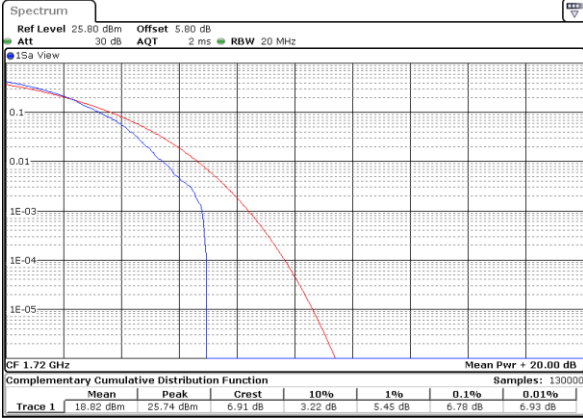




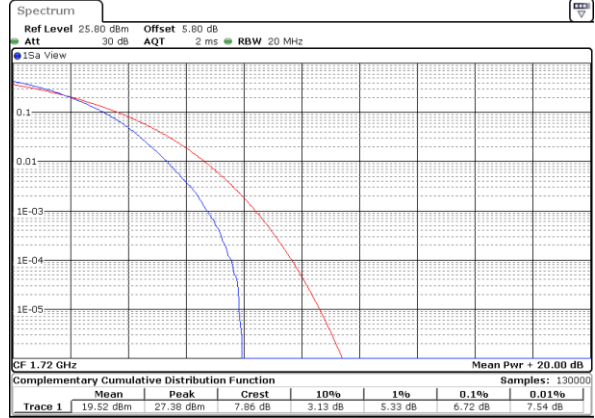
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



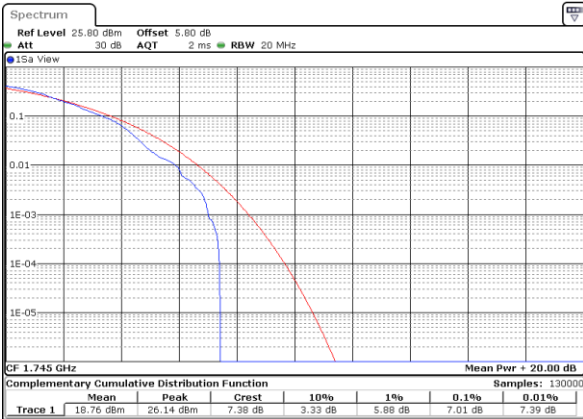
Date: 12 JUL 2019 04:30:21

Lowest Channel / Full RB



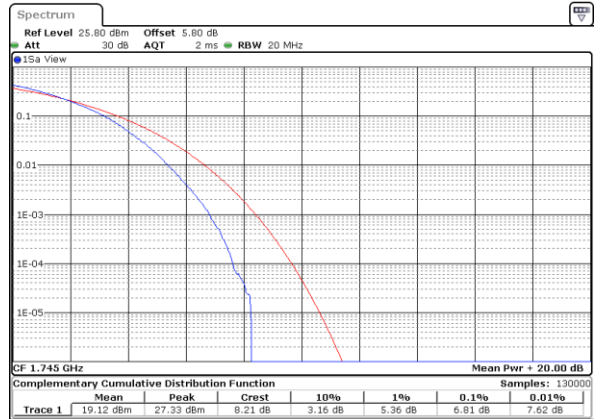
Date: 12 JUL 2019 04:10:51

Middle Channel / 1RB



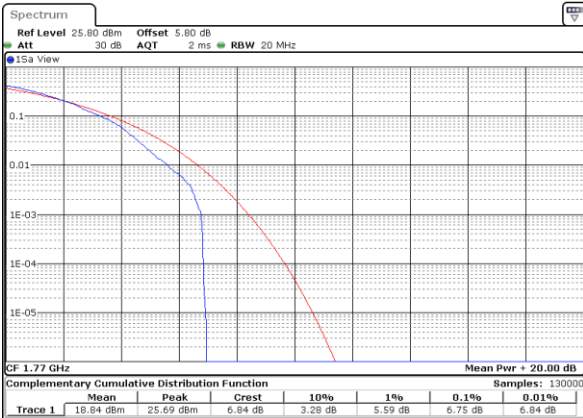
Date: 12 JUL 2019 04:18:34

Middle Channel / Full RB



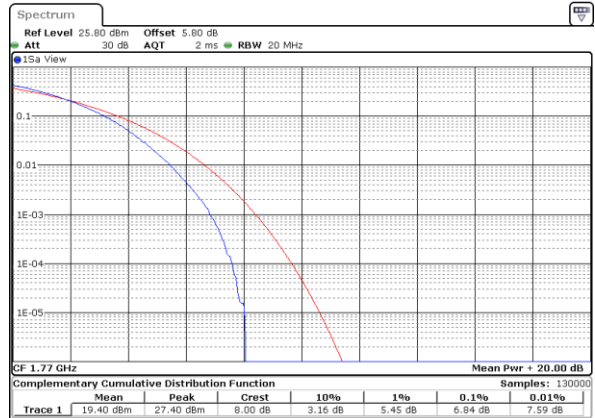
Date: 12 JUL 2019 04:19:21

Highest Channel / 1RB



Date: 12 JUL 2019 04:22:20

Highest Channel / Full RB



Date: 12 JUL 2019 04:21:45



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	1.22	1.23	3.03	2.98	4.92	4.94	9.79	9.79	14.15	14.36	20.02	20.34
Middle CH	1.23	1.23	3.03	3.02	4.97	4.92	9.97	9.89	14.48	14.57	20.10	20.18
Highest CH	1.22	1.24	3.01	2.99	4.93	4.87	9.77	9.73	14.21	14.18	20.14	20.10
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23		3.04		4.93		9.65		14.48		20.34	
Middle CH	1.23		3.00		4.85		9.79		14.21		20.74	
Highest CH	1.22		3.02		4.95		9.75		14.27		20.10	

Mode	LTE Band 5 : 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	1.22	1.23	2.99	2.99	4.90	4.90	9.69	9.69				
Middle CH	1.21	1.23	2.98	3.05	4.88	4.88	9.85	9.93				
Highest CH	1.22	1.23	2.99	3.03	4.96	4.83	9.69	9.73				
Mode	LTE Band 5 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.23		2.98		4.91		9.67					
Middle CH	1.22		3.05		4.84		9.77					
Highest CH	1.23		3.00		4.86		9.79					



Mode	LTE Band 7 : 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	-	-	-	-	4.945	4.895	9.85	9.81	14.476	14.505	20.1	20.14
Middle CH	-	-	-	-	4.935	4.865	9.87	9.77	14.356	14.505	20.14	20.26
Highest CH	-	-	-	-	4.925	4.875	9.69	9.67	14.416	14.655	20.3	20.06
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.895		9.770		14.296		20.140	
Middle CH					4.855		9.830		14.416		20.100	
Highest CH					4.985		9.730		14.476		20.100	

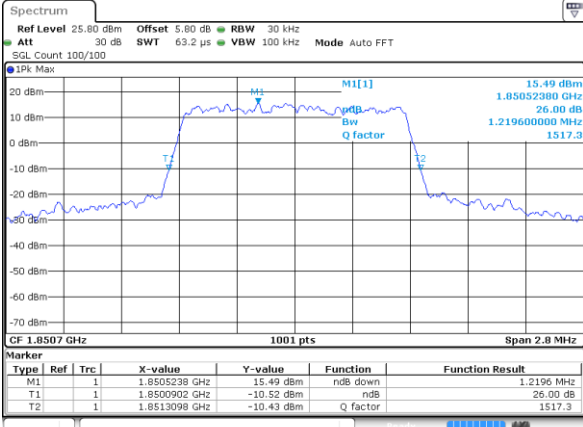
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.214	1.222	3.009	3.021	4.855	4.935	9.79	9.77	-	-	-	-
Middle CH	1.222	1.239	3.063	3.003	4.945	4.925	9.79	9.79	-	-	-	-
Highest CH	1.236	1.239	2.997	3.063	4.895	4.905	9.83	9.77	-	-	-	-
Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM					
Lowest CH	1.225		3.051		4.885		9.97		-	-	-	-
Middle CH	1.236		2.991		4.875		9.91		-	-	-	-
Highest CH	1.211		2.997		4.955		9.81		-	-	-	-

Mode	LTE Band 66 : 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	1.228	1.222	3.021	3.021	4.905	4.895	9.89	9.93	14.386	14.565	20.14	20.18
Middle CH	1.222	1.194	3.009	3.057	4.965	4.895	9.65	9.81	14.535	14.446	20.14	20.26
Highest CH	1.236	1.234	3.045	3.039	4.905	4.885	9.75	9.83	14.476	14.505	20.34	20.1
Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.234		3.027		4.925		9.79		14.535		20.1	
Middle CH	1.242		3.021		4.955		9.87		14.446		20.06	
Highest CH	1.236		3.051		4.905		9.93		14.505		20.22	



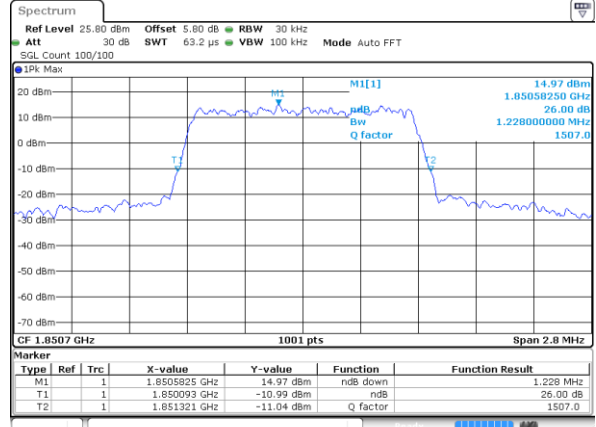
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



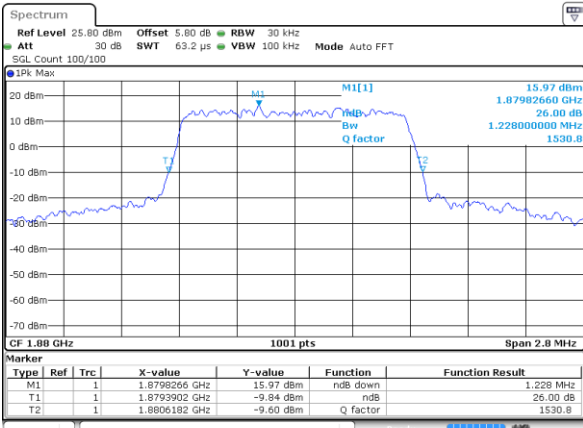
Date: 5 JUL 2019 10:27:10

Lowest Channel / 1.4MHz / 16QAM



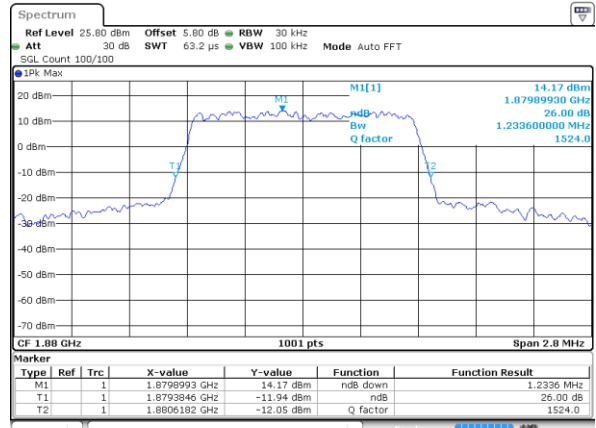
Date: 5 JUL 2019 10:27:20

Middle Channel / 1.4MHz / QPSK



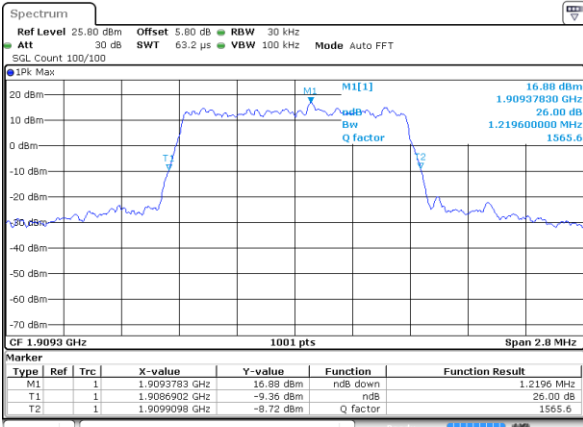
Date: 5 JUL 2019 10:34:10

Middle Channel / 1.4MHz / 16QAM



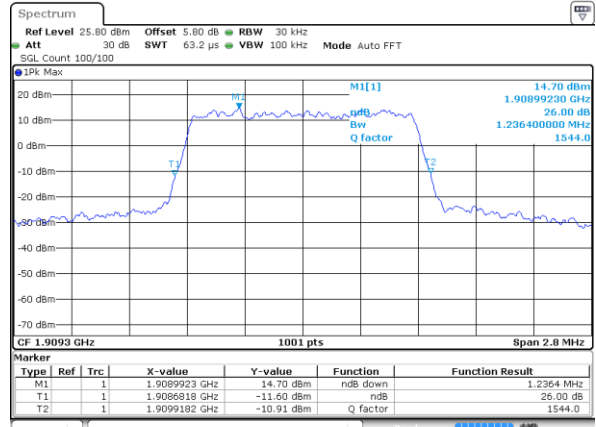
Date: 5 JUL 2019 10:34:20

Highest Channel / 1.4MHz / QPSK



Date: 5 JUL 2019 10:36:40

Highest Channel / 1.4MHz / 16QAM

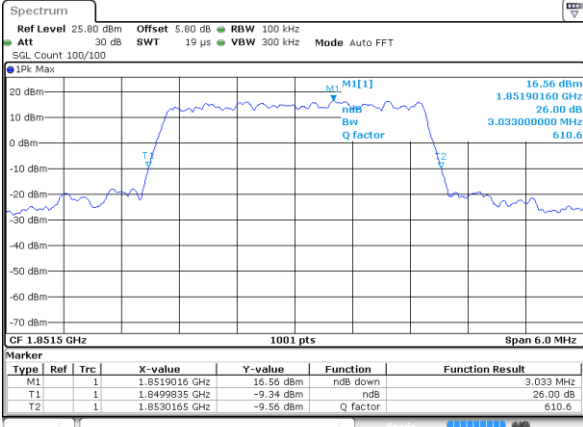


Date: 5 JUL 2019 10:36:50



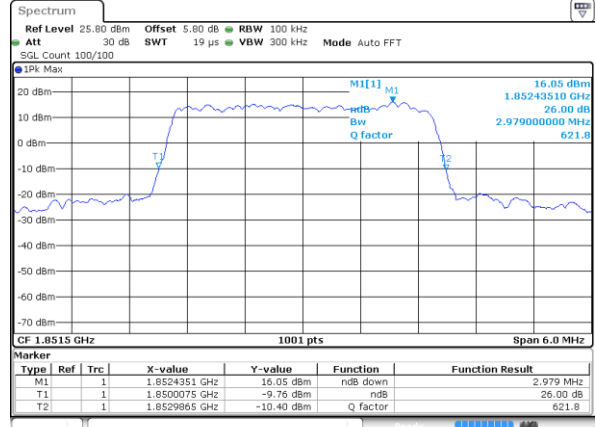
LTE Band 2

Lowest Channel / 3MHz / QPSK



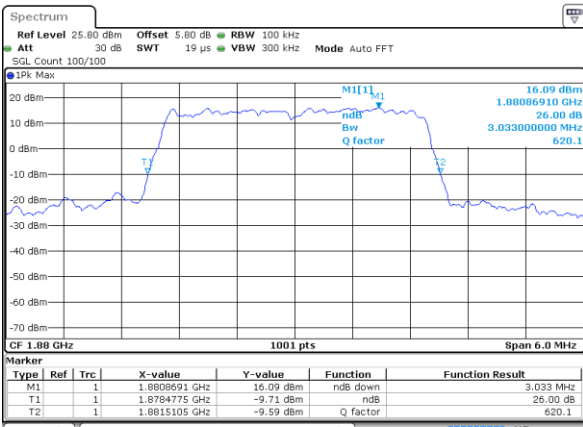
Date: 5 JUL 2019 10:43:40

Lowest Channel / 3MHz / 16QAM



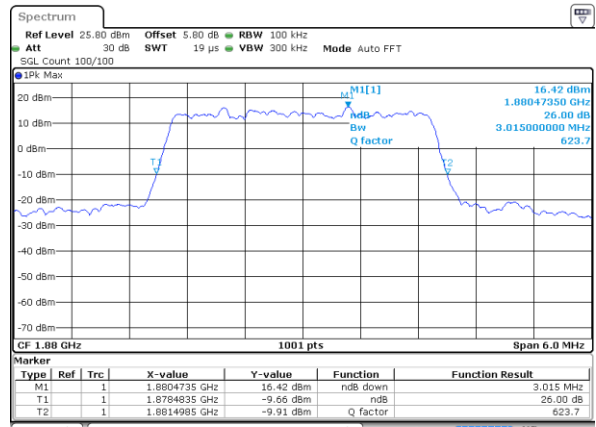
Date: 5 JUL 2019 10:43:50

Middle Channel / 3MHz / QPSK



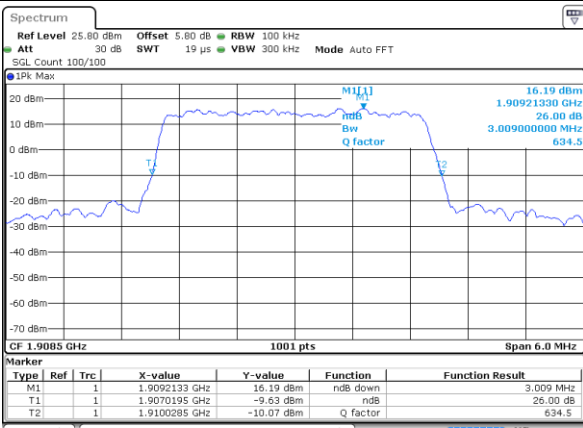
Date: 5 JUL 2019 10:50:40

Middle Channel / 3MHz / 16QAM



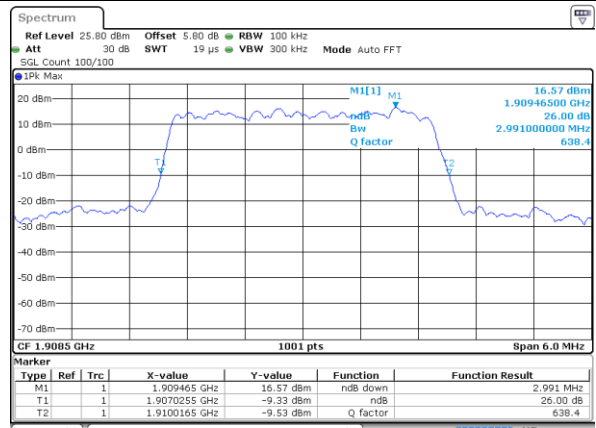
Date: 5 JUL 2019 10:50:51

Highest Channel / 3MHz / QPSK



Date: 5 JUL 2019 10:53:11

Highest Channel / 3MHz / 16QAM

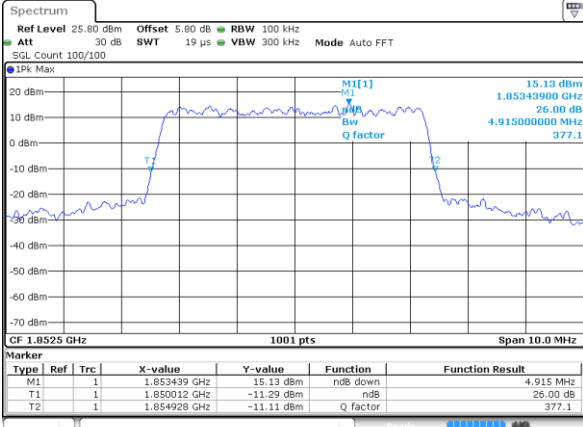


Date: 5 JUL 2019 10:53:21



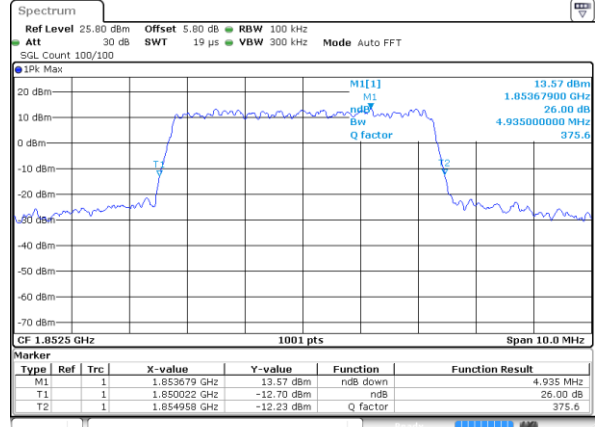
LTE Band 2

Lowest Channel / 5MHz / QPSK



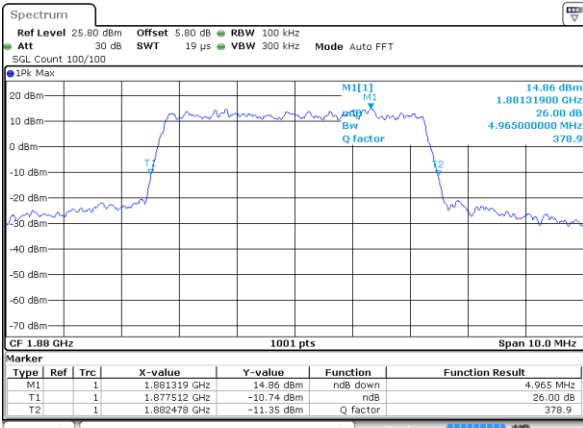
Date: 5 JUL 2019 11:00:10

Lowest Channel / 5MHz / 16QAM



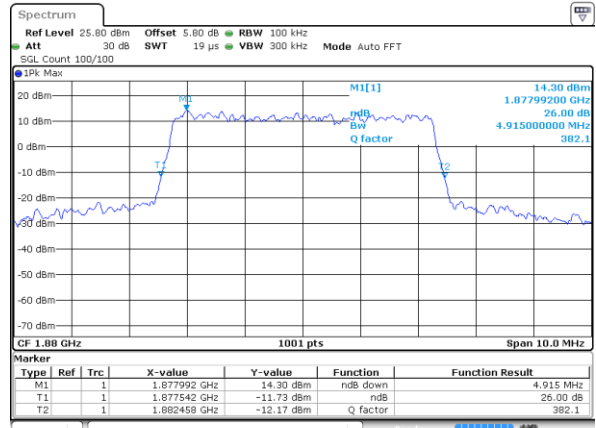
Date: 5 JUL 2019 11:00:20

Middle Channel / 5MHz / QPSK



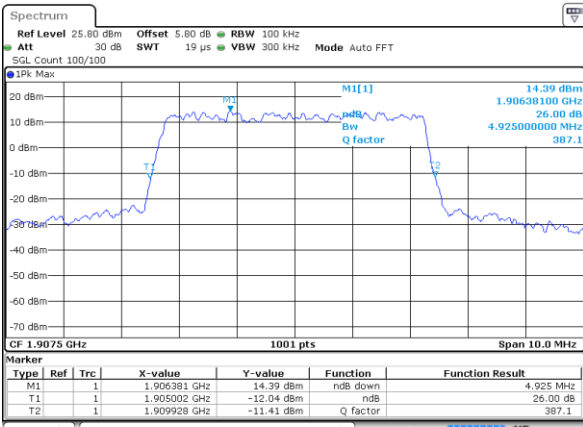
Date: 5 JUL 2019 11:07:10

Middle Channel / 5MHz / 16QAM



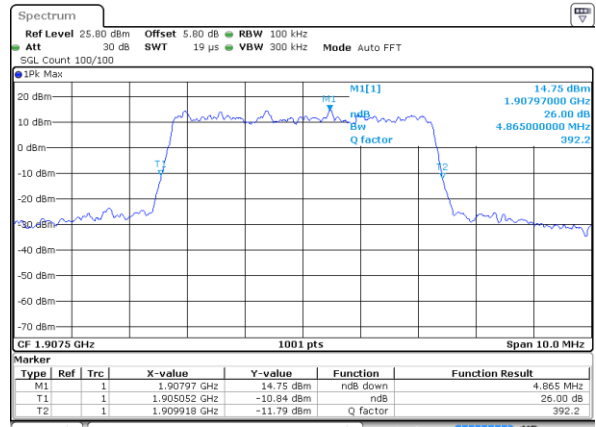
Date: 5 JUL 2019 11:07:20

Highest Channel / 5MHz / QPSK



Date: 5 JUL 2019 11:09:40

Highest Channel / 5MHz / 16QAM

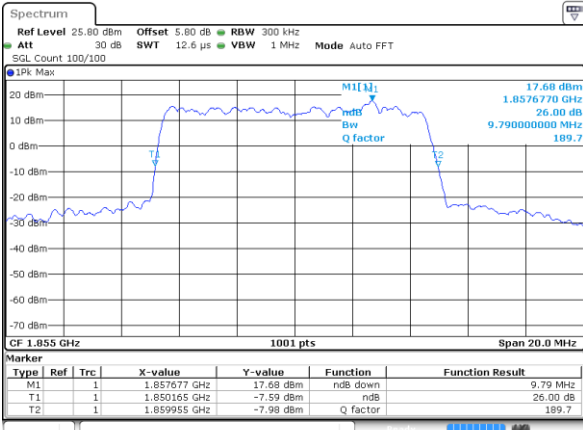


Date: 5 JUL 2019 11:09:50



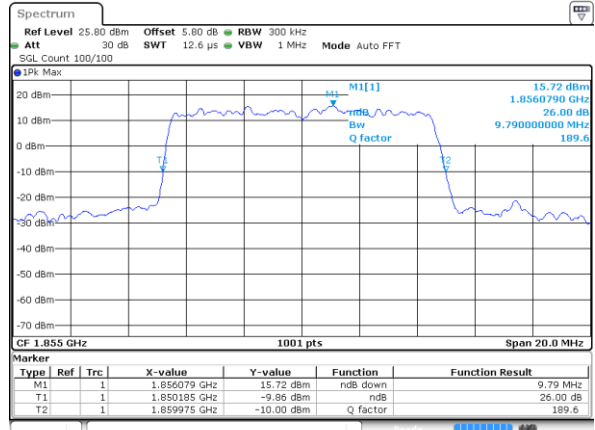
LTE Band 2

Lowest Channel / 10MHz / QPSK



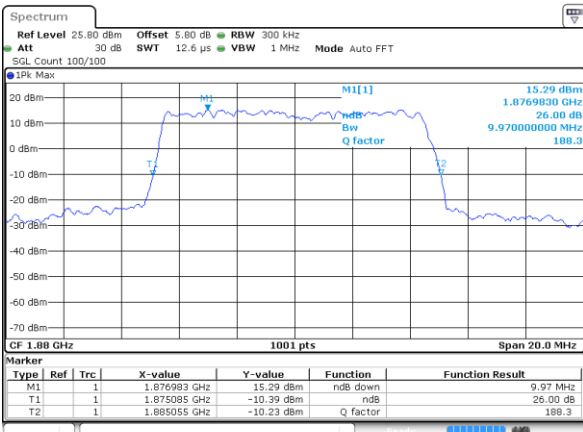
Date: 5 JUL 2019 11:16:40

Lowest Channel / 10MHz / 16QAM



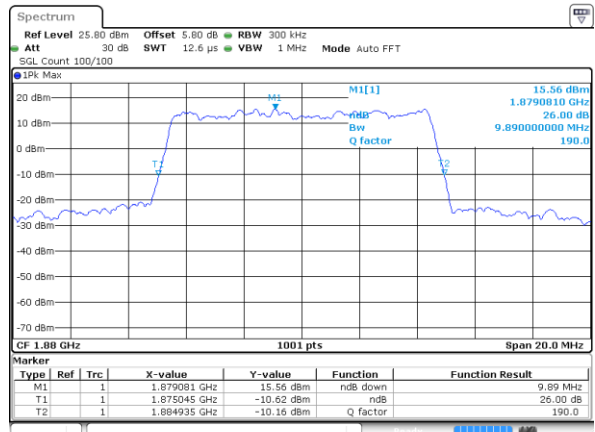
Date: 5 JUL 2019 11:16:50

Middle Channel / 10MHz / QPSK



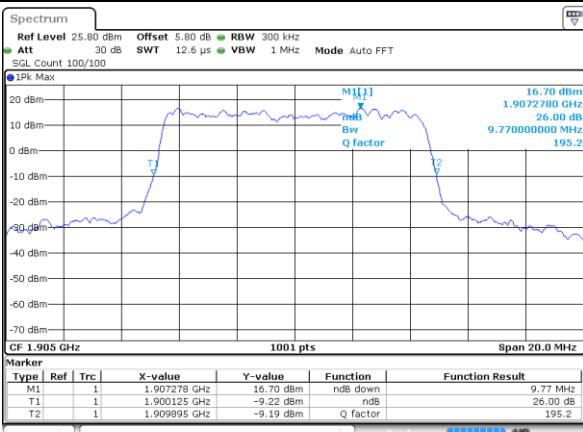
Date: 5 JUL 2019 11:23:41

Middle Channel / 10MHz / 16QAM



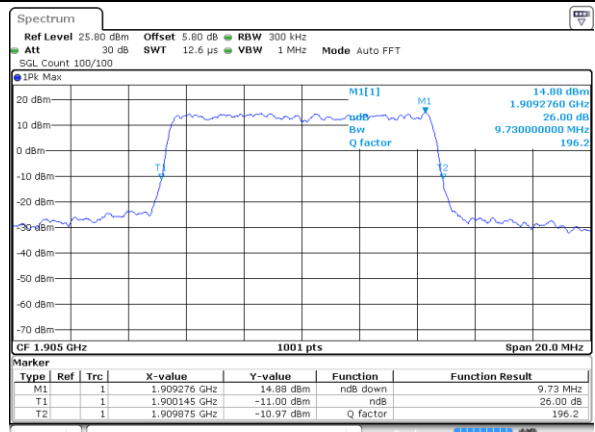
Date: 5 JUL 2019 11:23:51

Highest Channel / 10MHz / QPSK



Date: 5 JUL 2019 11:26:11

Highest Channel / 10MHz / 16QAM

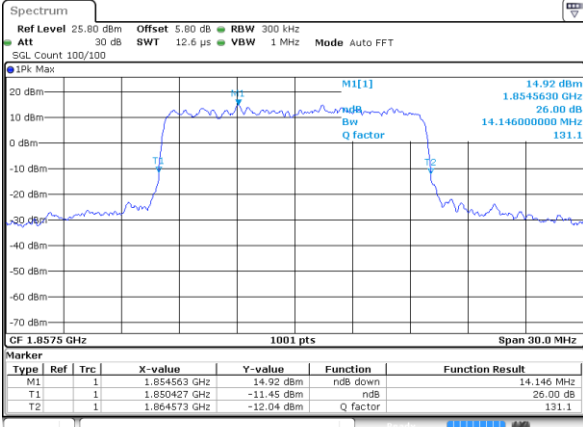


Date: 5 JUL 2019 11:26:21



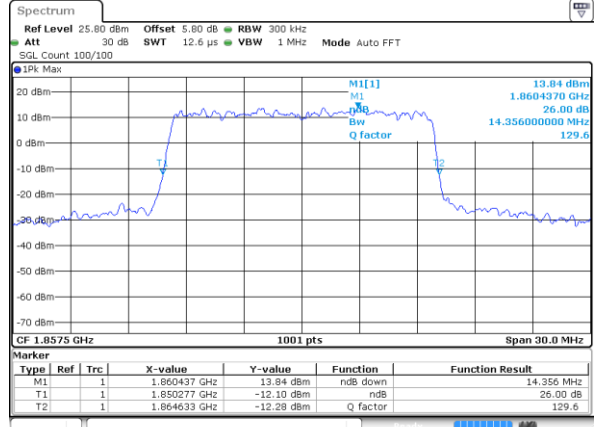
LTE Band 2

Lowest Channel / 15MHz / QPSK



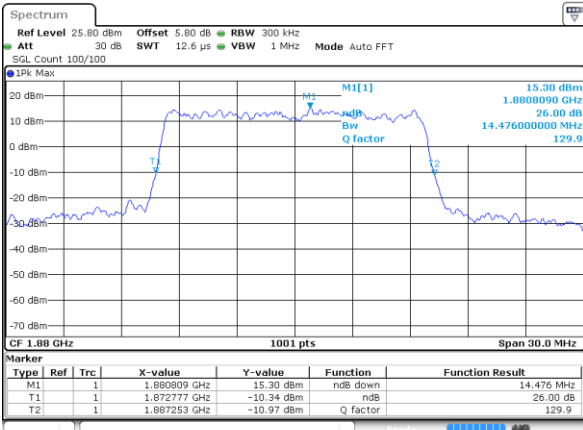
Date: 5 JUL 2019 11:33:11

Lowest Channel / 15MHz / 16QAM



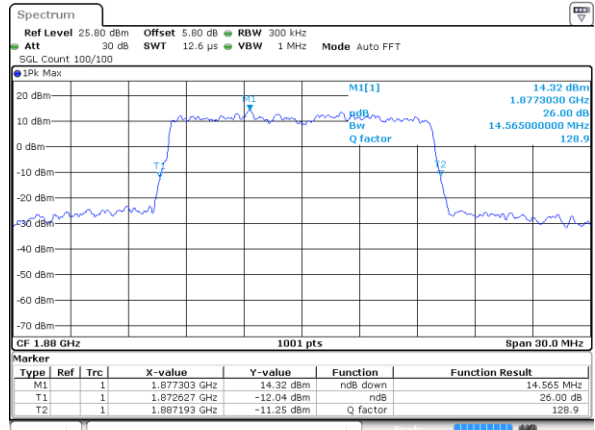
Date: 5 JUL 2019 11:33:21

Middle Channel / 15MHz / QPSK



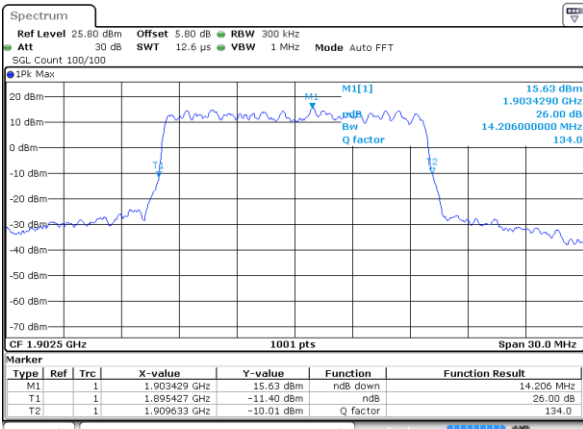
Date: 5 JUL 2019 11:40:11

Middle Channel / 15MHz / 16QAM



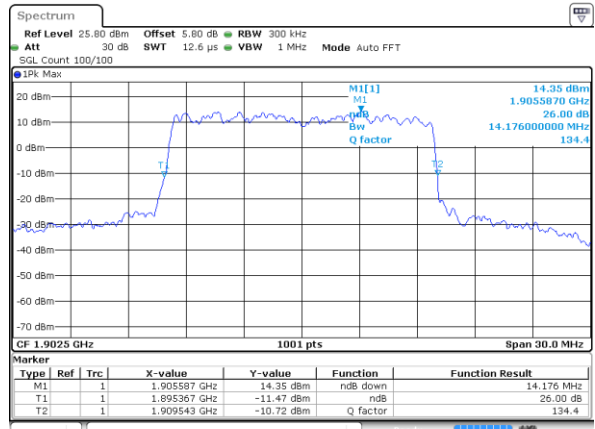
Date: 5 JUL 2019 11:40:21

Highest Channel / 15MHz / QPSK



Date: 5 JUL 2019 11:42:41

Highest Channel / 15MHz / 16QAM

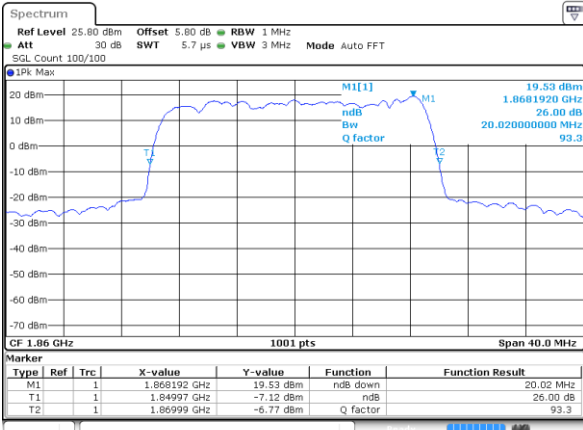


Date: 5 JUL 2019 11:42:51



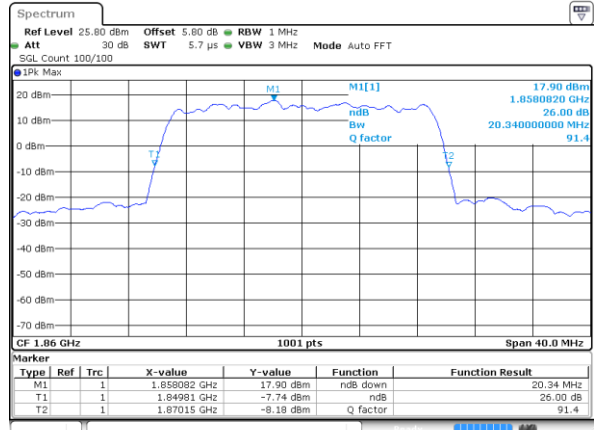
LTE Band 2

Lowest Channel / 20MHz / QPSK



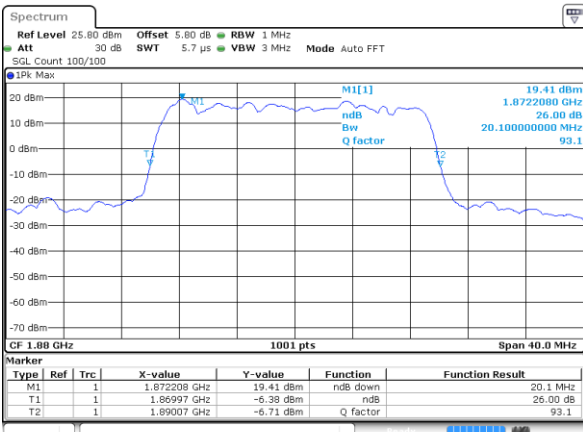
Date: 5 JUL 2019 11:49:41

Lowest Channel / 20MHz / 16QAM



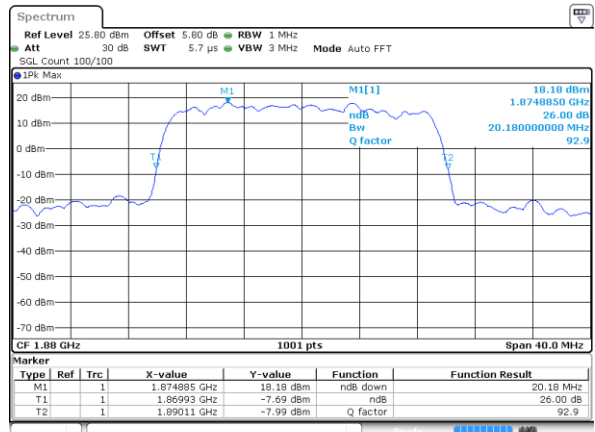
Date: 5 JUL 2019 11:49:51

Middle Channel / 20MHz / QPSK



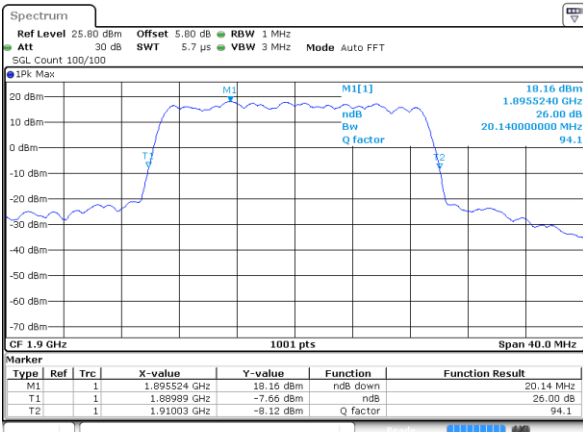
Date: 5 JUL 2019 11:56:41

Middle Channel / 20MHz / 16QAM



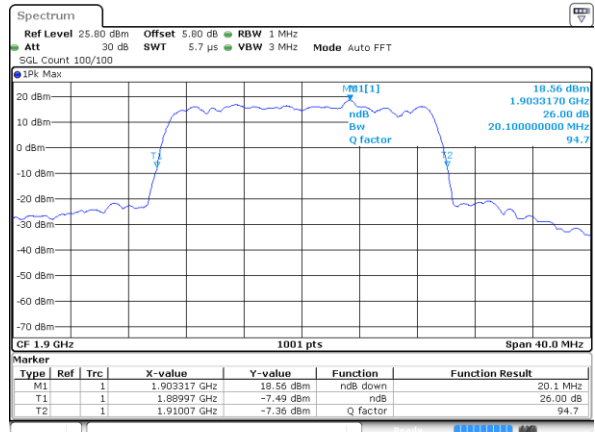
Date: 5 JUL 2019 11:56:51

Highest Channel / 20MHz / QPSK



Date: 5 JUL 2019 11:59:11

Highest Channel / 20MHz / 16QAM

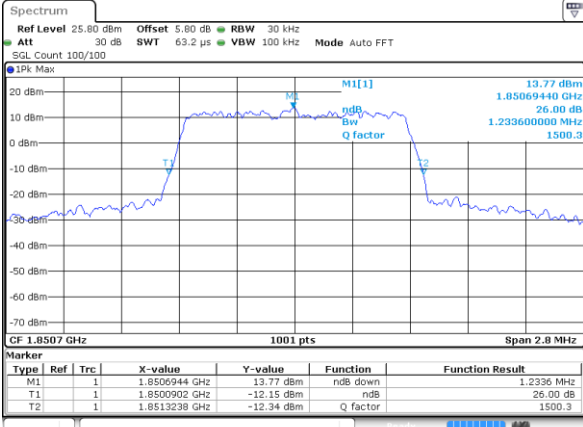


Date: 5 JUL 2019 11:59:21



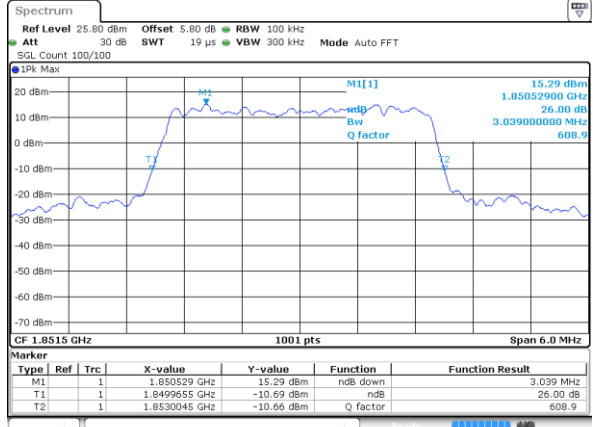
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



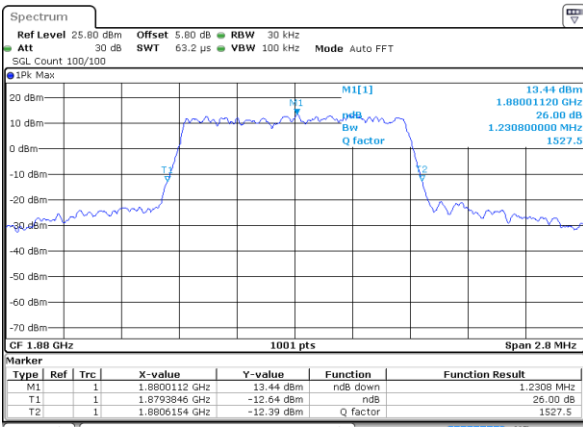
Date: 5 JUL 2019 12:08:52

Lowest Channel / 3MHz / 64QAM



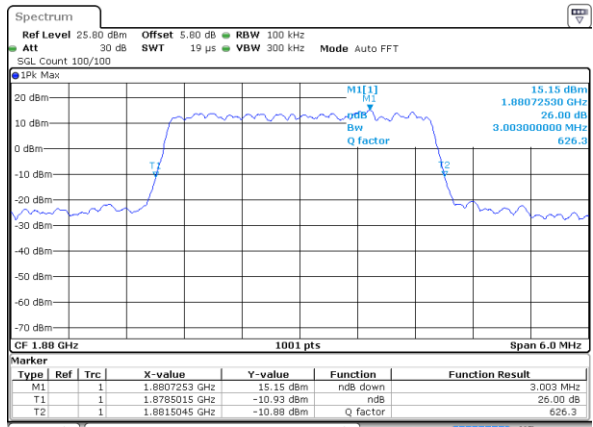
Date: 5 JUL 2019 12:09:22

Middle Channel / 1.4MHz / 64QAM



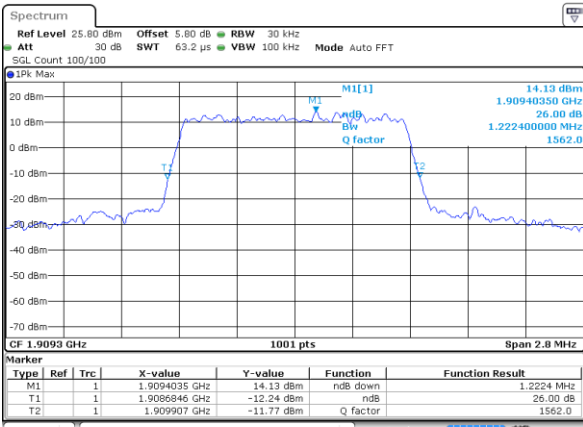
Date: 5 JUL 2019 12:09:02

Middle Channel / 3MHz / 64QAM



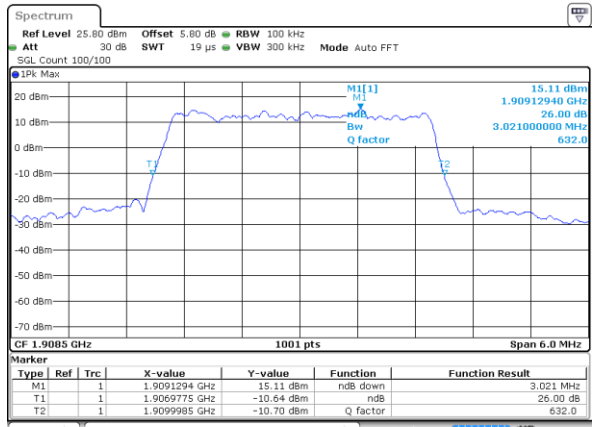
Date: 5 JUL 2019 12:09:32

Highest Channel / 1.4MHz / 64QAM



Date: 5 JUL 2019 12:09:12

Highest Channel / 3MHz / 64QAM

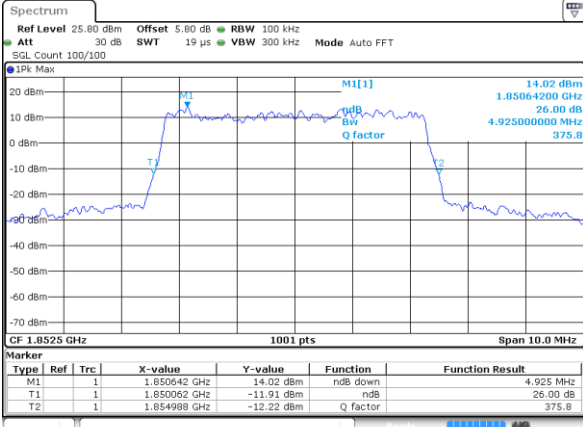


Date: 5 JUL 2019 12:09:42



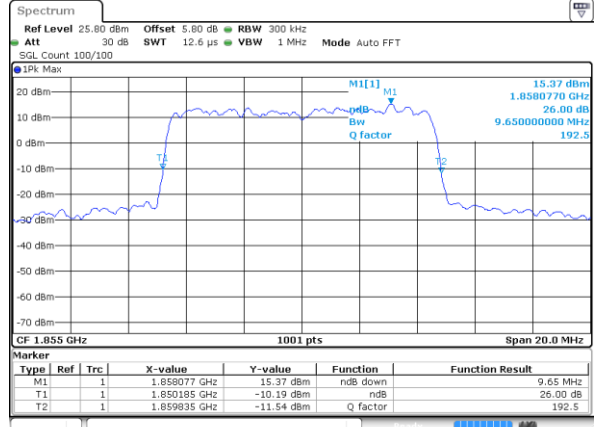
LTE Band 2

Lowest Channel / 5MHz / 64QAM



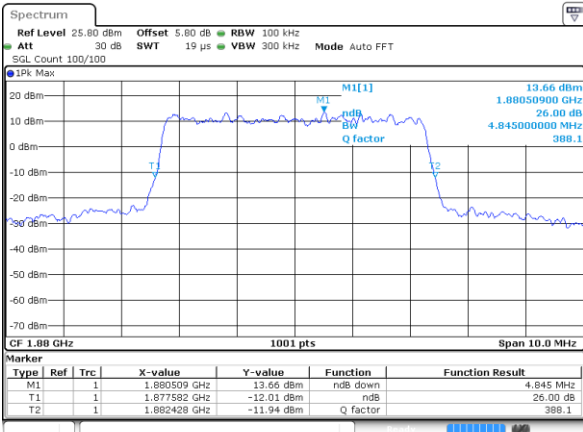
Date: 5 JUL 2019 12:09:52

Lowest Channel / 10MHz / 64QAM



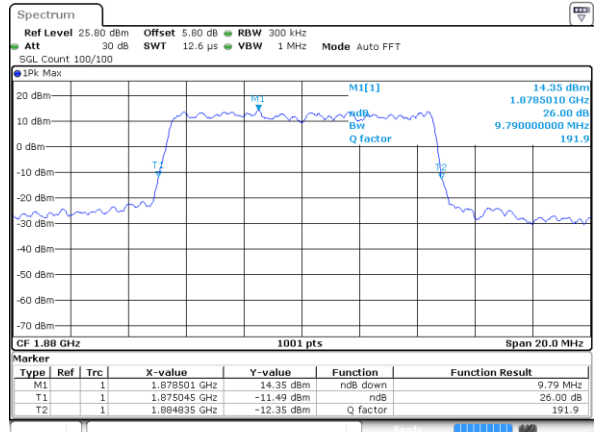
Date: 5 JUL 2019 12:10:22

Middle Channel / 5MHz / 64QAM



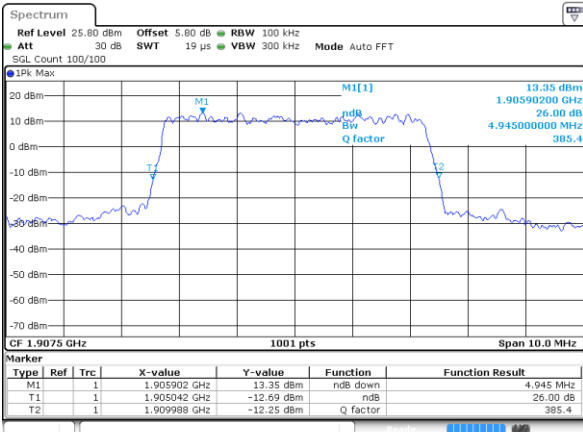
Date: 5 JUL 2019 12:10:02

Middle Channel / 10MHz / 64QAM



Date: 5 JUL 2019 12:10:32

Highest Channel / 5MHz / 64QAM



Date: 5 JUL 2019 12:10:12

Highest Channel / 10MHz / 64QAM

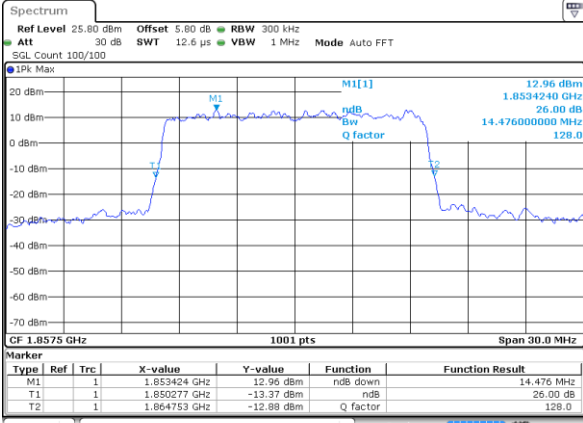


Date: 5 JUL 2019 12:10:42



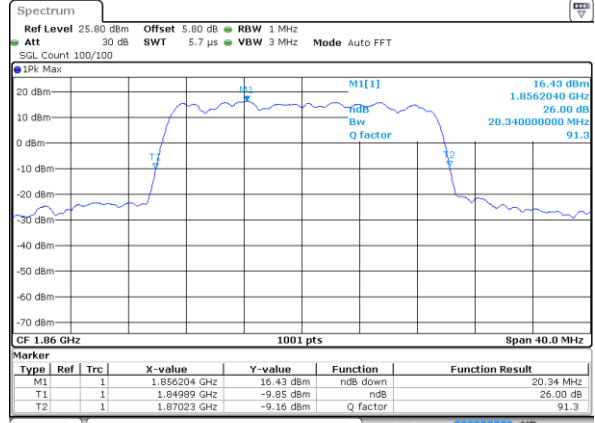
LTE Band 2

Lowest Channel / 15MHz / 64QAM



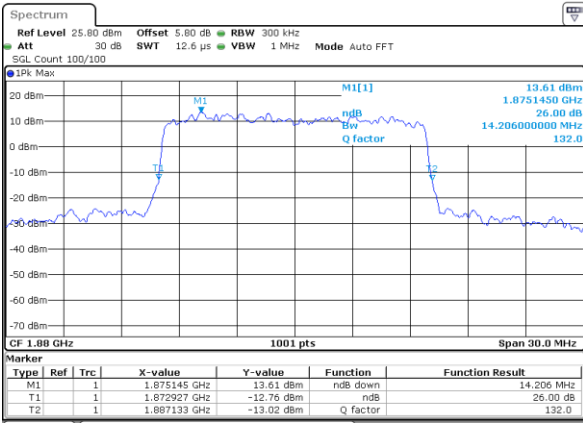
Date: 5 JUL 2019 12:10:52

Lowest Channel / 20MHz / 64QAM



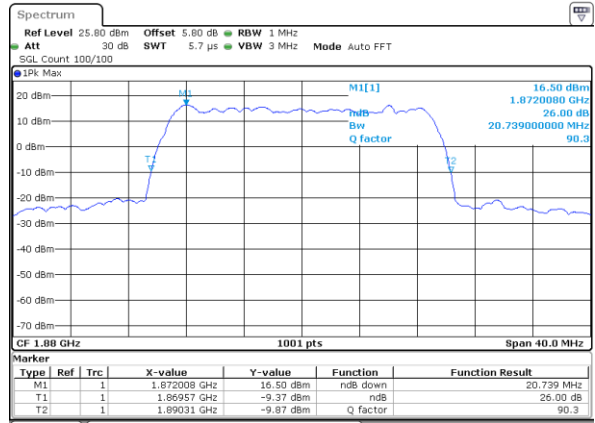
Date: 5 JUL 2019 12:11:22

Middle Channel / 15MHz / 64QAM



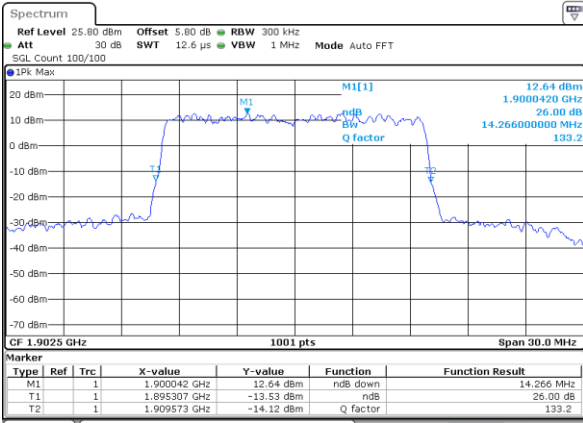
Date: 5 JUL 2019 12:11:02

Middle Channel / 20MHz / 64QAM



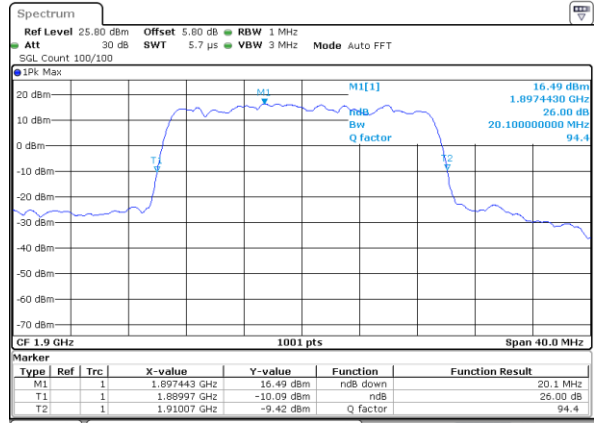
Date: 5 JUL 2019 12:11:32

Highest Channel / 15MHz / 64QAM



Date: 5 JUL 2019 12:11:12

Highest Channel / 20MHz / 64QAM

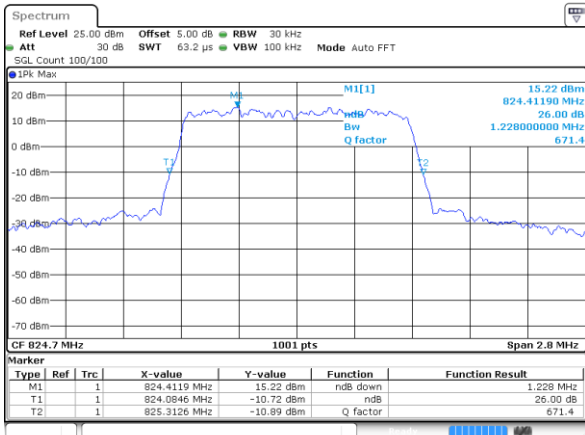


Date: 5 JUL 2019 12:11:42



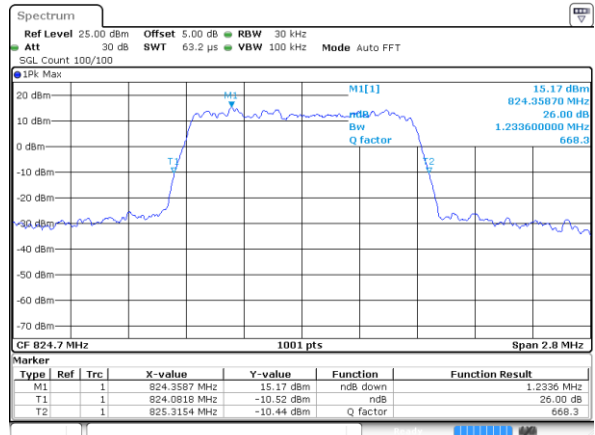
LTE Band 5

Lowest Channel / 1.4MHz / QPSK



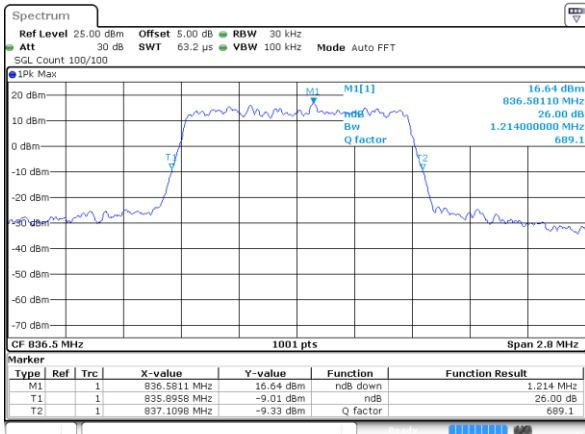
Date: 5 JUL 2019 14:01:45

Lowest Channel / 1.4MHz / 16QAM



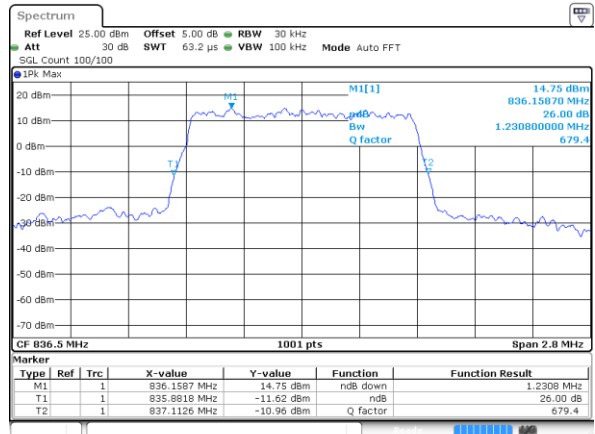
Date: 5 JUL 2019 14:01:35

Middle Channel / 1.4MHz / QPSK



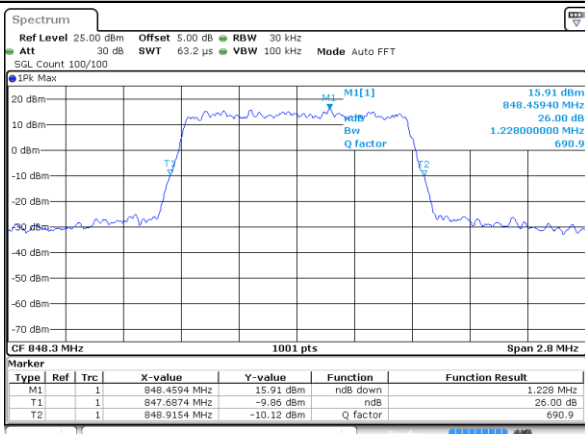
Date: 5 JUL 2019 14:10:35

Middle Channel / 1.4MHz / 16QAM



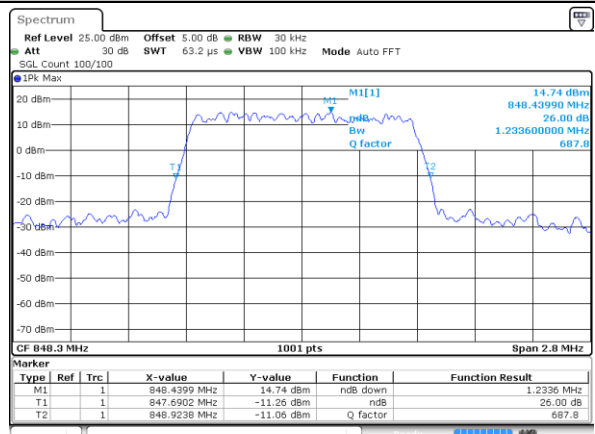
Date: 5 JUL 2019 14:10:45

Highest Channel / 1.4MHz / QPSK



Date: 5 JUL 2019 19:17:23

Highest Channel / 1.4MHz / 16QAM

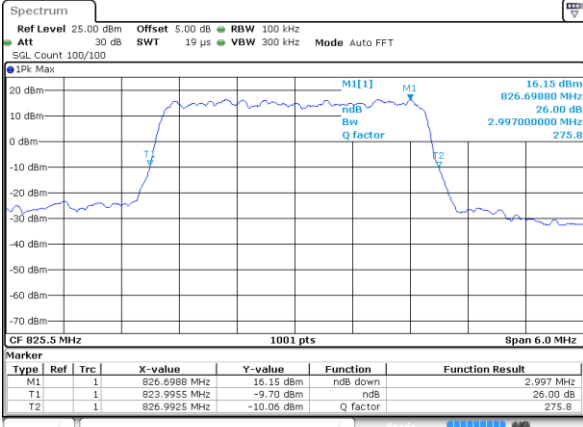


Date: 5 JUL 2019 19:17:33



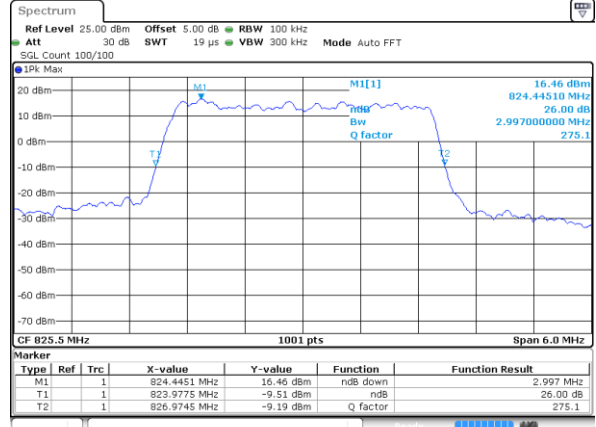
LTE Band 5

Lowest Channel / 3MHz / QPSK



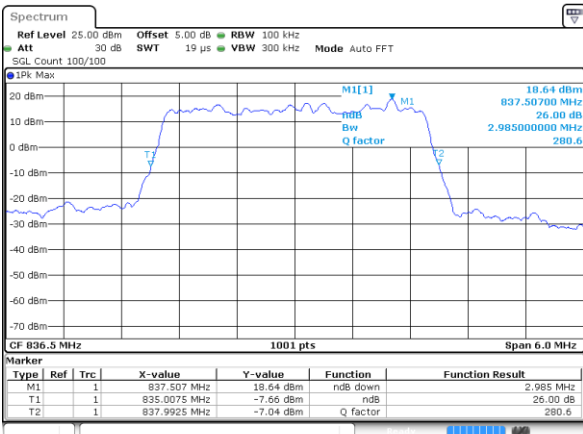
Date: 5 JUL 2019 19:26:23

Lowest Channel / 3MHz / 16QAM



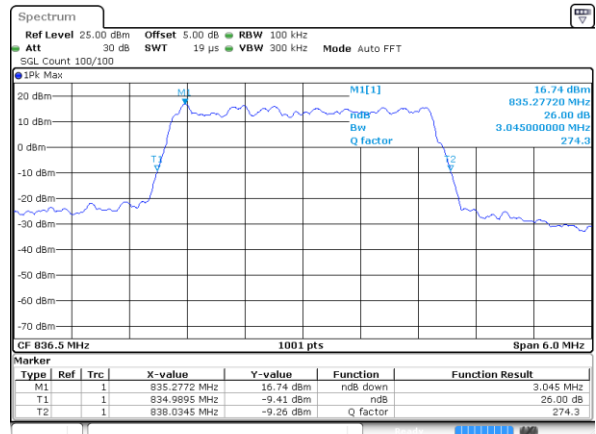
Date: 5 JUL 2019 19:26:33

Middle Channel / 3MHz / QPSK



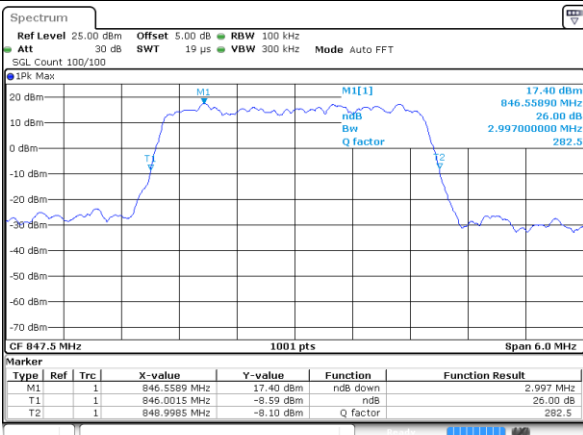
Date: 5 JUL 2019 19:35:22

Middle Channel / 3MHz / 16QAM



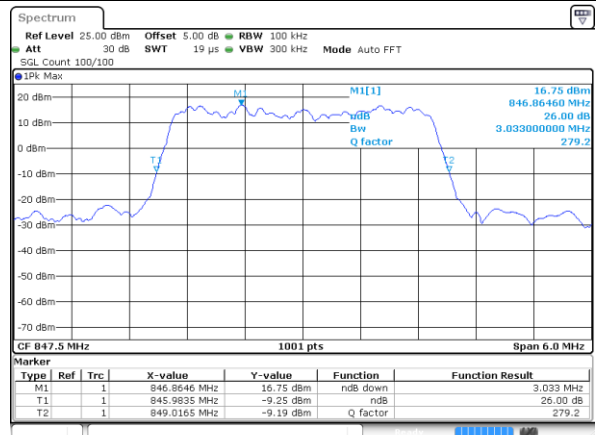
Date: 5 JUL 2019 19:35:32

Highest Channel / 3MHz / QPSK



Date: 5 JUL 2019 19:37:51

Highest Channel / 3MHz / 16QAM

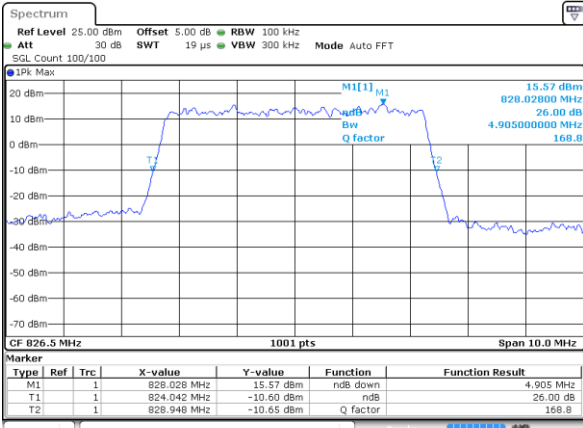


Date: 5 JUL 2019 19:38:01



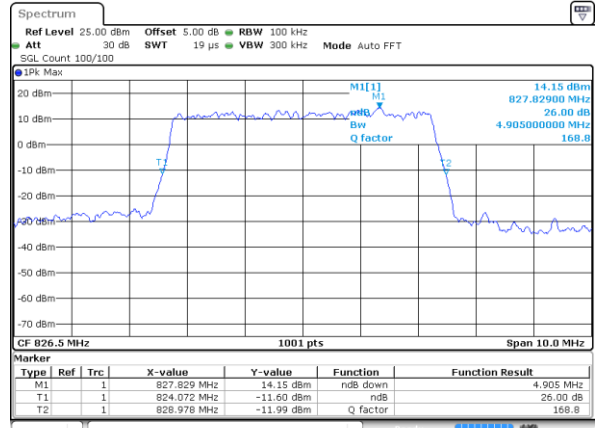
LTE Band 5

Lowest Channel / 5MHz / QPSK



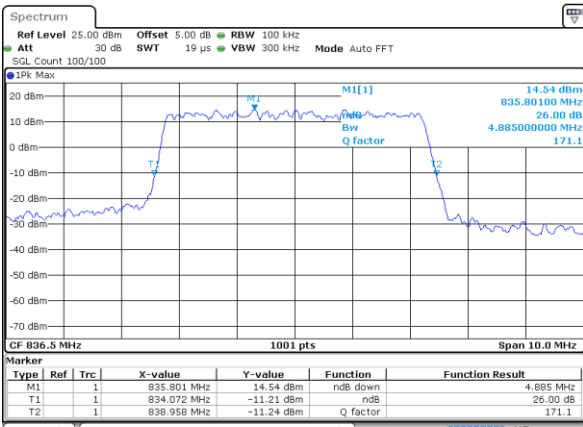
Date: 5 JUL 2019 19:46:50

Lowest Channel / 5MHz / 16QAM



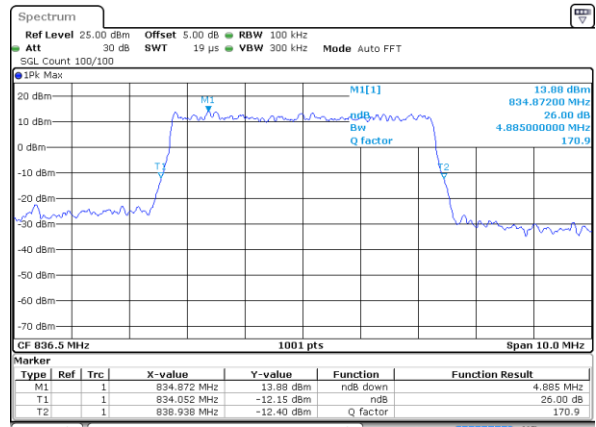
Date: 5 JUL 2019 19:47:00

Middle Channel / 5MHz / QPSK



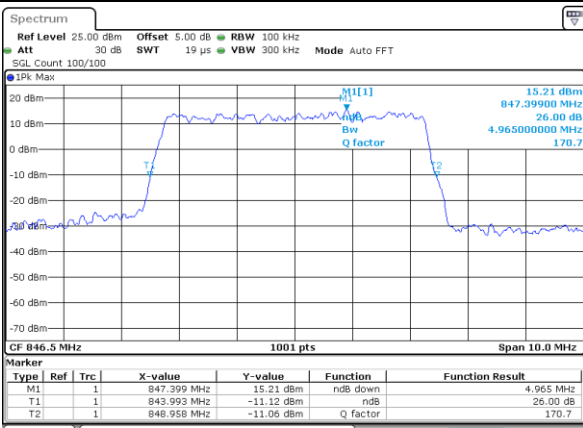
Date: 5 JUL 2019 19:55:50

Middle Channel / 5MHz / 16QAM



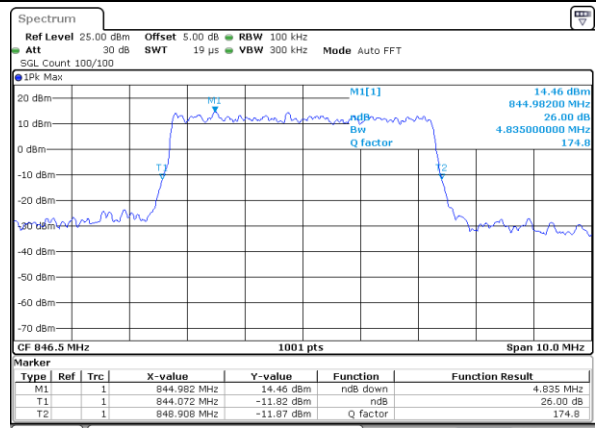
Date: 5 JUL 2019 19:56:00

Highest Channel / 5MHz / QPSK



Date: 5 JUL 2019 19:58:19

Highest Channel / 5MHz / 16QAM

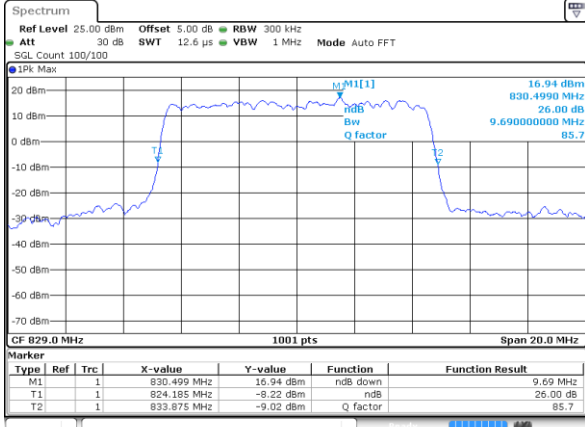


Date: 5 JUL 2019 19:58:29



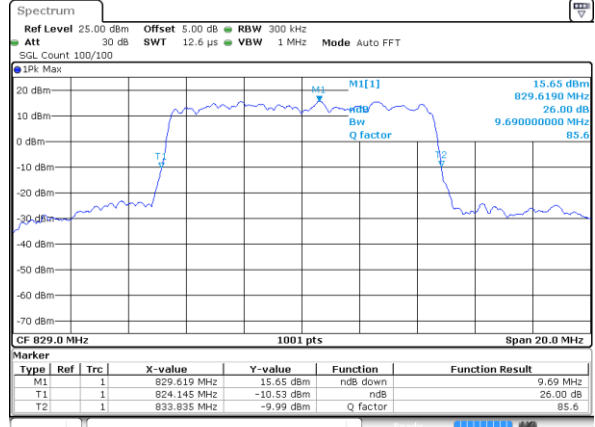
LTE Band 5

Lowest Channel / 10MHz / QPSK



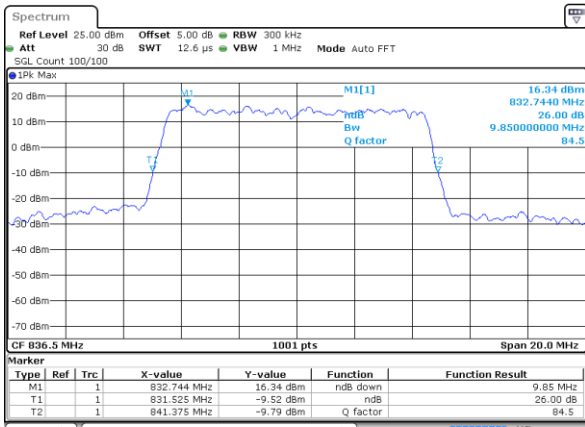
Date: 5 JUL 2019 20:07:19

Lowest Channel / 10MHz / 16QAM



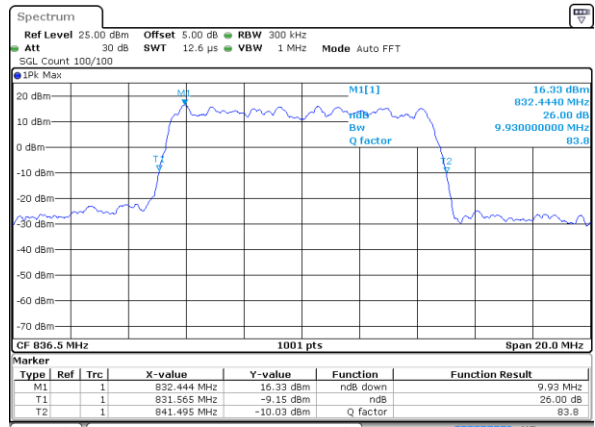
Date: 5 JUL 2019 20:07:29

Middle Channel / 10MHz / QPSK



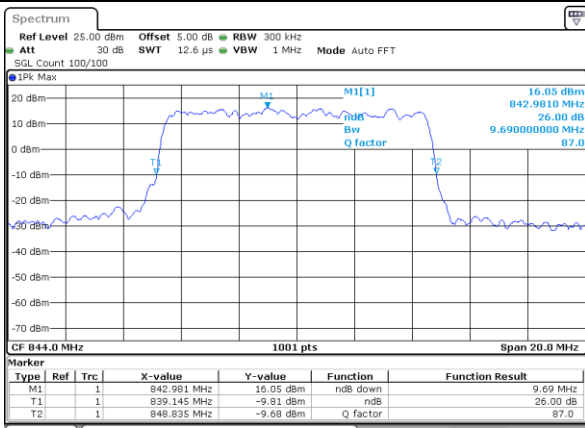
Date: 5 JUL 2019 20:16:18

Middle Channel / 10MHz / 16QAM



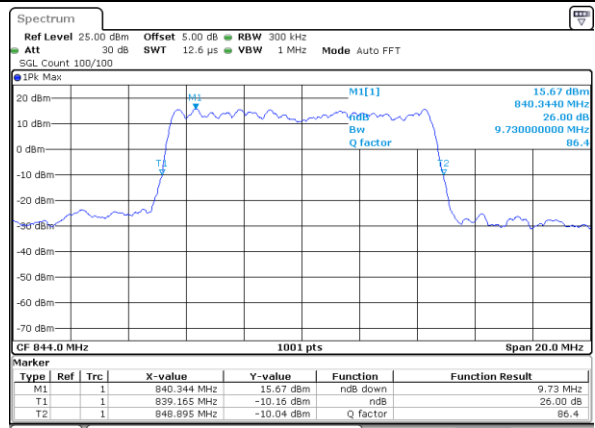
Date: 5 JUL 2019 20:16:28

Highest Channel / 10MHz / QPSK



Date: 5 JUL 2019 20:18:47

Highest Channel / 10MHz / 16QAM

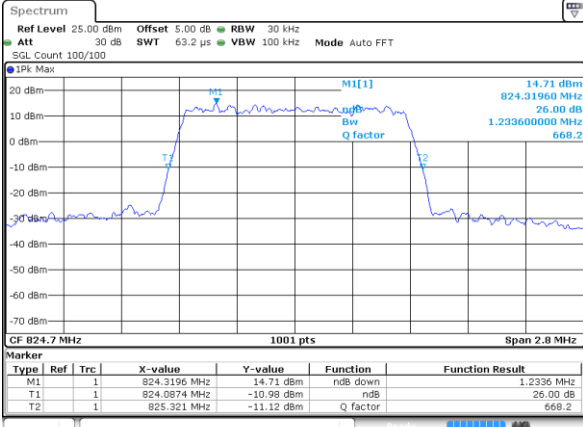


Date: 5 JUL 2019 20:18:57



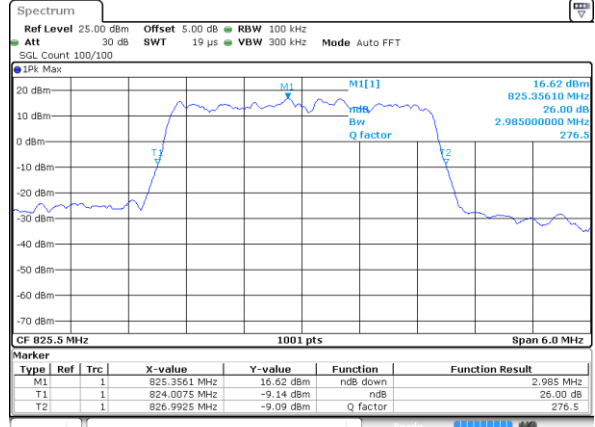
LTE Band 5

Lowest Channel / 1.4MHz / 64QAM



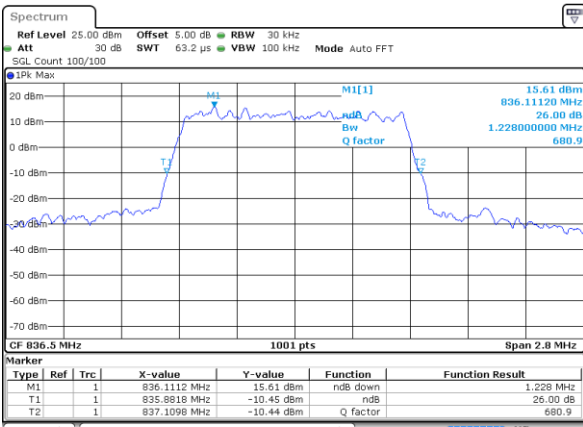
Date: 5 JUL 2019 20:30:43

Lowest Channel / 3MHz / 64QAM



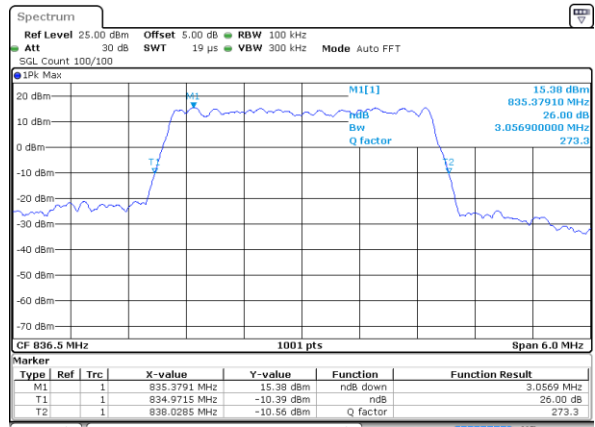
Date: 5 JUL 2019 20:40:57

Middle Channel / 1.4MHz / 64QAM



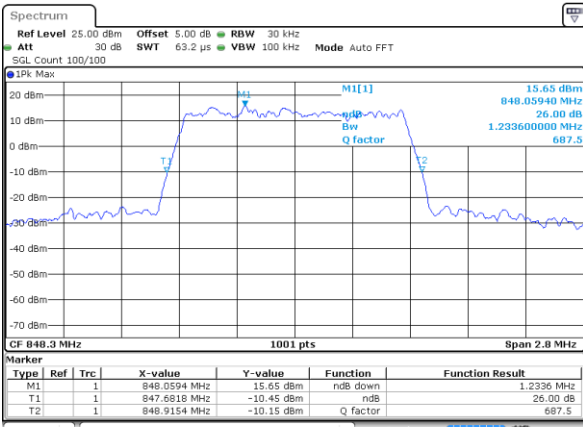
Date: 5 JUL 2019 20:36:07

Middle Channel / 3MHz / 64QAM



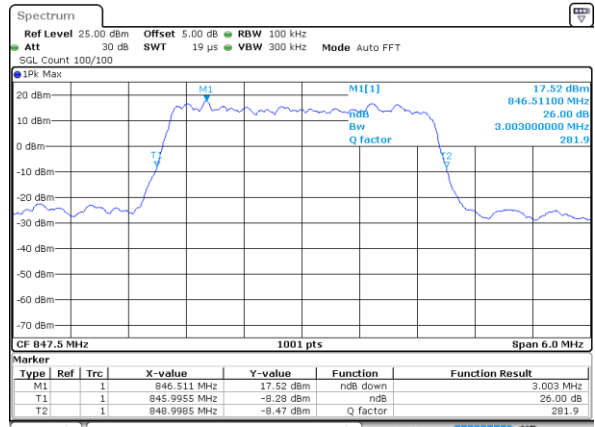
Date: 5 JUL 2019 20:46:21

Highest Channel / 1.4MHz / 64QAM



Date: 5 JUL 2019 20:36:27

Highest Channel / 3MHz / 64QAM

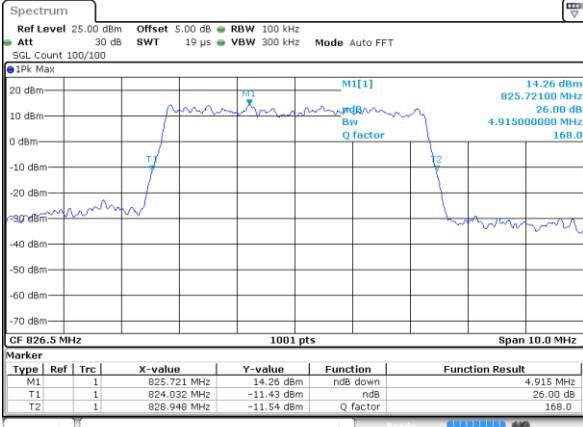


Date: 5 JUL 2019 20:46:41



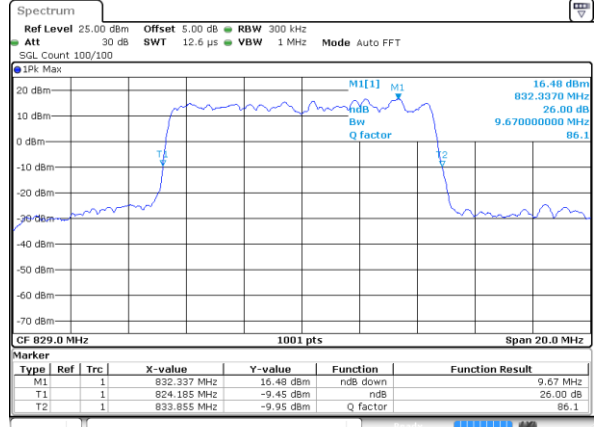
LTE Band 5

Lowest Channel / 5MHz / 64QAM



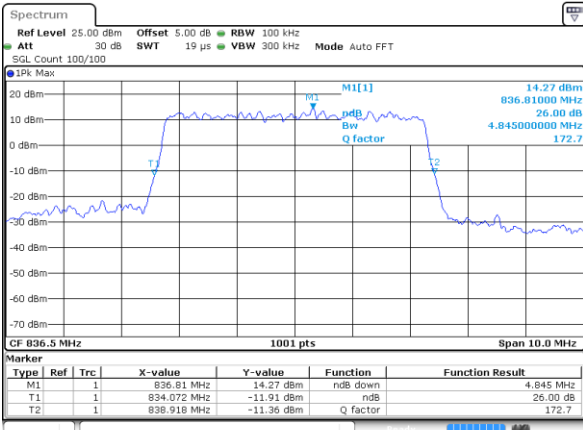
Date: 5 JUL 2019 20:51:11

Lowest Channel / 10MHz / 64QAM



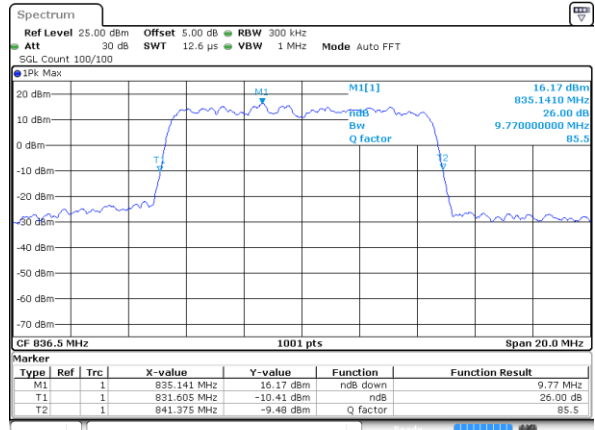
Date: 5 JUL 2019 21:01:25

Middle Channel / 5MHz / 64QAM



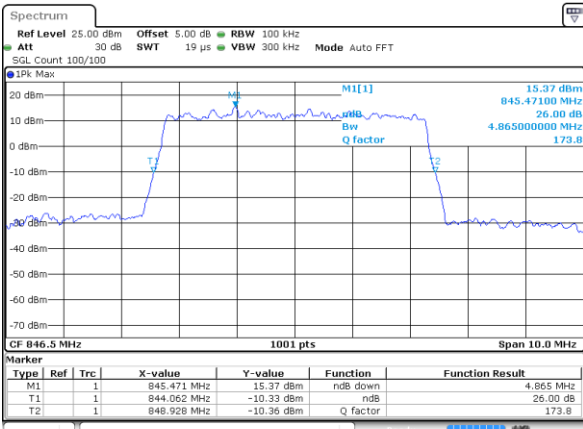
Date: 5 JUL 2019 20:56:36

Middle Channel / 10MHz / 64QAM



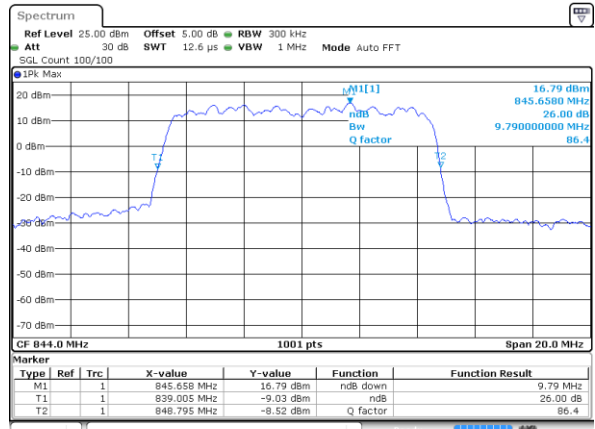
Date: 5 JUL 2019 21:06:50

Highest Channel / 5MHz / 64QAM



Date: 5 JUL 2019 20:56:56

Highest Channel / 10MHz / 64QAM

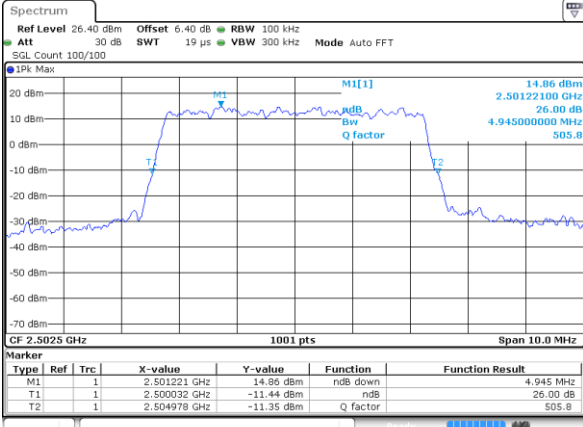


Date: 5 JUL 2019 21:07:10



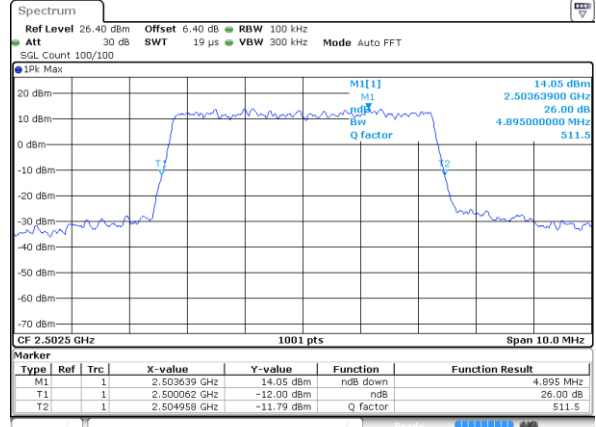
LTE Band 7

Lowest Channel / 5MHz / QPSK



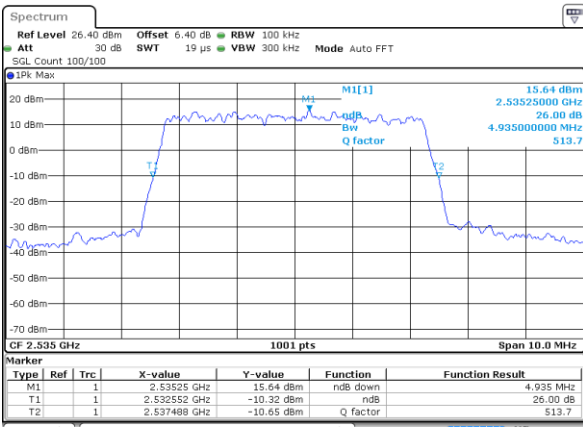
Date: 6 JUL 2019 14:40:13

Lowest Channel / 5MHz / 16QAM



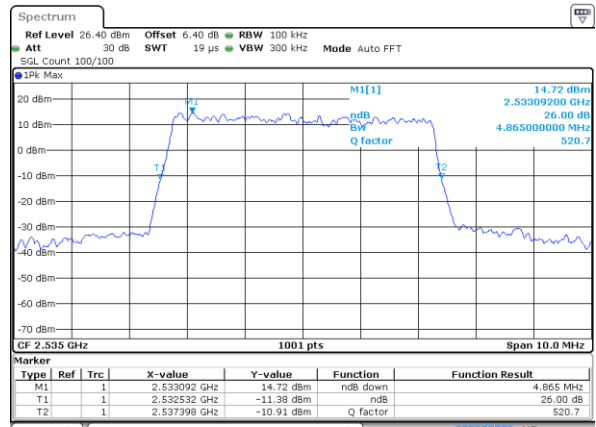
Date: 6 JUL 2019 14:40:33

Middle Channel / 5MHz / QPSK



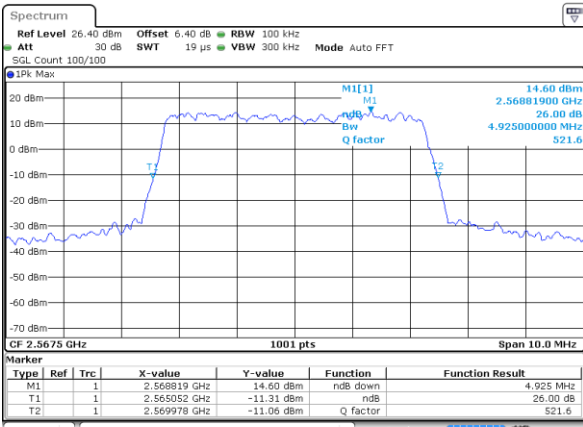
Date: 6 JUL 2019 14:41:14

Middle Channel / 5MHz / 16QAM



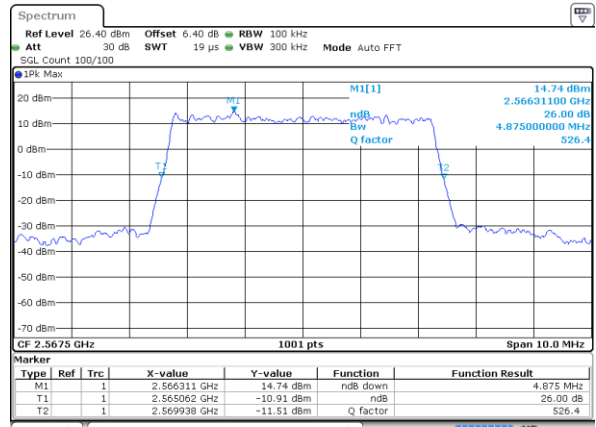
Date: 6 JUL 2019 14:40:53

Highest Channel / 5MHz / QPSK



Date: 6 JUL 2019 14:41:34

Highest Channel / 5MHz / 16QAM

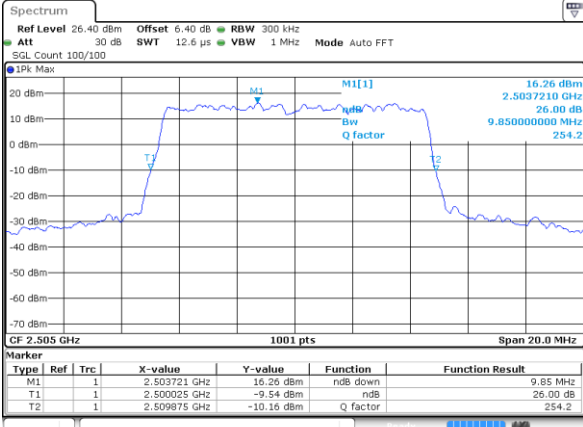


Date: 6 JUL 2019 14:41:54



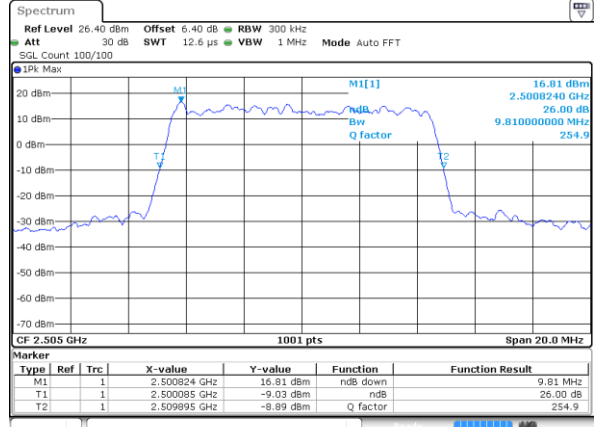
LTE Band 7

Lowest Channel / 10MHz / QPSK



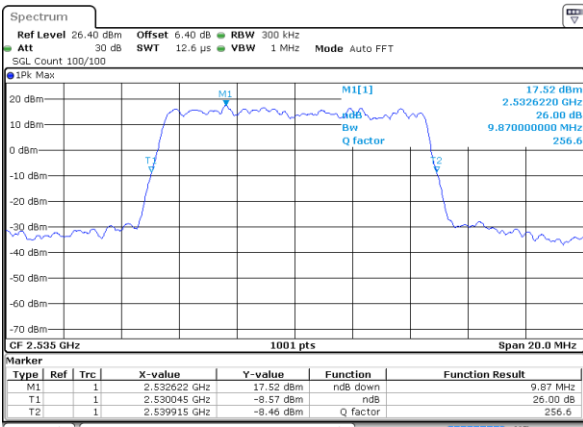
Date: 6 JUL 2019 14:56:45

Lowest Channel / 10MHz / 16QAM



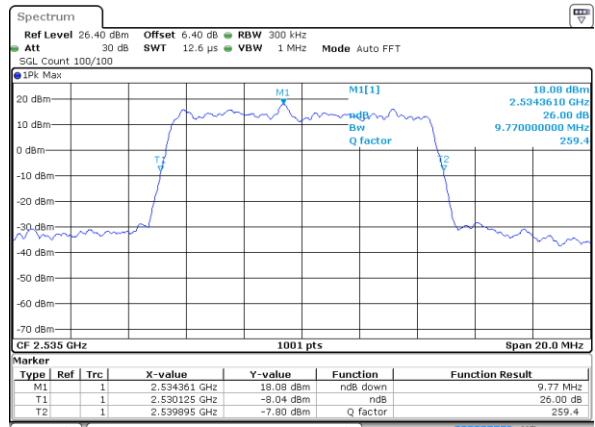
Date: 6 JUL 2019 14:57:05

Middle Channel / 10MHz / QPSK



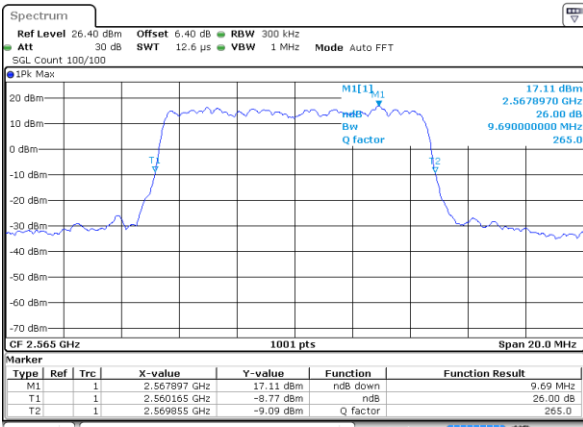
Date: 6 JUL 2019 14:57:45

Middle Channel / 10MHz / 16QAM



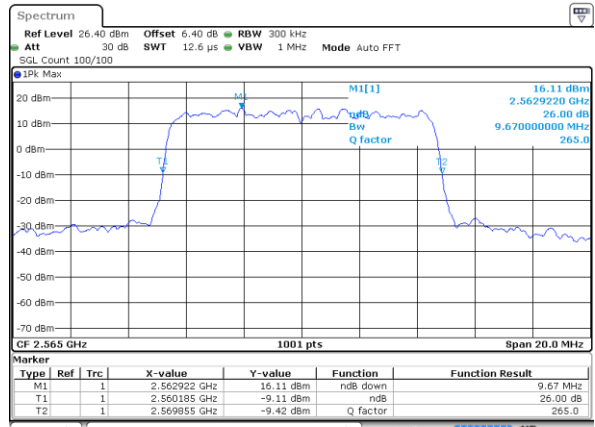
Date: 6 JUL 2019 14:57:25

Highest Channel / 10MHz / QPSK



Date: 6 JUL 2019 14:58:06

Highest Channel / 10MHz / 16QAM

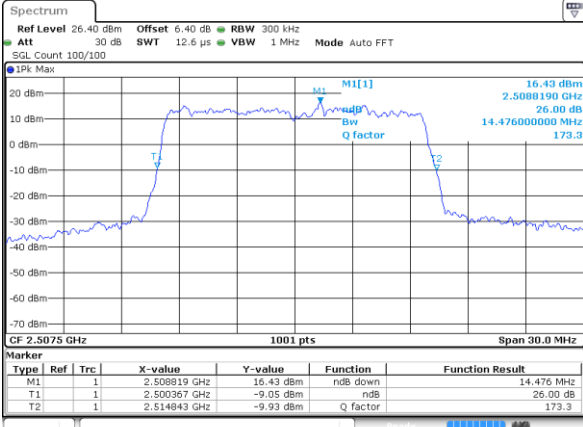


Date: 6 JUL 2019 14:58:26



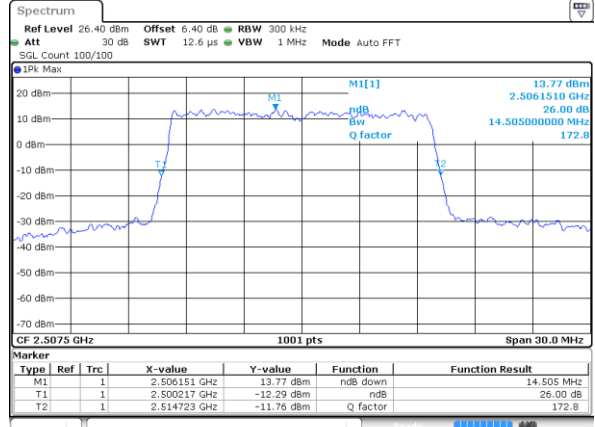
LTE Band 7

Lowest Channel / 15MHz / QPSK



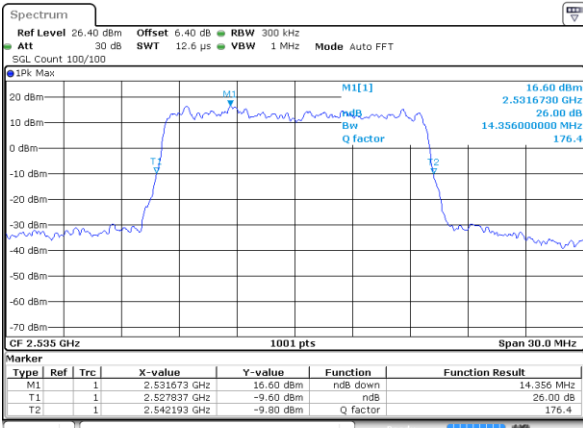
Date: 6 JUL 2019 15:13:35

Lowest Channel / 15MHz / 16QAM



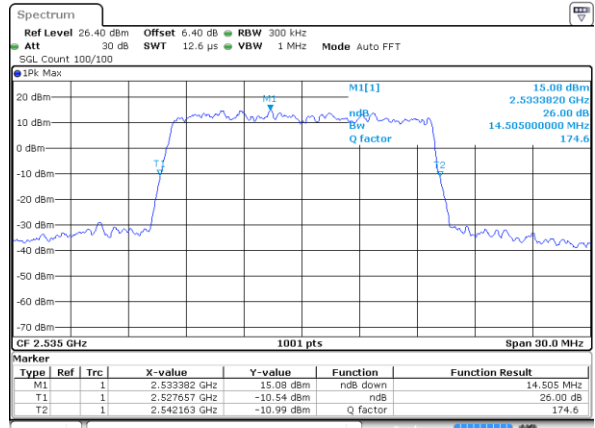
Date: 6 JUL 2019 15:13:15

Middle Channel / 15MHz / QPSK



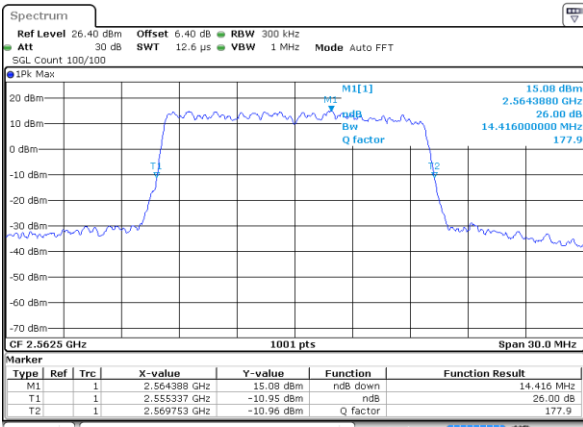
Date: 6 JUL 2019 15:13:56

Middle Channel / 15MHz / 16QAM



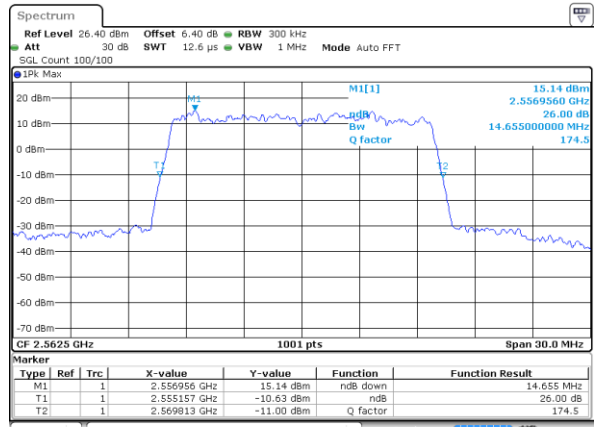
Date: 6 JUL 2019 15:14:16

Highest Channel / 15MHz / QPSK



Date: 6 JUL 2019 15:14:56

Highest Channel / 15MHz / 16QAM

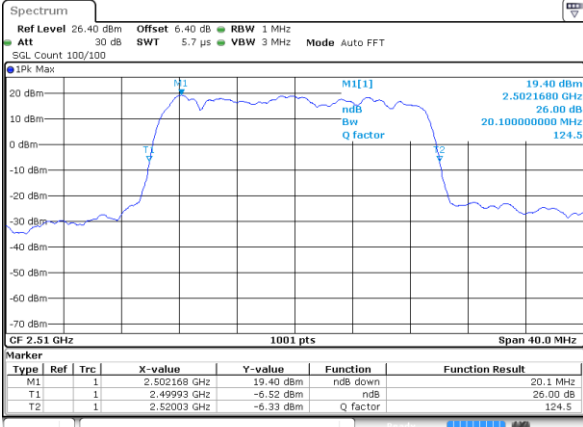


Date: 6 JUL 2019 15:14:36



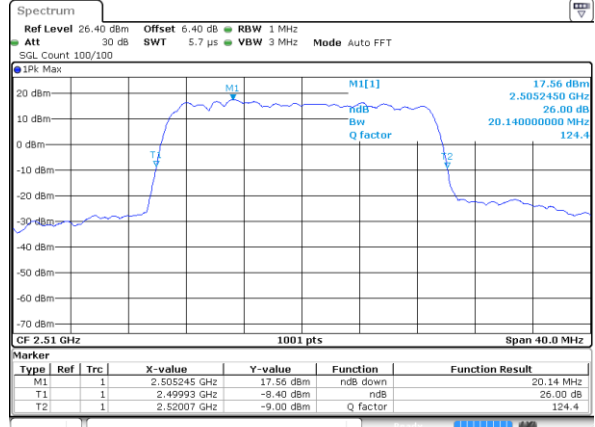
LTE Band 7

Lowest Channel / 20MHz / QPSK



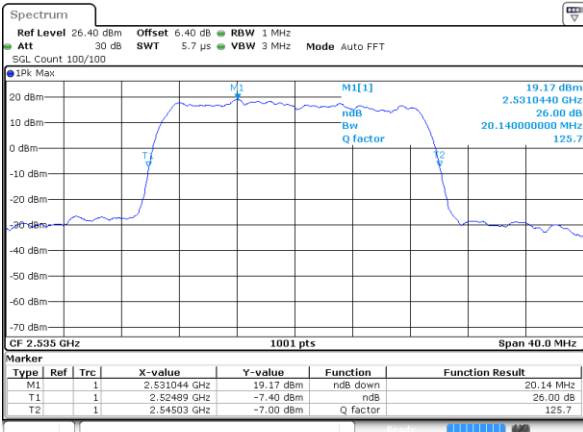
Date: 6 JUL 2019 15:30:07

Lowest Channel / 20MHz / 16QAM



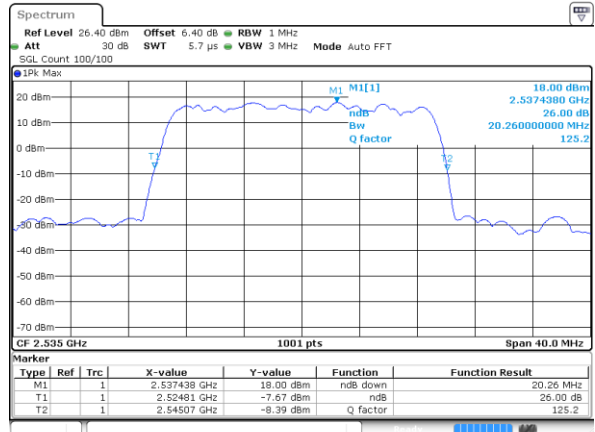
Date: 6 JUL 2019 15:29:47

Middle Channel / 20MHz / QPSK



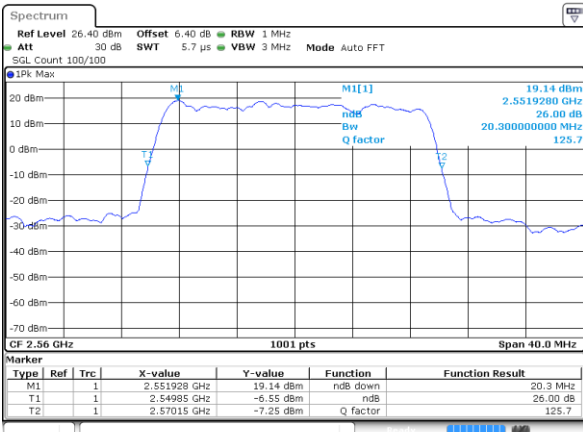
Date: 6 JUL 2019 15:30:28

Middle Channel / 20MHz / 16QAM



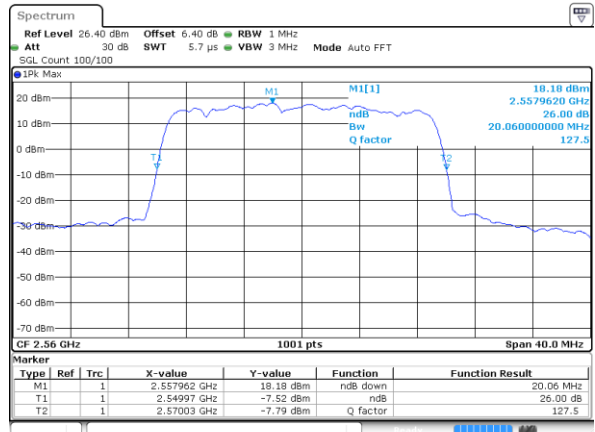
Date: 6 JUL 2019 15:30:48

Highest Channel / 20MHz / QPSK



Date: 6 JUL 2019 15:31:28

Highest Channel / 20MHz / 16QAM

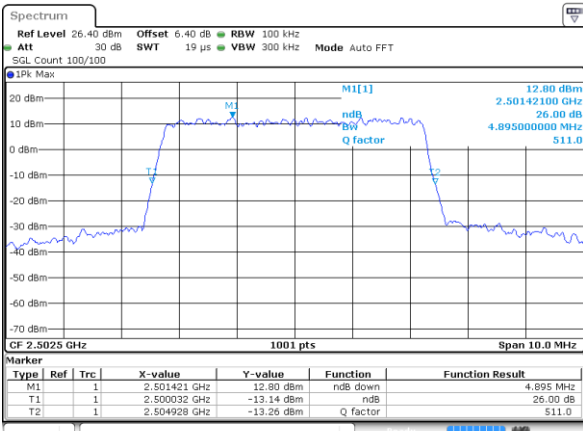


Date: 6 JUL 2019 15:31:08



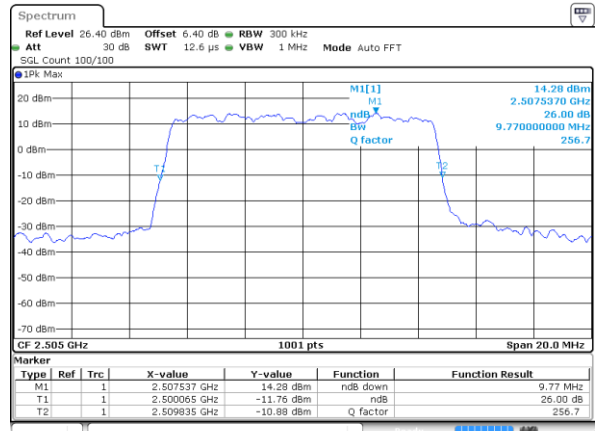
LTE Band 7

Lowest Channel / 5MHz / 64QAM



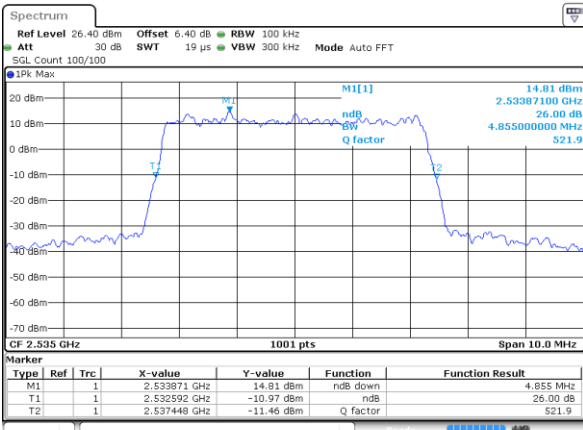
Date: 6 JUL 2019 15:54:13

Lowest Channel / 10MHz / 64QAM



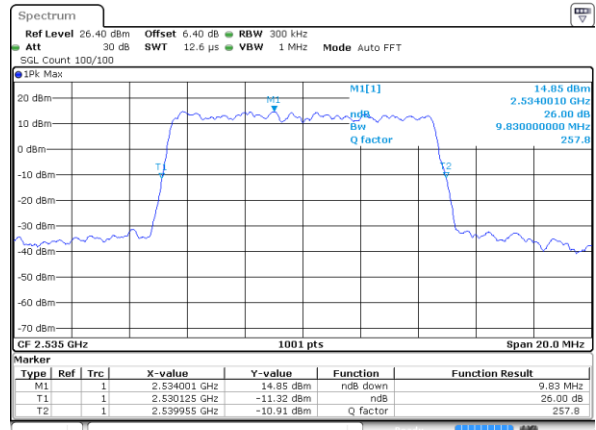
Date: 6 JUL 2019 16:00:13

Middle Channel / 5MHz / 64QAM



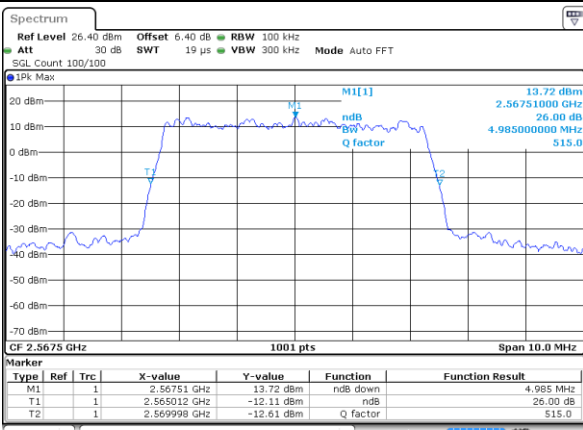
Date: 6 JUL 2019 15:54:23

Middle Channel / 10MHz / 64QAM



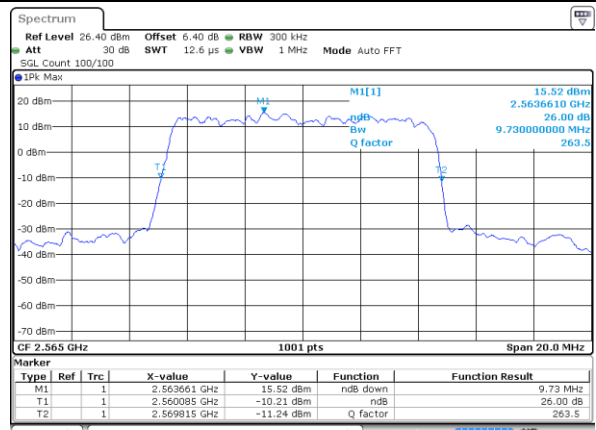
Date: 6 JUL 2019 16:00:23

Highest Channel / 5MHz / 64QAM



Date: 6 JUL 2019 15:54:34

Highest Channel / 10MHz / 64QAM

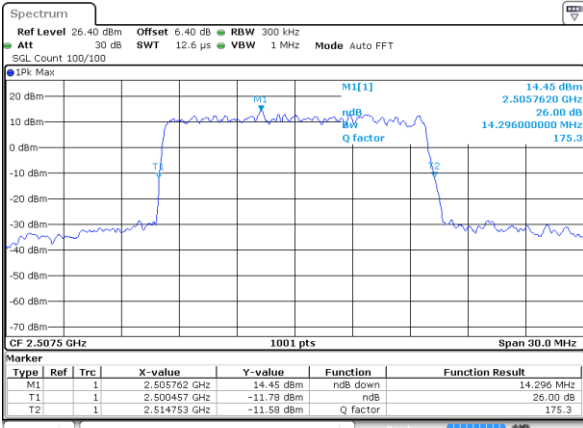


Date: 6 JUL 2019 16:00:33



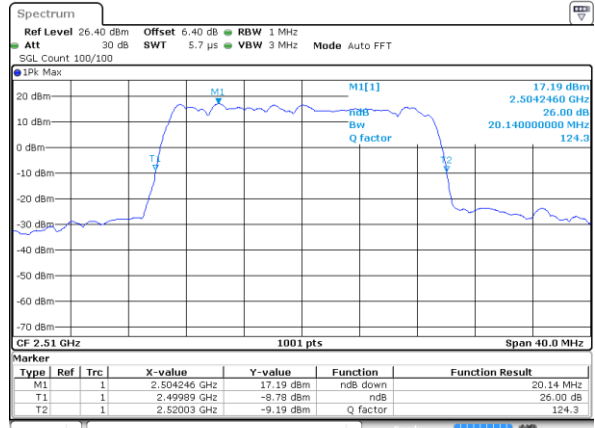
LTE Band 7

Lowest Channel / 15MHz / 64QAM



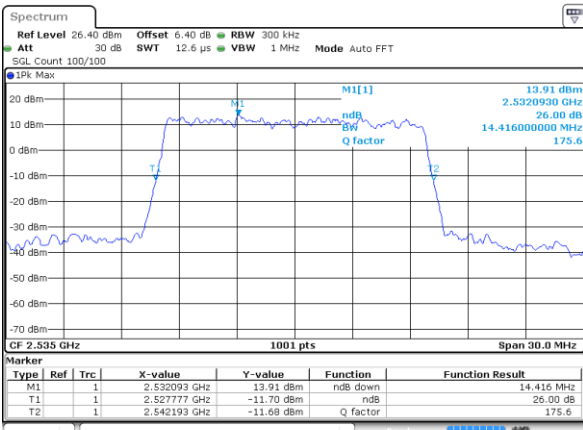
Date: 6 JUL 2019 16:06:11

Lowest Channel / 20MHz / 64QAM



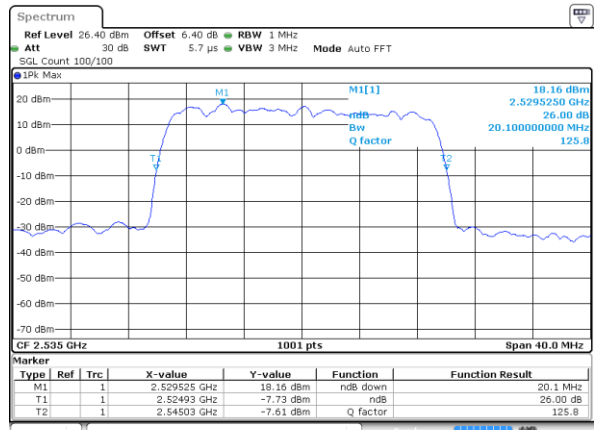
Date: 6 JUL 2019 16:12:10

Middle Channel / 15MHz / 64QAM



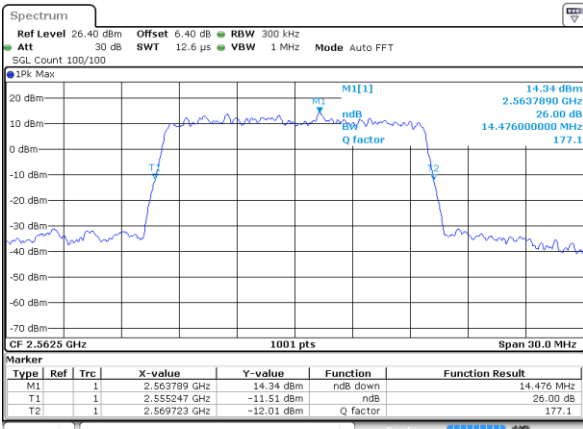
Date: 6 JUL 2019 16:06:21

Middle Channel / 20MHz / 64QAM



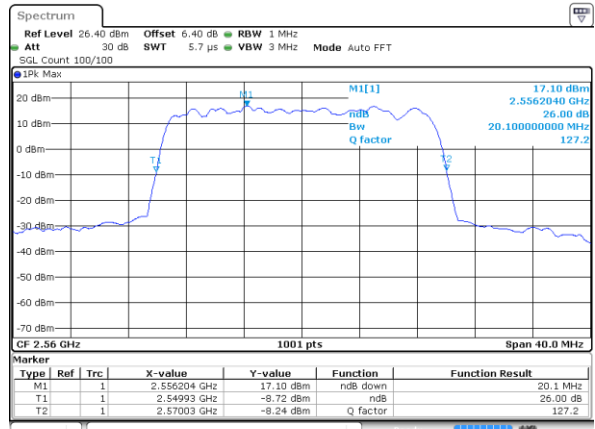
Date: 6 JUL 2019 16:12:20

Highest Channel / 15MHz / 64QAM



Date: 6 JUL 2019 16:06:31

Highest Channel / 20MHz / 64QAM



Date: 6 JUL 2019 16:12:30