



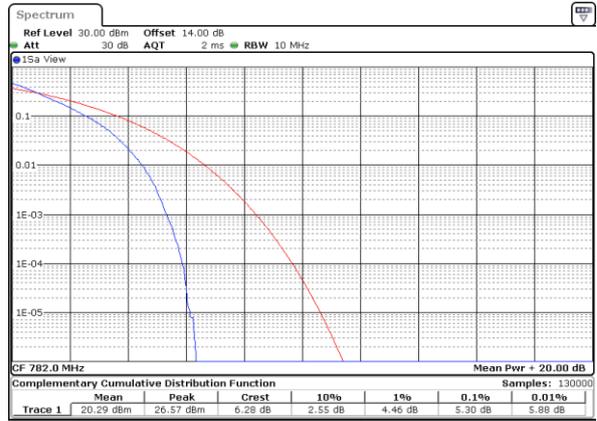
LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB



Date: 29 JAN 2019 09:36:56

Middle Channel / Full RB



Date: 29 JAN 2019 09:37:06

LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB



Date: 29 JAN 2019 09:36:36

Middle Channel / Full RB



Date: 29 JAN 2019 09:36:47

LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



Date: 23 FEB 2019 13:09:37

Middle Channel / Full RB

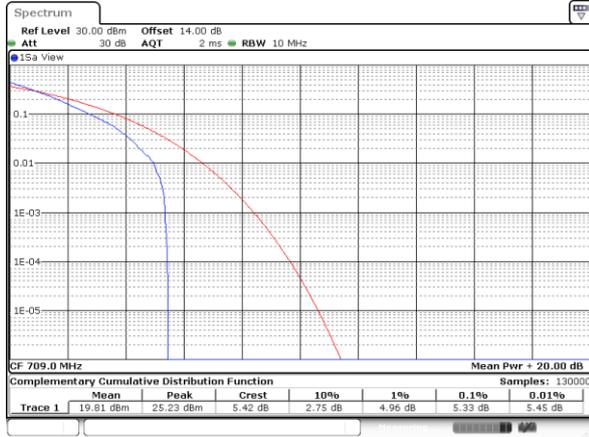


Date: 23 FEB 2019 13:09:47



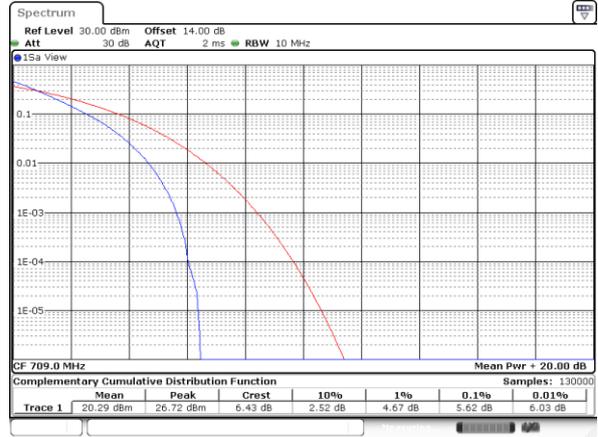
LTE Band 17 / 10MHz / QPSK

Lowest Channel / 1RB



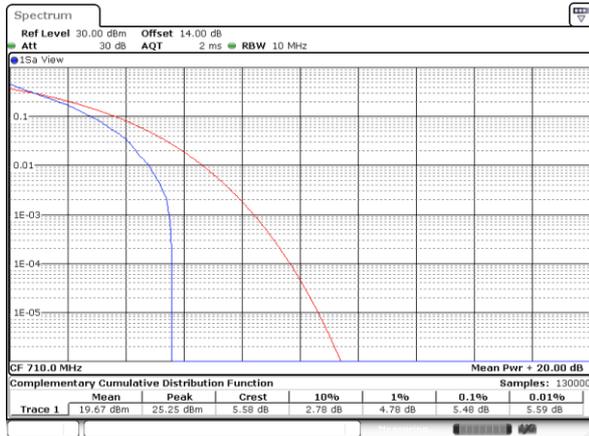
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Lowest Channel / Full RB



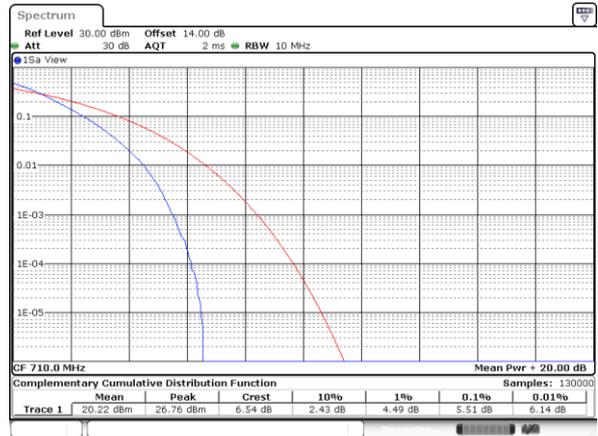
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Middle Channel / 1RB



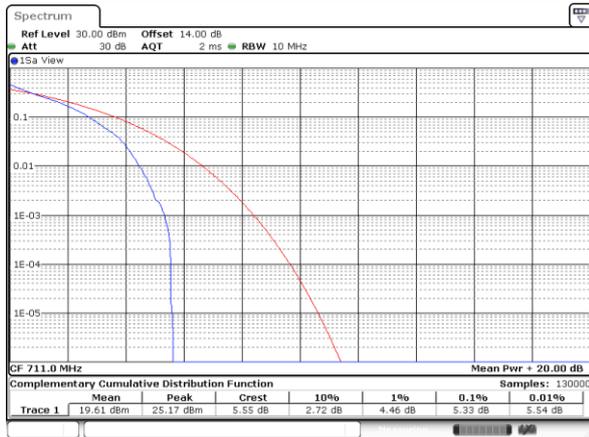
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Middle Channel / Full RB



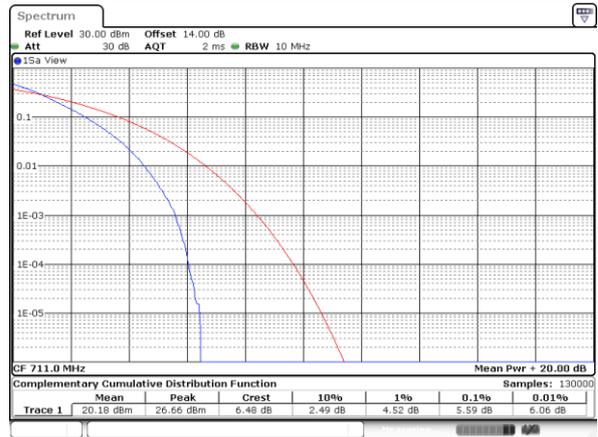
Date: 23_JAN_2019 16:38:29

Highest Channel / 1RB



Date: 23_JAN_2019 16:39:03

Highest Channel / Full RB

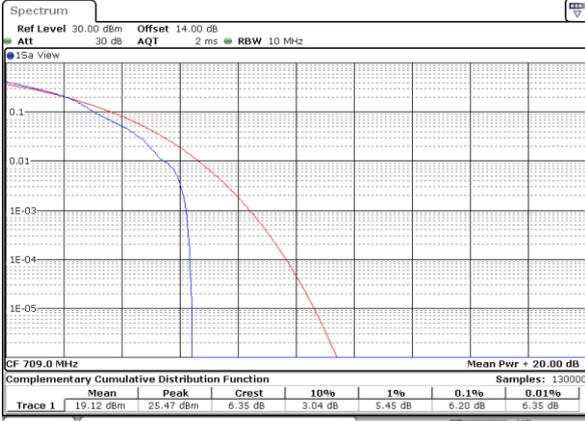


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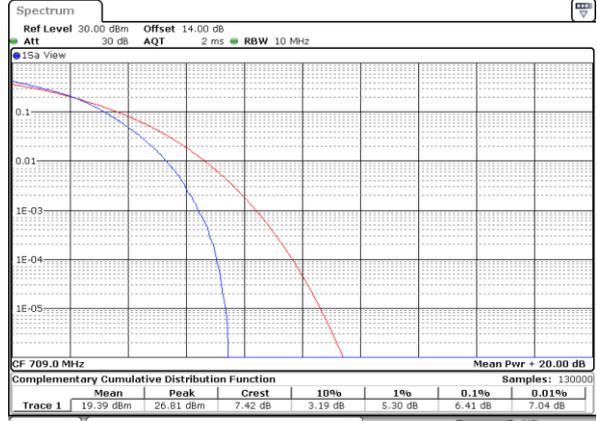
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



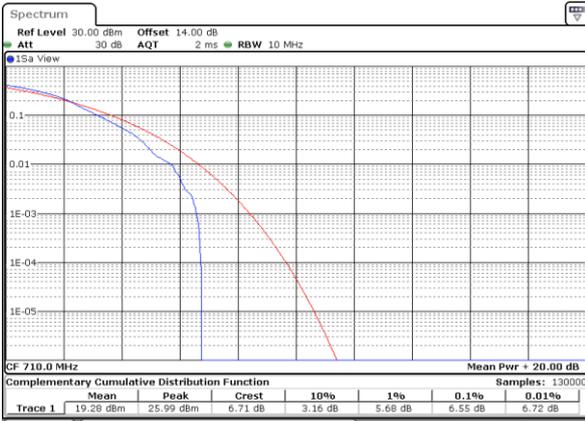
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Lowest Channel / Full RB



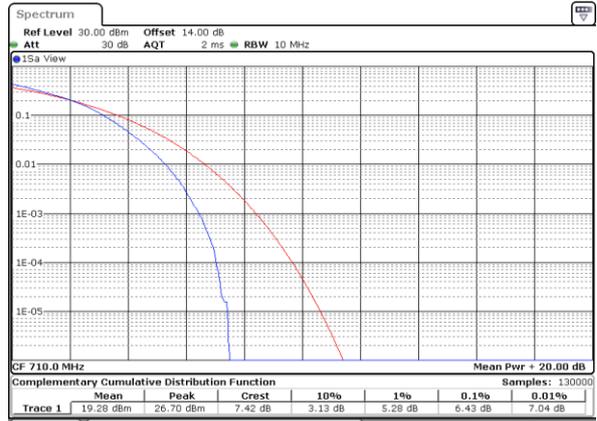
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Middle Channel/ 1RB



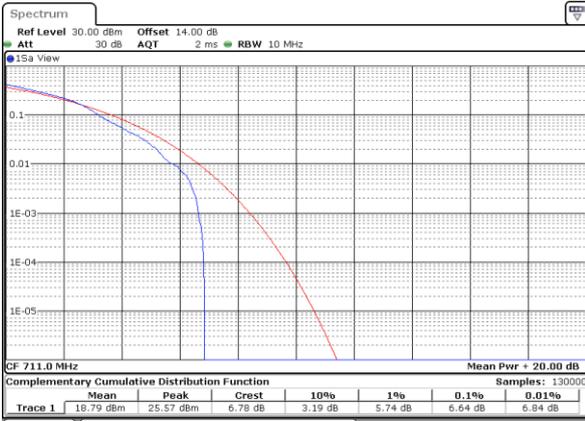
Date: 23_JAN.2019 16:33:25

Middle Channel / Full RB



Date: 23_JAN.2019 16:33:36

Highest Channel/ 1RB



Date: 23_JAN.2019 16:33:47

Highest Channel / Full RB

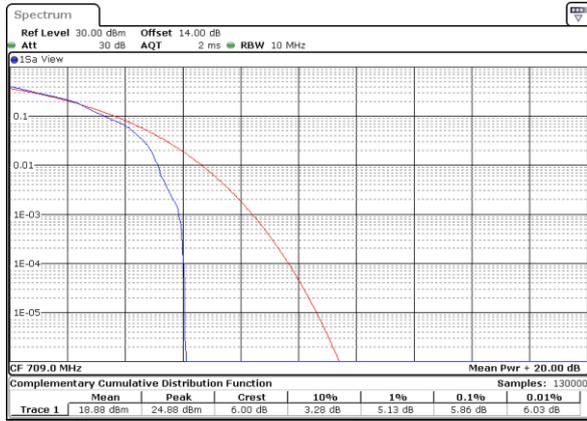


Date: 23_JAN.2019 16:33:57



LTE Band 17 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 23 FEB 2019 14:04:43

Lowest Channel / Full RB



Date: 23 FEB 2019 14:04:55

Middle Channel / 1RB



Date: 23 FEB 2019 14:05:04

Middle Channel / Full RB



Date: 23 FEB 2019 14:05:13

Highest Channel / 1RB



Date: 23 FEB 2019 14:05:22

Highest Channel / Full RB



Date: 23 FEB 2019 14:05:31



26dB Bandwidth

Mode		LTE Band 2 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.276	1.267	2.979	2.979	4.885	4.825	9.67	9.71	14.326	14.296	20.18	20.46
Middle CH	1.278	1.217	2.949	2.943	4.845	4.905	9.85	9.81	14.356	14.266	20.26	20.1
Highest CH	1.262	1.264	2.979	2.973	4.815	4.845	9.65	9.67	14.116	14.296	20.18	20.18

Mode		LTE Band 2 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.284		2.925		4.795		9.65		14.505		20.22	
Middle CH	1.29		2.943		4.785		9.69		14.416		20.3	
Highest CH	1.276		2.961		4.875		9.83		14.206		19.98	

Mode		LTE Band 4 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.259	1.278	2.973	2.943	4.875	4.925	9.65	9.73	14.416	14.176	20.3	20.34
Middle CH	1.278	1.315	2.943	2.991	4.845	4.815	9.77	9.81	14.146	14.356	20.26	20.18
Highest CH	1.27	1.273	2.949	2.949	4.905	4.835	9.69	9.85	14.206	14.296	20.26	20.18

Mode		LTE Band 4 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.281		2.937		4.805		9.75		14.476		20.26	
Middle CH	1.276		2.949		4.785		9.75		14.146		20.1	
Highest CH	1.276		2.967		4.855		9.65		14.296		20.18	

Mode		LTE Band 5 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		1.4M	3M	5M	10M
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.292	1.276	2.955	2.955	4.855	4.865	9.79	9.75	1.27	2.943	4.905	9.69
Middle CH	1.281	1.298	2.973	2.925	4.815	4.825	9.69	9.67	1.256	2.979	4.775	9.71
Highest CH	1.276	1.295	2.961	2.925	4.885	4.825	9.73	9.67	1.298	2.967	4.825	9.75



Mode		LTE Band 7 : 26dB BW(MHz)										
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM				
Lowest CH	4.885	4.835	9.79	9.77	14.236	14.505	20.18	20.18				
Middle CH	4.885	4.875	9.65	9.69	14.236	14.416	20.06	20.14				
Highest CH	4.845	4.815	9.69	9.71	14.476	14.356	20.14	20.26				

Mode		LTE Band 7 : 26dB BW(MHz)										
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	4.745		9.71		14.446		20.18					
Middle CH	4.825		9.75		14.386		20.14					
Highest CH	4.905		9.67		14.476		20.1					

Mode		LTE Band 12 : 26dB BW(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	1.245	1.262	2.949	2.961	5.205	5.045	10.11	9.75	1.278	2.919	5.035	9.65
Middle CH	1.281	1.276	2.949	2.955	5.025	5.175	9.81	9.99	1.284	2.931	4.925	10.27
Highest CH	1.273	1.262	2.973	2.961	5.095	5.095	9.83	10.07	1.245	2.925	4.945	9.75

Mode		LTE Band 13 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.105	4.985	-	-	-	-	-	-
Middle CH	-	-	-	-	5.085	5.015	9.95	9.81	-	-	-	-
Highest CH	-	-	-	-	5.035	5.105	-	-	-	-	-	-

Mode		LTE Band 13 : 26dB BW(MHz)										
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-	-	-	-	4.955	-	-	-	-	-	-	-
Middle CH	-	-	-	-	4.945	-	9.81	-	-	-	-	-
Highest CH	-	-	-	-	4.955	-	-	-	-	-	-	-

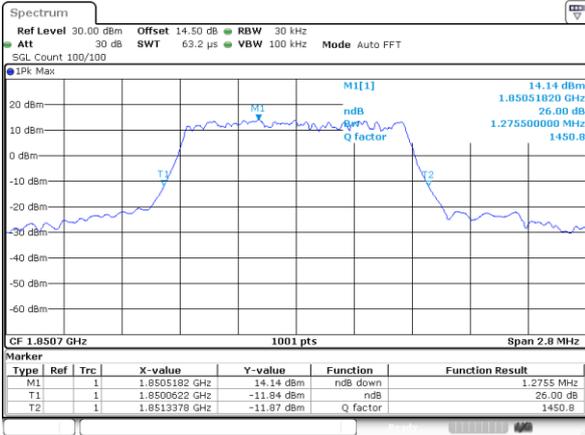


Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	5.255	4.985	9.85	10.09	-	-	-	-
Middle CH	-	-	-	-	4.935	4.935	9.69	10.25	-	-	-	-
Highest CH	-	-	-	-	5.015	5.065	9.89	9.87	-	-	-	-
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		5.035		9.81		-		-	
Middle CH	-		-		5.005		10.01		-		-	
Highest CH	-		-		5.065		10.11		-		-	



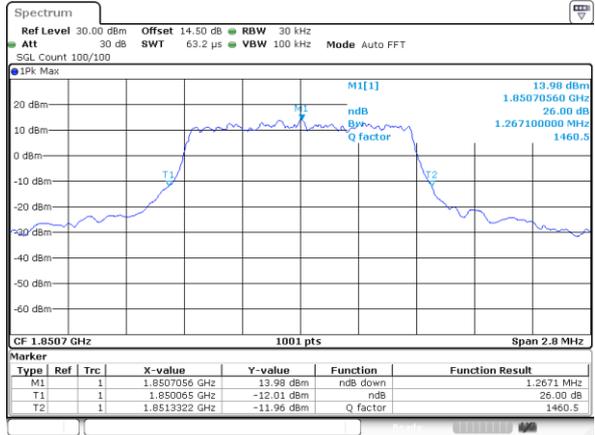
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



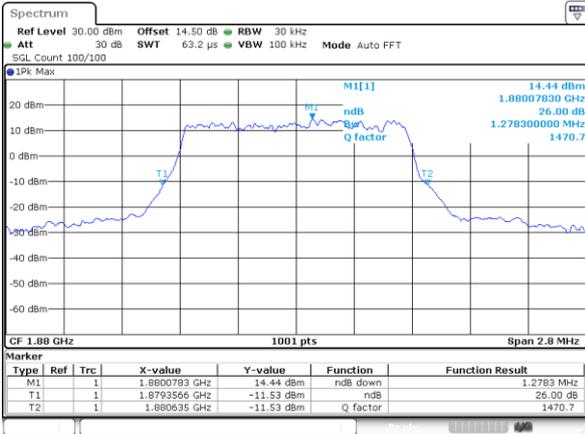
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Lowest Channel / 1.4MHz / 16QAM



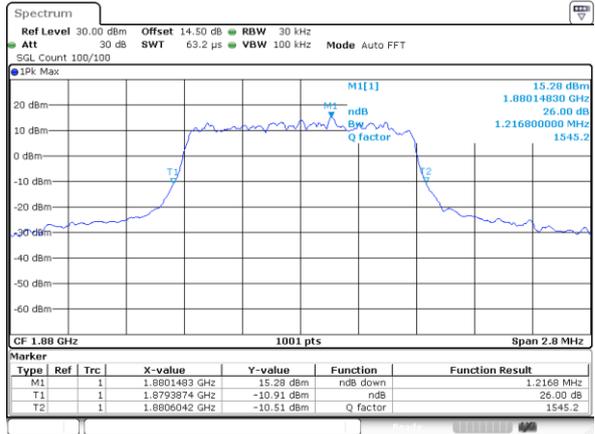
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Middle Channel / 1.4MHz / QPSK



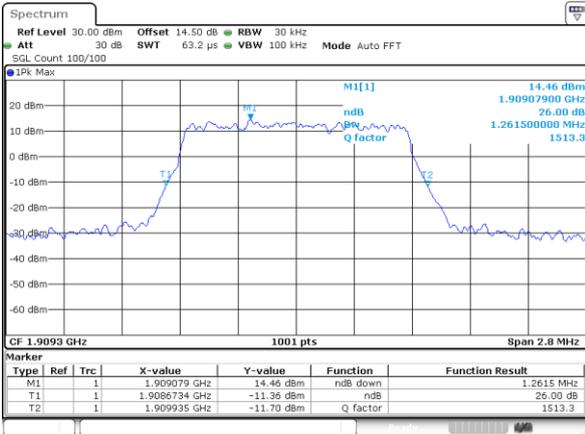
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Middle Channel / 1.4MHz / 16QAM



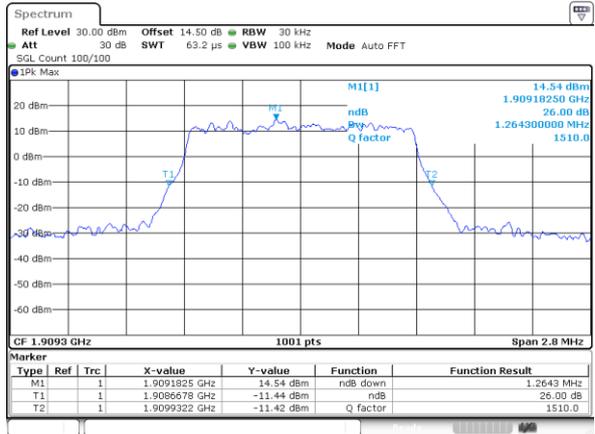
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Highest Channel / 1.4MHz / QPSK



Date: 22_JAN_2019 20:42:52

Highest Channel / 1.4MHz / 16QAM

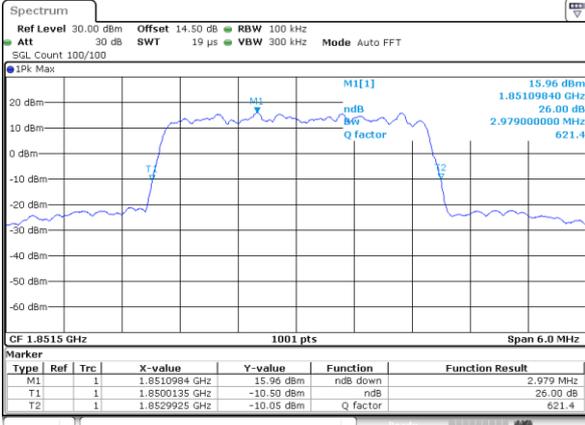


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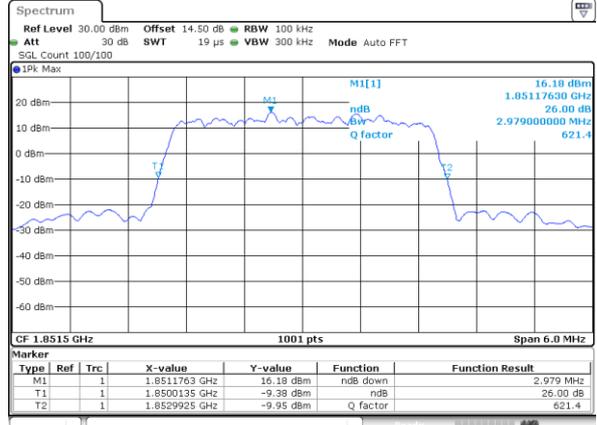
LTE Band 2

Lowest Channel / 3MHz / QPSK



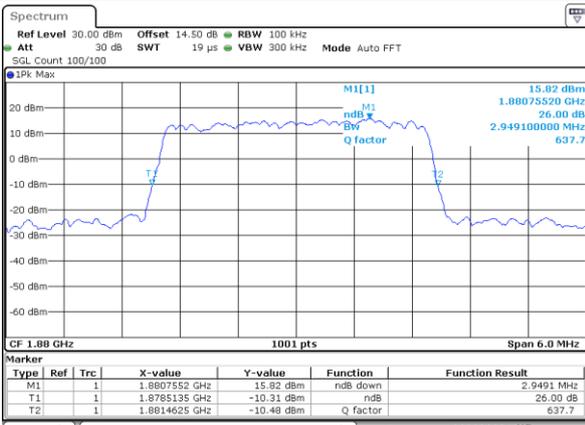
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Lowest Channel / 3MHz / 16QAM



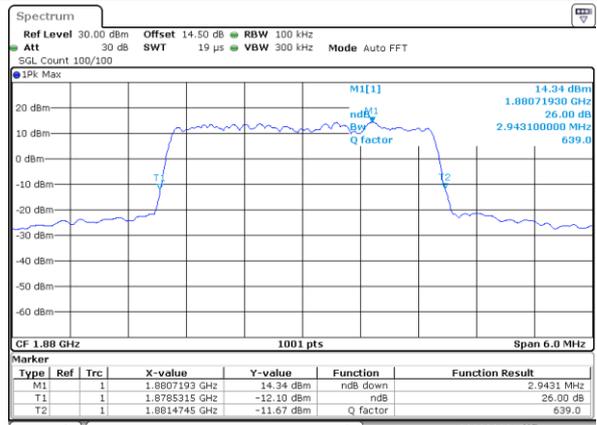
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Middle Channel / 3MHz / QPSK



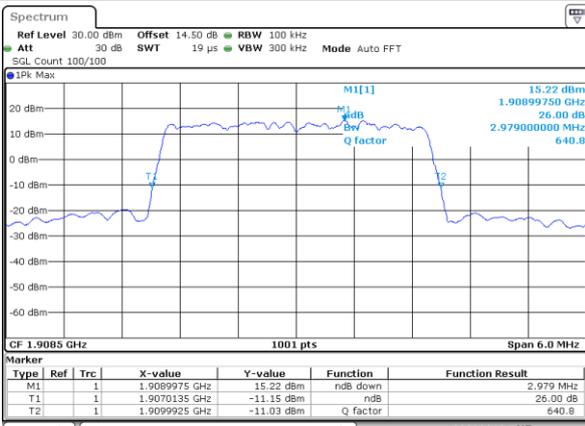
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Middle Channel / 3MHz / 16QAM



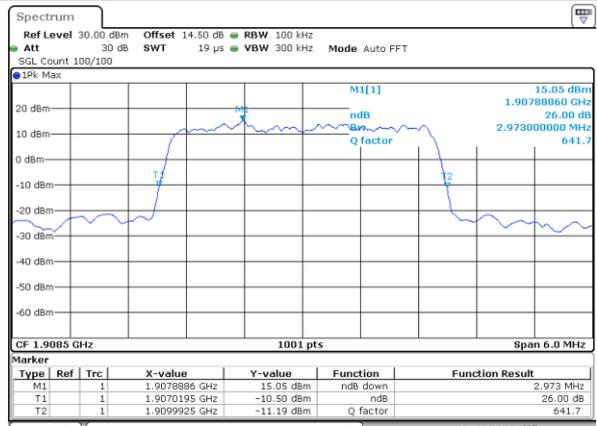
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Highest Channel / 3MHz / QPSK



Date: 22_JAN_2019 21:01:08

Highest Channel / 3MHz / 16QAM

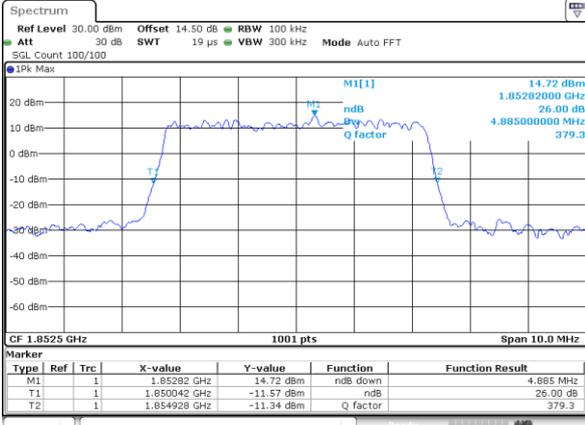


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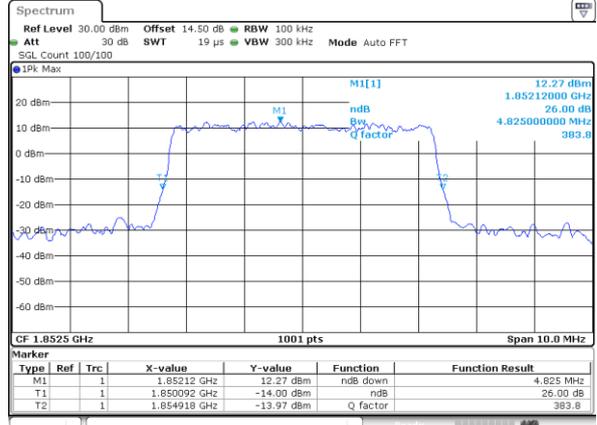
LTE Band 2

Lowest Channel / 5MHz / QPSK



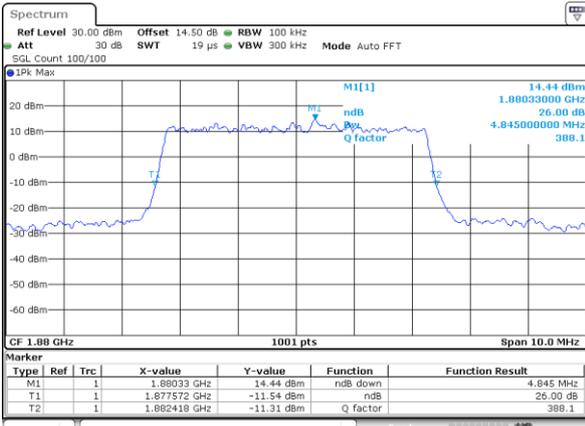
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Lowest Channel / 5MHz / 16QAM



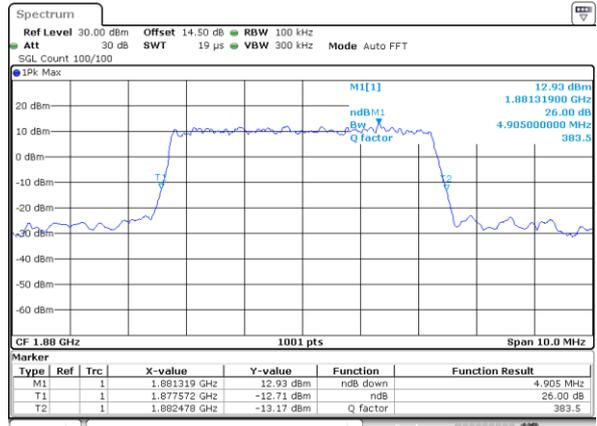
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Middle Channel / 5MHz / QPSK



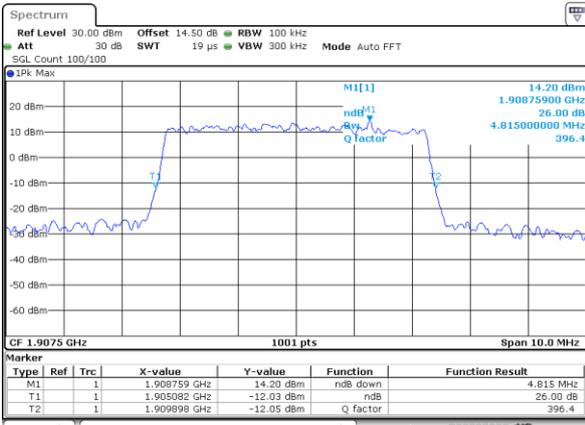
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Middle Channel / 5MHz / 16QAM



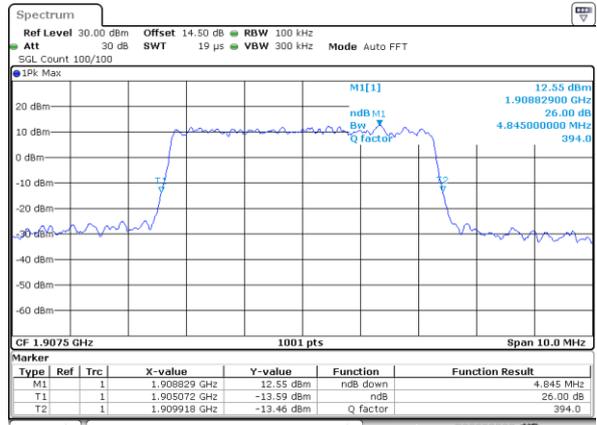
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Highest Channel / 5MHz / QPSK



Date: 22_JAN_2019 21:20:05

Highest Channel / 5MHz / 16QAM

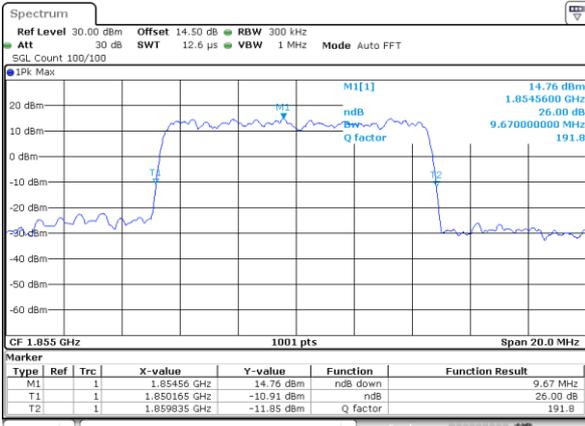


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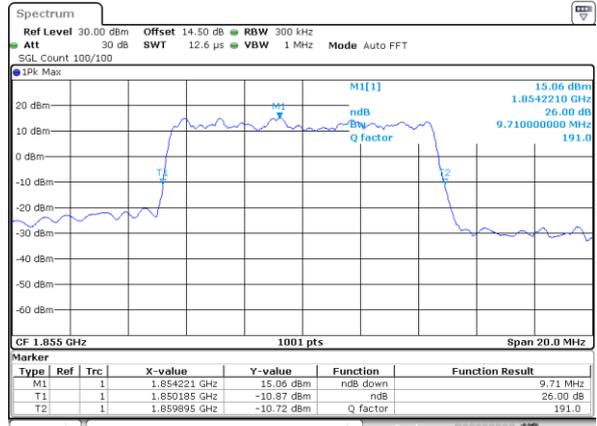
LTE Band 2

Lowest Channel / 10MHz / QPSK



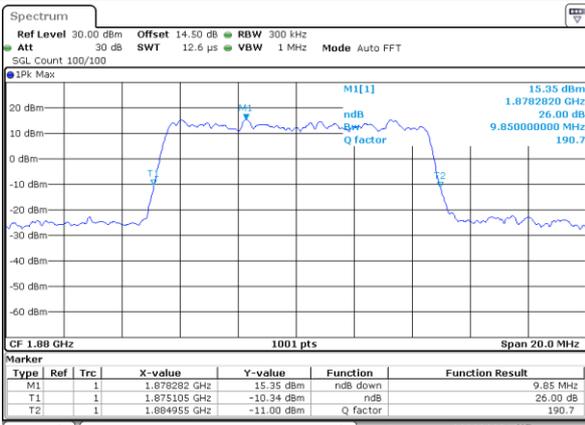
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Lowest Channel / 10MHz / 16QAM



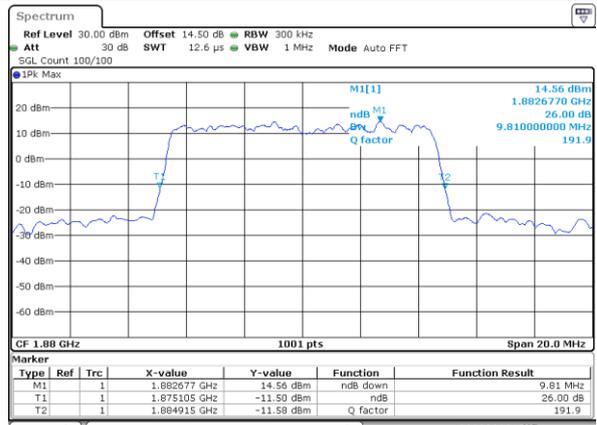
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Middle Channel / 10MHz / QPSK



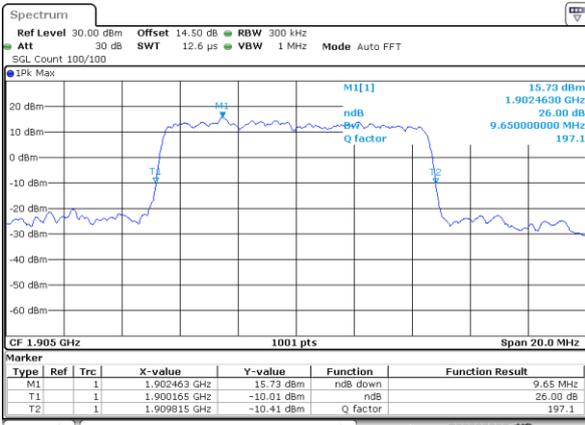
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Middle Channel / 10MHz / 16QAM



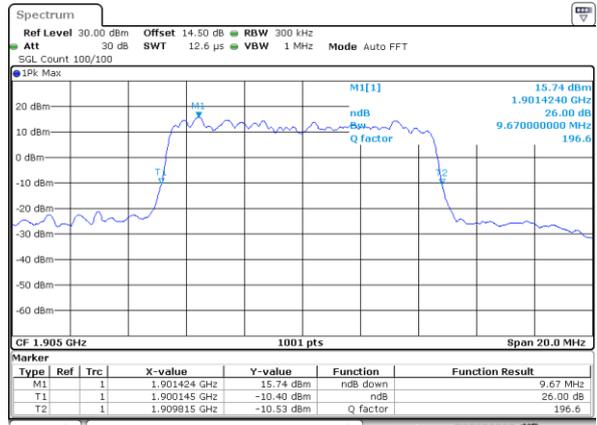
Date: 22_JAN_2019 21:35:02

Highest Channel / 10MHz / QPSK



Date: 22_JAN_2019 21:44:08

Highest Channel / 10MHz / 16QAM

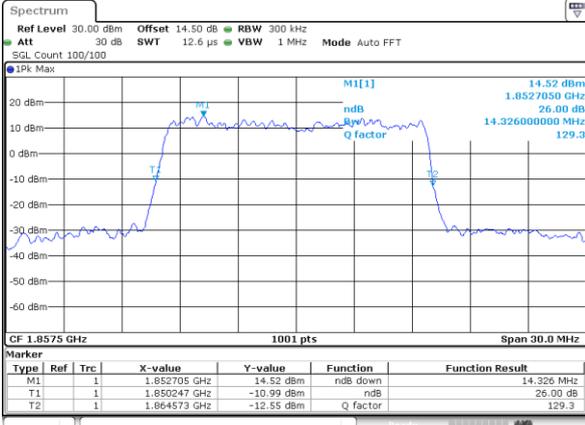


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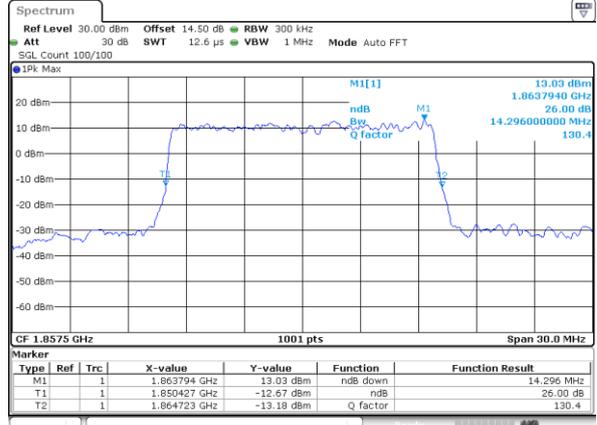
LTE Band 2

Lowest Channel / 15MHz / QPSK



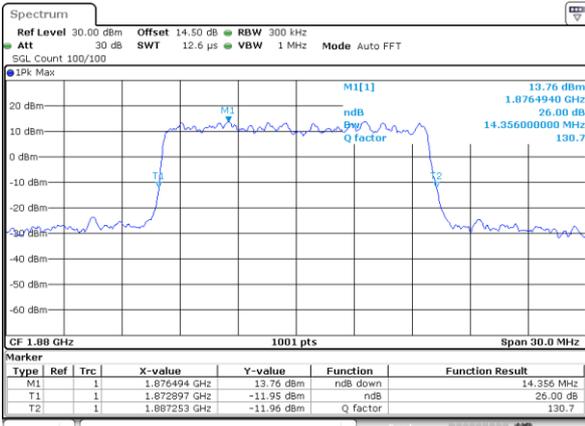
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Lowest Channel / 15MHz / 16QAM



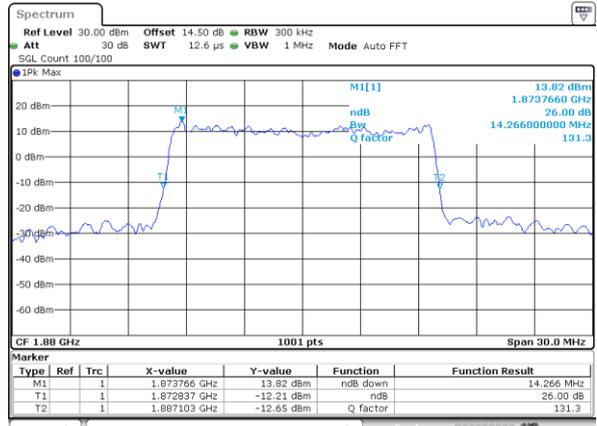
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Middle Channel / 15MHz / QPSK



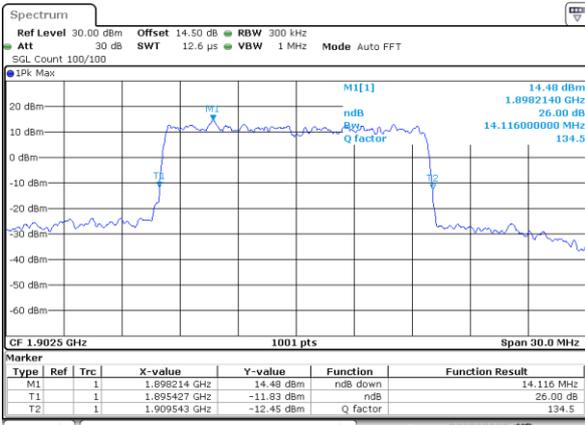
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Middle Channel / 15MHz / 16QAM



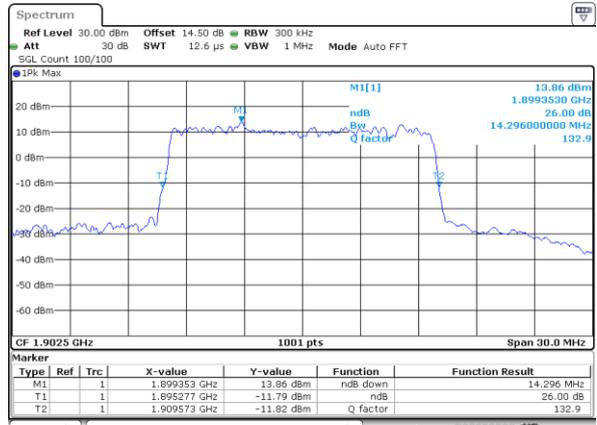
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Highest Channel / 15MHz / QPSK



Date: 22_JAN_2019 22:01:18

Highest Channel / 15MHz / 16QAM

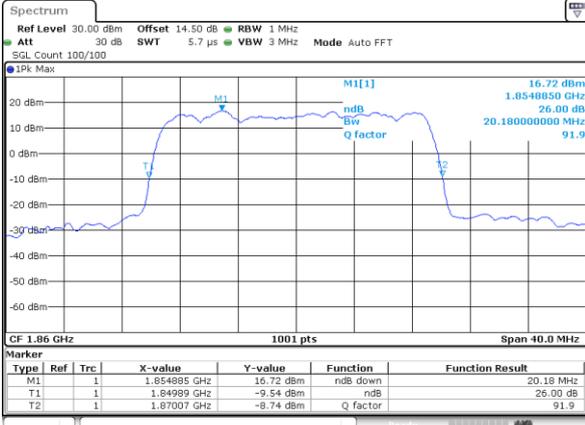


Date: 22_JAN_2019 22:01:28



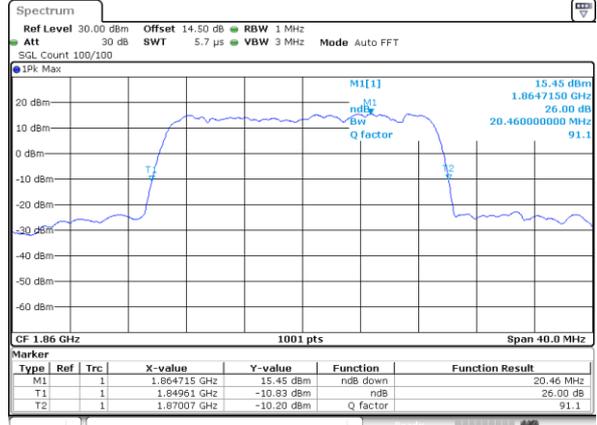
LTE Band 2

Lowest Channel / 20MHz / QPSK



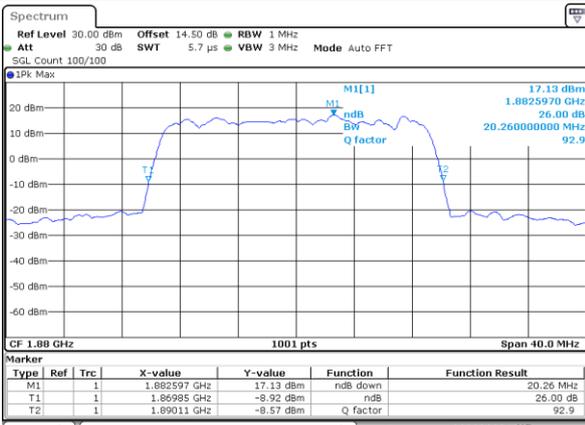
Date: 23_JAN_2019 13:34:43

Lowest Channel / 20MHz / 16QAM



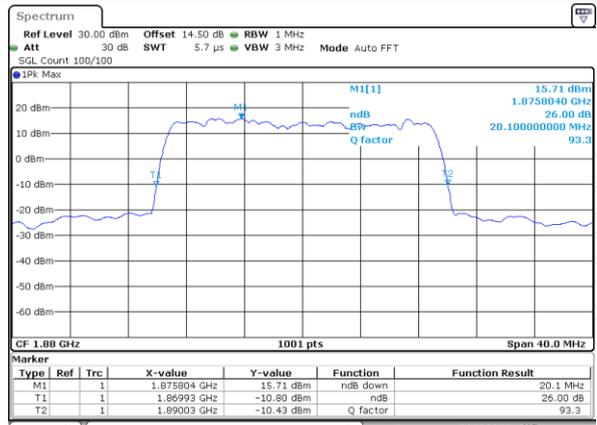
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Middle Channel / 20MHz / QPSK



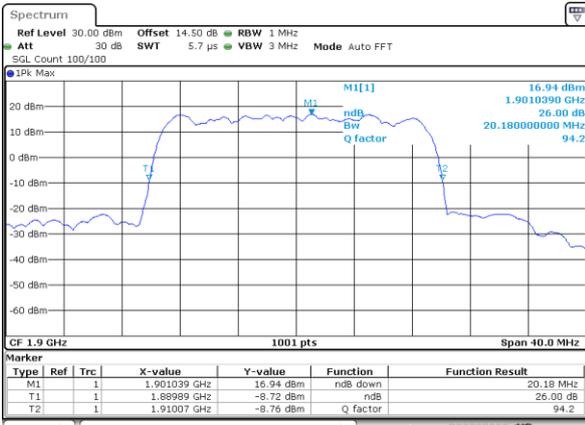
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Middle Channel / 20MHz / 16QAM



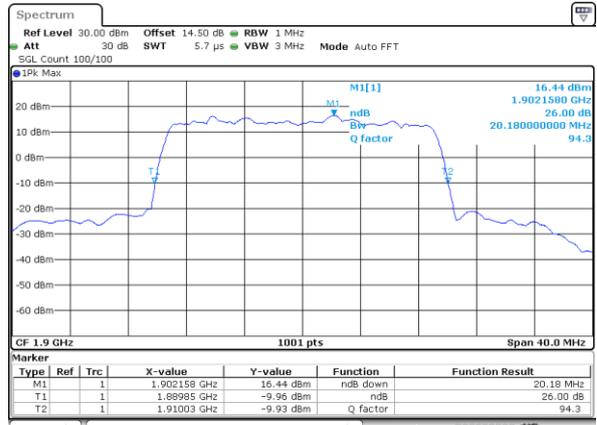
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Highest Channel / 20MHz / QPSK



Date: 23_JAN_2019 13:44:25

Highest Channel / 20MHz / 16QAM

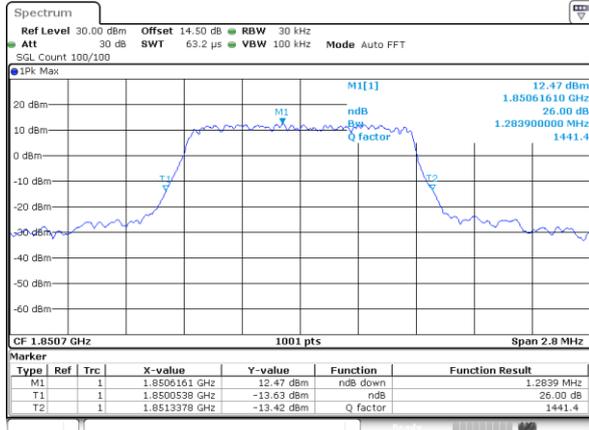


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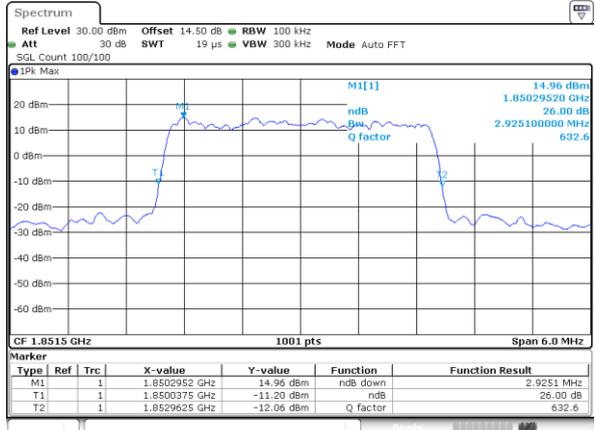
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



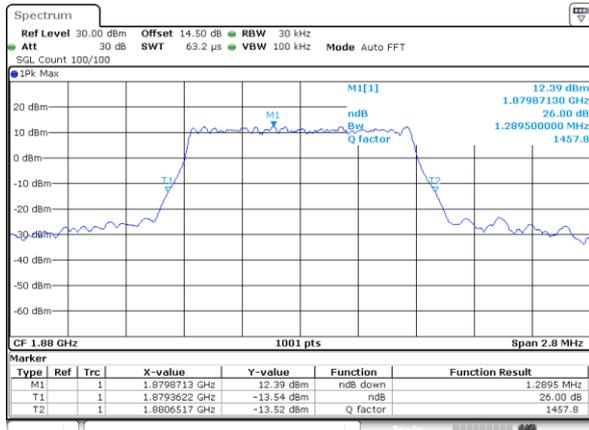
Date: 22.FEB.2019 23:19:05

Lowest Channel / 3MHz / 64QAM



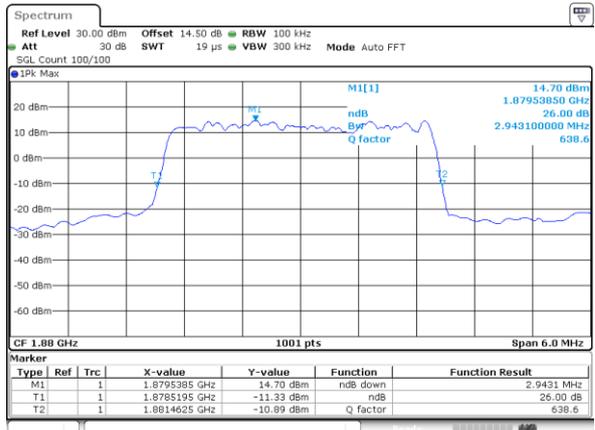
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Middle Channel / 1.4MHz / 64QAM



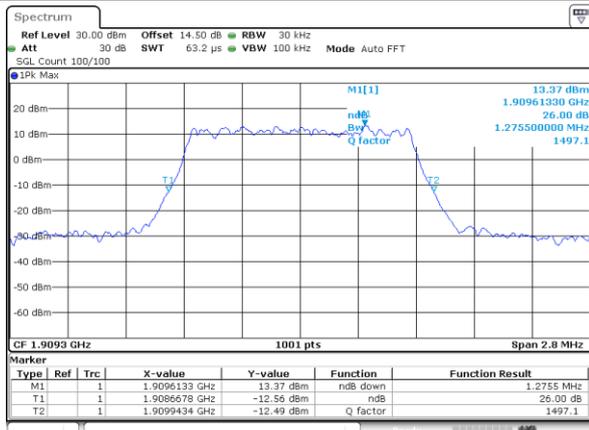
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Middle Channel / 3MHz / 64QAM



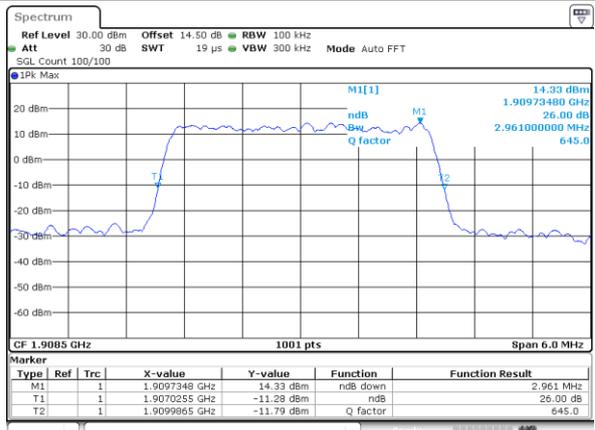
Date: 22.FEB.2019 23:27:43

Highest Channel / 1.4MHz / 64QAM



Date: 22.FEB.2019 23:19:25

Highest Channel / 3MHz / 64QAM

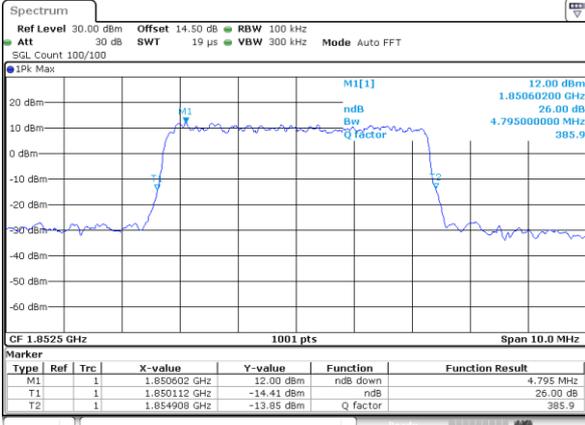


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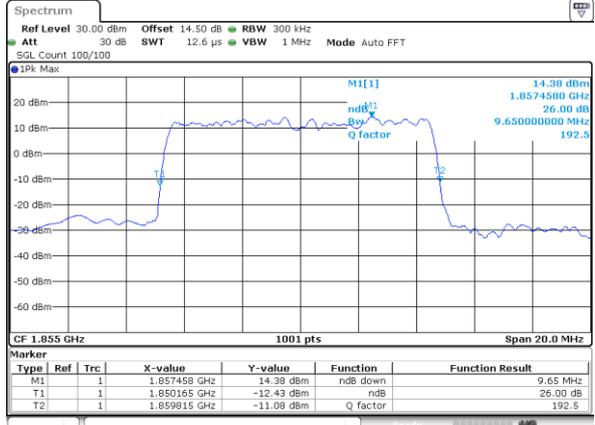
LTE Band 2

Lowest Channel / 5MHz / 64QAM



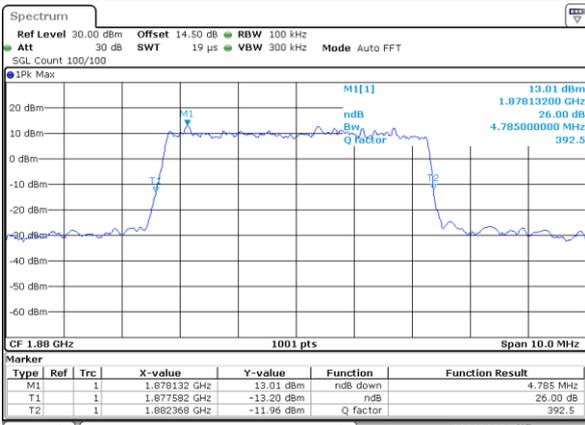
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Lowest Channel / 10MHz / 64QAM



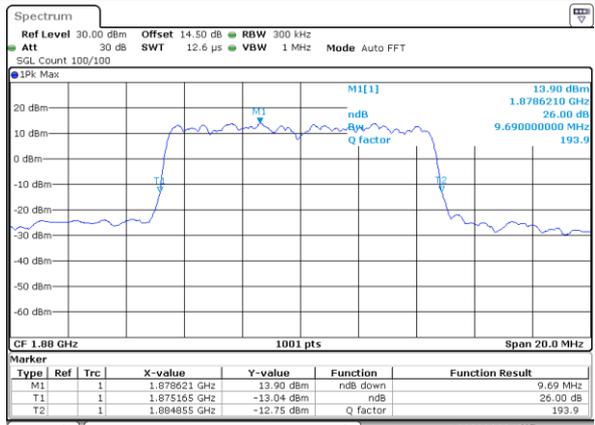
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Middle Channel / 5MHz / 64QAM



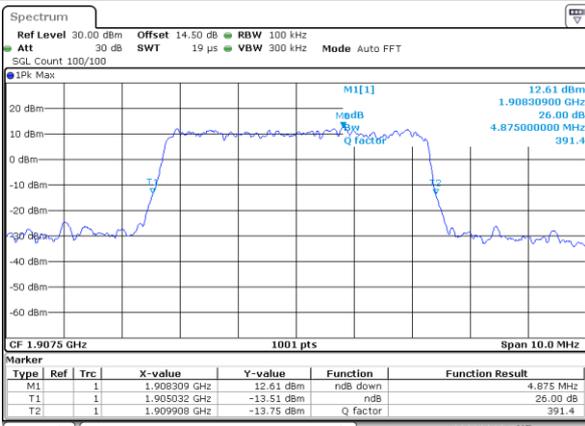
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Middle Channel / 10MHz / 64QAM



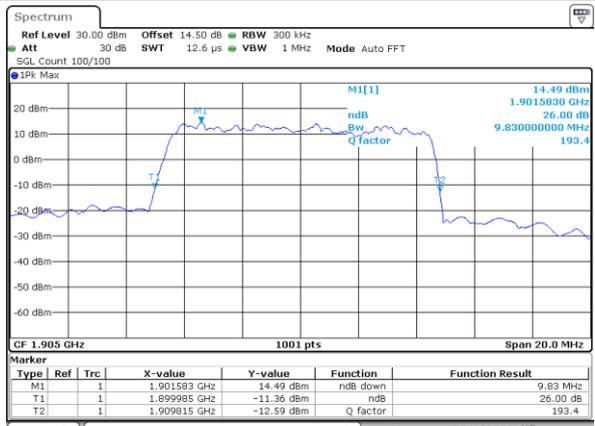
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Highest Channel / 5MHz / 64QAM



Date: 22.FEB.2019 23:36:20

Highest Channel / 10MHz / 64QAM

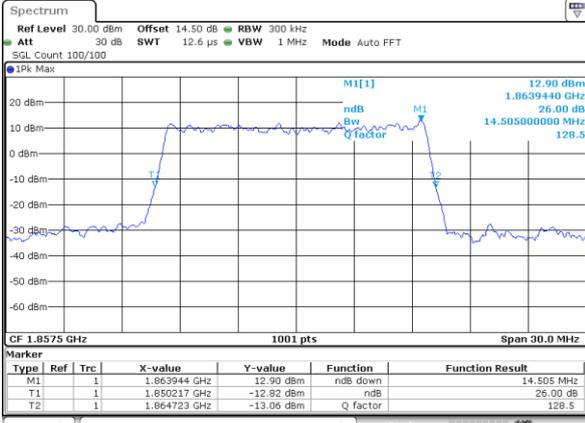


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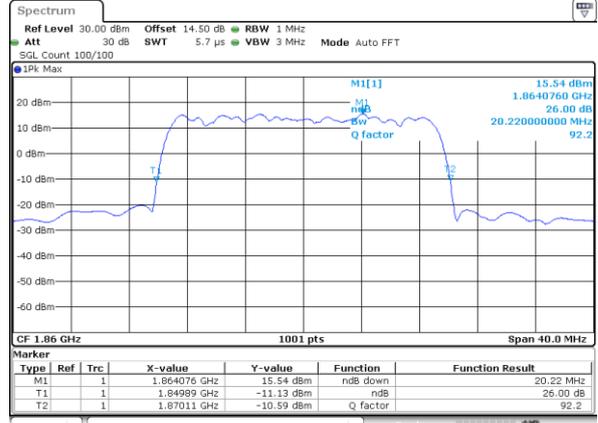
LTE Band 2

Lowest Channel / 15MHz / 64QAM



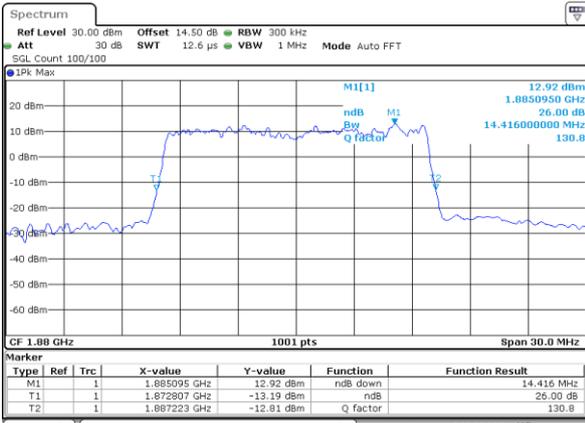
Date: 22.FEB.2019 23:52:52

Lowest Channel / 20MHz / 64QAM



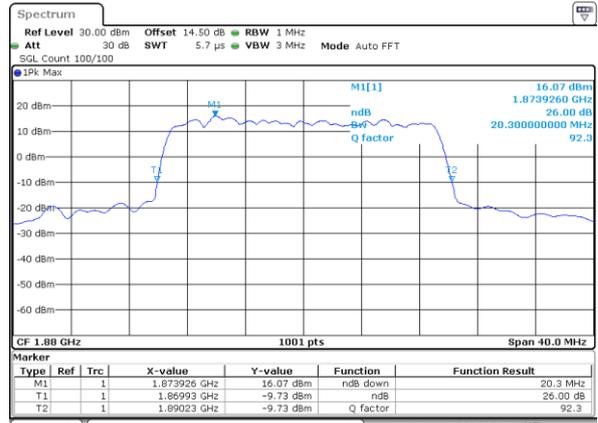
Date: 23.FEB.2019 00:01:18

Middle Channel / 15MHz / 64QAM



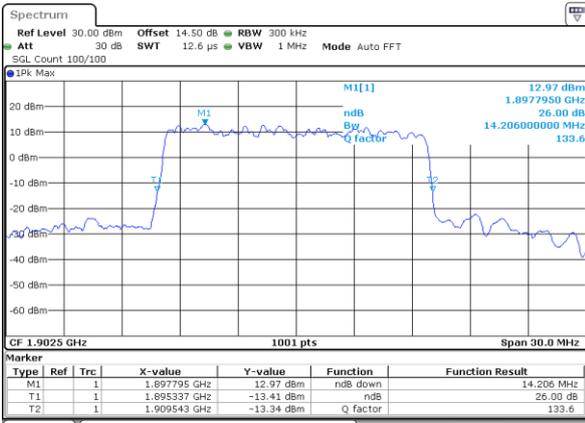
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Middle Channel / 20MHz / 64QAM



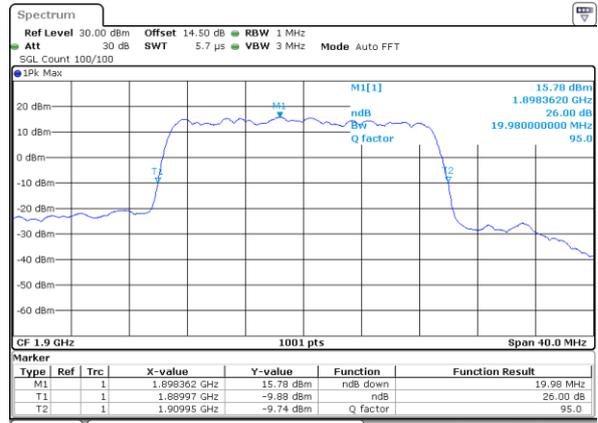
Date: 23.FEB.2019 00:01:28

Highest Channel / 15MHz / 64QAM



Date: 22.FEB.2019 23:53:12

Highest Channel / 20MHz / 64QAM

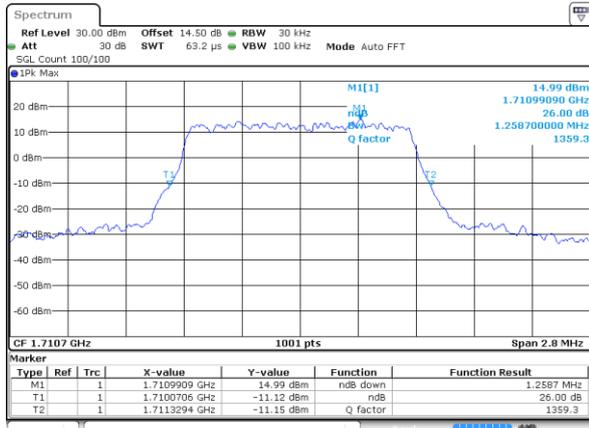


Date: 23.FEB.2019 00:01:38



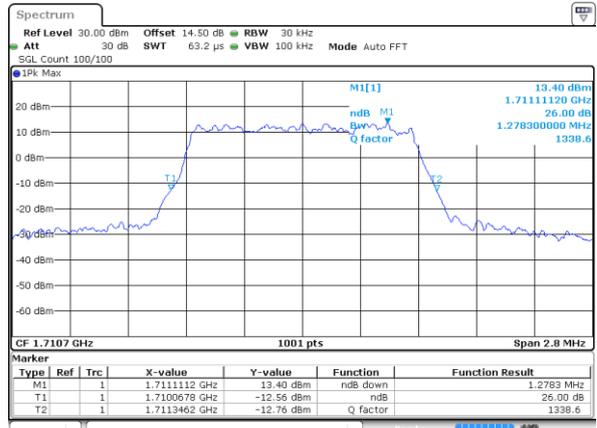
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



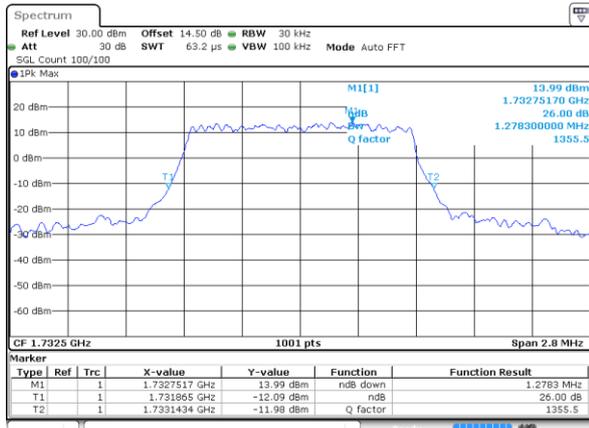
Date: 24 JAN 2019 09:28:58

Lowest Channel / 1.4MHz / 16QAM



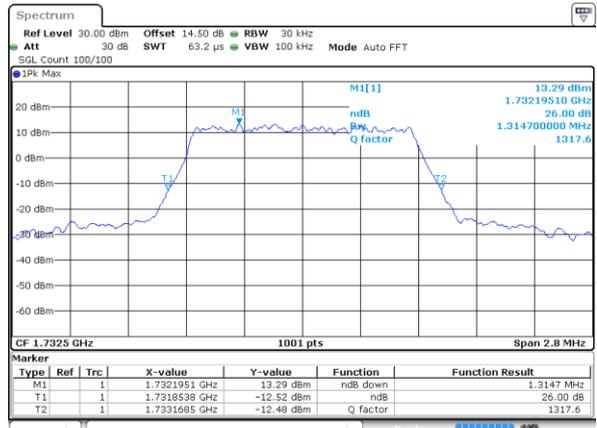
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Middle Channel / 1.4MHz / QPSK



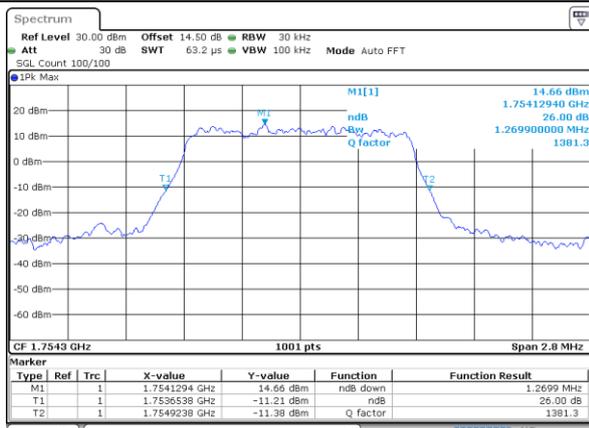
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Middle Channel / 1.4MHz / 16QAM



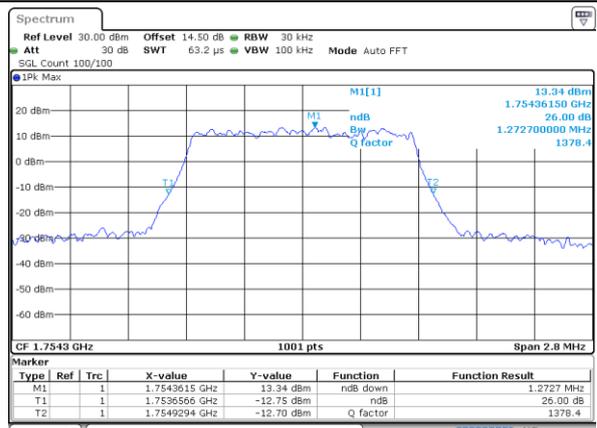
Date: 24 JAN 2019 09:38:17

Highest Channel / 1.4MHz / QPSK



Date: 24 JAN 2019 09:40:35

Highest Channel / 1.4MHz / 16QAM

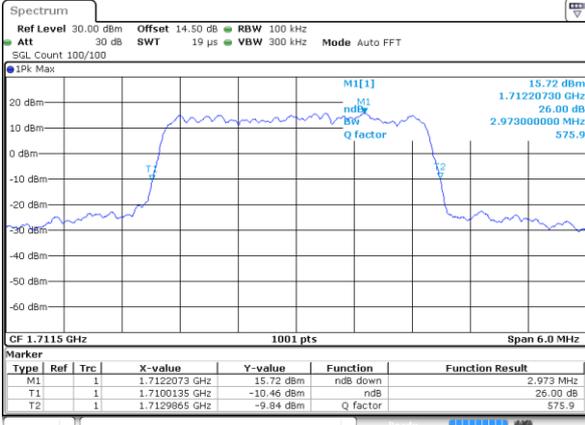


Date: 24 JAN 2019 09:40:46



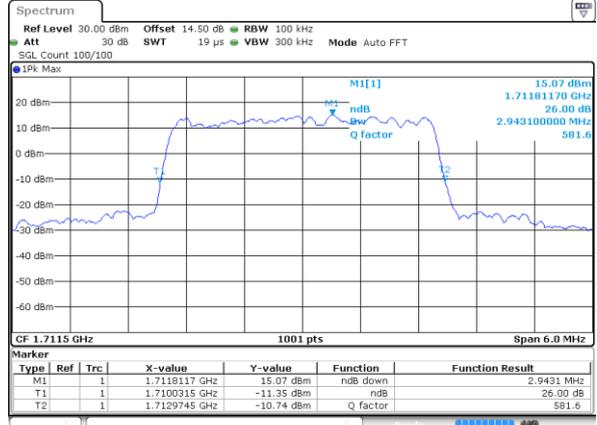
LTE Band 4

Lowest Channel / 3MHz / QPSK



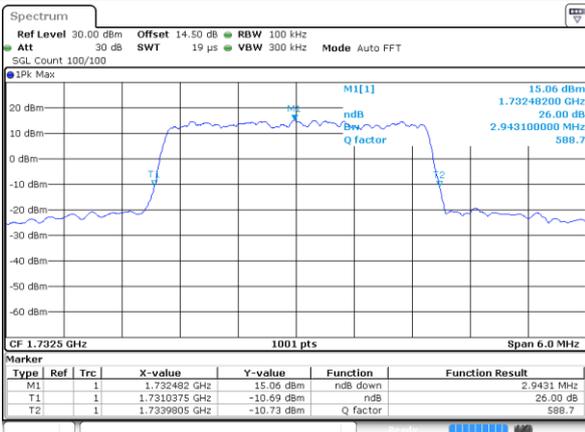
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Lowest Channel / 3MHz / 16QAM



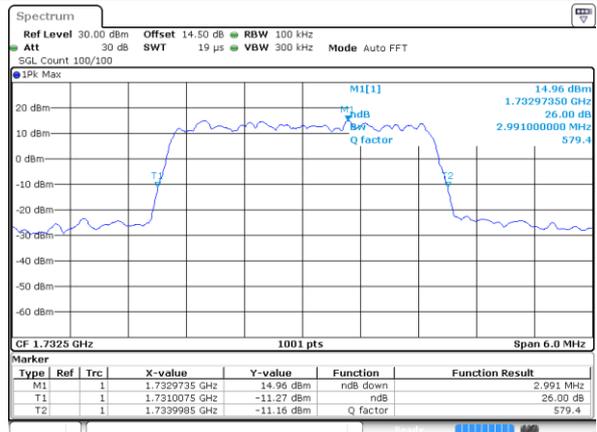
Date: 24 JAN 2019 09:52:44

Middle Channel / 3MHz / QPSK



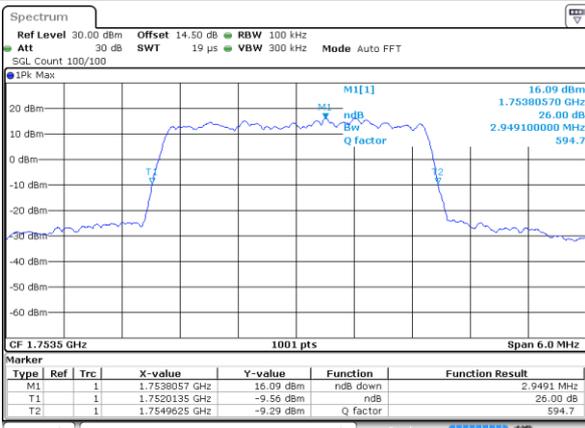
Date: 24 JAN 2019 09:59:37

Middle Channel / 3MHz / 16QAM



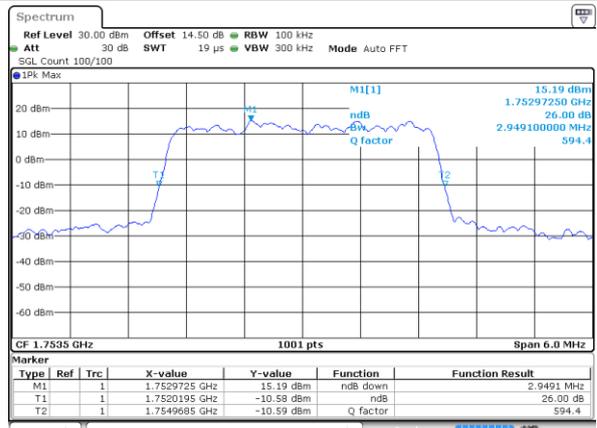
Date: 24 JAN 2019 09:59:47

Highest Channel / 3MHz / QPSK



Date: 24 JAN 2019 10:02:06

Highest Channel / 3MHz / 16QAM

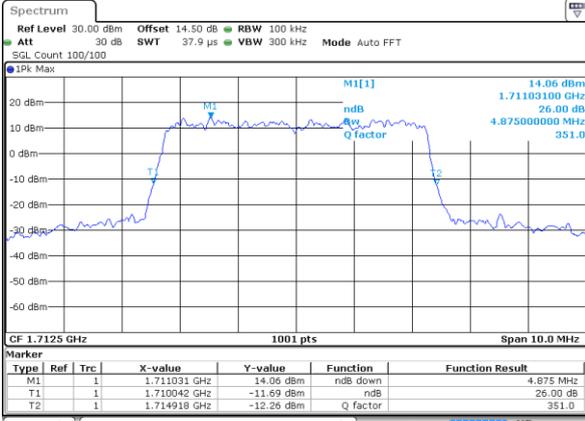


Date: 24 JAN 2019 10:02:16



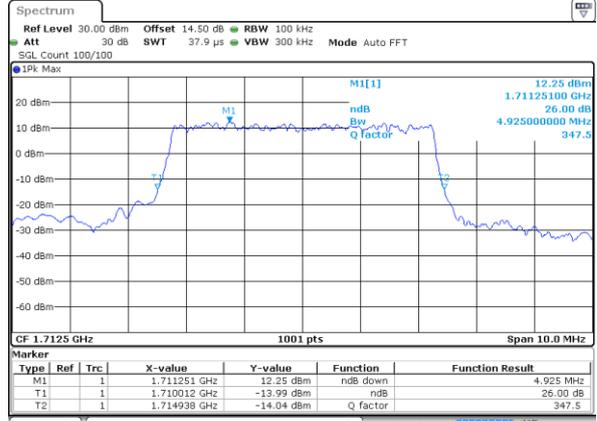
LTE Band 4

Lowest Channel / 5MHz / QPSK



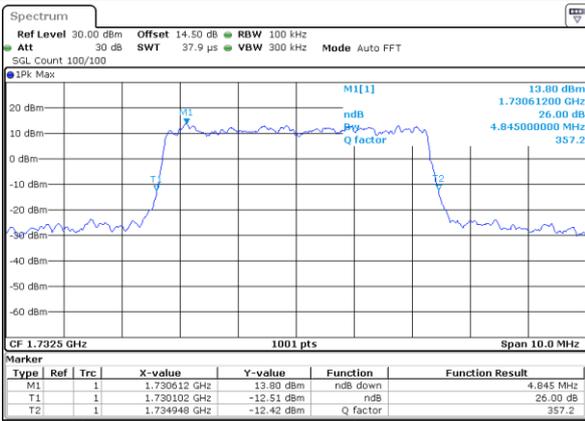
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Lowest Channel / 5MHz / 16QAM



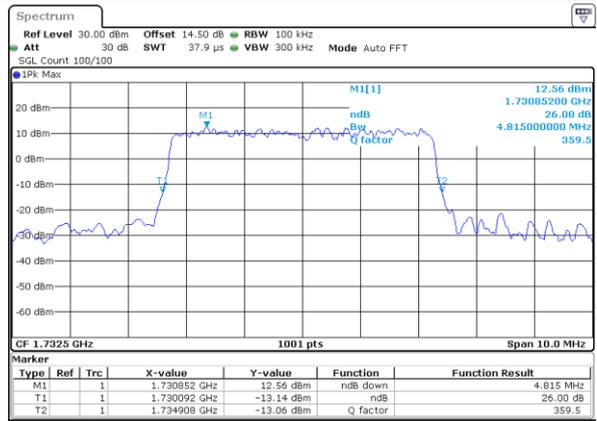
Date: 24 JAN 2019 10:10:18

Middle Channel / 5MHz / QPSK



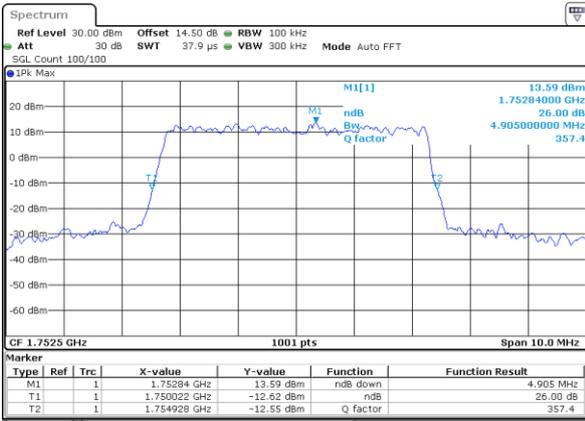
Date: 24 JAN 2019 10:17:12

Middle Channel / 5MHz / 16QAM



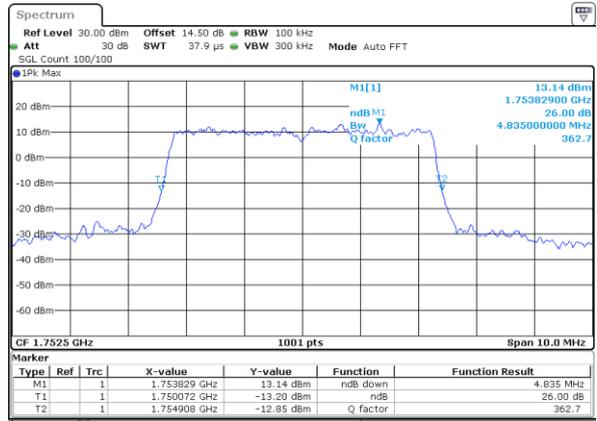
Date: 24 JAN 2019 10:17:22

Highest Channel / 5MHz / QPSK



Date: 24 JAN 2019 10:19:40

Highest Channel / 5MHz / 16QAM

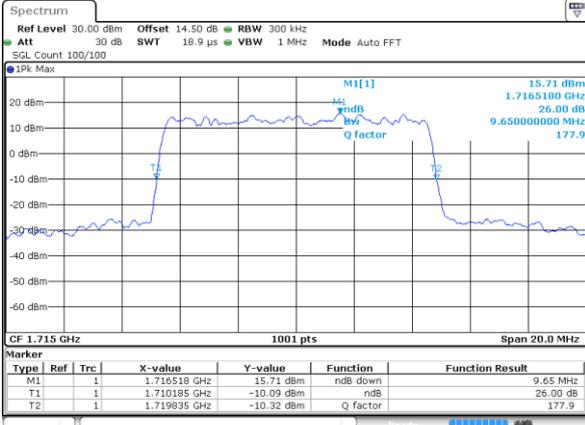


Date: 24 JAN 2019 10:19:50



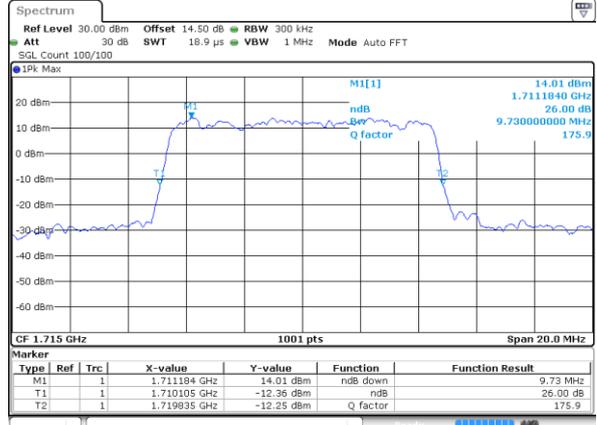
LTE Band 4

Lowest Channel / 10MHz / QPSK



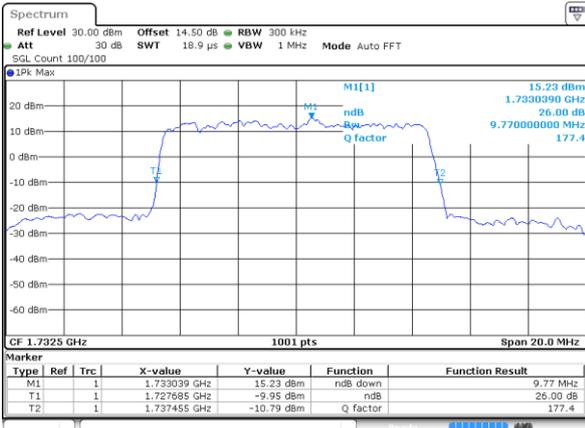
Date: 24 JAN 2019 11:34:04

Lowest Channel / 10MHz / 16QAM



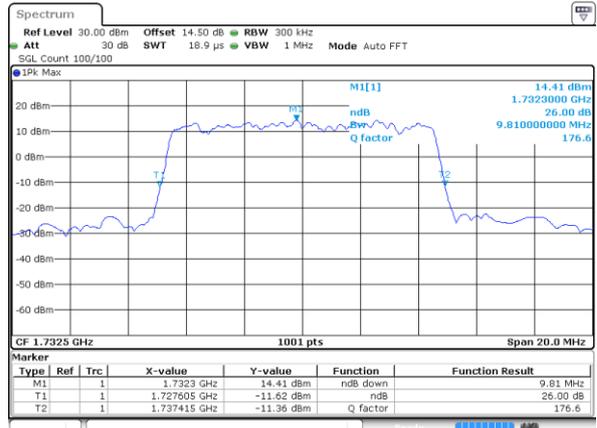
Date: 24 JAN 2019 11:34:14

Middle Channel / 10MHz / QPSK



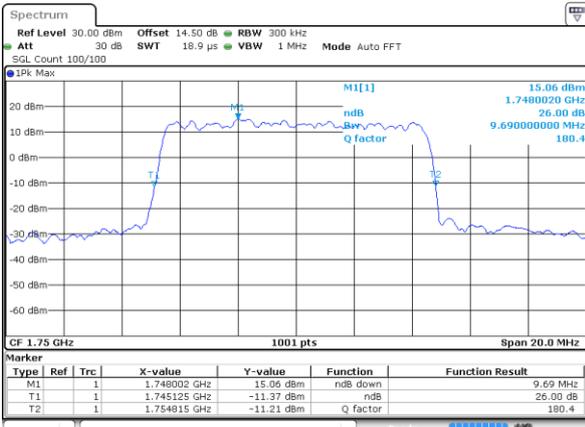
Date: 24 JAN 2019 11:41:08

Middle Channel / 10MHz / 16QAM



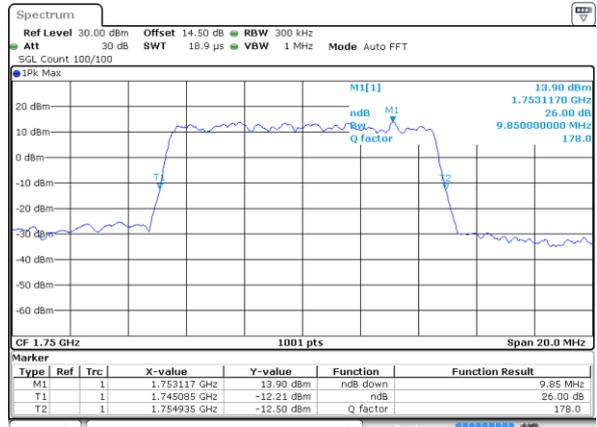
Date: 24 JAN 2019 11:41:18

Highest Channel / 10MHz / QPSK



Date: 24 JAN 2019 11:43:36

Highest Channel / 10MHz / 16QAM

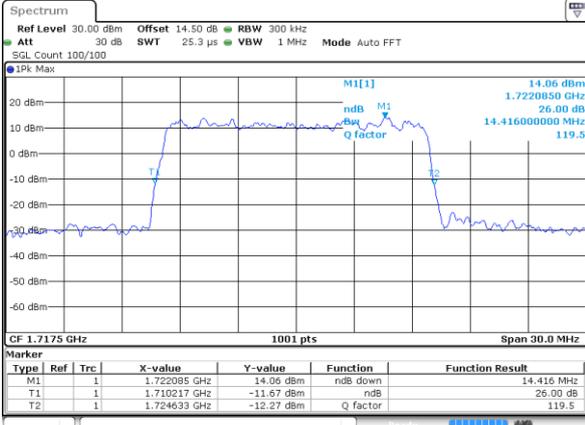


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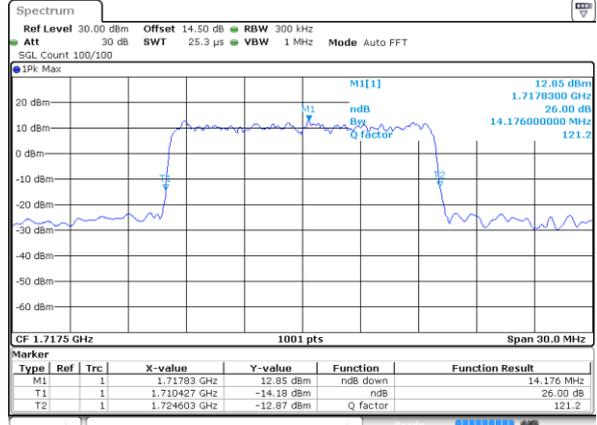
LTE Band 4

Lowest Channel / 15MHz / QPSK



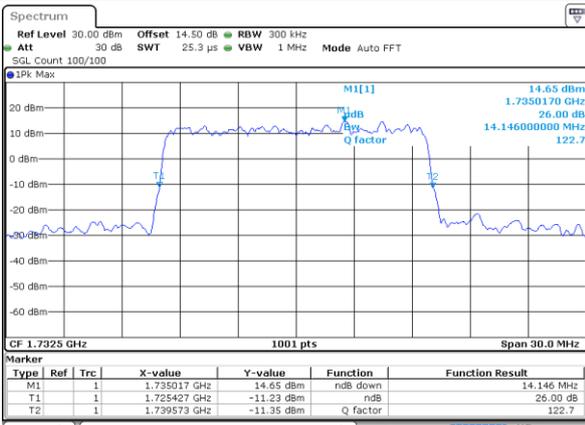
Date: 24 JAN 2019 11:51:37

Lowest Channel / 15MHz / 16QAM



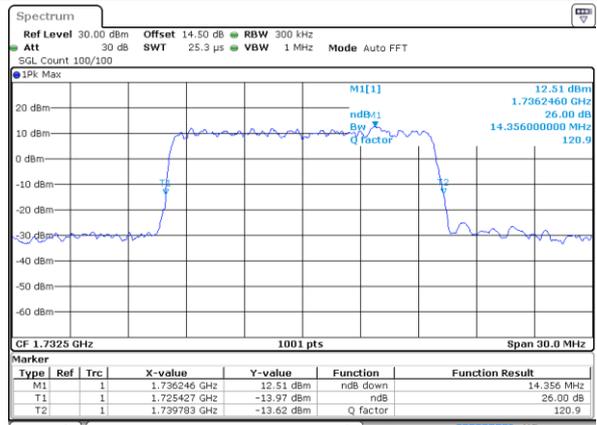
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Middle Channel / 15MHz / QPSK



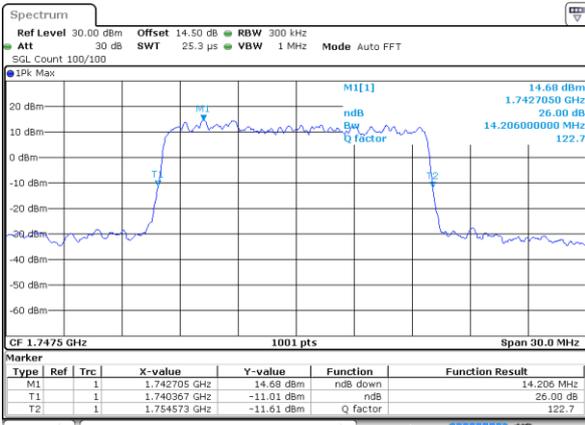
Date: 24 JAN 2019 11:58:41

Middle Channel / 15MHz / 16QAM



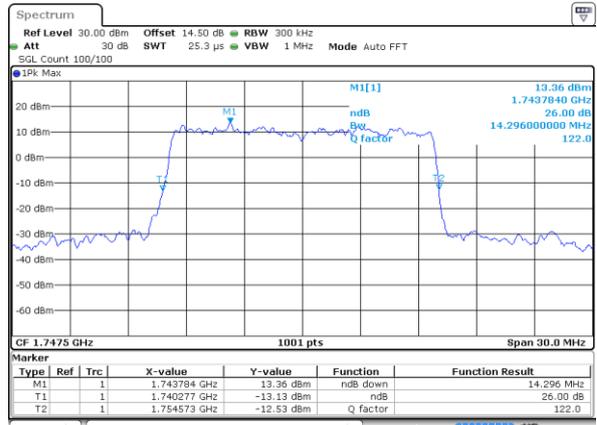
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Highest Channel / 15MHz / QPSK



Date: 24 JAN 2019 12:01:09

Highest Channel / 15MHz / 16QAM

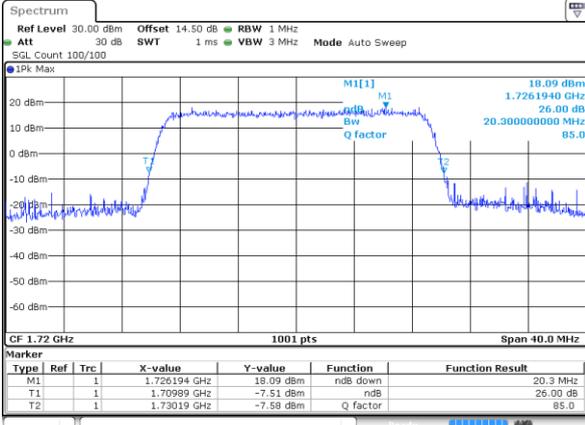


Date: 24 JAN 2019 12:01:19



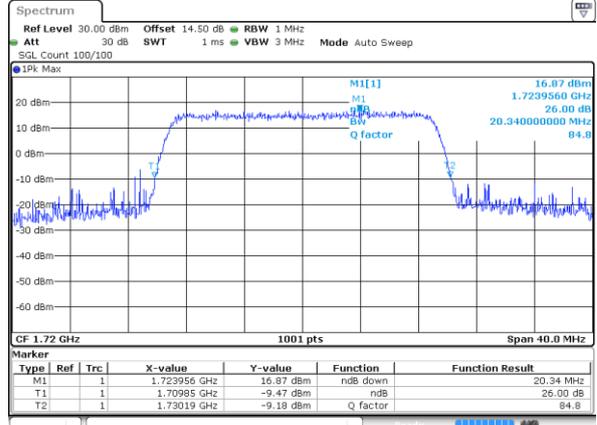
LTE Band 4

Lowest Channel / 20MHz / QPSK



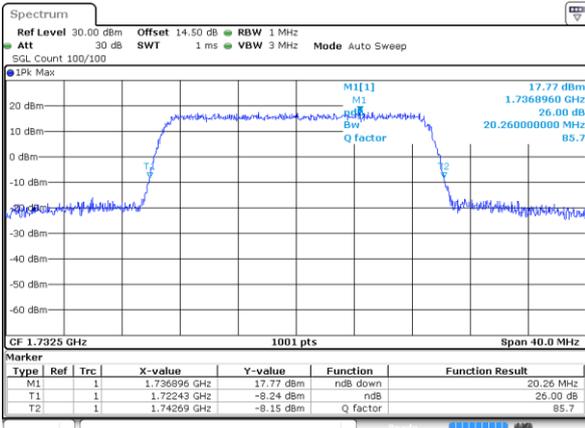
Date: 24 JAN 2019 13:55:07

Lowest Channel / 20MHz / 16QAM



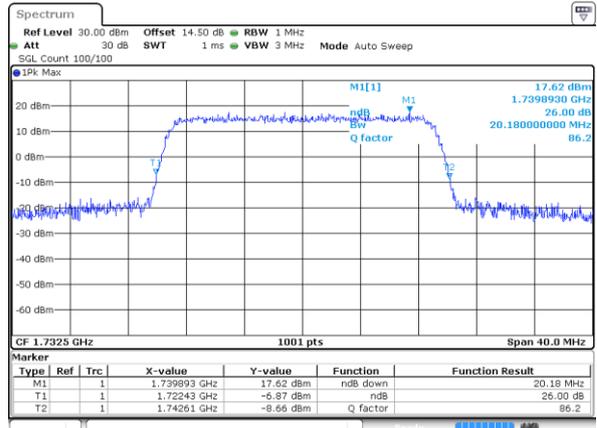
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Middle Channel / 20MHz / QPSK



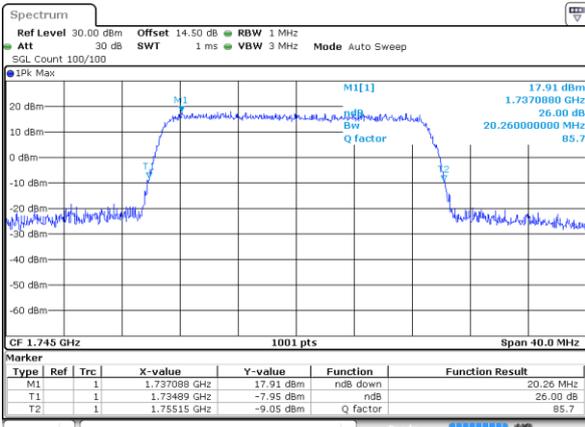
Date: 24 JAN 2019 14:02:11

Middle Channel / 20MHz / 16QAM



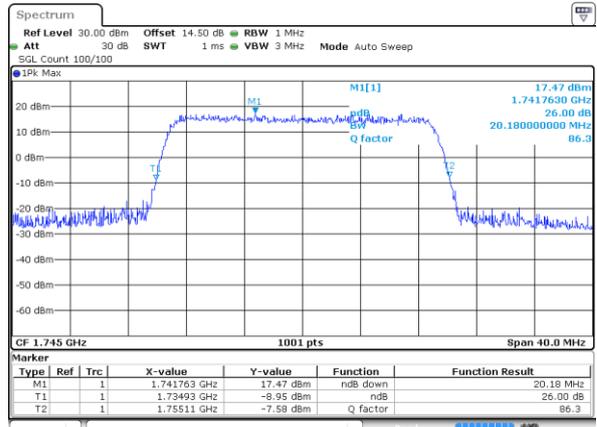
Date: 24 JAN 2019 14:02:21

Highest Channel / 20MHz / QPSK



Date: 24 JAN 2019 14:04:40

Highest Channel / 20MHz / 16QAM

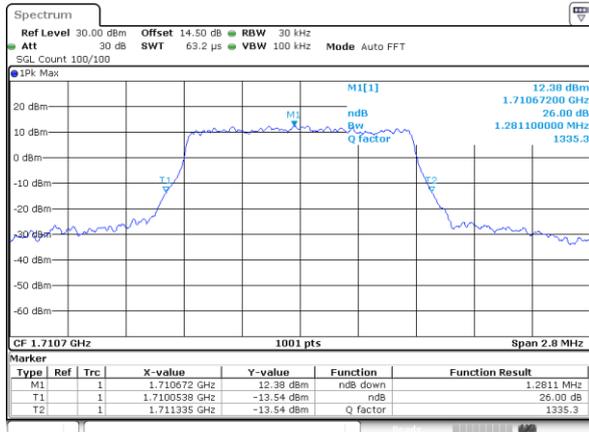


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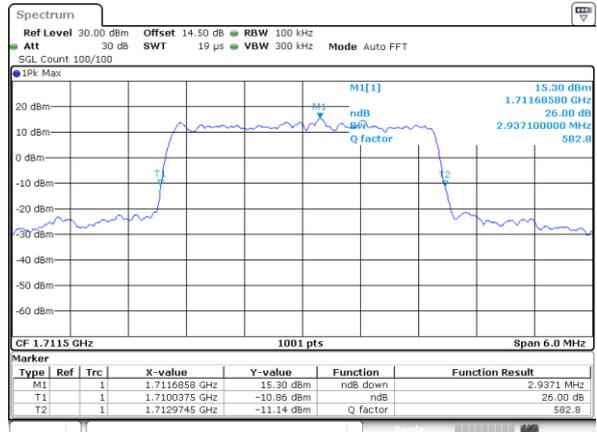
LTE Band 4

Lowest Channel / 1.4MHz / 64QAM



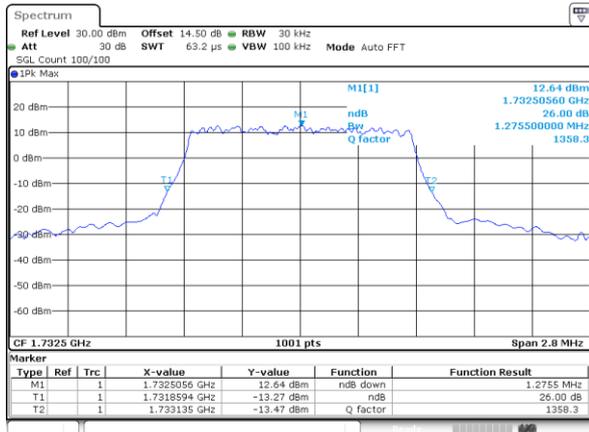
Date: 23.FEB.2019 00:55:11

Lowest Channel / 3MHz / 64QAM



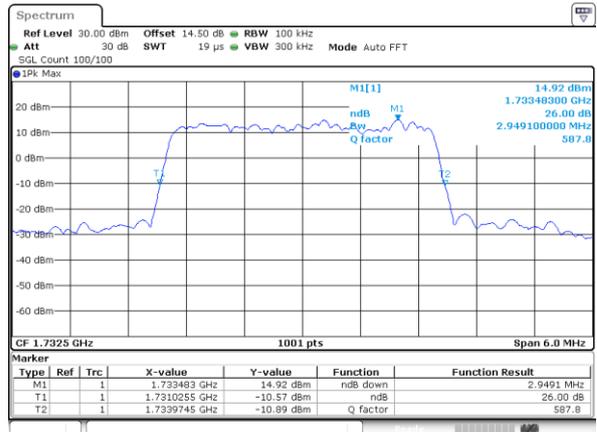
Date: 23.FEB.2019 01:03:38

Middle Channel / 1.4MHz / 64QAM



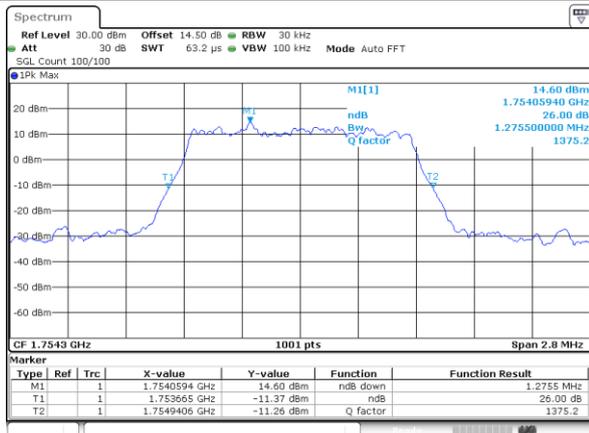
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Middle Channel / 3MHz / 64QAM



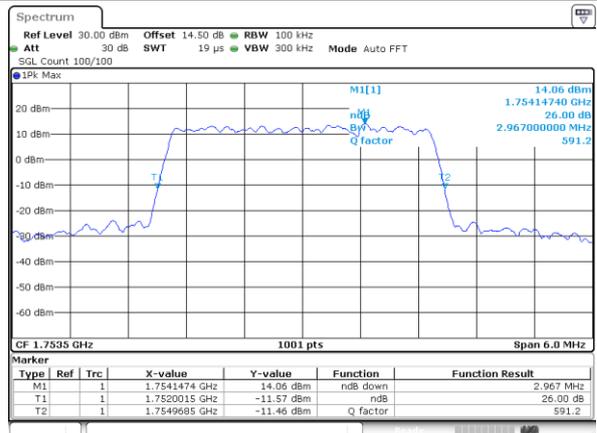
Date: 23.FEB.2019 01:07:13

Highest Channel / 1.4MHz / 64QAM



Date: 23.FEB.2019 01:00:03

Highest Channel / 3MHz / 64QAM

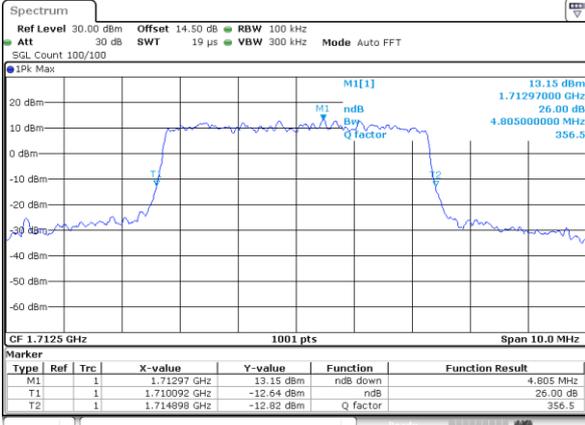


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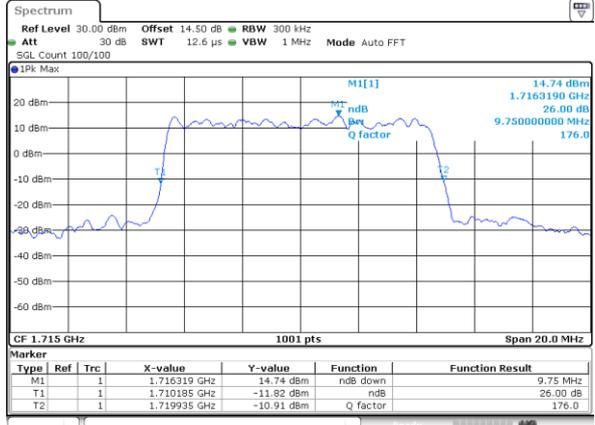
LTE Band 4

Lowest Channel / 5MHz / 64QAM



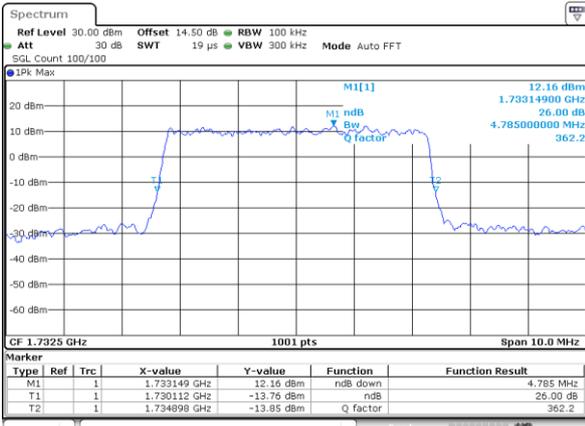
Date: 23.FEB.2019 01:12:04

Lowest Channel / 10MHz / 64QAM



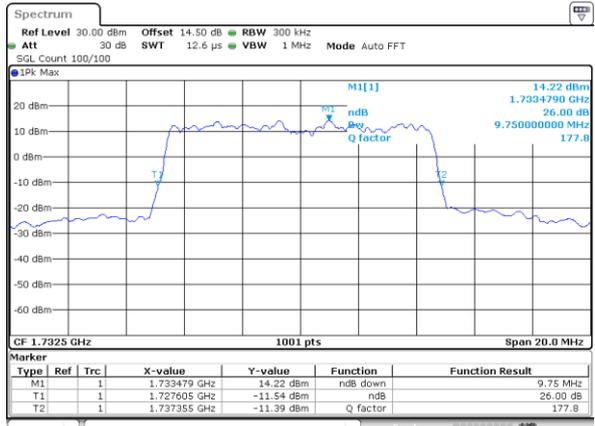
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Middle Channel / 5MHz / 64QAM



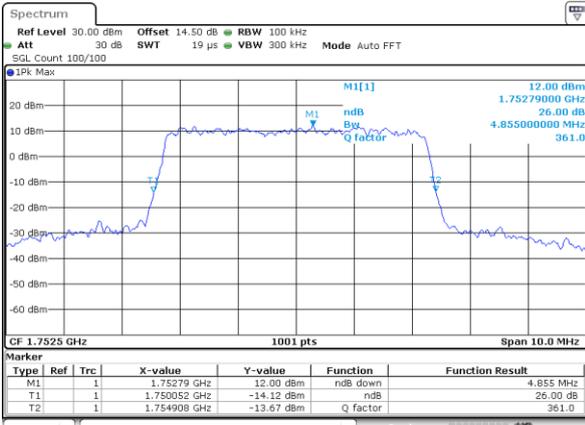
Date: 23.FEB.2019 01:15:08

Middle Channel / 10MHz / 64QAM



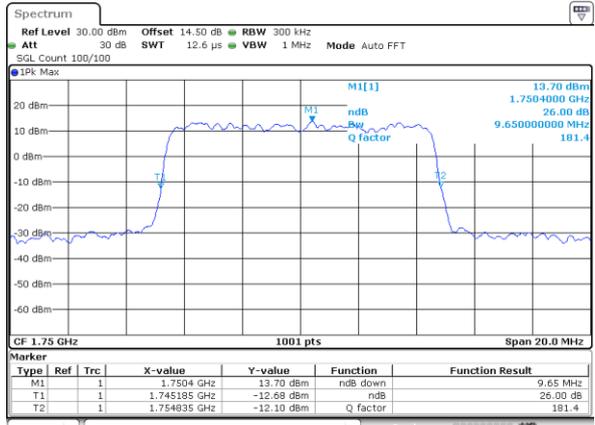
Date: 23.FEB.2019 01:24:04

Highest Channel / 5MHz / 64QAM



Date: 23.FEB.2019 01:16:55

Highest Channel / 10MHz / 64QAM

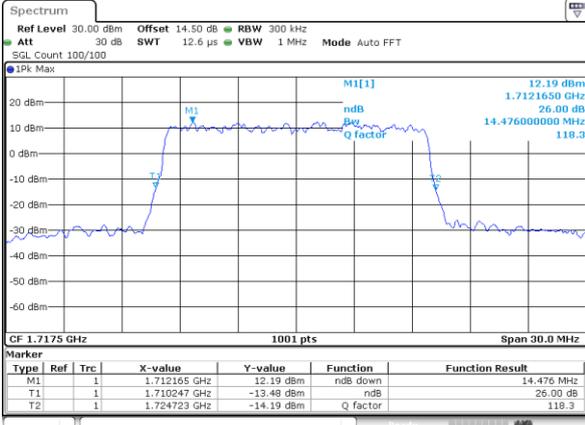


Date: 23.FEB.2019 01:25:20



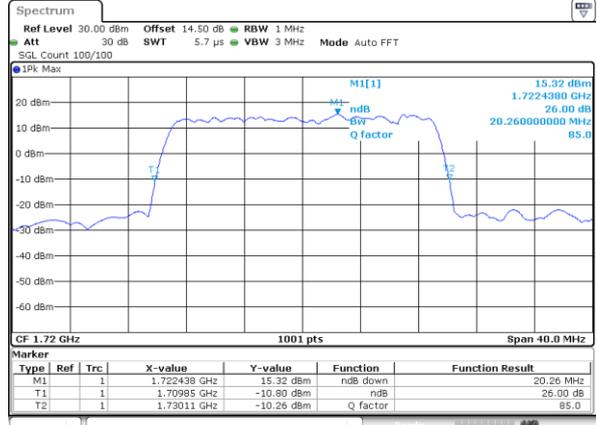
LTE Band 4

Lowest Channel / 15MHz / 64QAM



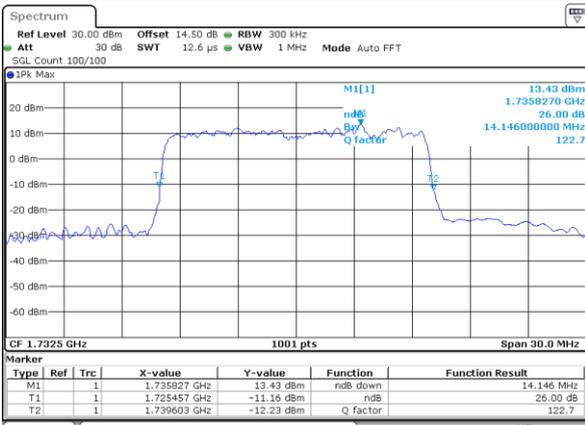
Date: 23.FEB.2019 01:28:55

Lowest Channel / 20MHz / 64QAM



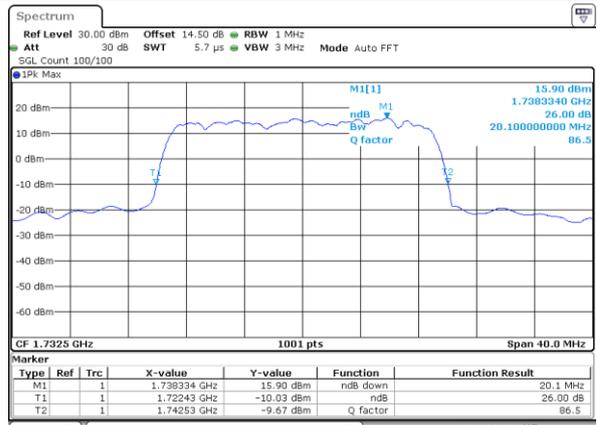
Date: 23.FEB.2019 01:37:19

Middle Channel / 15MHz / 64QAM



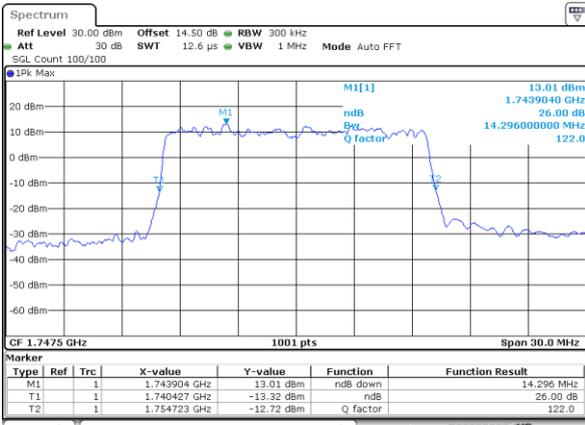
Date: 23.FEB.2019 01:32:29

Middle Channel / 20MHz / 64QAM



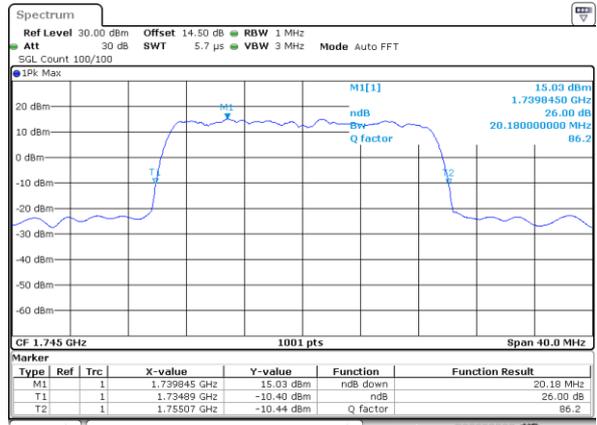
Date: 23.FEB.2019 01:40:54

Highest Channel / 15MHz / 64QAM



Date: 23.FEB.2019 01:33:45

Highest Channel / 20MHz / 64QAM



Date: 23.FEB.2019 01:42:10