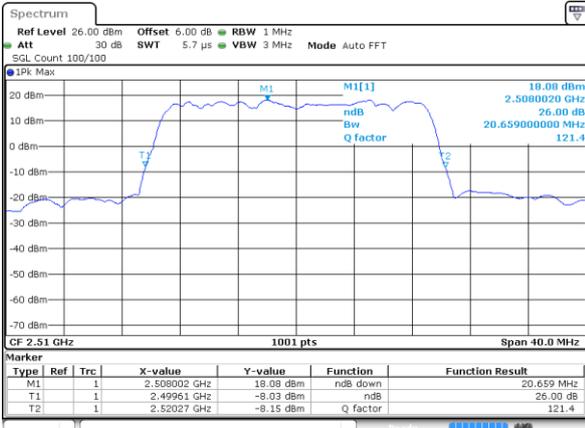




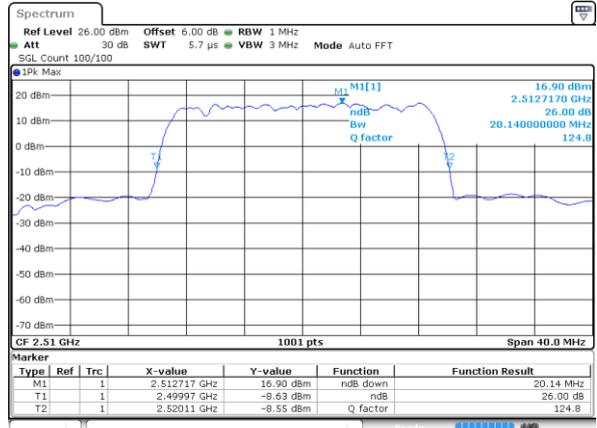
LTE Band 7

Lowest Channel / 20MHz / QPSK



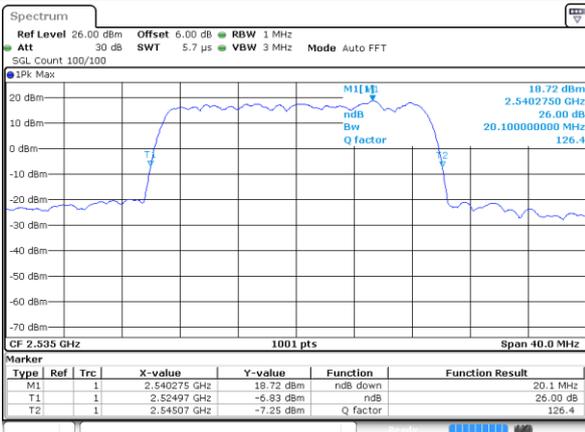
Date: 8 AUG 2019 17:16:51

Lowest Channel / 20MHz / 16QAM



Date: 8 AUG 2019 17:16:32

Middle Channel / 20MHz / QPSK



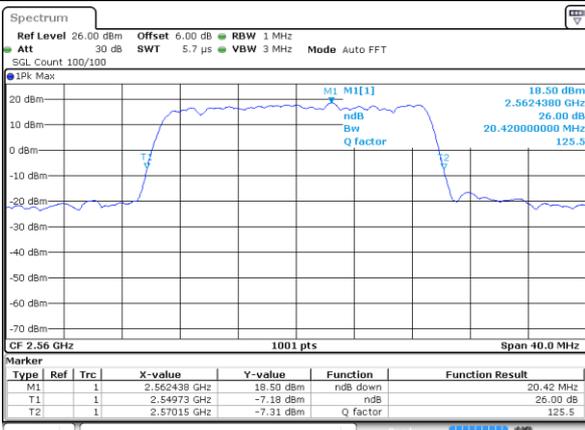
Date: 8 AUG 2019 17:17:11

Middle Channel / 20MHz / 16QAM



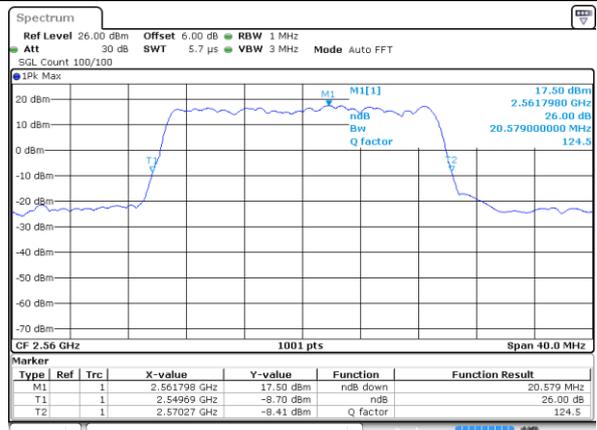
Date: 8 AUG 2019 17:17:31

Highest Channel / 20MHz / QPSK



Date: 8 AUG 2019 17:18:11

Highest Channel / 20MHz / 16QAM

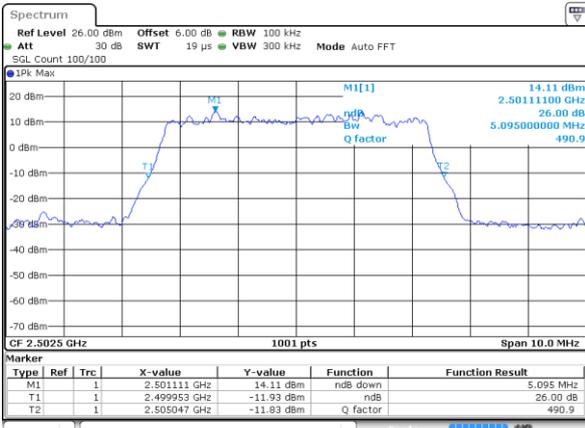


Date: 8 AUG 2019 17:17:51



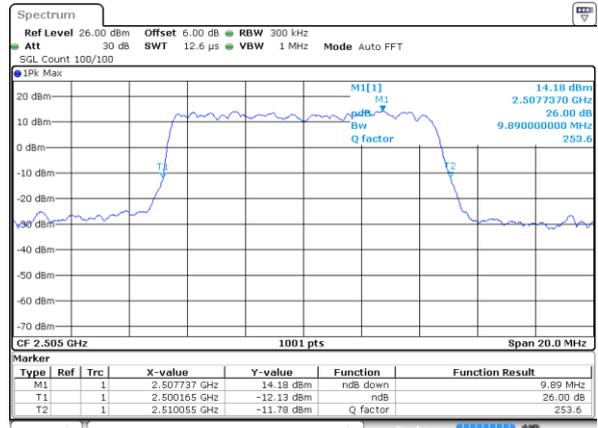
LTE Band 7

Lowest Channel / 5MHz / 64QAM



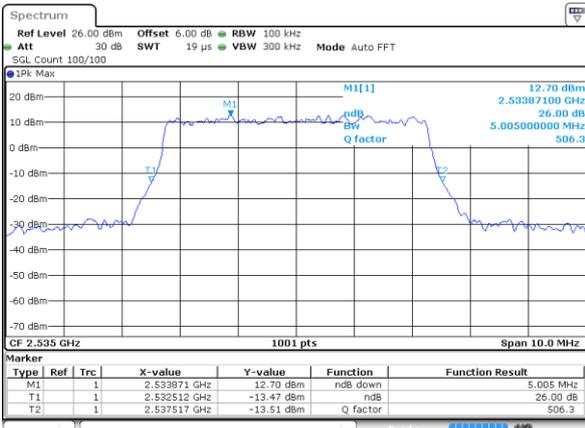
Date: 8 AUG 2019 17:27:52

Lowest Channel / 10MHz / 64QAM



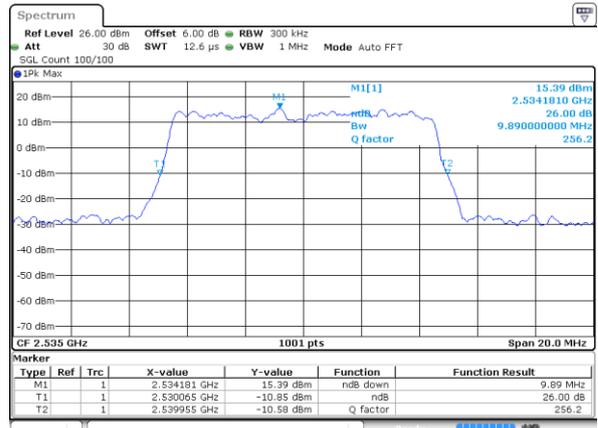
Date: 8 AUG 2019 17:31:33

Middle Channel / 5MHz / 64QAM



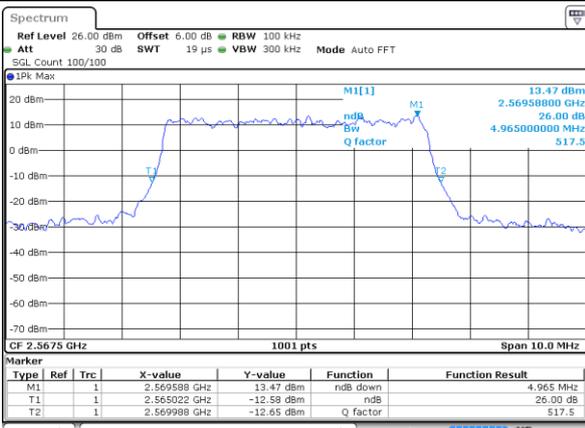
Date: 8 AUG 2019 17:28:01

Middle Channel / 10MHz / 64QAM



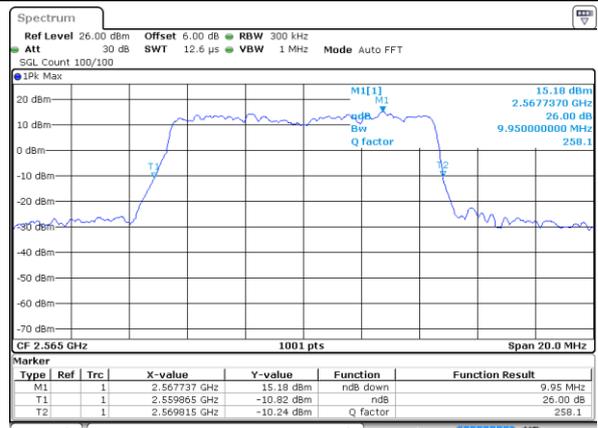
Date: 8 AUG 2019 17:31:43

Highest Channel / 5MHz / 64QAM



Date: 8 AUG 2019 17:28:11

Highest Channel / 10MHz / 64QAM

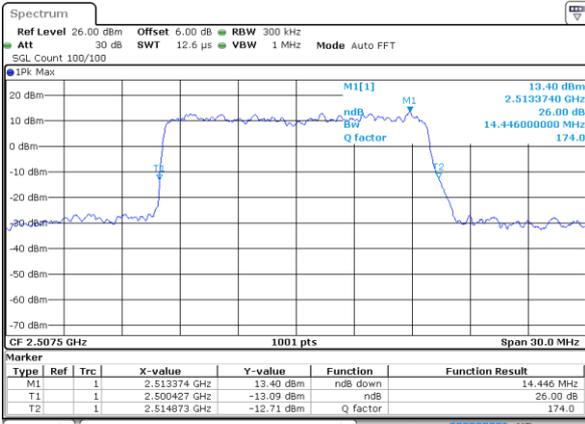


Date: 8 AUG 2019 17:31:53



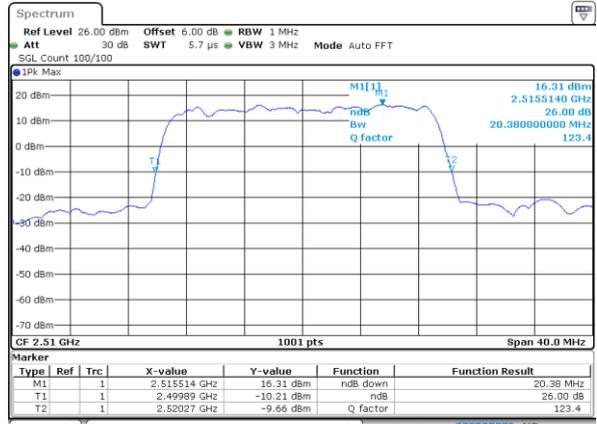
LTE Band 7

Lowest Channel / 15MHz / 64QAM



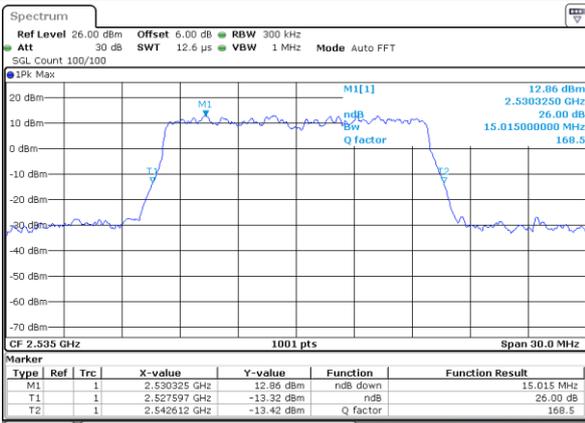
Date: 8 AUG 2019 17:35:14

Lowest Channel / 20MHz / 64QAM



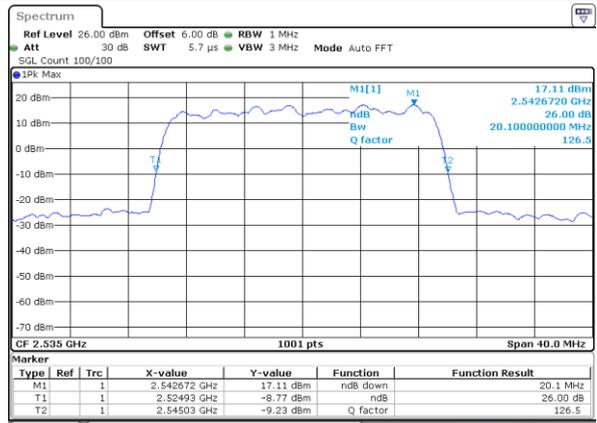
Date: 8 AUG 2019 17:38:55

Middle Channel / 15MHz / 64QAM



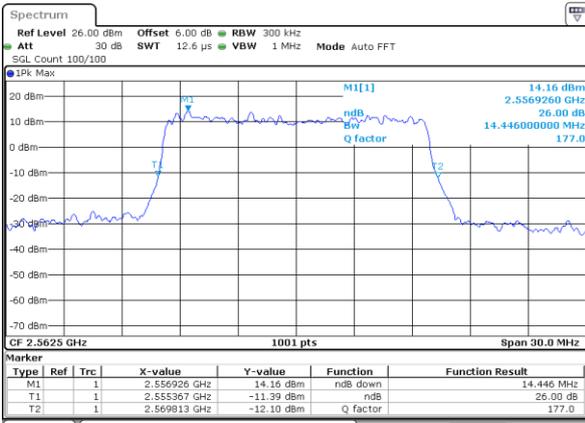
Date: 8 AUG 2019 17:35:24

Middle Channel / 20MHz / 64QAM



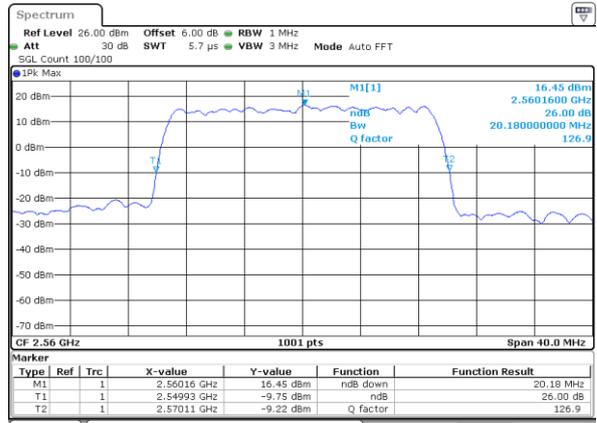
Date: 8 AUG 2019 17:39:05

Highest Channel / 15MHz / 64QAM



Date: 8 AUG 2019 17:35:34

Highest Channel / 20MHz / 64QAM



Date: 8 AUG 2019 17:39:15



Occupied Bandwidth

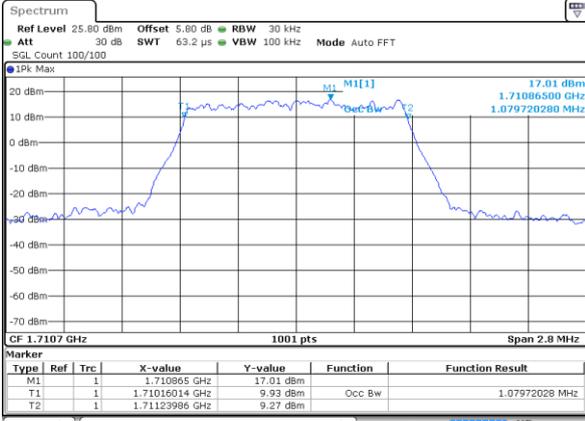
Mode		LTE Band 4 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	
Lowest CH	1.08	1.09	2.69	2.71	4.50	4.50	9.09	9.01	13.52	13.46	18.34	18.34	
Middle CH	1.09	1.09	2.71	2.70	4.51	4.51	9.03	9.05	13.37	13.52	18.26	18.34	
Highest CH	1.09	1.09	2.73	2.72	4.50	4.48	9.03	9.03	13.46	13.43	18.42	18.22	
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		4.52		9.07		13.46		18.38		
Middle CH	1.10		2.71		4.50		9.03		13.46		18.30		
Highest CH	1.09		2.70		4.47		9.03		13.43		18.38		

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	-	-	-	-	4.53	4.51	9.03	9.07	13.46	13.49	18.50	18.38	
Middle CH	-	-	-	-	4.49	4.51	9.03	8.99	13.49	13.49	18.30	18.38	
Highest CH	-	-	-	-	4.49	4.51	9.11	9.07	13.43	13.46	18.42	18.26	
Mode		LTE Band 7 : 99%OBW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH					4.51		9.07		13.49		18.22		
Middle CH					4.51		9.05		13.46		18.38		
Highest CH					4.49		9.03		13.40		18.38		



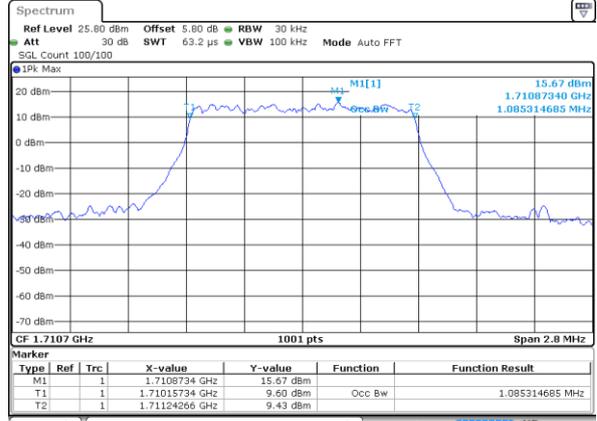
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



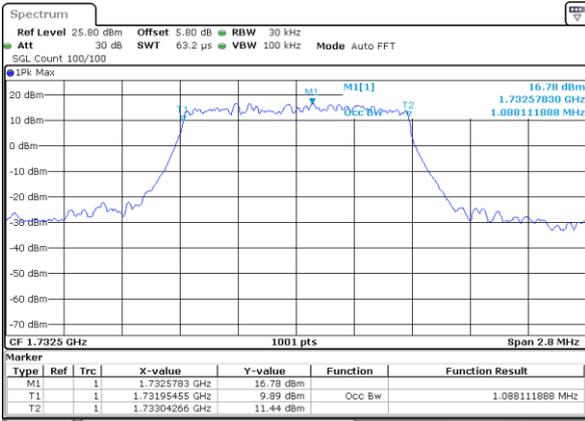
Date: 5 AUG 2019 04:29:37

Lowest Channel / 1.4MHz / 16QAM



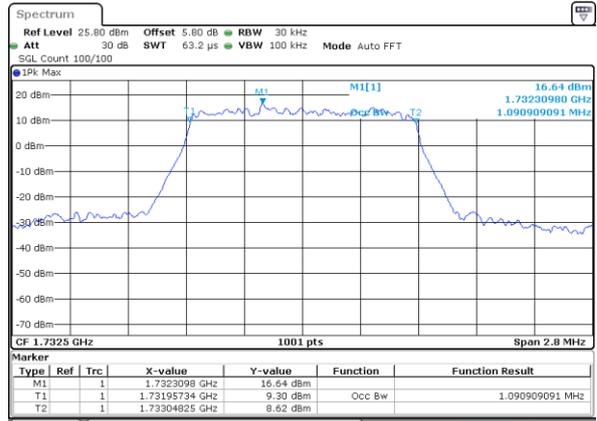
Date: 5 AUG 2019 04:29:48

Middle Channel / 1.4MHz / QPSK



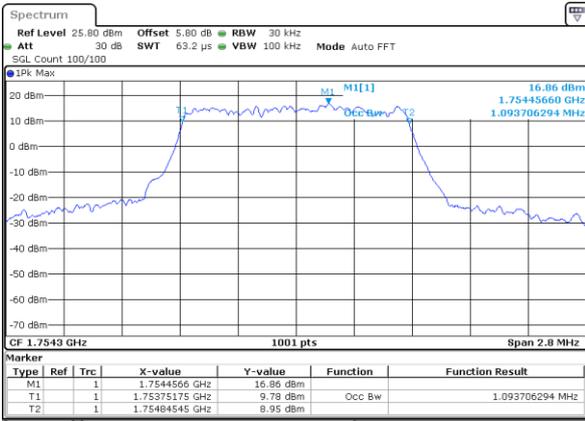
Date: 5 AUG 2019 04:38:25

Middle Channel / 1.4MHz / 16QAM



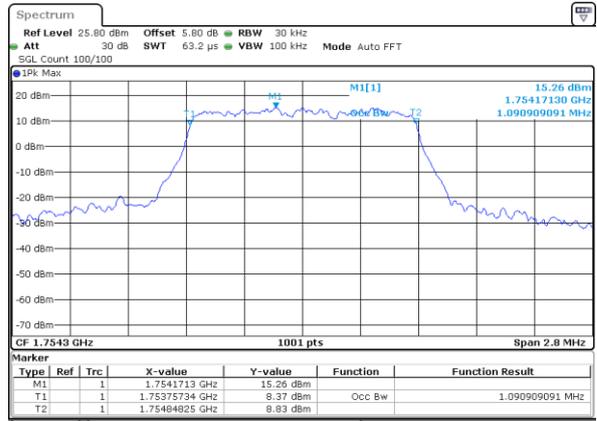
Date: 5 AUG 2019 04:38:35

Highest Channel / 1.4MHz / QPSK



Date: 5 AUG 2019 04:40:55

Highest Channel / 1.4MHz / 16QAM

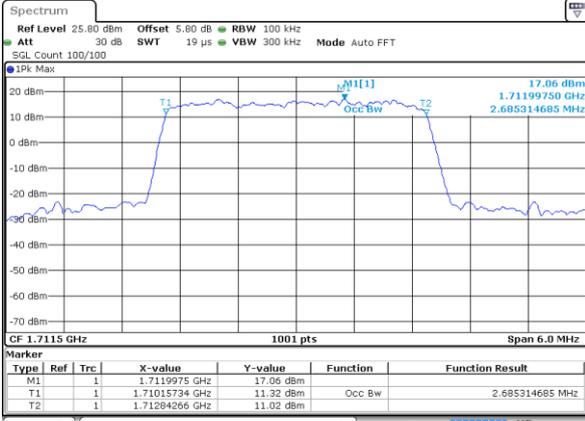


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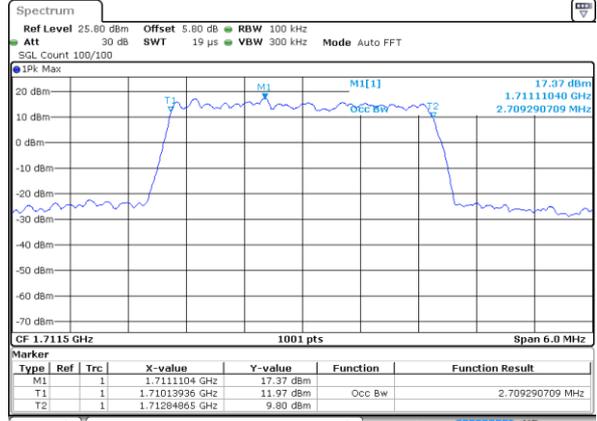
LTE Band 4

Lowest Channel / 3MHz / QPSK



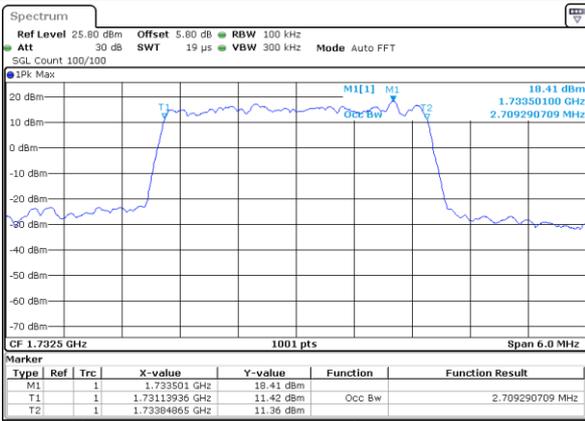
Date: 5 AUG 2019 04:47:55

Lowest Channel / 3MHz / 16QAM



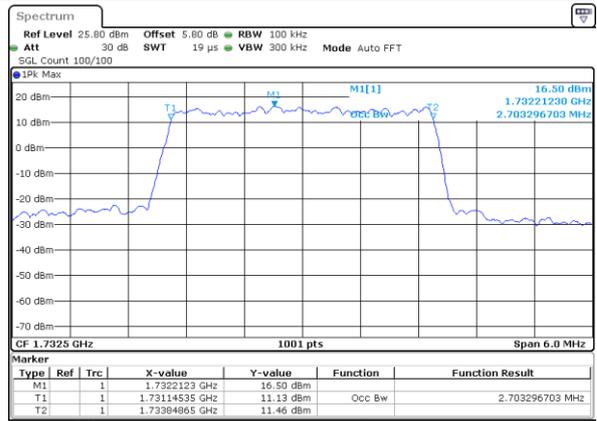
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Middle Channel / 3MHz / QPSK



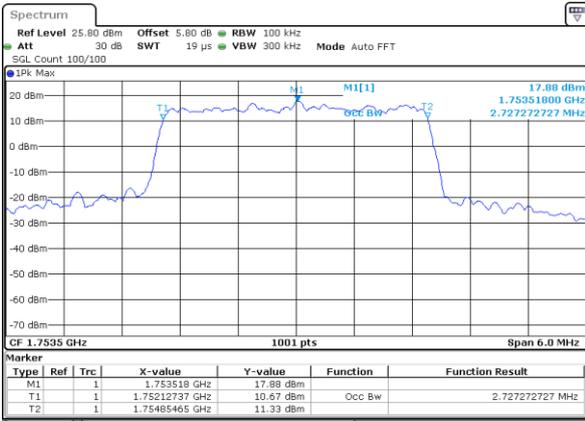
Date: 5 AUG 2019 04:54:55

Middle Channel / 3MHz / 16QAM



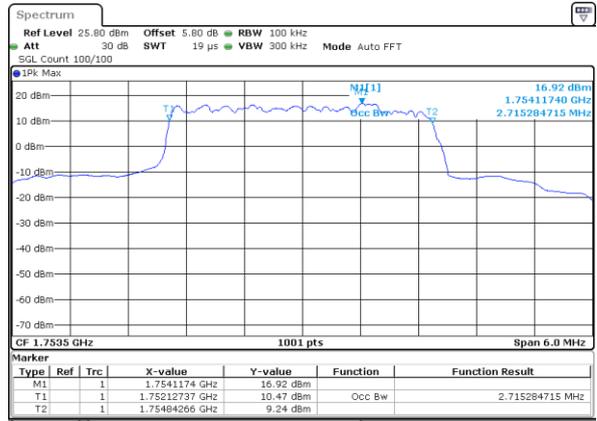
Date: 5 AUG 2019 04:55:05

Highest Channel / 3MHz / QPSK



Date: 5 AUG 2019 04:57:25

Highest Channel / 3MHz / 16QAM

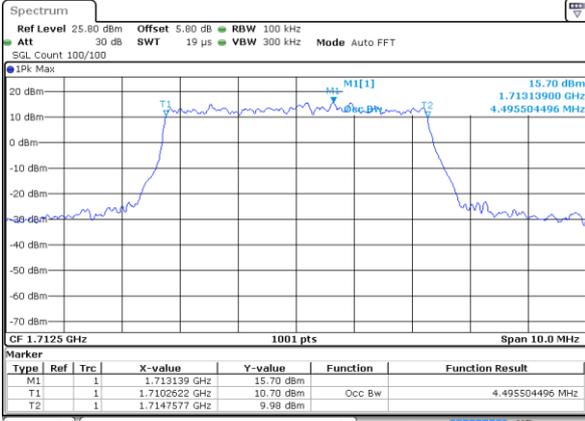


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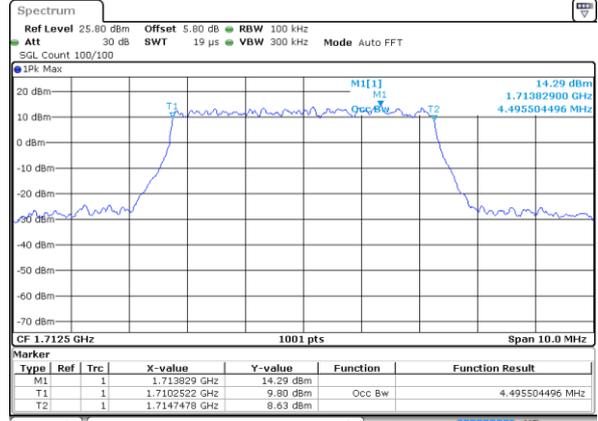
LTE Band 4

Lowest Channel / 5MHz / QPSK



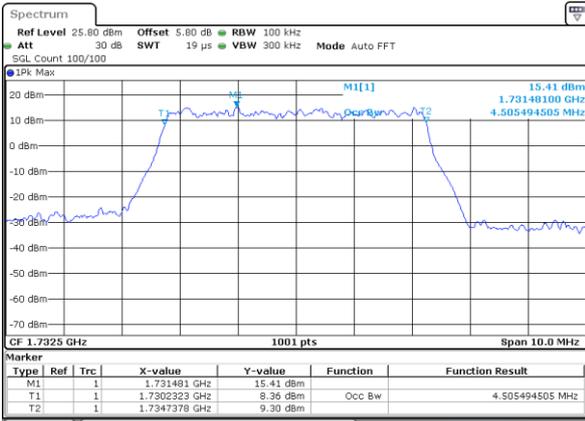
Date: 5 AUG 2019 05:04:24

Lowest Channel / 5MHz / 16QAM



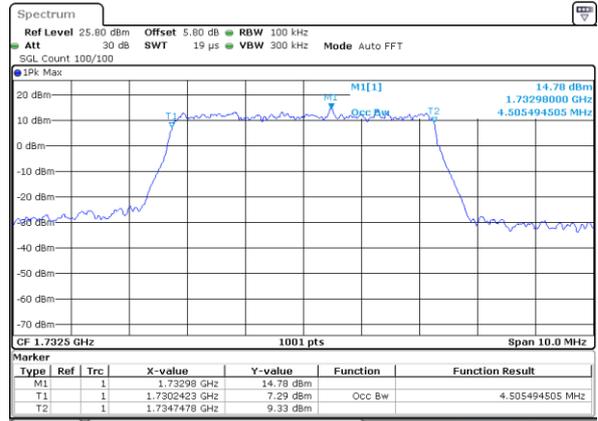
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Middle Channel / 5MHz / QPSK



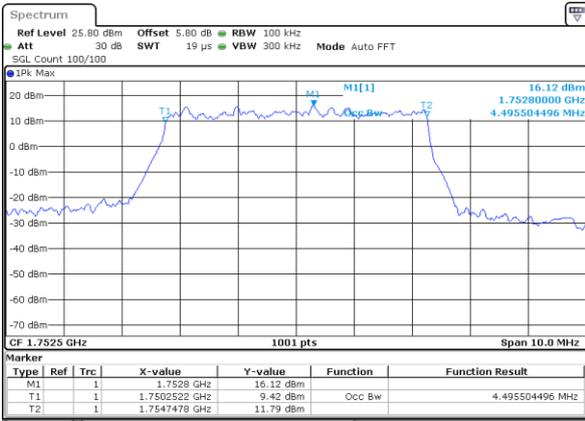
Date: 5 AUG 2019 05:11:24

Middle Channel / 5MHz / 16QAM



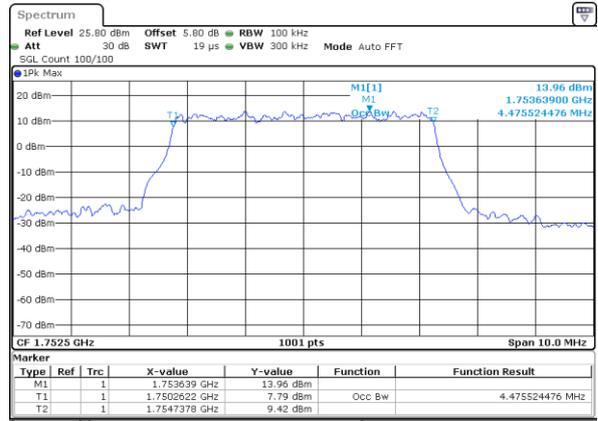
Date: 5 AUG 2019 05:11:35

Highest Channel / 5MHz / QPSK



Date: 5 AUG 2019 05:13:54

Highest Channel / 5MHz / 16QAM

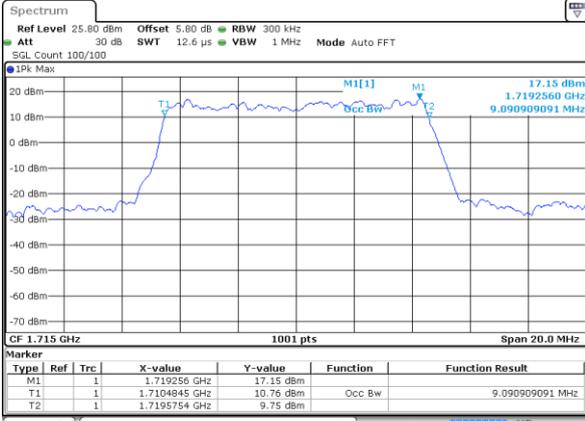


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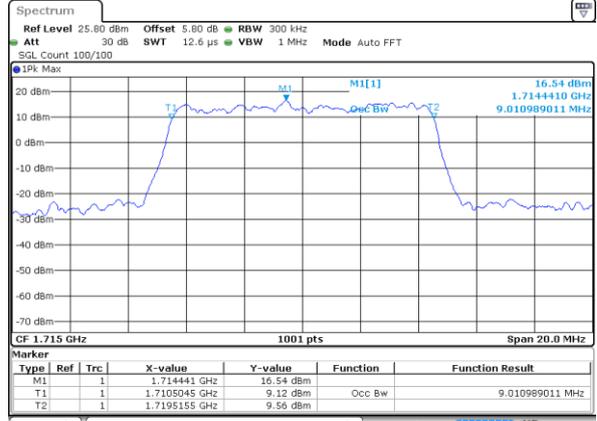
LTE Band 4

Lowest Channel / 10MHz / QPSK



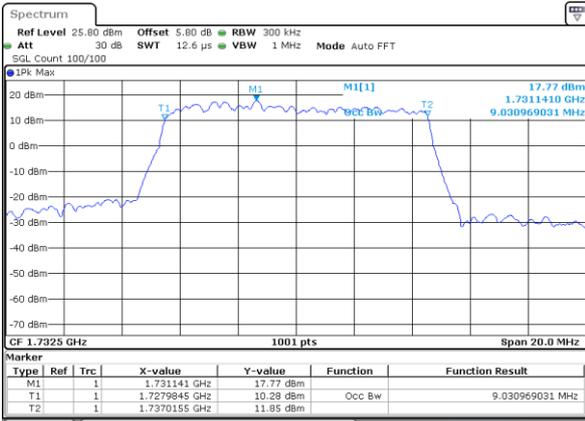
Date: 5 AUG 2019 05:20:54

Lowest Channel / 10MHz / 16QAM



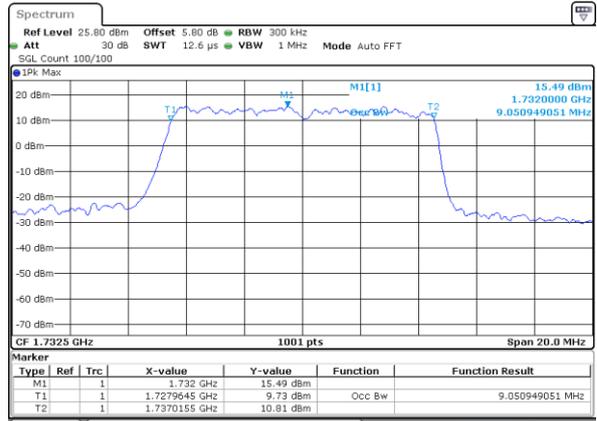
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Middle Channel / 10MHz / QPSK



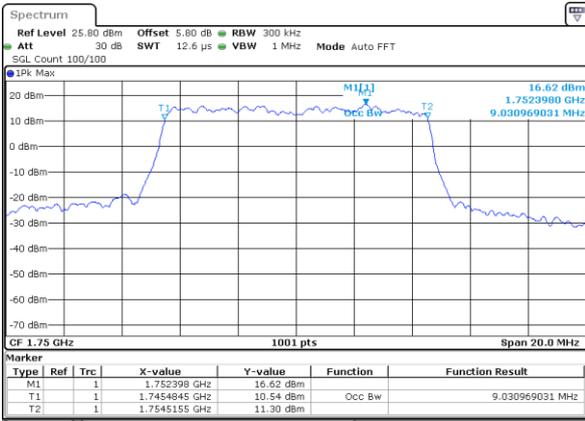
Date: 5 AUG 2019 05:27:55

Middle Channel / 10MHz / 16QAM



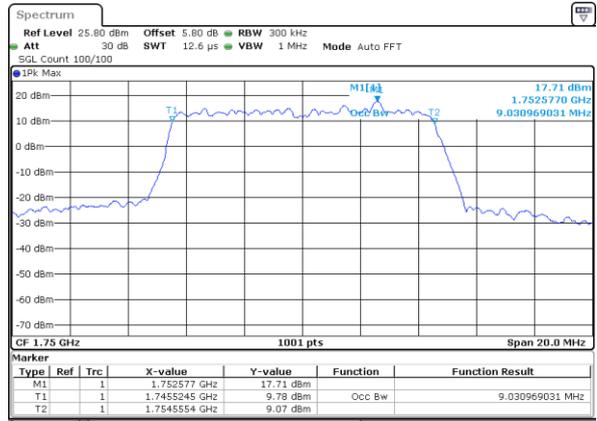
Date: 5 AUG 2019 05:28:05

Highest Channel / 10MHz / QPSK



Date: 5 AUG 2019 05:30:25

Highest Channel / 10MHz / 16QAM

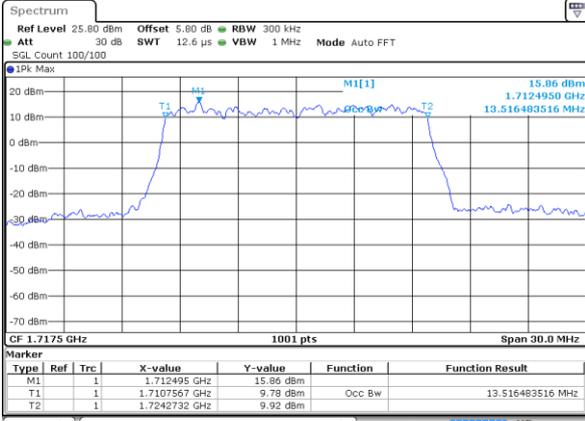


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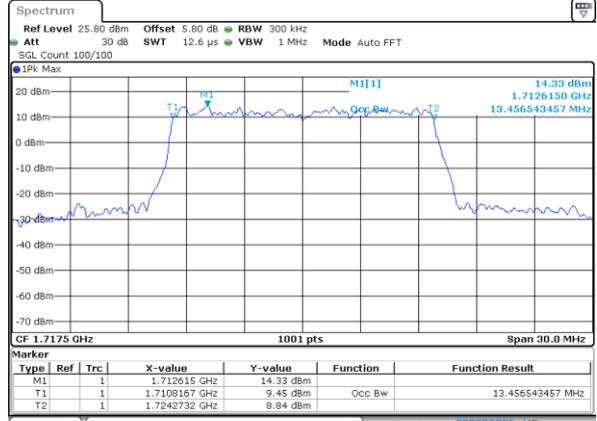
LTE Band 4

Lowest Channel / 15MHz / QPSK



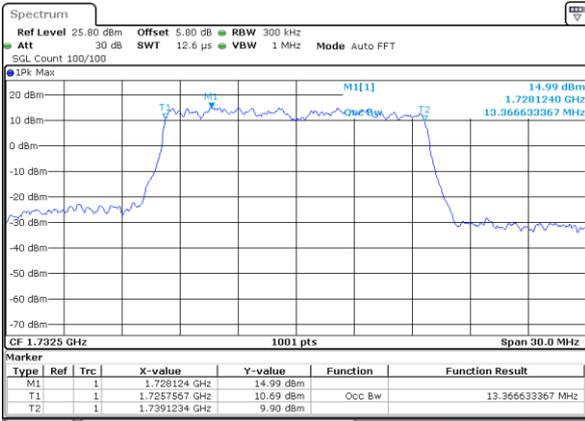
Date: 5 AUG 2019 05:37:25

Lowest Channel / 15MHz / 16QAM



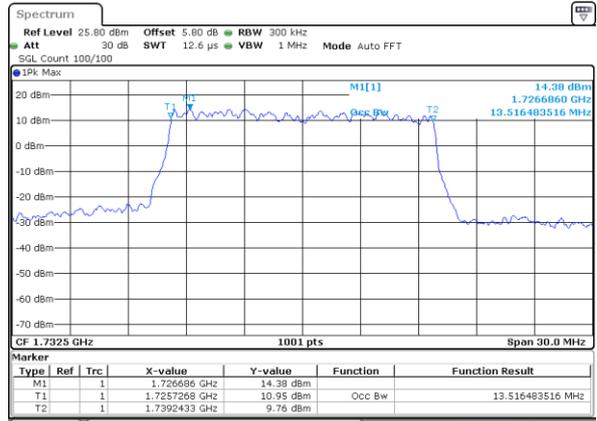
Date: 5 AUG 2019 05:37:35

Middle Channel / 15MHz / QPSK



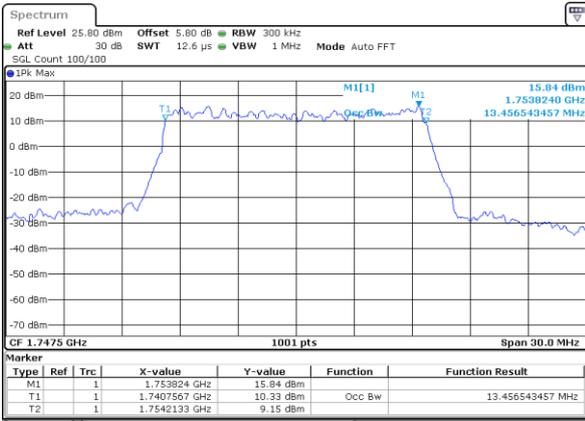
Date: 5 AUG 2019 05:44:25

Middle Channel / 15MHz / 16QAM



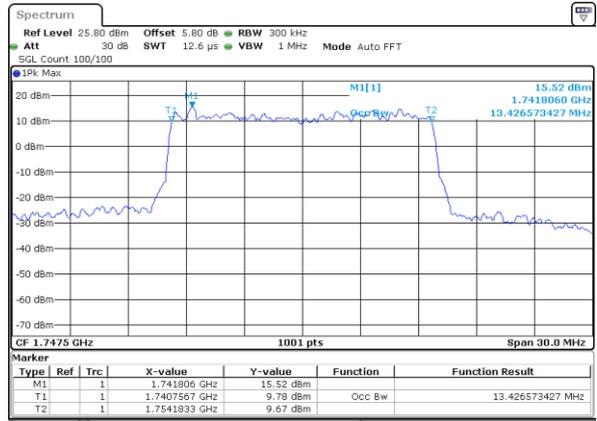
Date: 5 AUG 2019 05:44:35

Highest Channel / 15MHz / QPSK



Date: 5 AUG 2019 05:46:55

Highest Channel / 15MHz / 16QAM

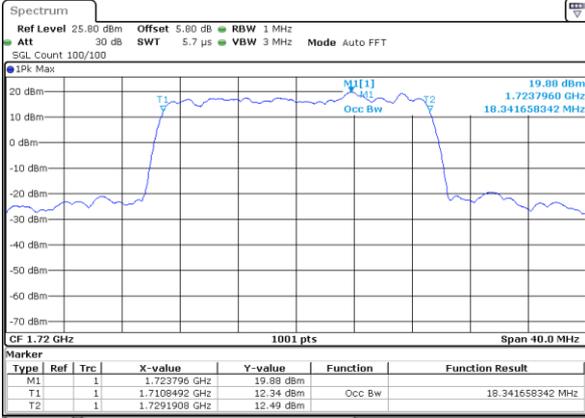


Date: 5 AUG 2019 05:47:05



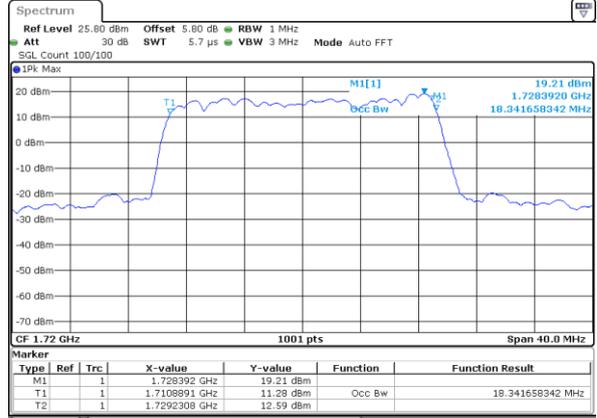
LTE Band 4

Lowest Channel / 20MHz / QPSK



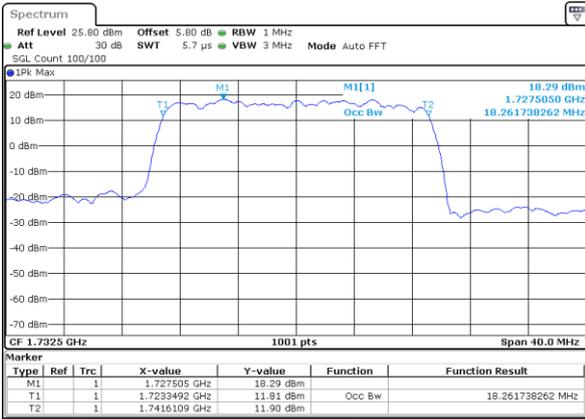
Date: 5 AUG 2019 05:53:54

Lowest Channel / 20MHz / 16QAM



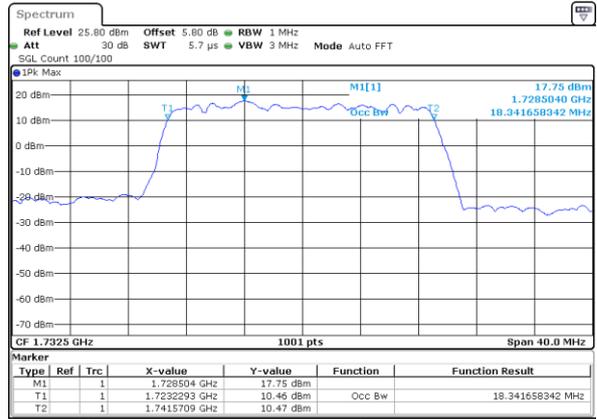
Date: 5 AUG 2019 05:54:04

Middle Channel / 20MHz / QPSK



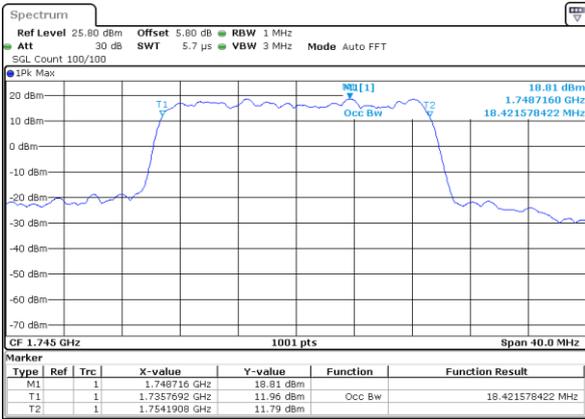
Date: 5 AUG 2019 06:00:54

Middle Channel / 20MHz / 16QAM



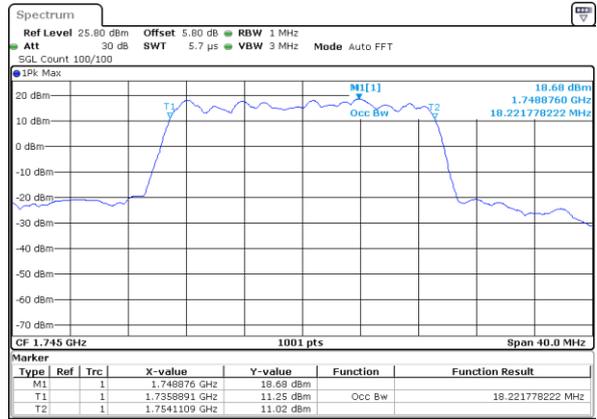
Date: 5 AUG 2019 06:01:04

Highest Channel / 20MHz / QPSK



Date: 5 AUG 2019 06:03:24

Highest Channel / 20MHz / 16QAM

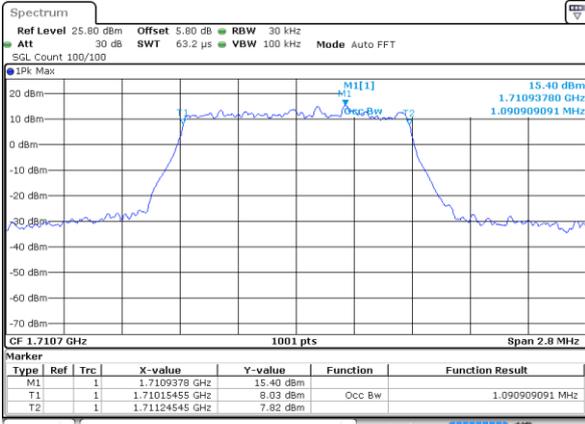


Date: 5 AUG 2019 06:03:34



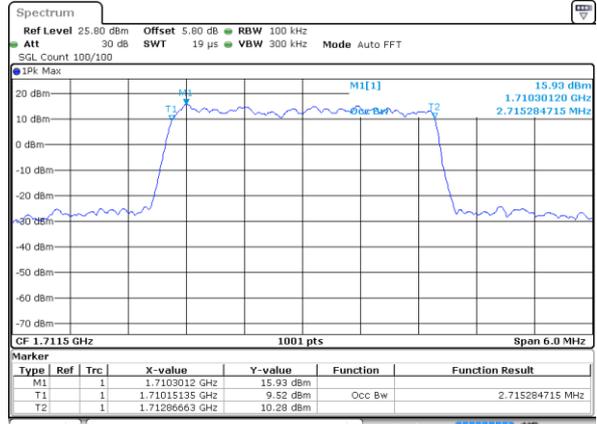
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



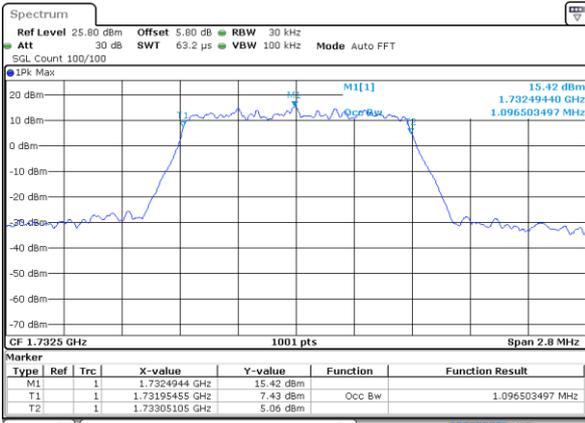
Date: 5 AUG 2019 06:12:07

Lowest Channel / 3MHz / 64QAM



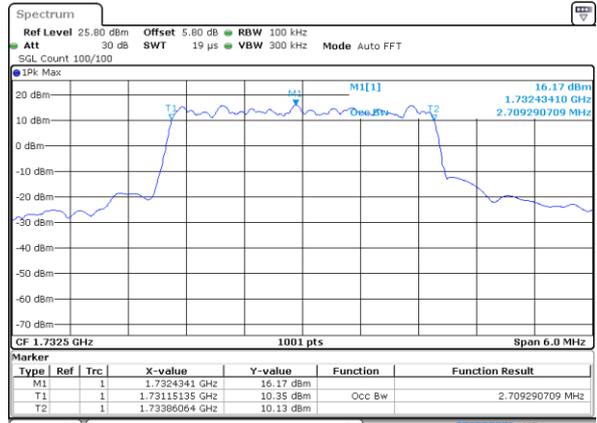
Date: 5 AUG 2019 06:20:22

Middle Channel / 1.4MHz / 64QAM



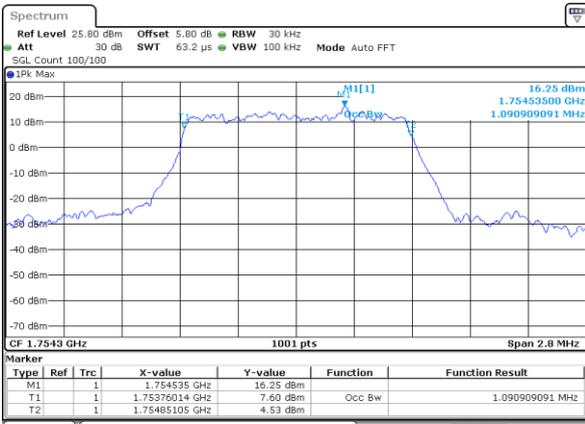
Date: 5 AUG 2019 06:15:37

Middle Channel / 3MHz / 64QAM



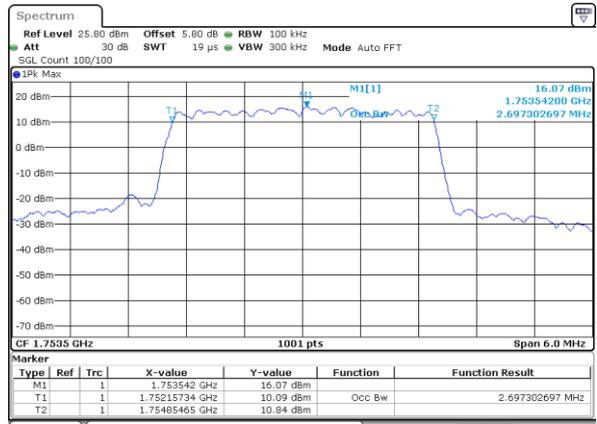
Date: 5 AUG 2019 06:23:52

Highest Channel / 1.4MHz / 64QAM



Date: 5 AUG 2019 06:16:52

Highest Channel / 3MHz / 64QAM

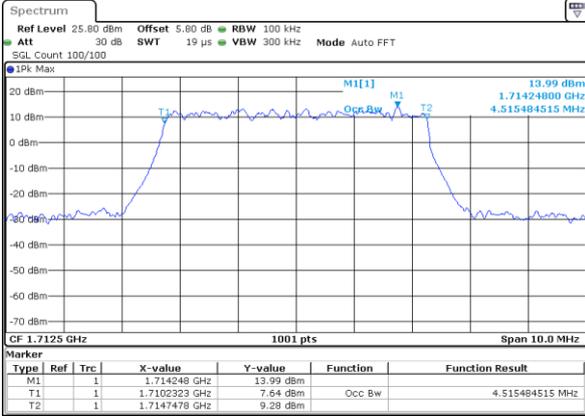


Date: 5 AUG 2019 06:25:07



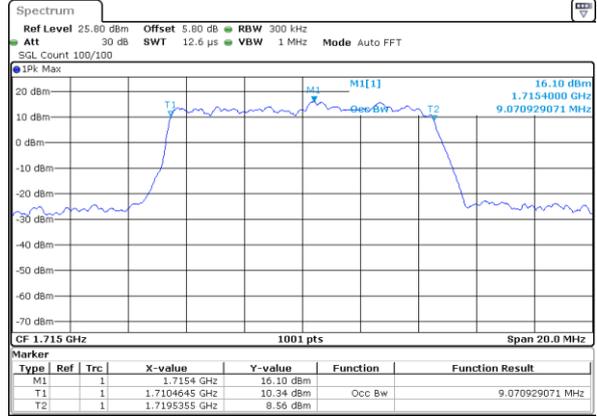
LTE Band 4

Lowest Channel / 5MHz / 64QAM



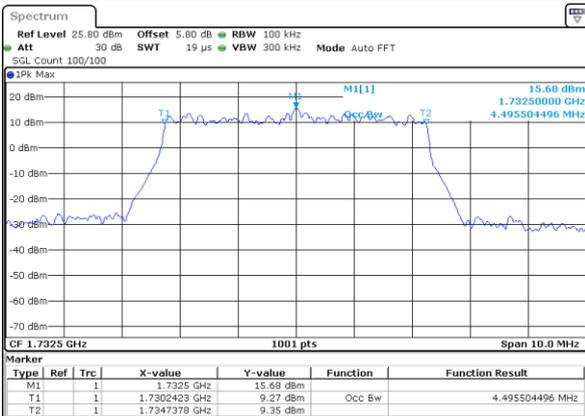
Date: 5 AUG 2019 06:28:37

Lowest Channel / 10MHz / 64QAM



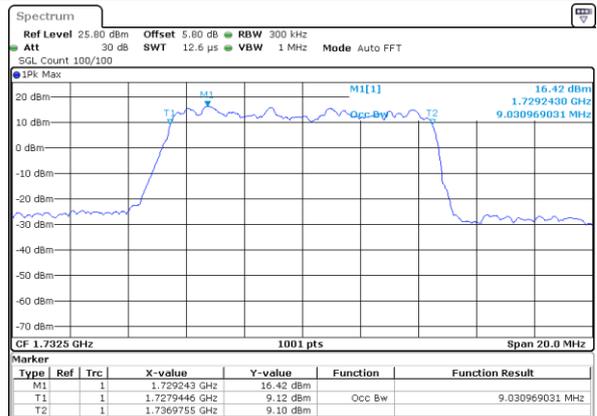
Date: 5 AUG 2019 06:36:52

Middle Channel / 5MHz / 64QAM



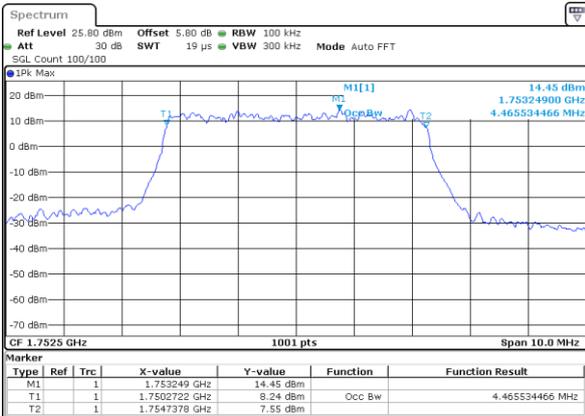
Date: 5 AUG 2019 06:32:07

Middle Channel / 10MHz / 64QAM



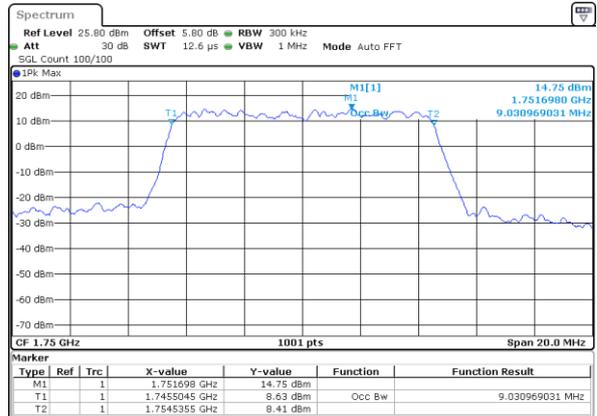
Date: 5 AUG 2019 06:40:22

Highest Channel / 5MHz / 64QAM



Date: 5 AUG 2019 06:33:22

Highest Channel / 10MHz / 64QAM

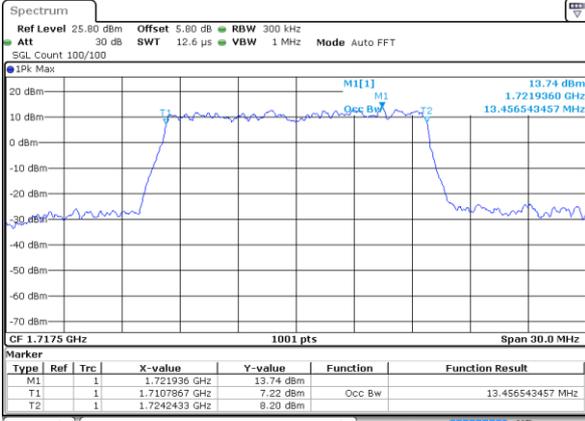


Date: 5 AUG 2019 06:41:37



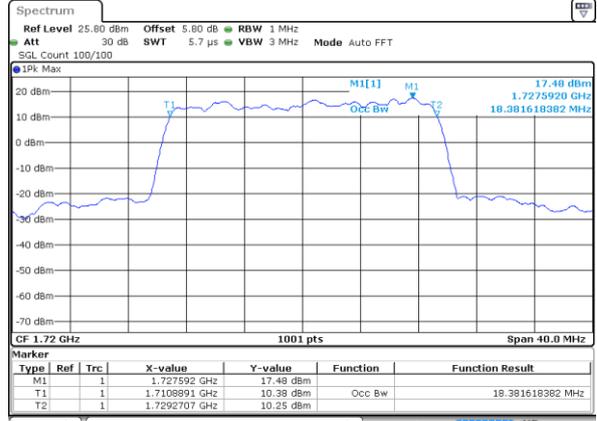
LTE Band 4

Lowest Channel / 15MHz / 64QAM



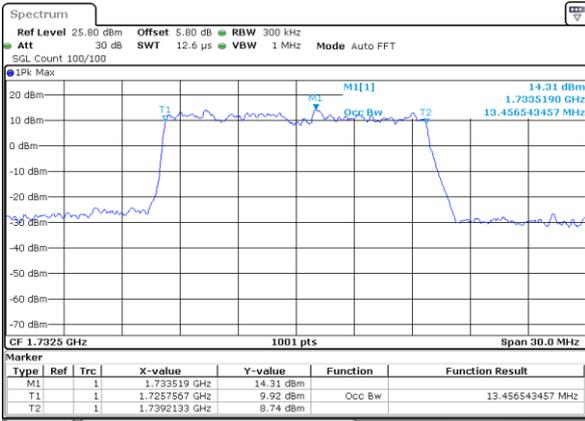
Date: 5 AUG 2019 06:45:07

Lowest Channel / 20MHz / 64QAM



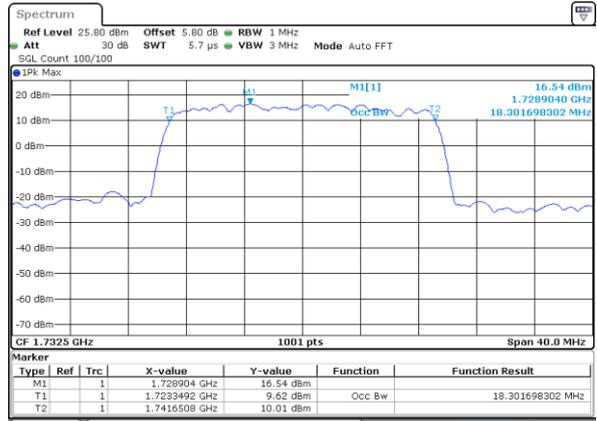
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Middle Channel / 15MHz / 64QAM



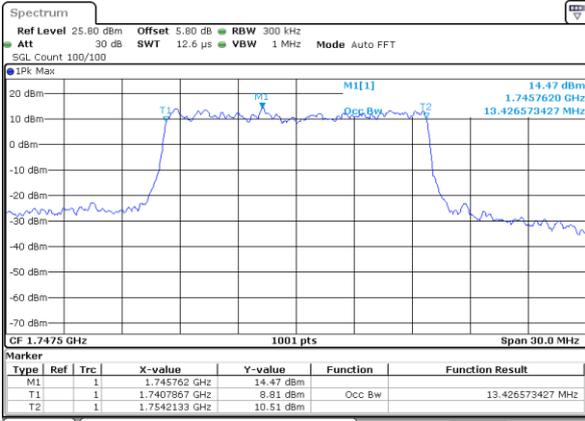
Date: 5 AUG 2019 06:48:38

Middle Channel / 20MHz / 64QAM



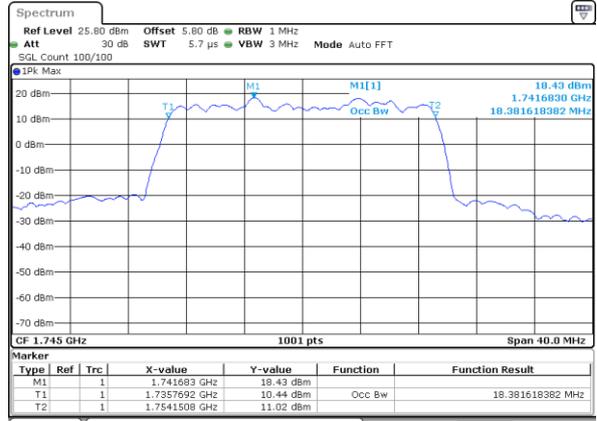
Date: 5 AUG 2019 06:56:53

Highest Channel / 15MHz / 64QAM



Date: 5 AUG 2019 06:49:52

Highest Channel / 20MHz / 64QAM

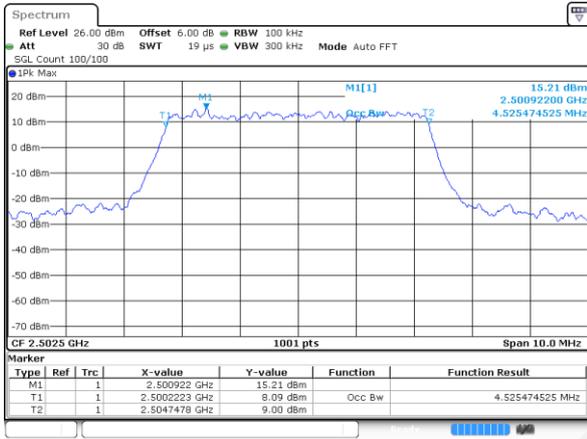


Date: 5 AUG 2019 06:58:08



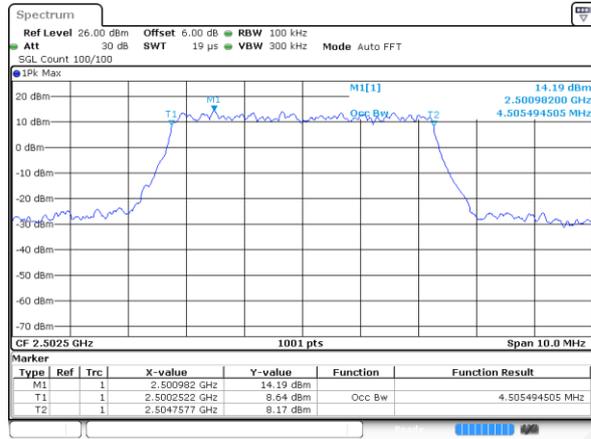
LTE Band 7

Lowest Channel / 5MHz / QPSK



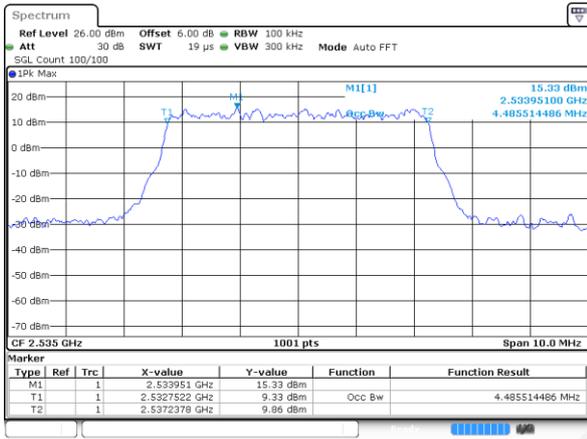
Date: 8 AUG 2019 16:54:16

Lowest Channel / 5MHz / 16QAM



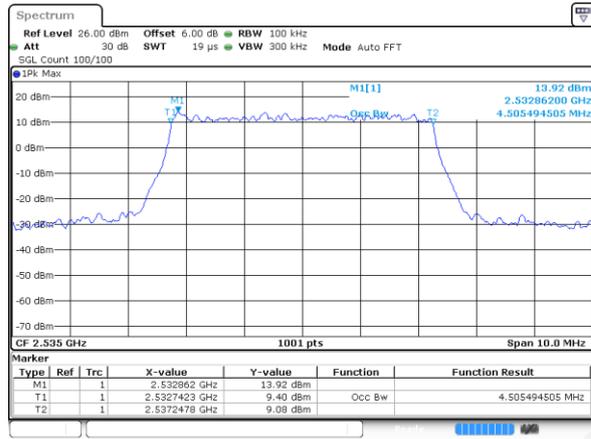
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Middle Channel / 5MHz / QPSK



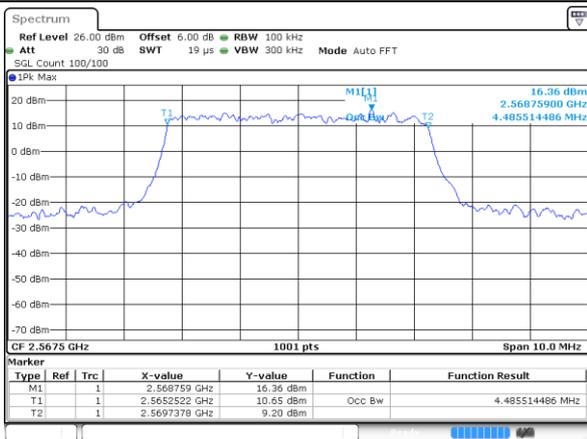
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Middle Channel / 5MHz / 16QAM



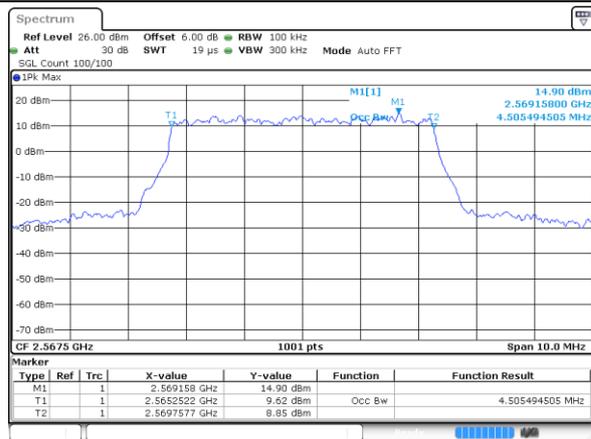
Date: 8 AUG 2019 16:54:56

Highest Channel / 5MHz / QPSK



Date: 8 AUG 2019 16:55:36

Highest Channel / 5MHz / 16QAM

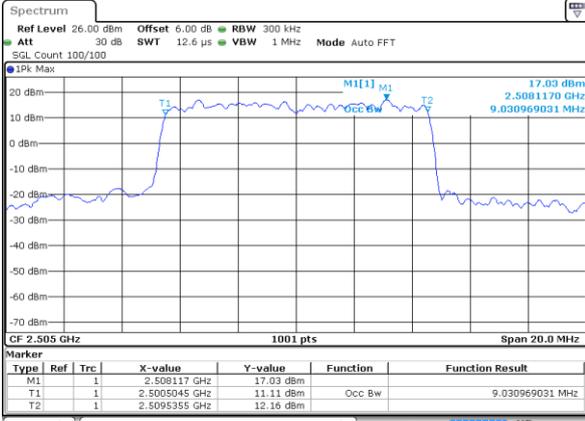


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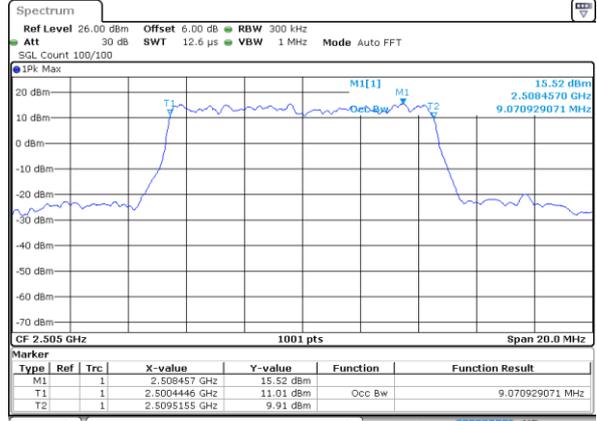
LTE Band 7

Lowest Channel / 10MHz / QPSK



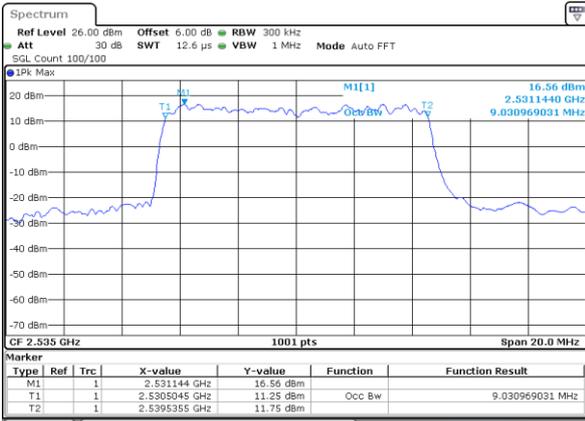
Date: 8 AUG 2019 17:01:39

Lowest Channel / 10MHz / 16QAM



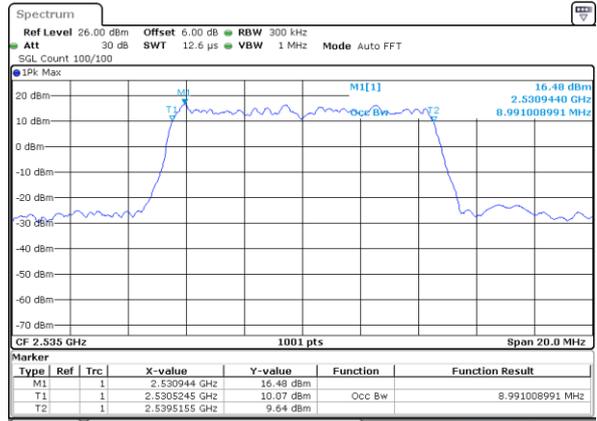
Date: 8 AUG 2019 17:01:58

Middle Channel / 10MHz / QPSK



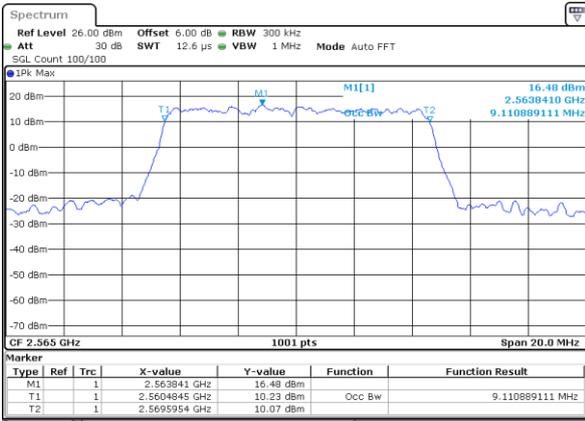
Date: 8 AUG 2019 17:02:38

Middle Channel / 10MHz / 16QAM



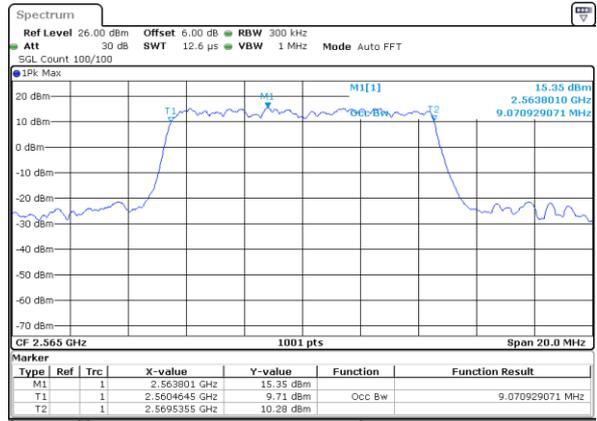
Date: 8 AUG 2019 17:02:18

Highest Channel / 10MHz / QPSK



Date: 8 AUG 2019 17:02:58

Highest Channel / 10MHz / 16QAM

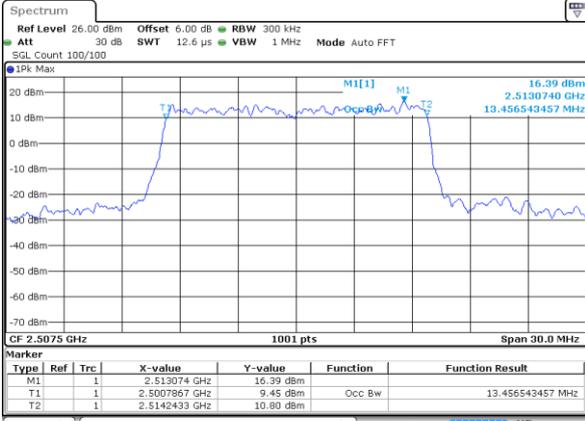


Date: 8 AUG 2019 17:03:18



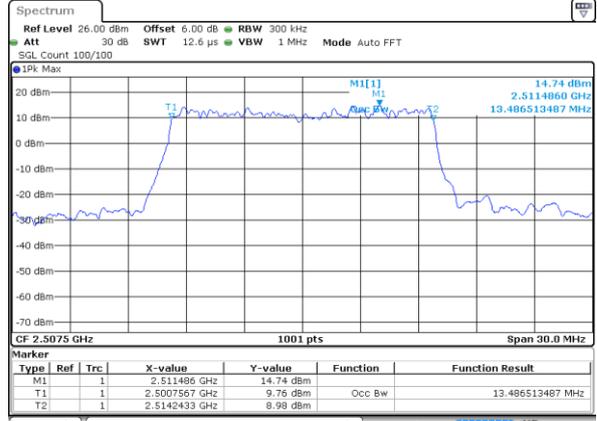
LTE Band 7

Lowest Channel / 15MHz / QPSK



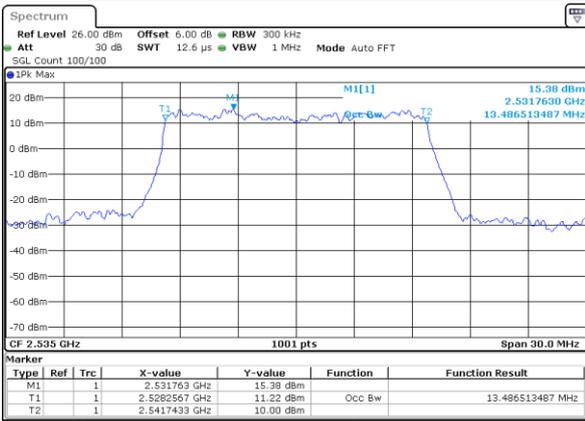
Date: 8 AUG 2019 17:09:20

Lowest Channel / 15MHz / 16QAM



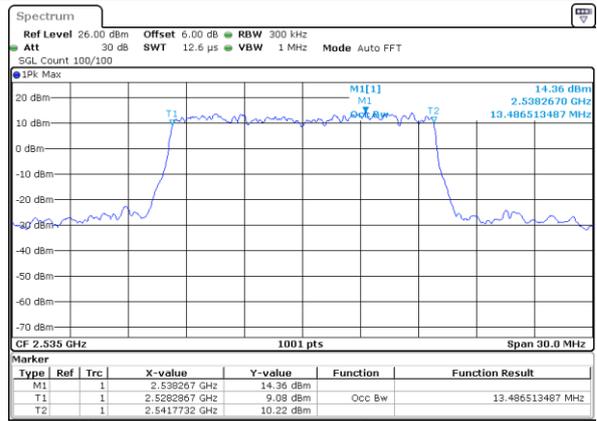
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Middle Channel / 15MHz / QPSK



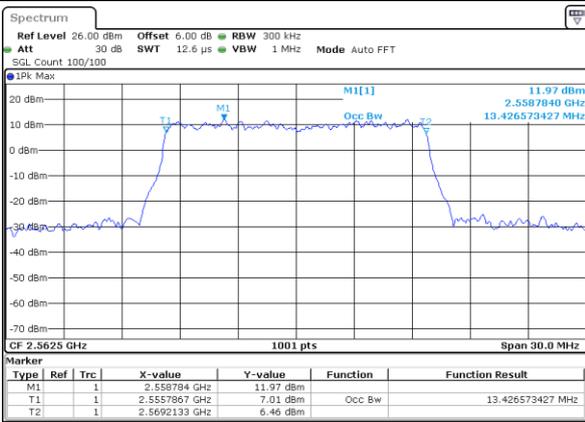
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Middle Channel / 15MHz / 16QAM



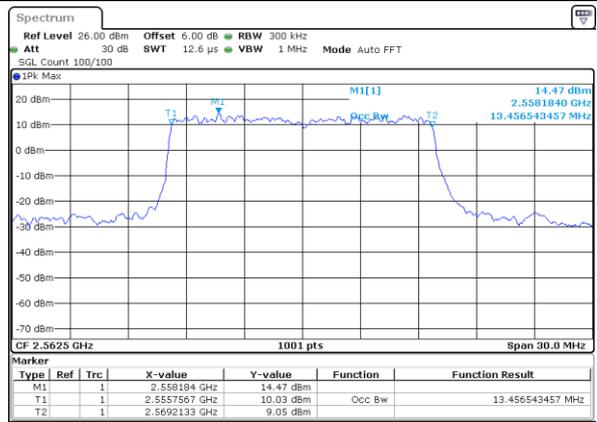
Date: 8 AUG 2019 17:09:59

Highest Channel / 15MHz / QPSK



Date: 8 AUG 2019 17:10:39

Highest Channel / 15MHz / 16QAM

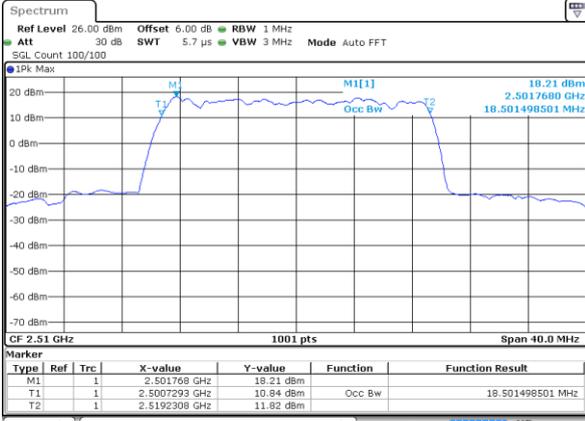


Date: 8 AUG 2019 17:10:19



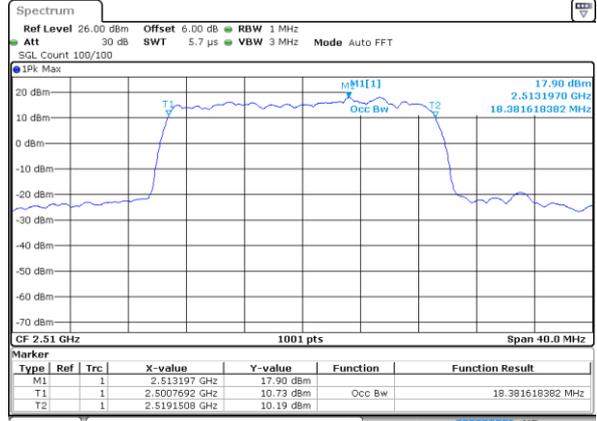
LTE Band 7

Lowest Channel / 20MHz / QPSK



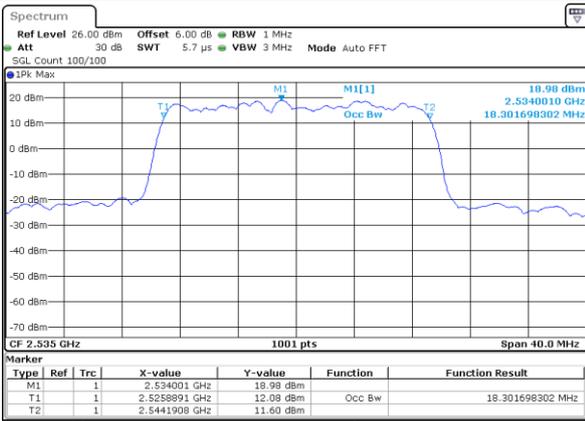
Date: 8 AUG 2019 17:16:42

Lowest Channel / 20MHz / 16QAM



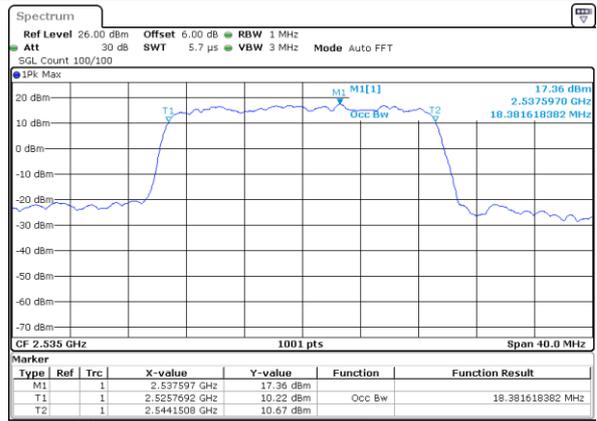
Date: 8 AUG 2019 17:16:22

Middle Channel / 20MHz / QPSK



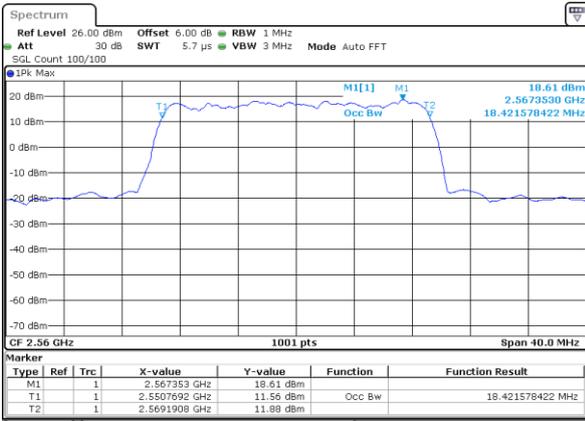
Date: 8 AUG 2019 17:17:01

Middle Channel / 20MHz / 16QAM



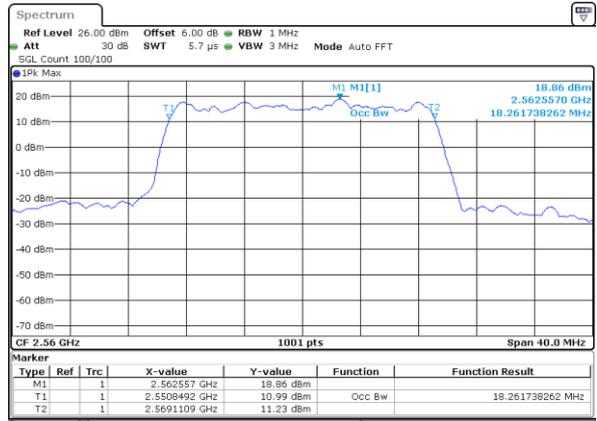
Date: 8 AUG 2019 17:17:21

Highest Channel / 20MHz / QPSK



Date: 8 AUG 2019 17:18:01

Highest Channel / 20MHz / 16QAM

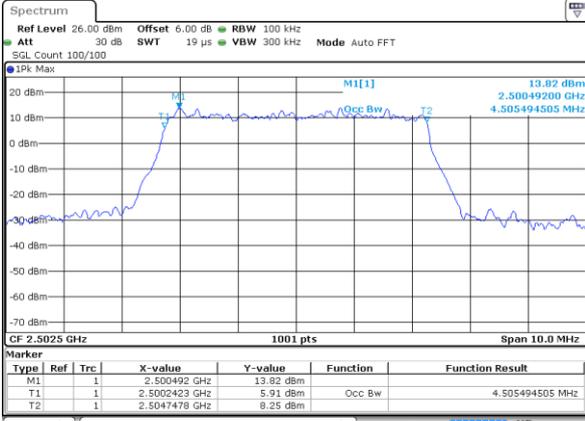


Date: 8 AUG 2019 17:17:41



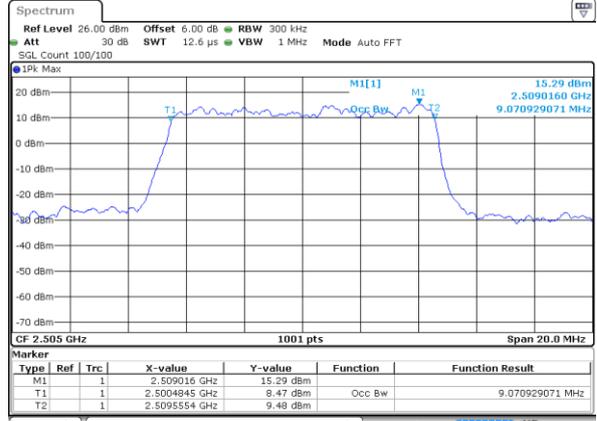
LTE Band 7

Lowest Channel / 5MHz / 64QAM



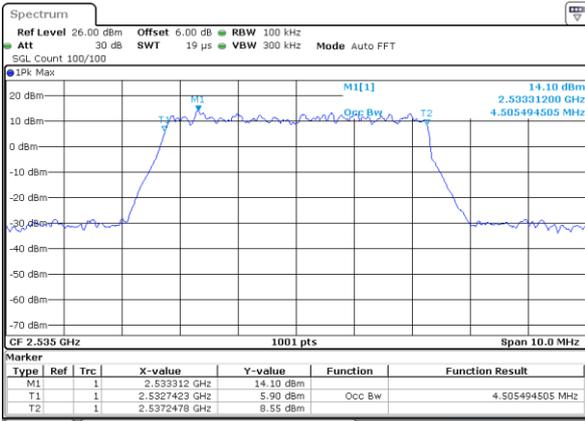
Date: 8 AUG 2019 17:27:22

Lowest Channel / 10MHz / 64QAM



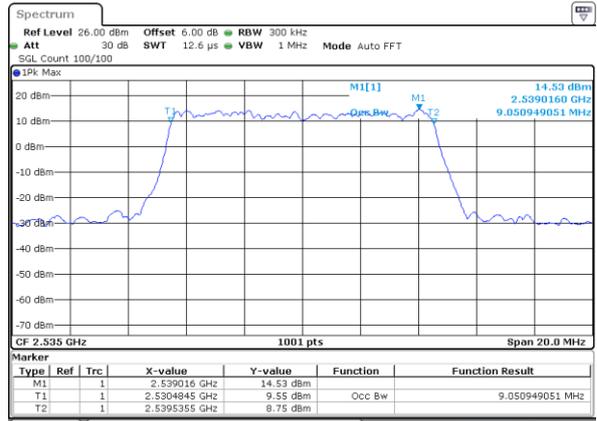
Date: 8 AUG 2019 17:31:03

Middle Channel / 5MHz / 64QAM



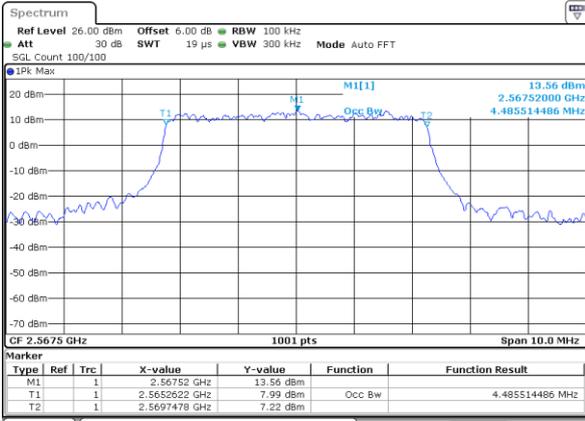
Date: 8 AUG 2019 17:27:32

Middle Channel / 10MHz / 64QAM



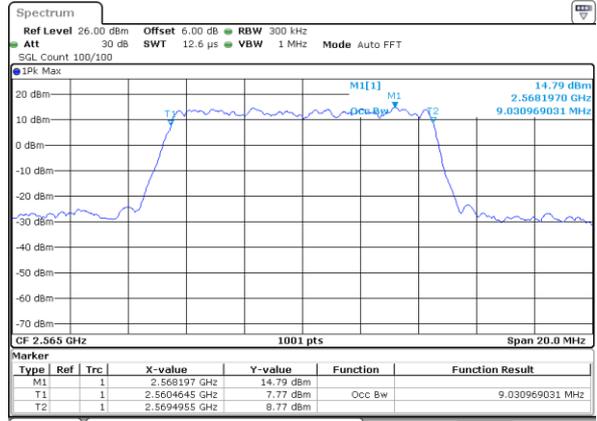
Date: 8 AUG 2019 17:31:13

Highest Channel / 5MHz / 64QAM



Date: 8 AUG 2019 17:27:42

Highest Channel / 10MHz / 64QAM

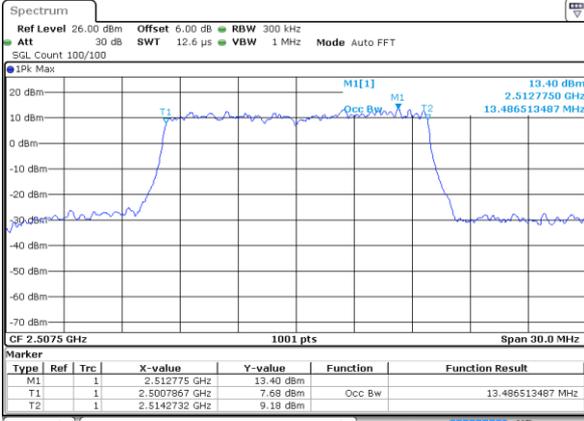


Date: 8 AUG 2019 17:31:23



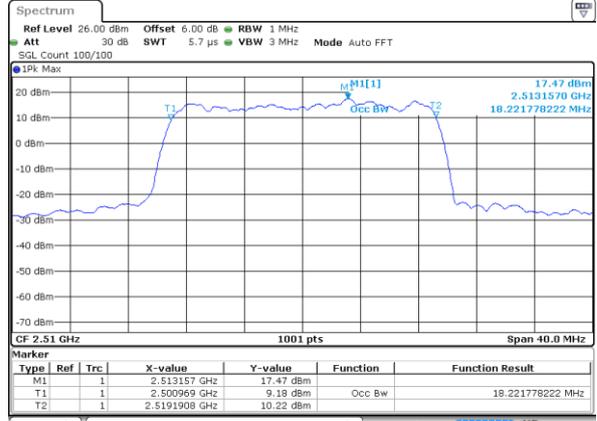
LTE Band 7

Lowest Channel / 15MHz / 64QAM



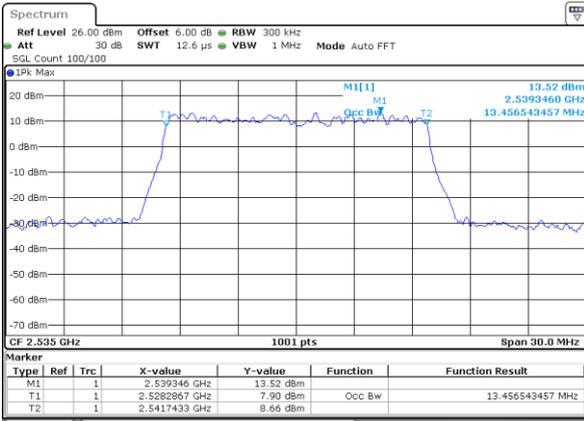
Date: 8 AUG 2019 17:34:44

Lowest Channel / 20MHz / 64QAM



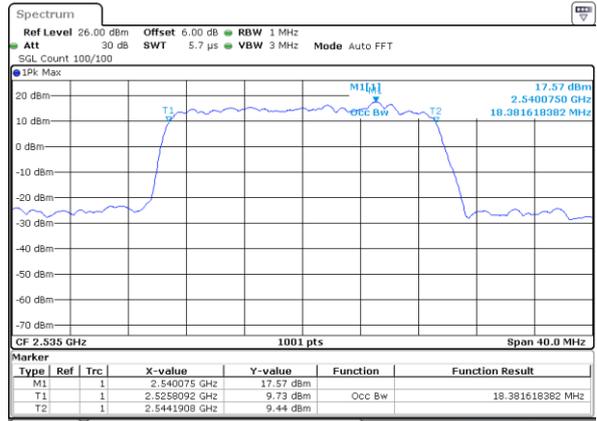
Date: 8 AUG 2019 17:38:25

Middle Channel / 15MHz / 64QAM



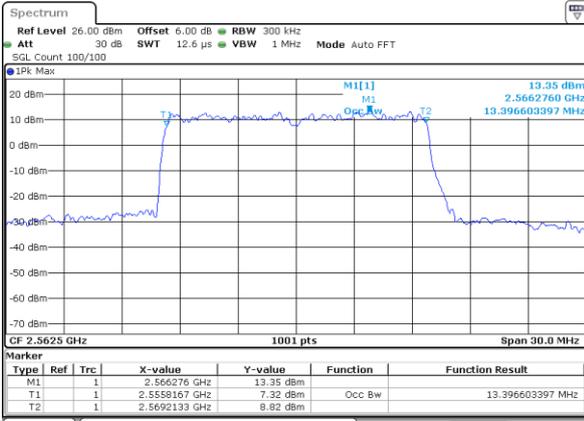
Date: 8 AUG 2019 17:34:54

Middle Channel / 20MHz / 64QAM



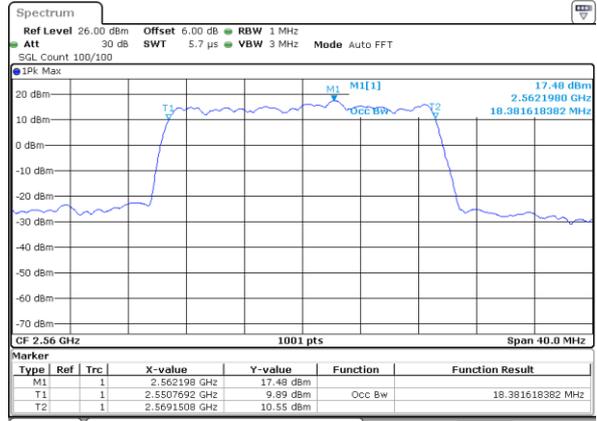
Date: 8 AUG 2019 17:38:35

Highest Channel / 15MHz / 64QAM



Date: 8 AUG 2019 17:35:04

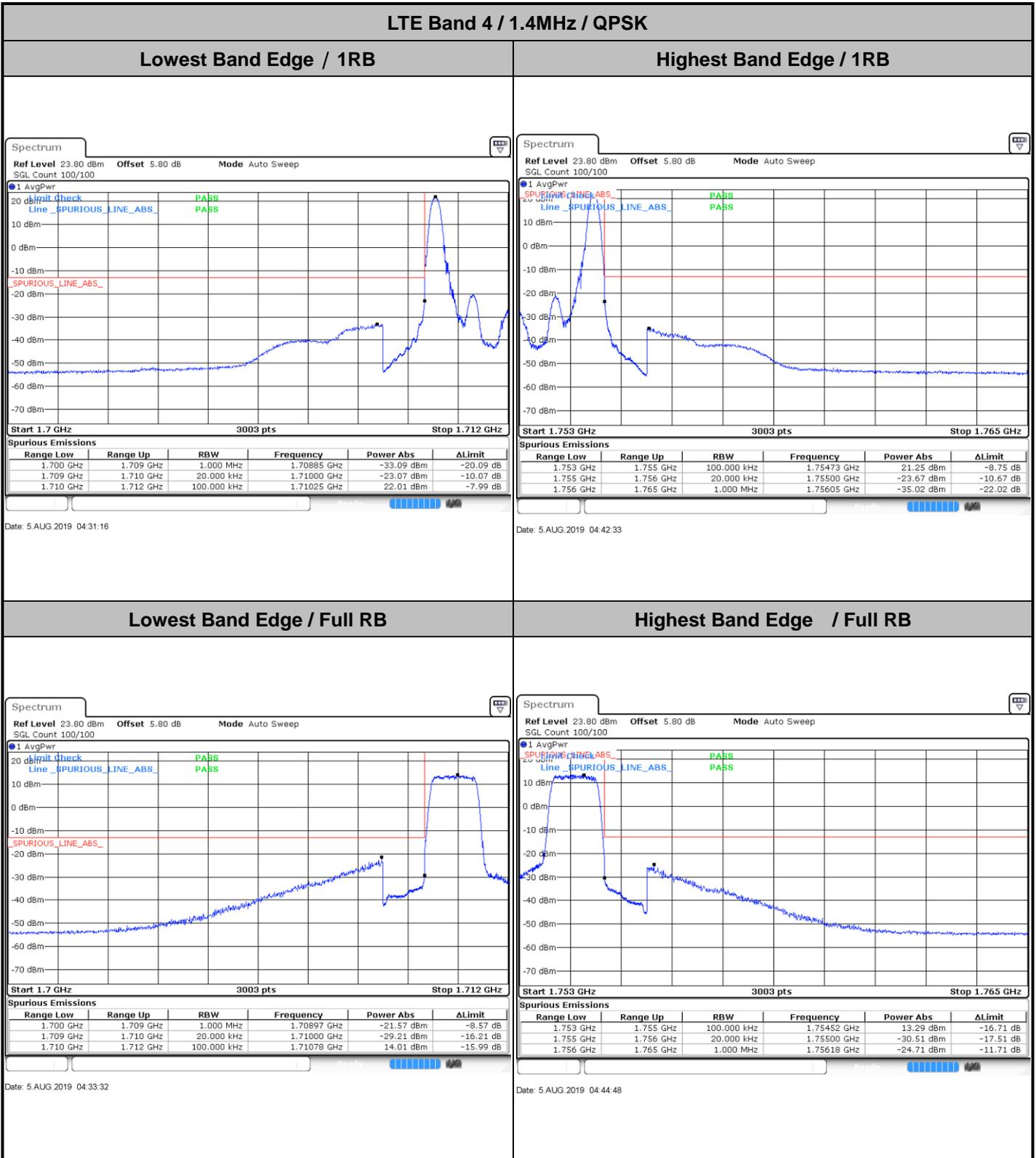
Highest Channel / 20MHz / 64QAM



Date: 8 AUG 2019 17:38:45



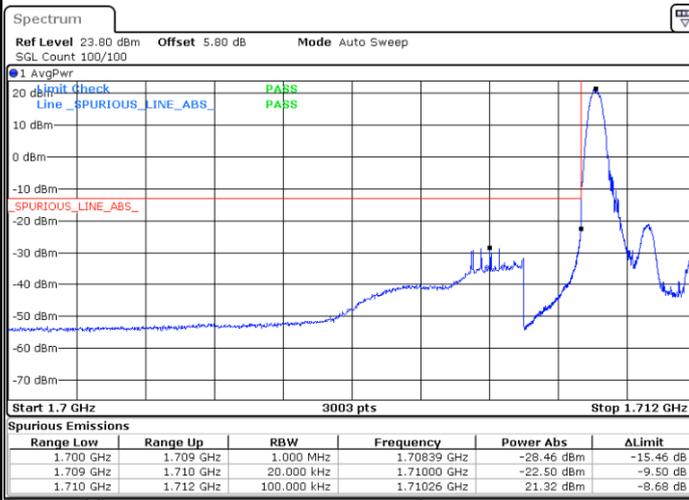
Conducted Band Edge





LTE Band 4 / 1.4MHz / 16QAM

Lowest Band Edge / 1 RB



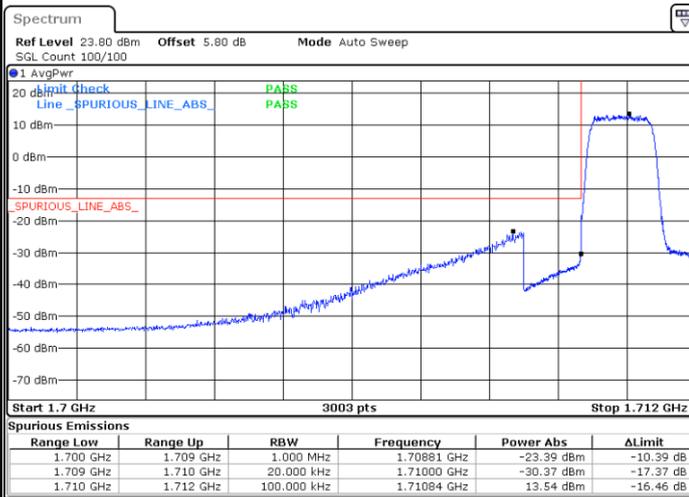
Date: 5 AUG 2019 04:32:24

Highest Band Edge / 1 RB



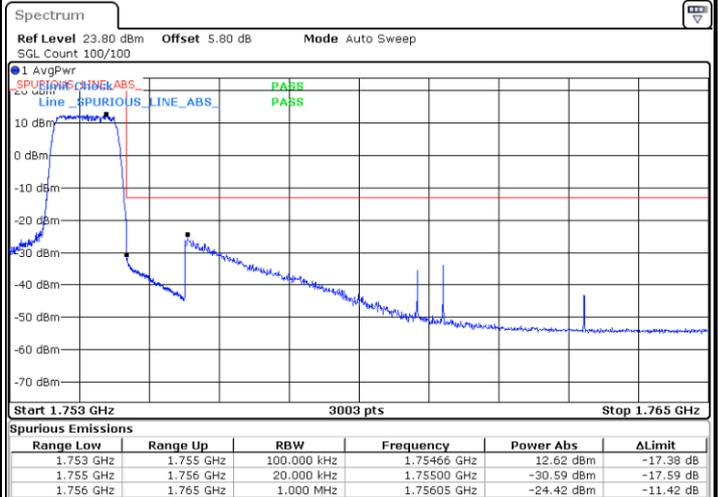
Date: 5 AUG 2019 04:43:41

Lowest Band Edge / Full RB



Date: 5 AUG 2019 04:34:39

Highest Band Edge / Full RB



Date: 5 AUG 2019 04:45:56



LTE Band 4 / 1.4MHz / 64QAM

Lowest Band Edge / 1 RB



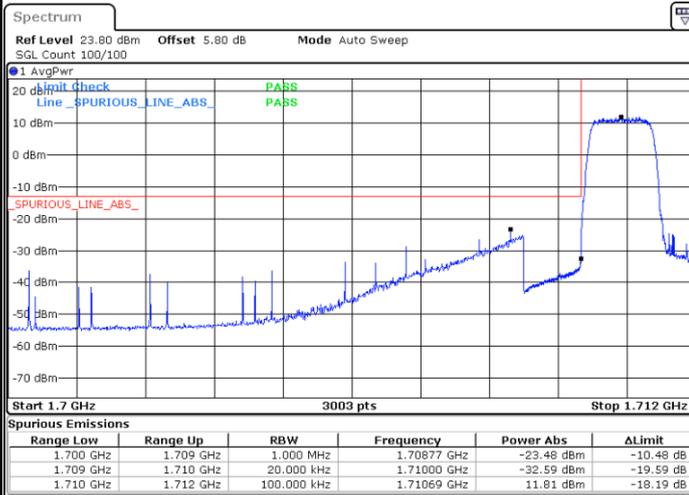
Date: 5 AUG.2019 06:13:25

Highest Band Edge / 1 RB



Date: 5 AUG.2019 06:18:10

Lowest Band Edge / Full RB



Date: 5 AUG.2019 06:14:33

Highest Band Edge / Full RB

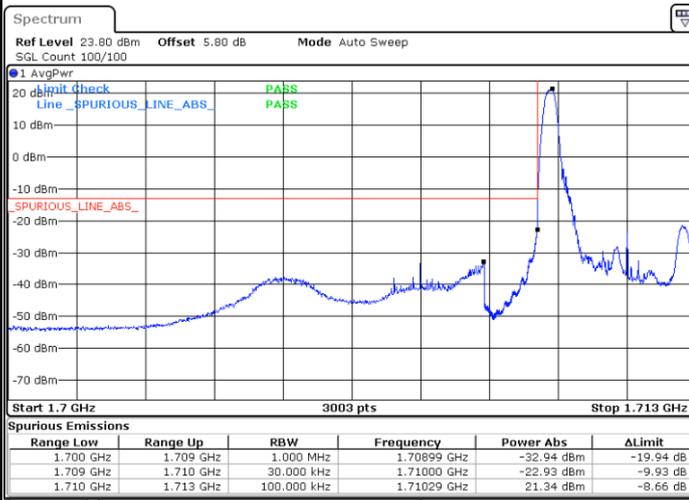


Date: 5 AUG.2019 06:19:18



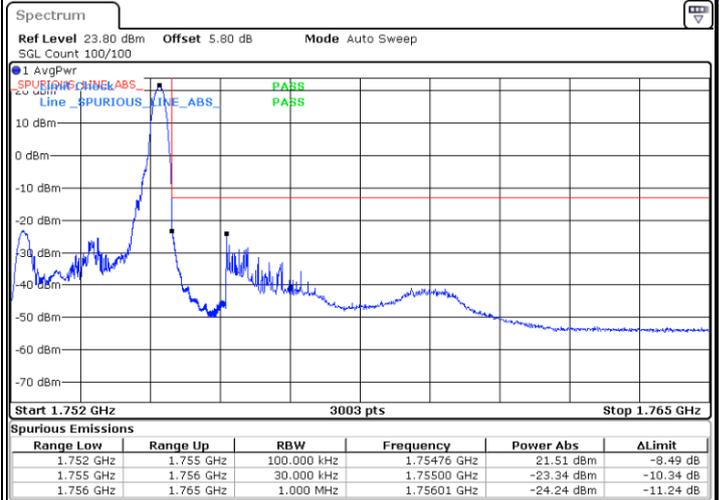
LTE Band 4 / 3MHz / QPSK

Lowest Band Edge / 1RB



Date: 5 AUG 2019 04:49:33

Highest Band Edge / 1 RB



Date: 5 AUG 2019 04:59:03

Lowest Band Edge / Full RB



Date: 5 AUG 2019 04:51:48

Highest Band Edge / Full RB

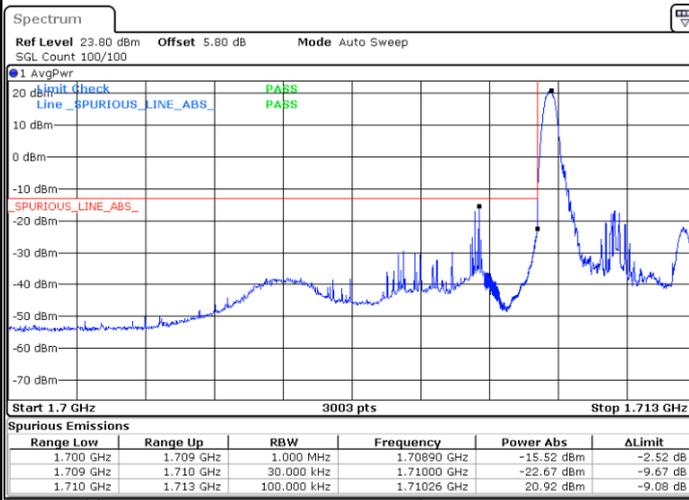


Date: 5 AUG 2019 05:01:18



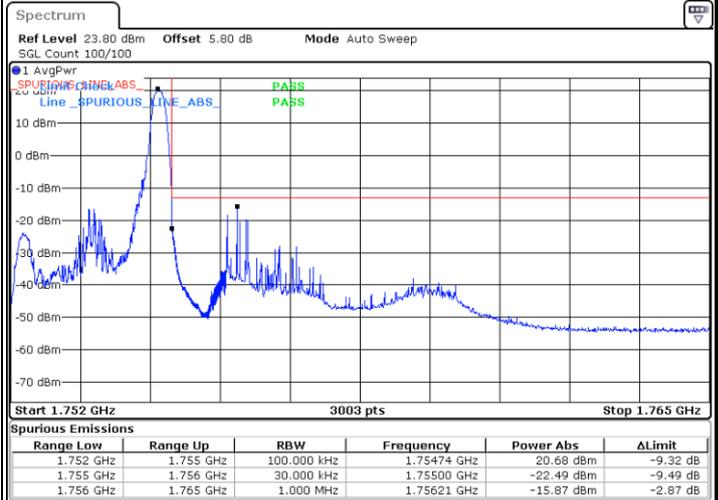
LTE Band 4 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



Date: 5 AUG.2019 04:50:40

Highest Band Edge / 1 RB



Date: 5 AUG.2019 05:00:10

Lowest Band Edge / Full RB



Date: 5 AUG.2019 04:52:55

Highest Band Edge / Full RB

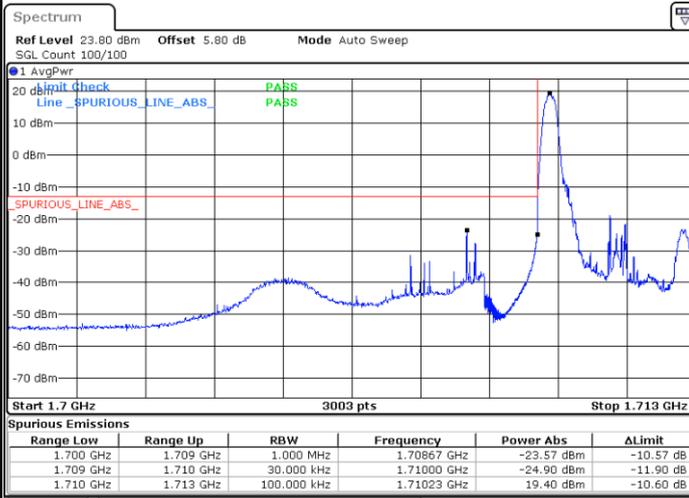


Date: 5 AUG.2019 05:02:25



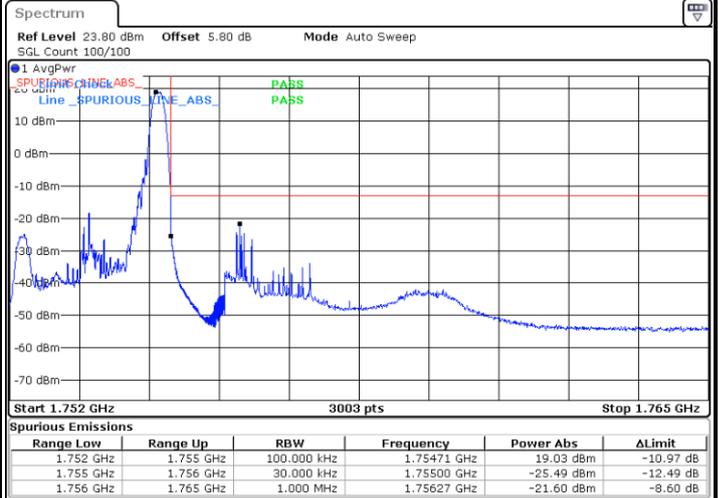
LTE Band 4 / 3MHz / 64QAM

Lowest Band Edge / 1 RB



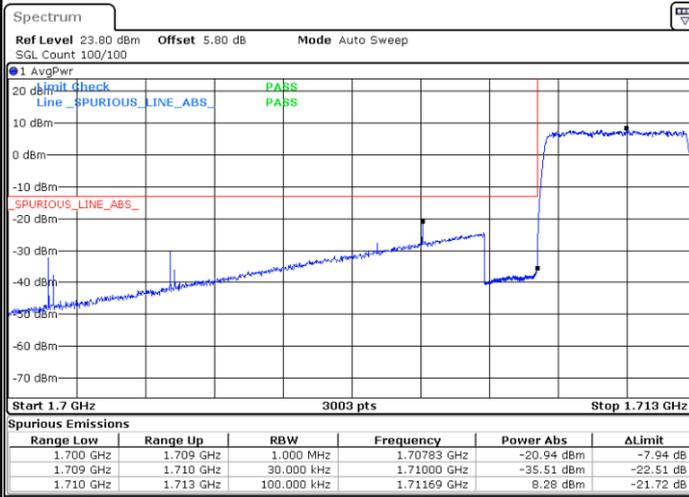
Date: 5 AUG.2019 06:21:40

Highest Band Edge / 1 RB



Date: 5 AUG.2019 06:26:25

Lowest Band Edge / Full RB



Date: 5 AUG.2019 06:22:48

Highest Band Edge / Full RB



Date: 5 AUG.2019 06:27:33