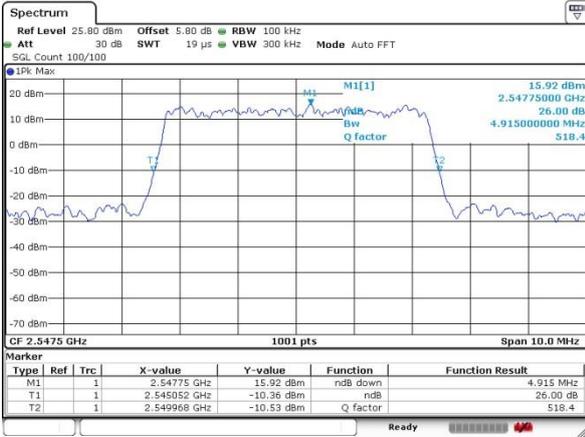




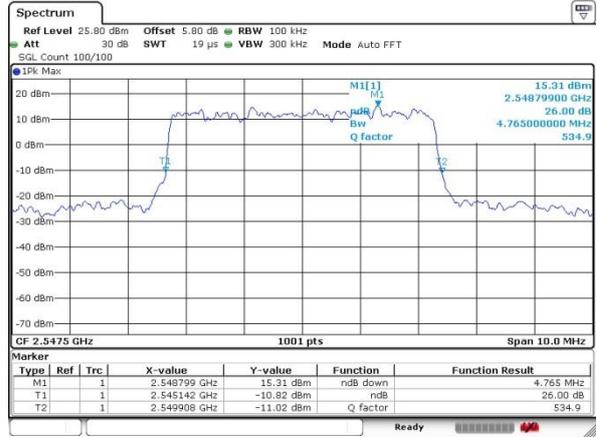
LTE Band 41

Lowest Channel / 5MHz / QPSK



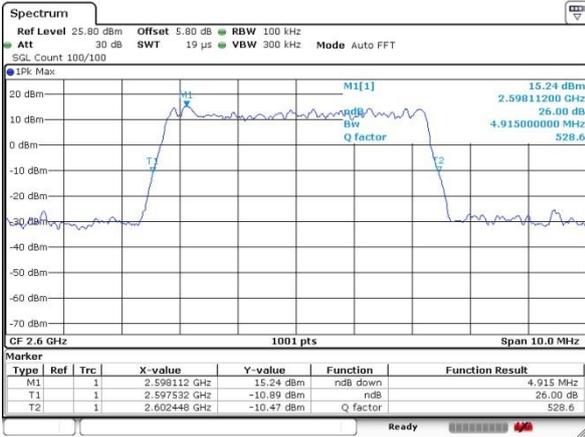
Date: 24.OCT.2018 14:56:14

Lowest Channel / 5MHz / 16QAM



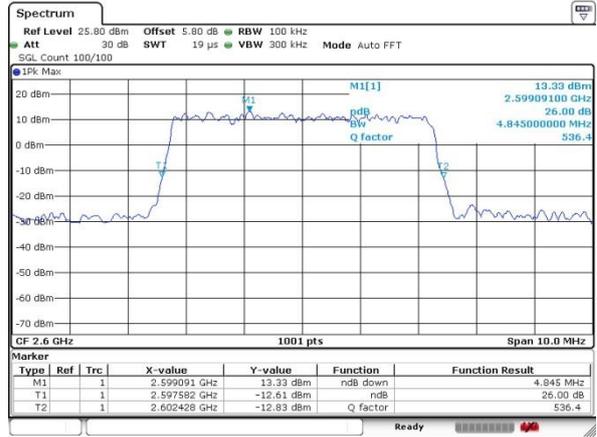
Date: 24.OCT.2018 14:55:58

Middle Channel / 5MHz / QPSK



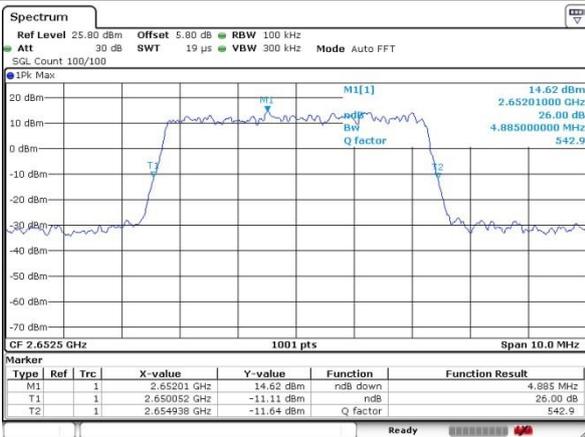
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Middle Channel / 5MHz / 16QAM



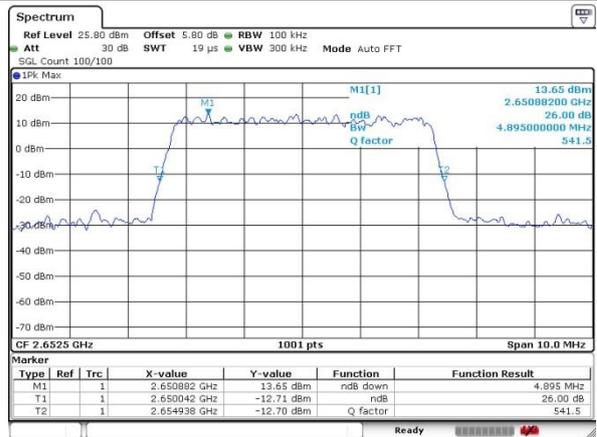
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Highest Channel / 5MHz / QPSK



Date: 24.OCT.2018 14:54:04

Highest Channel / 5MHz / 16QAM

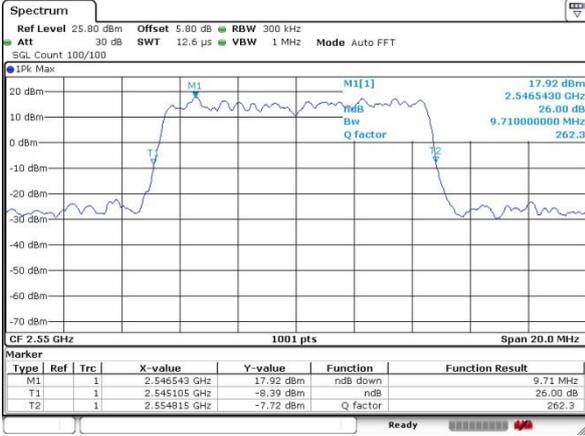


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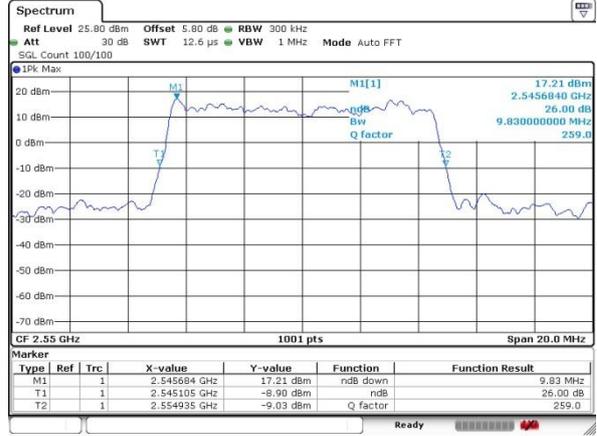
LTE Band 41

Lowest Channel / 10MHz / QPSK



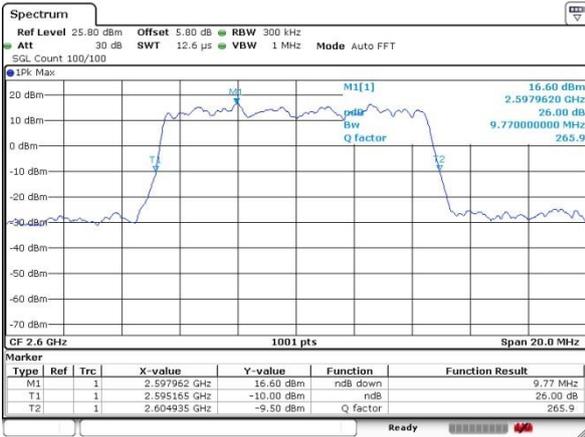
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Lowest Channel / 10MHz / 16QAM



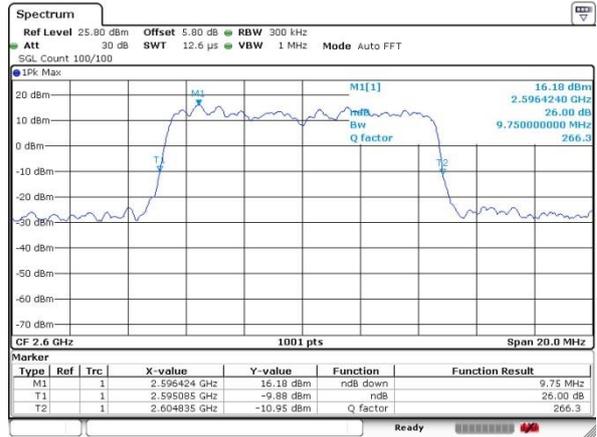
Date: 24.OCT.2018 15:03:55

Middle Channel / 10MHz / QPSK



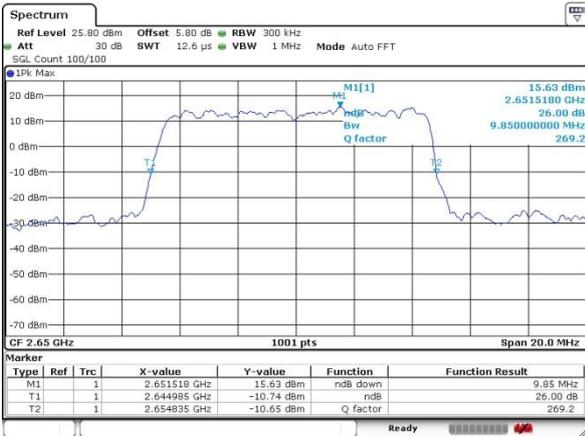
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Middle Channel / 10MHz / 16QAM



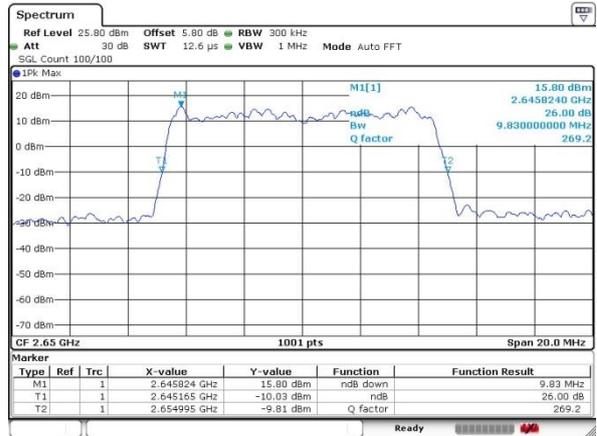
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Highest Channel / 10MHz / QPSK



Date: 24.OCT.2018 15:02:01

Highest Channel / 10MHz / 16QAM

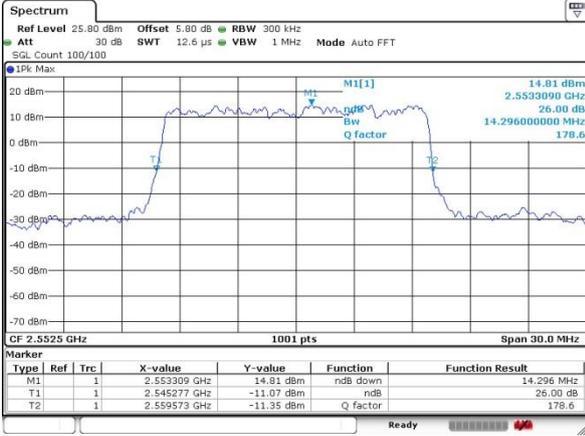


Date: 24.OCT.2018 15:01:45



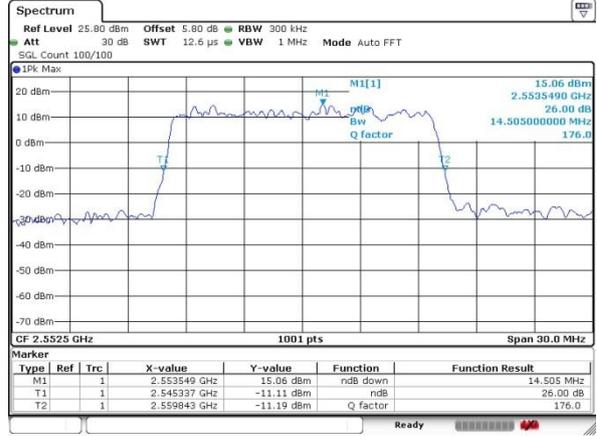
LTE Band 41

Lowest Channel / 15MHz / QPSK



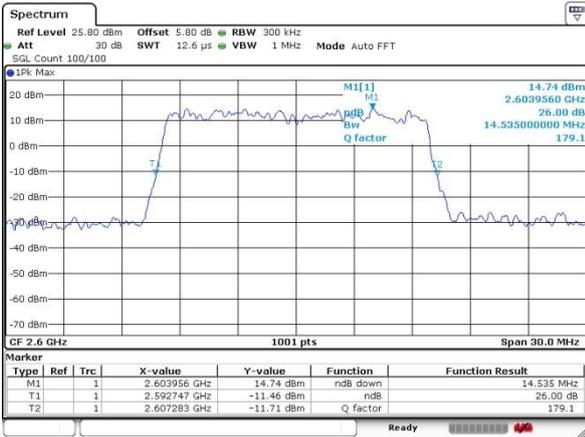
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Lowest Channel / 15MHz / 16QAM



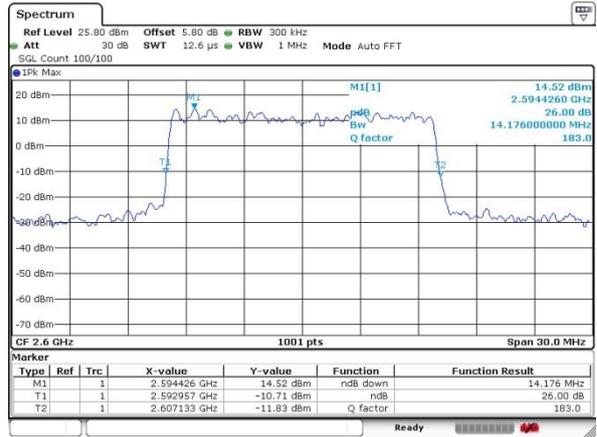
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Middle Channel / 15MHz / QPSK



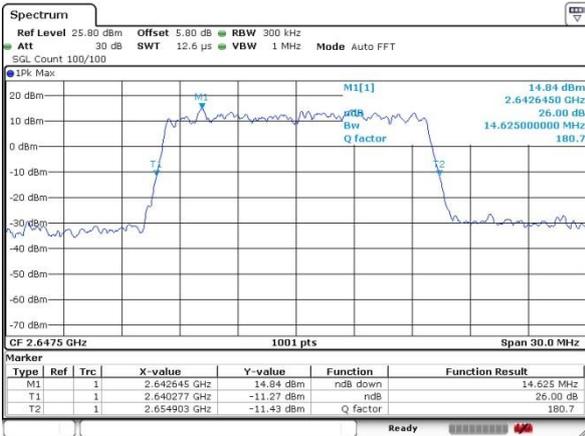
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Middle Channel / 15MHz / 16QAM



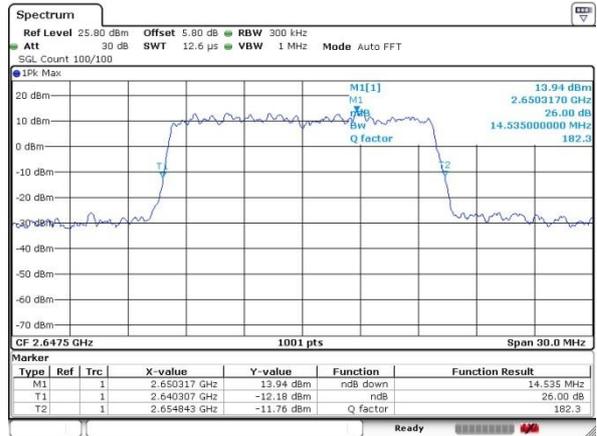
Date: 24.OCT.2018 15:11:34

Highest Channel / 15MHz / QPSK



Date: 24.OCT.2018 15:10:58

Highest Channel / 15MHz / 16QAM

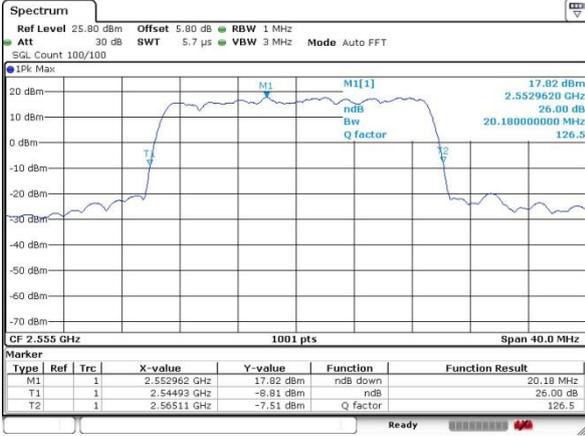


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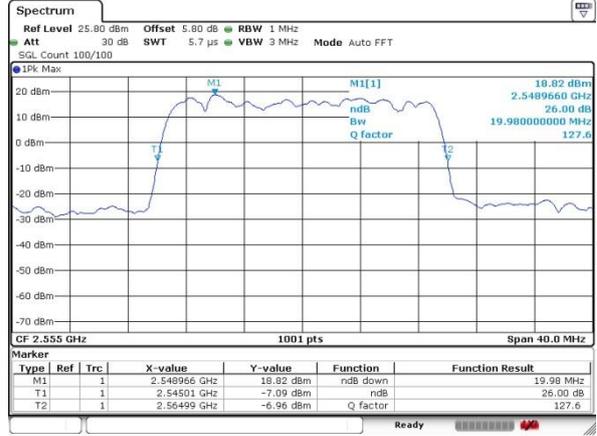
LTE Band 41

Lowest Channel / 20MHz / QPSK



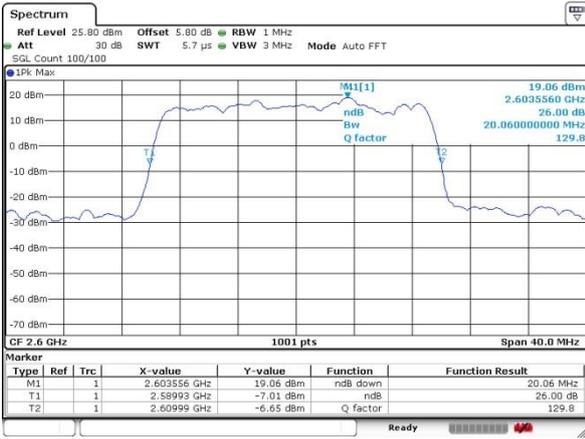
Date: 24.OCT.2018 15:31:40

Lowest Channel / 20MHz / 16QAM



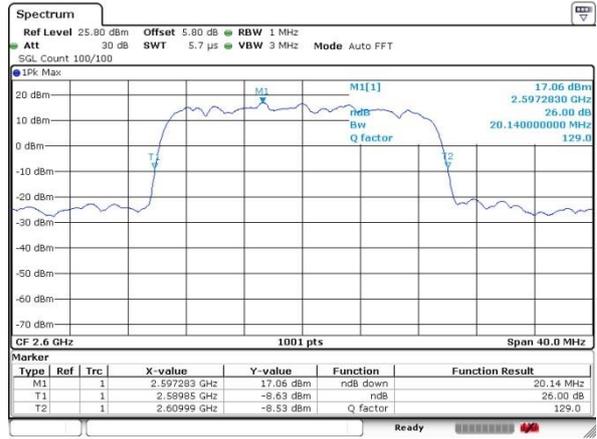
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Middle Channel / 20MHz / QPSK



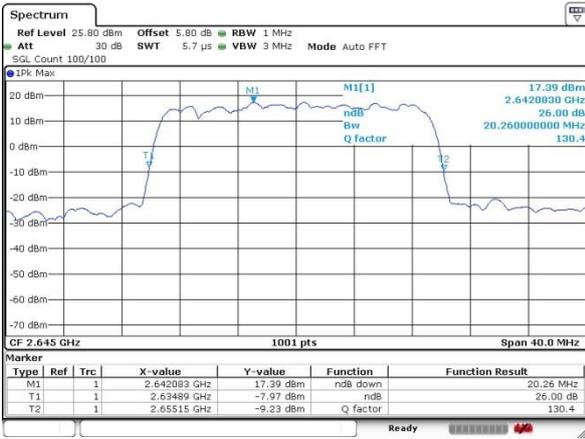
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Middle Channel / 20MHz / 16QAM



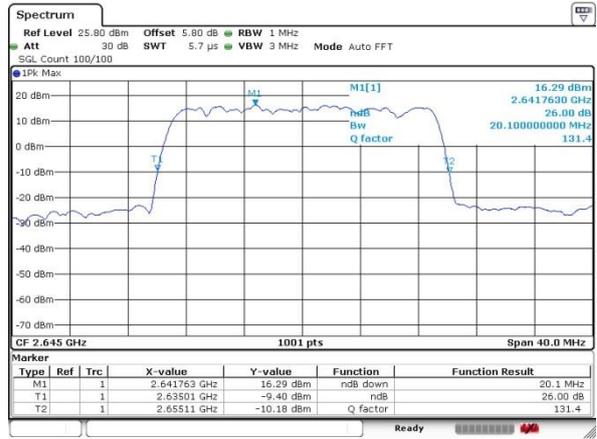
Date: 24.OCT.2018 15:30:22

Highest Channel / 20MHz / QPSK



Date: 24.OCT.2018 15:29:46

Highest Channel / 20MHz / 16QAM

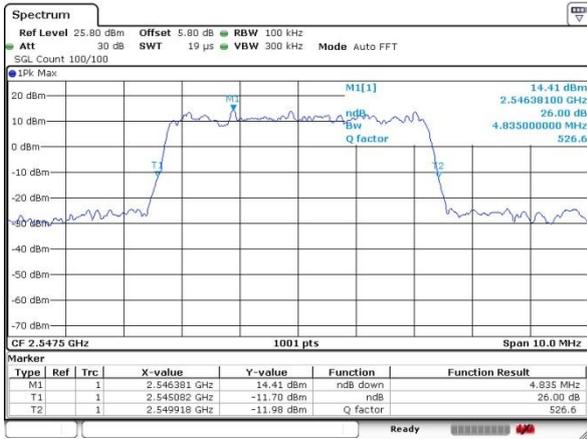


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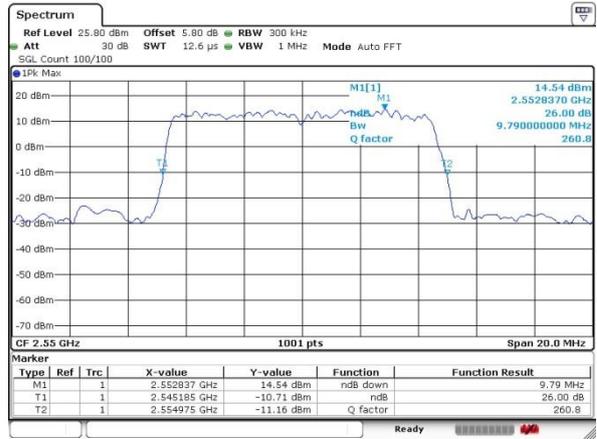
LTE Band 41

Lowest Channel / 5MHz / 64QAM



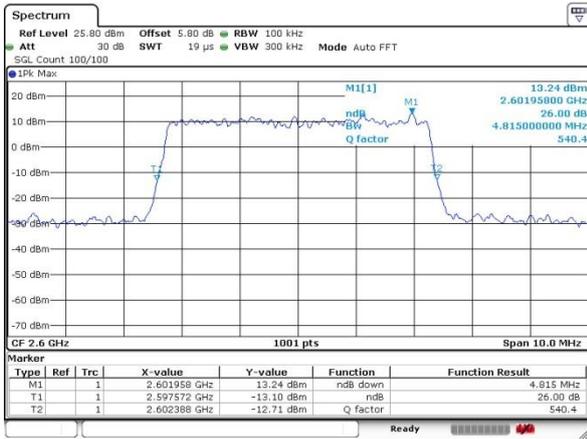
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Lowest Channel / 10MHz / 64QAM



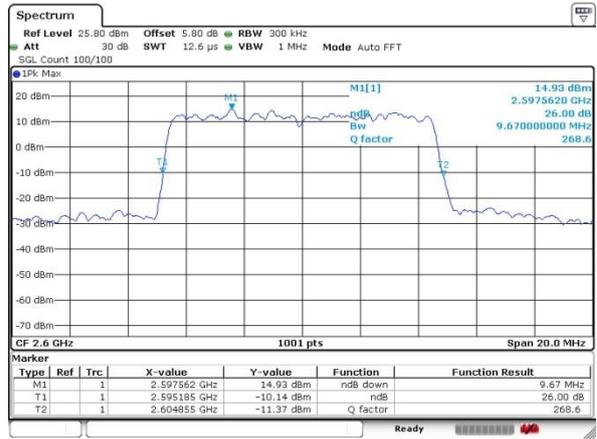
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Middle Channel / 5MHz / 64QAM



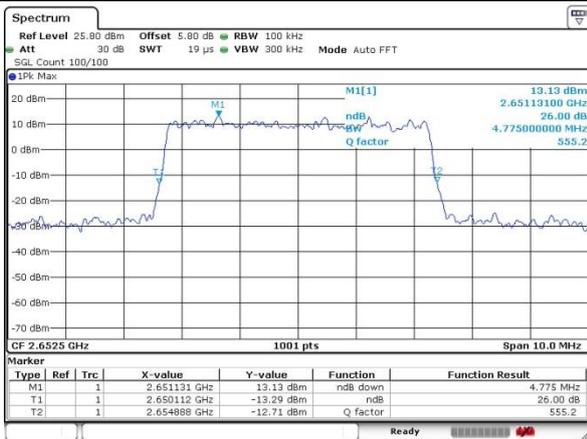
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Middle Channel / 10MHz / 64QAM



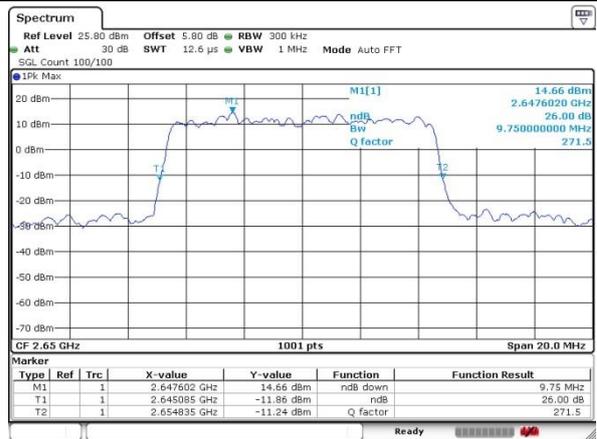
Date: 24.OCT.2018 15:03:09

Highest Channel / 5MHz / 64QAM



Date: 24.OCT.2018 14:53:26

Highest Channel / 10MHz / 64QAM

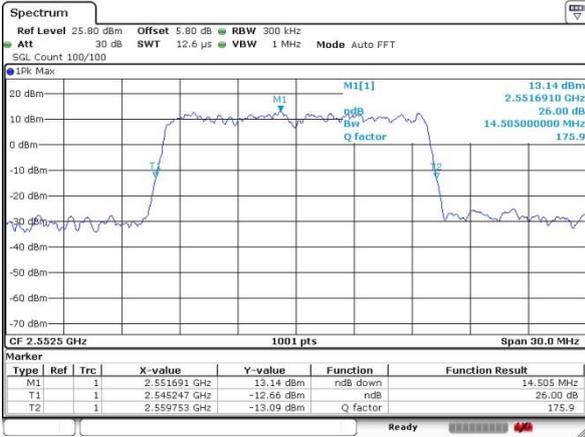


Date: 24.OCT.2018 15:01:24



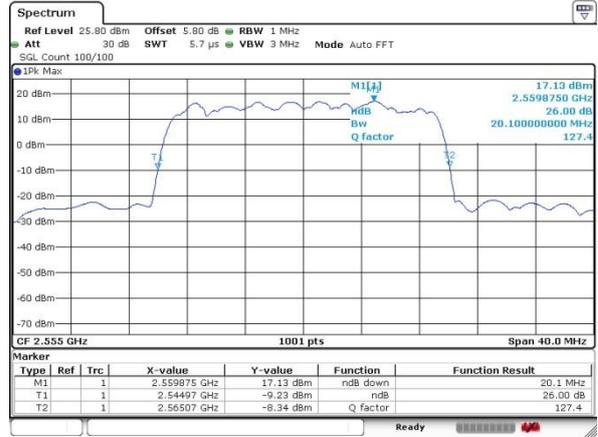
LTE Band 41

Lowest Channel / 15MHz / 64QAM



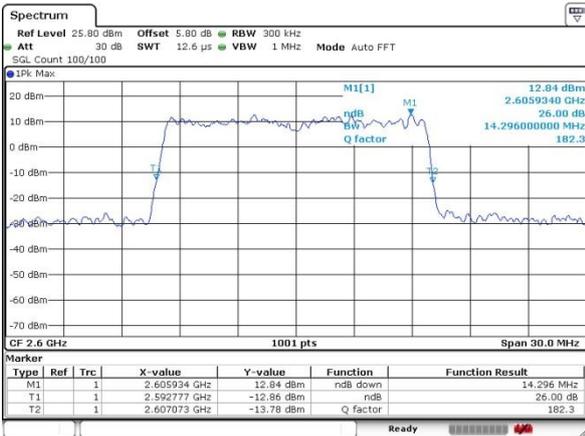
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Lowest Channel / 20MHz / 64QAM



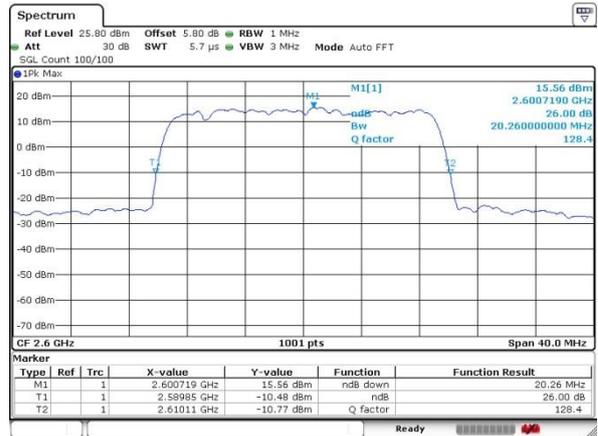
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Middle Channel / 15MHz / 64QAM



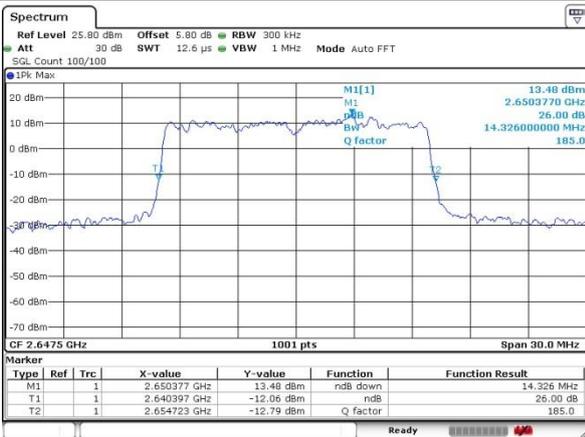
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Middle Channel / 20MHz / 64QAM



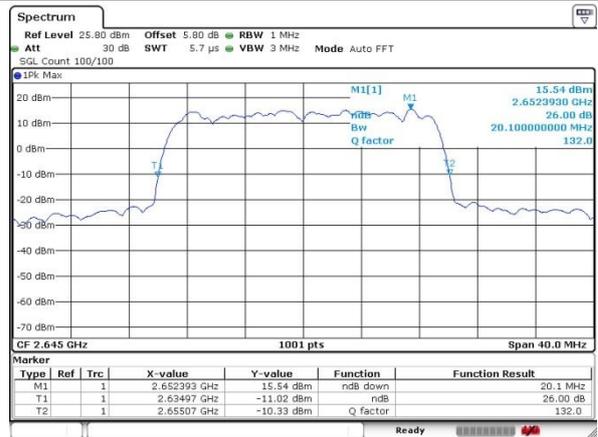
Date: 24.OCT.2018 15:30:37

Highest Channel / 15MHz / 64QAM



Date: 24.OCT.2018 15:10:26

Highest Channel / 20MHz / 64QAM



Date: 24.OCT.2018 15:29:13



Occupied Bandwidth

Table with 13 columns: Mode, BW (1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz), Mod. (QPSK, 16QAM), and rows for Lowest CH, Middle CH, Highest CH. Title: LTE Band 2 : 99%OBW(MHz)

Table with 13 columns: Mode, BW (1.4MHz, 3MHz, 5MHz, 10MHz, 15MHz, 20MHz), Mod. (QPSK, 16QAM), and rows for Lowest CH, Middle CH, Highest CH. Title: LTE Band 4 : 99%OBW(MHz)

Table with 13 columns: Mode, BW (1.4MHz, 3MHz, 5MHz, 10MHz, 1.4MHz, 3MHz, 5MHz, 10MHz), Mod. (QPSK, 16QAM, 64QAM), and rows for Lowest CH, Middle CH, Highest CH. Title: LTE Band 5 : 99%OBW(MHz)



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	-	-	-	-	4.5	4.49	9.01	9.03	13.4	13.46	18.26	18.38
Middle CH	-	-	-	-	4.49	4.49	9.03	9.05	13.43	13.43	18.22	18.54
Highest CH	-	-	-	-	4.51	4.51	9.05	9.01	13.4	13.43	18.38	18.34
Mode	LTE Band 7 : 99%OBW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	4.49		9.05		13.46		18.26					
Middle CH	4.51		9.03		13.46		18.30					
Highest CH	4.50		9.01		13.40		18.38					

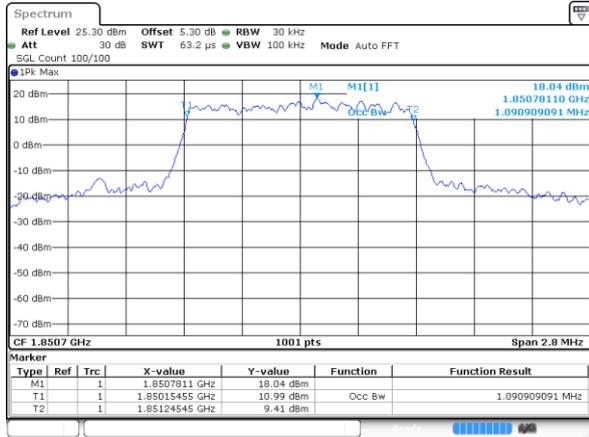
Mode	LTE Band 12 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.09	1.09	2.72	2.72	4.51	4.52	8.97	9.03	1.09	2.72	4.51	9.03
Middle CH	1.09	1.08	2.7	2.73	4.51	4.52	9.09	9.01	1.09	2.71	4.50	9.07
Highest CH	1.09	1.09	2.72	2.71	4.5	4.5	8.97	8.99	1.09	2.70	4.51	9.07

Mode	LTE Band 41 : 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	4.49	4.5	9.03	8.99	13.43	13.46	18.3	18.62	4.50	8.97	13.40	18.14
Middle CH	4.5	4.46	8.97	9.05	13.43	13.4	18.34	18.34	4.49	9.01	13.43	18.26
Highest CH	4.48	4.51	9.07	9.05	13.4	13.46	18.3	18.42	4.51	8.89	13.40	18.30



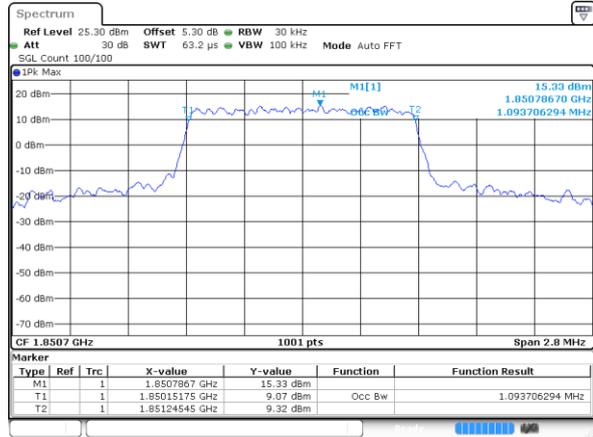
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



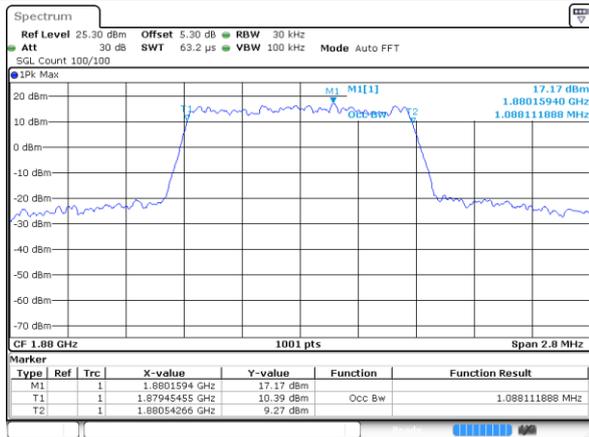
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Lowest Channel / 1.4MHz / 16QAM



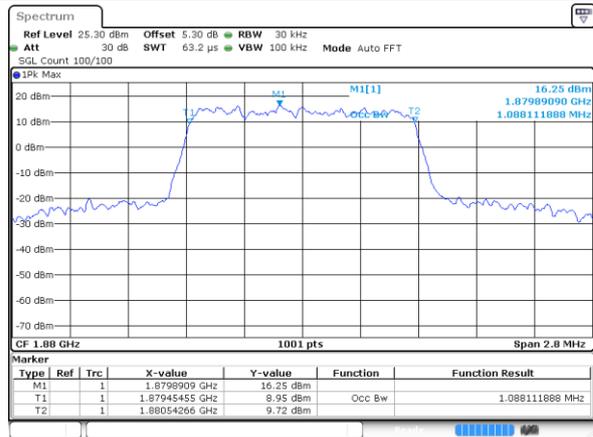
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Middle Channel / 1.4MHz / QPSK



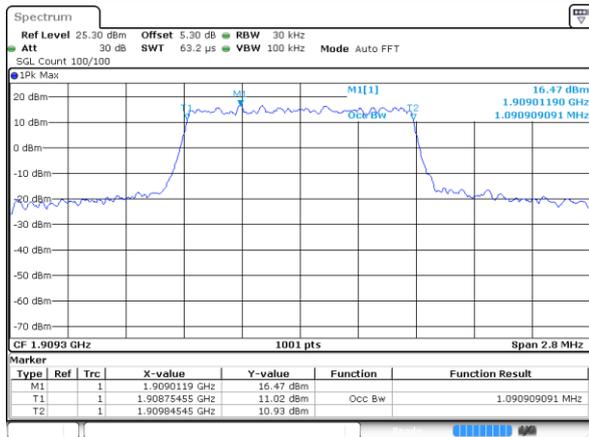
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Middle Channel / 1.4MHz / 16QAM



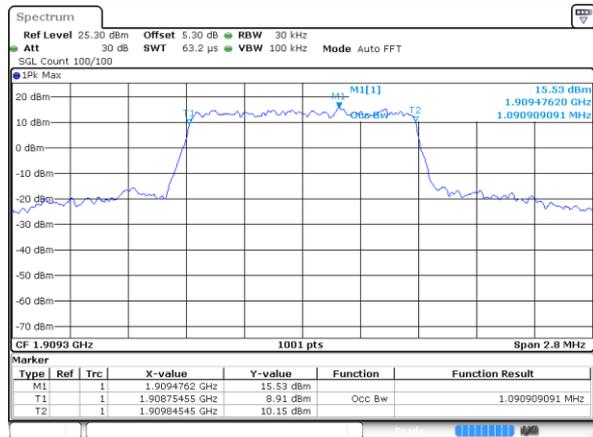
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Highest Channel / 1.4MHz / QPSK



Date: 20.OCT.2018 12:57:15

Highest Channel / 1.4MHz / 16QAM

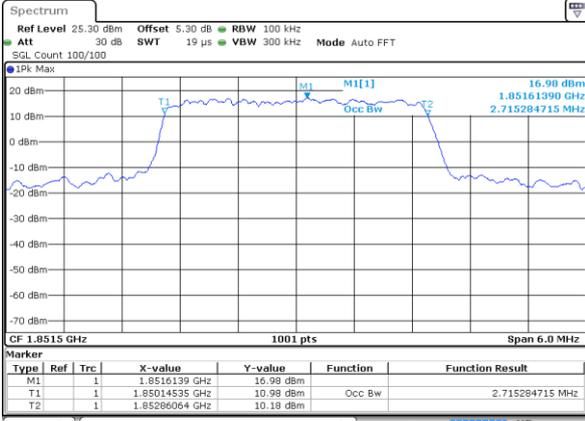


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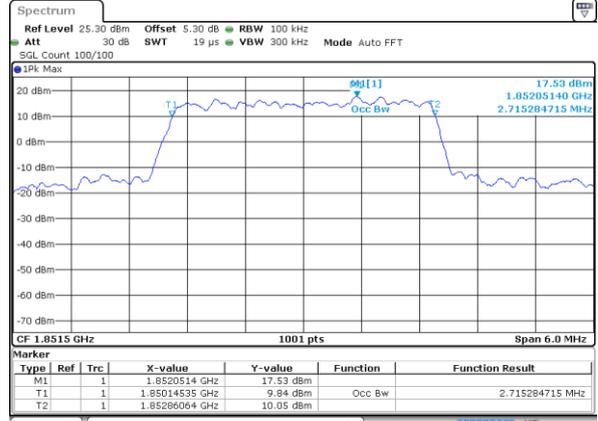
LTE Band 2

Lowest Channel / 3MHz / QPSK



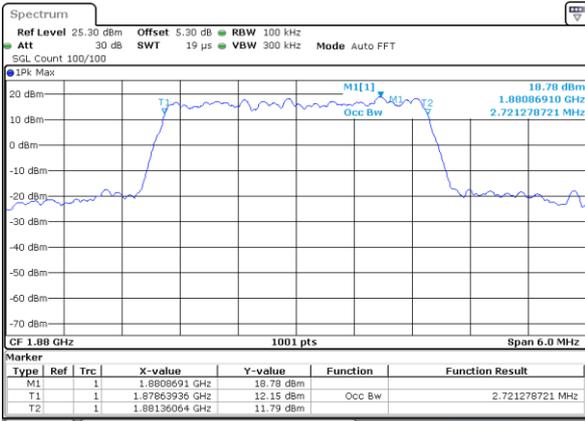
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Lowest Channel / 3MHz / 16QAM



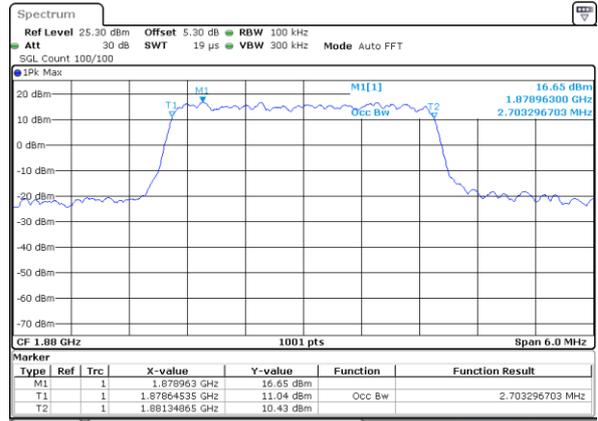
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Middle Channel / 3MHz / QPSK



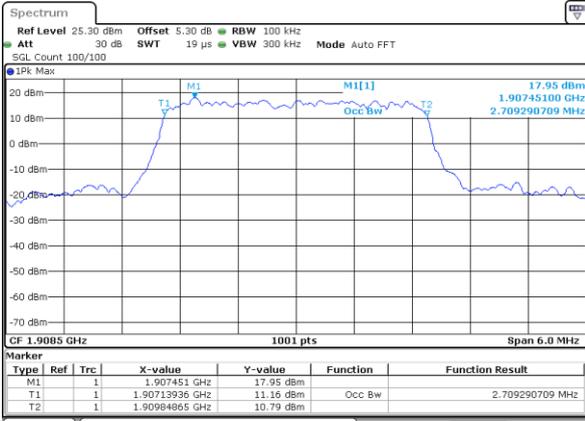
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Middle Channel / 3MHz / 16QAM



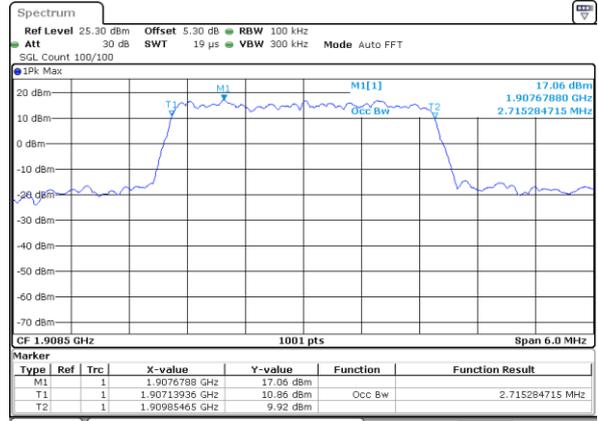
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Highest Channel / 3MHz / QPSK



Date: 20.OCT.2018 13:13:42

Highest Channel / 3MHz / 16QAM

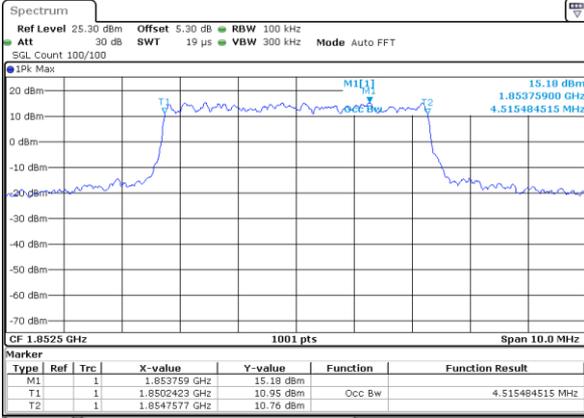


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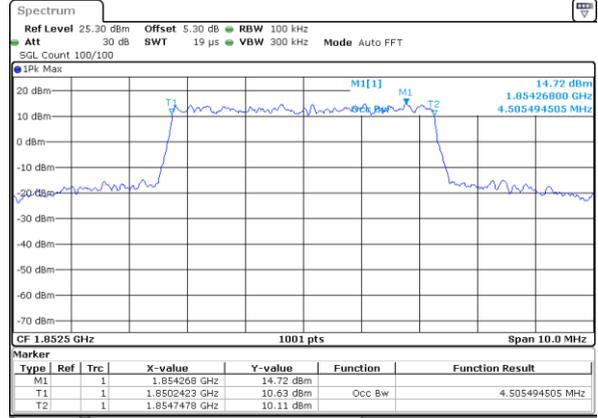
LTE Band 2

Lowest Channel / 5MHz / QPSK



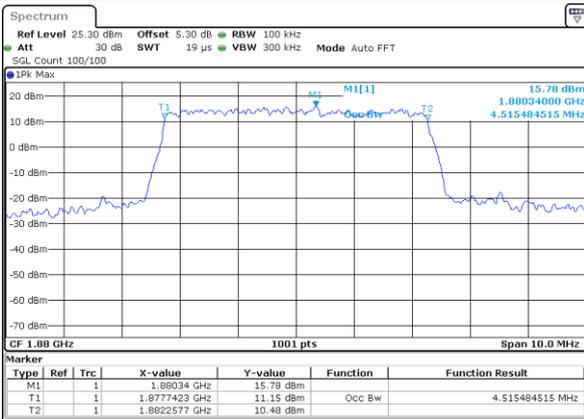
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Lowest Channel / 5MHz / 16QAM



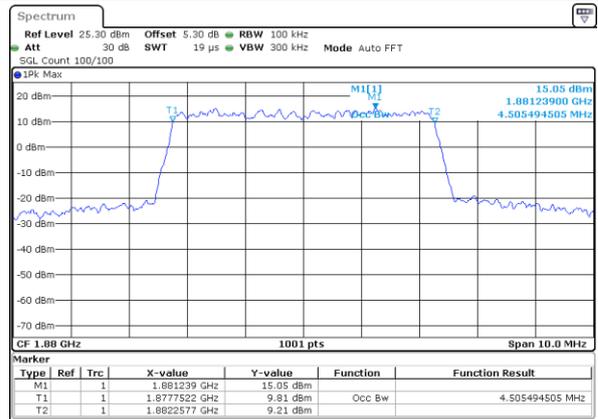
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Middle Channel / 5MHz / QPSK



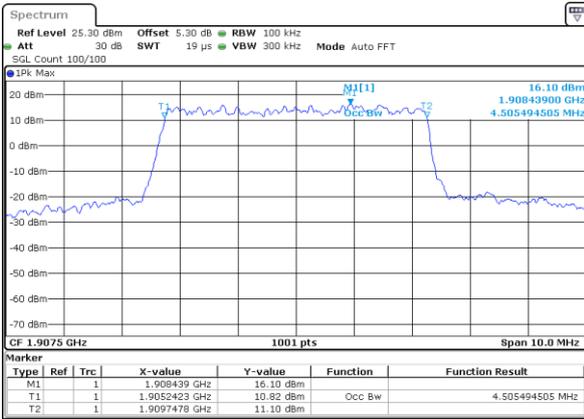
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Middle Channel / 5MHz / 16QAM



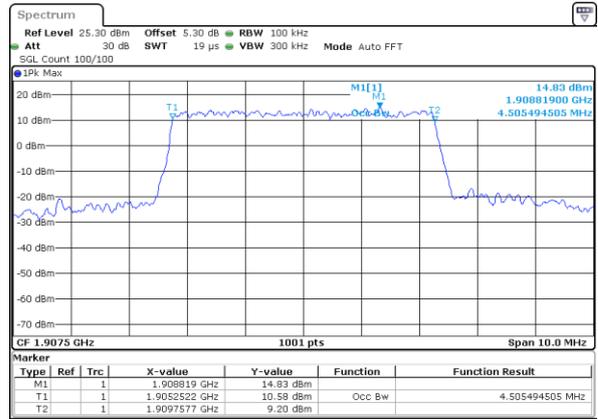
Date: 20.OCT.2018 13:27:51

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2018 13:30:10

Highest Channel / 5MHz / 16QAM

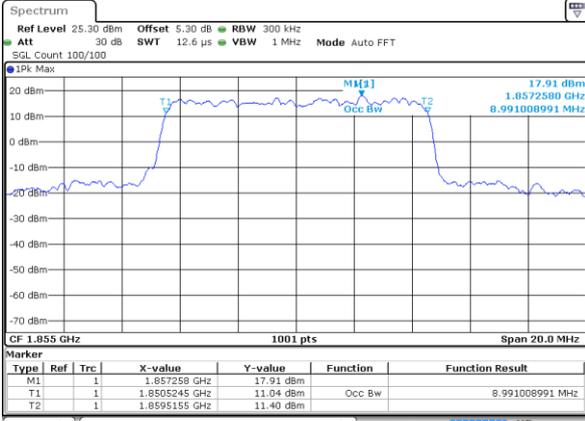


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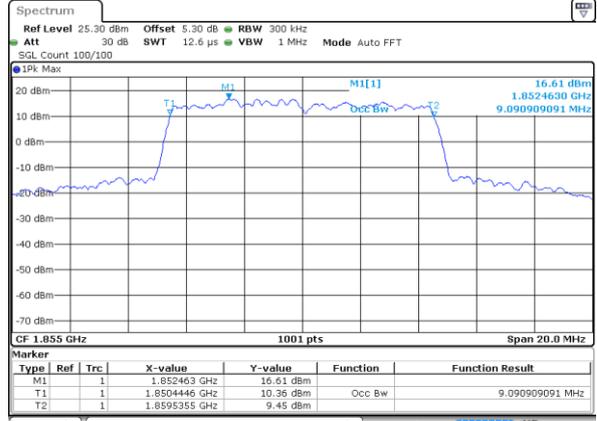
LTE Band 2

Lowest Channel / 10MHz / QPSK



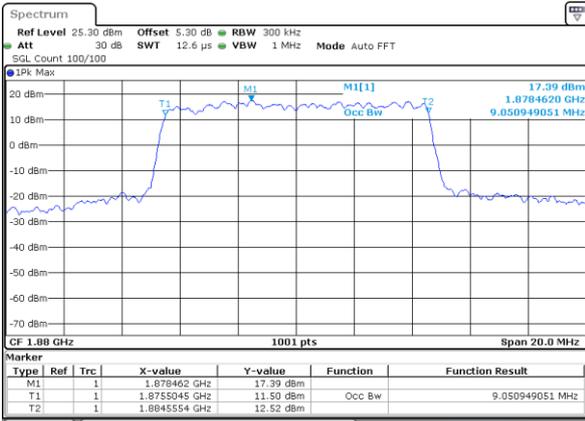
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Lowest Channel / 10MHz / 16QAM



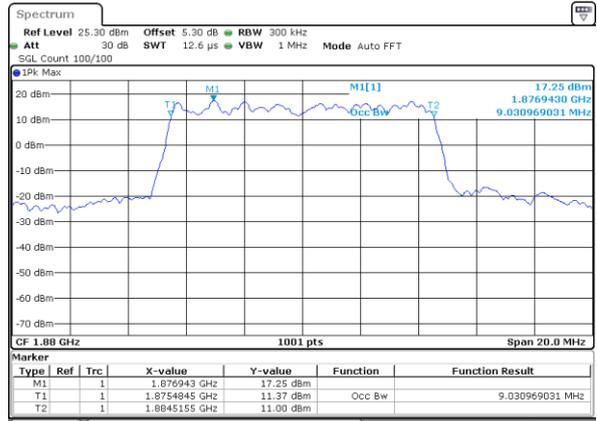
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Middle Channel / 10MHz / QPSK



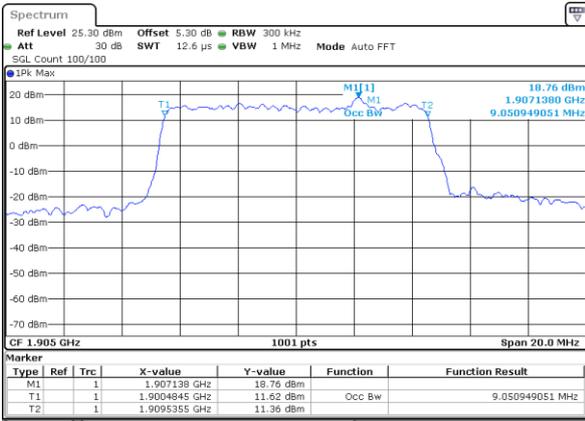
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Middle Channel / 10MHz / 16QAM



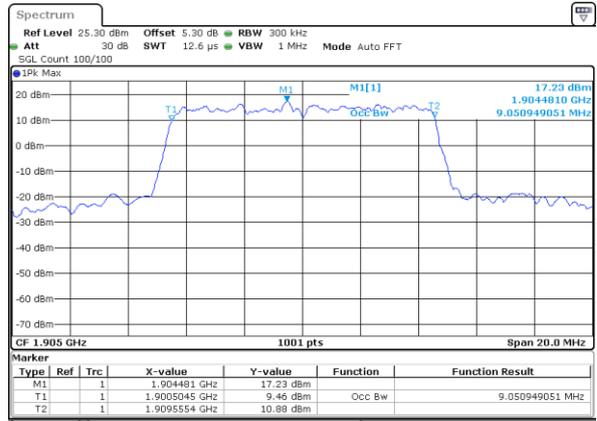
Date: 20.OCT.2018 13:44:19

Highest Channel / 10MHz / QPSK



Date: 20.OCT.2018 13:46:38

Highest Channel / 10MHz / 16QAM

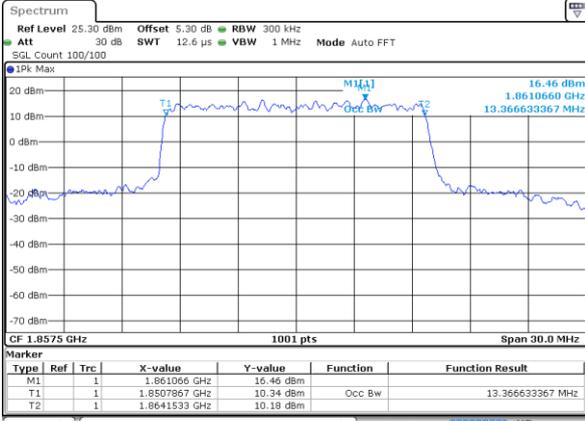


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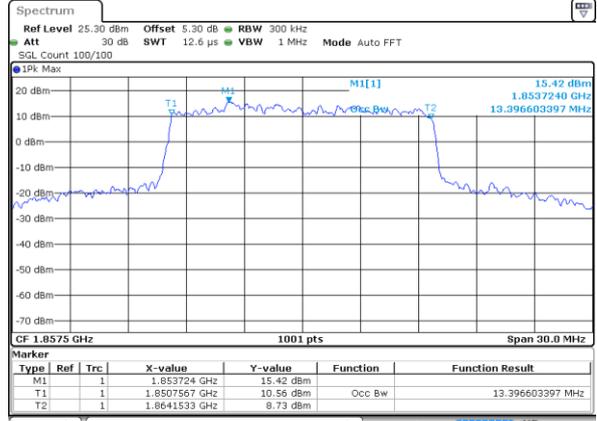
LTE Band 2

Lowest Channel / 15MHz / QPSK



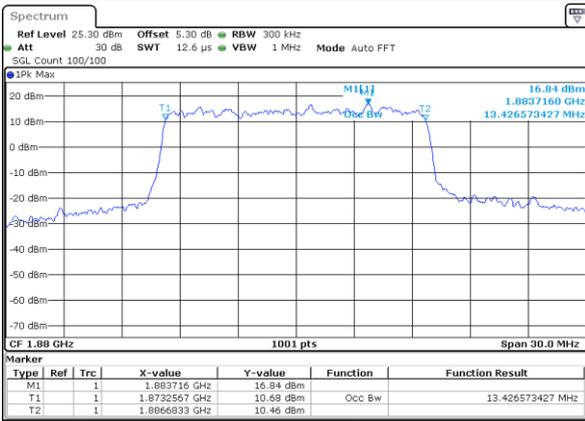
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Lowest Channel / 15MHz / 16QAM



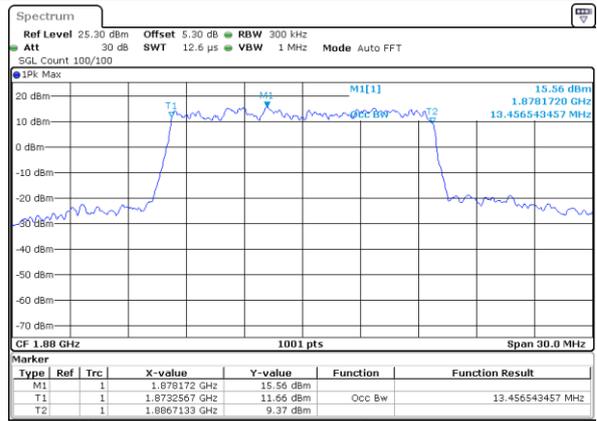
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Middle Channel / 15MHz / QPSK



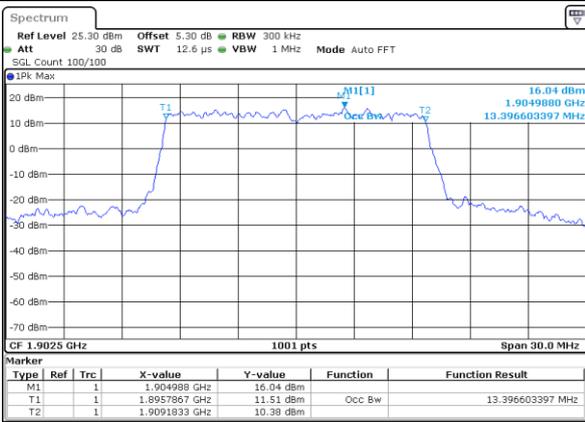
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Middle Channel / 15MHz / 16QAM



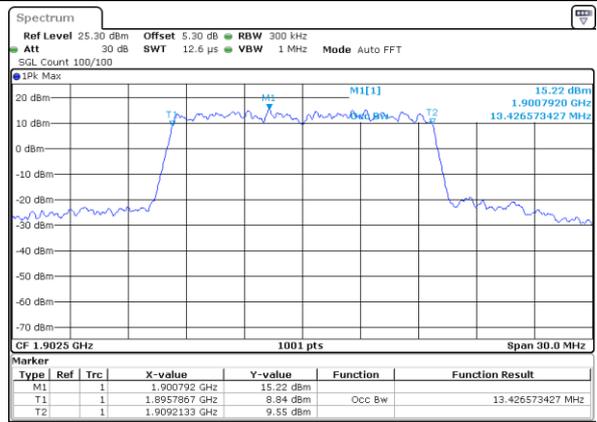
Date: 20.OCT.2018 14:00:46

Highest Channel / 15MHz / QPSK



Date: 20.OCT.2018 14:03:06

Highest Channel / 15MHz / 16QAM

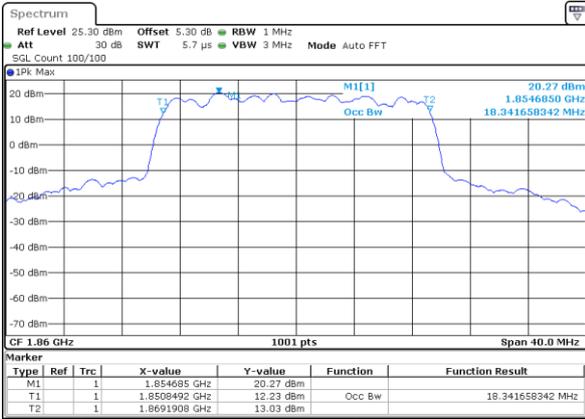


Date: 20.OCT.2018 14:03:16



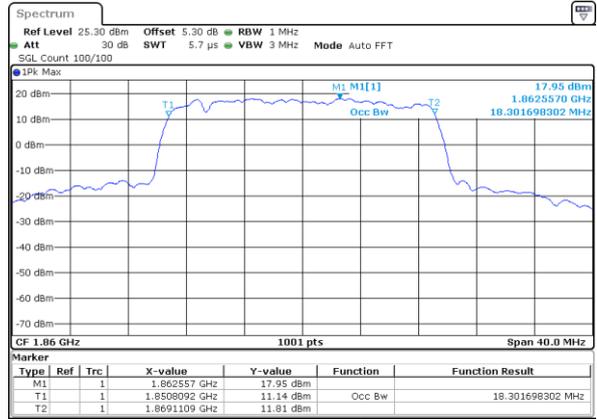
LTE Band 2

Lowest Channel / 20MHz / QPSK



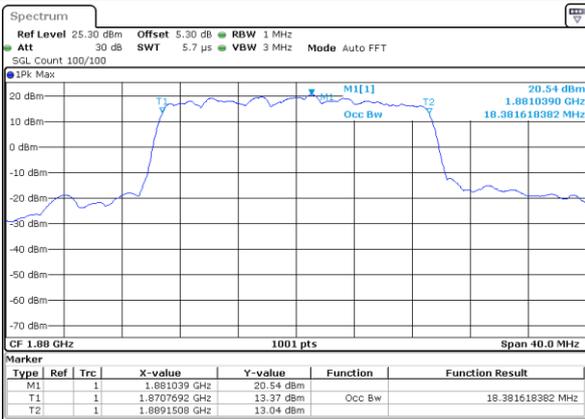
Date: 20.OCT.2018 14:10:05

Lowest Channel / 20MHz / 16QAM



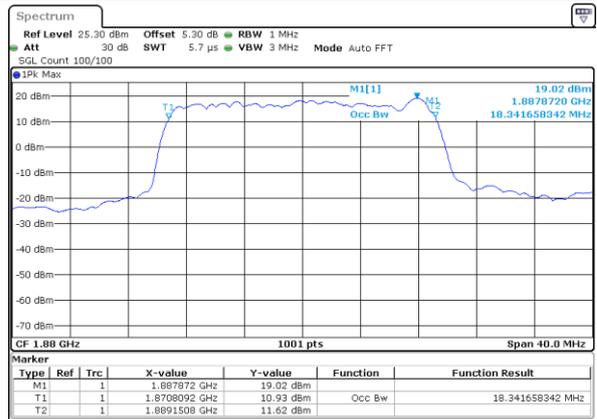
Date: 20.OCT.2018 14:10:15

Middle Channel / 20MHz / QPSK



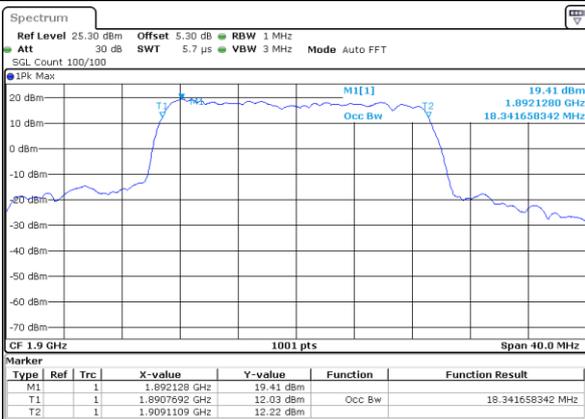
Date: 20.OCT.2018 14:17:04

Middle Channel / 20MHz / 16QAM



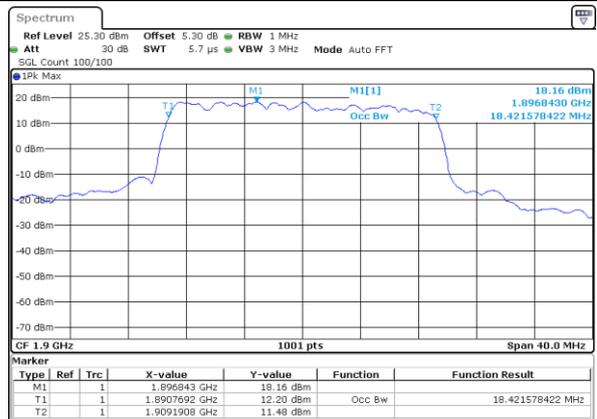
Date: 20.OCT.2018 14:17:14

Highest Channel / 20MHz / QPSK



Date: 20.OCT.2018 14:19:33

Highest Channel / 20MHz / 16QAM

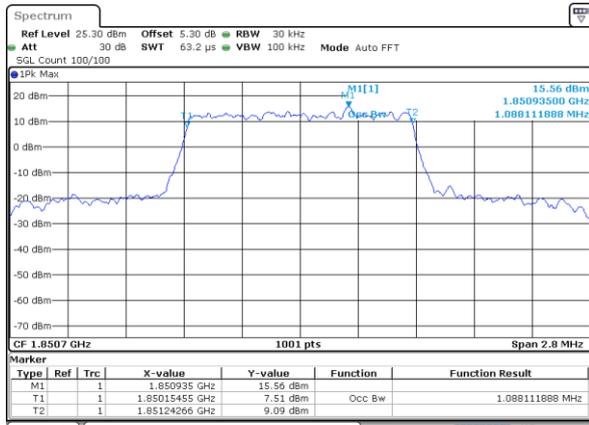


Date: 20.OCT.2018 14:19:43



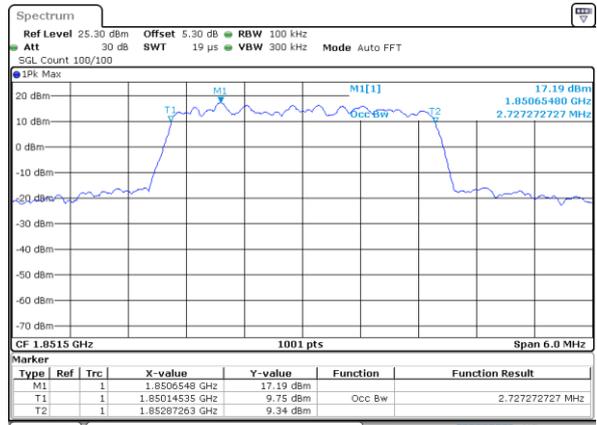
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



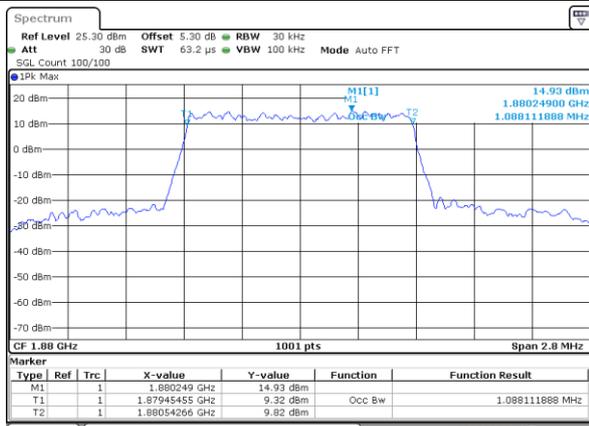
Date: 20.OCT.2018 14:28:12

Lowest Channel / 3MHz / 64QAM



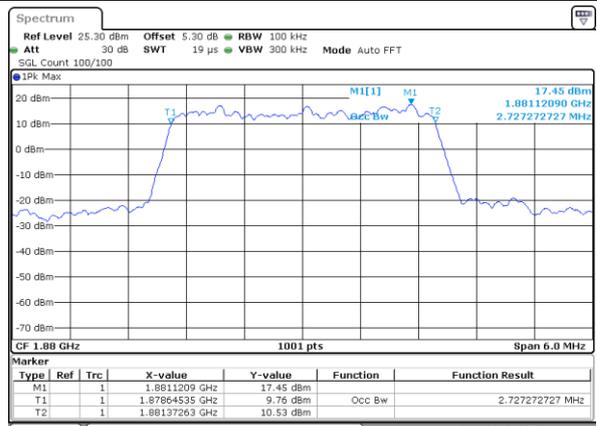
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Middle Channel / 1.4MHz / 64QAM



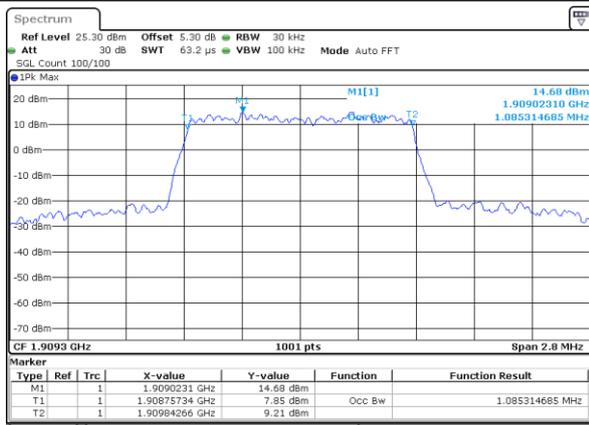
Date: 20.OCT.2018 14:28:23

Middle Channel / 3MHz / 64QAM



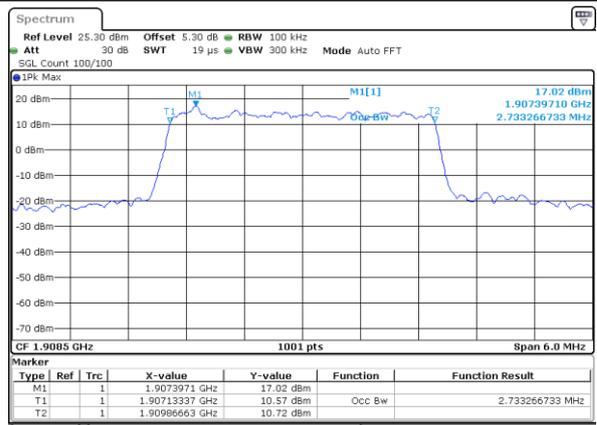
Date: 20.OCT.2018 14:28:53

Highest Channel / 1.4MHz / 64QAM



Date: 20.OCT.2018 14:28:33

Highest Channel / 3MHz / 64QAM

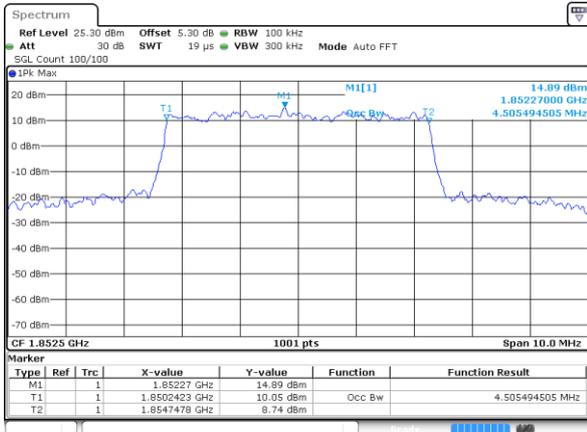


Date: 20.OCT.2018 14:29:03



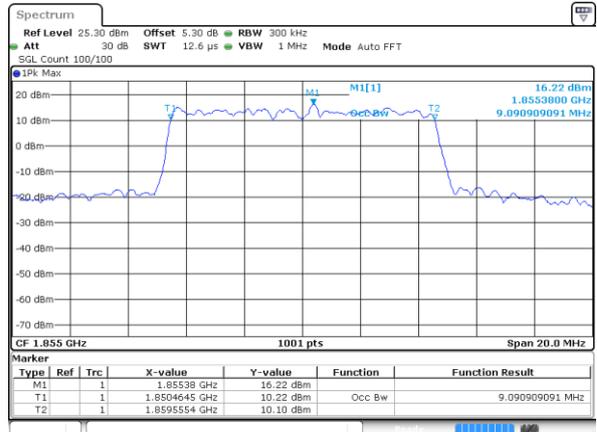
LTE Band 2

Lowest Channel / 5MHz / 64QAM



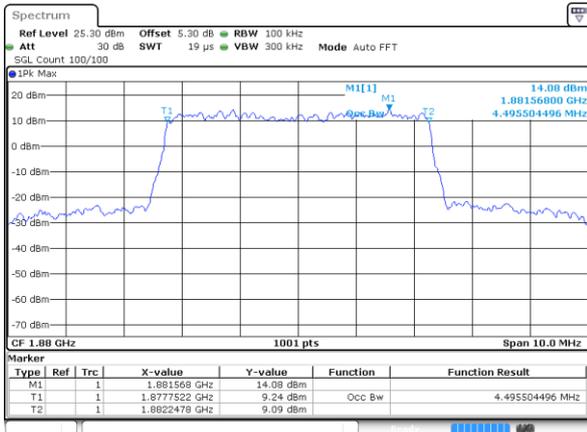
Date: 20.OCT.2018 14:29:13

Lowest Channel / 10MHz / 64QAM



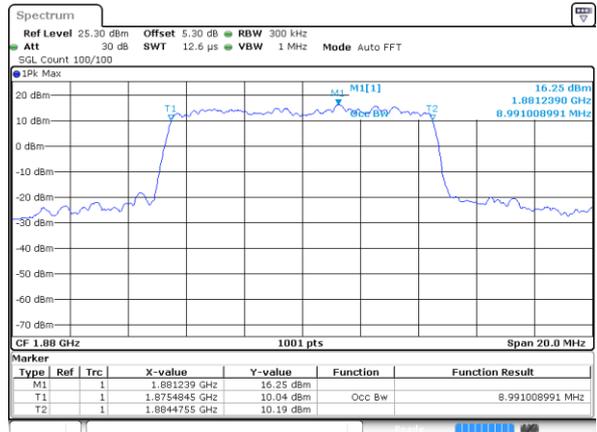
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Middle Channel / 5MHz / 64QAM



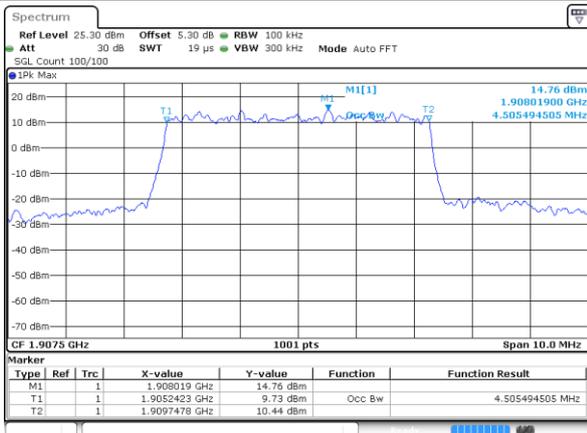
Date: 20.OCT.2018 14:29:23

Middle Channel / 10MHz / 64QAM



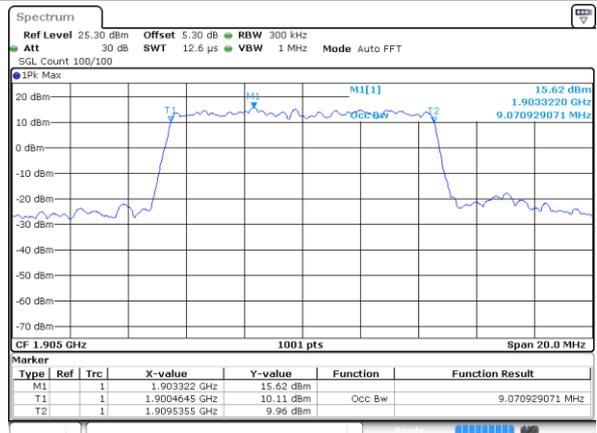
Date: 20.OCT.2018 14:29:53

Highest Channel / 5MHz / 64QAM



Date: 20.OCT.2018 14:29:33

Highest Channel / 10MHz / 64QAM

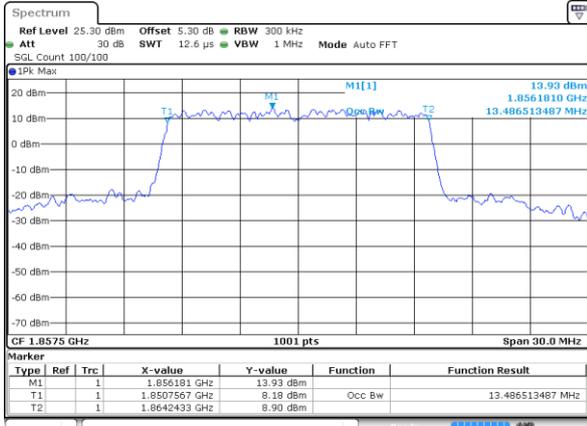


Date: 20.OCT.2018 14:30:03



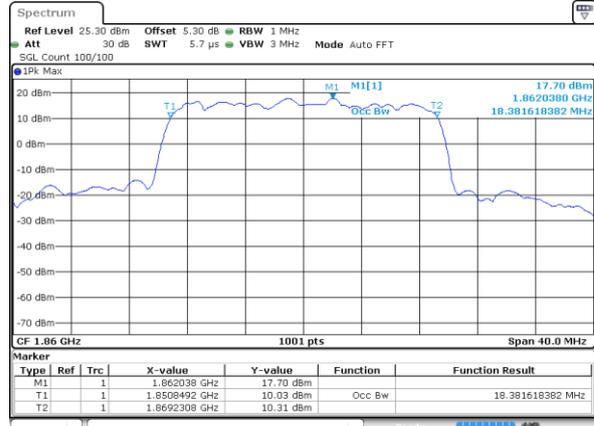
LTE Band 2

Lowest Channel / 15MHz / 64QAM



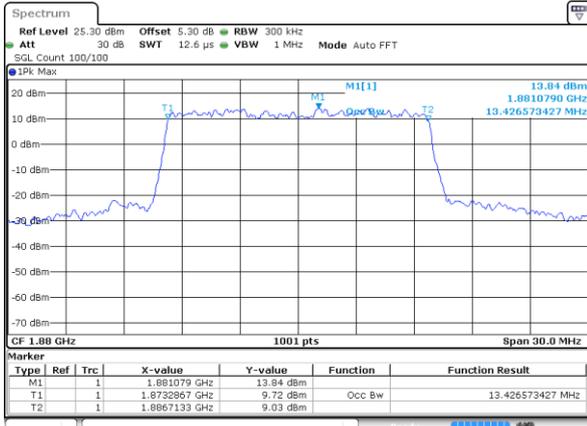
Date: 20.OCT.2018 14:30:13

Lowest Channel / 20MHz / 64QAM



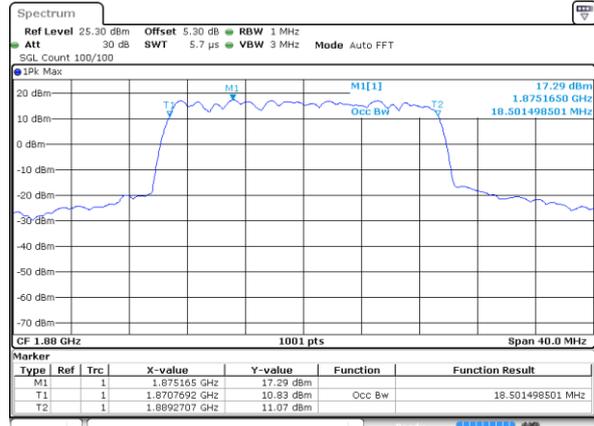
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Middle Channel / 15MHz / 64QAM



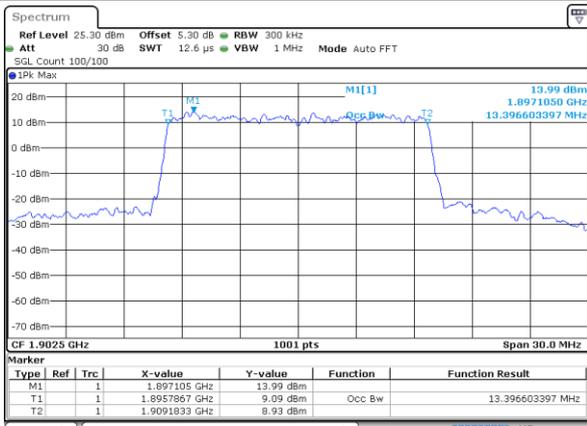
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Middle Channel / 20MHz / 64QAM



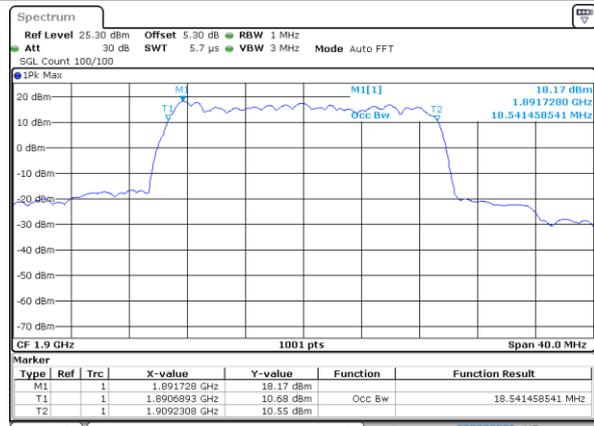
Date: 20.OCT.2018 14:30:53

Highest Channel / 15MHz / 64QAM



Date: 20.OCT.2018 14:30:33

Highest Channel / 20MHz / 64QAM

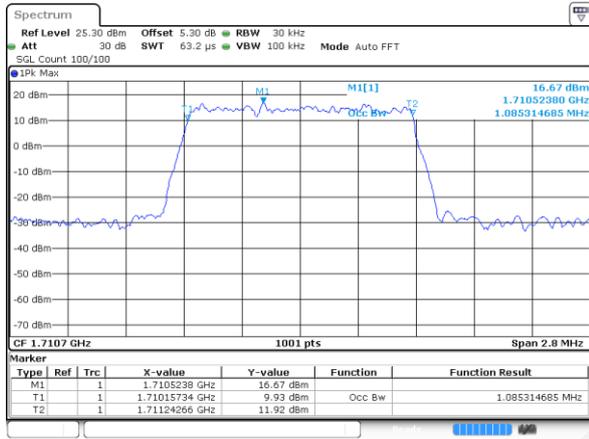


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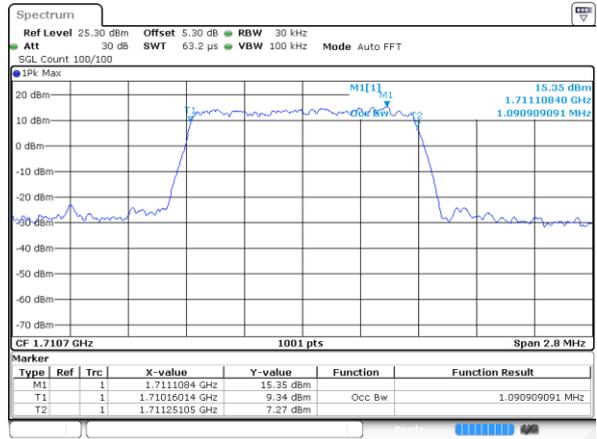
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



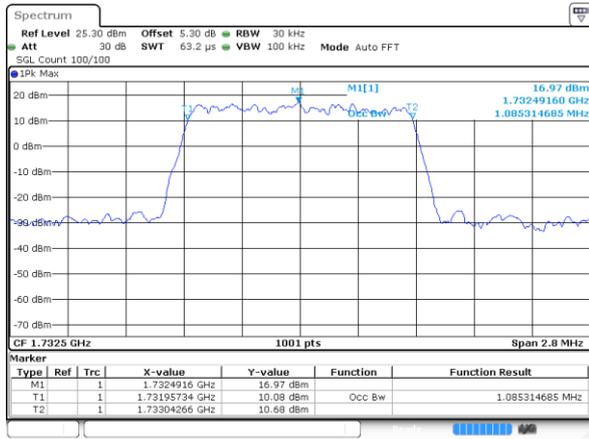
Date: 20.OCT.2018 15:47:15

Lowest Channel / 1.4MHz / 16QAM



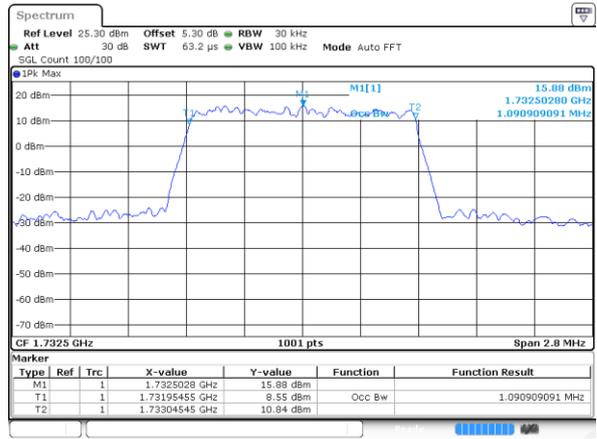
Date: 20.OCT.2018 15:47:25

Middle Channel / 1.4MHz / QPSK



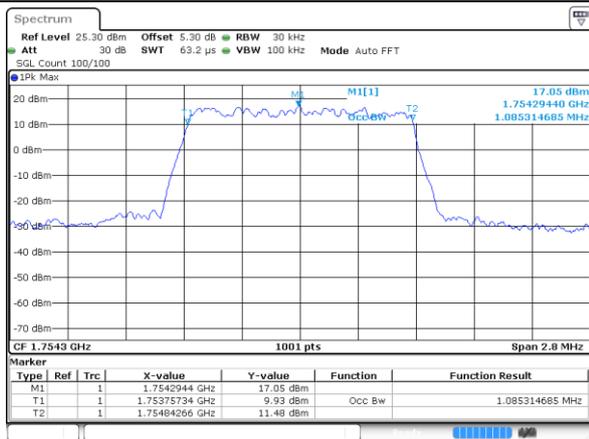
Date: 20.OCT.2018 16:00:40

Middle Channel / 1.4MHz / 16QAM



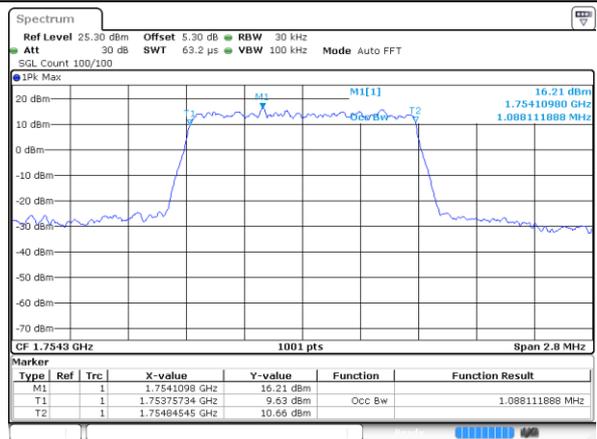
Date: 20.OCT.2018 16:00:50

Highest Channel / 1.4MHz / QPSK



Date: 20.OCT.2018 16:03:09

Highest Channel / 1.4MHz / 16QAM

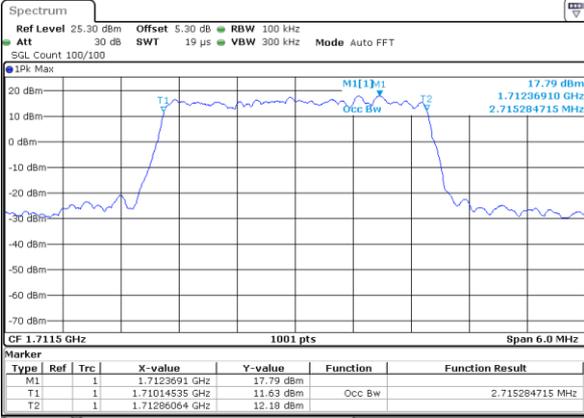


Date: 20.OCT.2018 16:03:19



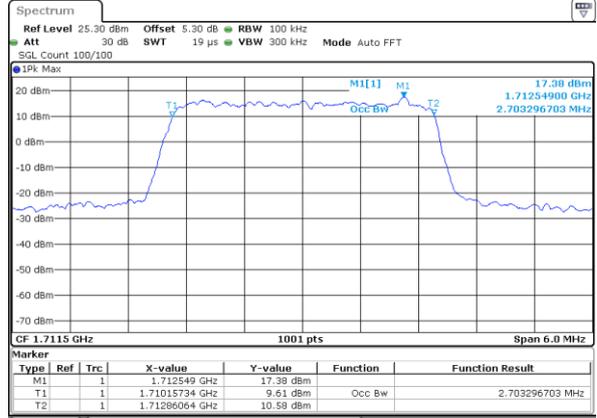
LTE Band 4

Lowest Channel / 3MHz / QPSK



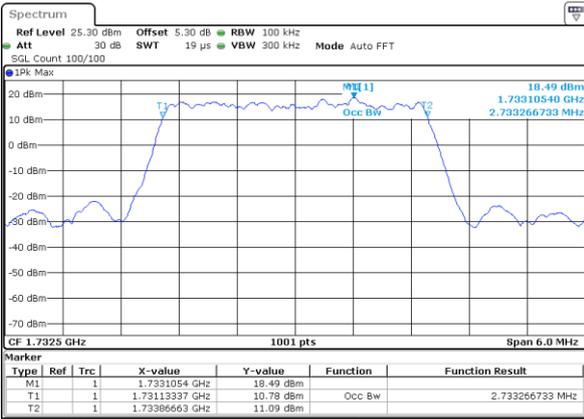
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Lowest Channel / 3MHz / 16QAM



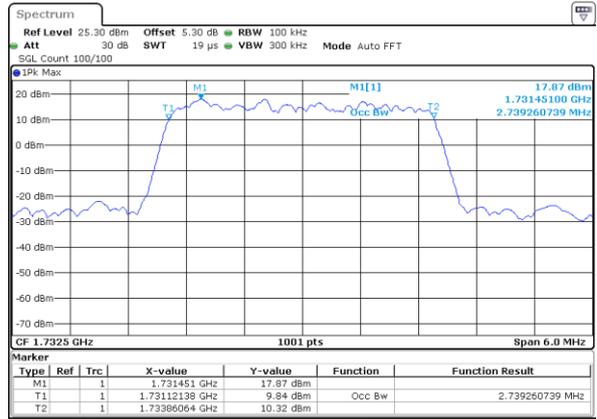
Date: 20.OCT.2018 16:10:18

Middle Channel / 3MHz / QPSK



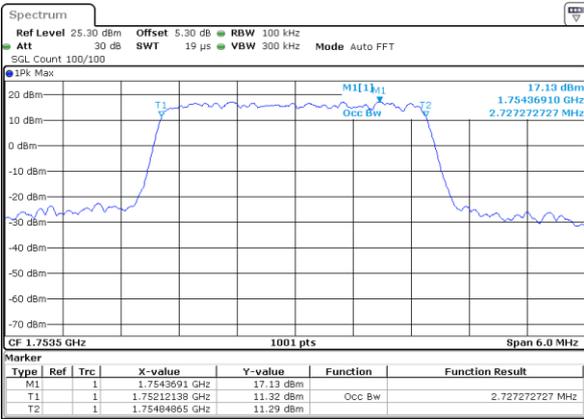
Date: 20.OCT.2018 16:17:07

Middle Channel / 3MHz / 16QAM



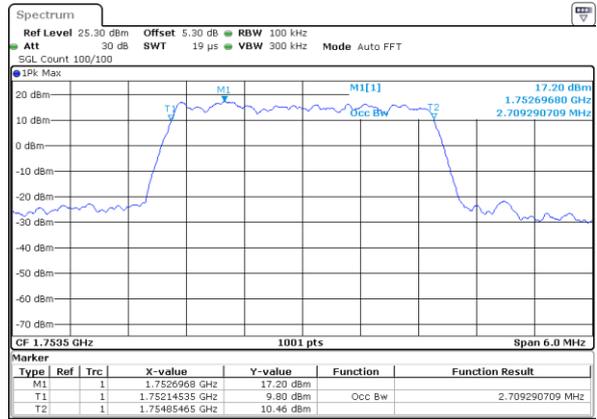
Date: 20.OCT.2018 16:17:17

Highest Channel / 3MHz / QPSK



Date: 20.OCT.2018 16:19:37

Highest Channel / 3MHz / 16QAM

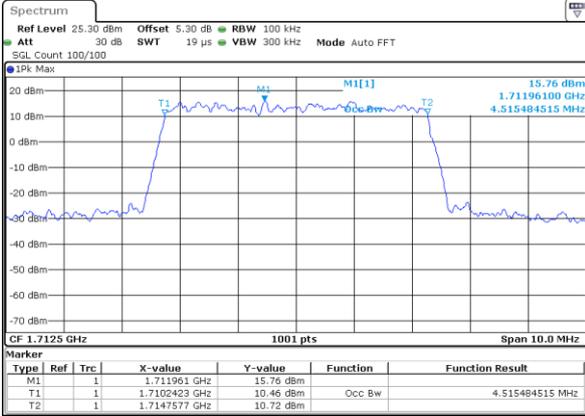


Date: 20.OCT.2018 16:19:47



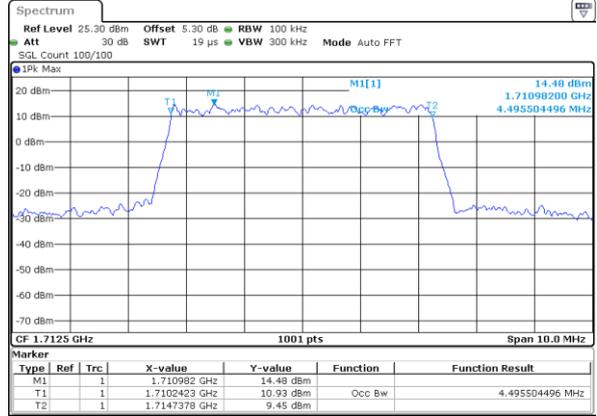
LTE Band 4

Lowest Channel / 5MHz / QPSK



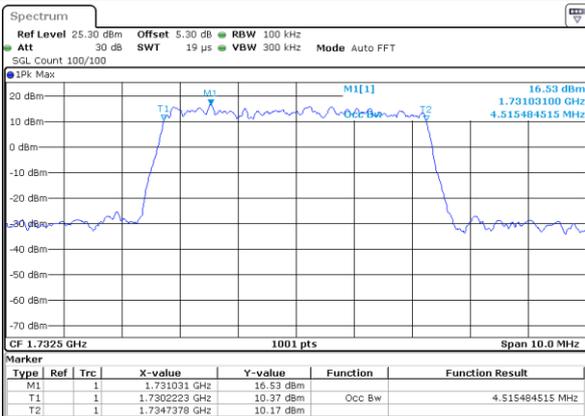
Date: 20.OCT.2018 16:26:36

Lowest Channel / 5MHz / 16QAM



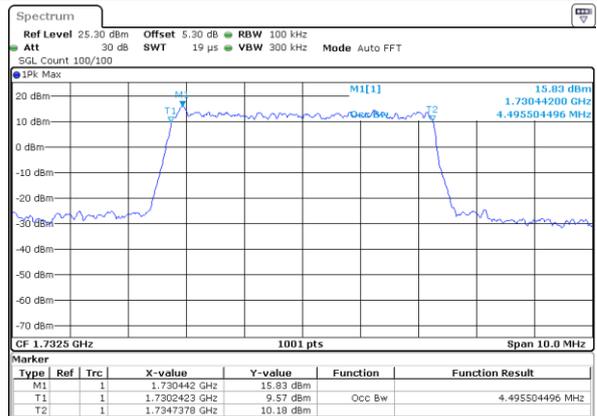
Date: 20.OCT.2018 16:26:46

Middle Channel / 5MHz / QPSK



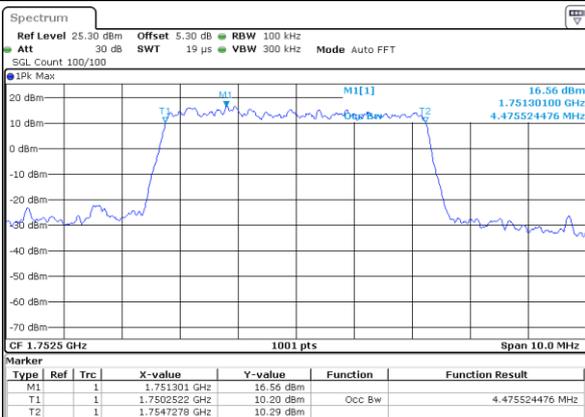
Date: 20.OCT.2018 16:33:35

Middle Channel / 5MHz / 16QAM



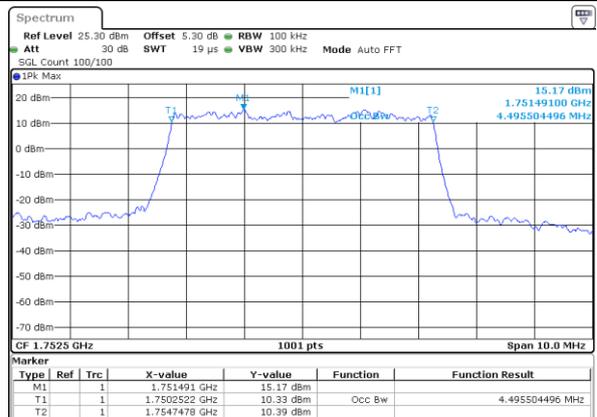
Date: 20.OCT.2018 16:33:45

Highest Channel / 5MHz / QPSK



Date: 20.OCT.2018 16:36:05

Highest Channel / 5MHz / 16QAM

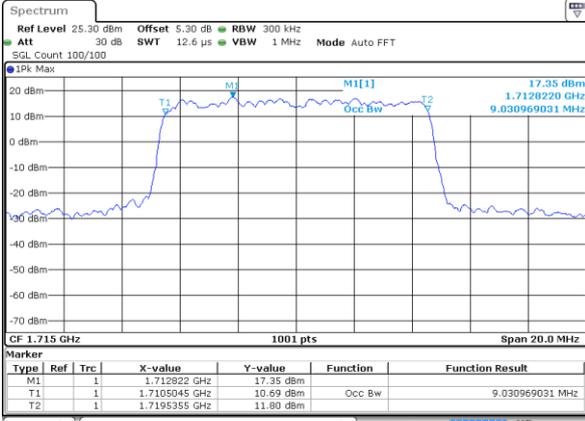


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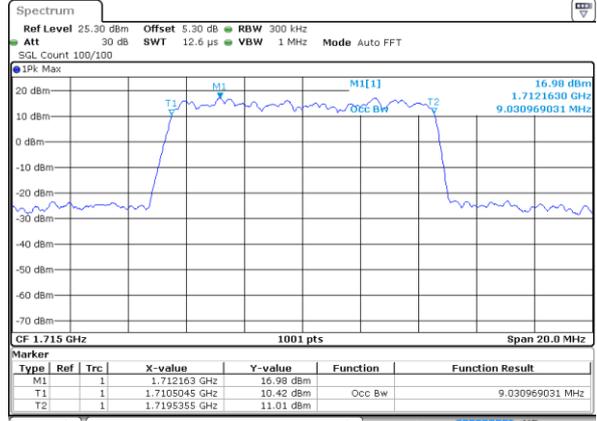
LTE Band 4

Lowest Channel / 10MHz / QPSK



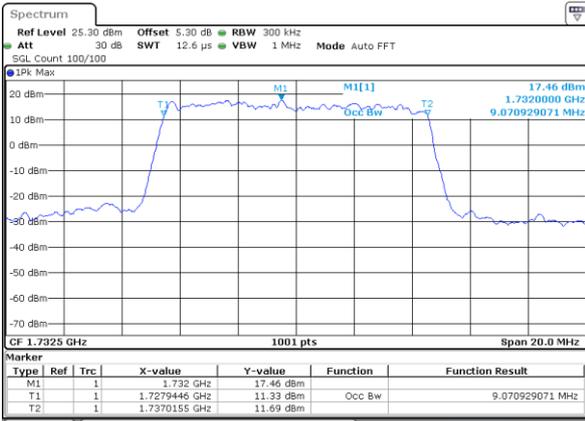
Date: 20.OCT.2018 16:43:04

Lowest Channel / 10MHz / 16QAM



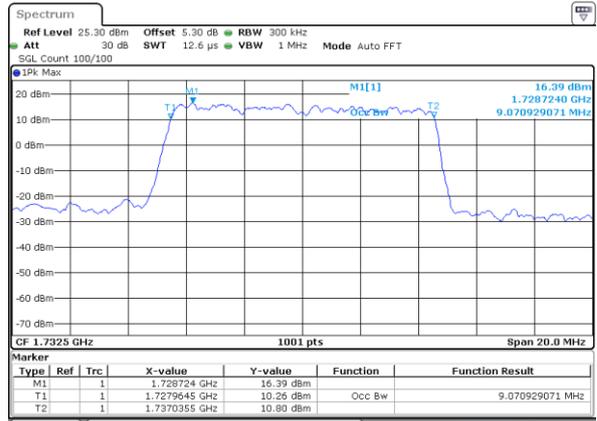
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Middle Channel / 10MHz / QPSK



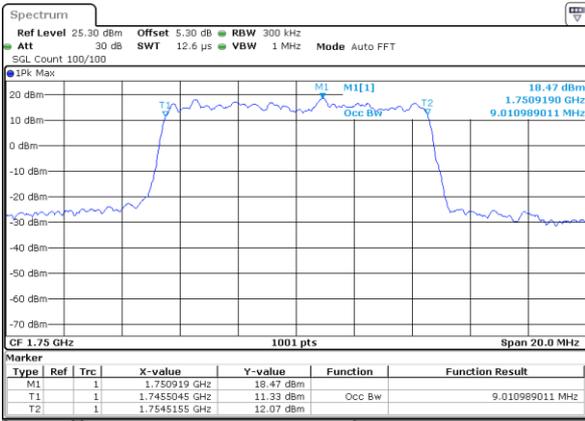
Date: 20.OCT.2018 16:50:03

Middle Channel / 10MHz / 16QAM



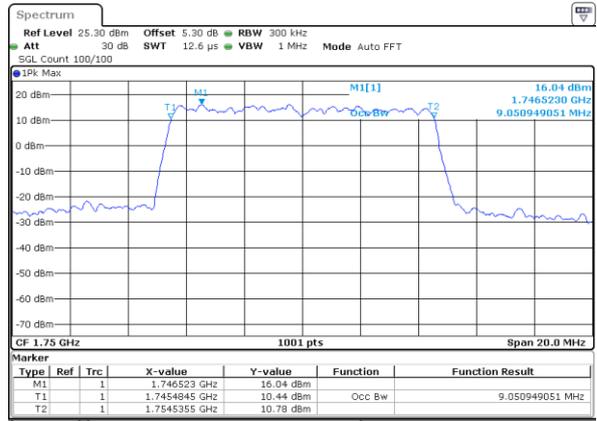
Date: 20.OCT.2018 16:50:13

Highest Channel / 10MHz / QPSK



Date: 20.OCT.2018 16:52:32

Highest Channel / 10MHz / 16QAM



Date: 20.OCT.2018 16:52:42