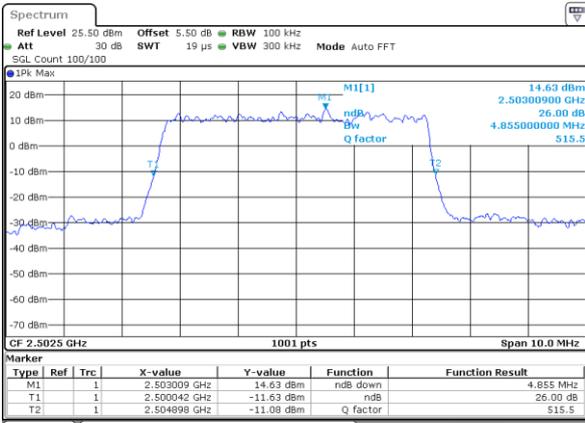


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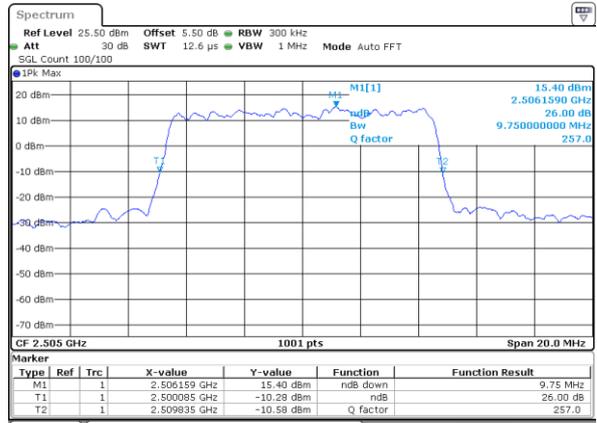
LTE Band 7

Lowest Channel / 5MHz / 64QAM



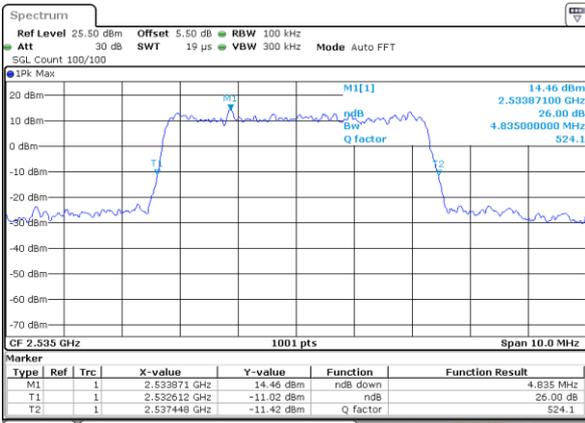
Date: 9 MAY 2018 16:32:03

Lowest Channel / 10MHz / 64QAM



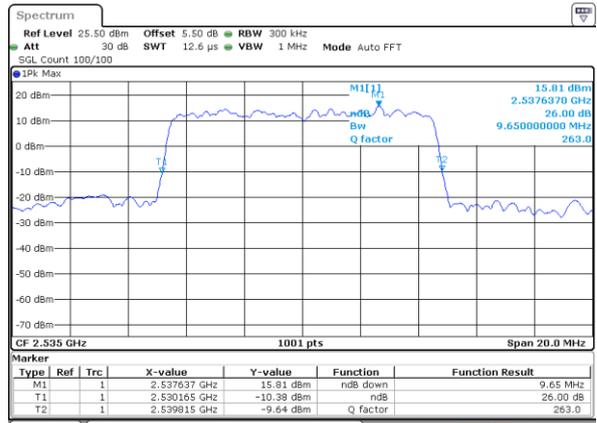
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Middle Channel / 5MHz / 64QAM



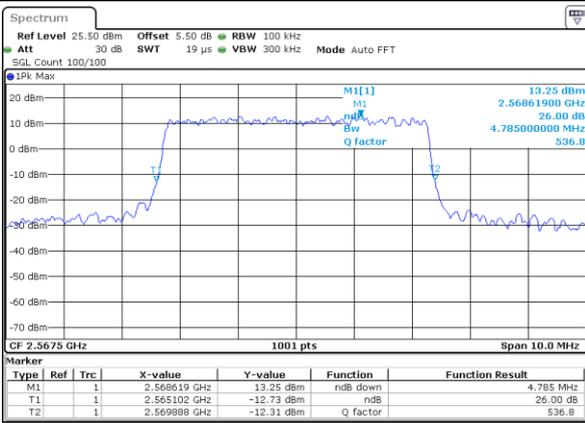
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Middle Channel / 10MHz / 64QAM



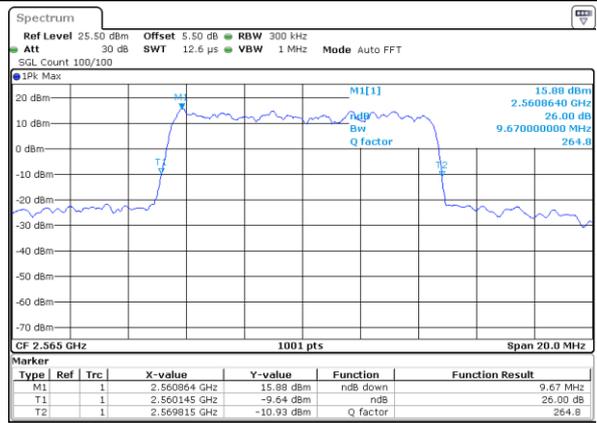
Date: 9 MAY 2018 16:33:29

Highest Channel / 5MHz / 64QAM



Date: 9 MAY 2018 16:32:46

Highest Channel / 10MHz / 64QAM

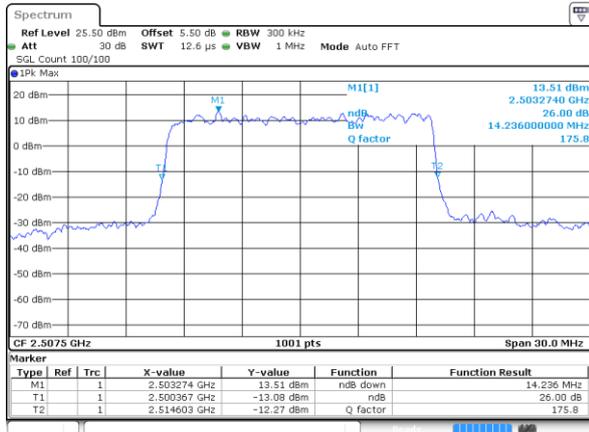


Date: 9 MAY 2018 16:33:50



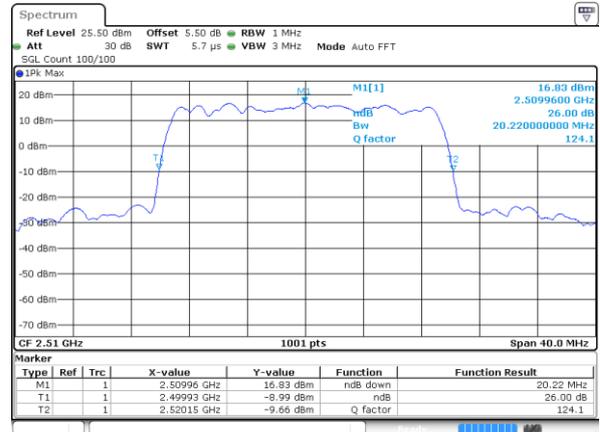
LTE Band 7

Lowest Channel / 15MHz / 64QAM



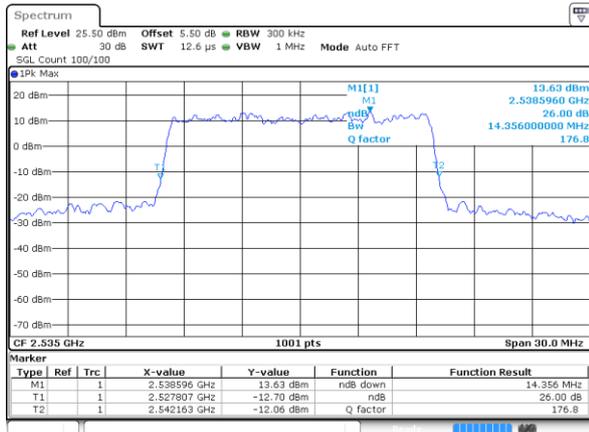
Date: 9 MAY 2018 16:34:12

Lowest Channel / 20MHz / 64QAM



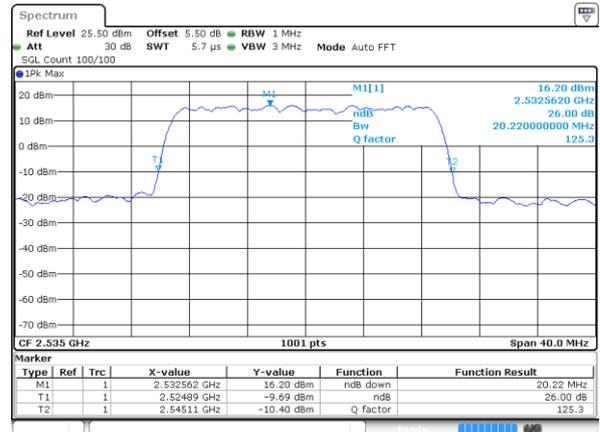
Date: 9 MAY 2018 16:35:17

Middle Channel / 15MHz / 64QAM



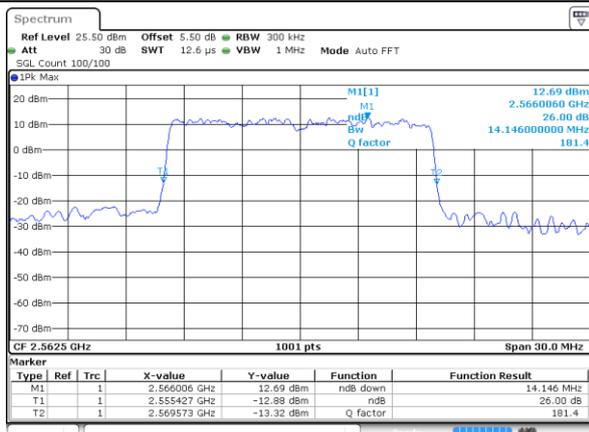
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Middle Channel / 20MHz / 64QAM



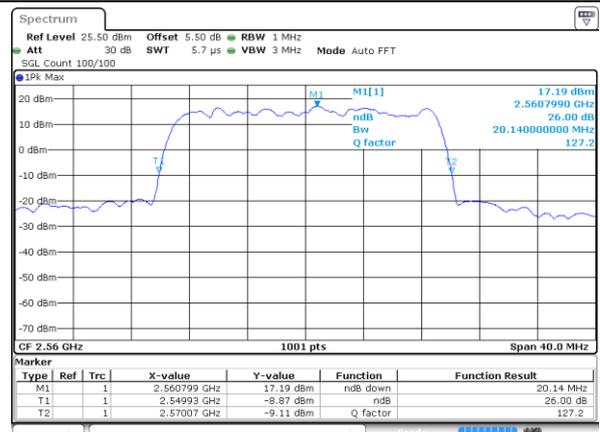
Date: 9 MAY 2018 16:35:38

Highest Channel / 15MHz / 64QAM



Date: 9 MAY 2018 16:34:55

Highest Channel / 20MHz / 64QAM

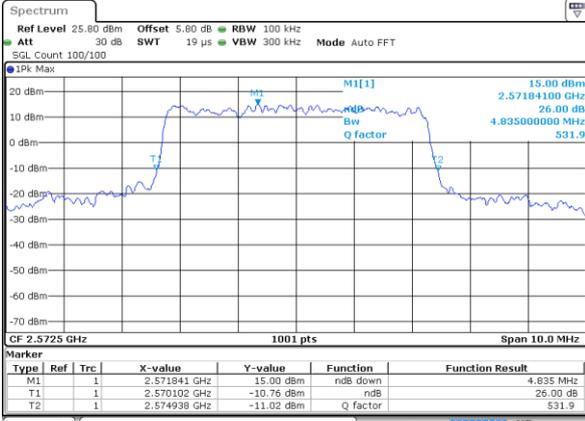


Date: 9 MAY 2018 16:36:00



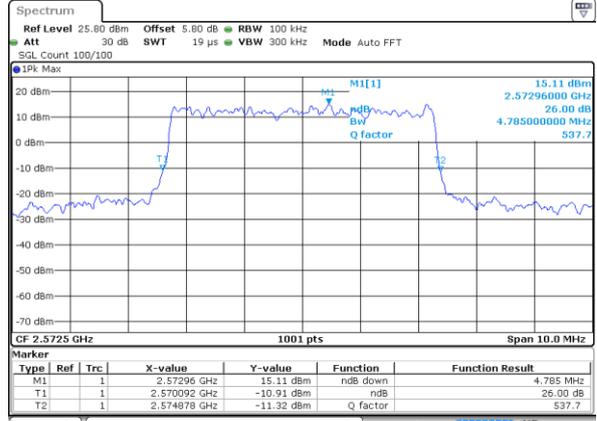
LTE Band 38

Lowest Channel / 5MHz / QPSK



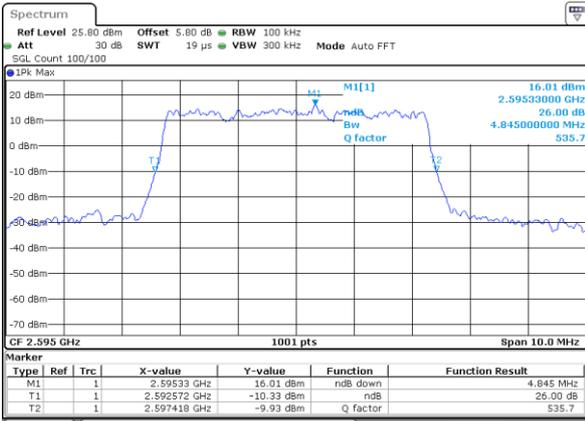
Date: 27 APR 2018 00:29:26

Lowest Channel / 5MHz / 16QAM



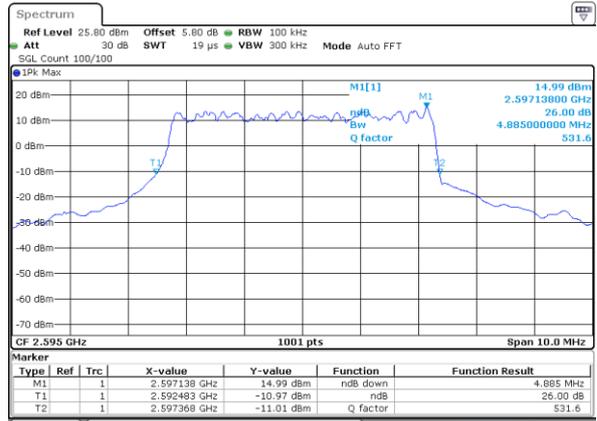
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Middle Channel / 5MHz / QPSK



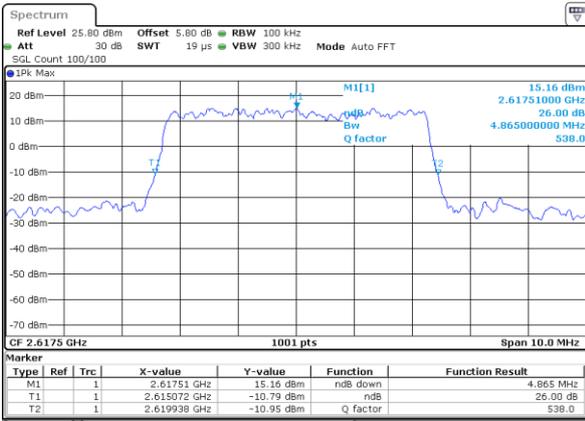
Date: 27 APR 2018 00:30:09

Middle Channel / 5MHz / 16QAM



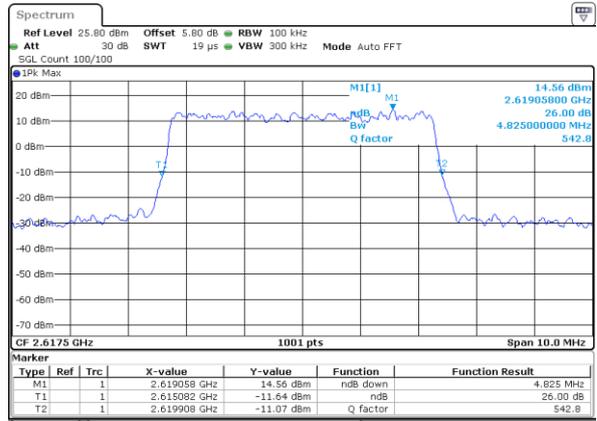
Date: 27 APR 2018 00:30:20

Highest Channel / 5MHz / QPSK



Date: 27 APR 2018 00:30:53

Highest Channel / 5MHz / 16QAM

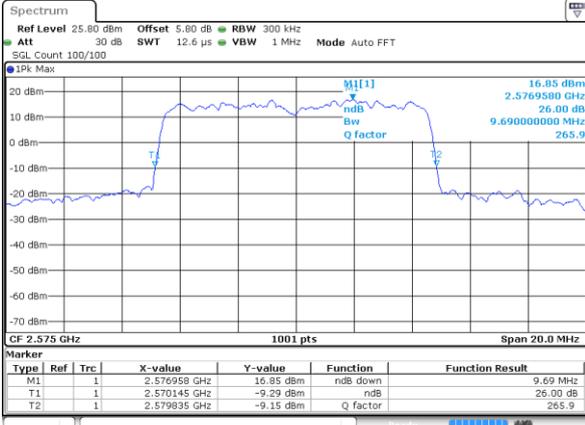


Date: 27 APR 2018 00:31:04



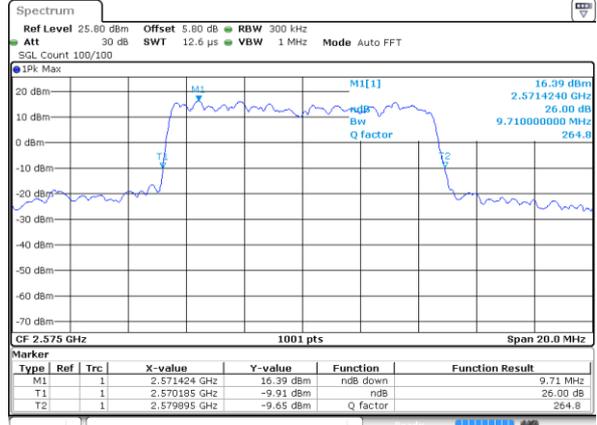
LTE Band 38

Lowest Channel / 10MHz / QPSK



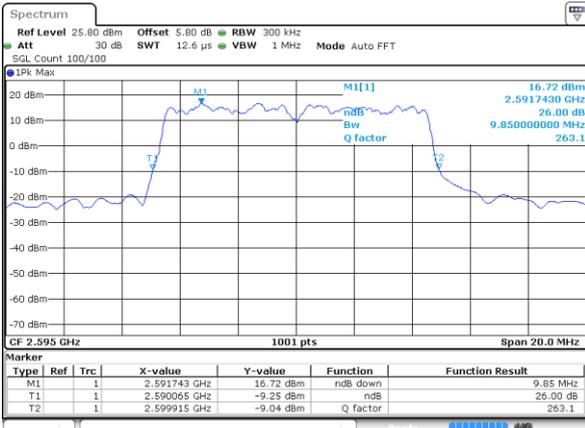
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Lowest Channel / 10MHz / 16QAM



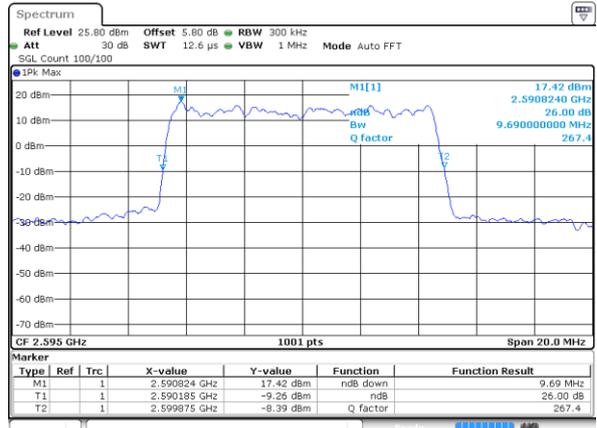
Date: 27 APR 2018 00:31:47

Middle Channel / 10MHz / QPSK



Date: 27 APR 2018 00:32:19

Middle Channel / 10MHz / 16QAM



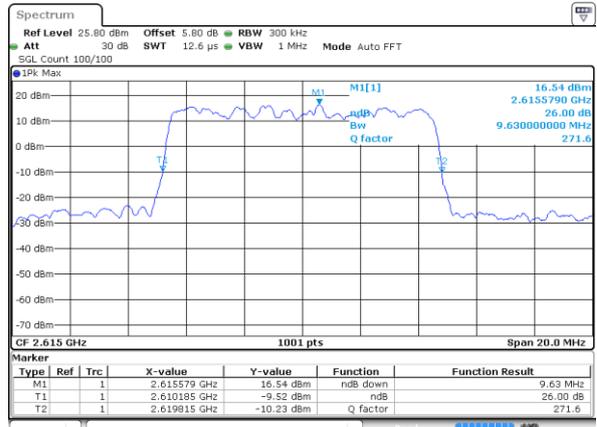
Date: 27 APR 2018 00:32:29

Highest Channel / 10MHz / QPSK



Date: 27 APR 2018 00:33:01

Highest Channel / 10MHz / 16QAM



Date: 27 APR 2018 00:33:12



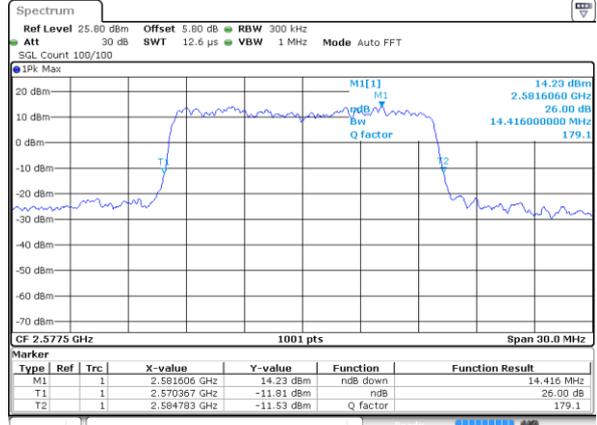
LTE Band 38

Lowest Channel / 15MHz / QPSK



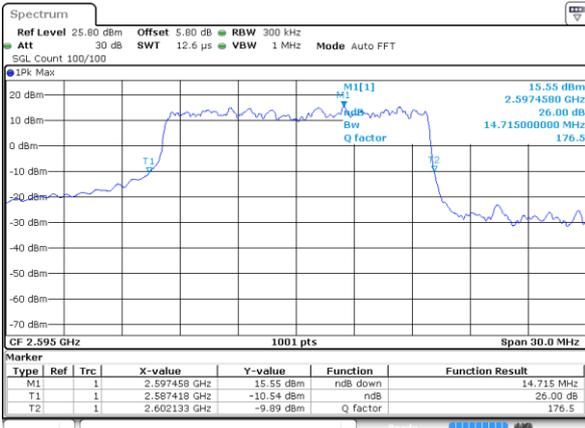
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Lowest Channel / 15MHz / 16QAM



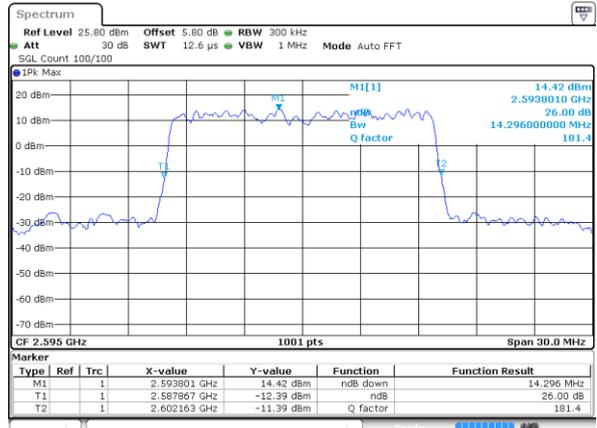
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Middle Channel / 15MHz / QPSK



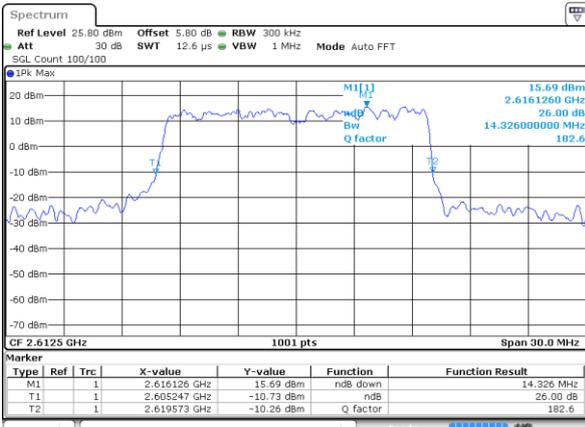
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Middle Channel / 15MHz / 16QAM



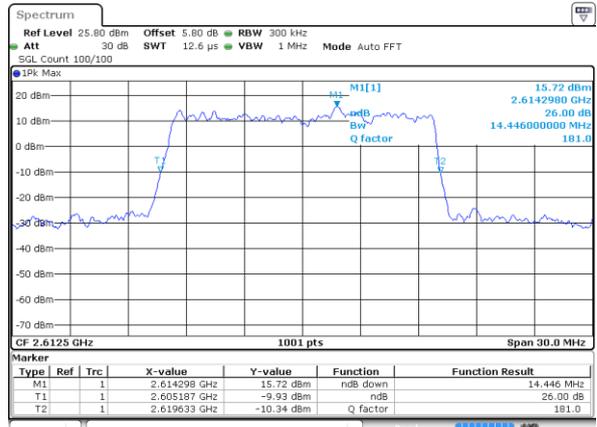
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Highest Channel / 15MHz / QPSK



Date: 27 APR 2018 00:35:09

Highest Channel / 15MHz / 16QAM

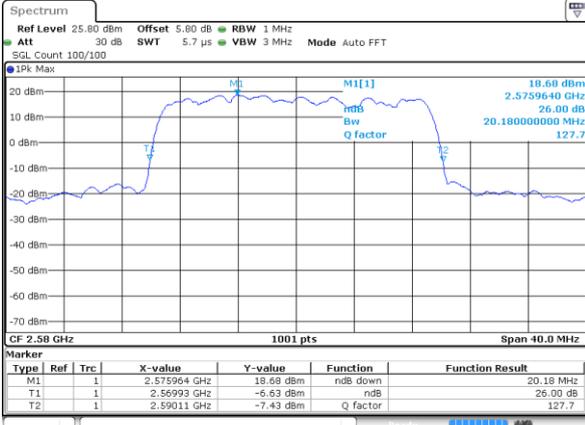


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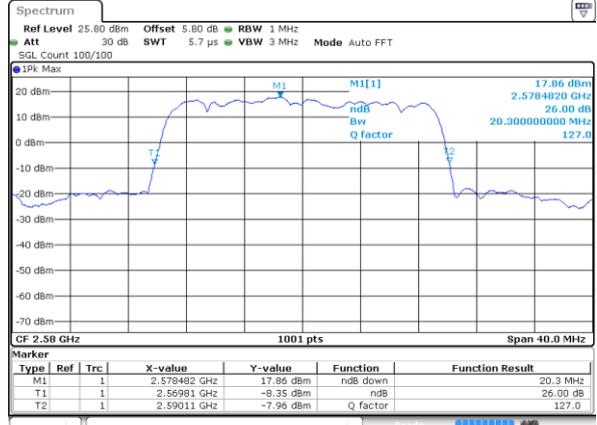
LTE Band 38

Lowest Channel / 20MHz / QPSK



Date: 27 APR 2018 00:35:52

Lowest Channel / 20MHz / 16QAM



Date: 27 APR 2018 00:36:03

Middle Channel / 20MHz / QPSK



Date: 27 APR 2018 00:36:34

Middle Channel / 20MHz / 16QAM



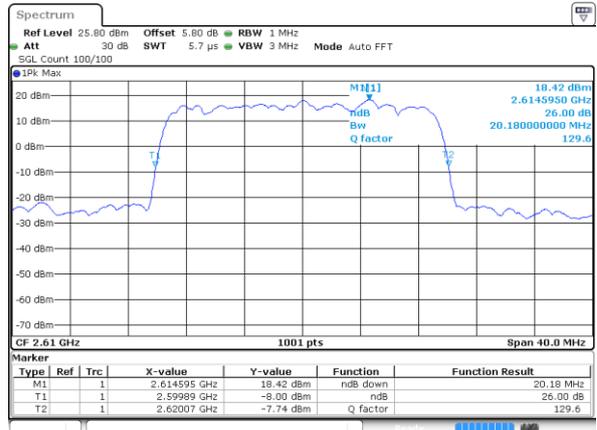
Date: 27 APR 2018 00:36:45

Highest Channel / 20MHz / QPSK



Date: 27 APR 2018 00:37:17

Highest Channel / 20MHz / 16QAM

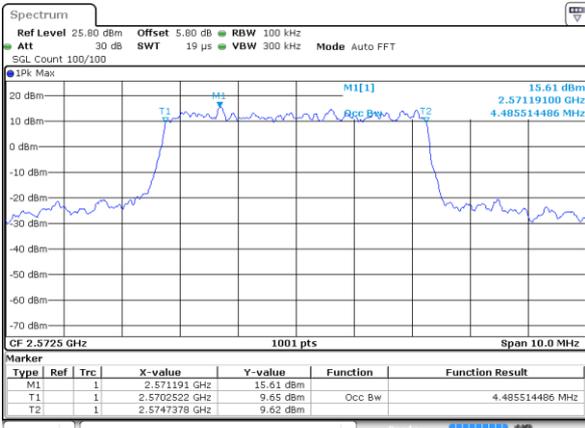


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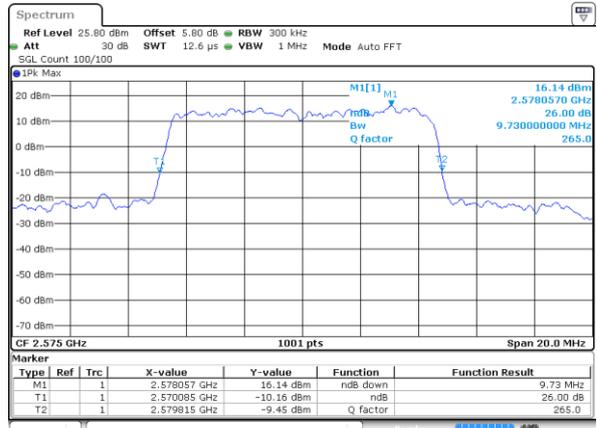
LTE Band 38

Lowest Channel / 5MHz / 64QAM



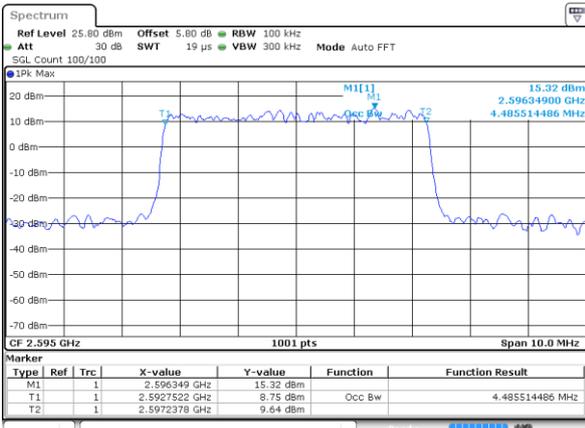
Date: 27 APR 2018 00:21:41

Lowest Channel / 10MHz / 64QAM



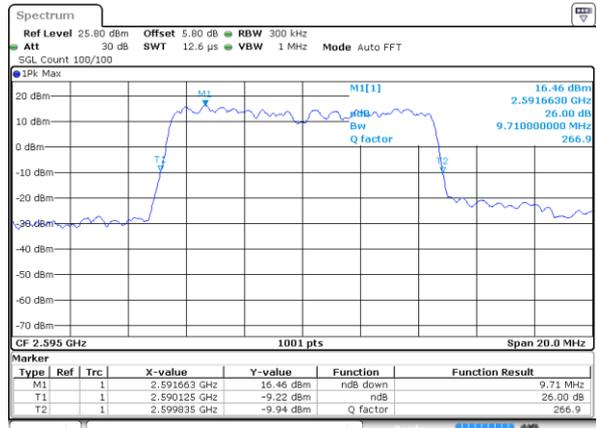
Date: 27 APR 2018 00:22:57

Middle Channel / 5MHz / 64QAM



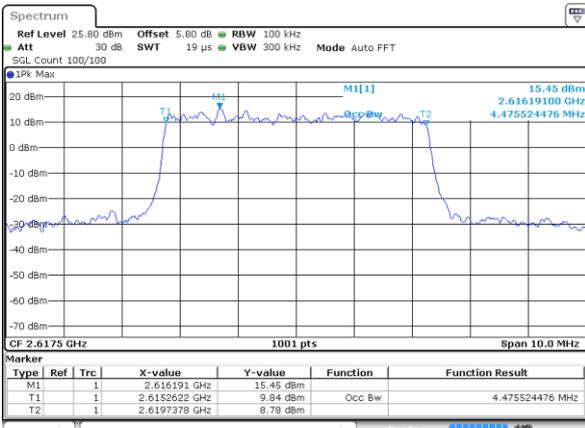
Date: 27 APR 2018 00:22:03

Middle Channel / 10MHz / 64QAM



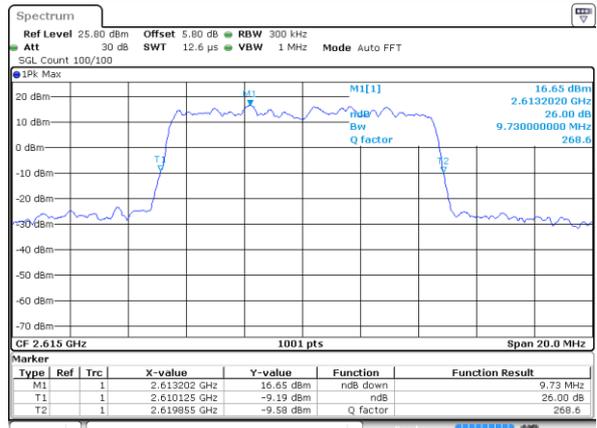
Date: 27 APR 2018 00:23:19

Highest Channel / 5MHz / 64QAM



Date: 27 APR 2018 00:22:25

Highest Channel / 10MHz / 64QAM

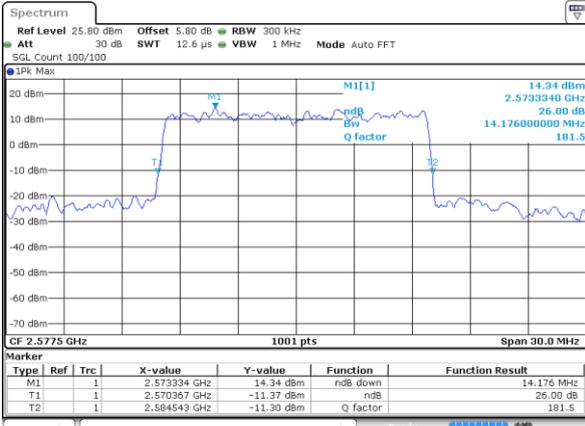


Date: 27 APR 2018 00:23:40



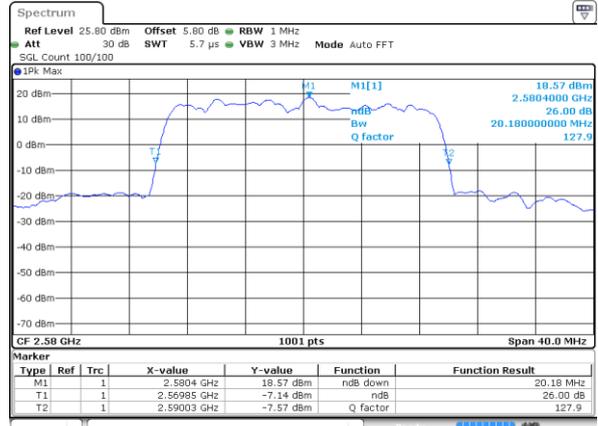
LTE Band 38

Lowest Channel / 15MHz / 64QAM



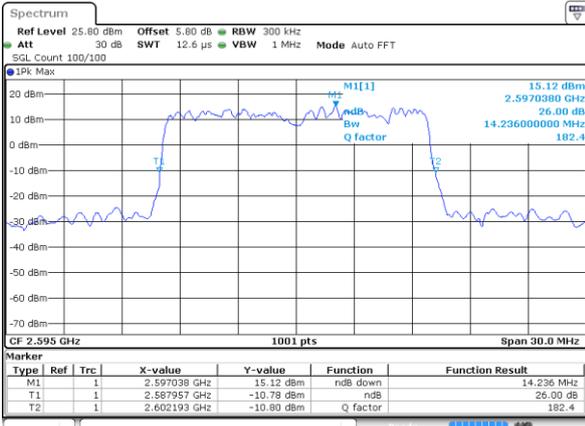
Date: 27 APR 2018 00:24:02

Lowest Channel / 20MHz / 64QAM



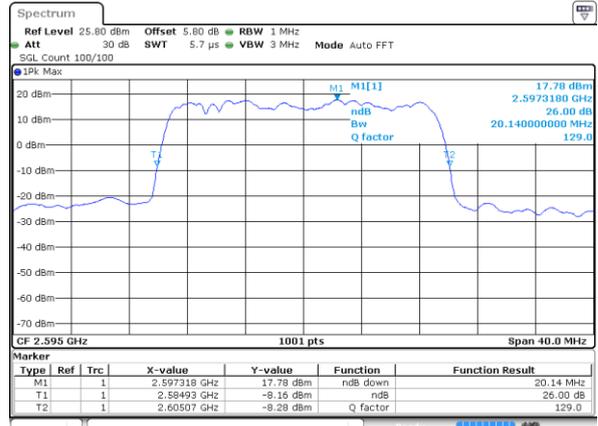
Date: 27 APR 2018 00:25:06

Middle Channel / 15MHz / 64QAM



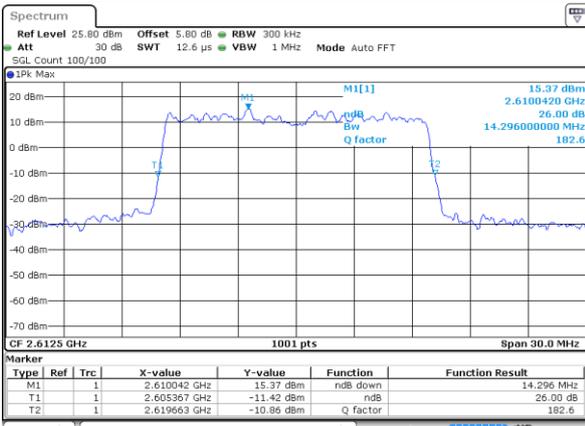
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Middle Channel / 20MHz / 64QAM



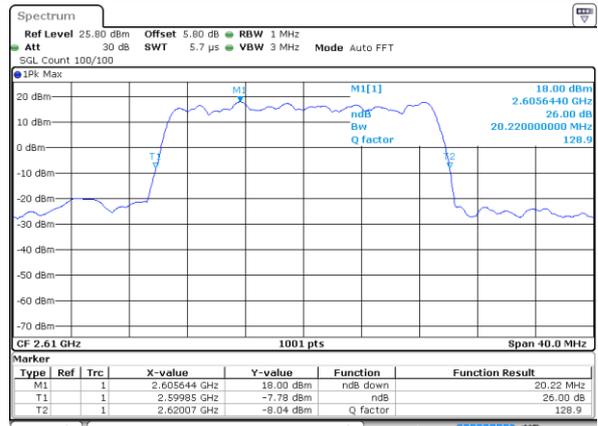
Date: 27 APR 2018 00:25:27

Highest Channel / 15MHz / 64QAM



Date: 27 APR 2018 00:24:44

Highest Channel / 20MHz / 64QAM



Date: 27 APR 2018 00:25:48



**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	1.10	1.08	2.72	2.73	4.49	4.49	9.05	9.03	13.52	13.49	18.38	18.50
Middle CH	1.09	1.09	2.70	2.73	4.49	4.50	9.01	9.03	13.43	13.52	18.30	18.34
Highest CH	1.09	1.10	2.72	2.70	4.51	4.48	9.05	9.03	13.49	13.52	18.38	18.42
Mode	LTE Band 2 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.10		2.71		4.51		9.03		13.55		18.70	
Middle CH	1.09		2.71		4.51		9.03		13.49		18.46	
Highest CH	1.10		2.72		4.51		9.05		13.40		18.50	

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	2.70	2.72	4.50	4.50	9.05	9.03	13.43	13.43	18.42	18.42
Middle CH	1.09	1.08	2.72	2.69	4.50	4.49	9.03	9.03	13.49	13.43	18.26	18.38
Highest CH	1.09	1.10	2.70	2.68	4.50	4.49	9.05	9.01	13.40	13.49	18.42	18.46
Mode	LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.50		9.07		13.55		18.46	
Middle CH	1.09		2.72		4.50		9.03		13.55		18.38	
Highest CH	1.09		2.72		4.49		9.09		13.43		18.38	

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	1.10	2.71	2.69	4.51	4.53	8.99	9.03	1.10	2.71	4.51	9.01
Middle CH	1.09	1.09	2.70	2.72	4.51	4.53	9.05	9.07	1.09	2.73	4.51	9.01
Highest CH	1.09	1.10	2.72	2.70	4.51	4.51	9.03	9.05	1.09	2.70	4.48	9.03



Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.51	4.48	9.05	9.03	13.43	13.46	18.42	18.34	4.49	9.01	13.43	18.30
Middle CH	4.48	4.50	9.05	9.05	13.55	13.46	18.46	18.54	4.51	9.05	13.43	18.46
Highest CH	4.48	4.49	9.03	8.97	13.46	13.49	18.34	18.50	4.48	8.99	13.49	18.34

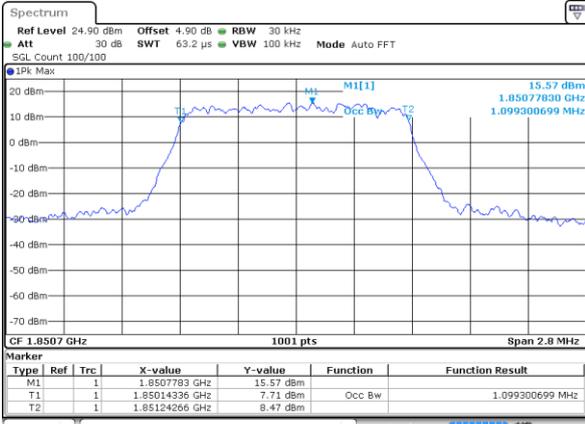
Mode	LTE Band 38 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.49	4.46	9.03	9.03	13.43	13.49	18.34	18.42
Middle CH	-	-	-	-	4.49	4.50	9.05	9.01	13.46	13.46	18.38	18.38
Highest CH	-	-	-	-	4.50	4.47	9.03	9.03	13.40	13.40	18.42	18.30

Mode	LTE Band 38 : 99%OBW(MHz)					
BW	1.4MHz		3MHz		5MHz	
Mod.	64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.49	9.01
Middle CH	-	-	-	-	4.49	9.03
Highest CH	-	-	-	-	4.48	9.01



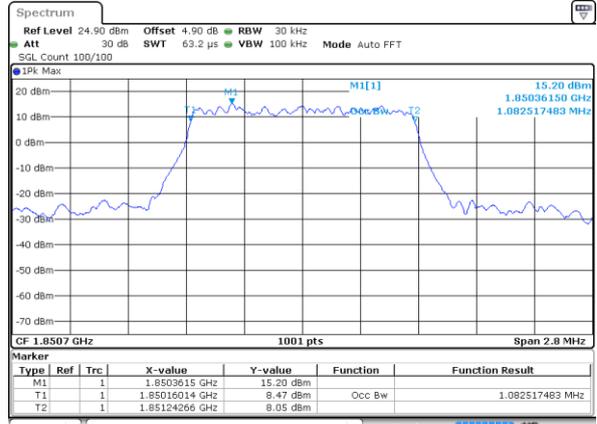
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



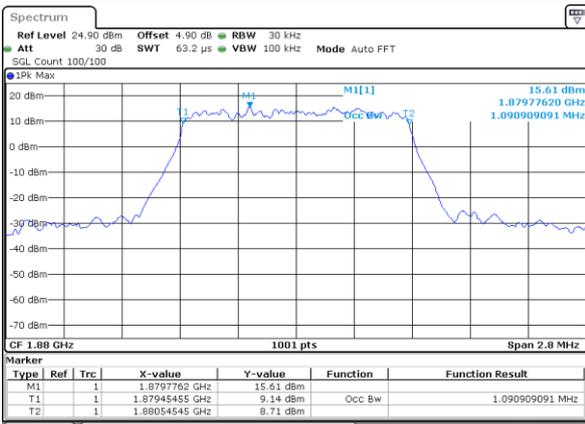
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Lowest Channel / 1.4MHz / 16QAM



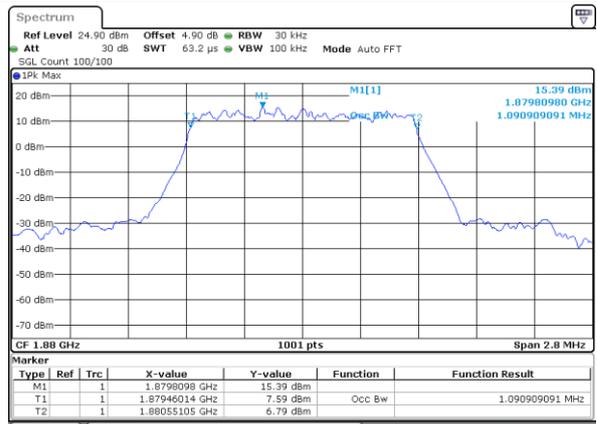
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Middle Channel / 1.4MHz / QPSK



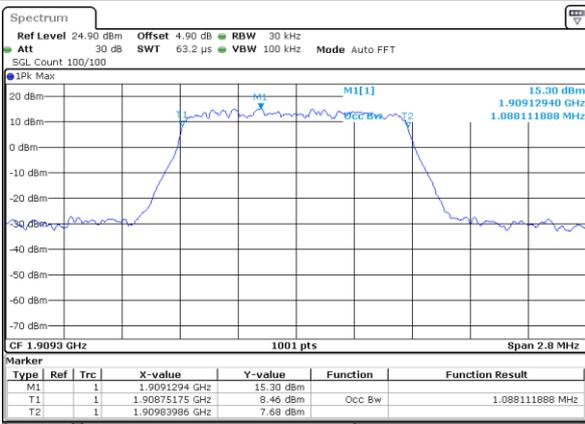
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Middle Channel / 1.4MHz / 16QAM



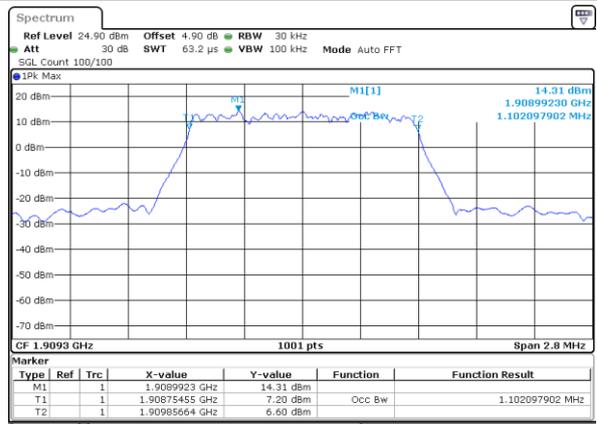
Date: 25 APR 2018 14:57:07

Highest Channel / 1.4MHz / QPSK



Date: 25 APR 2018 14:59:30

Highest Channel / 1.4MHz / 16QAM

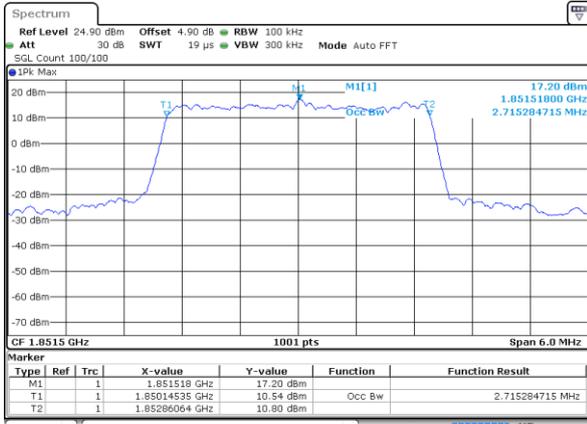


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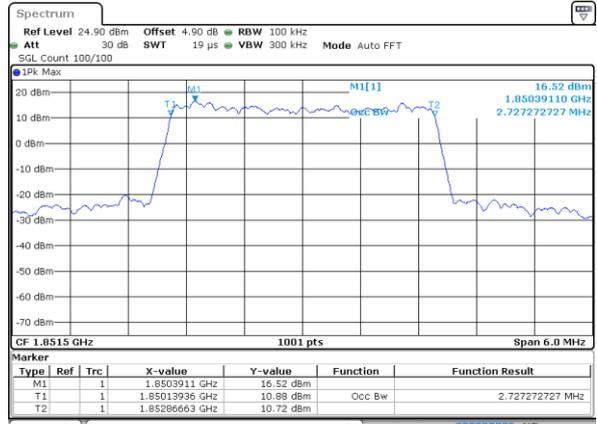
LTE Band 2

Lowest Channel / 3MHz / QPSK



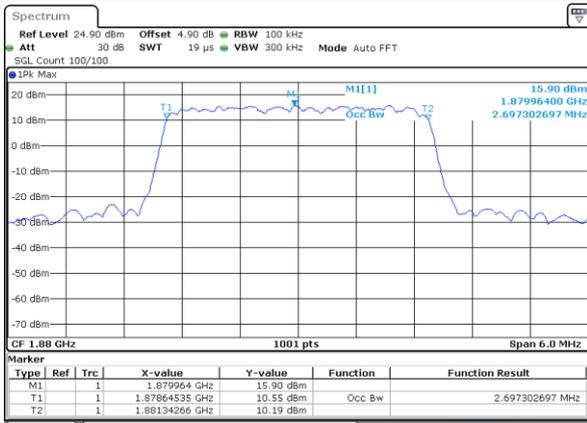
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Lowest Channel / 3MHz / 16QAM



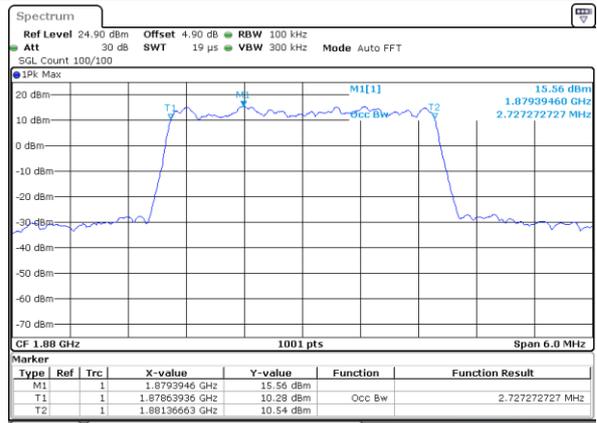
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Middle Channel / 3MHz / QPSK



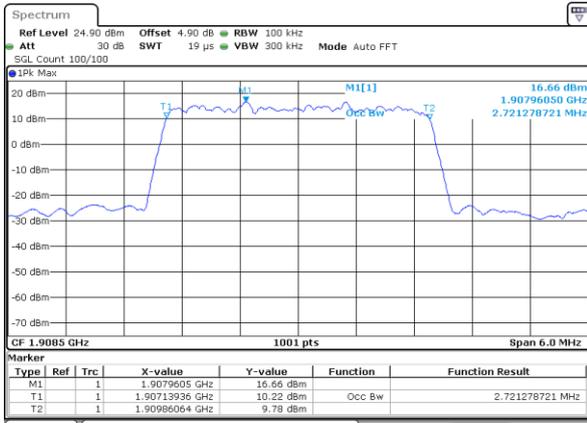
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Middle Channel / 3MHz / 16QAM



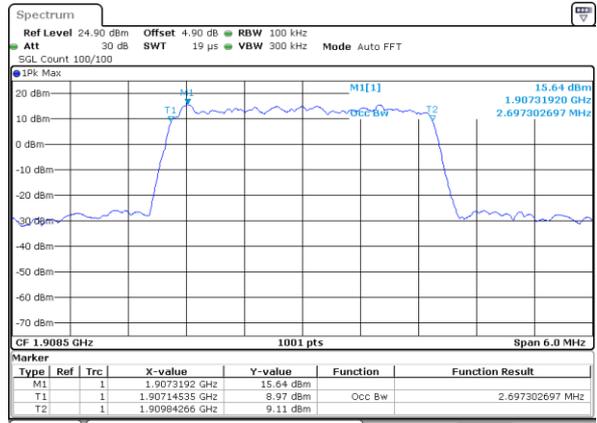
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Highest Channel / 3MHz / QPSK



Date: 25 APR 2018 15:16:13

Highest Channel / 3MHz / 16QAM

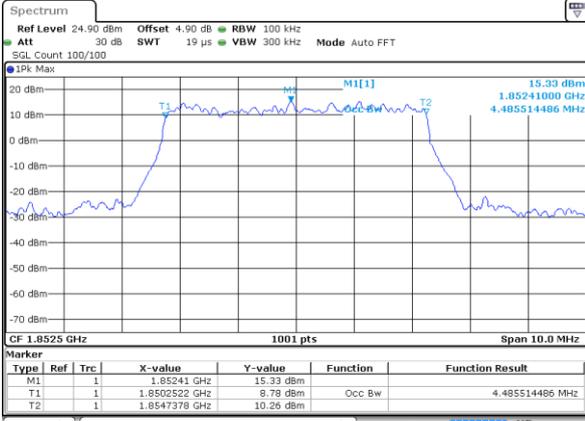


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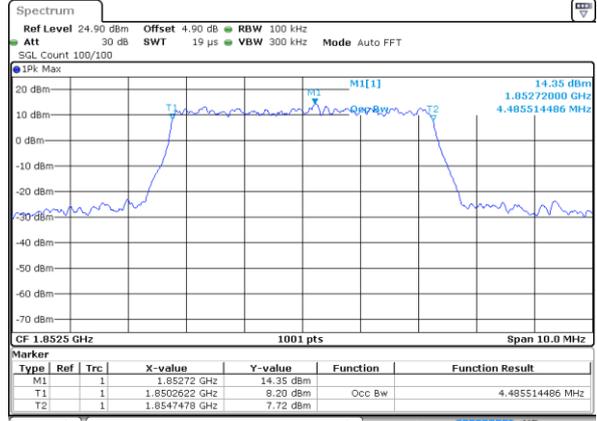
LTE Band 2

Lowest Channel / 5MHz / QPSK



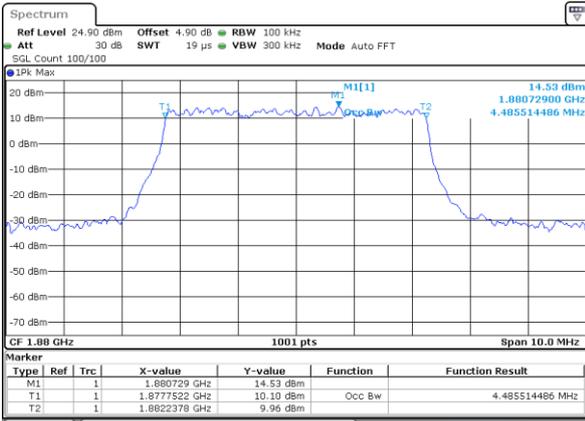
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Lowest Channel / 5MHz / 16QAM



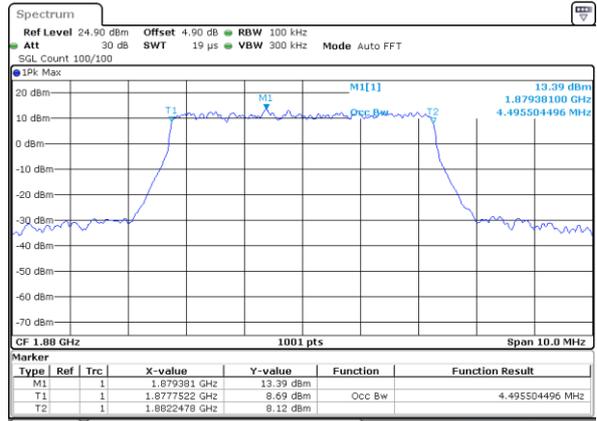
Date: 25 APR 2018 15:23:29

Middle Channel / 5MHz / QPSK



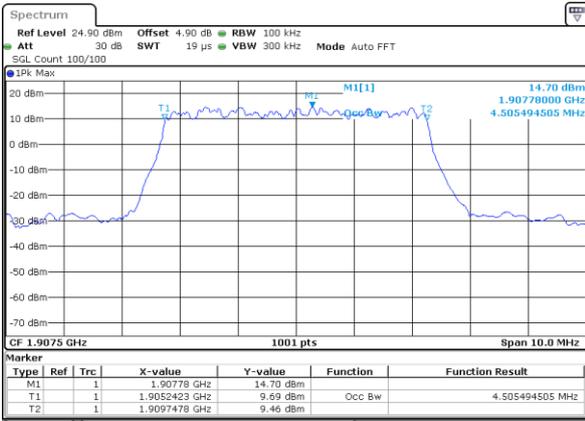
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Middle Channel / 5MHz / 16QAM



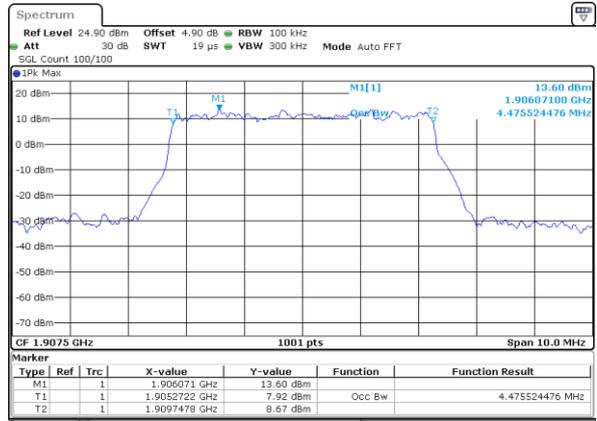
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Highest Channel / 5MHz / QPSK



Date: 25 APR 2018 15:32:56

Highest Channel / 5MHz / 16QAM

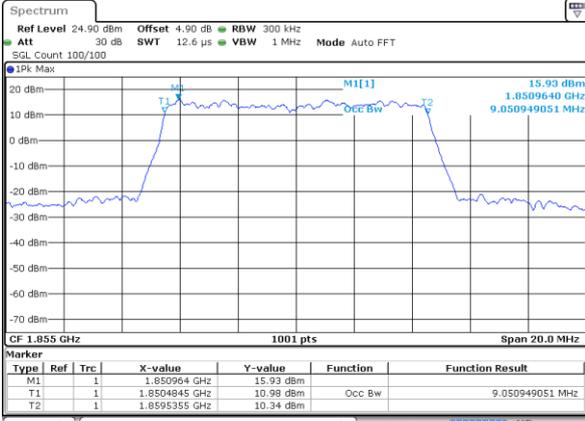


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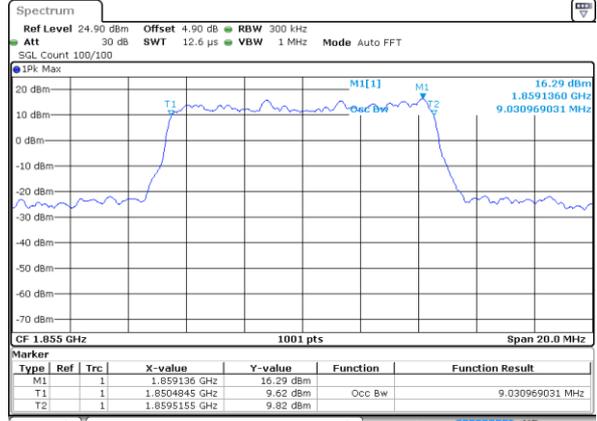
LTE Band 2

Lowest Channel / 10MHz / QPSK



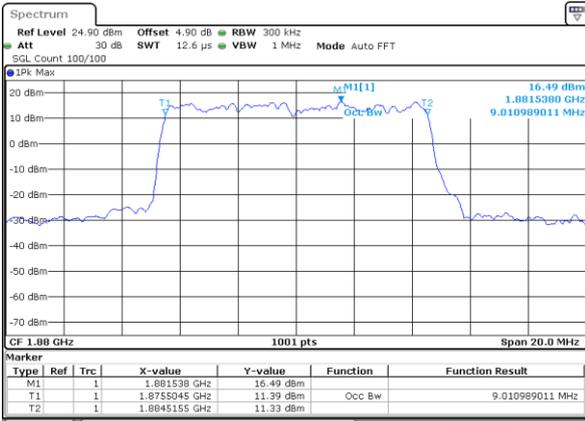
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Lowest Channel / 10MHz / 16QAM



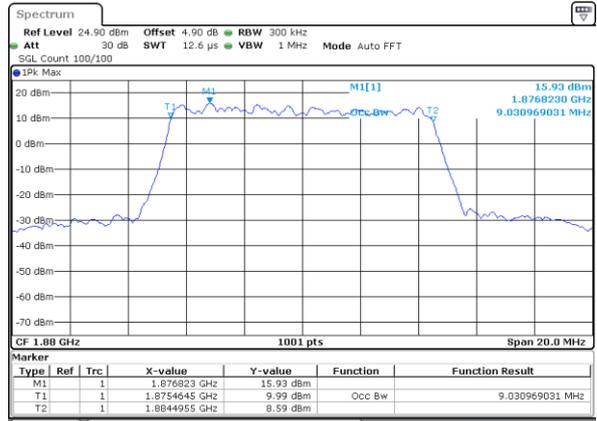
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Middle Channel / 10MHz / QPSK



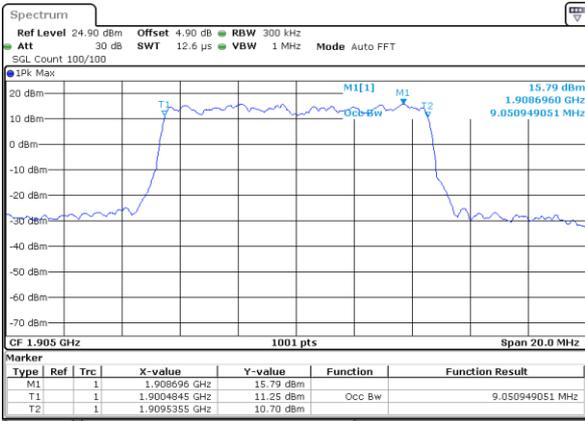
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Middle Channel / 10MHz / 16QAM



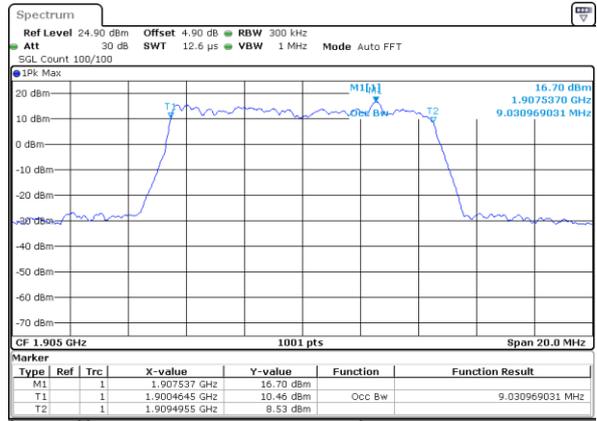
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Highest Channel / 10MHz / QPSK



Date: 25 APR 2018 15:49:40

Highest Channel / 10MHz / 16QAM

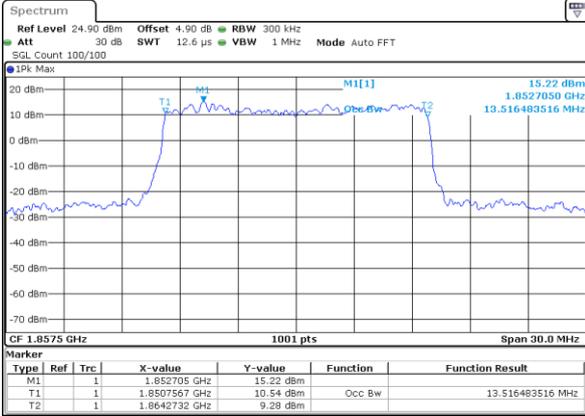


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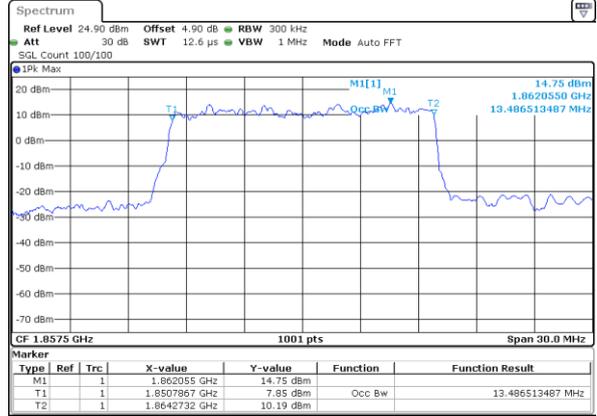
LTE Band 2

Lowest Channel / 15MHz / QPSK



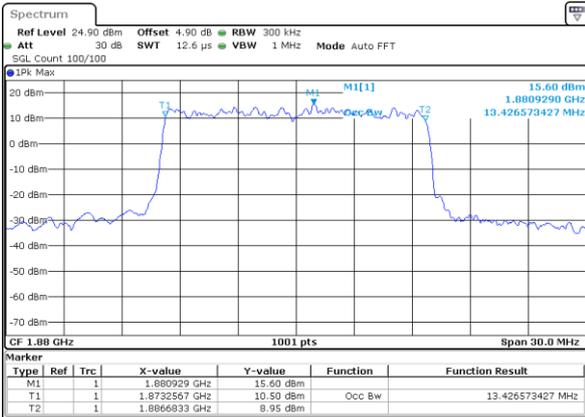
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Lowest Channel / 15MHz / 16QAM



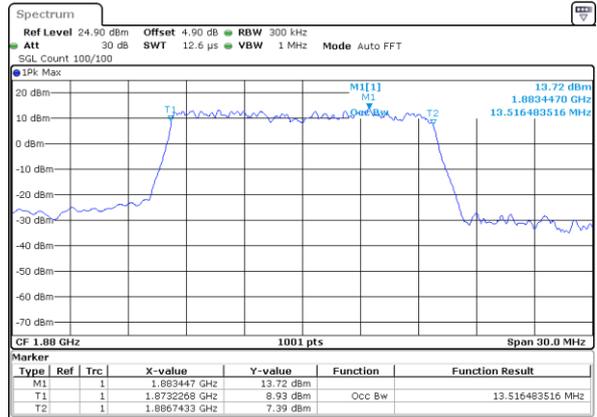
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Middle Channel / 15MHz / QPSK



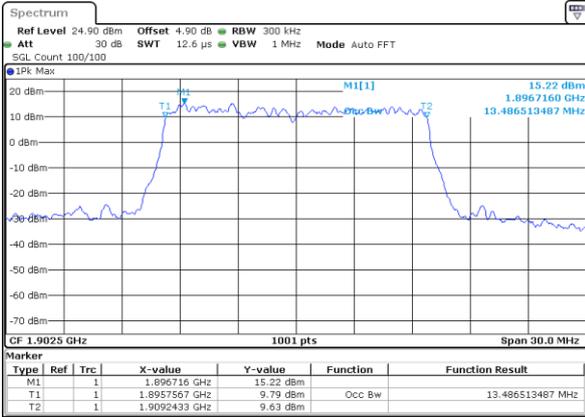
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Middle Channel / 15MHz / 16QAM



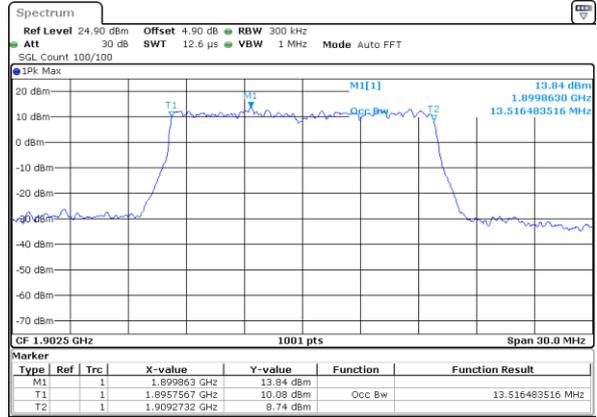
Date: 25 APR 2018 16:04:01

Highest Channel / 15MHz / QPSK



Date: 25 APR 2018 16:06:23

Highest Channel / 15MHz / 16QAM

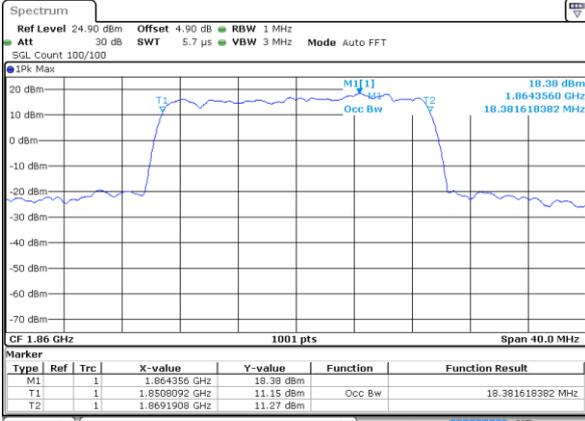


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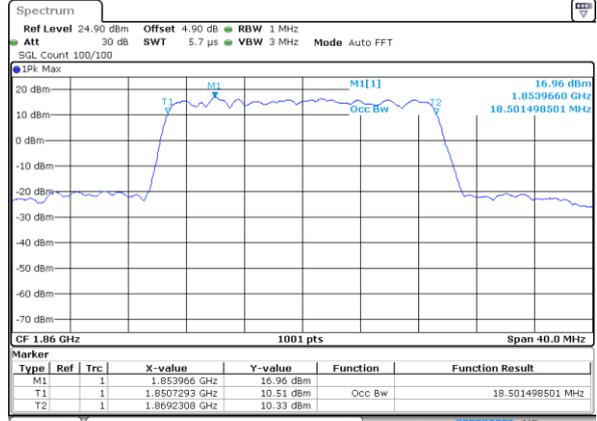
LTE Band 2

Lowest Channel / 20MHz / QPSK



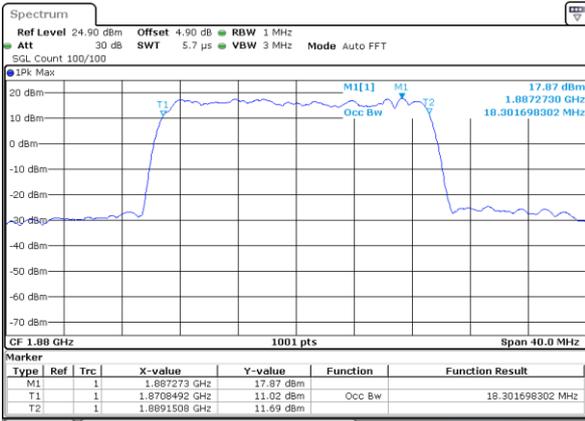
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Lowest Channel / 20MHz / 16QAM



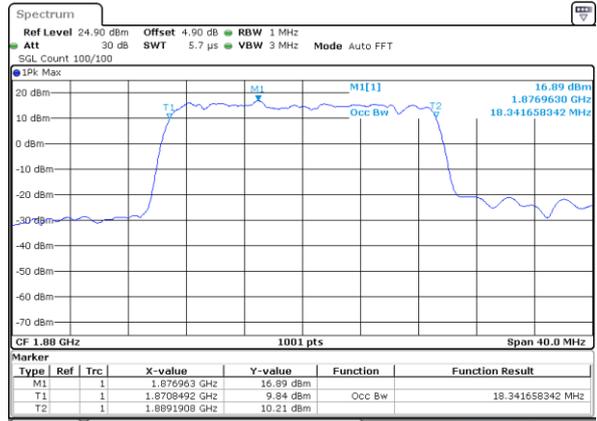
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Middle Channel / 20MHz / QPSK



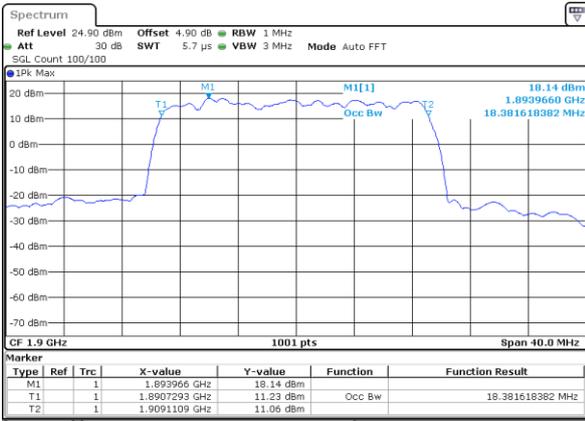
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Middle Channel / 20MHz / 16QAM



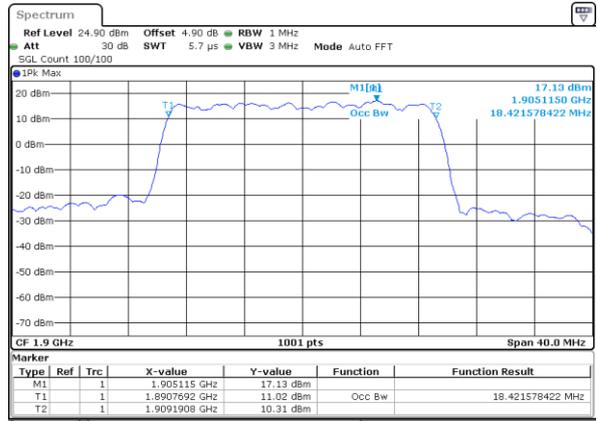
Date: 25 APR 2018 16:20:48

Highest Channel / 20MHz / QPSK



Date: 25 APR 2018 16:23:11

Highest Channel / 20MHz / 16QAM

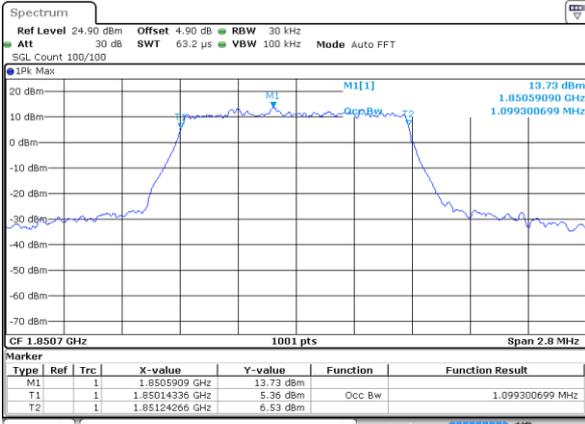


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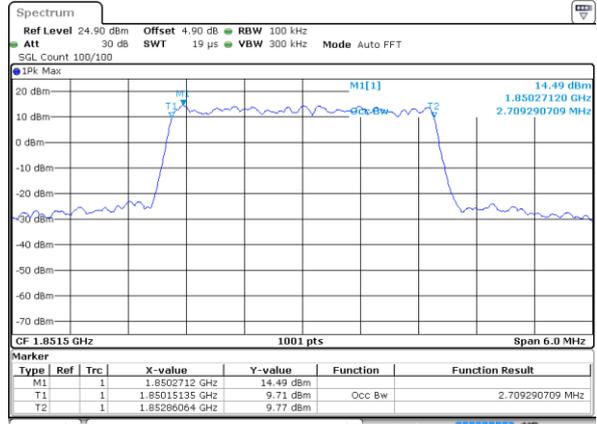
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



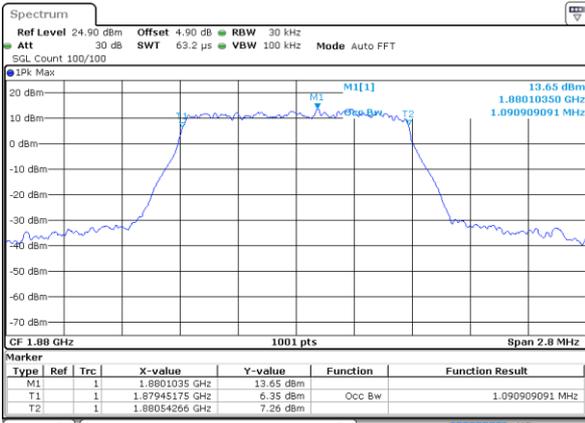
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Lowest Channel / 3MHz / 64QAM



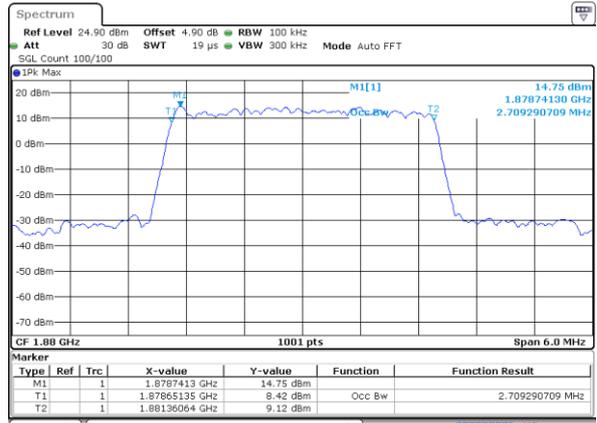
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Middle Channel / 1.4MHz / 64QAM



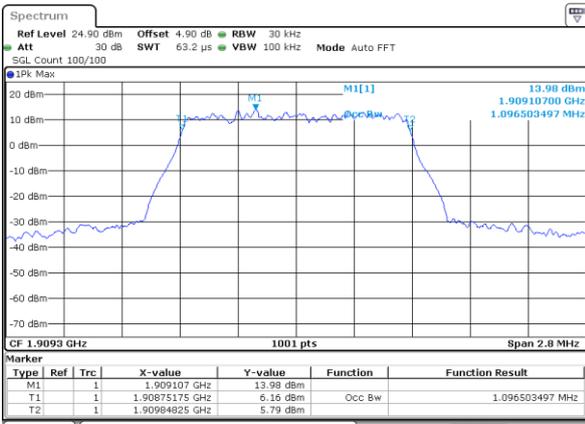
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Middle Channel / 3MHz / 64QAM



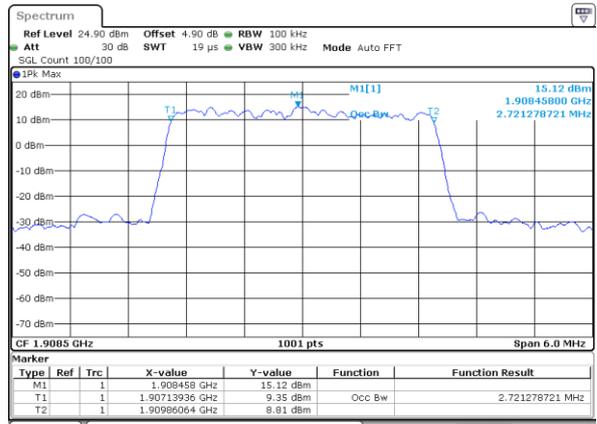
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Highest Channel / 1.4MHz / 64QAM



Date: 25 APR 2018 16:54:17

Highest Channel / 3MHz / 64QAM

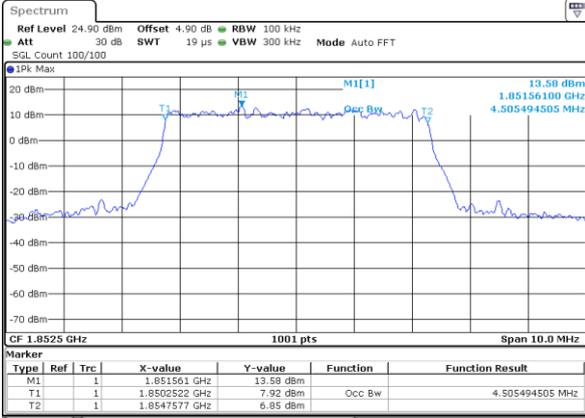


Date: 25 APR 2018 17:06:26



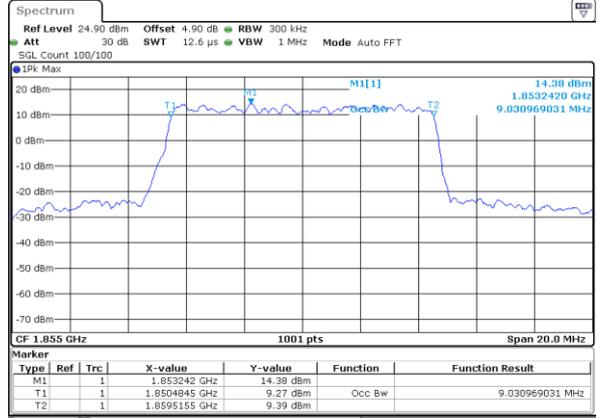
LTE Band 2

Lowest Channel / 5MHz / 64QAM



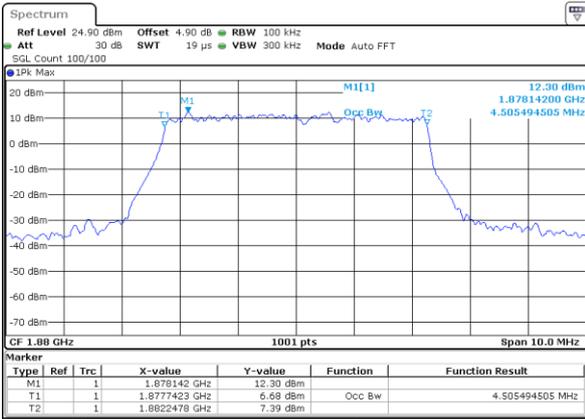
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Lowest Channel / 10MHz / 64QAM



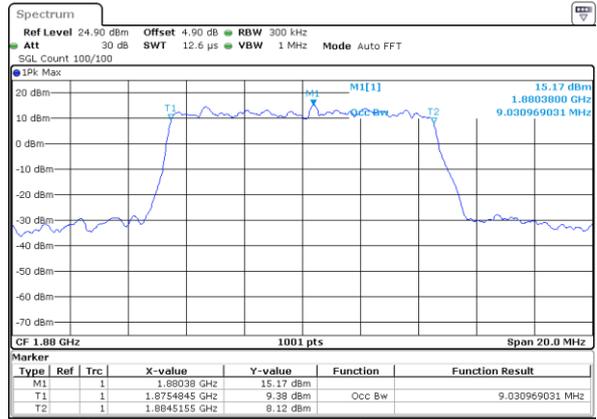
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Middle Channel / 5MHz / 64QAM



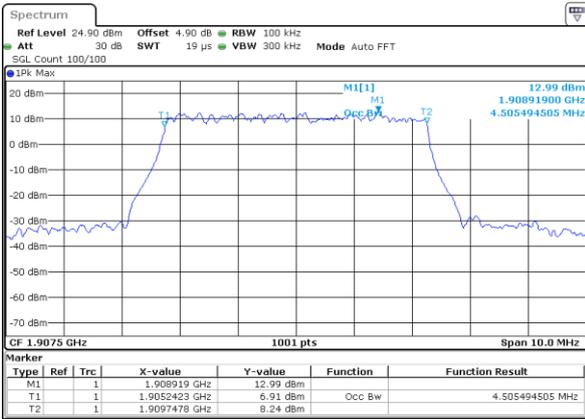
Date: 25 APR 2018 17:27:12

Middle Channel / 10MHz / 64QAM



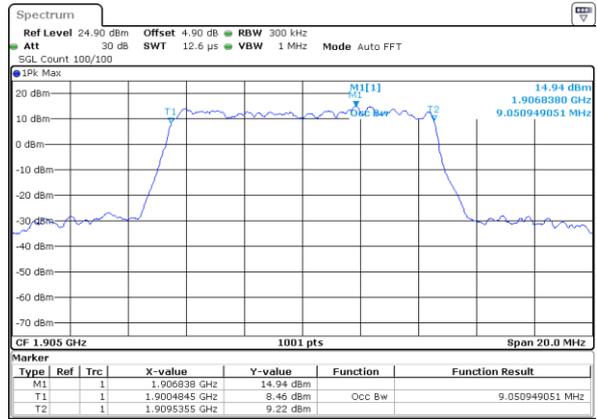
Date: 25 APR 2018 17:28:17

Highest Channel / 5MHz / 64QAM



Date: 25 APR 2018 17:27:34

Highest Channel / 10MHz / 64QAM



Date: 25 APR 2018 17:28:37