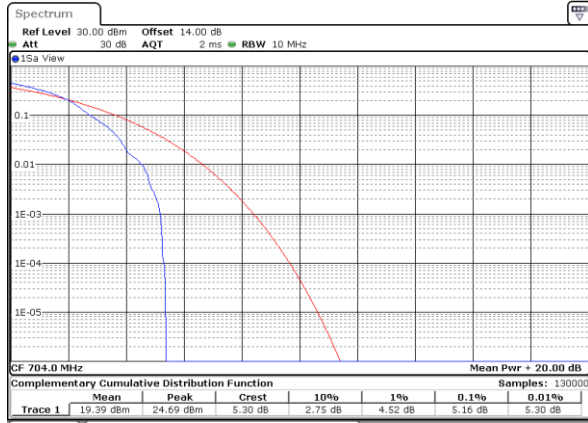


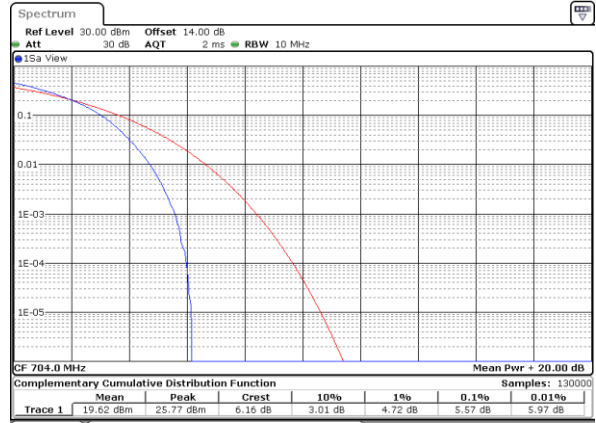
LTE Band 12 / 10MHz / 16QAM

Lowest Channel / 1RB



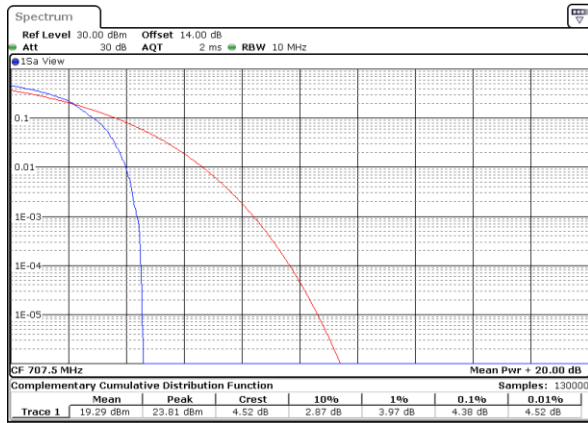
Date: 12 SEP 2018 18:16:13

Lowest Channel / Full RB



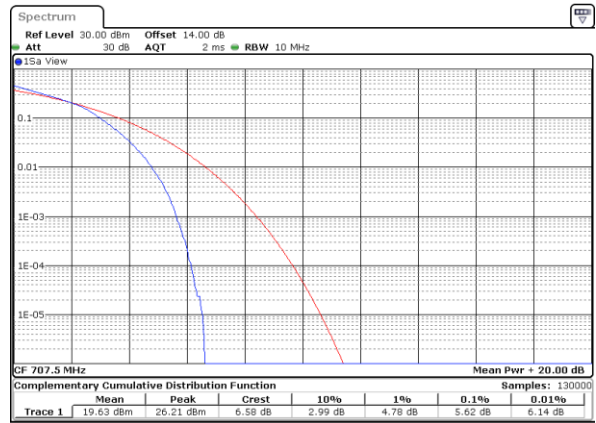
Date: 12 SEP 2018 18:16:32

Middle Channel / 1RB



Date: 12 SEP 2018 18:16:43

Middle Channel / Full RB



Date: 12 SEP 2018 18:17:04

Highest Channel / 1RB



Date: 12 SEP 2018 18:17:14

Highest Channel / Full RB

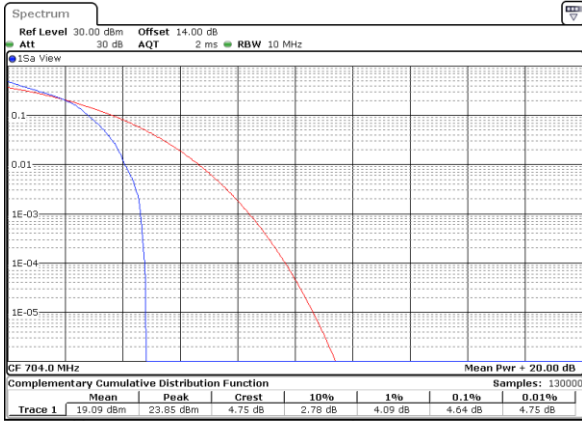


Date: 12 SEP 2018 18:17:26



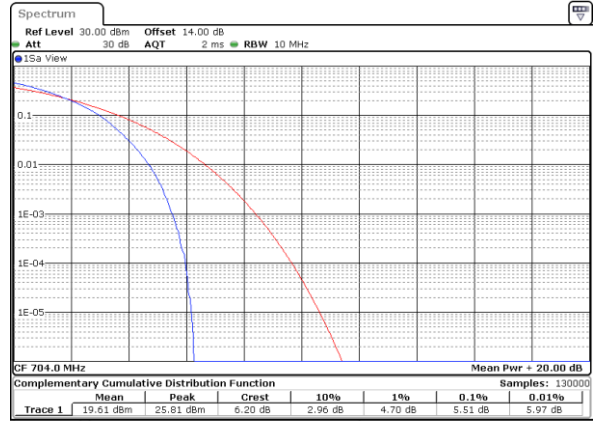
LTE Band 12 / 10MHz / 64QAM

Lowest Channel / 1RB



Date: 12 SEP 2018 19:06:44

Lowest Channel / Full RB



Date: 12 SEP 2018 19:06:53

Middle Channel / 1RB



Date: 12 SEP 2018 19:11:10

Middle Channel / Full RB



Date: 12 SEP 2018 19:11:20

Highest Channel / 1RB



Date: 12 SEP 2018 19:19:20

Highest Channel / Full RB

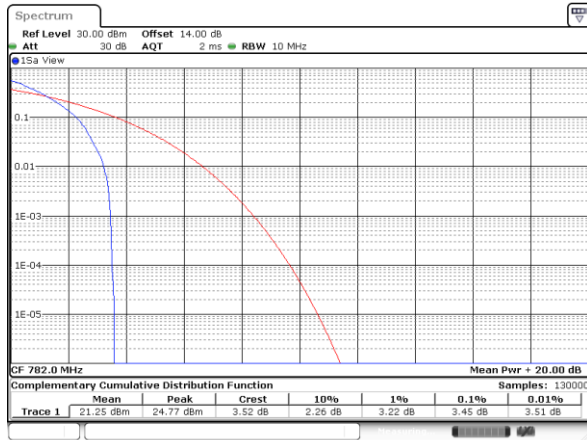


Date: 12 SEP 2018 19:19:31

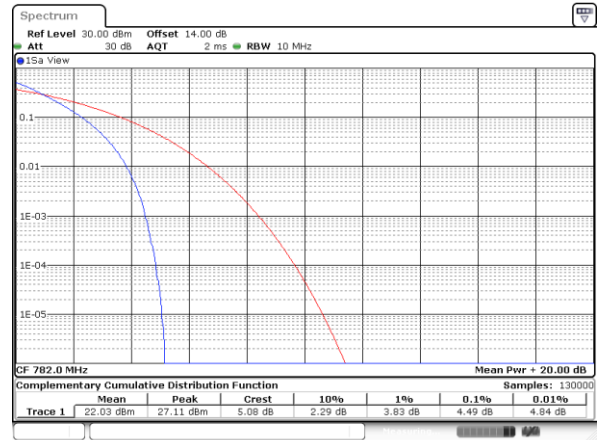


LTE Band 13 / 10MHz / QPSK

Middle Channel/ 1RB

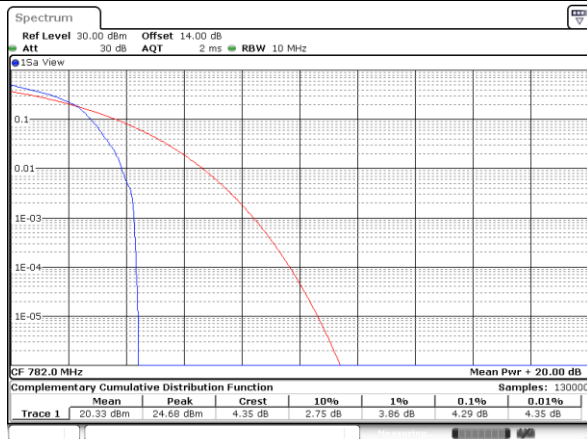


Middle Channel / Full RB

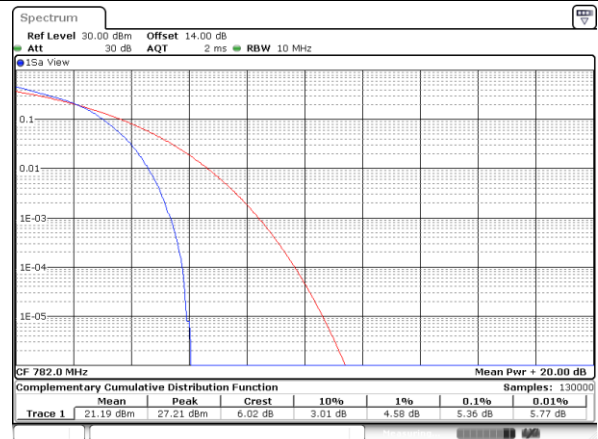


LTE Band 13 / 10MHz / 16QAM

Middle Channel/ 1RB

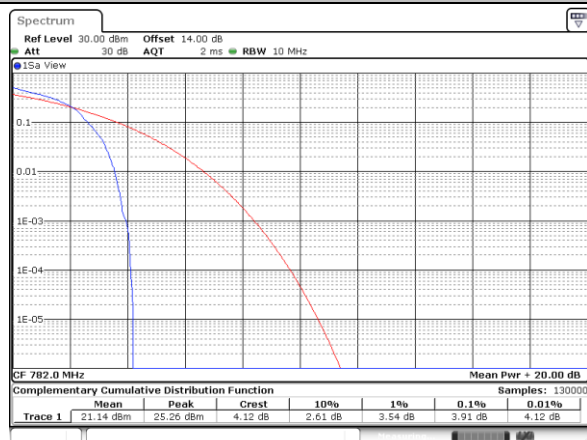


Middle Channel / Full RB

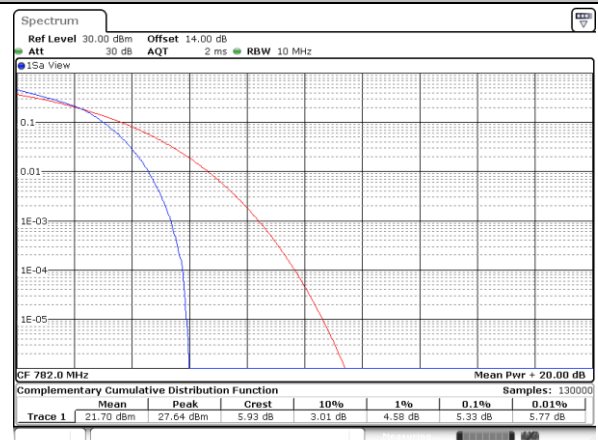


LTE Band 13 / 10MHz / 64QAM

Middle Channel / 1RB



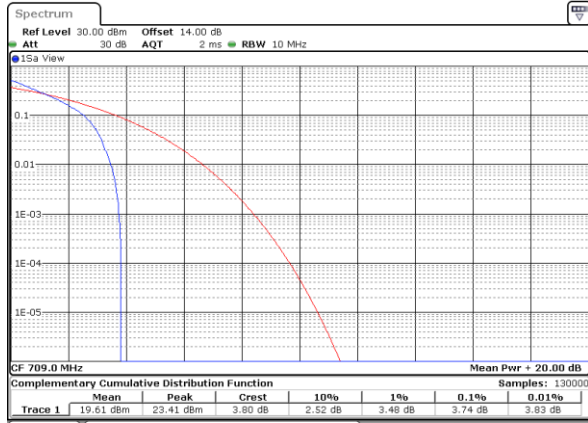
Middle Channel / Full RB



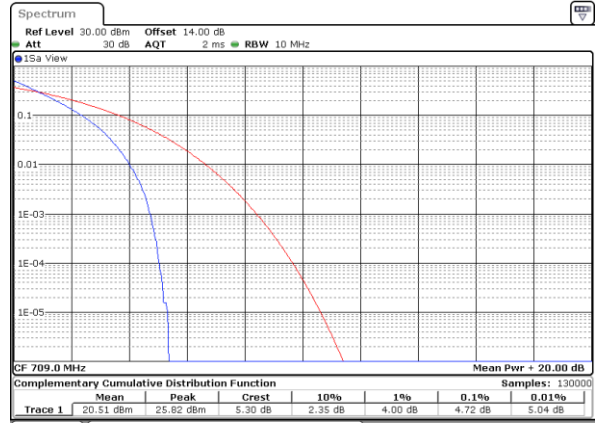


LTE Band 17 / 10MHz / QPSK

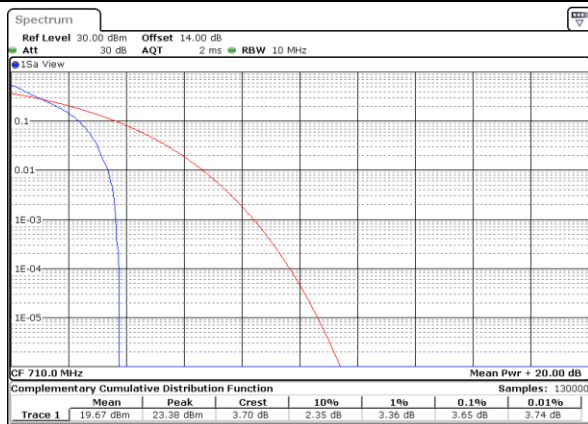
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel/ 1RB



Middle Channel / Full RB



Highest Channel/ 1RB



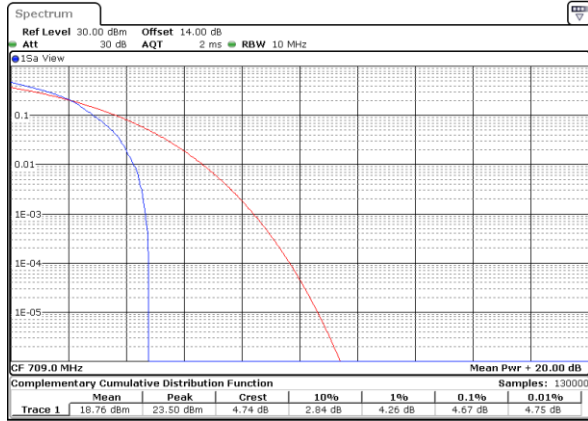
Highest Channel / Full RB



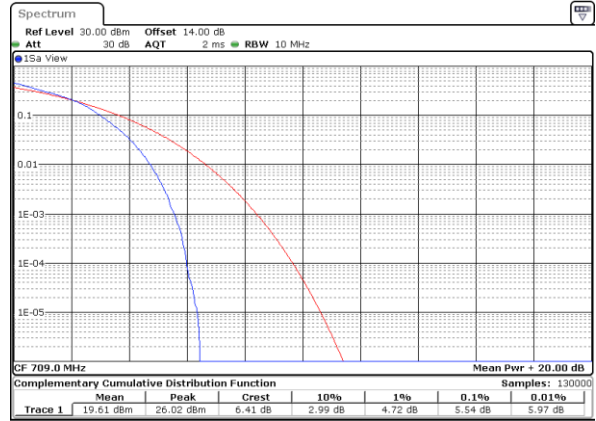


LTE Band 17 / 10MHz / 16QAM

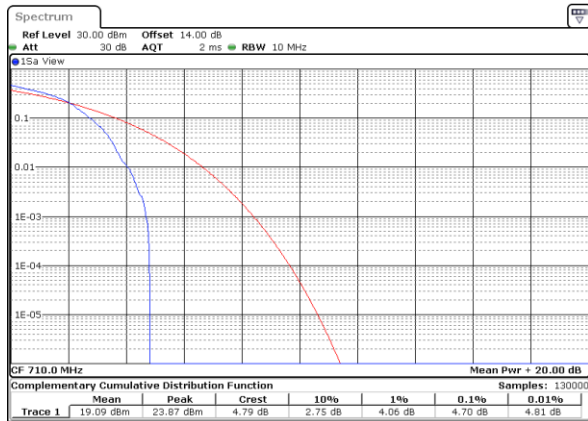
Lowest Channel / 1RB



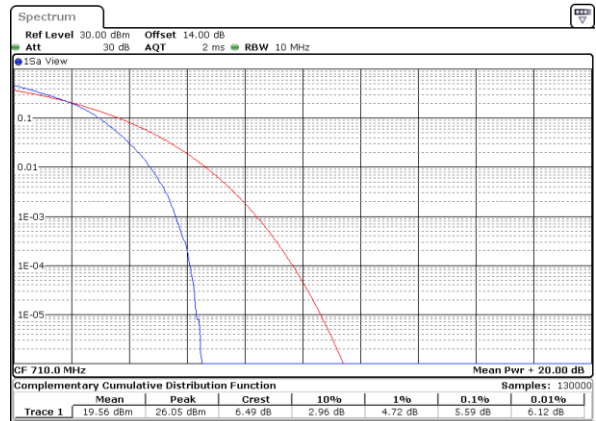
Lowest Channel / Full RB



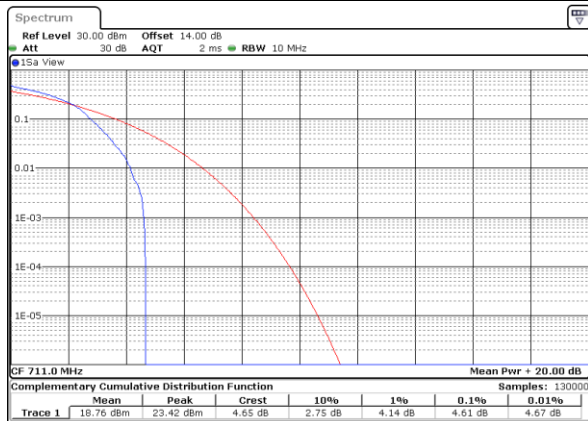
Middle Channel/ 1RB



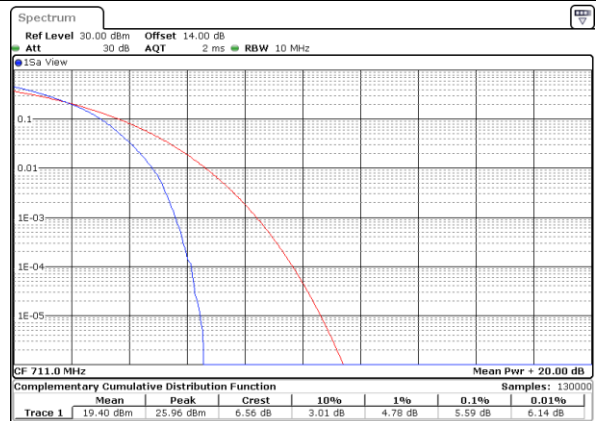
Middle Channel / Full RB



Highest Channel/ 1RB



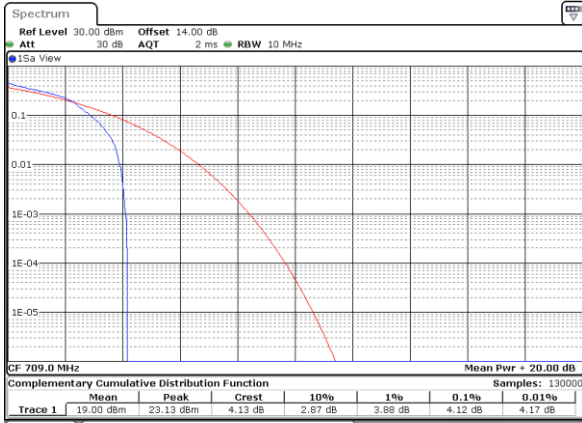
Highest Channel / Full RB





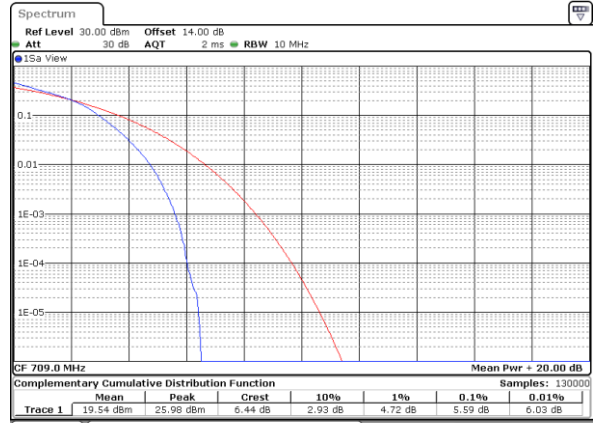
LTE Band 17 / 10MHz / 64QAM

Lowest Channel / 1RB



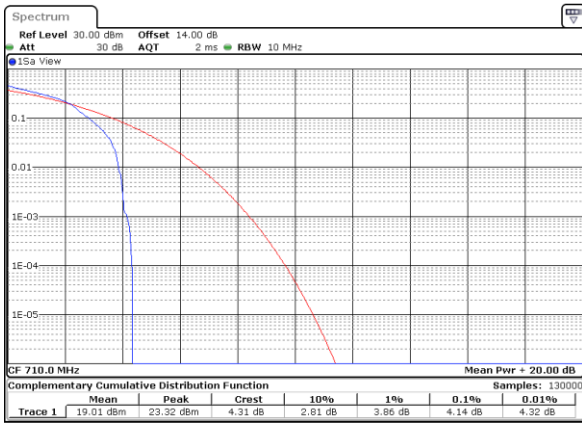
Date: 13 SEP 2018 16:07:22

Lowest Channel / Full RB



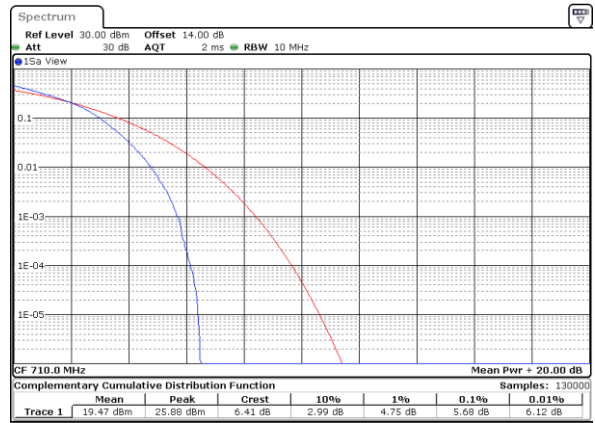
Date: 13 SEP 2018 16:29:20

Middle Channel/ 1RB



Date: 13 SEP 2018 16:33:36

Middle Channel / Full RB



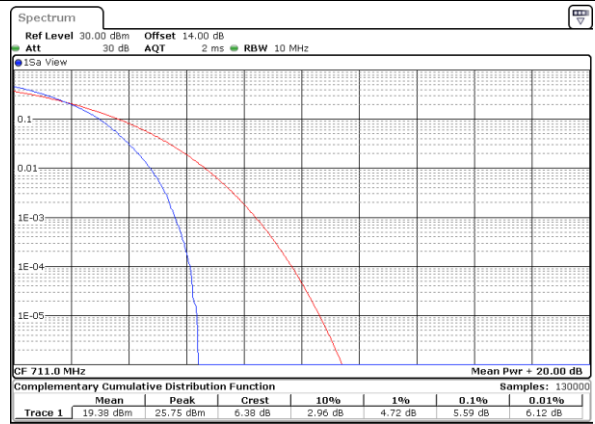
Date: 13 SEP 2018 16:36:53

Highest Channel/ 1RB



Date: 13 SEP 2018 16:38:16

Highest Channel / Full RB

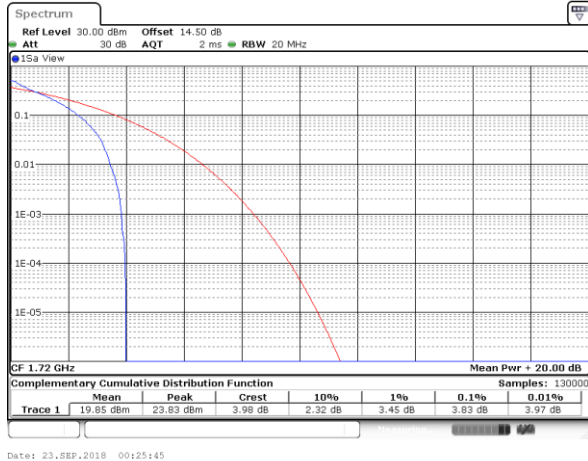


Date: 13 SEP 2018 16:38:30

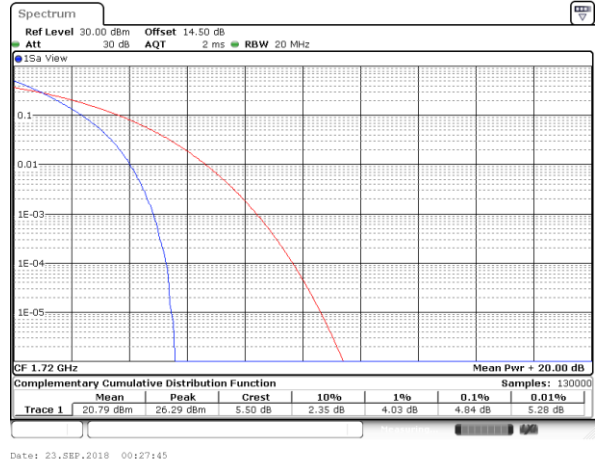


LTE Band 66 / 20MHz / QPSK

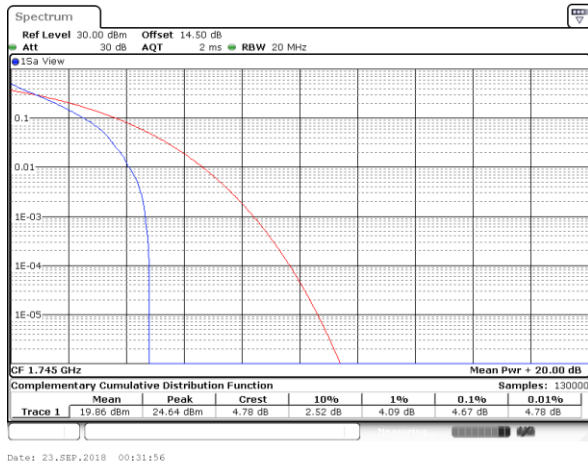
Lowest Channel / 1RB



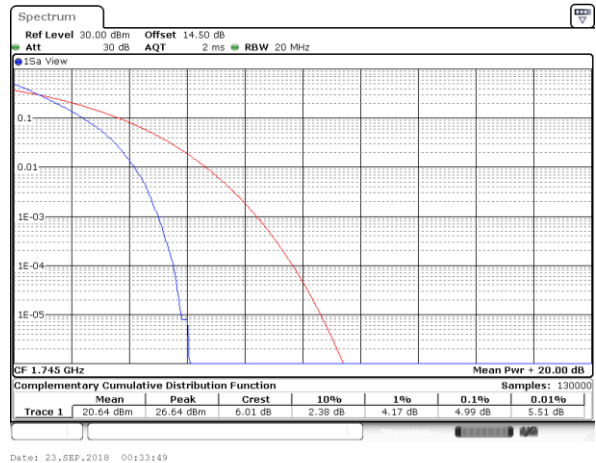
Lowest Channel / Full RB



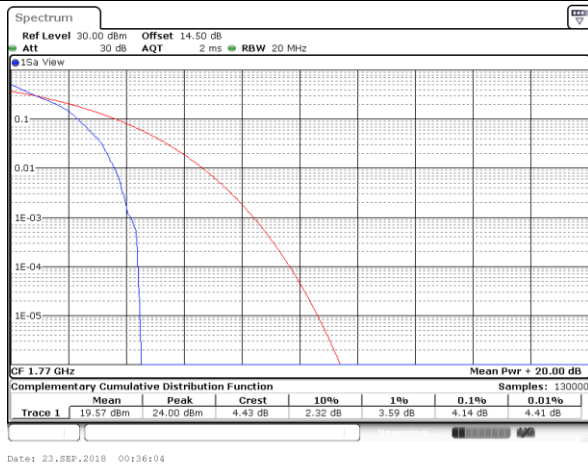
Middle Channel / 1RB



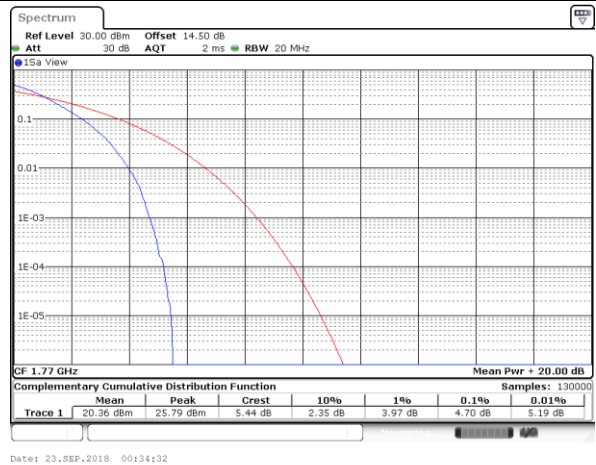
Middle Channel / Full RB



Highest Channel / 1RB



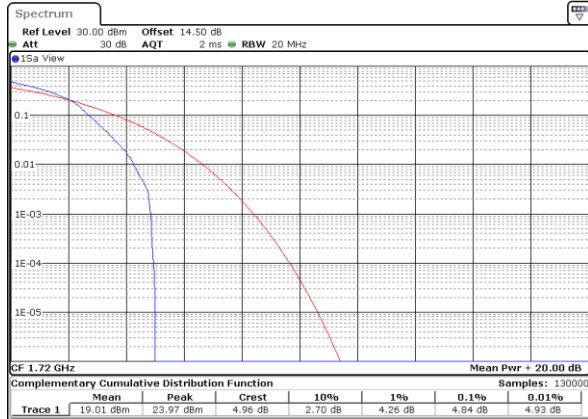
Highest Channel / Full RB



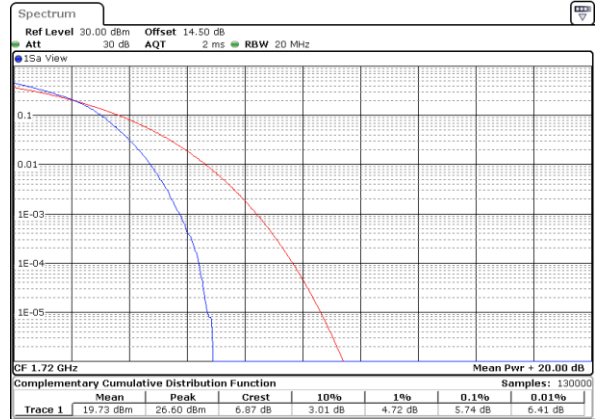


LTE Band 66 / 20MHz / 16QAM

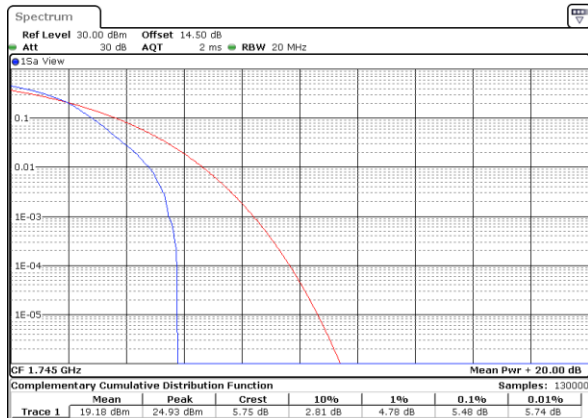
Lowest Channel / 1RB



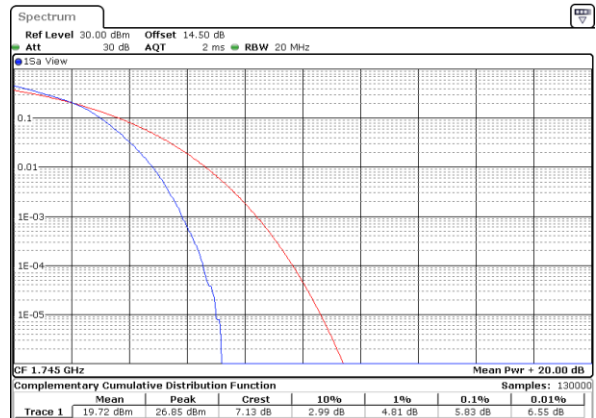
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



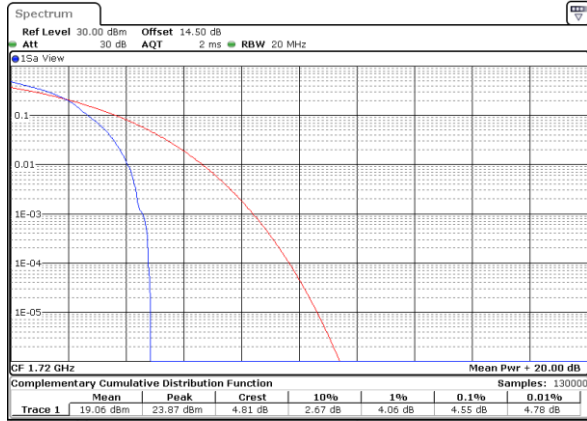
Highest Channel / Full RB



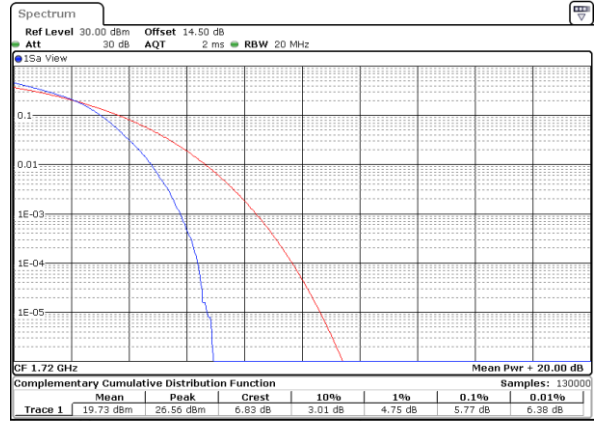


LTE Band 66 / 20MHz / 64QAM

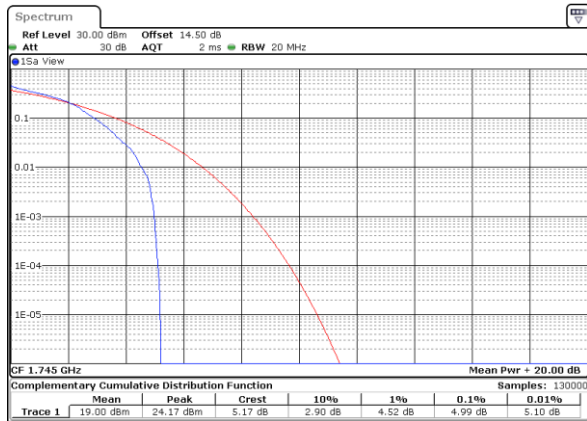
Lowest Channel / 1RB



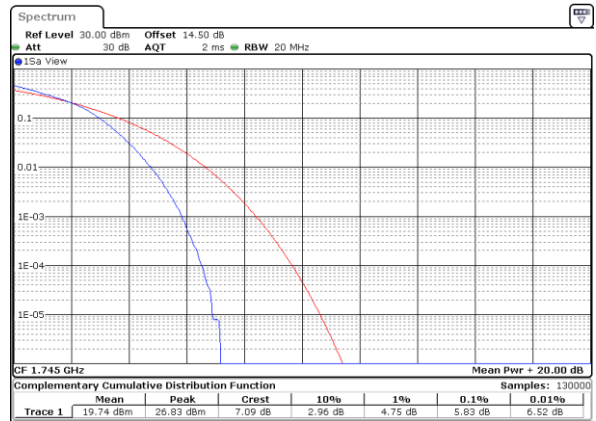
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



**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	1.267	1.267	2.955	2.907	4.865	4.865	9.83	9.67	14.266	14.416	20.22	20.26
Middle CH	1.281	1.281	2.943	2.919	4.835	4.795	9.87	9.83	14.416	14.476	20.34	20.22
Highest CH	1.264	1.281	2.961	2.943	4.845	4.815	9.73	9.67	14.176	14.356	20.26	20.34
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.262		2.919		4.825		9.63		14.386		20.38	
Middle CH	1.259		2.931		4.885		9.75		14.446		20.34	
Highest CH	1.267		2.937		4.845		9.75		14.386		20.18	

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	1.284	1.27	2.925	2.973	4.795	4.855	9.75	9.69	14.416	14.356	20.26	20.18
Middle CH	1.264	1.256	2.973	2.979	4.905	4.865	9.75	9.69	14.296	14.476	20.34	20.22
Highest CH	1.281	1.267	2.979	2.931	4.825	4.845	9.75	9.75	14.356	14.416	20.26	20.26
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.267		2.967		4.785		9.83		14.116		20.26	
Middle CH	1.264		2.967		4.815		9.75		14.206		20.26	
Highest CH	1.264		2.949		4.815		9.69		14.236		20.26	

Mode	LTE Band 5 : 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	1.259	1.284	2.955	2.943	4.885	4.875	9.63	9.75	1.250	2.937	4.885	9.97
Middle CH	1.273	1.231	2.955	2.931	4.835	4.895	9.73	9.71	1.270	2.949	4.885	9.65
Highest CH	1.278	1.276	2.937	2.967	4.835	4.825	9.75	9.79	1.281	2.955	4.845	9.95



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	-	-	-	-	4.925	4.785	9.73	9.77	14.296	14.326	20.3	20.22
Middle CH	-	-	-	-	4.885	4.875	9.77	9.67	14.206	14.416	20.26	20.22
Highest CH	-	-	-	-	4.915	4.875	9.87	9.75	14.236	14.236	20.26	20.22
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.765		9.89		14.326		20.26	
Middle CH	-		-		4.865		9.73		14.206		20.34	
Highest CH	-		-		4.825		9.73		14.266		20.22	

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	16QAM
Lowest CH	1.256	1.278	2.955	2.967	4.915	5.075	9.65	9.73	1.242	2.979	4.925	9.91
Middle CH	1.281	1.276	2.967	2.961	5.195	5.135	9.85	10.27	1.262	2.973	4.915	10.01
Highest CH	1.273	1.298	2.937	2.961	5.045	5.005	9.85	9.97	1.276	2.955	4.955	9.85

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	-	-	-	-	5.045	5.025	-	-	-	-	-	-
Middle CH	-	-	-	-	5.325	5.045	9.93	9.83	-	-	-	-
Highest CH	-	-	-	-	5.055	4.975	-	-	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		5.145		-		-		-	
Middle CH	-		-		5.005		10.01		-		-	
Highest CH	-		-		5.095		-		-		-	



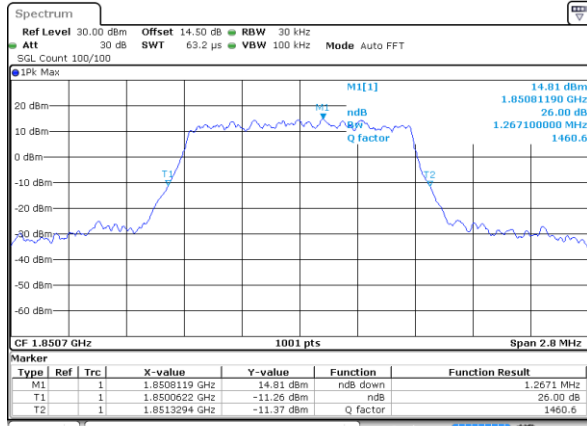
Mode	LTE Band 17 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.975	5.025	10.21	9.71	-	-	-	-
Middle CH	-	-	-	-	5.015	5.085	10.15	9.73	-	-	-	-
Highest CH	-	-	-	-	5.045	4.815	9.71	9.89	-	-	-	-
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.965		10.11		-		-	
Middle CH	-		-		5.035		9.73		-		-	
Highest CH	-		-		5.015		10.17		-		-	

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	1.306	1.273	2.943	2.949	5.185	5.165	9.93	10.03	14.476	14.386	20.38	20.34
Middle CH	1.259	1.262	2.961	2.931	5.015	5.045	10.21	9.97	14.595	14.236	20.26	20.3
Highest CH	1.29	1.259	2.955	2.955	5.045	4.985	10.09	10.17	14.595	14.505	20.42	20.22
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.287		2.937		5.025		9.87		14.535		20.38	
Middle CH	1.284		2.919		5.065		10.01		14.505		20.38	
Highest CH	1.264		2.925		5.025		9.81		14.595		20.34	



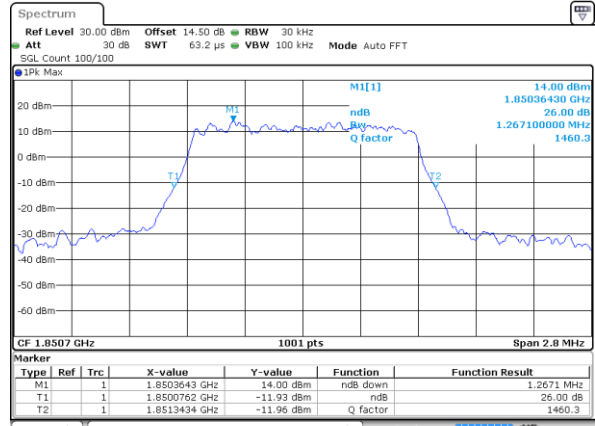
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



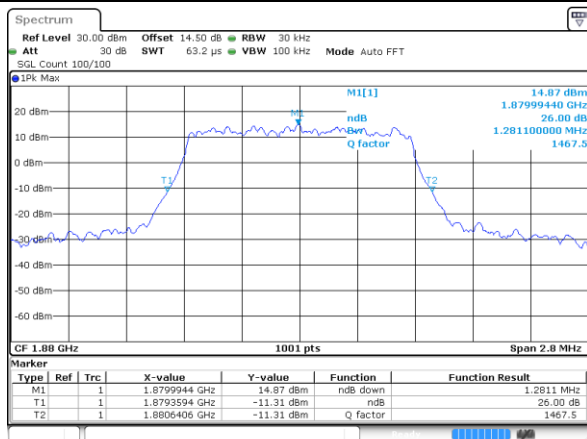
Date: 14 SEP 2018 11:14:24

Lowest Channel / 1.4MHz / 16QAM



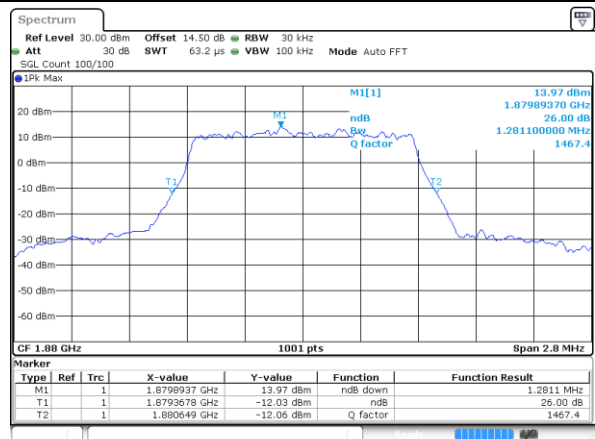
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Middle Channel / 1.4MHz / QPSK



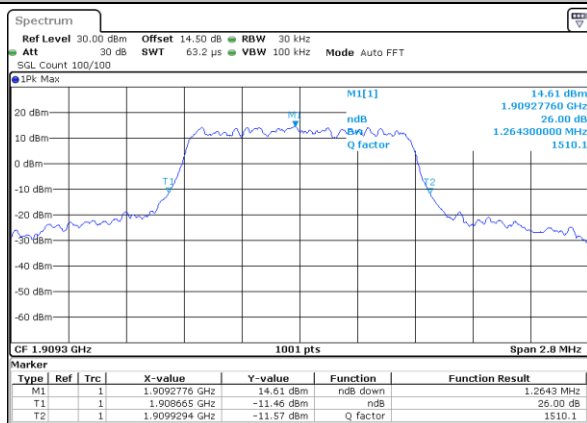
Date: 14 SEP 2018 11:21:22

Middle Channel / 1.4MHz / 16QAM



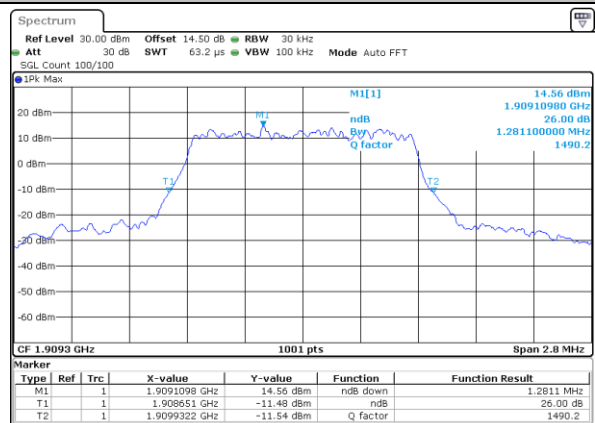
Date: 14 SEP 2018 11:21:32

Highest Channel / 1.4MHz / QPSK



Date: 14 SEP 2018 11:23:48

Highest Channel / 1.4MHz / 16QAM

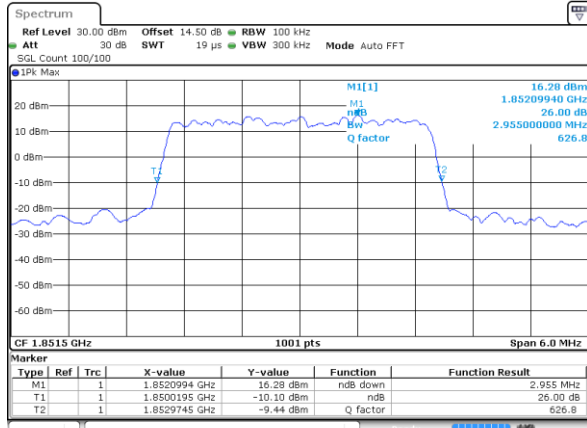


Date: 14 SEP 2018 11:23:58



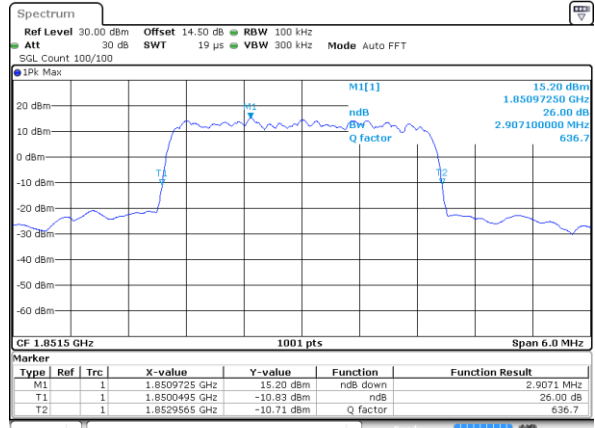
LTE Band 2

Lowest Channel / 3MHz / QPSK



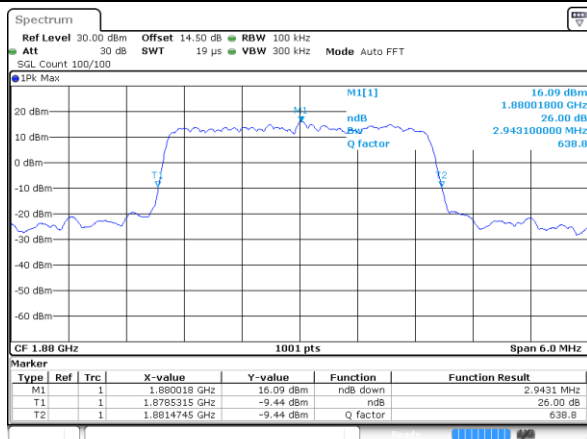
Date: 14 SEP 2018 11:30:46

Lowest Channel / 3MHz / 16QAM



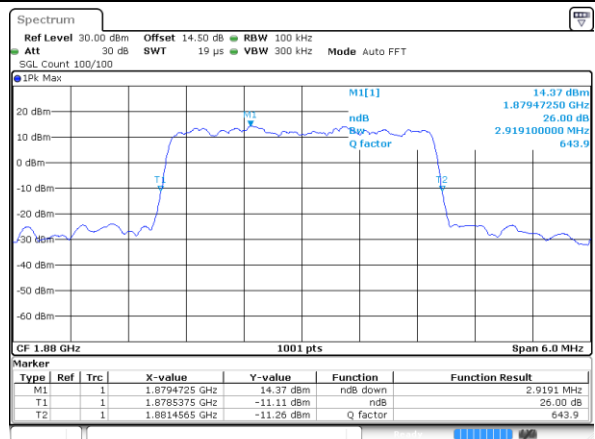
Date: 14 SEP 2018 11:30:55

Middle Channel / 3MHz / QPSK



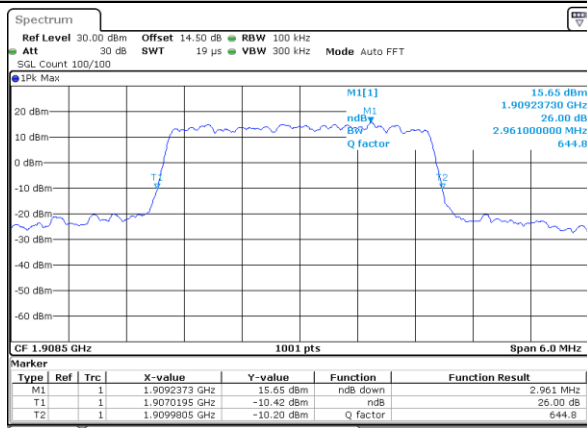
Date: 14 SEP 2018 11:37:43

Middle Channel / 3MHz / 16QAM



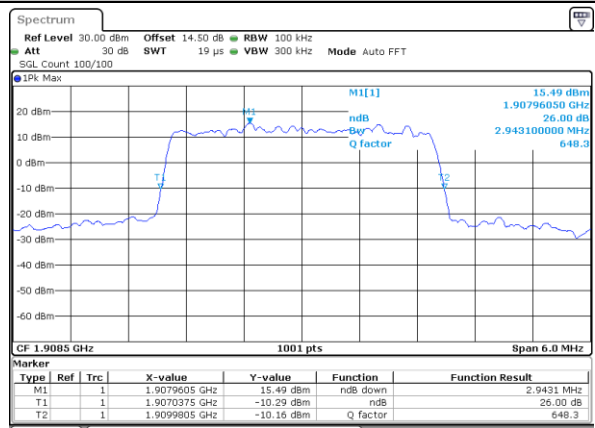
Date: 14 SEP 2018 11:37:53

Highest Channel / 3MHz / QPSK



Date: 14 SEP 2018 11:40:09

Highest Channel / 3MHz / 16QAM

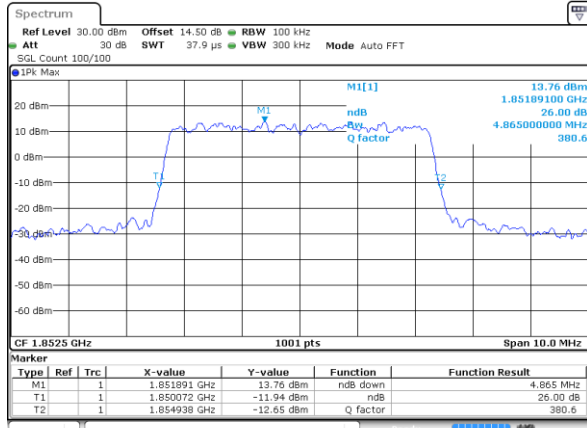


Date: 14 SEP 2018 11:40:19



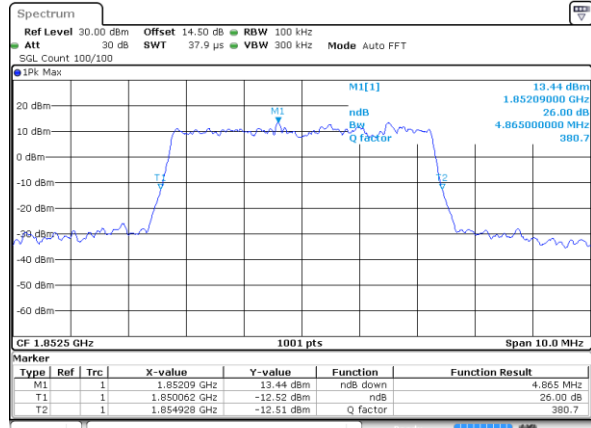
LTE Band 2

Lowest Channel / 5MHz / QPSK



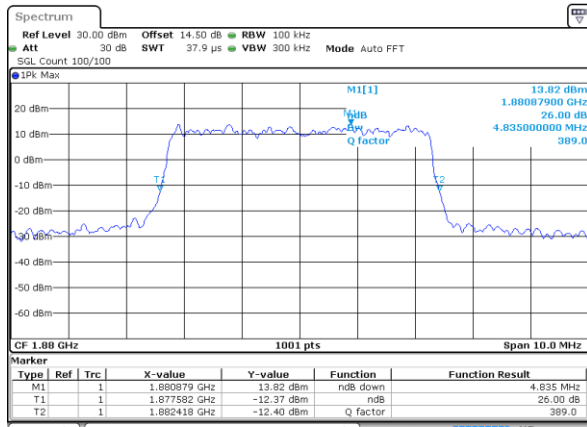
Date: 14 SEP 2018 11:47:07

Lowest Channel / 5MHz / 16QAM



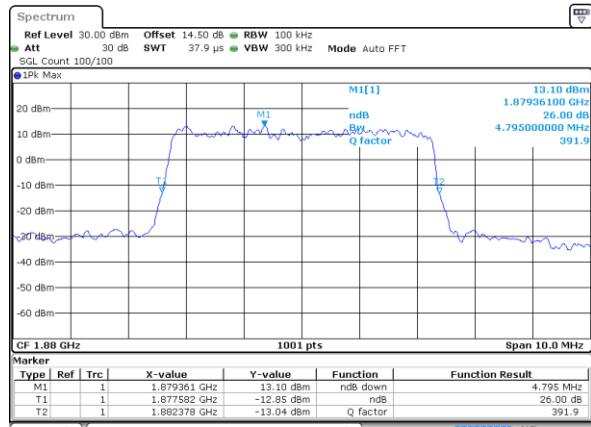
Date: 14 SEP 2018 11:47:16

Middle Channel / 5MHz / QPSK



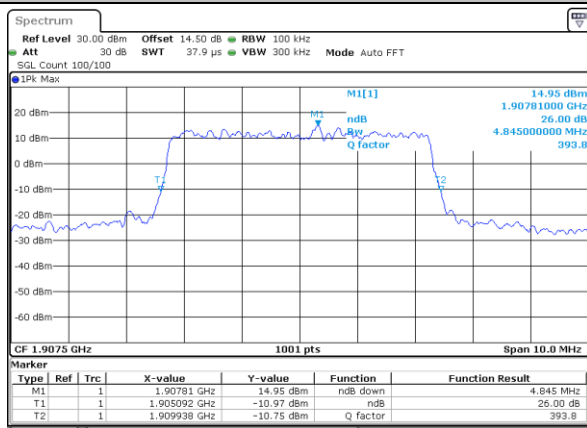
Date: 14 SEP 2018 11:54:04

Middle Channel / 5MHz / 16QAM



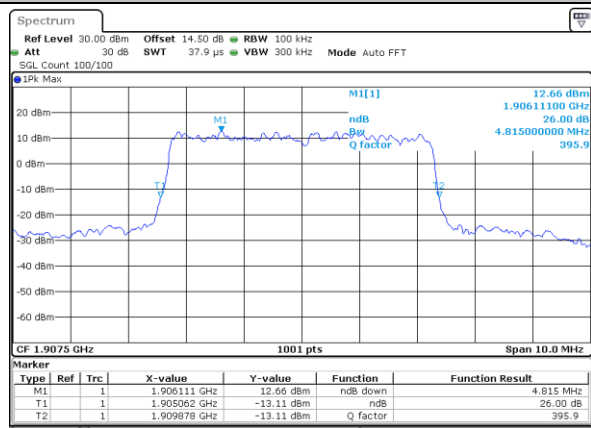
Date: 14 SEP 2018 11:54:14

Highest Channel / 5MHz / QPSK



Date: 14 SEP 2018 11:56:30

Highest Channel / 5MHz / 16QAM

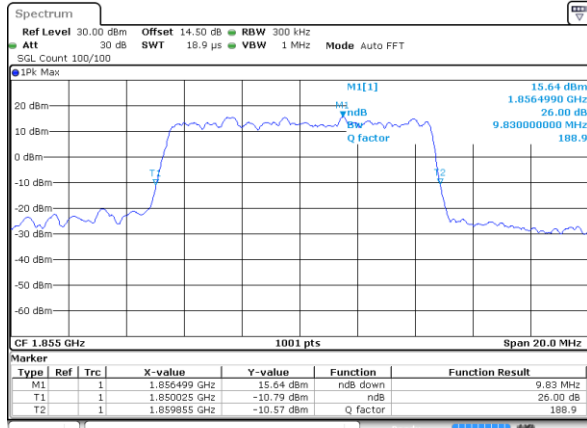


Date: 14 SEP 2018 11:56:40



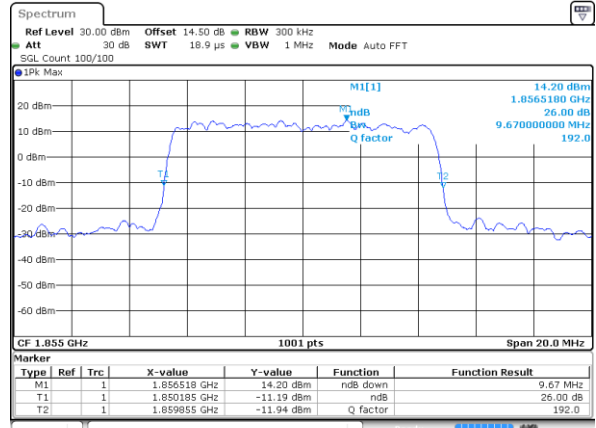
LTE Band 2

Lowest Channel / 10MHz / QPSK



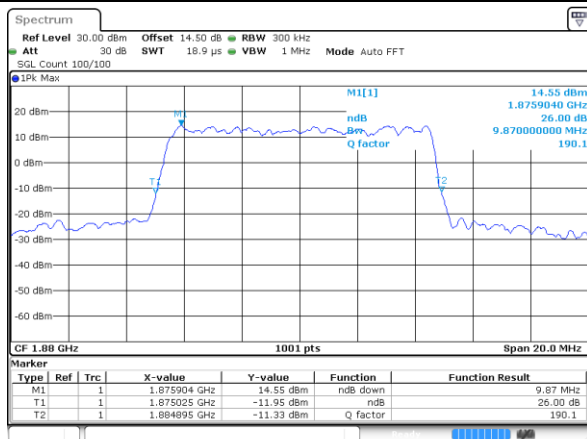
Date: 14 SEP 2018 12:03:28

Lowest Channel / 10MHz / 16QAM



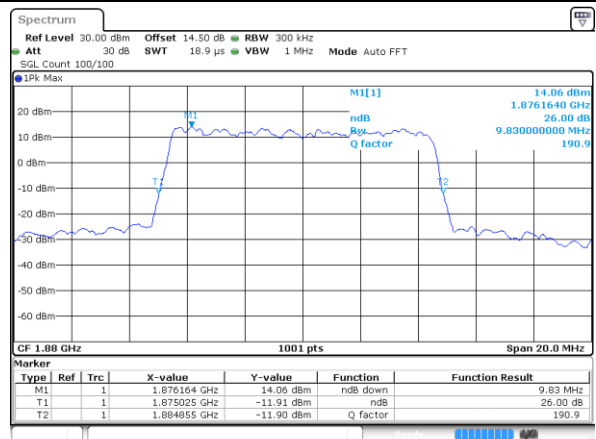
Date: 14 SEP 2018 12:03:38

Middle Channel / 10MHz / QPSK



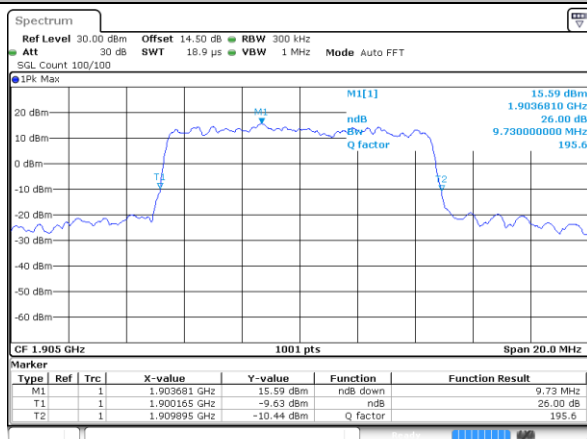
Date: 14 SEP 2018 12:10:26

Middle Channel / 10MHz / 16QAM



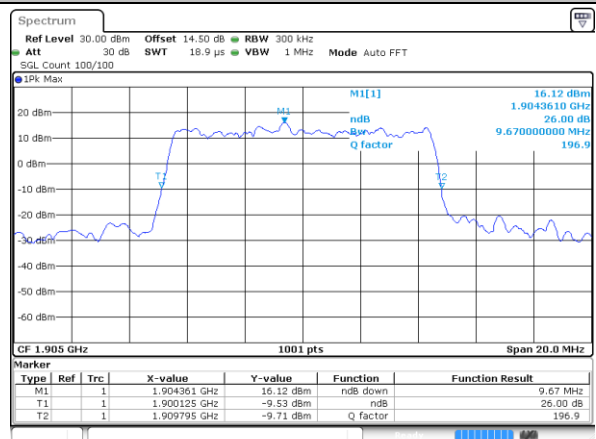
Date: 14 SEP 2018 12:10:36

Highest Channel / 10MHz / QPSK



Date: 14 SEP 2018 12:12:51

Highest Channel / 10MHz / 16QAM

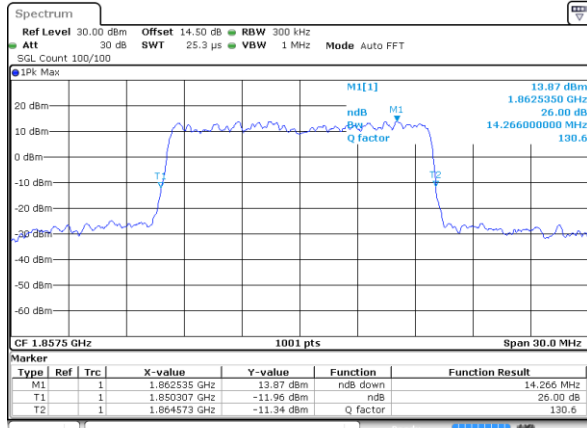


Date: 14 SEP 2018 12:13:01



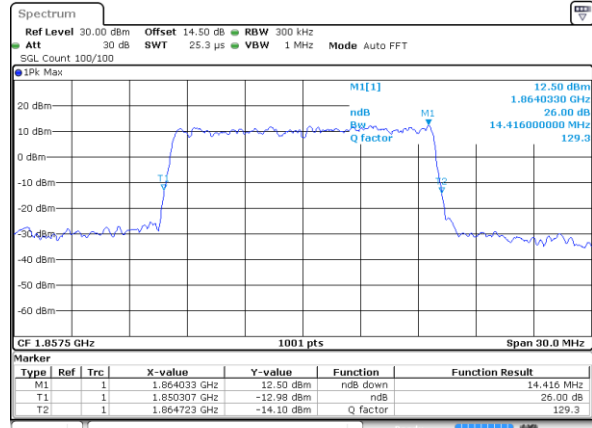
LTE Band 2

Lowest Channel / 15MHz / QPSK



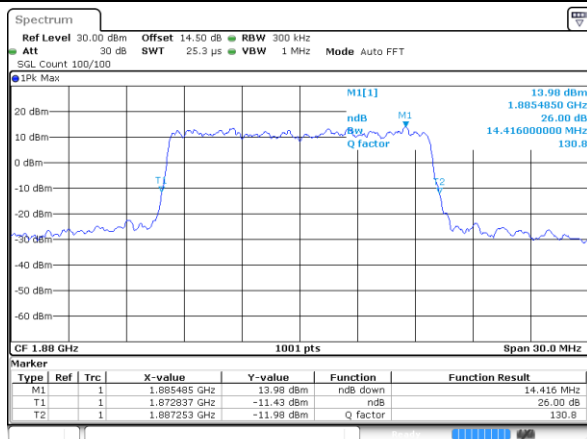
Date: 14 SEP 2018 12:19:49

Lowest Channel / 15MHz / 16QAM



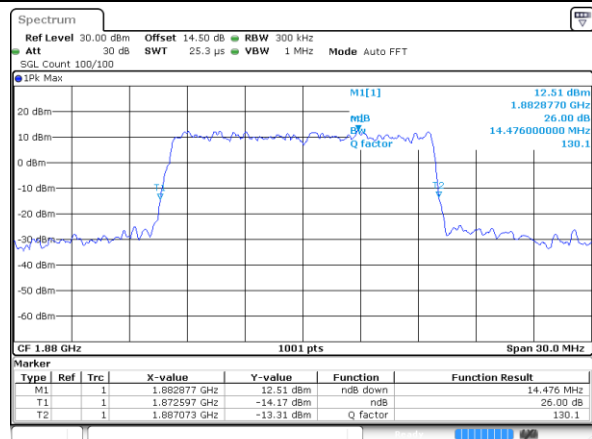
Date: 14 SEP 2018 12:19:59

Middle Channel / 15MHz / QPSK



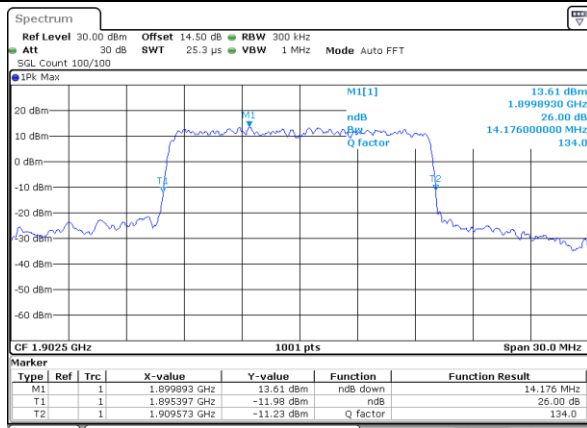
Date: 14 SEP 2018 12:26:47

Middle Channel / 15MHz / 16QAM



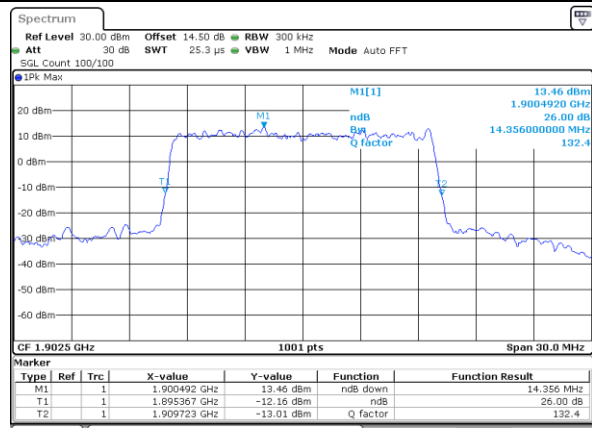
Date: 14 SEP 2018 12:26:57

Highest Channel / 15MHz / QPSK



Date: 14 SEP 2018 12:29:13

Highest Channel / 15MHz / 16QAM

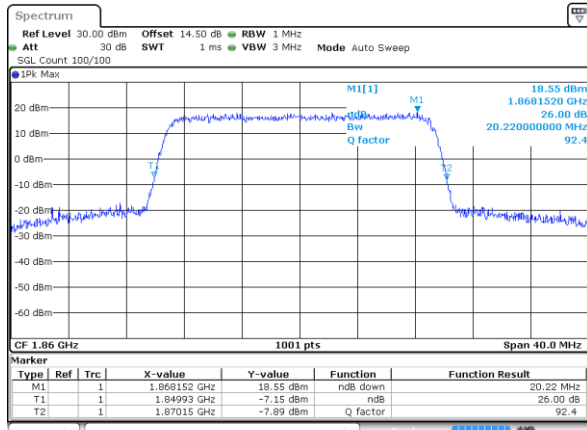


Date: 14 SEP 2018 12:29:23



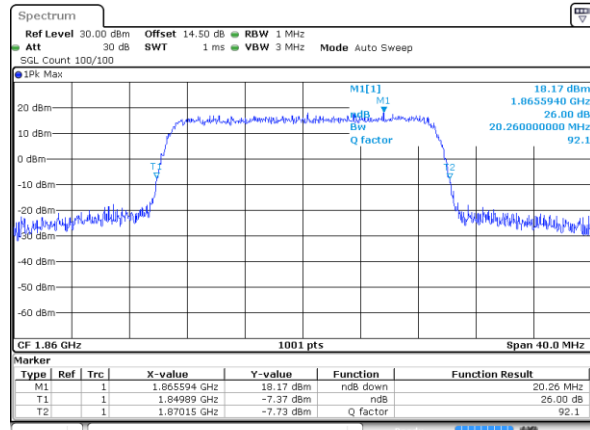
LTE Band 2

Lowest Channel / 20MHz / QPSK



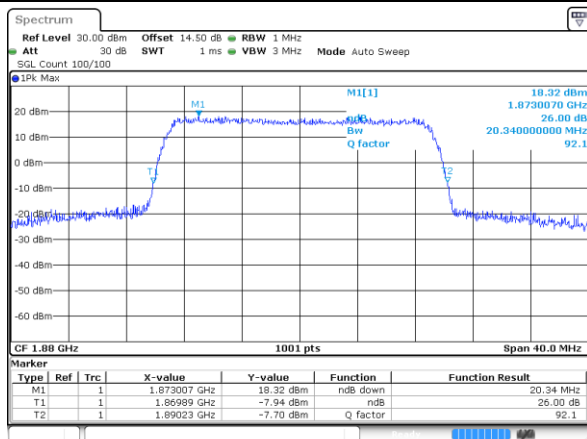
Date: 14 SEP 2018 12:36:10

Lowest Channel / 20MHz / 16QAM



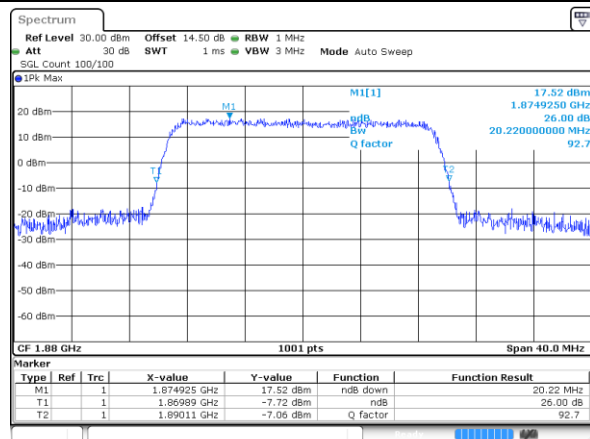
Date: 14 SEP 2018 12:36:20

Middle Channel / 20MHz / QPSK



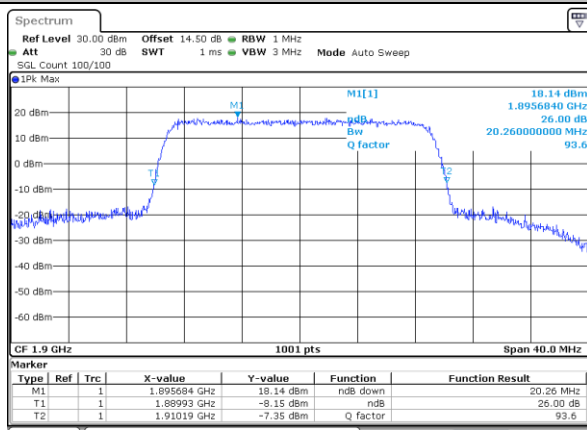
Date: 14 SEP 2018 12:43:08

Middle Channel / 20MHz / 16QAM



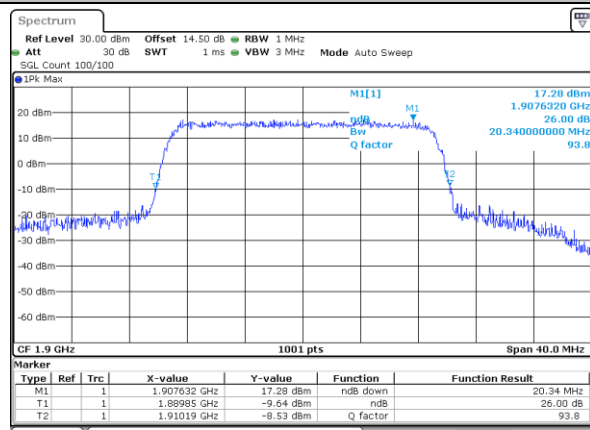
Date: 14 SEP 2018 12:43:18

Highest Channel / 20MHz / QPSK



Date: 14 SEP 2018 12:45:34

Highest Channel / 20MHz / 16QAM

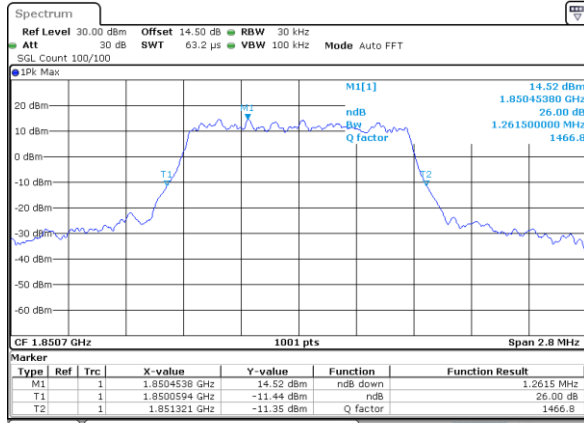


Date: 14 SEP 2018 12:45:44



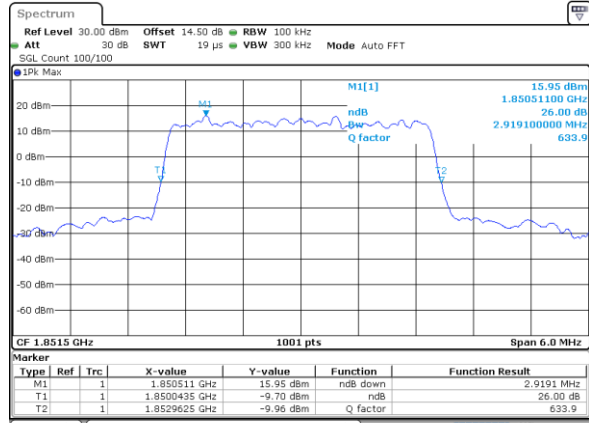
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



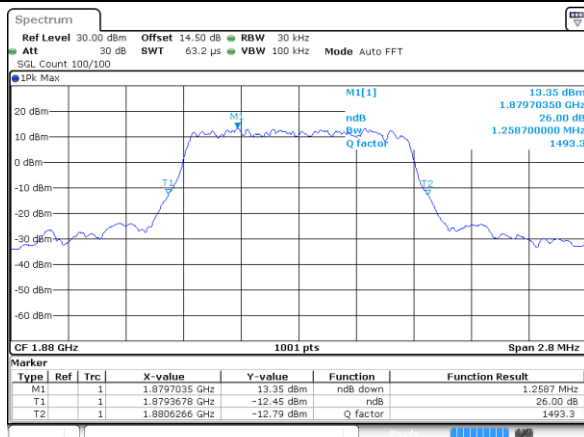
Date: 14 SEP 2018 15:49:46

Lowest Channel / 3MHz / 64QAM



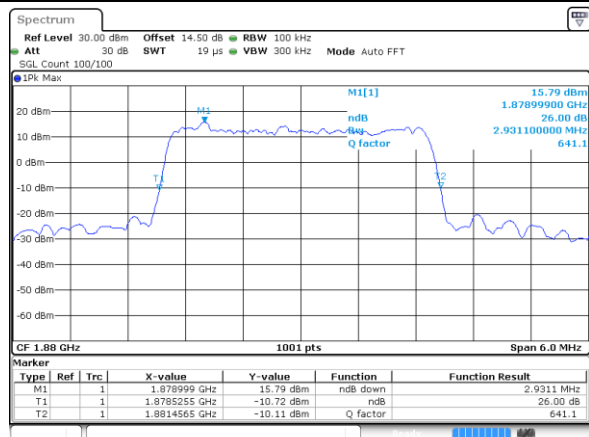
Date: 14 SEP 2018 15:57:56

Middle Channel / 1.4MHz / 64QAM



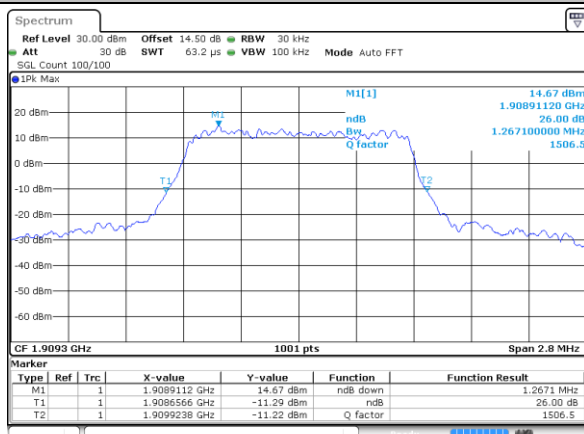
Date: 14 SEP 2018 15:53:15

Middle Channel / 3MHz / 64QAM



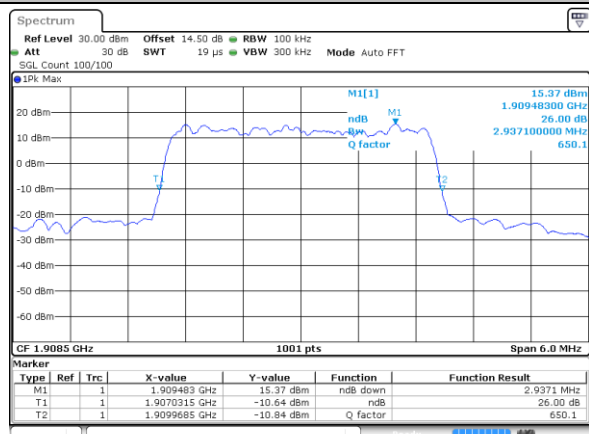
Date: 14 SEP 2018 16:01:25

Highest Channel / 1.4MHz / 64QAM



Date: 14 SEP 2018 15:54:27

Highest Channel / 3MHz / 64QAM

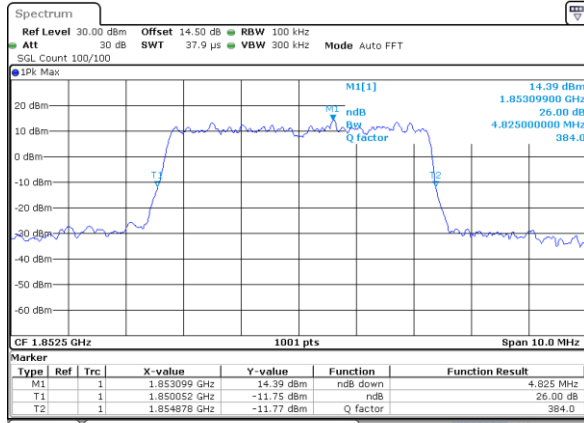


Date: 14 SEP 2018 16:02:38

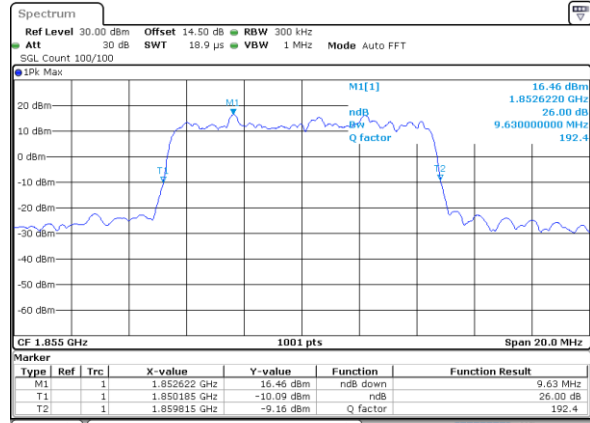


LTE Band 2

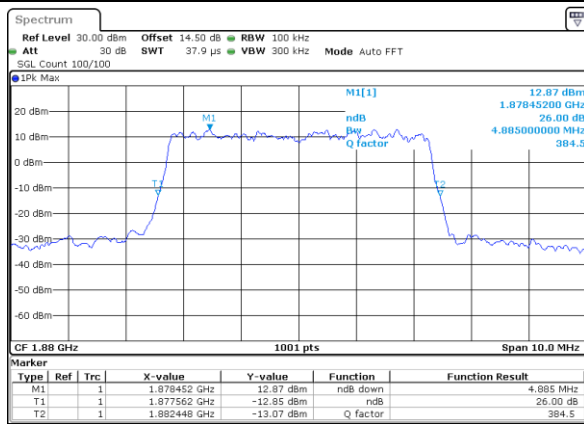
Lowest Channel / 5MHz / 64QAM



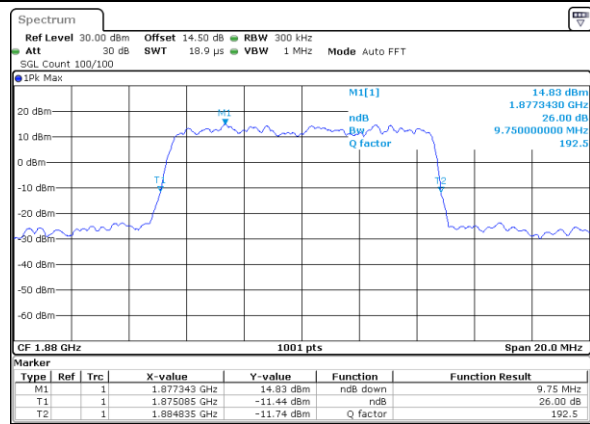
Lowest Channel / 10MHz / 64QAM



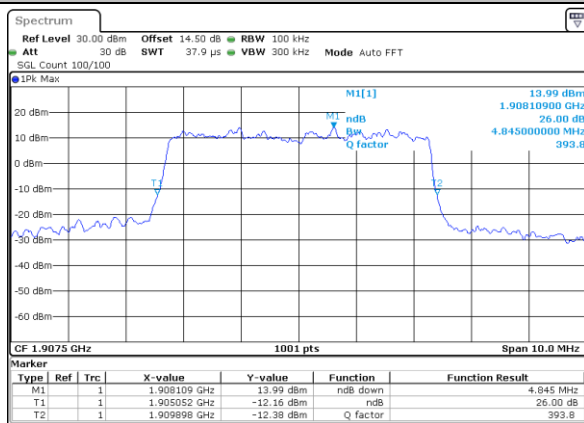
Middle Channel / 5MHz / 64QAM



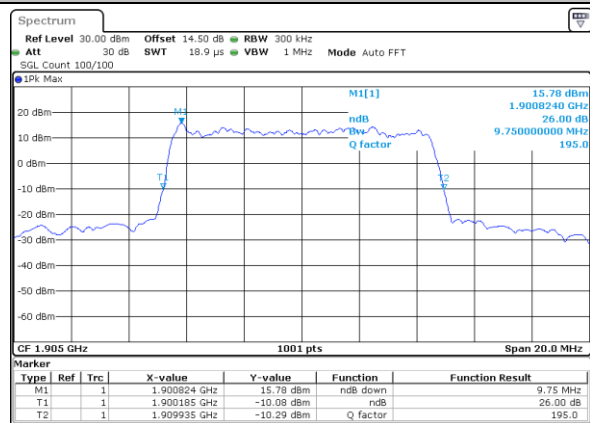
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



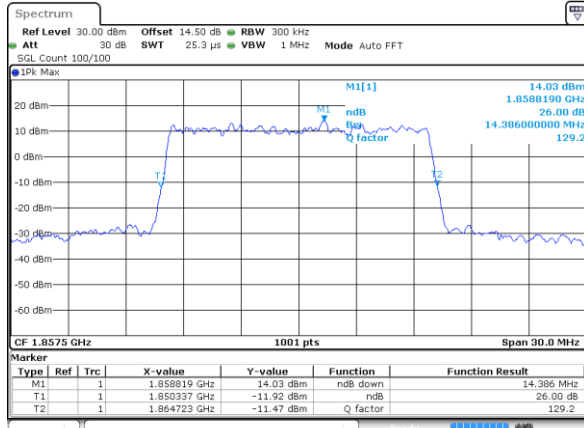
Highest Channel / 10MHz / 64QAM





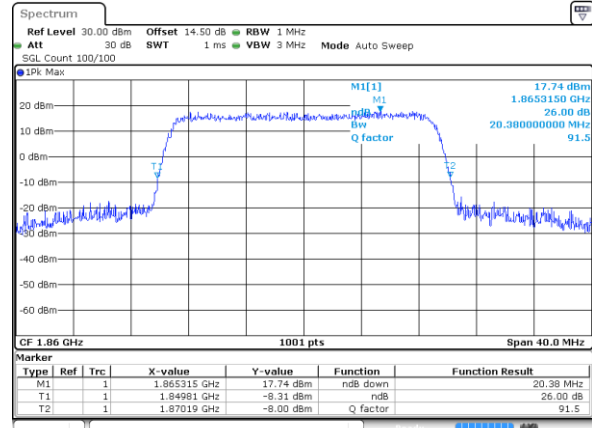
LTE Band 2

Lowest Channel / 15MHz / 64QAM



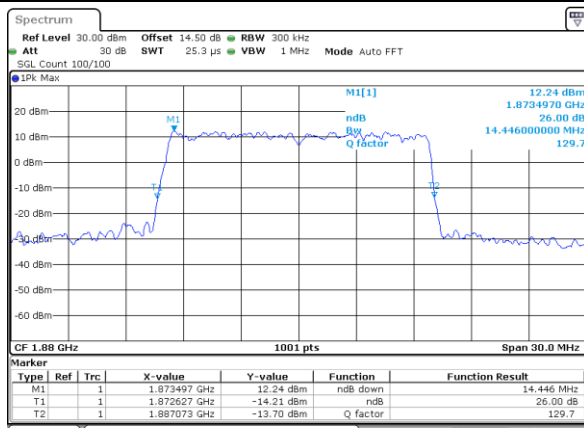
Date: 14 SEP 2018 16:23:55

Lowest Channel / 20MHz / 64QAM



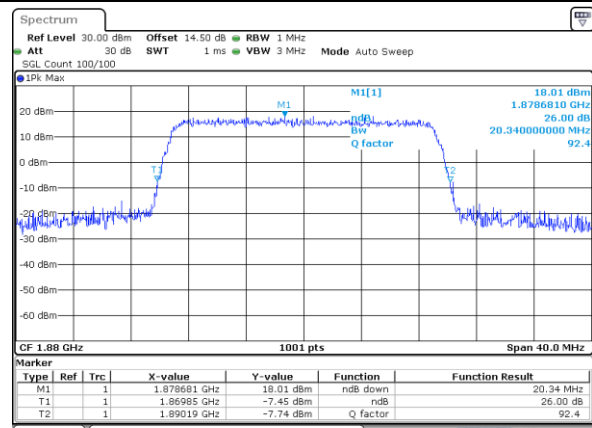
Date: 14 SEP 2018 16:32:05

Middle Channel / 15MHz / 64QAM



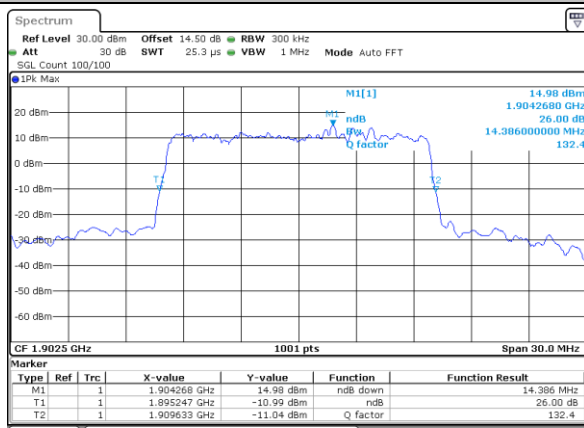
Date: 14 SEP 2018 16:27:23

Middle Channel / 20MHz / 64QAM



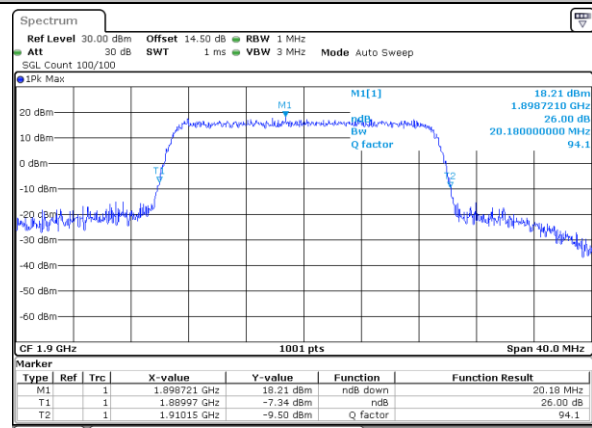
Date: 14 SEP 2018 16:35:34

Highest Channel / 15MHz / 64QAM



Date: 14 SEP 2018 16:28:36

Highest Channel / 20MHz / 64QAM

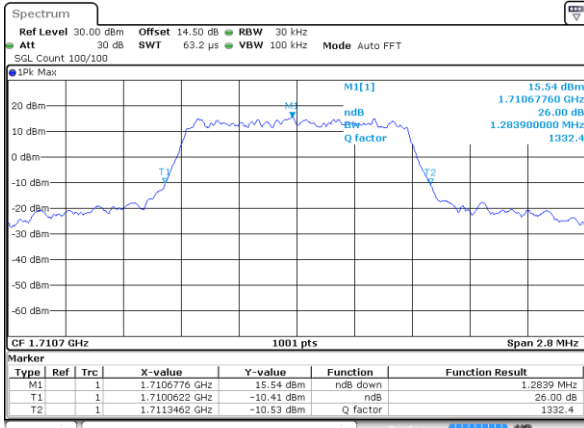


Date: 14 SEP 2018 16:36:47



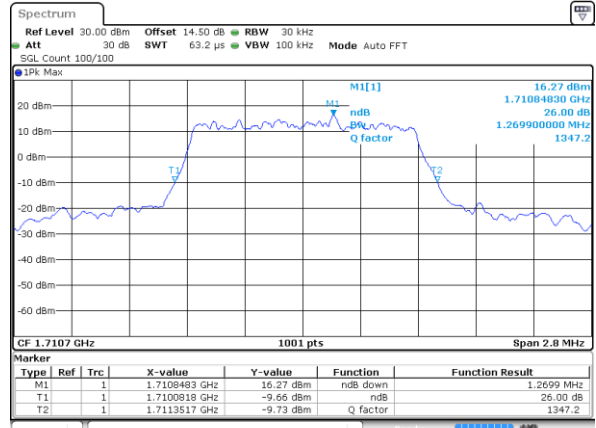
LTE Band 4

Lowest Channel / 1.4MHz / QPSK



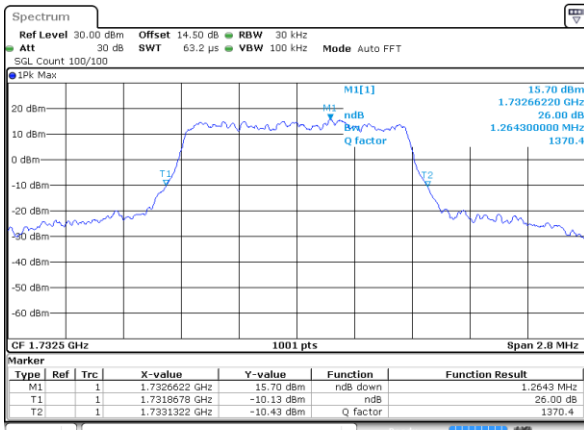
Date: 19 SEP 2018 23:39:52

Lowest Channel / 1.4MHz / 16QAM



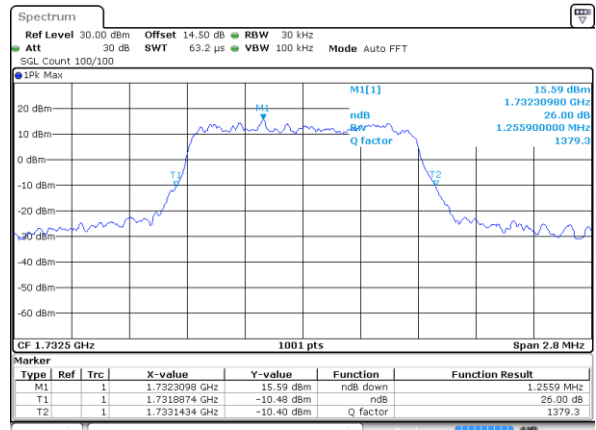
Date: 19 SEP 2018 23:40:02

Middle Channel / 1.4MHz / QPSK



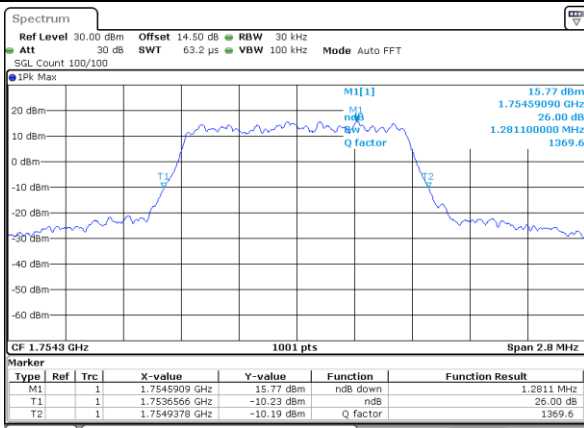
Date: 19 SEP 2018 23:42:18

Middle Channel / 1.4MHz / 16QAM



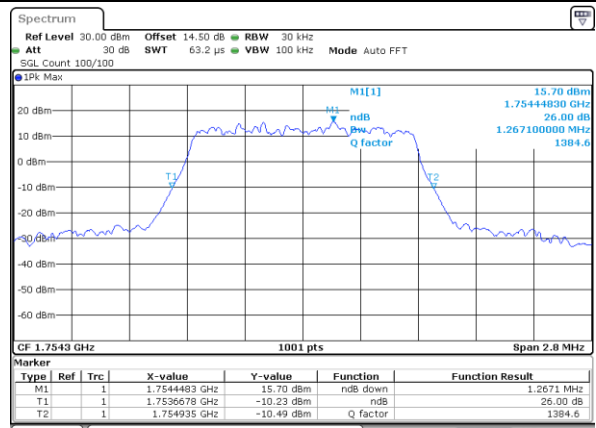
Date: 19 SEP 2018 23:42:27

Highest Channel / 1.4MHz / QPSK



Date: 19 SEP 2018 23:44:43

Highest Channel / 1.4MHz / 16QAM

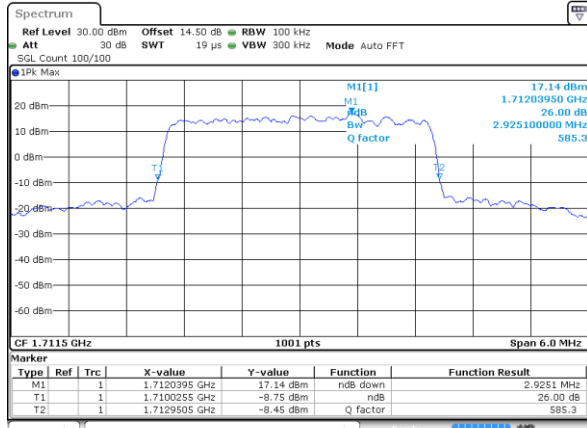


Date: 19 SEP 2018 23:44:53



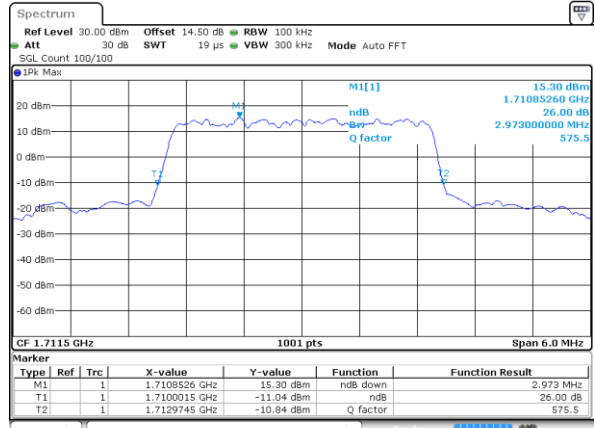
LTE Band 4

Lowest Channel / 3MHz / QPSK



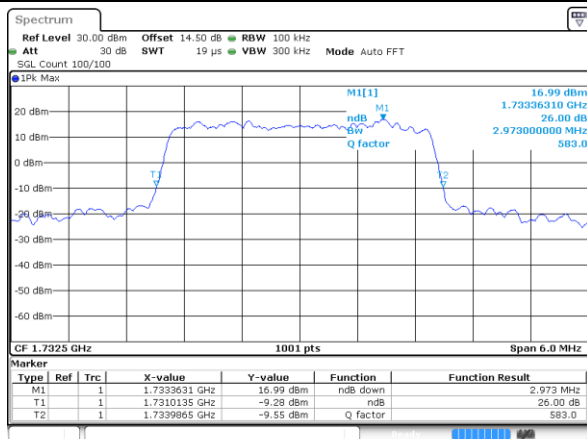
Date: 19 SEP 2018 23:47:09

Lowest Channel / 3MHz / 16QAM



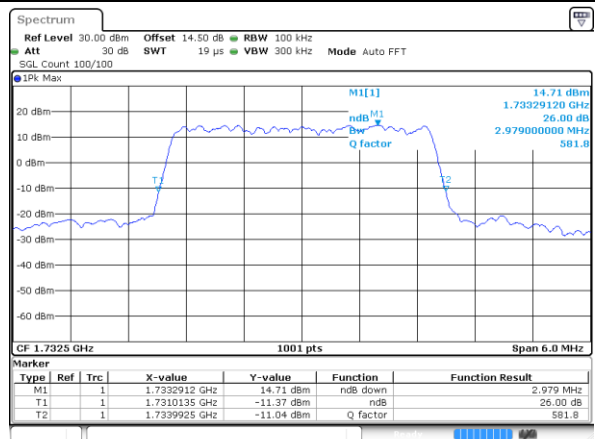
Date: 19 SEP 2018 23:47:19

Middle Channel / 3MHz / QPSK



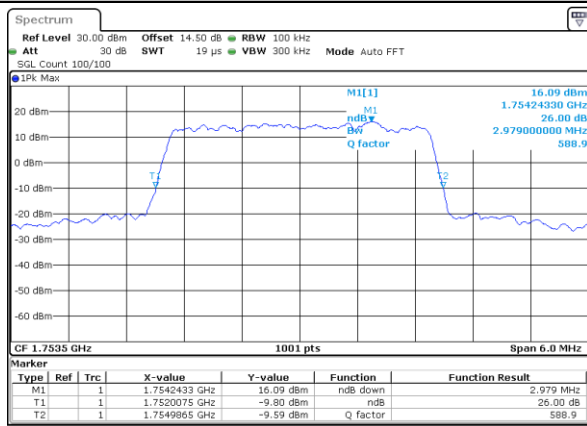
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Middle Channel / 3MHz / 16QAM



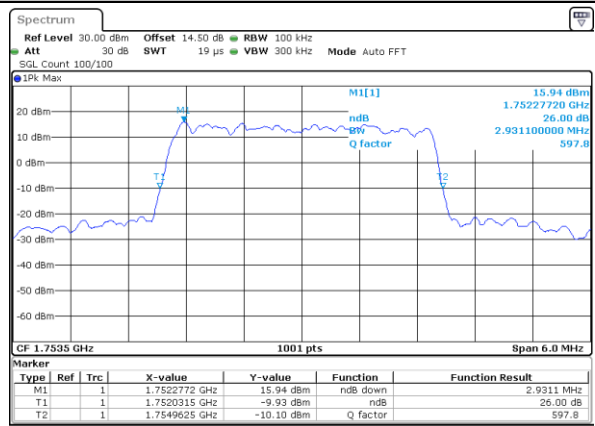
Date: 19 SEP 2018 23:49:45

Highest Channel / 3MHz / QPSK



Date: 19 SEP 2018 23:52:01

Highest Channel / 3MHz / 16QAM



Date: 19 SEP 2018 23:52:11