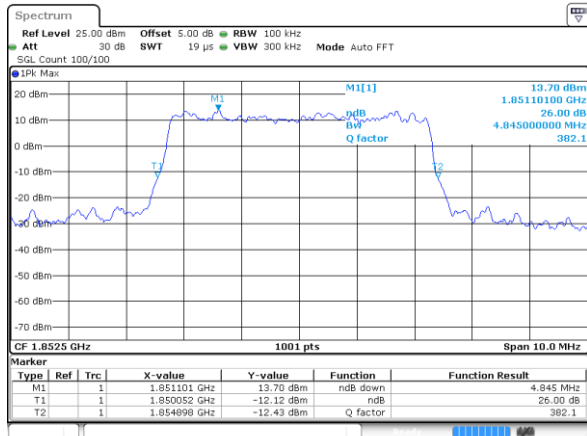


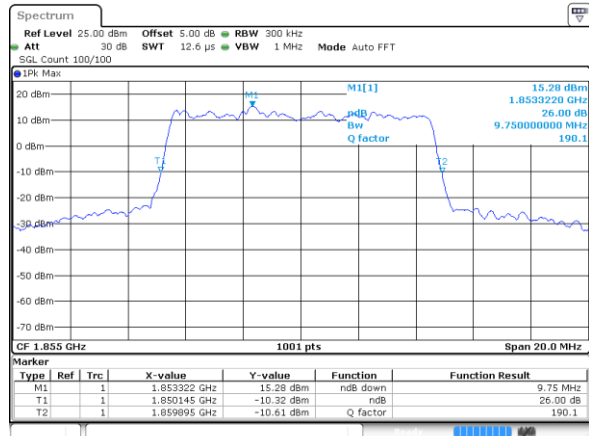


Lowest Channel / 5MHz / 64QAM



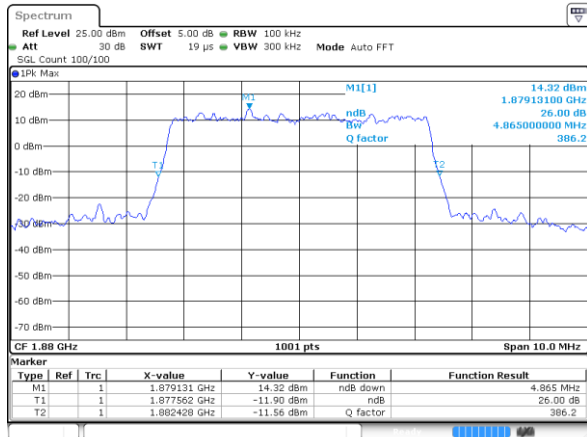
Date: 9 SEP 2018 23:07:13

Lowest Channel / 10MHz / 64QAM



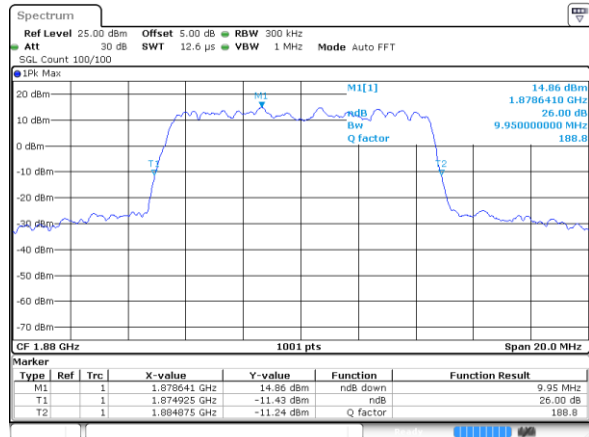
Date: 9 SEP 2018 23:07:45

Middle Channel / 5MHz / 64QAM



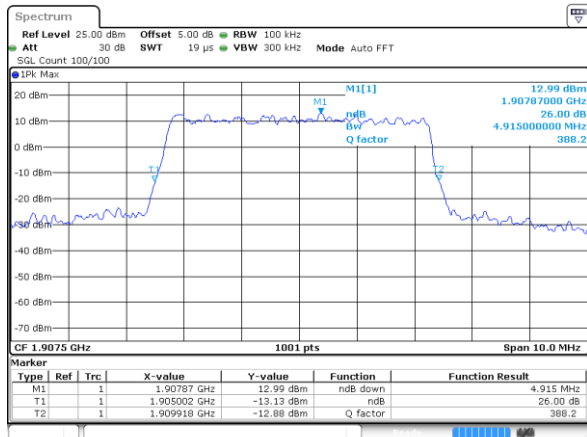
Date: 9 SEP 2018 23:07:24

Middle Channel / 10MHz / 64QAM



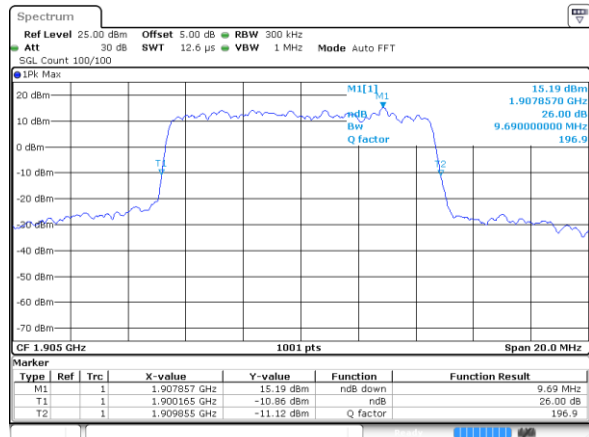
Date: 9 SEP 2018 23:07:56

Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 23:07:35

Highest Channel / 10MHz / 64QAM

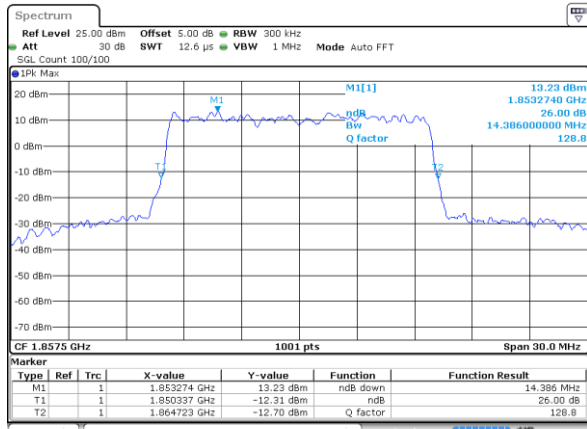


Date: 9 SEP 2018 23:08:07



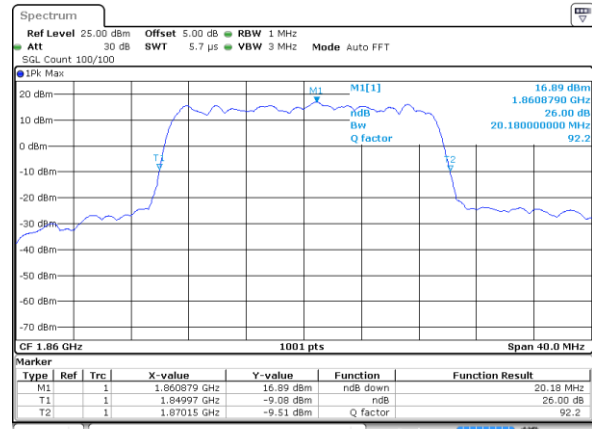
LTE Band 2

Lowest Channel / 15MHz / 64QAM



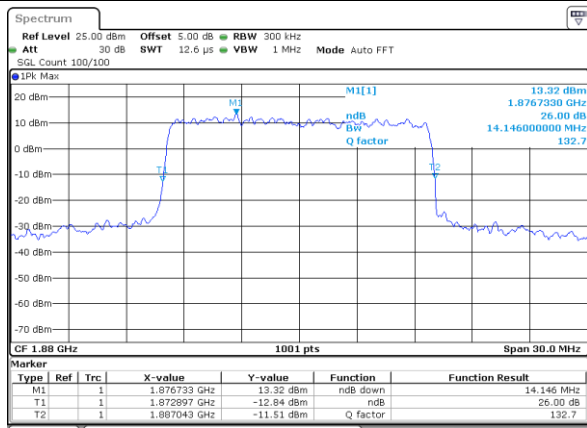
Date: 9 SEP 2018 23:08:17

Lowest Channel / 20MHz / 64QAM



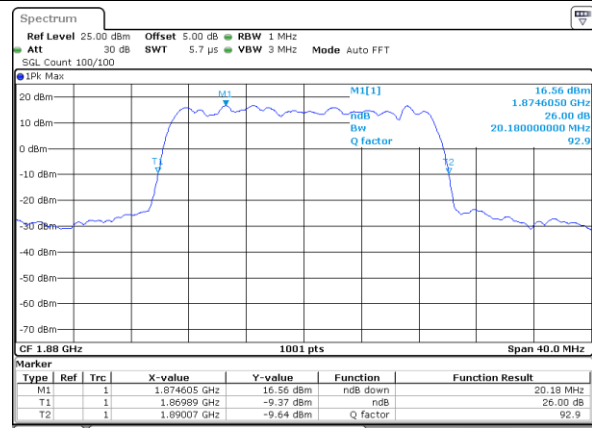
Date: 9 SEP 2018 23:08:49

Middle Channel / 15MHz / 64QAM



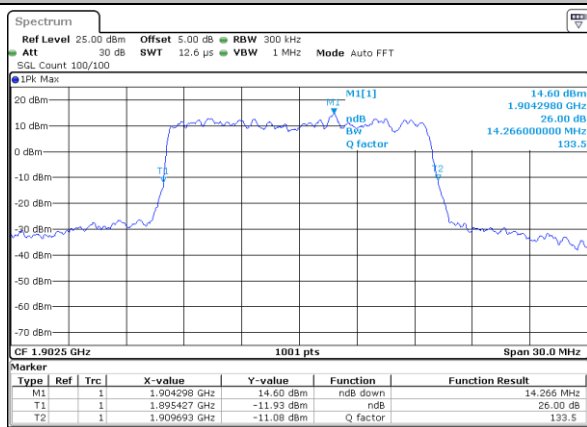
Date: 9 SEP 2018 23:08:28

Middle Channel / 20MHz / 64QAM



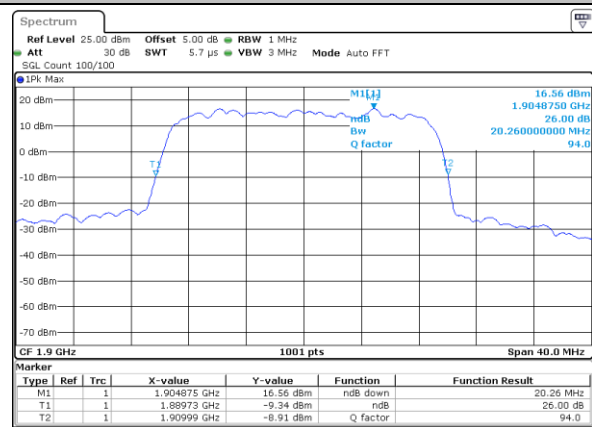
Date: 9 SEP 2018 23:09:00

Highest Channel / 15MHz / 64QAM



Date: 9 SEP 2018 23:08:38

Highest Channel / 20MHz / 64QAM

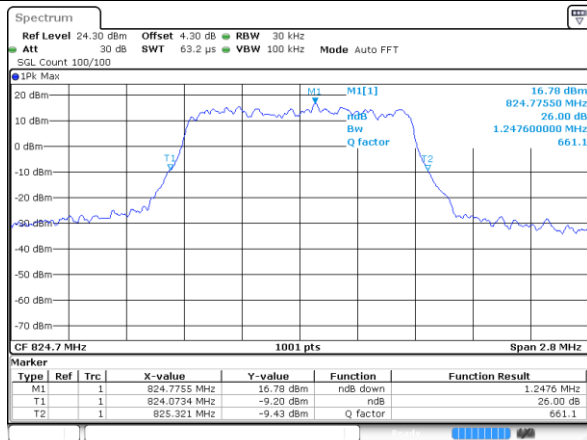


Date: 9 SEP 2018 23:09:10

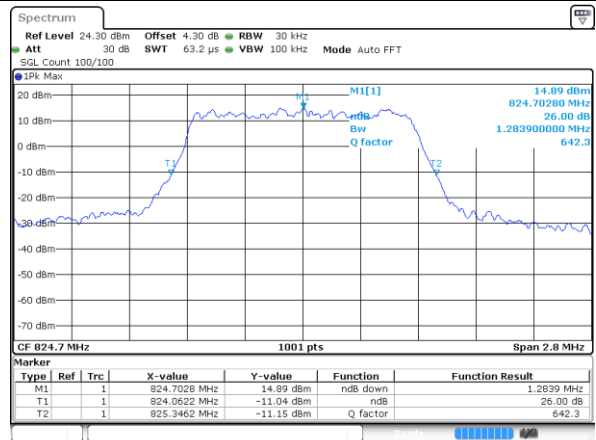


LTE Band 5

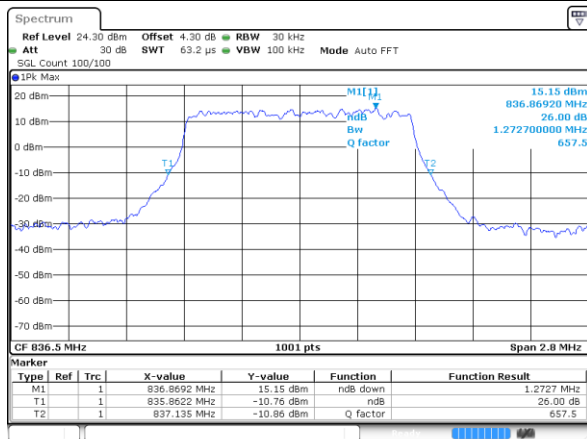
Lowest Channel / 1.4MHz / QPSK



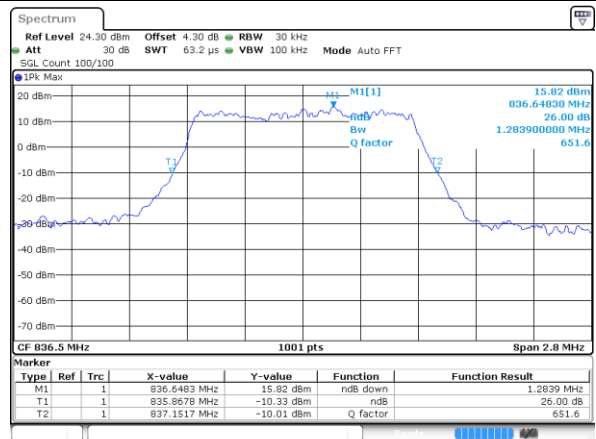
Lowest Channel / 1.4MHz / 16QAM



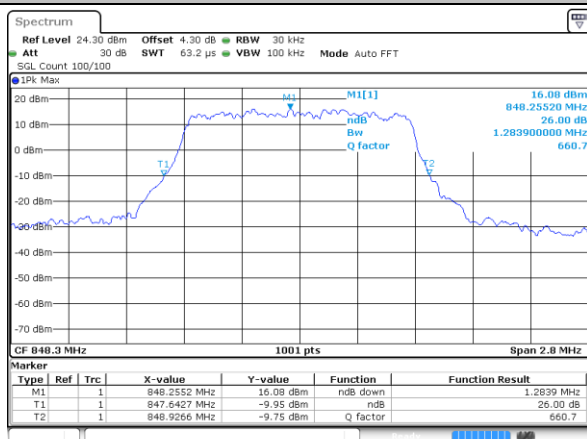
Middle Channel / 1.4MHz / QPSK



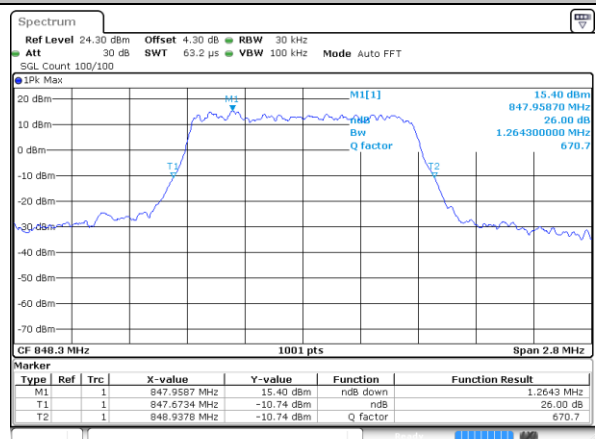
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



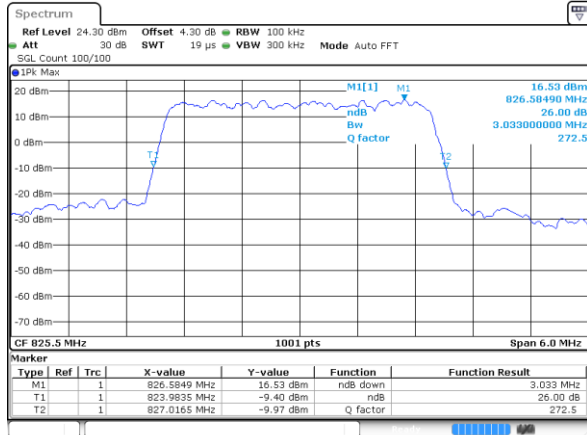
Highest Channel / 1.4MHz / 16QAM





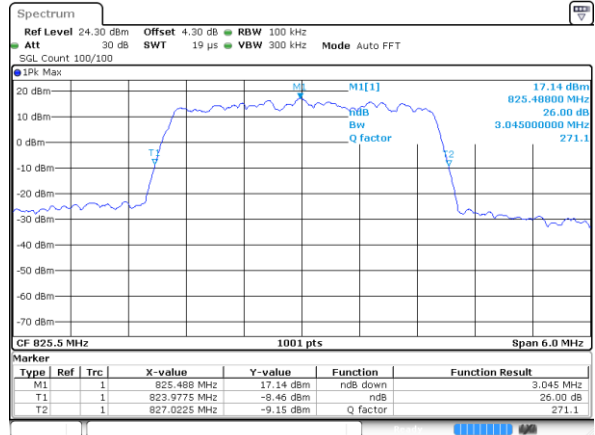
LTE Band 5

Lowest Channel / 3MHz / QPSK



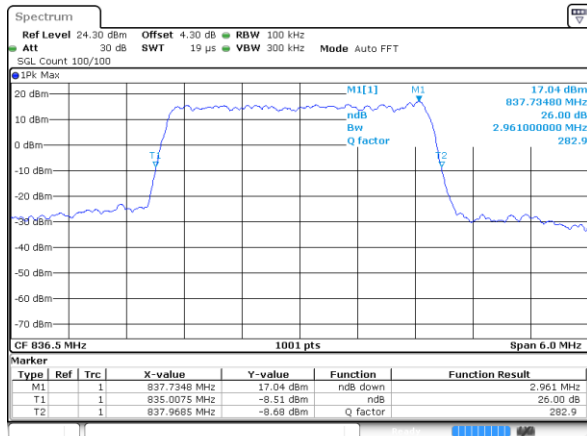
Date: 9 SEP 2018 10:48:51

Lowest Channel / 3MHz / 16QAM



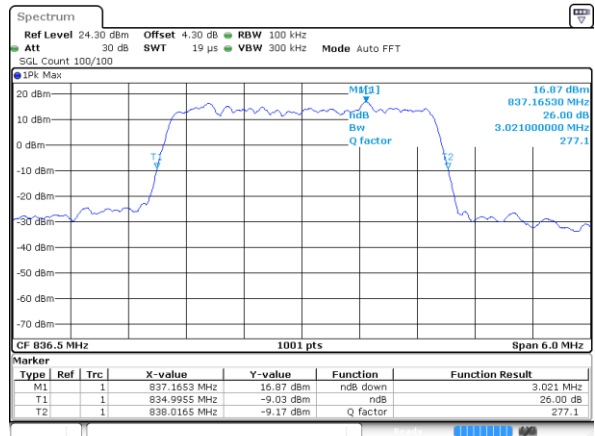
Date: 9 SEP 2018 10:49:01

Middle Channel / 3MHz / QPSK



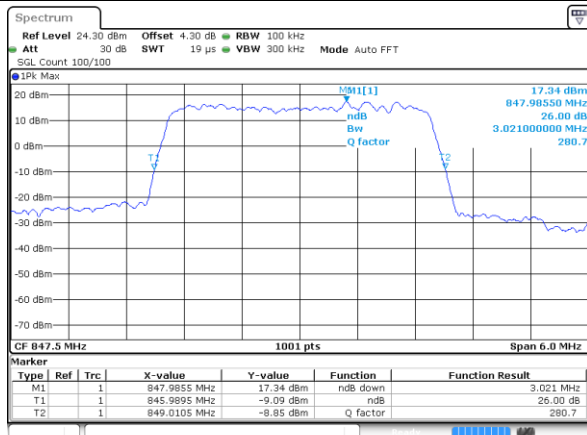
Date: 9 SEP 2018 10:57:49

Middle Channel / 3MHz / 16QAM



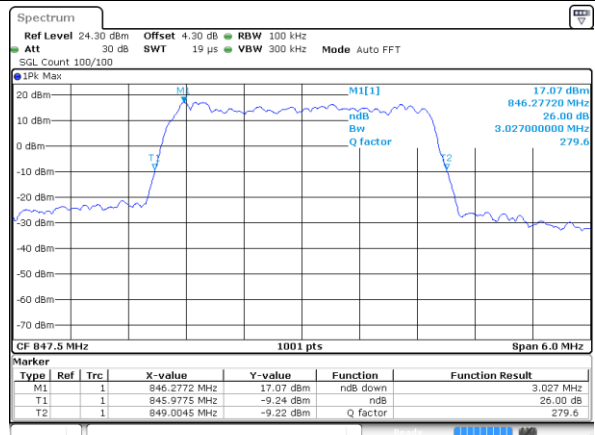
Date: 9 SEP 2018 10:57:59

Highest Channel / 3MHz / QPSK



Date: 9 SEP 2018 11:00:18

Highest Channel / 3MHz / 16QAM

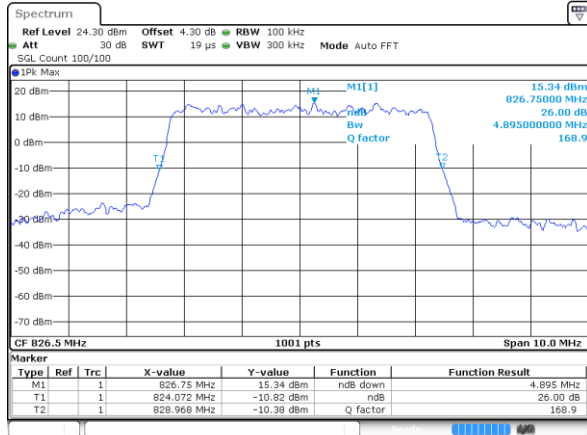


Date: 9 SEP 2018 11:00:28



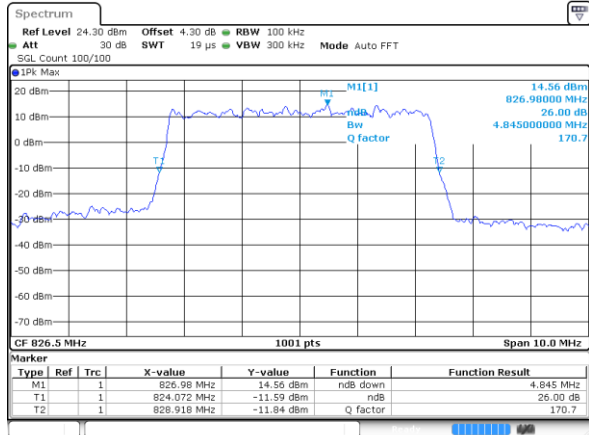
LTE Band 5

Lowest Channel / 5MHz / QPSK



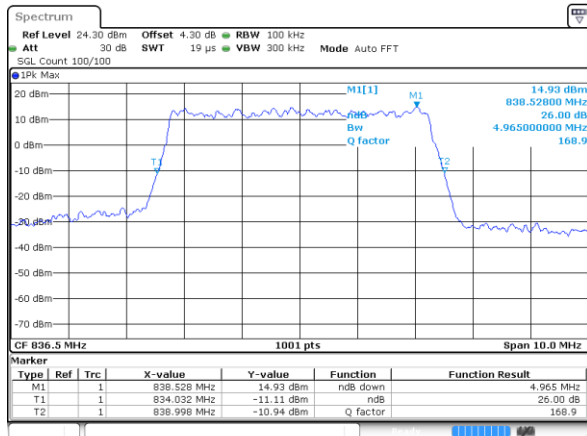
Date: 9 SEP 2018 11:09:17

Lowest Channel / 5MHz / 16QAM



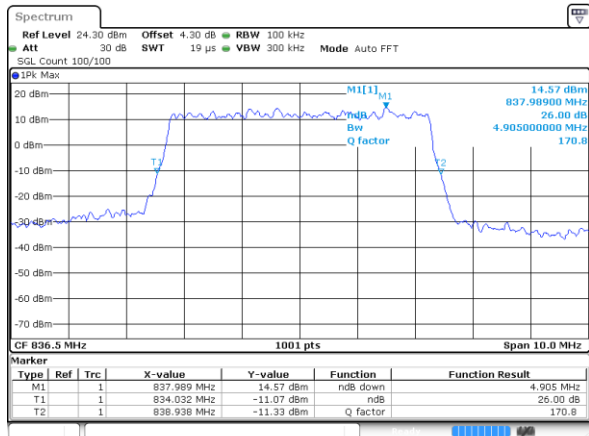
Date: 9 SEP 2018 11:09:27

Middle Channel / 5MHz / QPSK



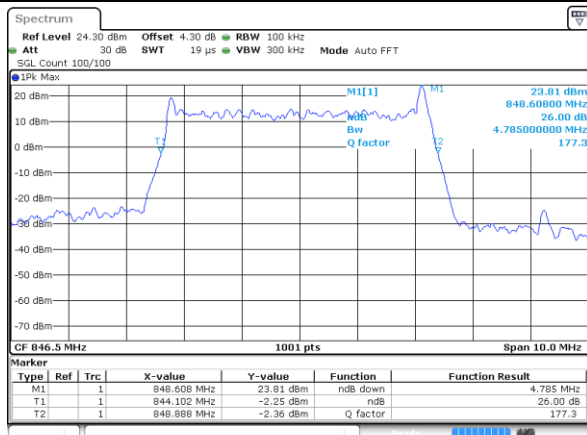
Date: 9 SEP 2018 11:18:15

Middle Channel / 5MHz / 16QAM



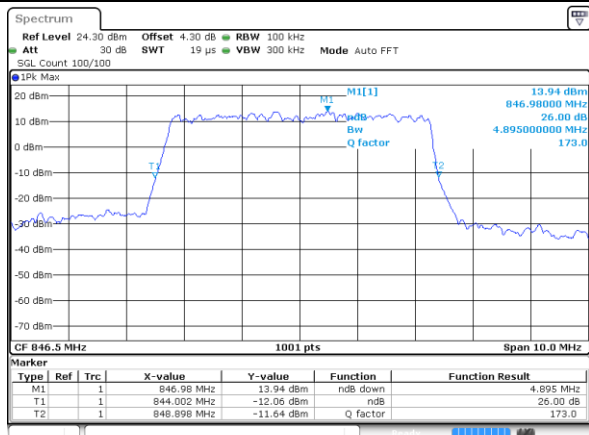
Date: 9 SEP 2018 11:18:25

Highest Channel / 5MHz / QPSK



Date: 9 SEP 2018 11:20:44

Highest Channel / 5MHz / 16QAM

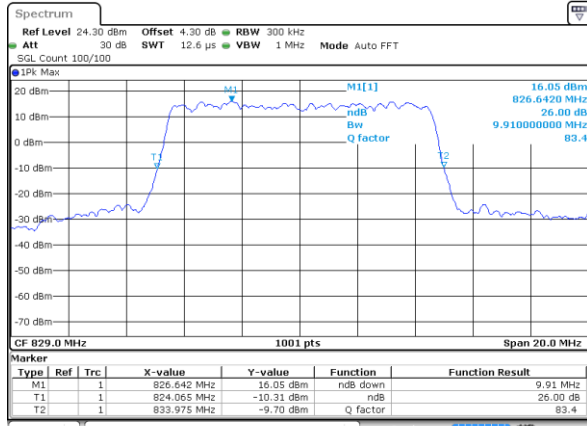


Date: 9 SEP 2018 11:20:54



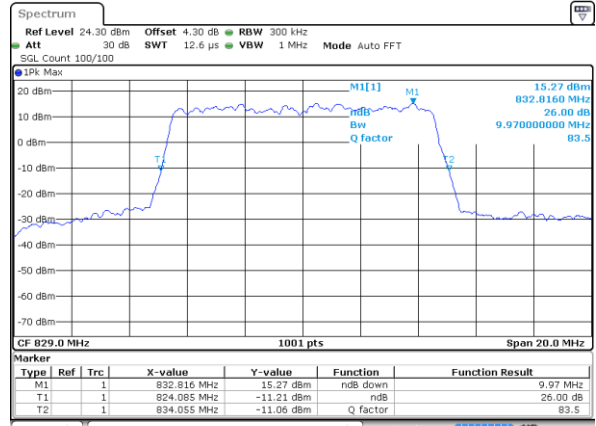
LTE Band 5

Lowest Channel / 10MHz / QPSK



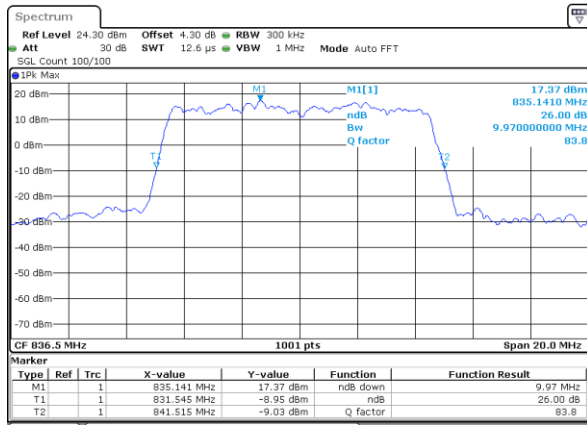
Date: 9 SEP 2018 11:32:45

Lowest Channel / 10MHz / 16QAM



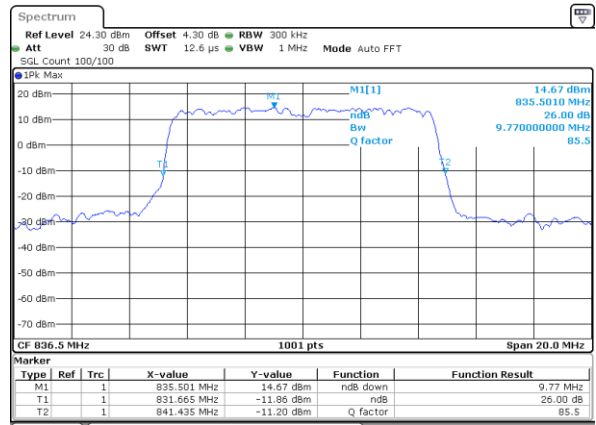
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Middle Channel / 10MHz / QPSK



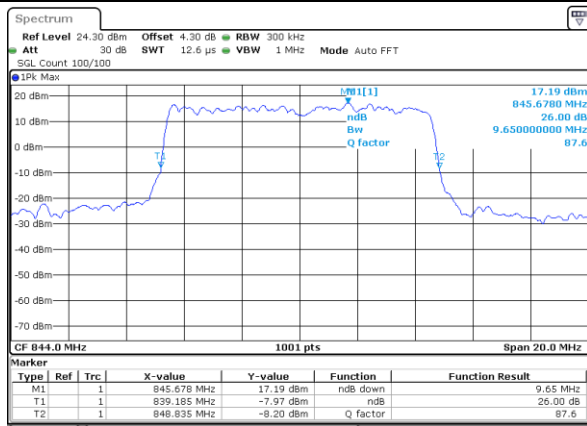
Date: 9 SEP 2018 11:41:43

Middle Channel / 10MHz / 16QAM



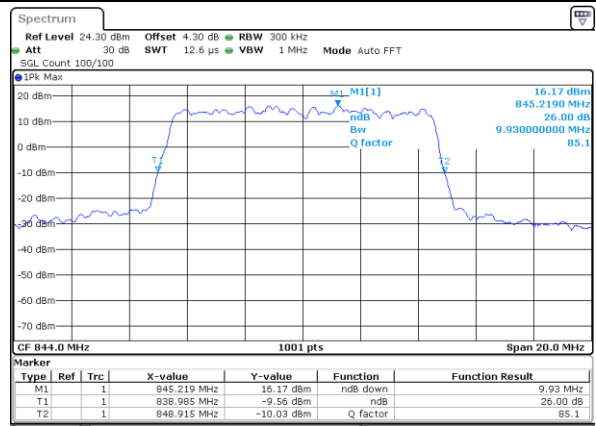
Date: 9 SEP 2018 11:41:53

Highest Channel / 10MHz / QPSK



Date: 9 SEP 2018 11:44:12

Highest Channel / 10MHz / 16QAM

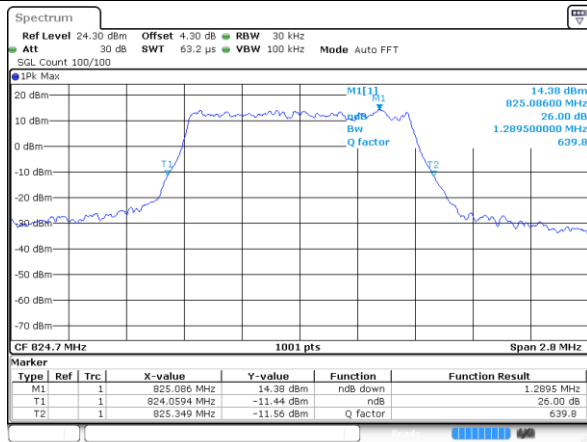


Date: 9 SEP 2018 11:44:22



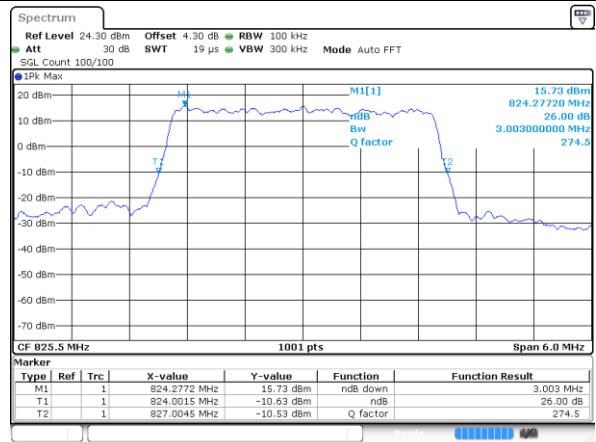
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



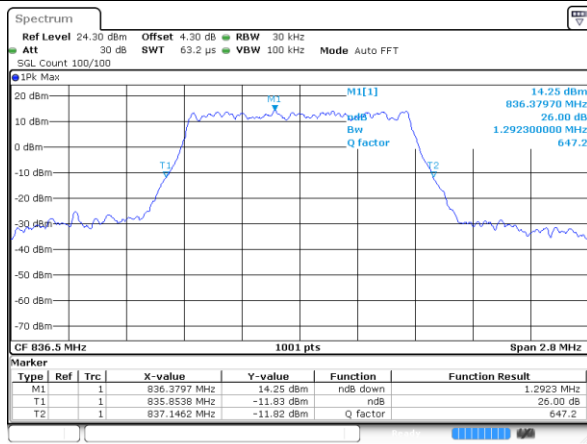
Date: 9 SEP 2018 13:02:30

Lowest Channel / 3MHz / 64QAM



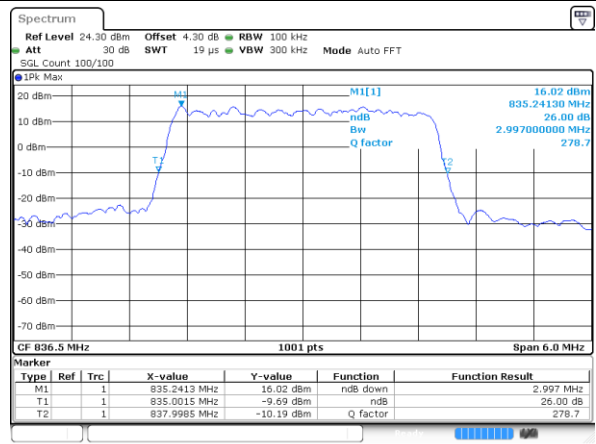
Date: 9 SEP 2018 13:12:43

Middle Channel / 1.4MHz / 64QAM



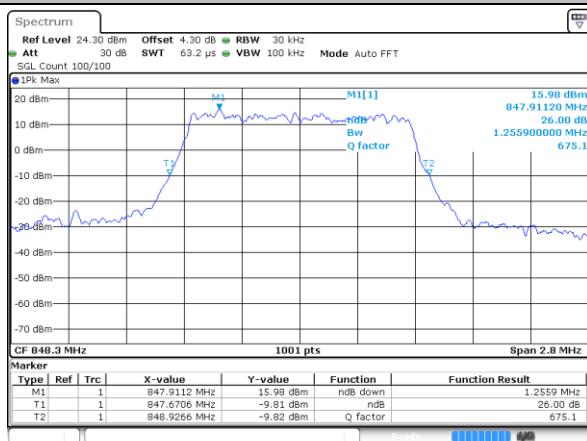
Date: 9 SEP 2018 13:07:00

Middle Channel / 3MHz / 64QAM



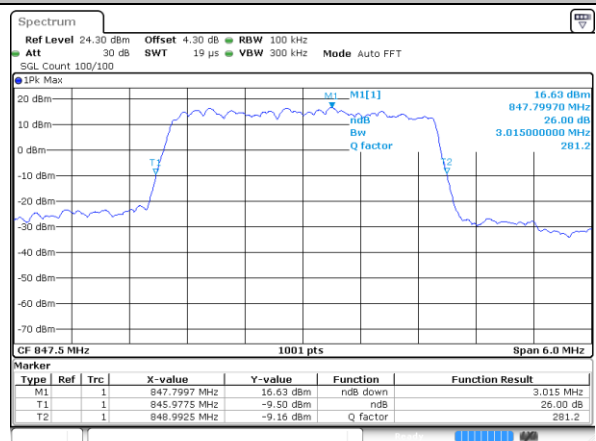
Date: 9 SEP 2018 13:17:13

Highest Channel / 1.4MHz / 64QAM



Date: 9 SEP 2018 13:08:14

Highest Channel / 3MHz / 64QAM

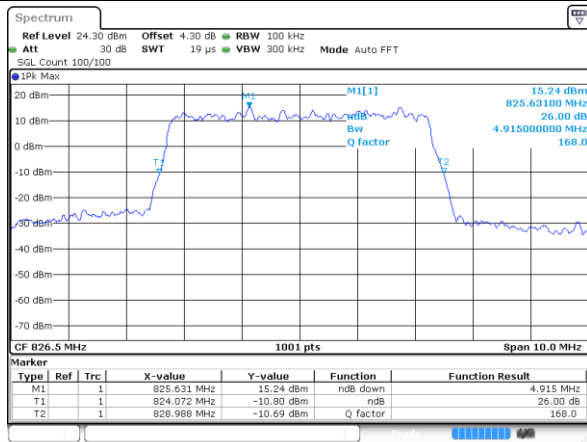


Date: 9 SEP 2018 13:18:27



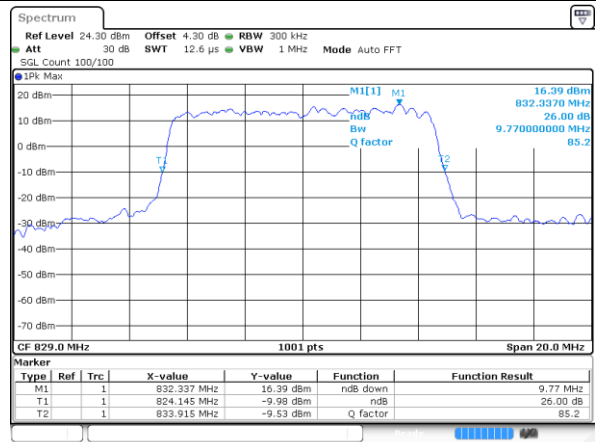
LTE Band 5

Lowest Channel / 5MHz / 64QAM



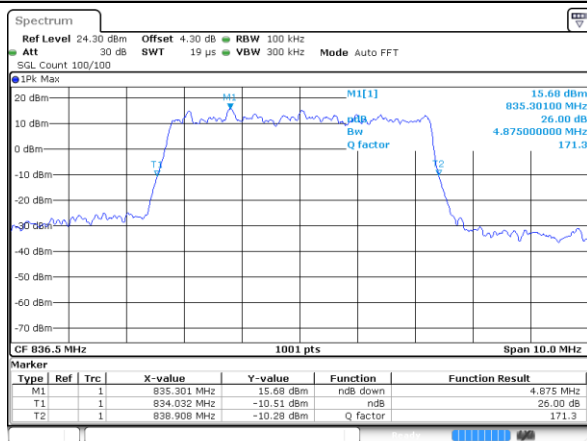
Date: 9 SEP 2018 13:22:56

Lowest Channel / 10MHz / 64QAM



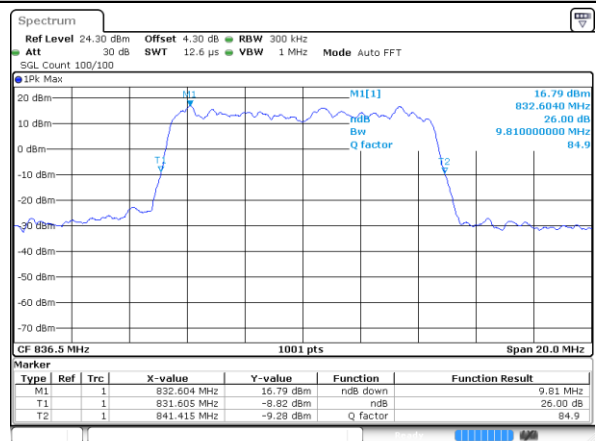
Date: 9 SEP 2018 13:33:09

Middle Channel / 5MHz / 64QAM



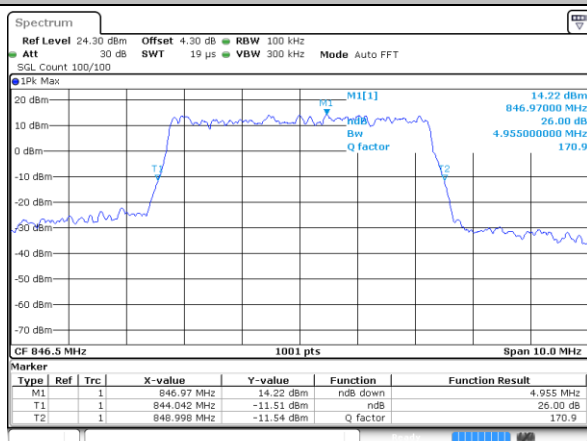
Date: 9 SEP 2018 13:27:26

Middle Channel / 10MHz / 64QAM



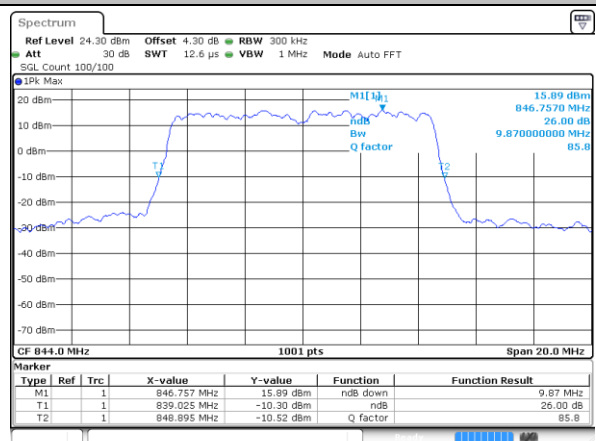
Date: 9 SEP 2018 13:37:39

Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 13:28:40

Highest Channel / 10MHz / 64QAM

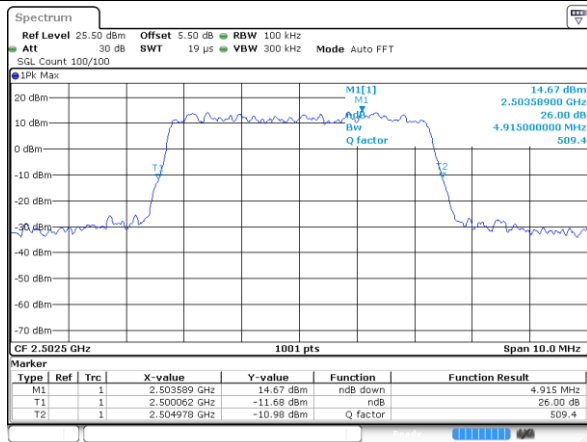


Date: 9 SEP 2018 13:38:53



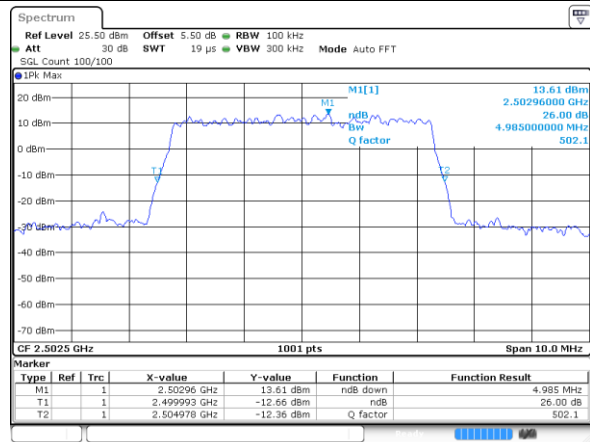
LTE Band 7

Lowest Channel / 5MHz / QPSK



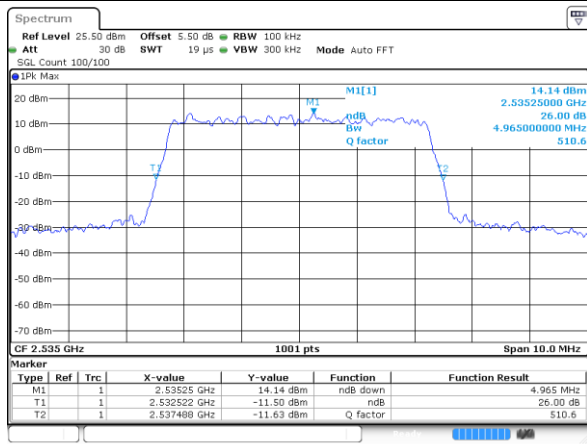
Date: 9 SEP 2018 15:01:13

Lowest Channel / 5MHz / 16QAM



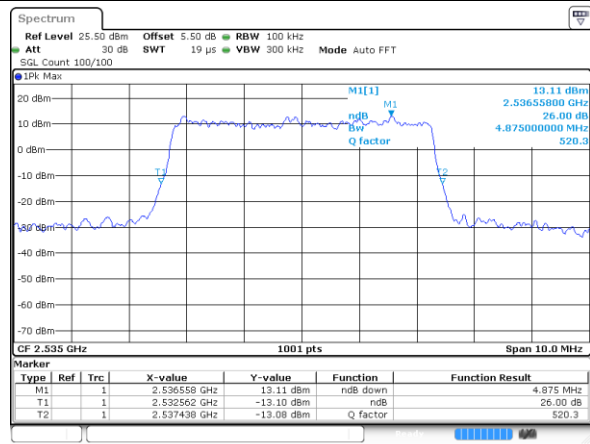
Date: 9 SEP 2018 15:01:34

Middle Channel / 5MHz / QPSK



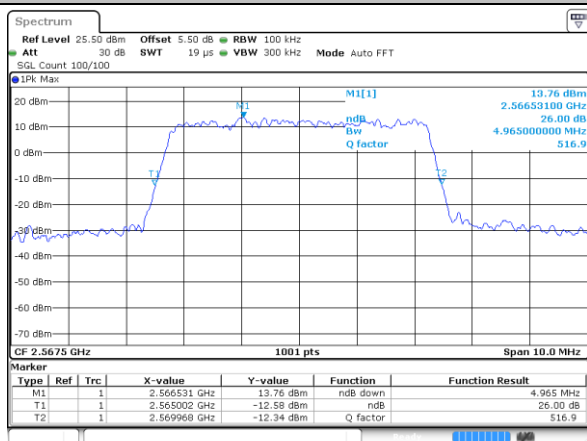
Date: 9 SEP 2018 15:10:32

Middle Channel / 5MHz / 16QAM



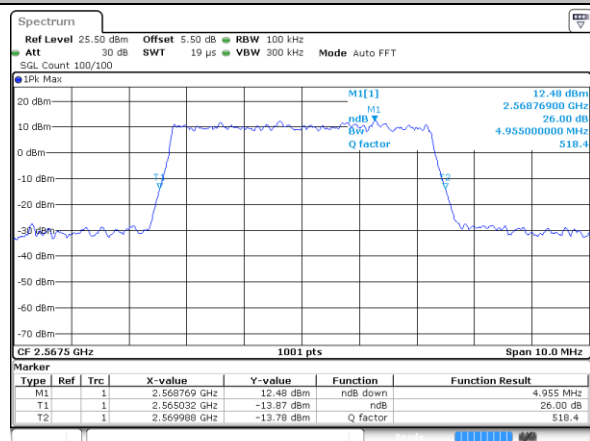
Date: 9 SEP 2018 15:10:11

Highest Channel / 5MHz / QPSK



Date: 9 SEP 2018 15:10:53

Highest Channel / 5MHz / 16QAM

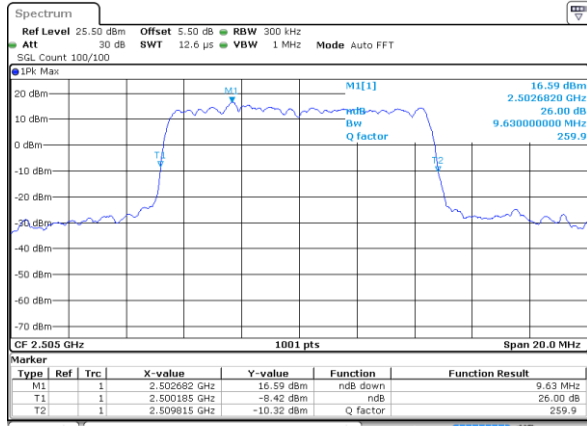


Date: 9 SEP 2018 15:11:15

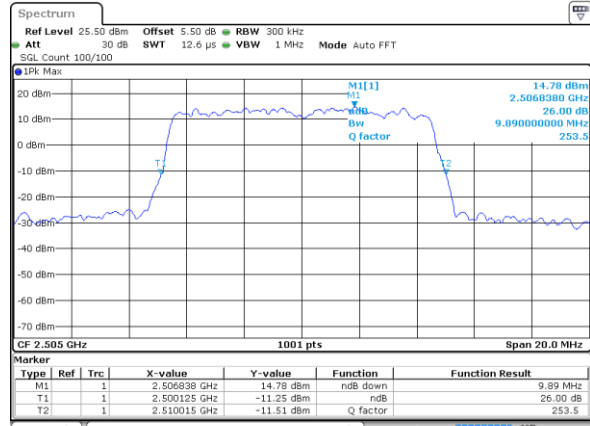


LTE Band 7

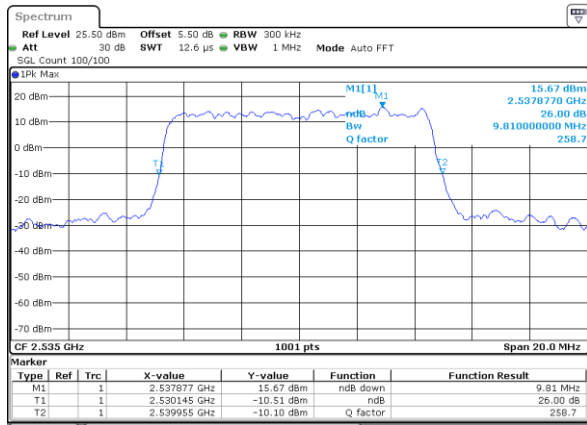
Lowest Channel / 10MHz / QPSK



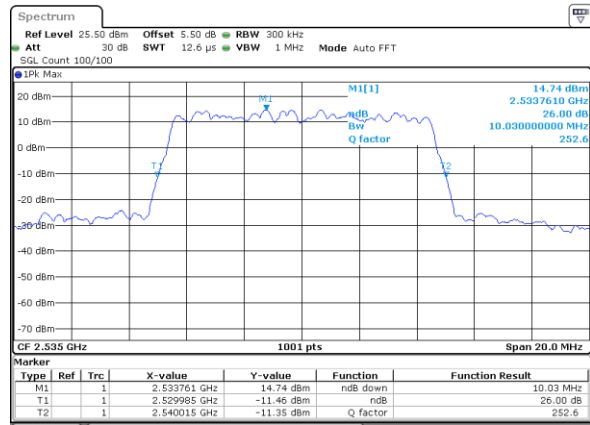
Lowest Channel / 10MHz / 16QAM



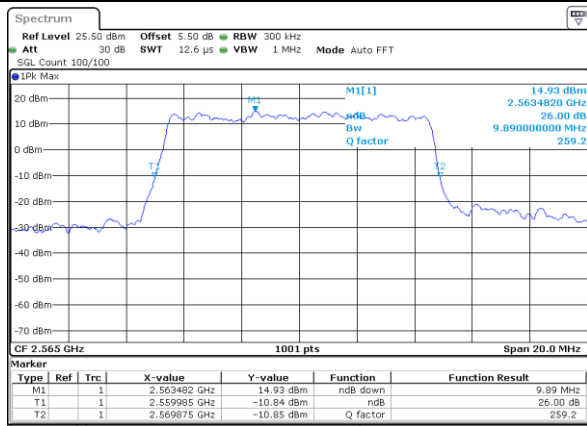
Middle Channel / 10MHz / QPSK



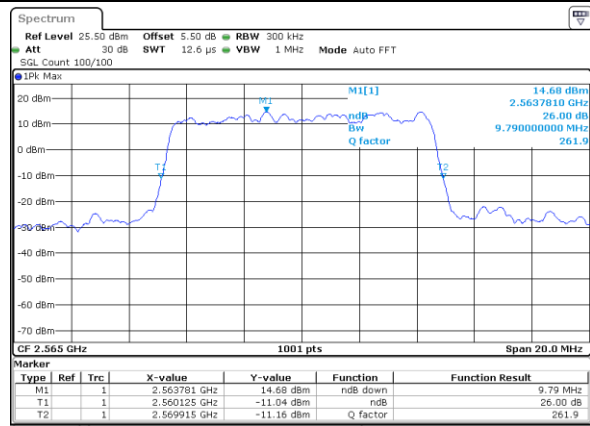
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



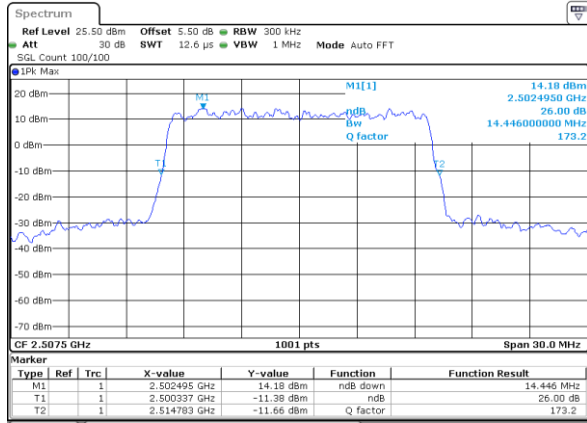
Highest Channel / 10MHz / 16QAM





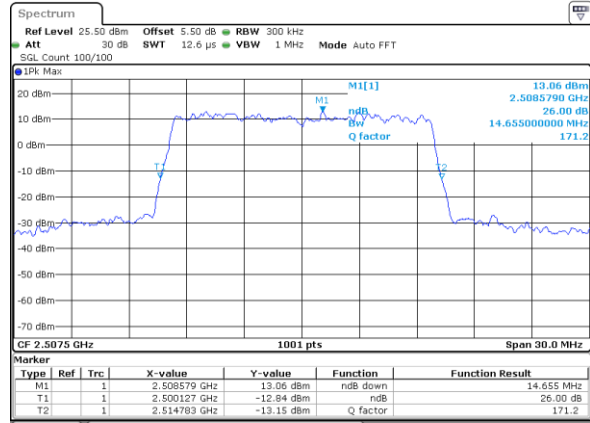
LTE Band 7

Lowest Channel / 15MHz / QPSK



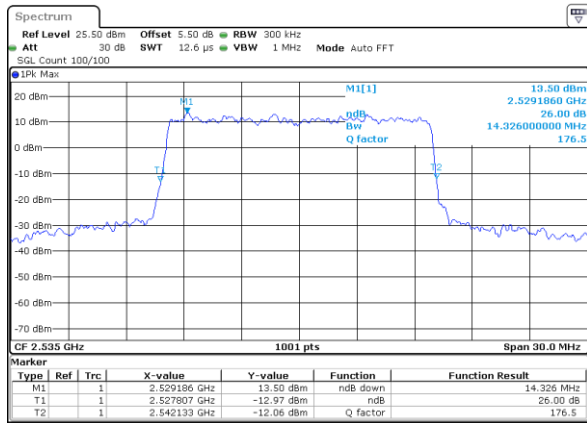
Date: 9 SEP 2018 15:34:47

Lowest Channel / 15MHz / 16QAM



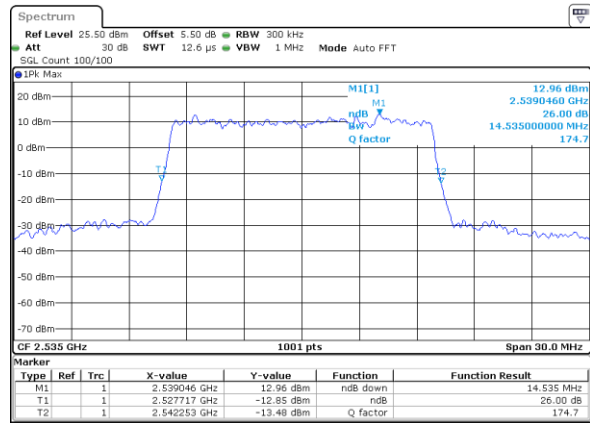
Date: 9 SEP 2018 15:35:08

Middle Channel / 15MHz / QPSK



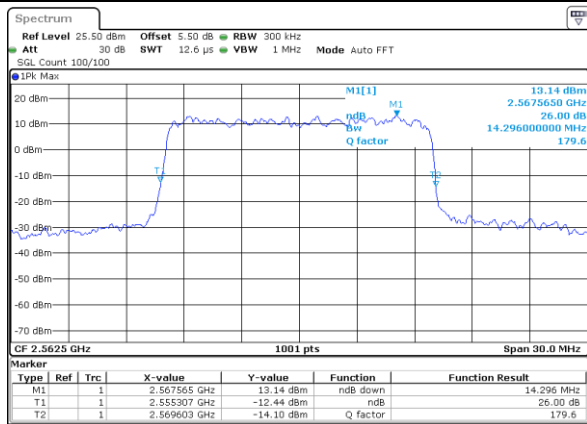
Date: 9 SEP 2018 15:44:06

Middle Channel / 15MHz / 16QAM



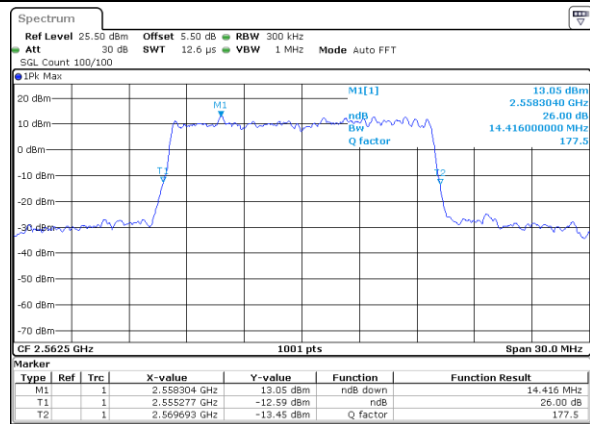
Date: 9 SEP 2018 15:43:45

Highest Channel / 15MHz / QPSK



Date: 9 SEP 2018 15:44:27

Highest Channel / 15MHz / 16QAM

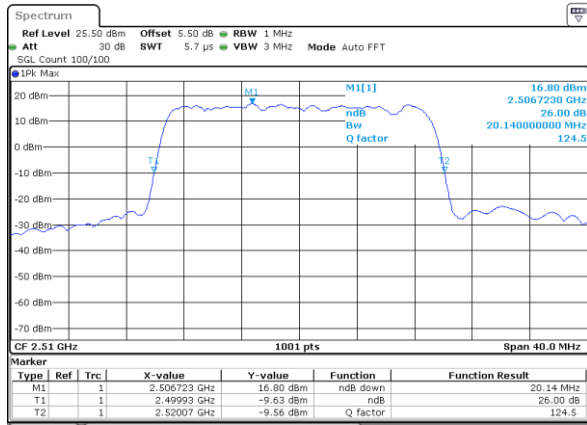


Date: 9 SEP 2018 15:44:49



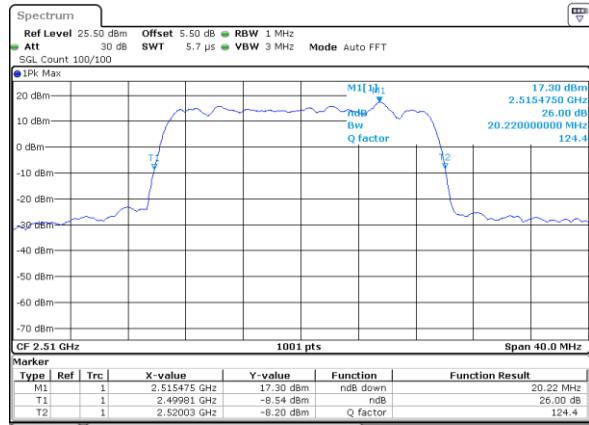
LTE Band 7

Lowest Channel / 20MHz / QPSK



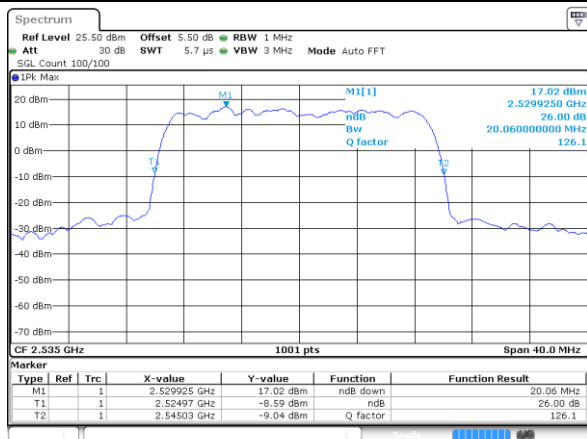
Date: 9 SEP 2018 15:51:34

Lowest Channel / 20MHz / 16QAM



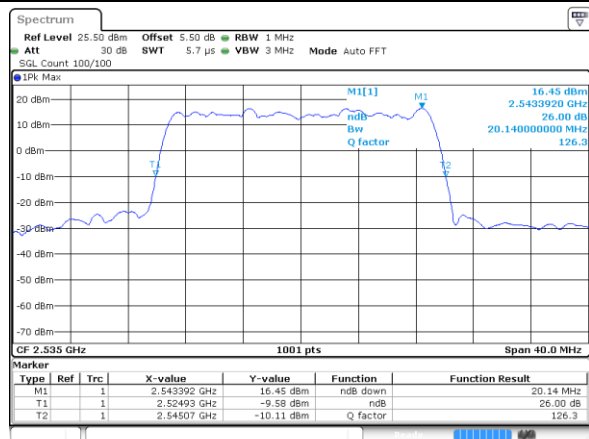
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Middle Channel / 20MHz / QPSK



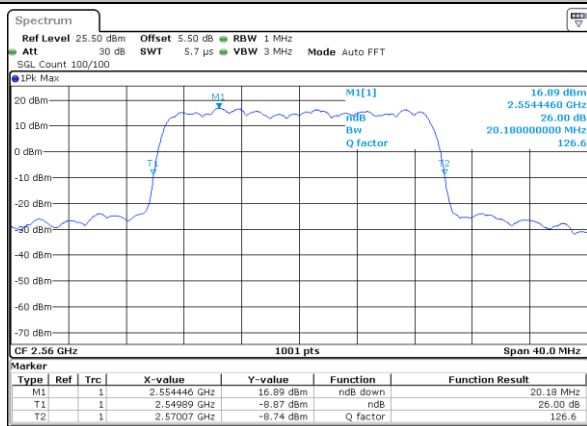
Date: 9 SEP 2018 16:00:53

Middle Channel / 20MHz / 16QAM



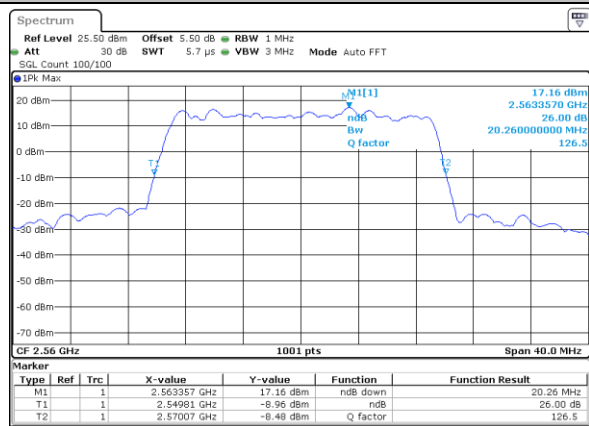
Date: 9 SEP 2018 16:00:32

Highest Channel / 20MHz / QPSK



Date: 9 SEP 2018 16:01:14

Highest Channel / 20MHz / 16QAM

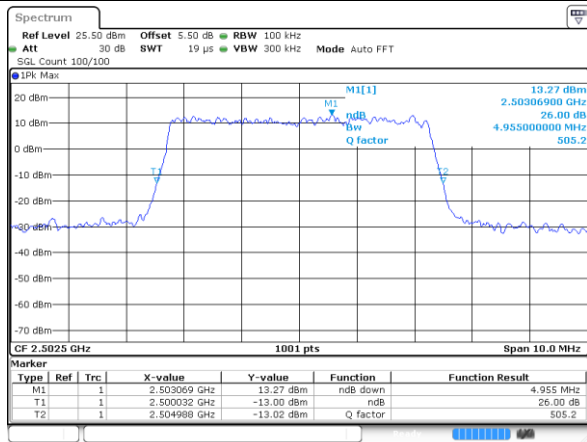


Date: 9 SEP 2018 16:01:35



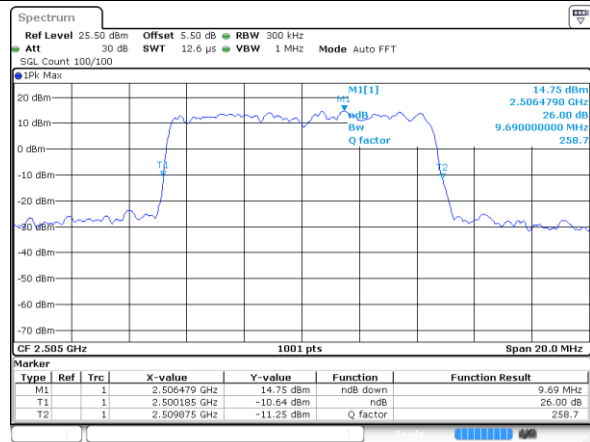
LTE Band 7

Lowest Channel / 5MHz / 64QAM



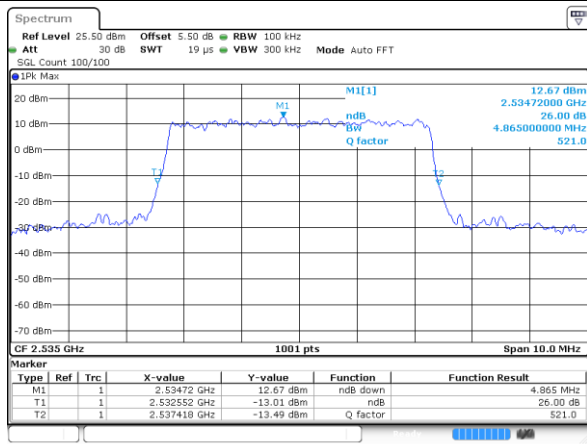
Date: 9 SEP 2018 16:35:56

Lowest Channel / 10MHz / 64QAM



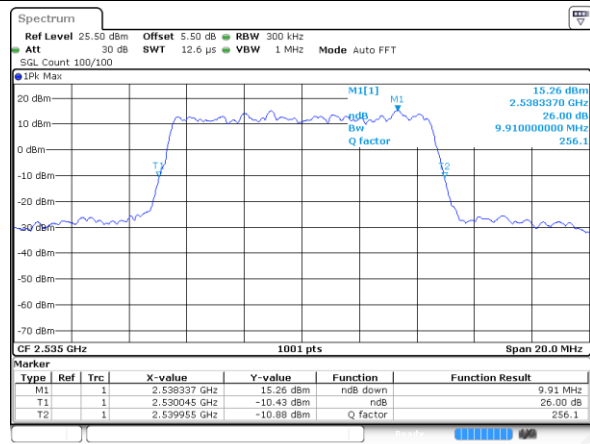
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Middle Channel / 5MHz / 64QAM



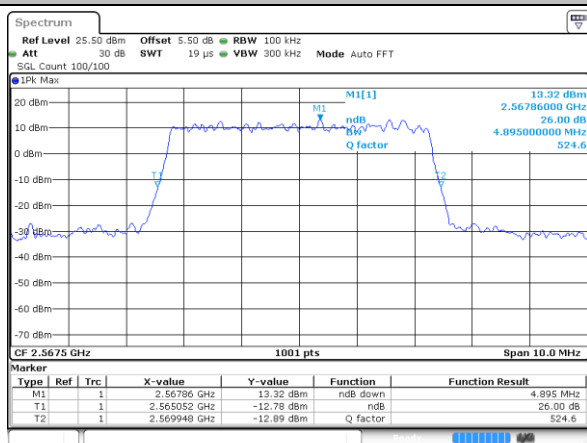
Date: 9 SEP 2018 16:36:17

Middle Channel / 10MHz / 64QAM



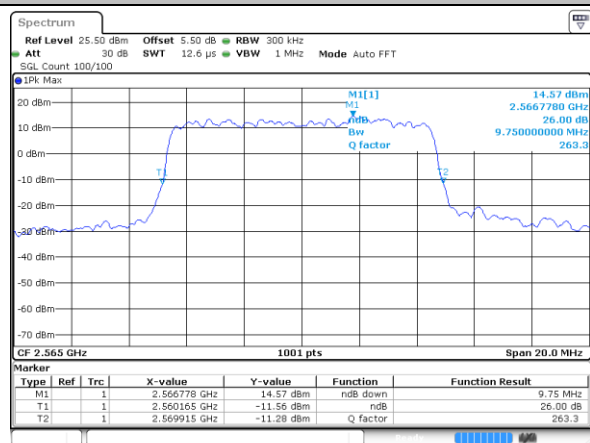
Date: 9 SEP 2018 16:37:21

Highest Channel / 5MHz / 64QAM



Date: 9 SEP 2018 16:36:38

Highest Channel / 10MHz / 64QAM

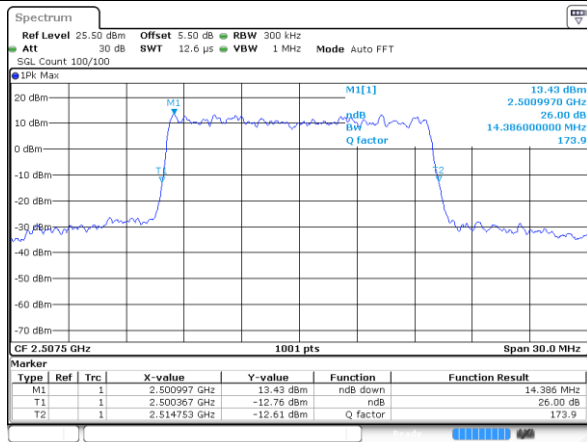


Date: 9 SEP 2018 16:37:43



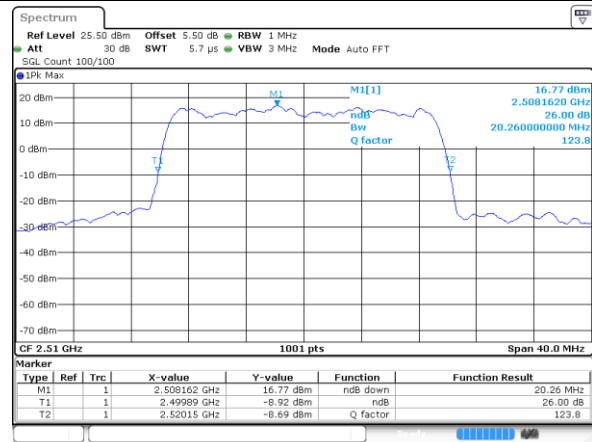
LTE Band 7

Lowest Channel / 15MHz / 64QAM



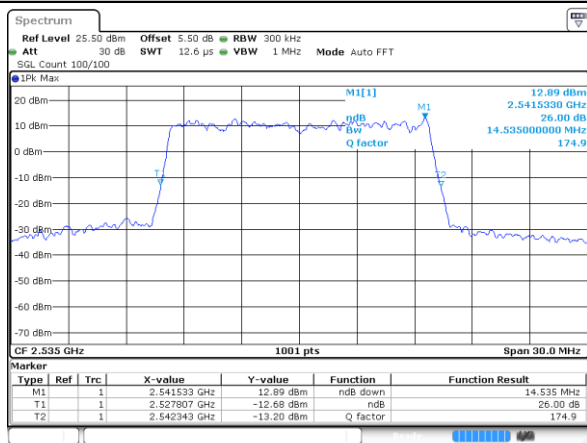
Date: 9 SEP 2018 16:38:04

Lowest Channel / 20MHz / 64QAM



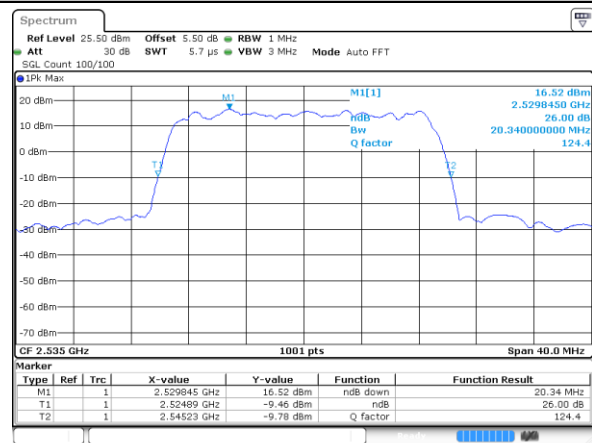
Date: 9 SEP 2018 16:39:08

Middle Channel / 15MHz / 64QAM



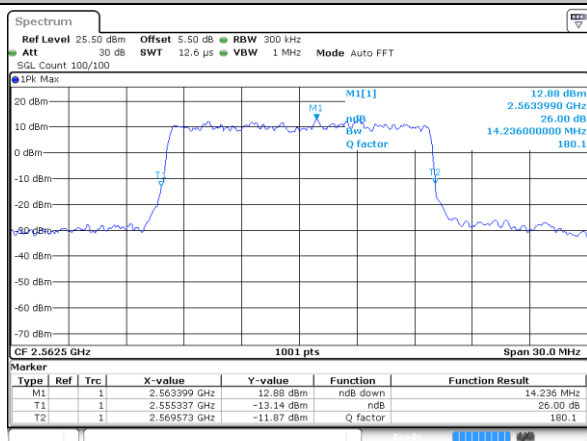
Date: 9 SEP 2018 16:38:26

Middle Channel / 20MHz / 64QAM



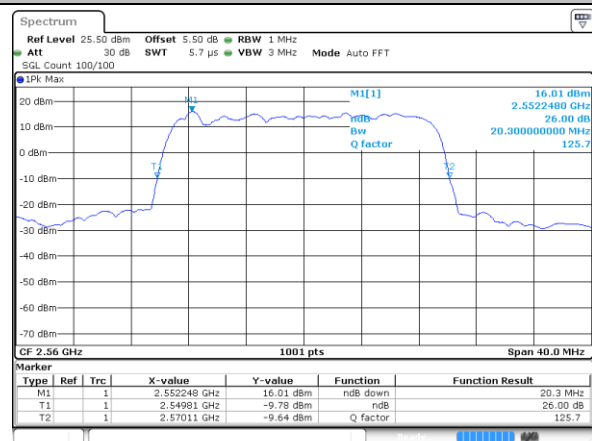
Date: 9 SEP 2018 16:39:30

Highest Channel / 15MHz / 64QAM



Date: 9 SEP 2018 16:38:47

Highest Channel / 20MHz / 64QAM

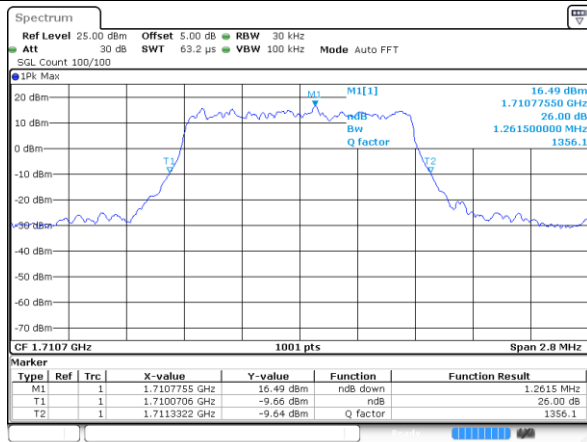


Date: 9 SEP 2018 16:39:51

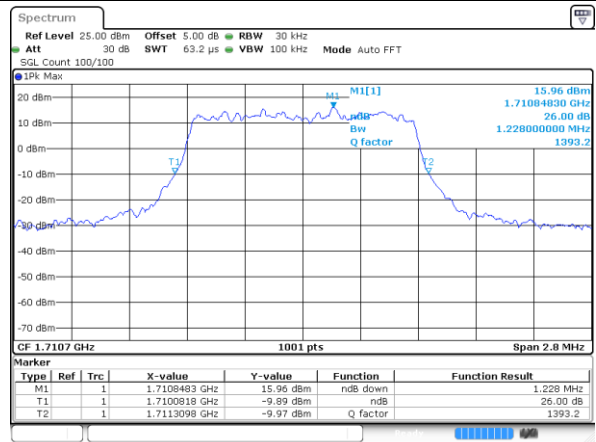


LTE Band 66

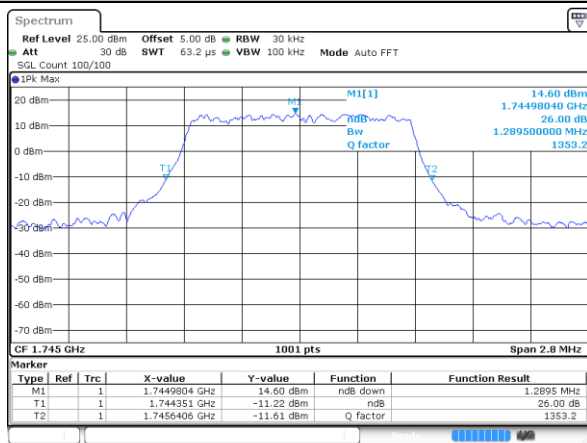
Lowest Channel / 1.4MHz / QPSK



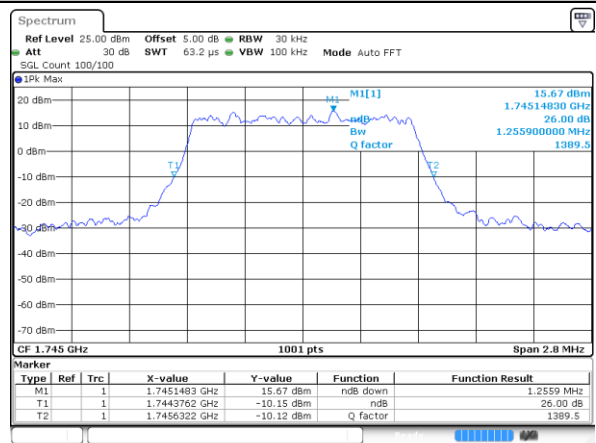
Lowest Channel / 1.4MHz / 16QAM



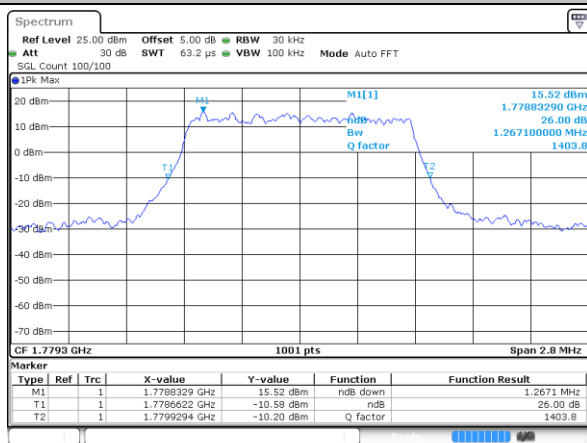
Middle Channel / 1.4MHz / QPSK



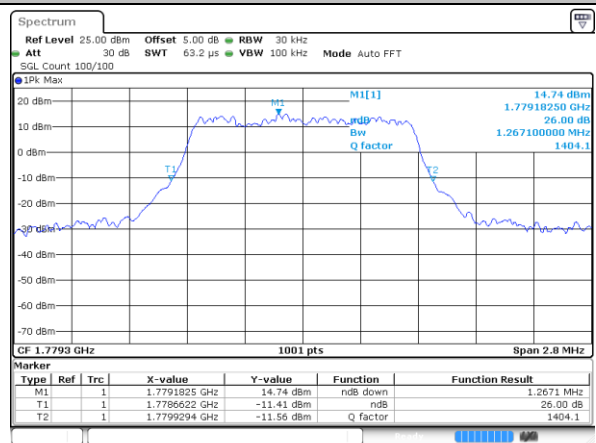
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



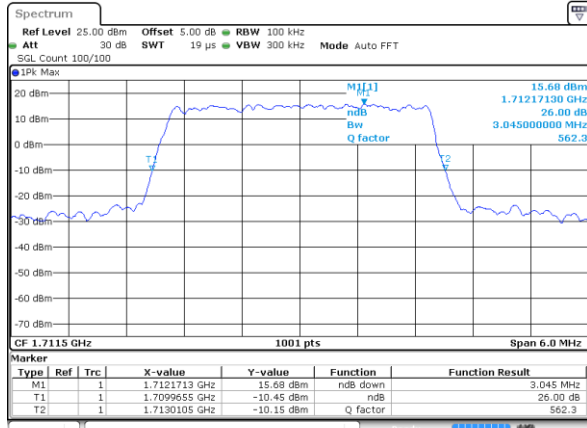
Highest Channel / 1.4MHz / 16QAM





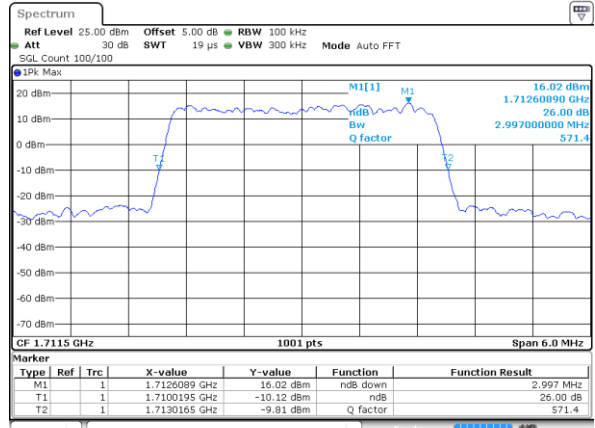
LTE Band 66

Lowest Channel / 3MHz / QPSK



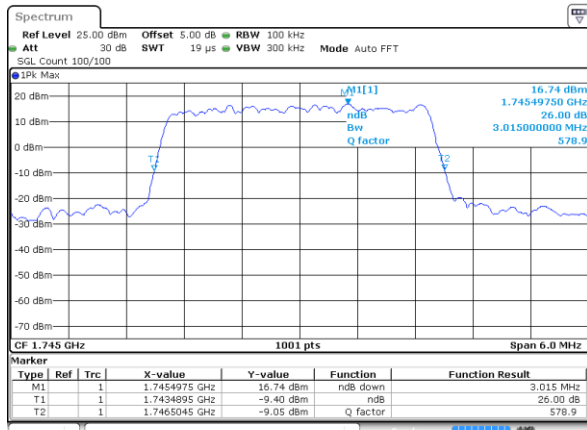
Date: 10 SEP 2018 10:13:11

Lowest Channel / 3MHz / 16QAM



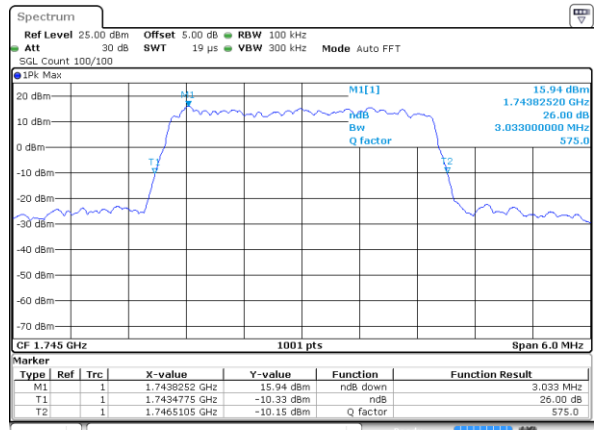
Date: 10 SEP 2018 10:24:56

Middle Channel / 3MHz / QPSK



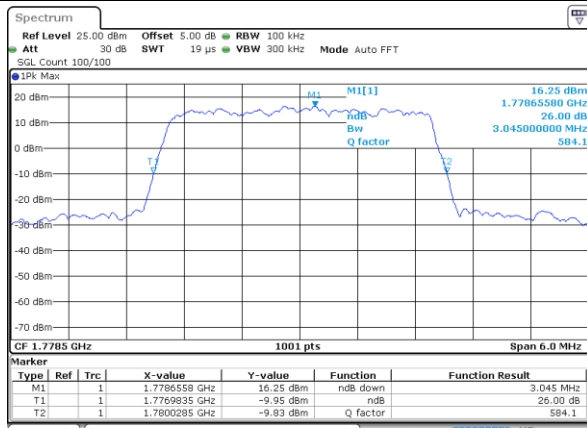
Date: 10 SEP 2018 10:32:48

Middle Channel / 3MHz / 16QAM



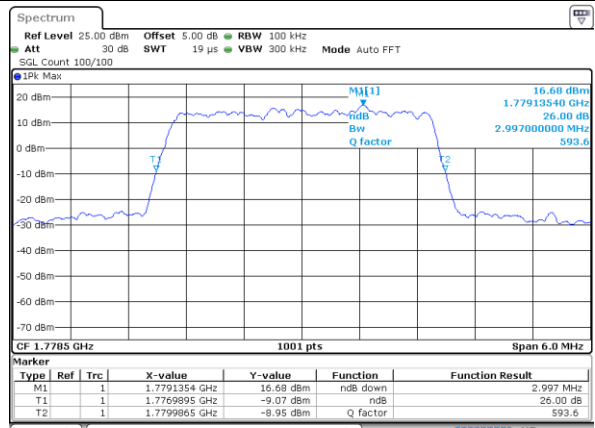
Date: 10 SEP 2018 10:32:28

Highest Channel / 3MHz / QPSK



Date: 10 SEP 2018 10:37:06

Highest Channel / 3MHz / 16QAM

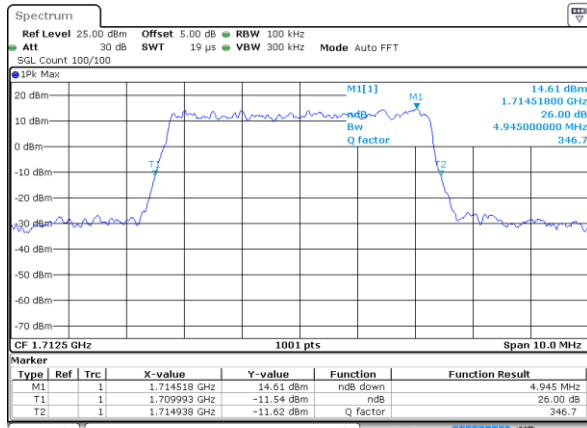


Date: 10 SEP 2018 10:36:43



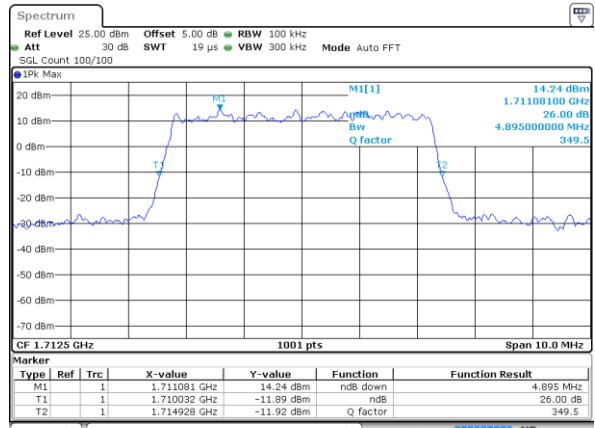
LTE Band 66

Lowest Channel / 5MHz / QPSK



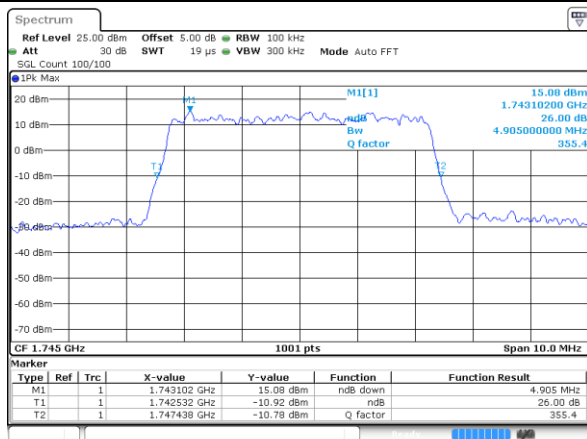
Date: 10 SEP 2018 10:45:59

Lowest Channel / 5MHz / 16QAM



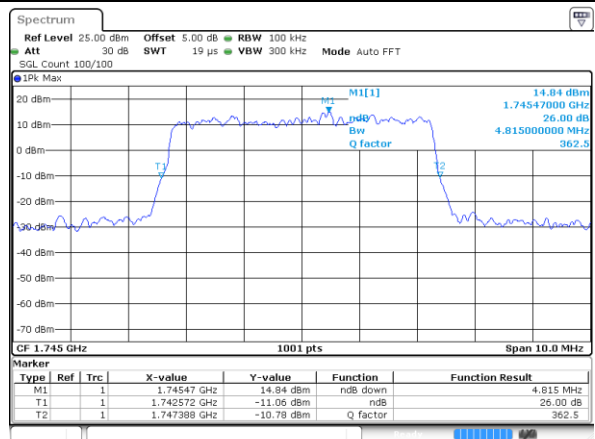
Date: 10 SEP 2018 10:46:26

Middle Channel / 5MHz / QPSK



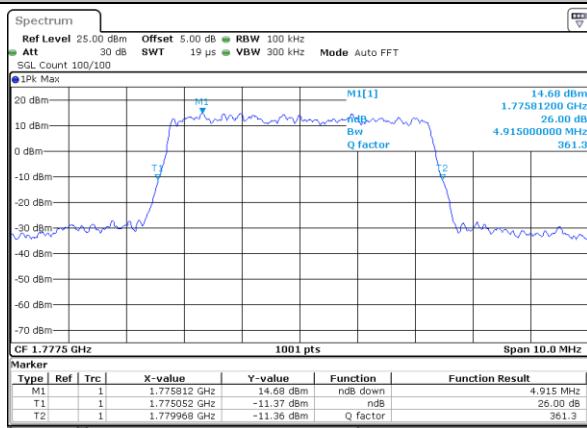
Date: 10 SEP 2018 10:52:18

Middle Channel / 5MHz / 16QAM



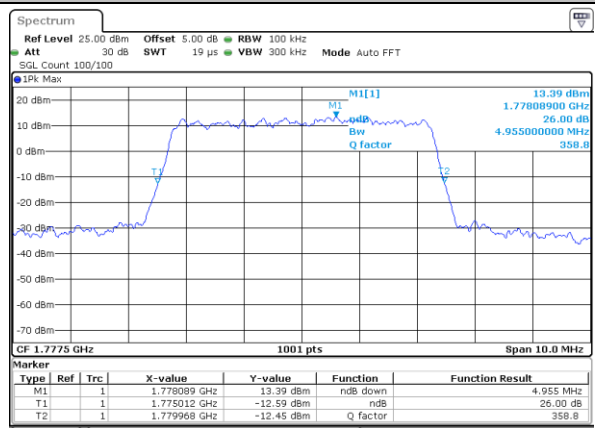
Date: 10 SEP 2018 10:52:43

Highest Channel / 5MHz / QPSK



Date: 10 SEP 2018 10:59:44

Highest Channel / 5MHz / 16QAM

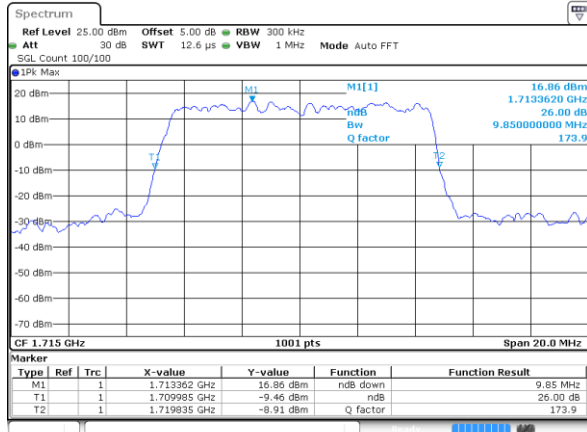


Date: 10 SEP 2018 10:59:22



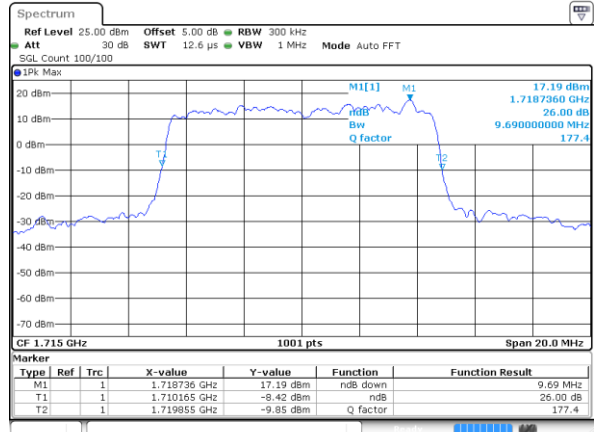
LTE Band 66

Lowest Channel / 10MHz / QPSK



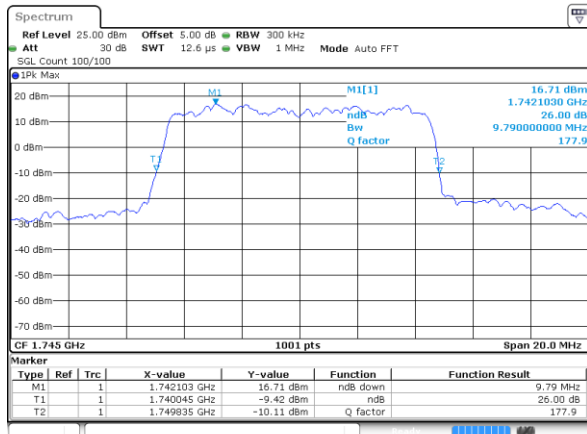
Date: 10 SEP 2018 11:04:48

Lowest Channel / 10MHz / 16QAM



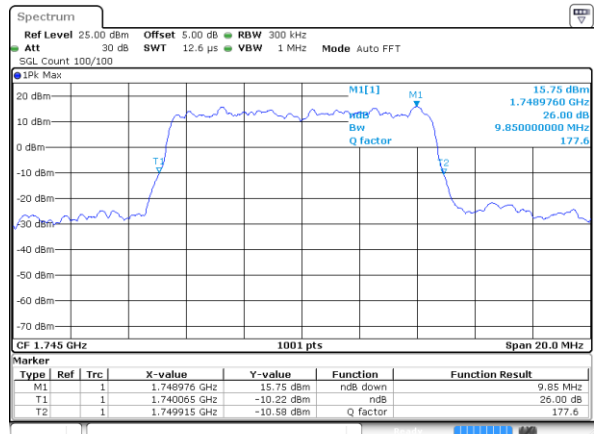
Date: 10 SEP 2018 11:05:10

Middle Channel / 10MHz / QPSK



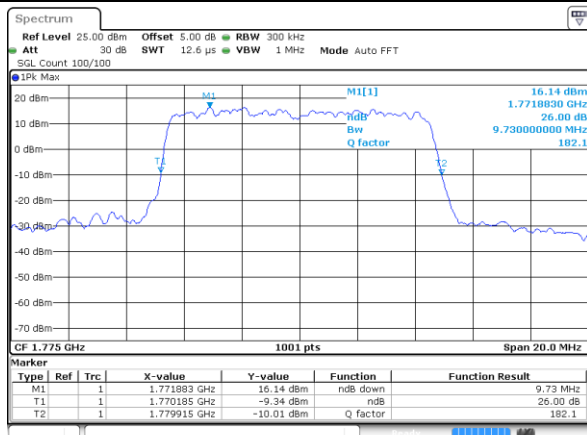
Date: 10 SEP 2018 11:12:49

Middle Channel / 10MHz / 16QAM



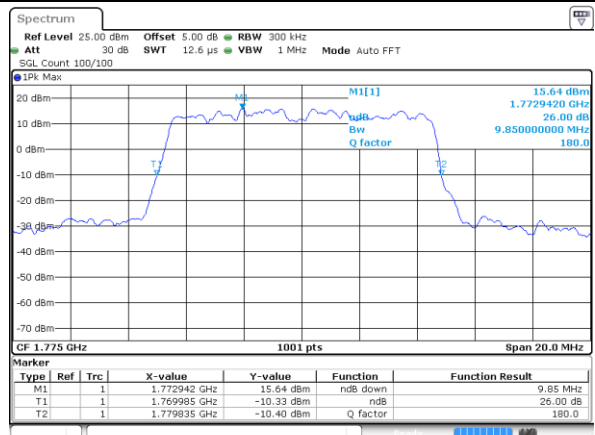
Date: 10 SEP 2018 11:12:36

Highest Channel / 10MHz / QPSK



Date: 10 SEP 2018 11:13:55

Highest Channel / 10MHz / 16QAM

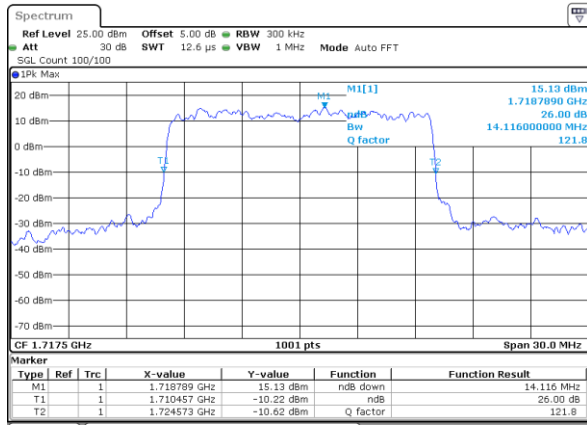


Date: 10 SEP 2018 11:14:21



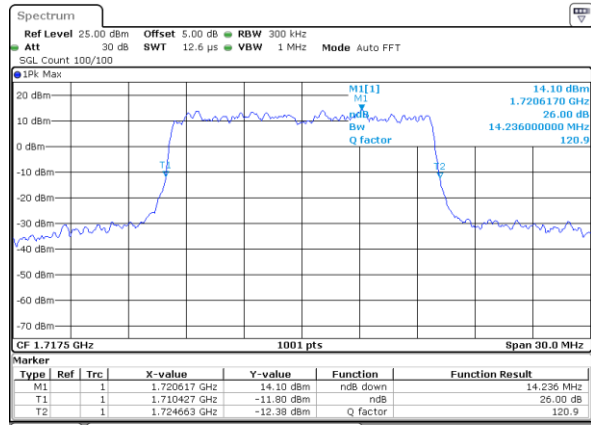
LTE Band 66

Lowest Channel / 15MHz / QPSK



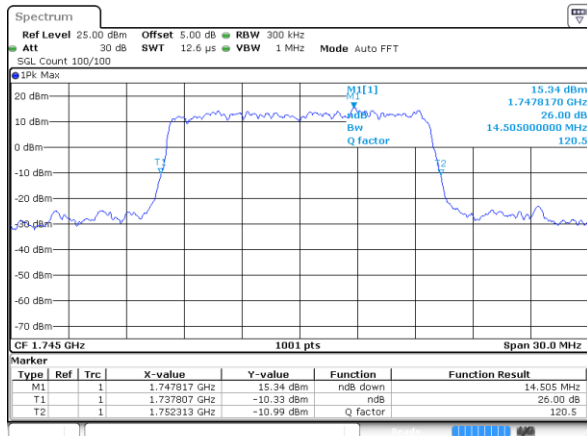
Date: 10 SEP 2018 11:20:47

Lowest Channel / 15MHz / 16QAM



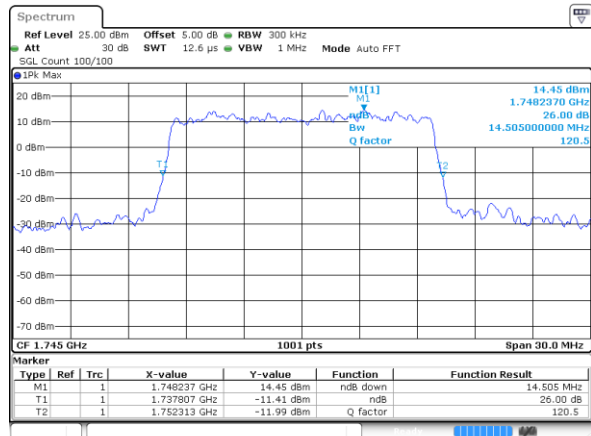
Date: 10 SEP 2018 11:21:12

Middle Channel / 15MHz / QPSK



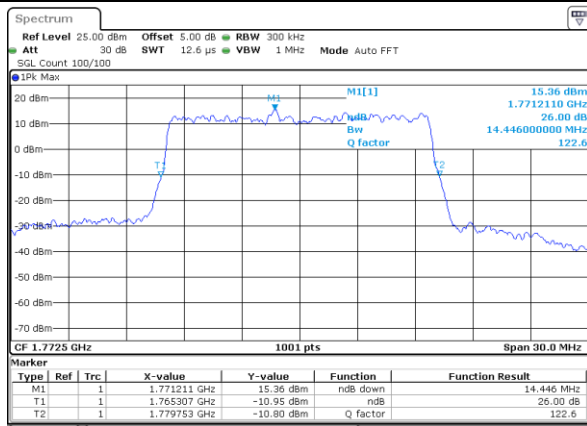
Date: 10 SEP 2018 11:43:41

Middle Channel / 15MHz / 16QAM



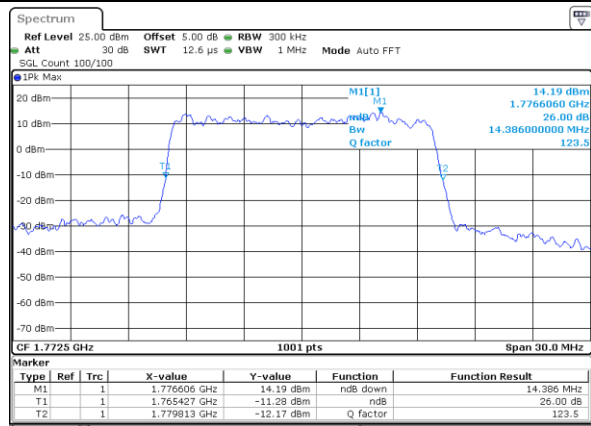
Date: 10 SEP 2018 11:43:19

Highest Channel / 15MHz / QPSK



Date: 10 SEP 2018 11:44:39

Highest Channel / 15MHz / 16QAM

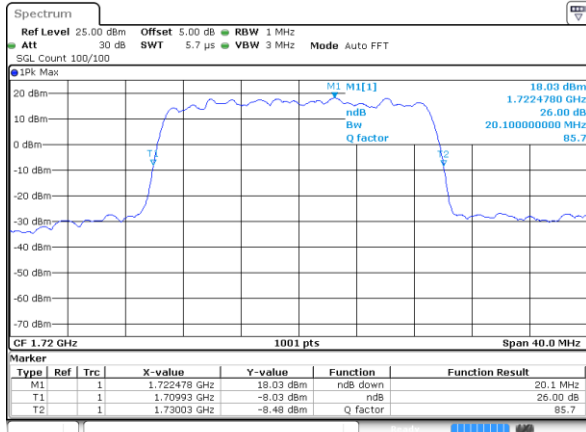


Date: 10 SEP 2018 11:45:20

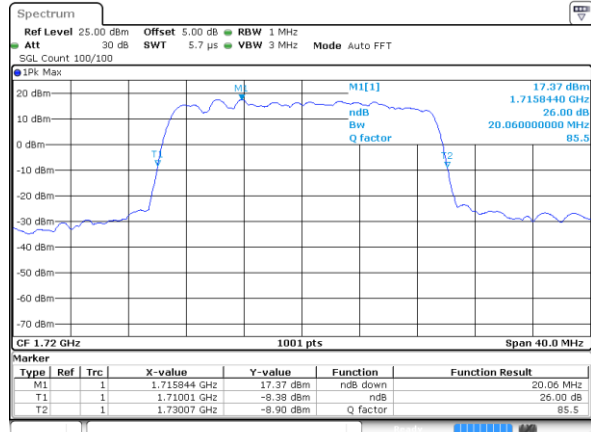


LTE Band 66

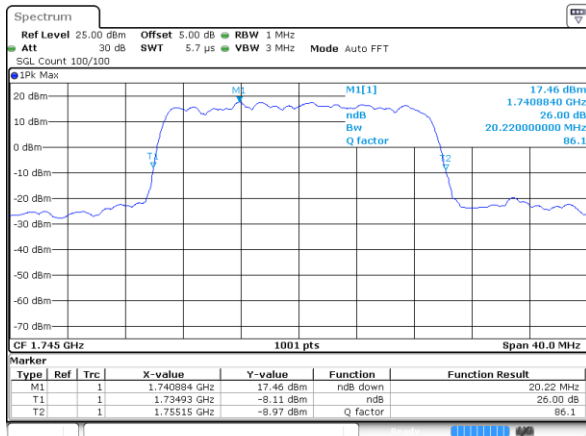
Lowest Channel / 20MHz / QPSK



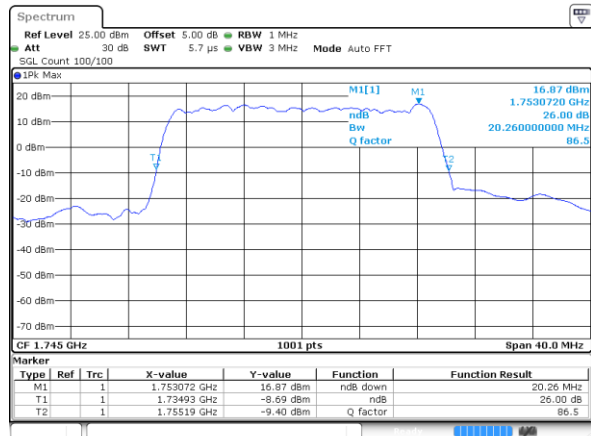
Lowest Channel / 20MHz / 16QAM



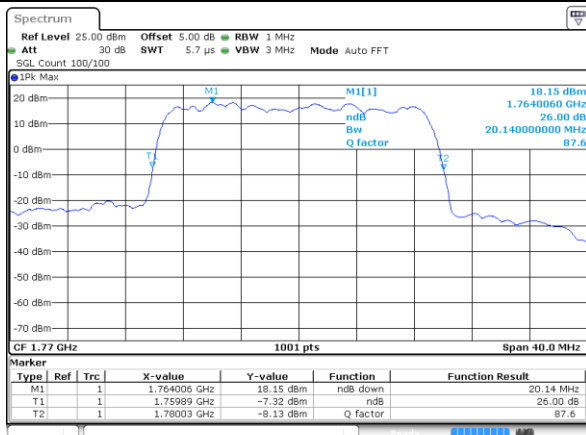
Middle Channel / 20MHz / QPSK



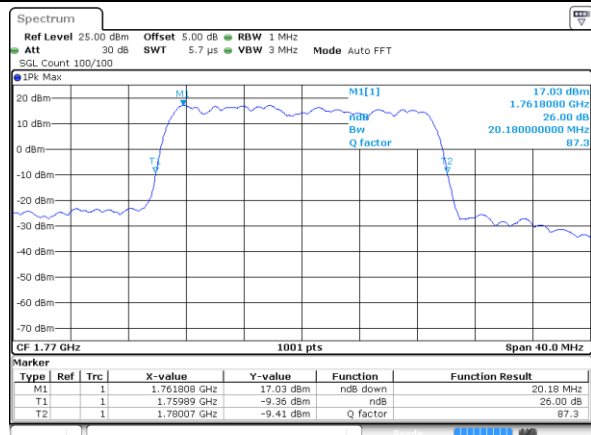
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



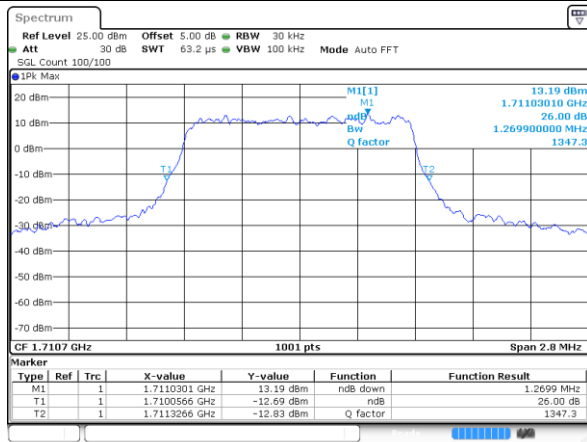
Highest Channel / 20MHz / 16QAM





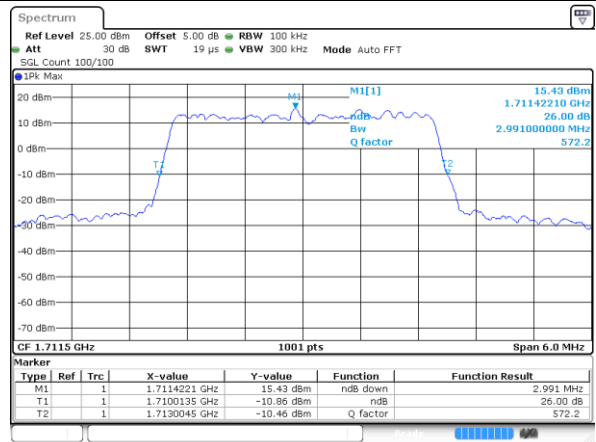
LTE Band 66

Lowest Channel / 1.4MHz / 64QPSK



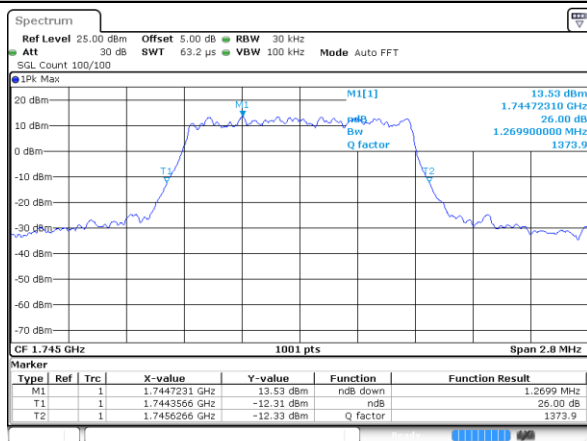
Date: 10 SEP 2018 09:44:46

Lowest Channel / 3MHz / 64QAM



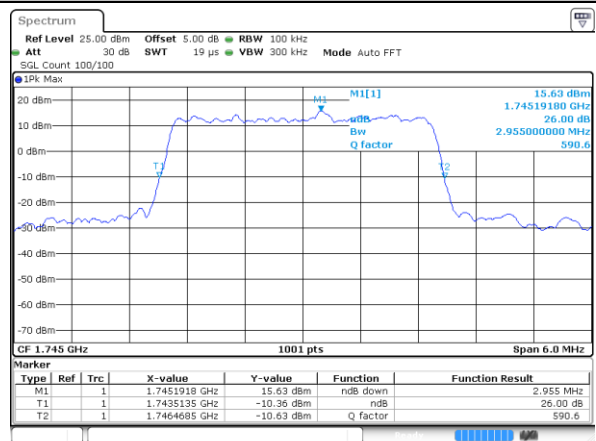
Date: 10 SEP 2018 10:14:37

Middle Channel / 1.4MHz / 64QPSK



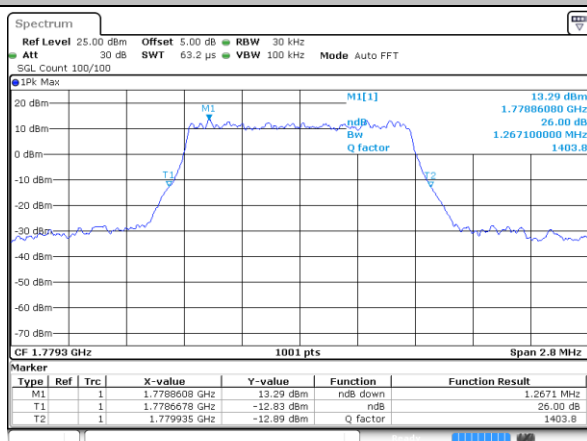
Date: 10 SEP 2018 09:57:46

Middle Channel / 3MHz / 64QAM



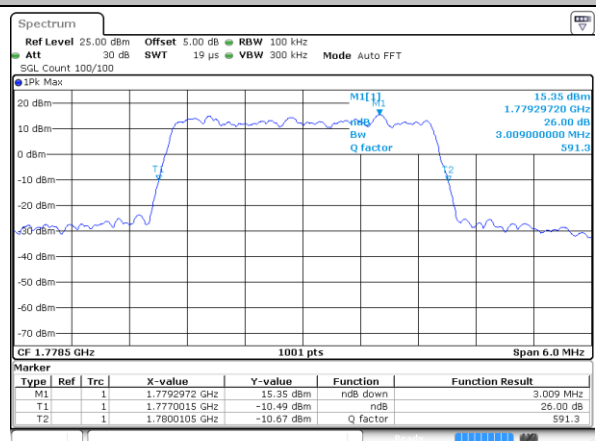
Date: 10 SEP 2018 10:32:06

Highest Channel / 1.4MHz / 64QPSK



Date: 10 SEP 2018 10:01:55

Highest Channel / 3MHz / 64QAM

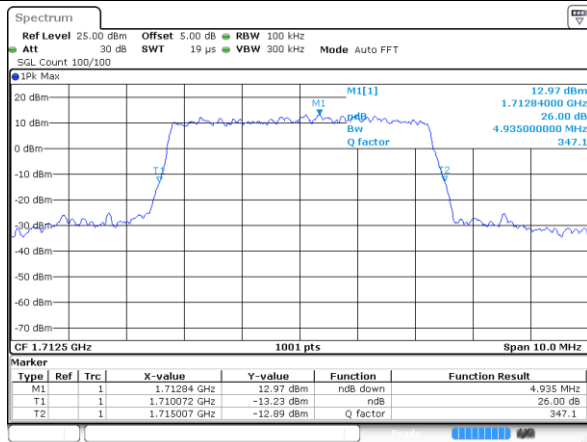


Date: 10 SEP 2018 10:36:19



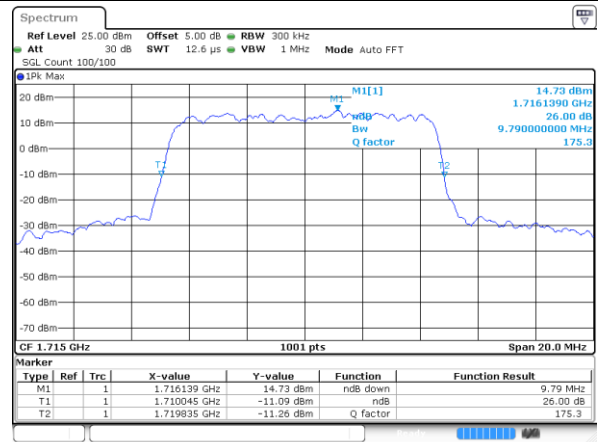
LTE Band 66

Lowest Channel / 5MHz / 64QPSK



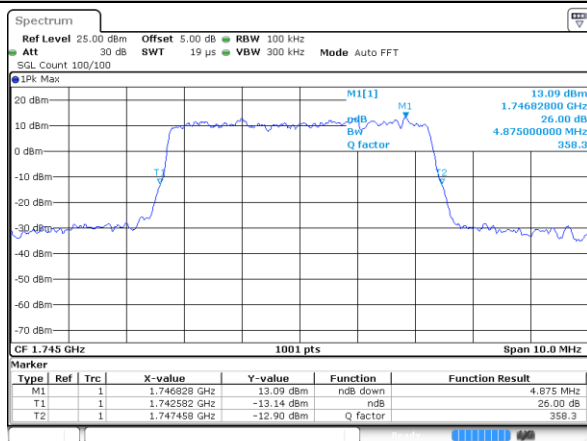
Date: 10 SEP 2018 10:46:49

Lowest Channel / 10MHz / 64QAM



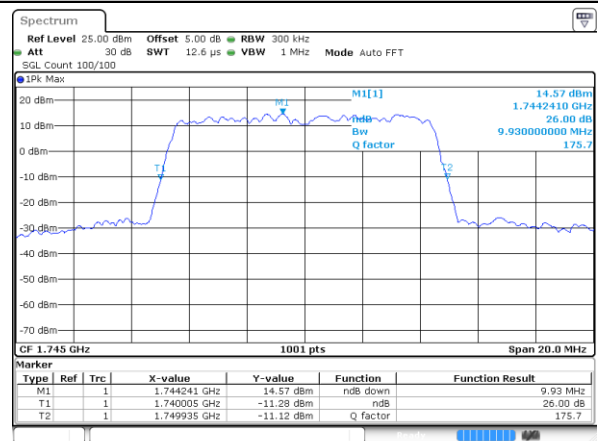
Date: 10 SEP 2018 11:05:25

Middle Channel / 5MHz / 64QPSK



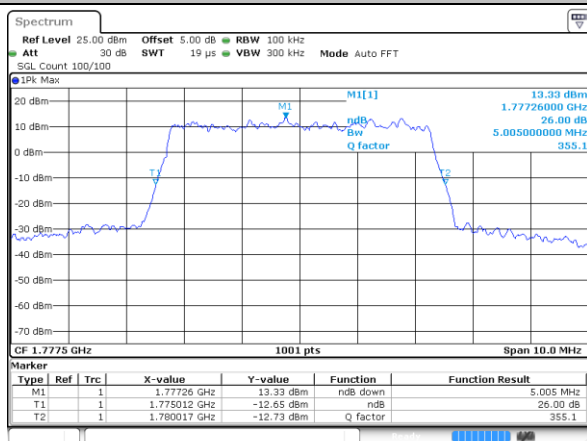
Date: 10 SEP 2018 10:53:02

Middle Channel / 10MHz / 64QAM



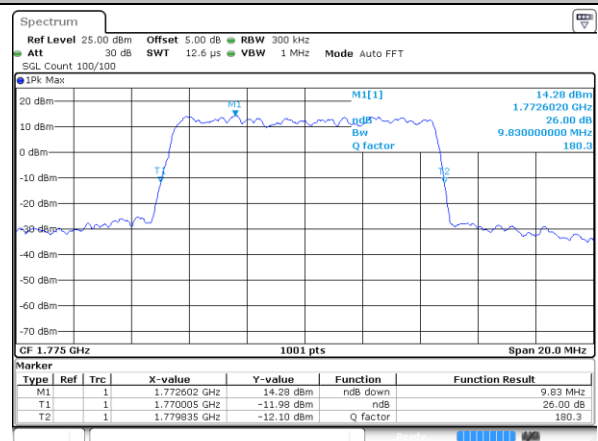
Date: 10 SEP 2018 11:12:14

Highest Channel / 5MHz / 64QPSK



Date: 10 SEP 2018 10:57:54

Highest Channel / 10MHz / 64QAM

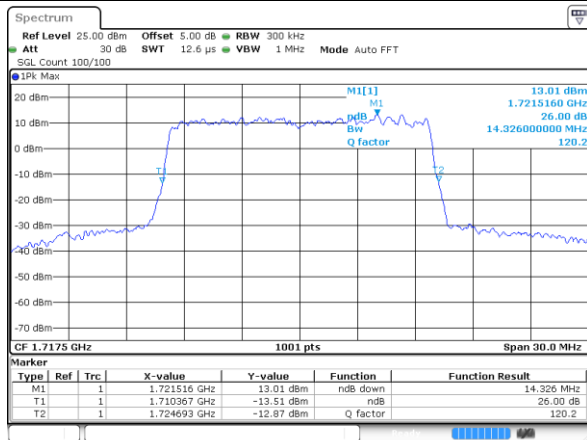


Date: 10 SEP 2018 11:14:42

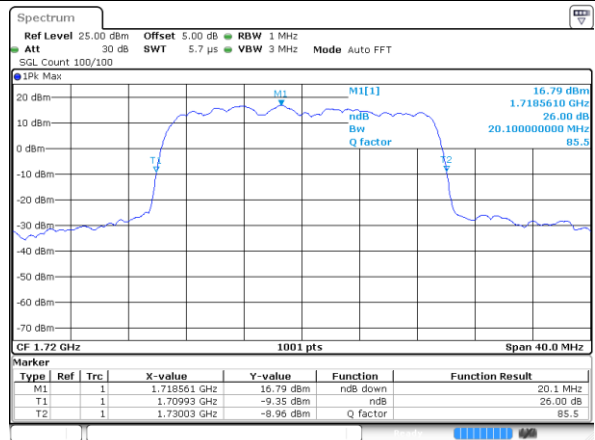


LTE Band 66

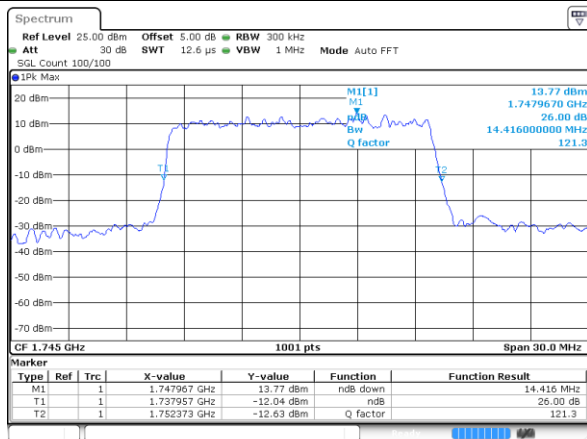
Lowest Channel / 15MHz / 64QPSK



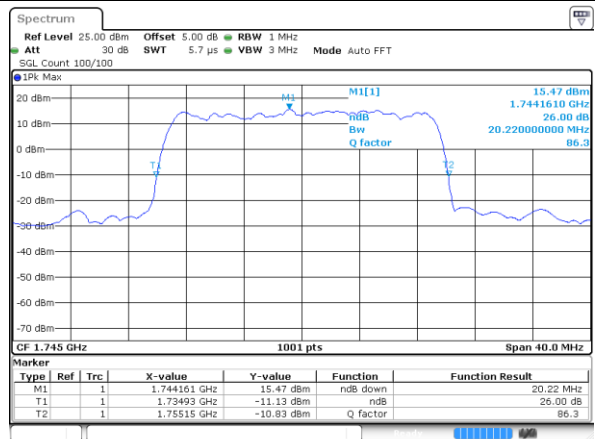
Lowest Channel / 20MHz / 64QAM



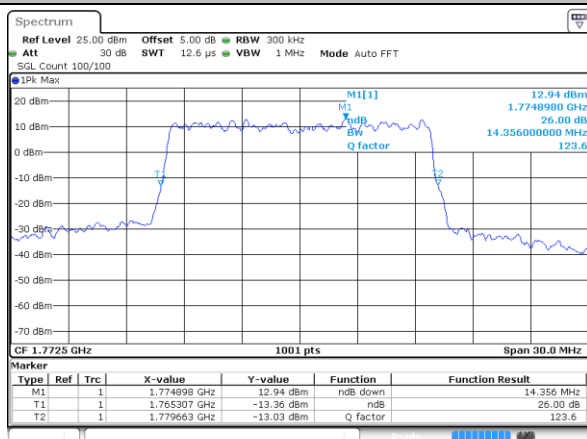
Middle Channel / 15MHz / 64QPSK



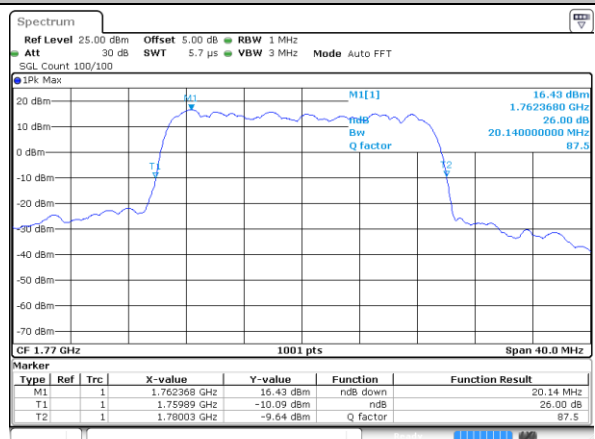
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QPSK



Highest Channel / 20MHz / 64QAM



**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	1.09	2.71	2.7	4.49	4.5	8.95	8.99	13.43	13.46	18.38	18.5
Middle CH	1.09	1.09	2.72	2.7	4.49	4.48	9.09	8.99	13.46	13.37	18.42	18.26
Highest CH	1.09	1.1	2.72	2.72	4.5	4.5	9.07	8.97	13.46	13.49	18.22	18.62
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.74		4.48		9.09		13.43		18.38	
Middle CH	1.09		2.72		4.48		9.03		13.4		18.42	
Highest CH	1.09		2.73		4.47		8.99		13.46		18.38	

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

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

Mode	LTE Band 66 : 99%OBW(MHz)											
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	1.1	2.72	2.72	4.48	4.5	9.01	9.03	13.43	13.4	18.26	18.22
Middle CH	1.09	1.09	2.73	2.71	4.49	4.48	9.01	9.07	13.46	13.49	18.22	18.26
Highest CH	1.09	1.08	2.72	2.73	4.48	4.49	9.03	8.99	13.46	13.46	18.34	18.42
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.09		2.72		4.48		9.01		13.37		18.18	
Middle CH	1.09		2.71		4.47		8.99		13.46		18.34	
Highest CH	1.09		2.72		4.48		9.03		13.46		18.34	