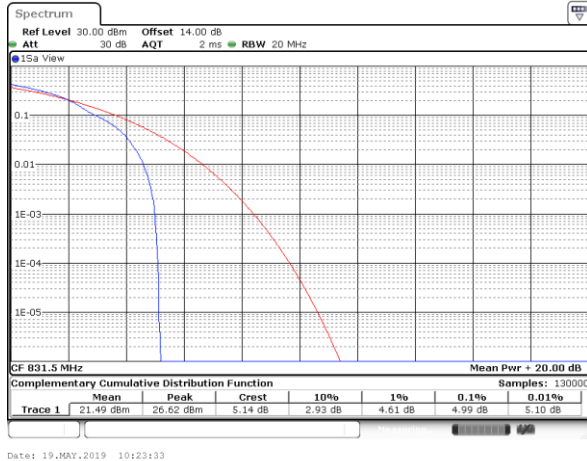


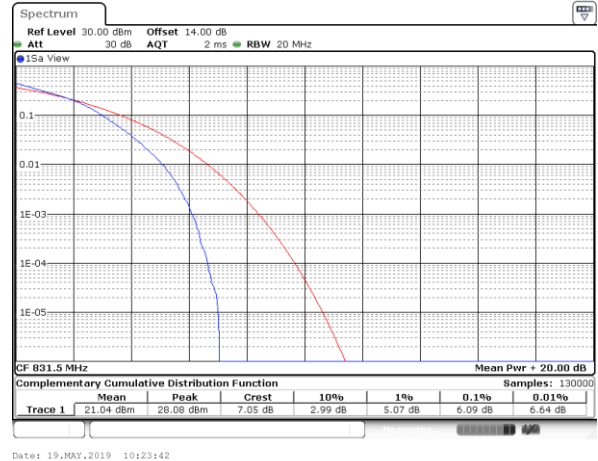


LTE Band 26 / 15MHz / 16QAM

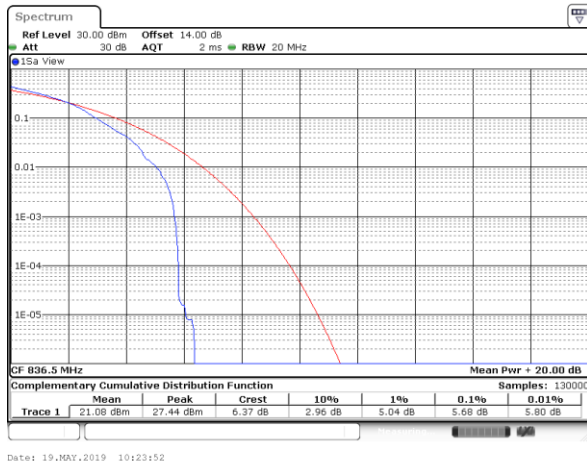
Lowest Channel / 1RB



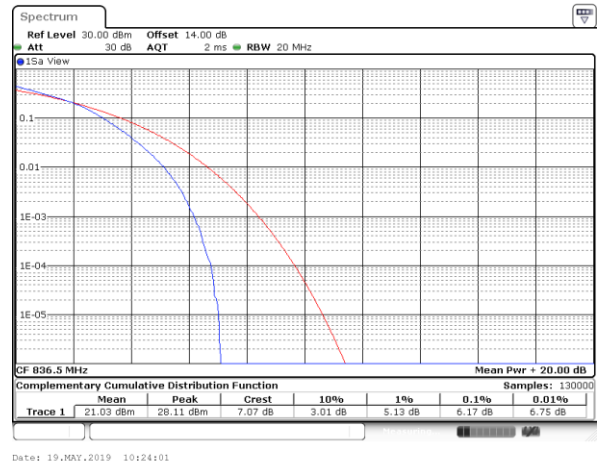
Lowest Channel / Full RB



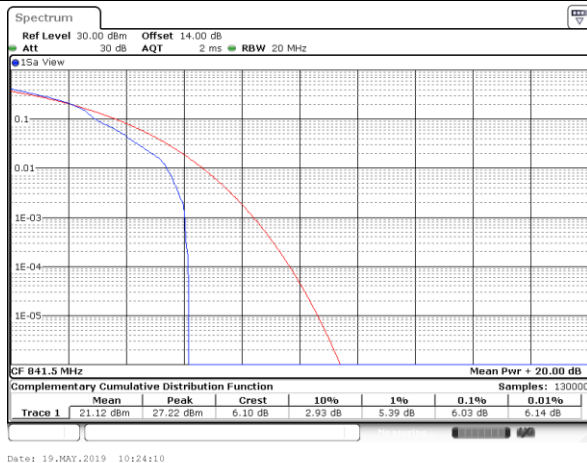
Middle Channel / 1RB



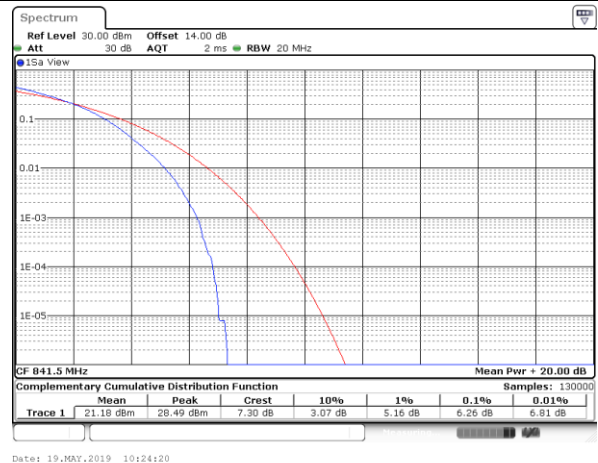
Middle Channel / Full RB



Highest Channel / 1RB



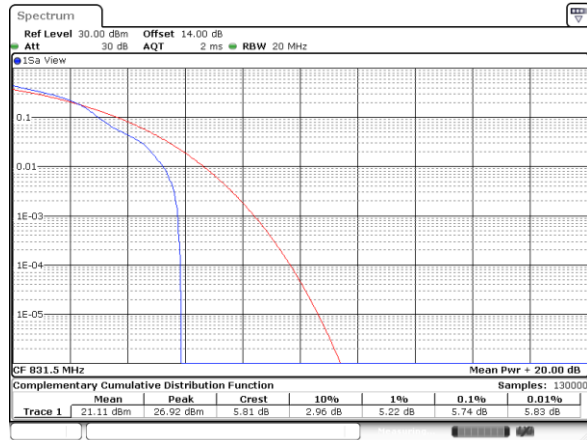
Highest Channel / Full RB



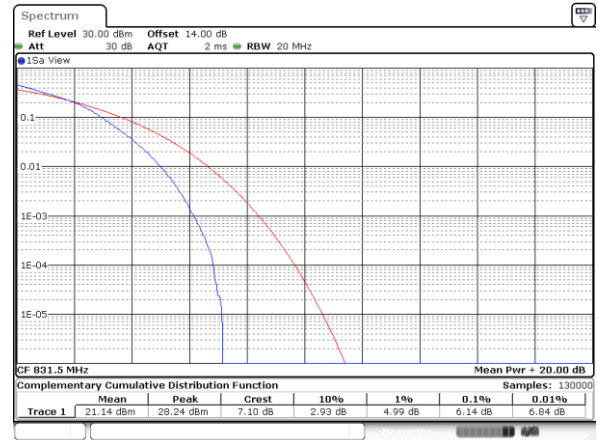


LTE Band 26 / 15MHz / 64QAM

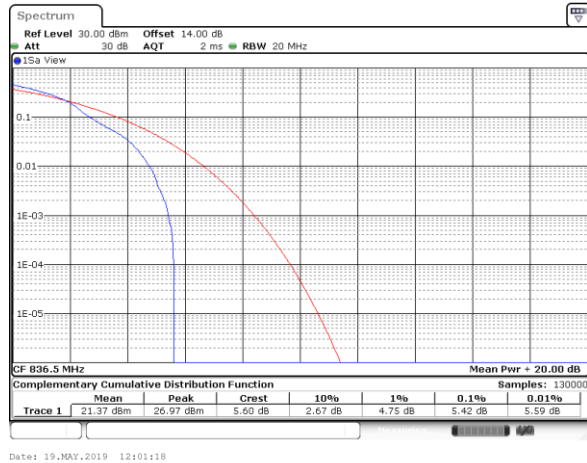
Lowest Channel / 1RB



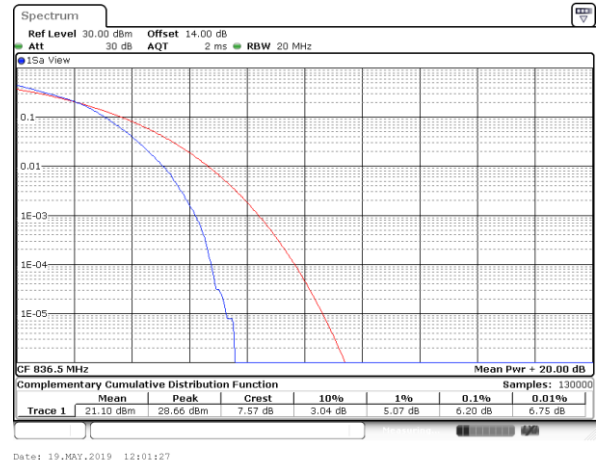
Lowest Channel / Full RB



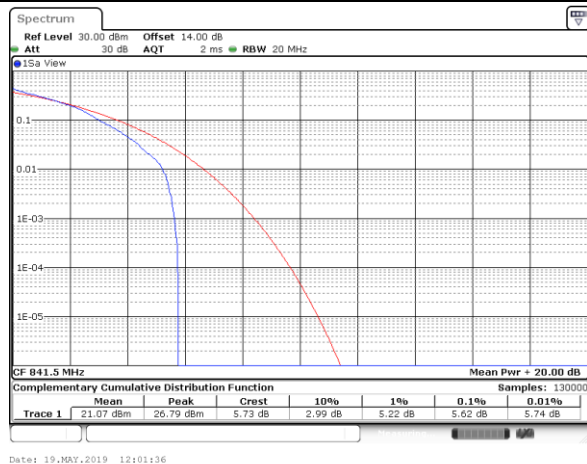
Middle Channel / 1RB



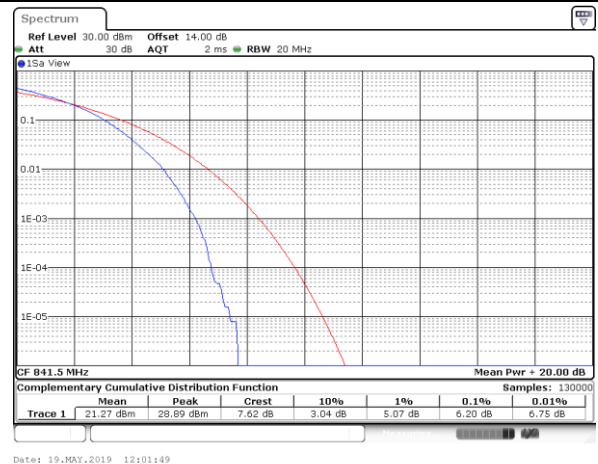
Middle Channel / Full RB



Highest Channel / 1RB



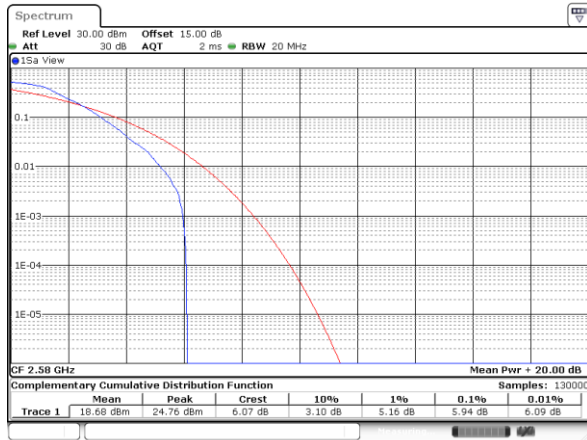
Highest Channel / Full RB



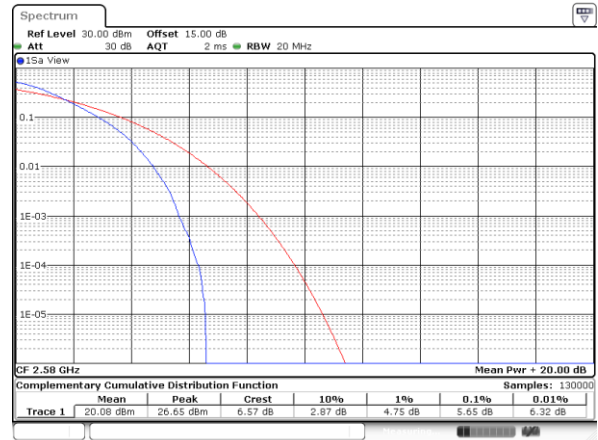


LTE Band 38 / 20MHz / QPSK

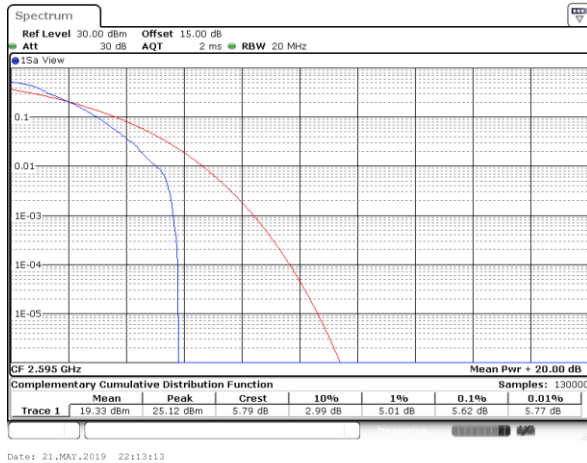
Lowest Channel / 1RB



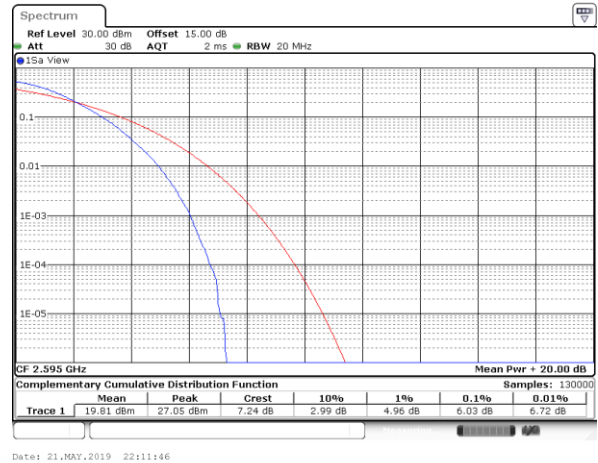
Lowest Channel / Full RB



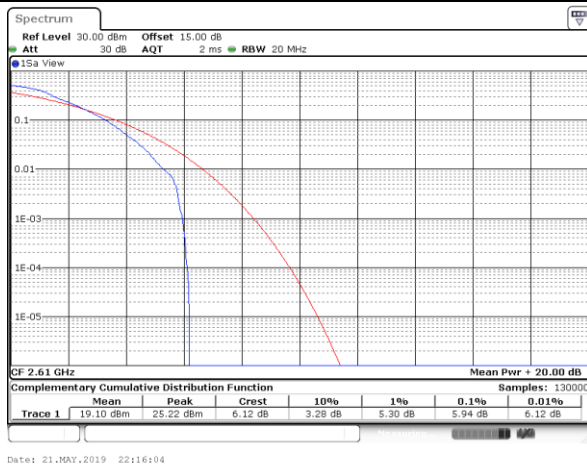
Middle Channel / 1RB



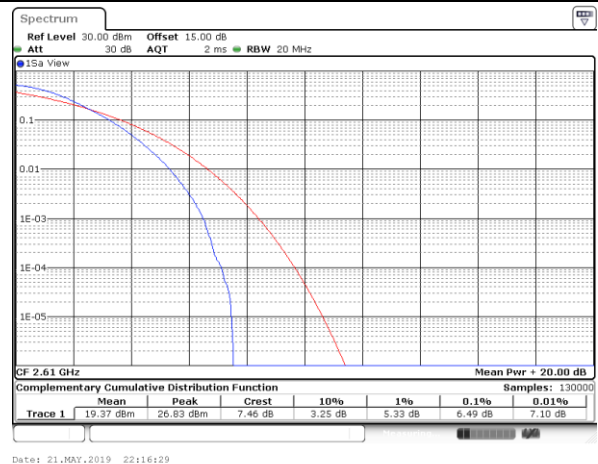
Middle Channel / Full RB



Highest Channel / 1RB



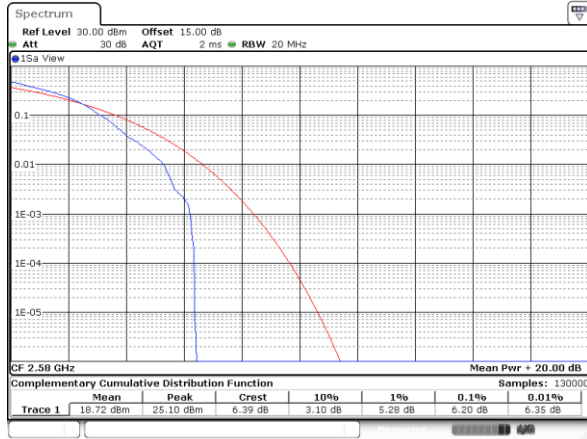
Highest Channel / Full RB



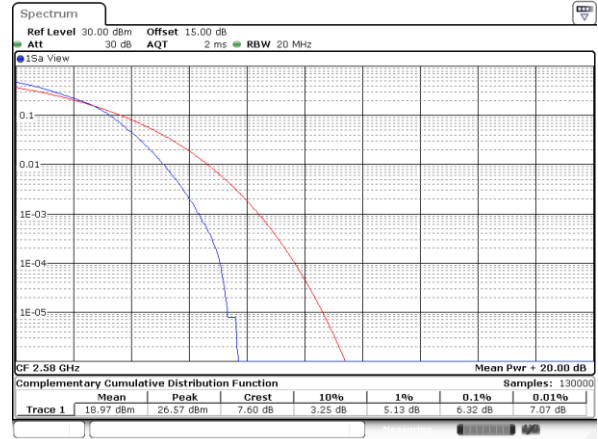


LTE Band 38 / 20MHz / 16QAM

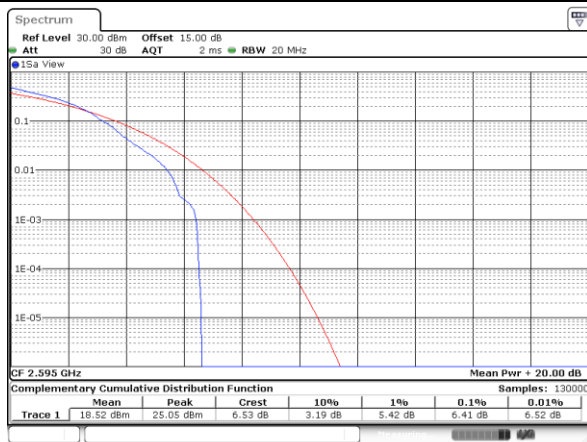
Lowest Channel / 1RB



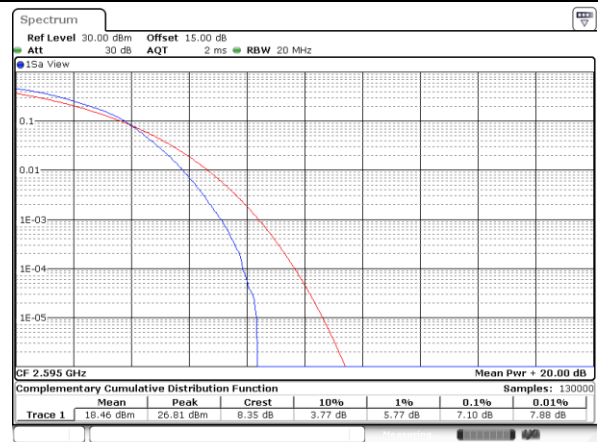
Lowest Channel / Full RB



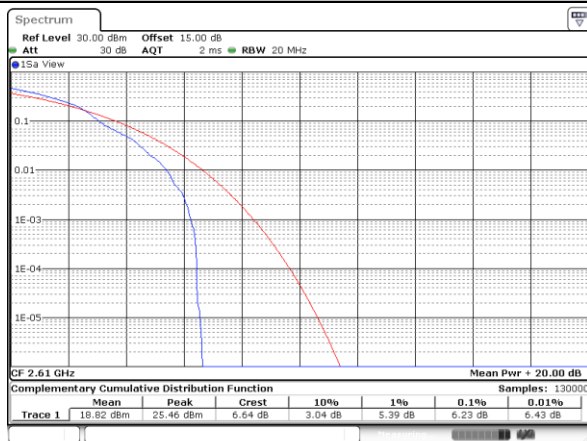
Middle Channel / 1RB



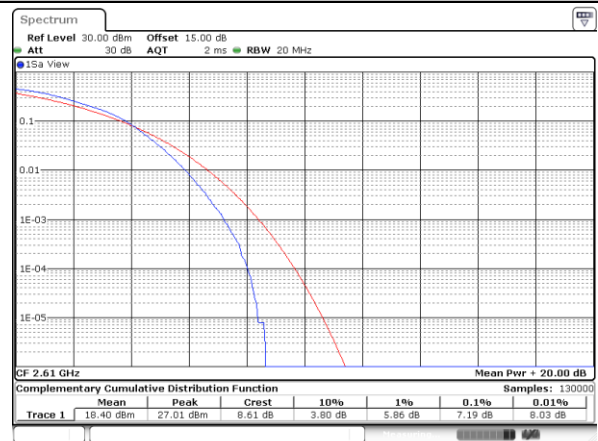
Middle Channel / Full RB



Highest Channel / 1RB



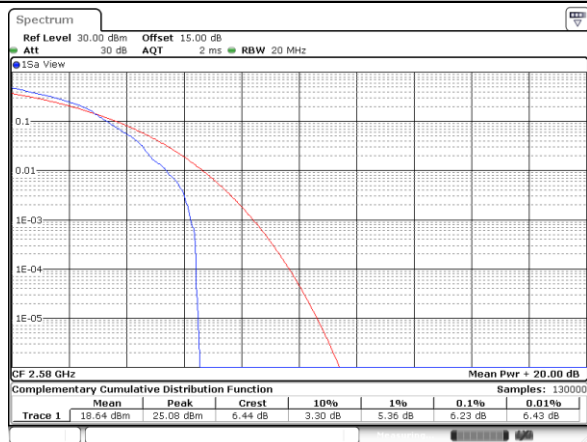
Highest Channel / Full RB



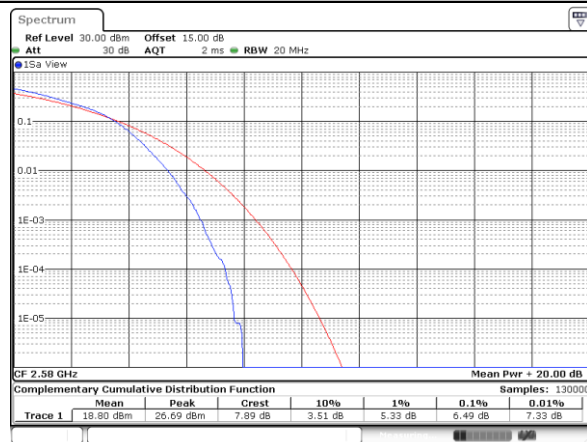


LTE Band 38 / 20MHz / 64QAM

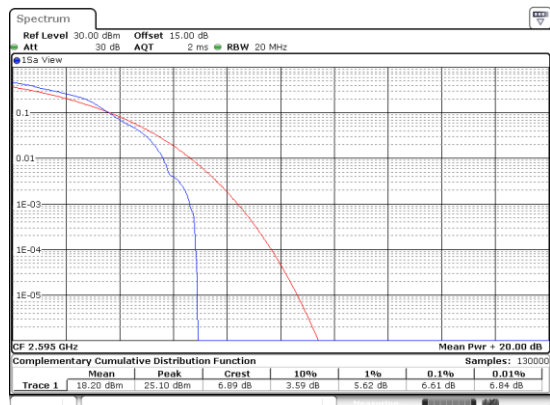
Lowest Channel / 1RB



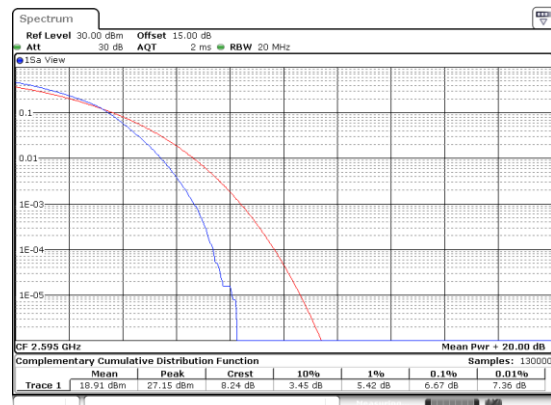
Lowest Channel / Full RB



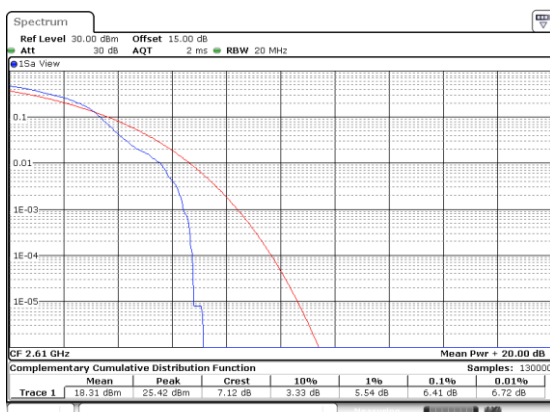
Middle Channel / 1RB



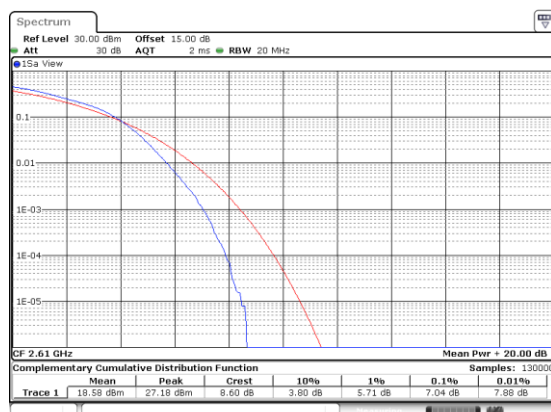
Middle Channel / Full RB



Highest Channel / 1RB



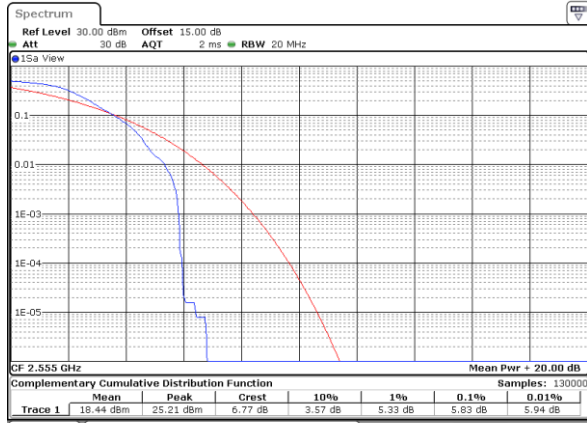
Highest Channel / Full RB



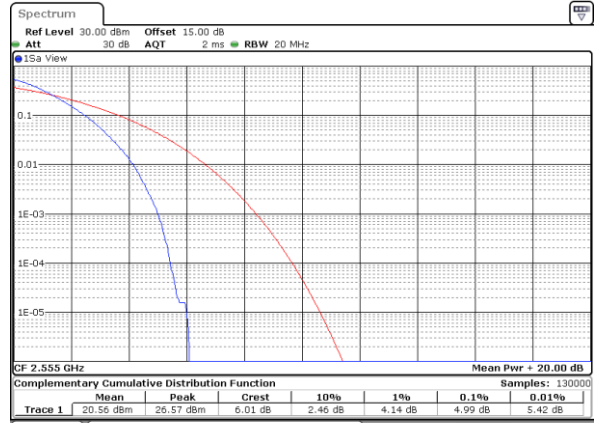


LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



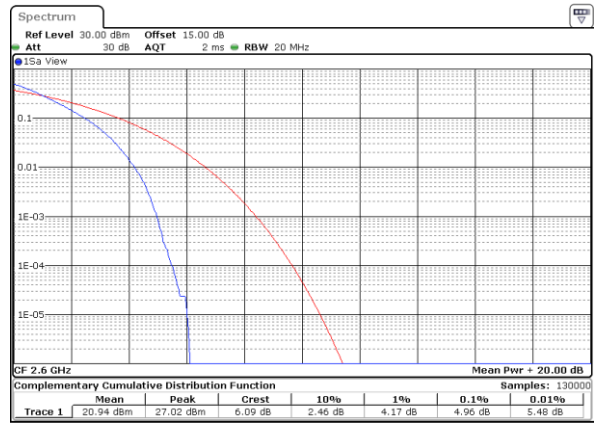
Lowest Channel / Full RB



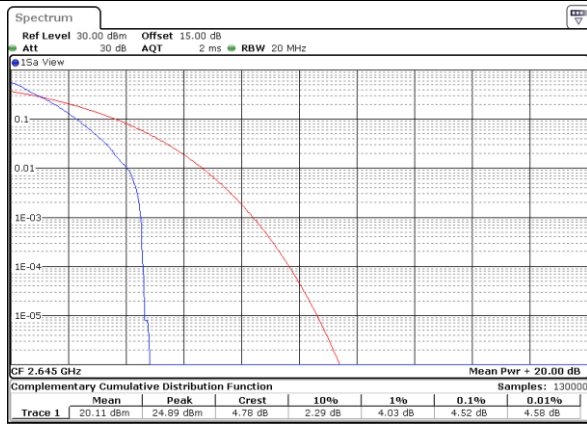
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB



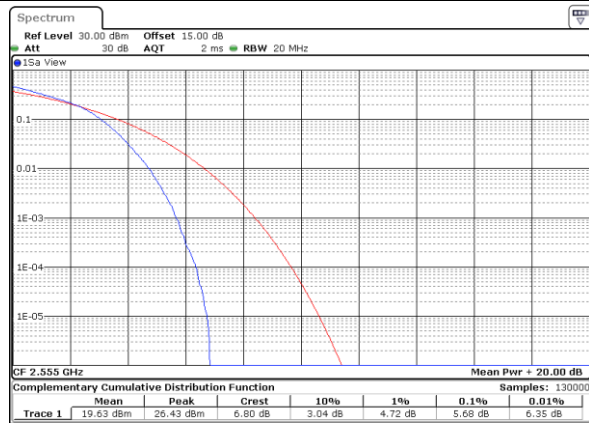


LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



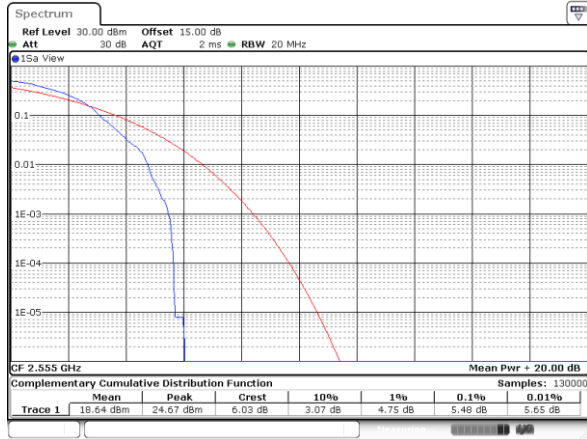
Highest Channel / Full RB



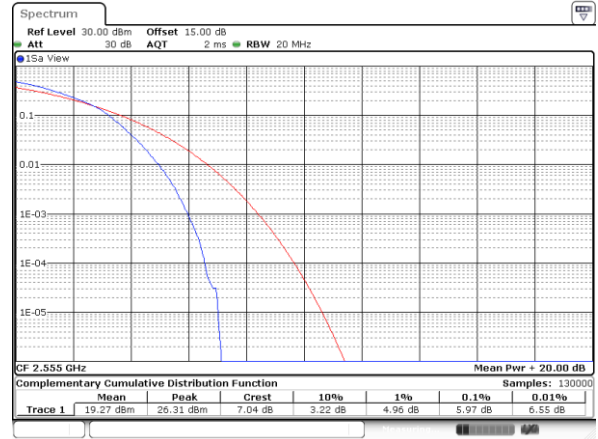


LTE Band 41 / 20MHz / 64QAM

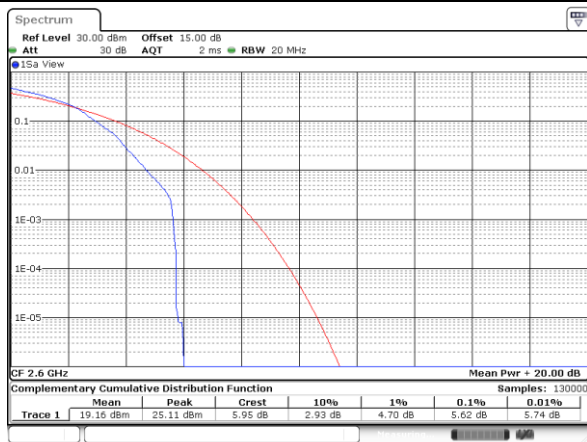
Lowest Channel / 1RB



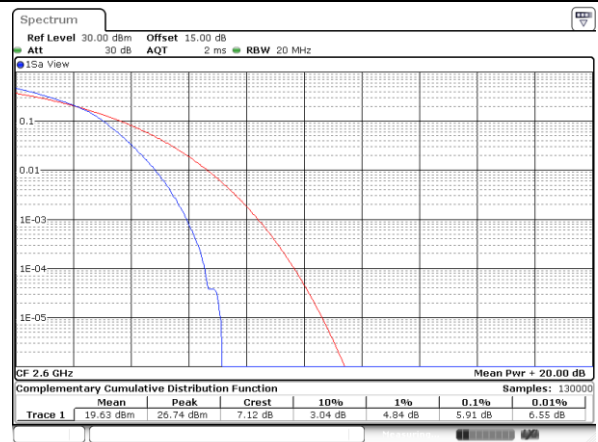
Lowest Channel / Full RB



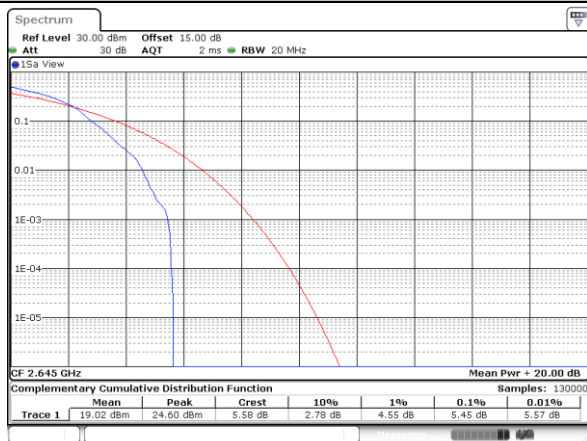
Middle Channel / 1RB



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	1.222	1.245	3.039	2.997	4.905	4.825	10.01	9.79	14.655	14.895	20.22	20.579
Middle CH	1.211	1.236	2.997	2.997	4.965	4.945	9.75	9.99	14.685	14.745	20.22	20.699
Highest CH	1.225	1.231	3.021	2.991	4.955	4.885	9.75	9.95	14.416	14.925	20.22	20.1
Mode	LTE Band 2 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.245		2.991		4.865		9.85		14.775		20.22	
Middle CH	1.234		3.015		4.915		9.83		14.416		20.06	
Highest CH	1.228		2.961		4.875		9.99		14.595		20.14	

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	1.242	1.239	3.021	3.003	4.885	4.895	9.71	9.77	14.835	14.625	20.38	20.38
Middle CH	1.234	1.253	3.021	3.021	4.925	4.925	9.81	9.95	14.745	14.715	20.22	20.1
Highest CH	1.211	1.228	3.033	3.003	4.895	4.905	9.95	9.99	14.296	14.745	20.26	20.46
Mode	LTE Band 4: 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	1.253		2.997		4.925		9.85		14.625		20.34	
Middle CH	1.242		2.991		4.965		9.99		14.086		20.1	
Highest CH	1.236		2.979		4.935		9.81		14.655		20.3	

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	1.236	1.239	3.021	3.003	4.895	4.905	9.89	9.75	1.242	3.021	4.955	9.75
Middle CH	1.231	1.231	3.009	3.021	4.865	4.905	9.91	9.93	1.228	3.015	4.905	10.13
Highest CH	1.239	1.231	3.009	2.991	4.915	4.905	9.87	9.89	1.239	3.027	4.955	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					4.905	4.935	9.69	9.97	14.565	14.835	20.18	20.619
Middle CH					4.855	4.945	9.81	9.71	14.446	14.865	20.18	20.14
Highest CH					4.895	4.875	9.93	9.73	14.805	14.595	20.38	20.22
Mode	LTE Band 7 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz					
Mod.	64QAM	-	64QAM	-	64QAM	-	64QAM	-				
Lowest CH	4.955	-	10.03	-	14.715	-	20.46	-				
Middle CH	4.895	-	9.97	-	14.745	-	20.38	-				
Highest CH	4.915	-	9.81	-	14.595	-	20.22	-				

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM		
Lowest CH	1.239	1.228	3.003	2.949	4.875	4.945	9.81	9.85	14.146	14.655		
Middle CH	1.245	1.234	2.991	3.033	4.875	4.965	9.81	9.79	14.446	14.625		
Highest CH	1.236	1.228	2.997	2.997	4.985	4.935	9.89	9.71	14.236	14.685		
Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz			
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM			
Lowest CH	1.239		3.015		4.845		9.87		14.715			
Middle CH	1.248		2.967		4.935		9.89		14.715			
Highest CH	1.231		2.973		4.875		9.75		14.895			

Mode	LTE Band 38 : 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	-	-	-	-	4.835	4.905	9.67	9.61	14.146	14.505	20.38	20.26
Middle CH	-	-	-	-	4.815	4.935	9.89	9.79	14.206	14.356	20.1	20.1
Highest CH	-	-	-	-	4.885	4.865	9.83	9.77	14.446	14.446	20.22	20.1
Mode	LTE Band 38 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM	
Lowest CH	-		-		4.755		9.81		14.176		20.18	
Middle CH	-		-		4.815		9.75		14.266		20.14	
Highest CH	-		-		4.885		9.83		14.865		20.14	

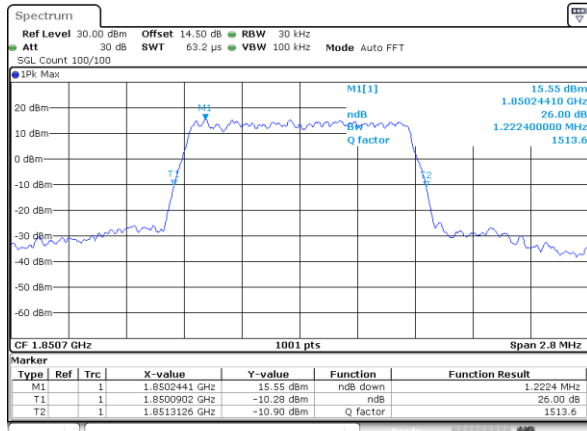


Mode	LTE Band 41 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	-	-	-	-	4.885	4.855	9.67	9.93	14.535	14.176	20.46	20.38
Middle CH	-	-	-	-	4.875	4.795	9.97	10.03	14.446	14.476	20.22	20.22
Highest CH	-	-	-	-	4.915	4.795	9.73	9.91	14.565	14.116	20.26	20.3
Mode	LTE Band 41 : 26dB BW(MHz)											
BW					5MHz		10MHz		15MHz		20MHz	
Mod.					64QAM		64QAM		64QAM		64QAM	
Lowest CH					4.885		9.77		14.416		20.3	
Middle CH					4.895		9.79		14.446		20.26	
Highest CH					4.935		9.75		14.296		20.34	



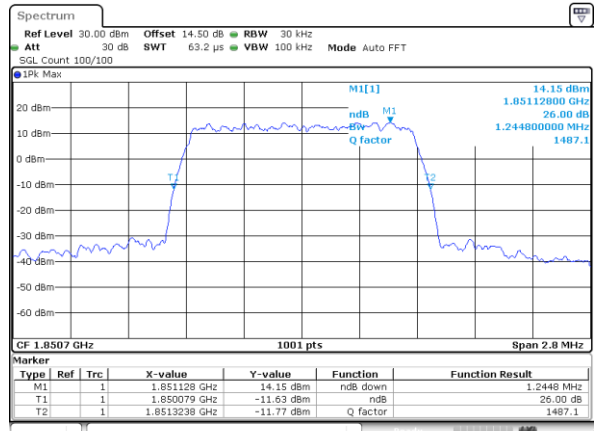
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



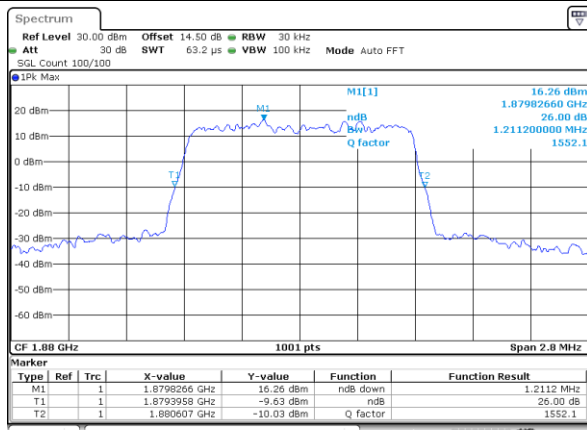
Date: 19.MAY.2019 12:16:40

Lowest Channel / 1.4MHz / 16QAM



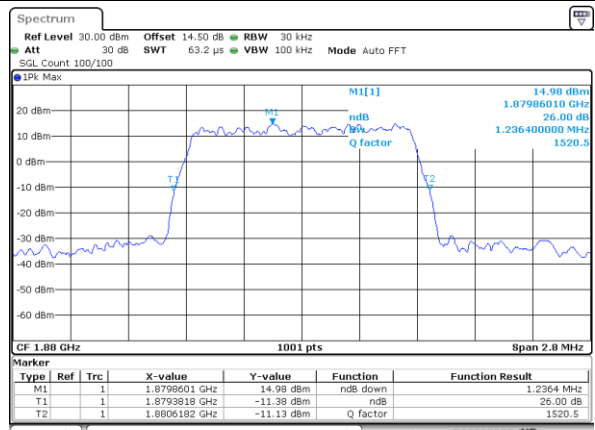
Date: 19.MAY.2019 12:16:58

Middle Channel / 1.4MHz / QPSK



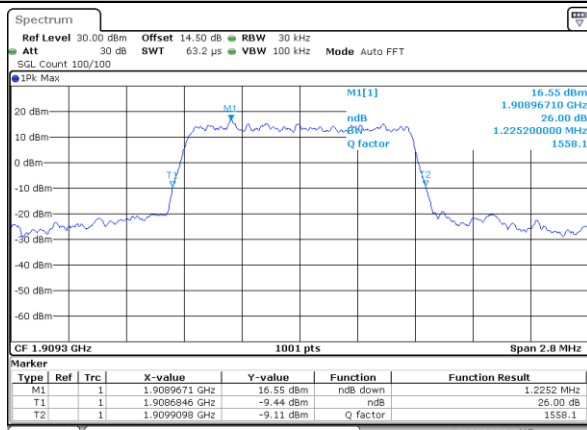
Date: 19.MAY.2019 12:17:20

Middle Channel / 1.4MHz / 16QAM



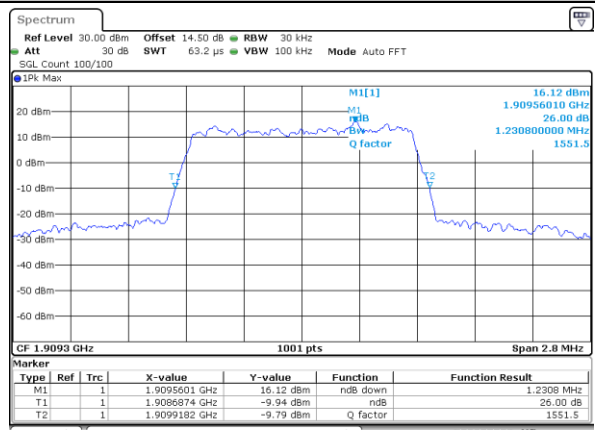
Date: 19.MAY.2019 12:17:38

Highest Channel / 1.4MHz / QPSK



Date: 19.MAY.2019 12:18:08

Highest Channel / 1.4MHz / 16QAM

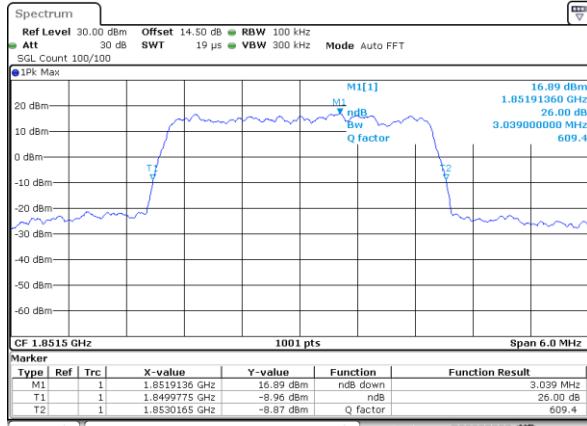


Date: 19.MAY.2019 12:18:18



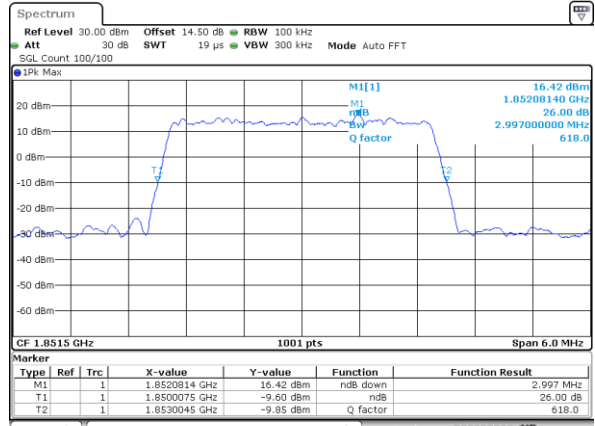
LTE Band 2

Lowest Channel / 3MHz / QPSK



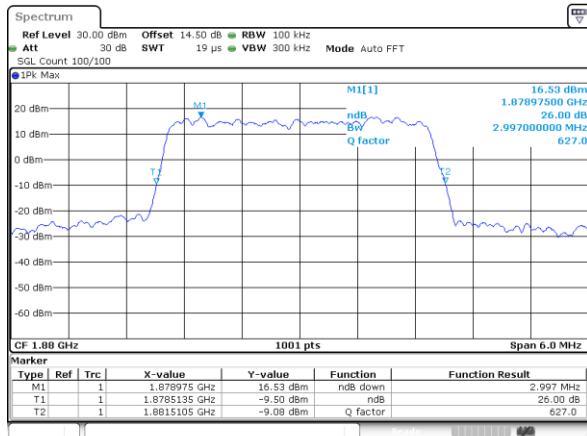
Date: 19.MAY.2019 12:18:40

Lowest Channel / 3MHz / 16QAM



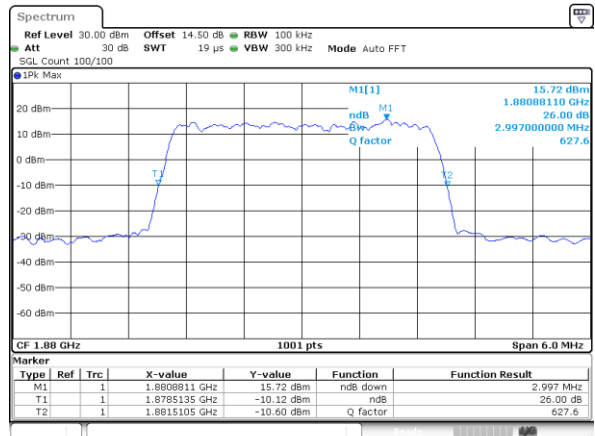
Date: 19.MAY.2019 12:18:58

Middle Channel / 3MHz / QPSK



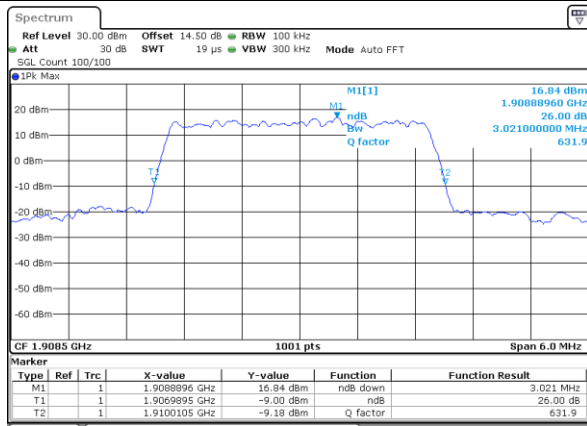
Date: 19.MAY.2019 12:21:20

Middle Channel / 3MHz / 16QAM



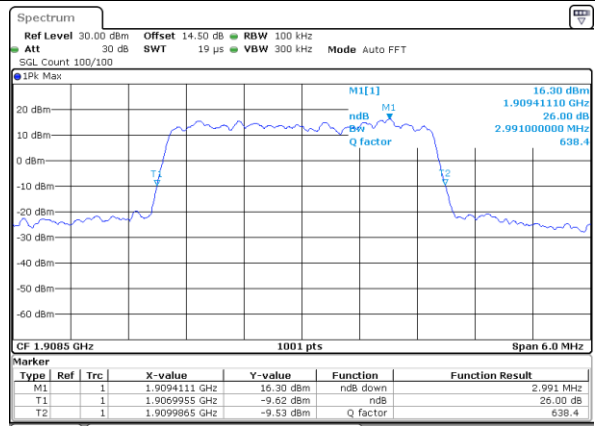
Date: 19.MAY.2019 12:21:30

Highest Channel / 3MHz / QPSK



Date: 19.MAY.2019 12:22:00

Highest Channel / 3MHz / 16QAM

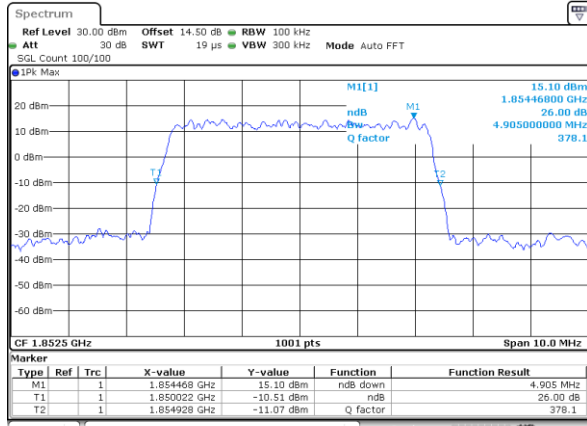


Date: 19.MAY.2019 12:22:10



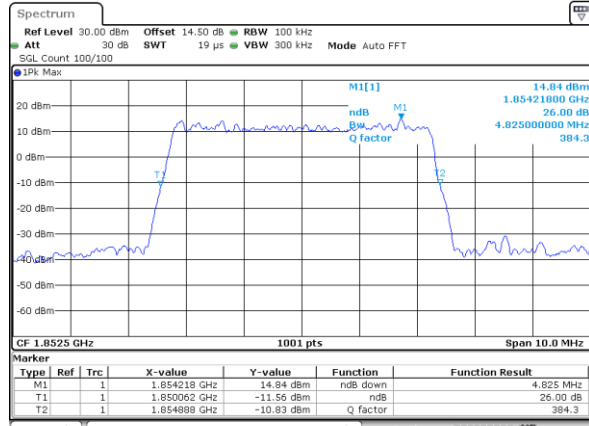
LTE Band 2

Lowest Channel / 5MHz / QPSK



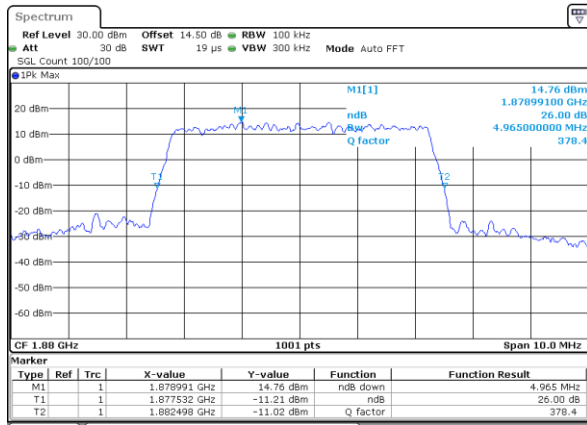
Date: 19.MAY.2019 12:22:40

Lowest Channel / 5MHz / 16QAM



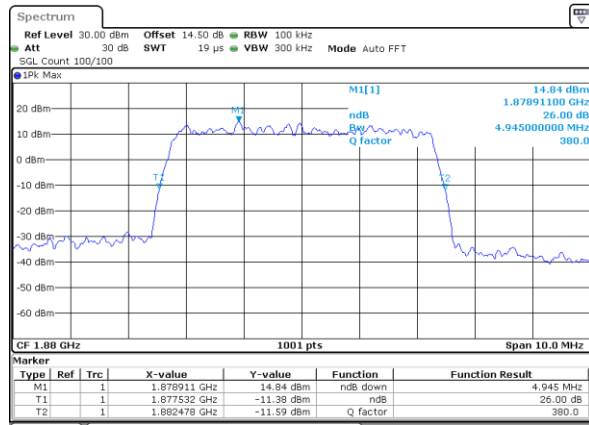
Date: 19.MAY.2019 12:22:50

Middle Channel / 5MHz / QPSK



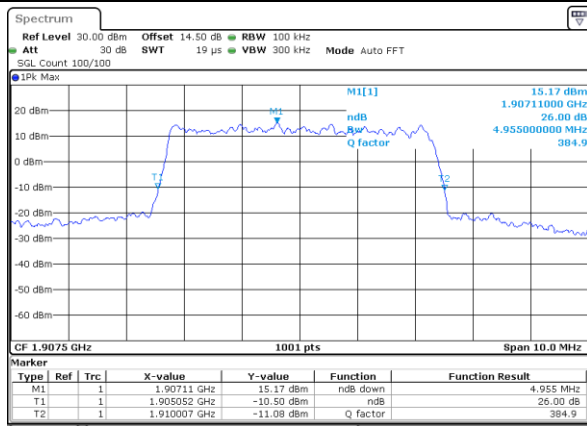
Date: 19.MAY.2019 12:23:20

Middle Channel / 5MHz / 16QAM



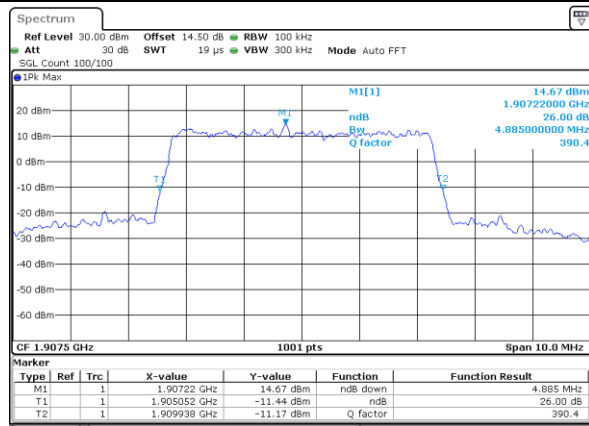
Date: 19.MAY.2019 12:23:30

Highest Channel / 5MHz / QPSK



Date: 19.MAY.2019 12:24:00

Highest Channel / 5MHz / 16QAM

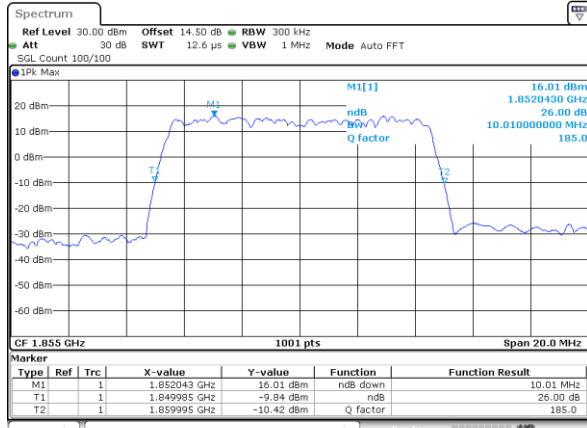


Date: 19.MAY.2019 12:24:10



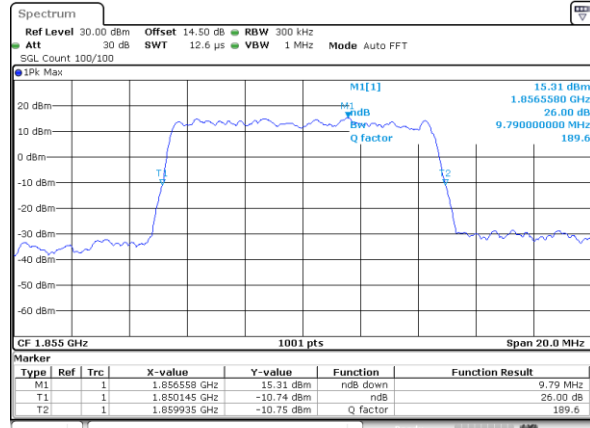
LTE Band 2

Lowest Channel / 10MHz / QPSK



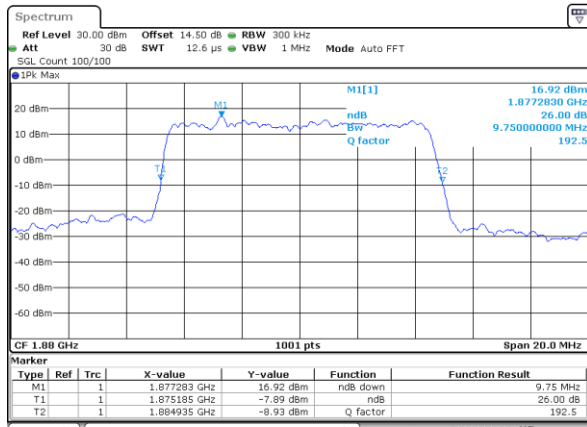
Date: 19.MAY.2019 12:24:40

Lowest Channel / 10MHz / 16QAM



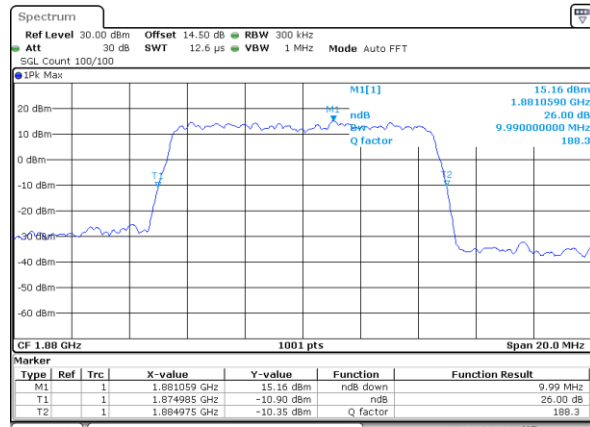
Date: 19.MAY.2019 12:24:50

Middle Channel / 10MHz / QPSK



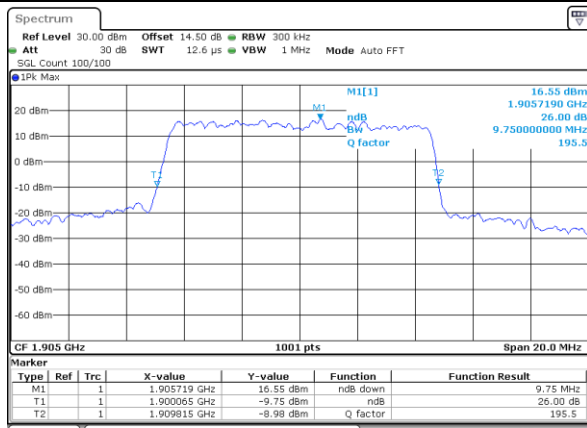
Date: 19.MAY.2019 12:25:20

Middle Channel / 10MHz / 16QAM



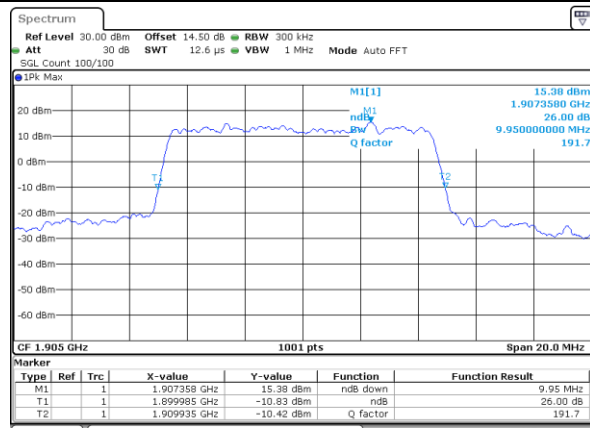
Date: 19.MAY.2019 12:25:30

Highest Channel / 10MHz / QPSK



Date: 19.MAY.2019 12:26:00

Highest Channel / 10MHz / 16QAM

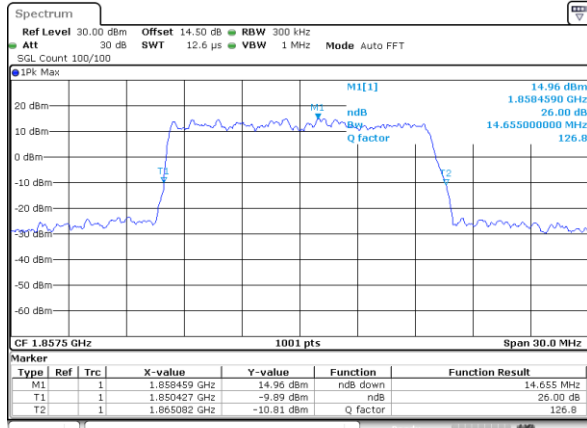


Date: 19.MAY.2019 12:26:10



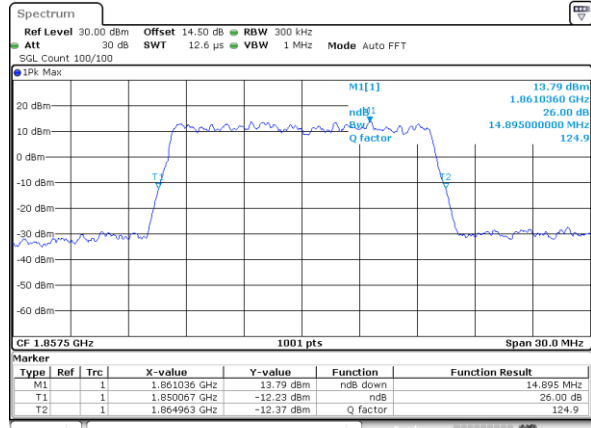
LTE Band 2

Lowest Channel / 15MHz / QPSK



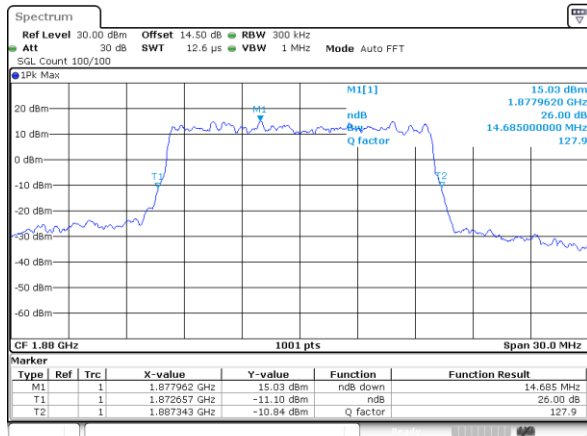
Date: 19.MAY.2019 12:26:40

Lowest Channel / 15MHz / 16QAM



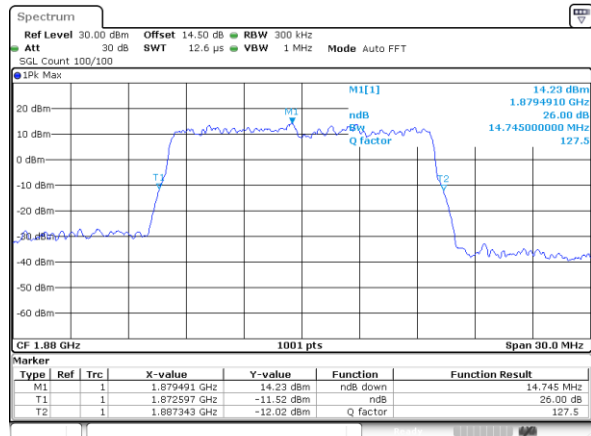
Date: 19.MAY.2019 12:26:51

Middle Channel / 15MHz / QPSK



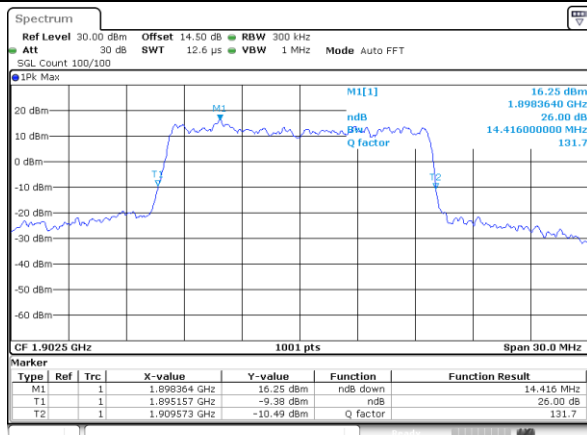
Date: 19.MAY.2019 12:27:21

Middle Channel / 15MHz / 16QAM



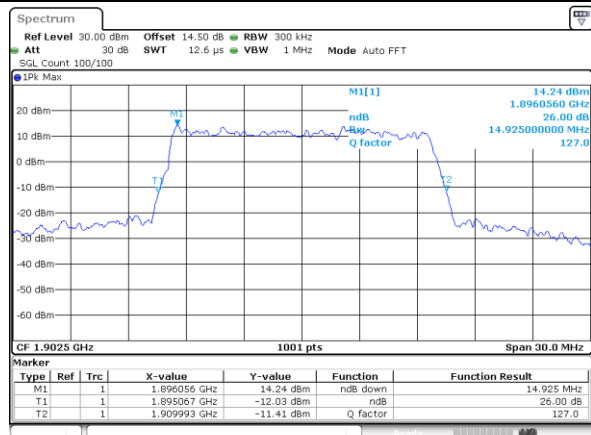
Date: 19.MAY.2019 12:27:31

Highest Channel / 15MHz / QPSK



Date: 19.MAY.2019 12:28:01

Highest Channel / 15MHz / 16QAM

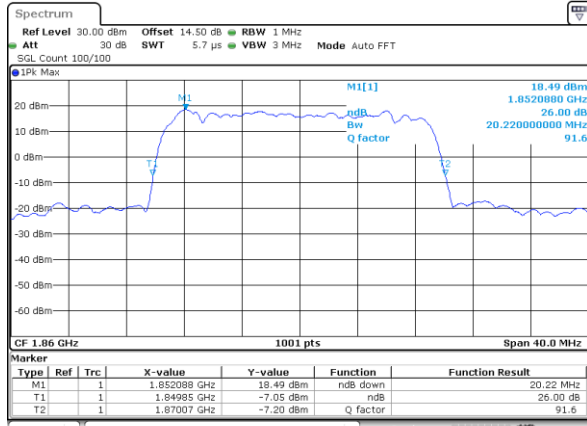


Date: 19.MAY.2019 12:28:11



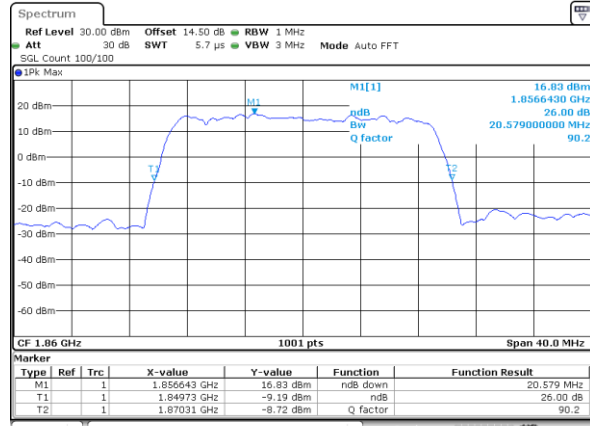
LTE Band 2

Lowest Channel / 20MHz / QPSK



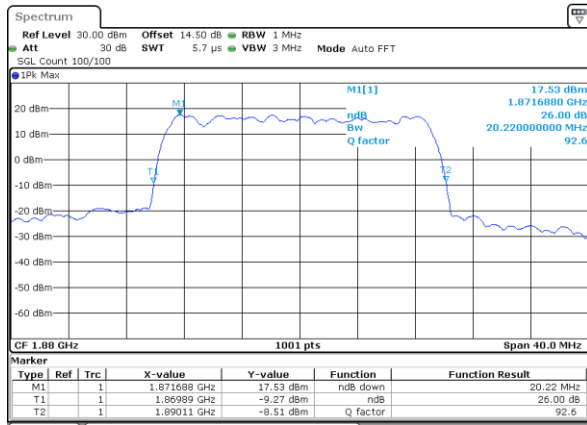
Date: 19.MAY.2019 12:28:42

Lowest Channel / 20MHz / 16QAM



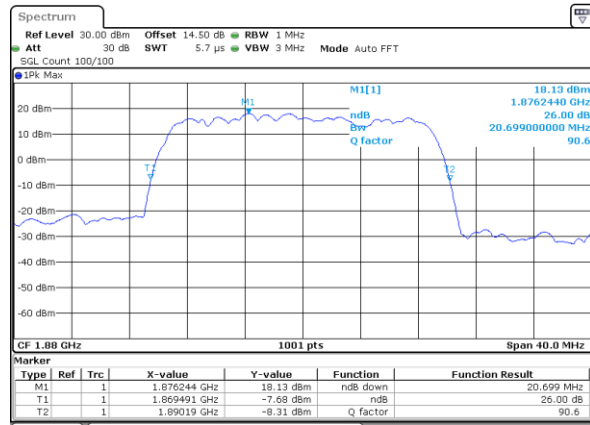
Date: 19.MAY.2019 12:28:52

Middle Channel / 20MHz / QPSK



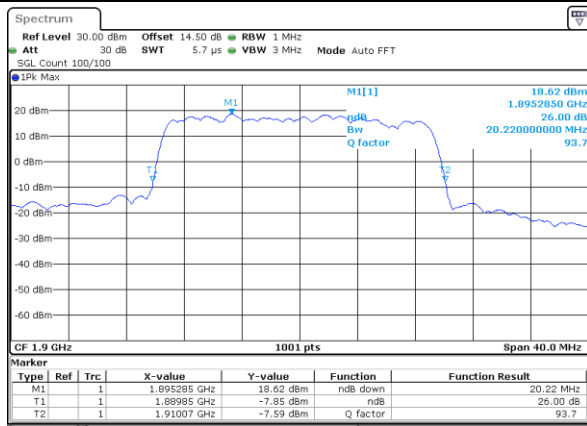
Date: 19.MAY.2019 12:29:22

Middle Channel / 20MHz / 16QAM



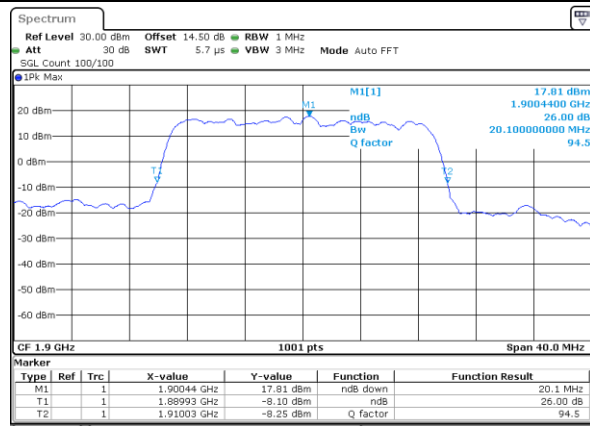
Date: 19.MAY.2019 12:29:32

Highest Channel / 20MHz / QPSK



Date: 19.MAY.2019 12:30:02

Highest Channel / 20MHz / 16QAM

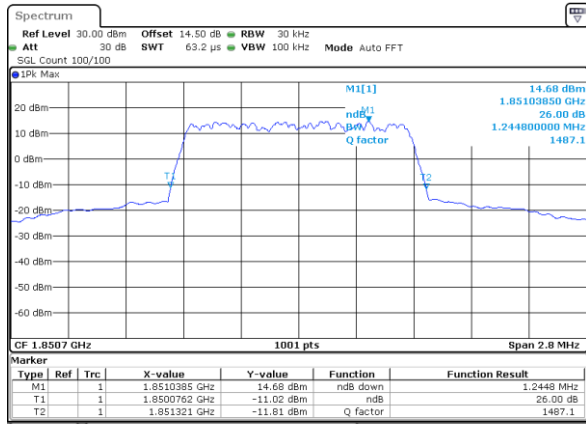


Date: 19.MAY.2019 12:30:12



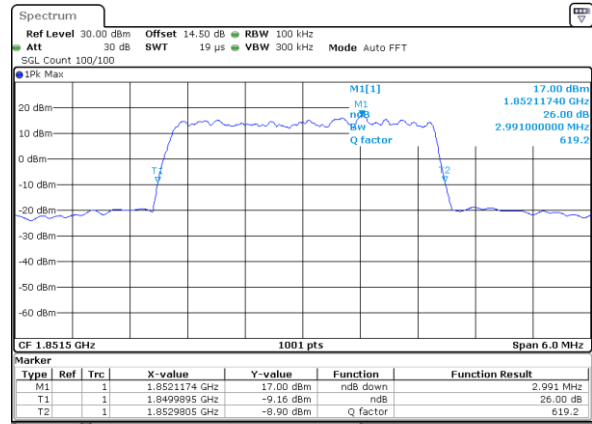
LTE Band 2

Lowest Channel / 1.4MHz / 64QAM



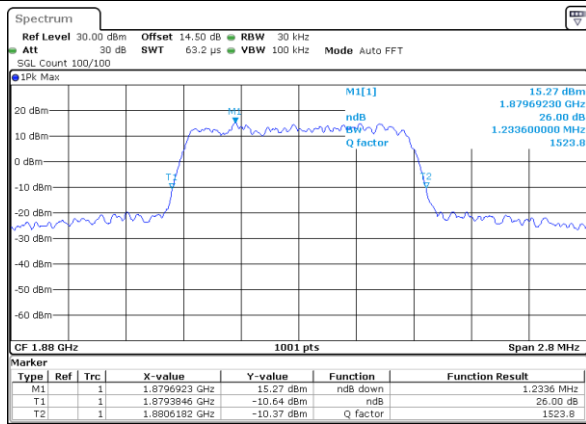
Date: 19.MAY.2019 12:34:35

Lowest Channel / 3MHz / 64QAM



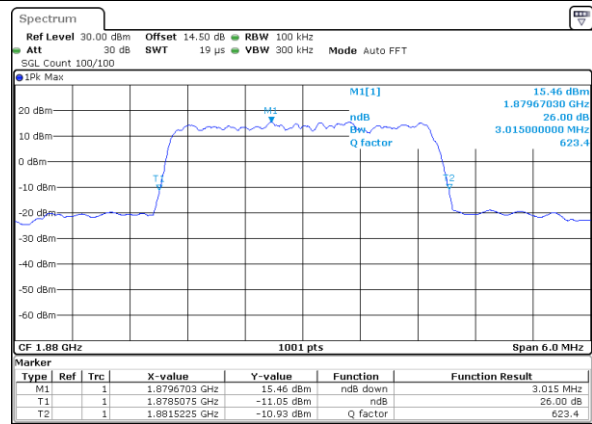
Date: 19.MAY.2019 12:35:36

Middle Channel / 1.4MHz / 64QAM



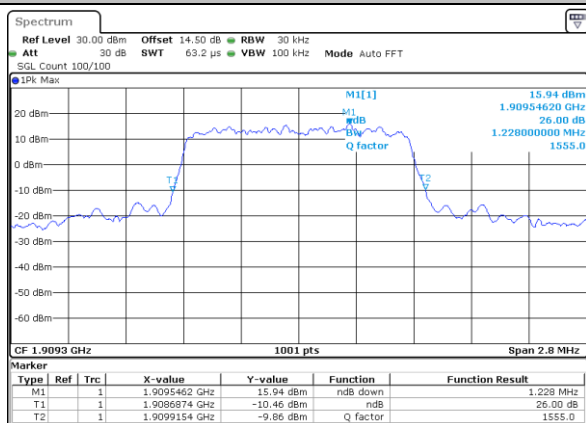
Date: 19.MAY.2019 12:34:45

Middle Channel / 3MHz / 64QAM



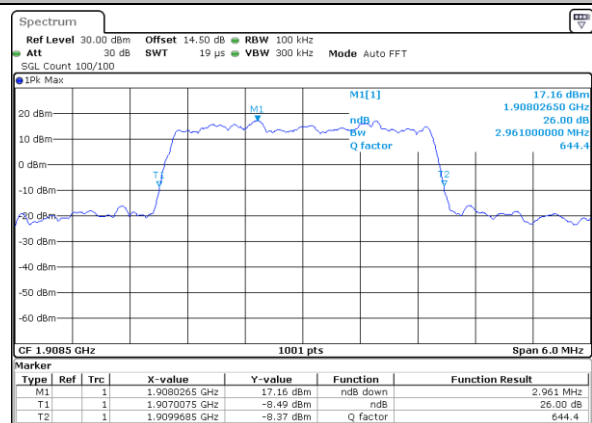
Date: 19.MAY.2019 12:35:46

Highest Channel / 1.4MHz / 64QAM



Date: 19.MAY.2019 12:34:55

Highest Channel / 3MHz / 64QAM

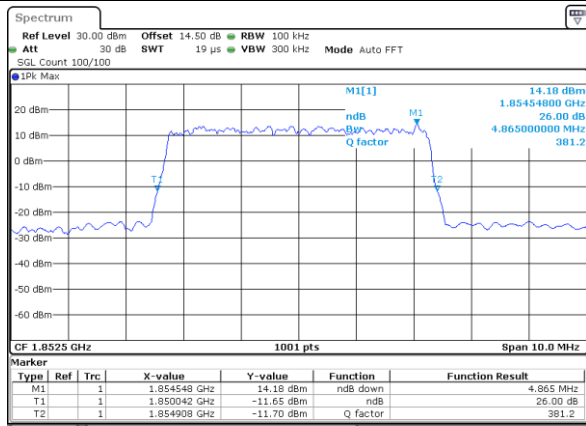


Date: 19.MAY.2019 12:35:56



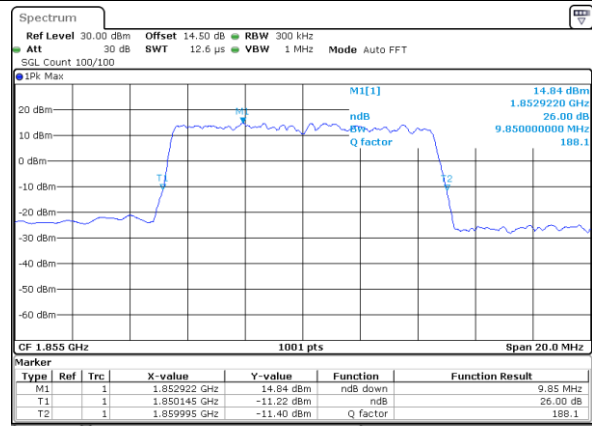
LTE Band 2

Lowest Channel / 5MHz / 64QAM



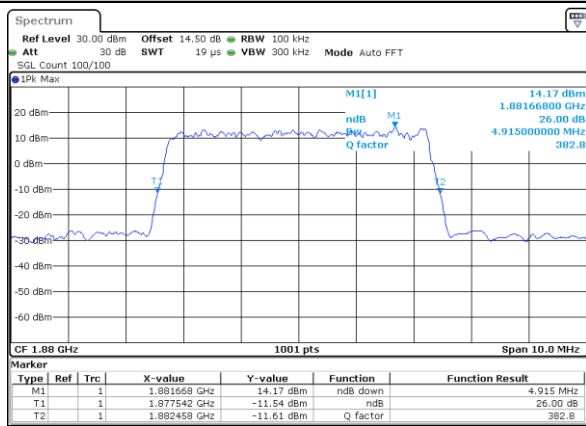
Date: 19.MAY.2019 12:36:36

Lowest Channel / 10MHz / 64QAM



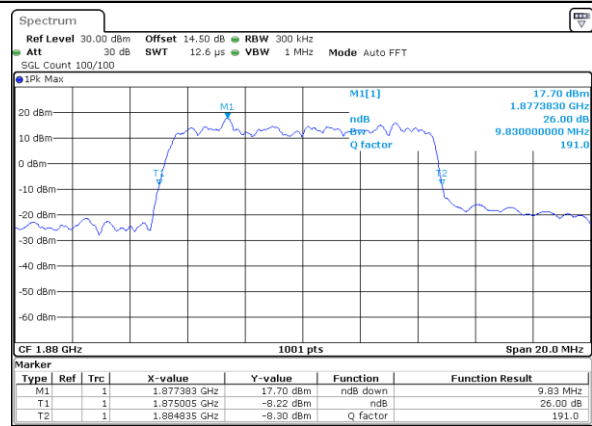
Date: 19.MAY.2019 12:37:37

Middle Channel / 5MHz / 64QAM



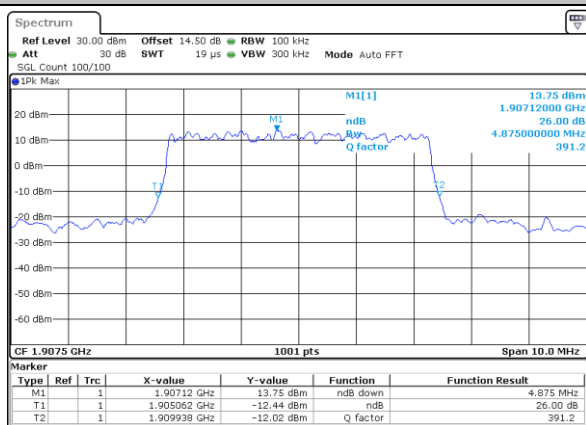
Date: 19.MAY.2019 12:36:46

Middle Channel / 10MHz / 64QAM



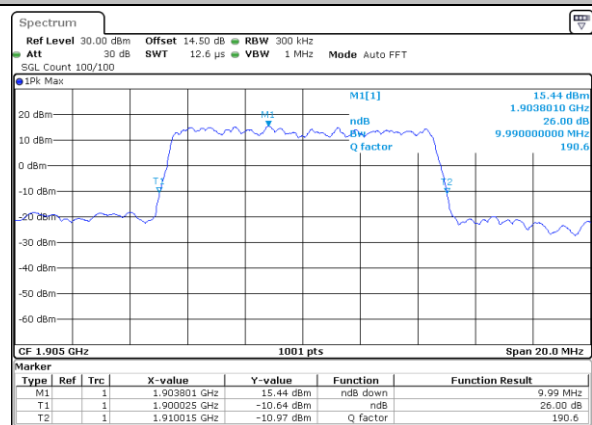
Date: 19.MAY.2019 12:37:47

Highest Channel / 5MHz / 64QAM



Date: 19.MAY.2019 12:36:56

Highest Channel / 10MHz / 64QAM

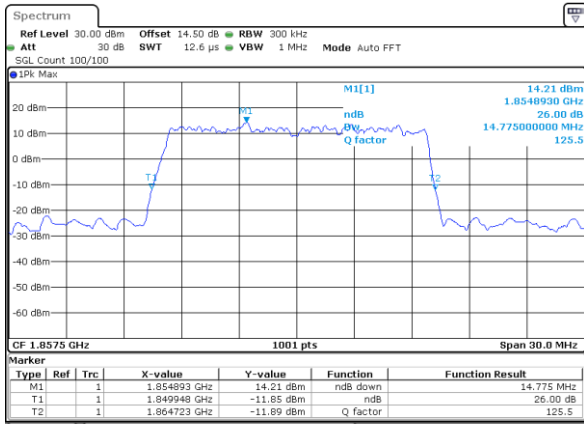


Date: 19.MAY.2019 12:37:57



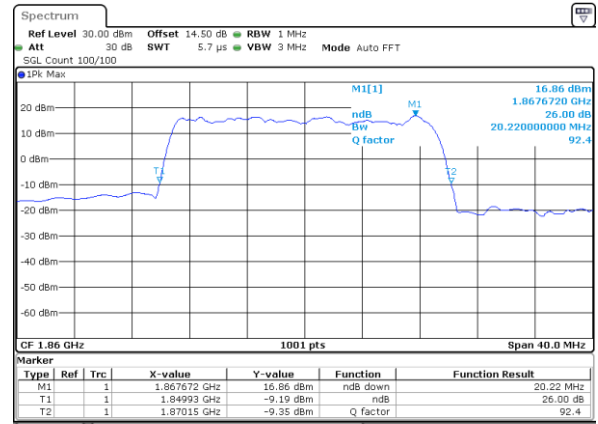
LTE Band 2

Lowest Channel / 15MHz / 64QAM



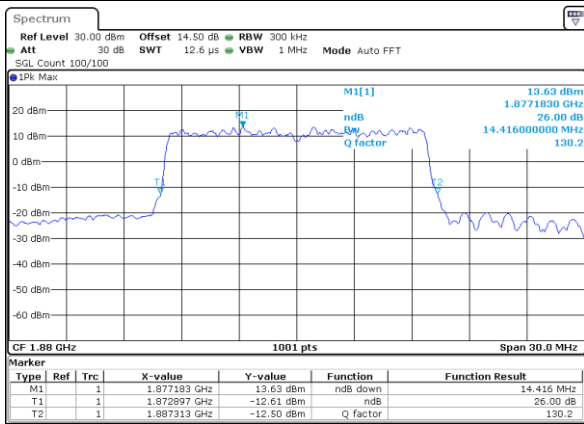
Date: 19.MAY.2019 12:38:37

Lowest Channel / 20MHz / 64QAM



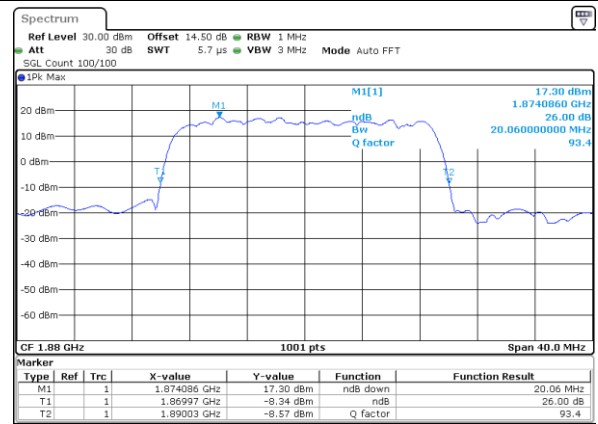
Date: 19.MAY.2019 12:39:38

Middle Channel / 15MHz / 64QAM



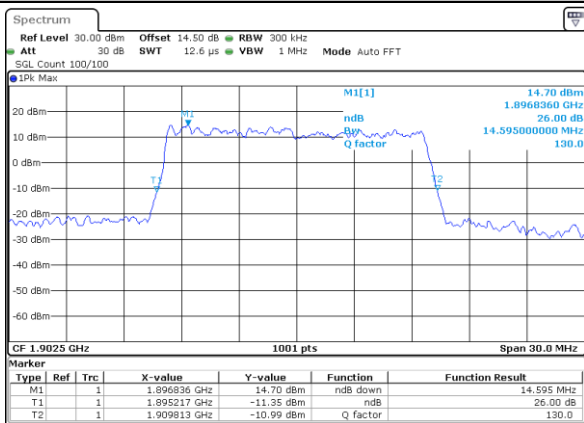
Date: 19.MAY.2019 12:38:47

Middle Channel / 20MHz / 64QAM



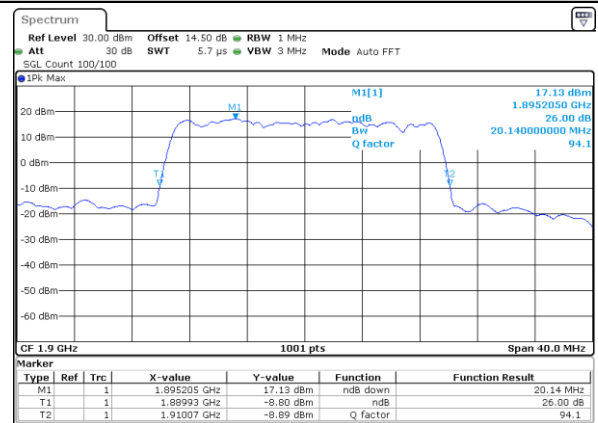
Date: 19.MAY.2019 12:39:48

Highest Channel / 15MHz / 64QAM



Date: 19.MAY.2019 12:38:57

Highest Channel / 20MHz / 64QAM

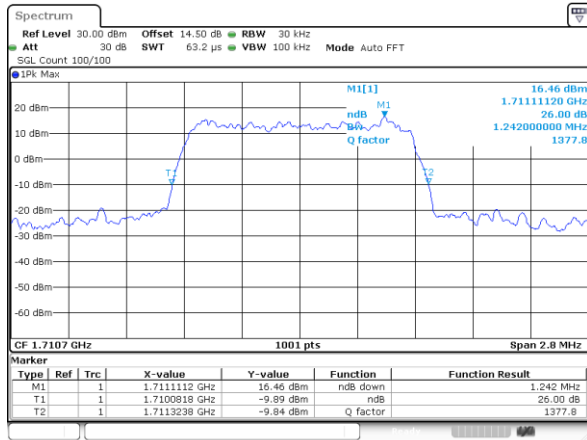


Date: 19.MAY.2019 12:39:58

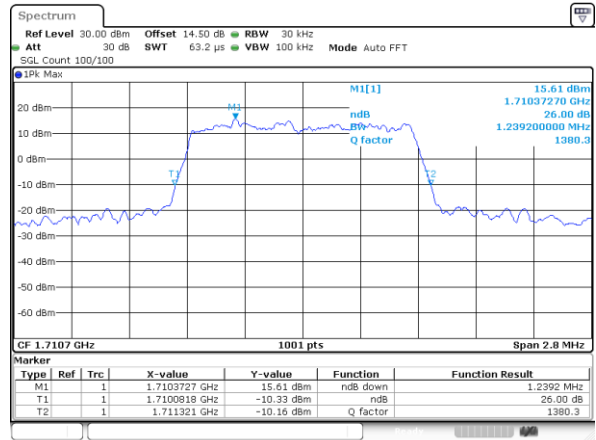


LTE Band 4

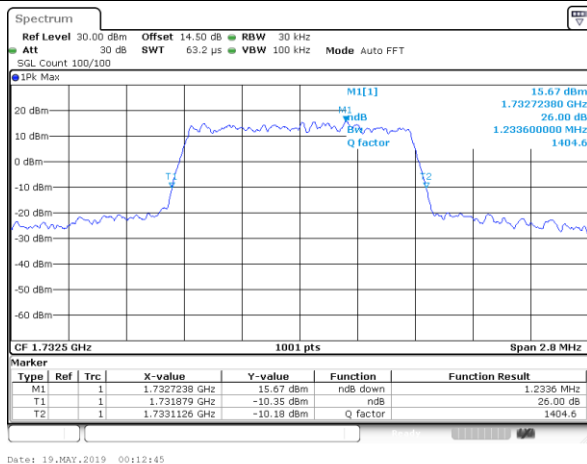
Lowest Channel / 1.4MHz / QPSK



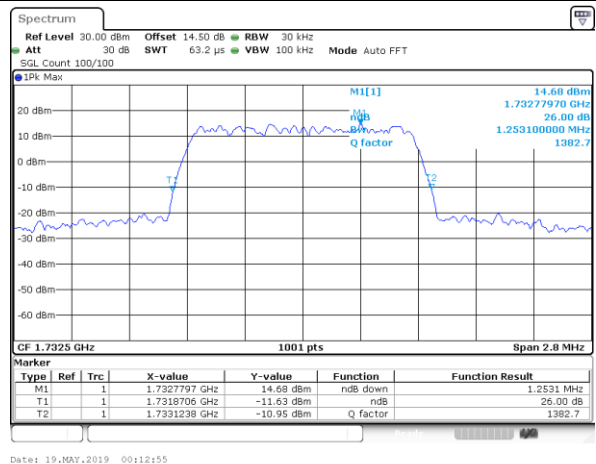
Lowest Channel / 1.4MHz / 16QAM



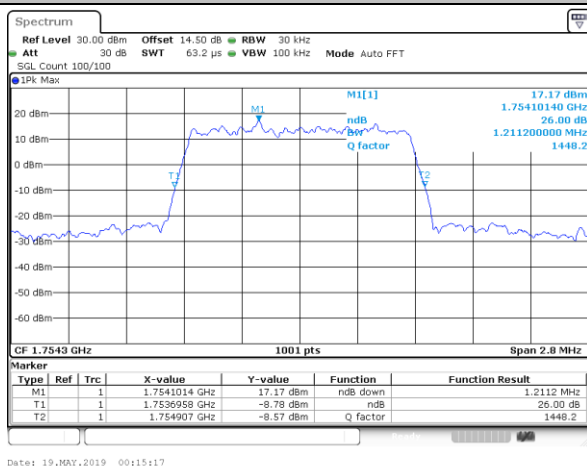
Middle Channel / 1.4MHz / QPSK



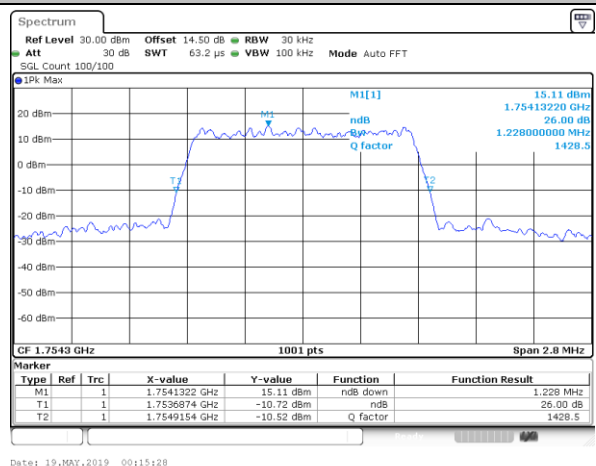
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK



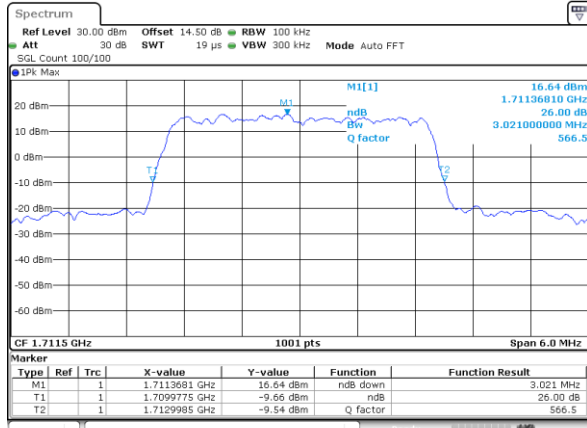
Highest Channel / 1.4MHz / 16QAM





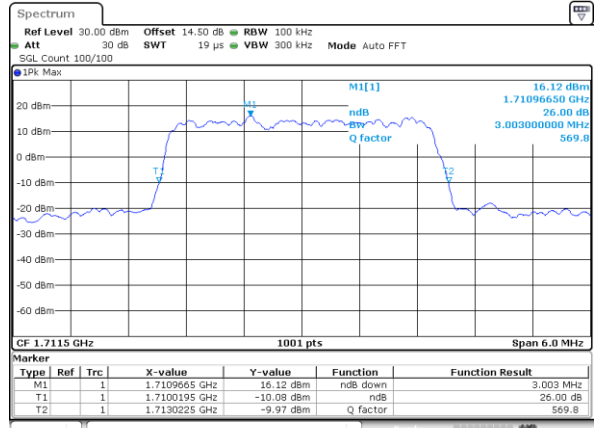
LTE Band 4

Lowest Channel / 3MHz / QPSK



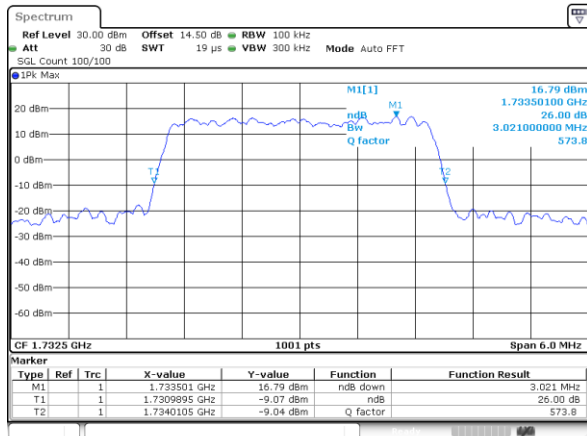
Date: 19.MAY.2019 00:39:43

Lowest Channel / 3MHz / 16QAM



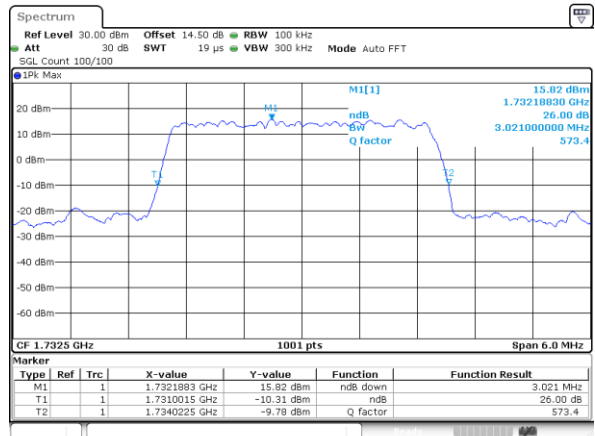
Date: 19.MAY.2019 00:39:53

Middle Channel / 3MHz / QPSK



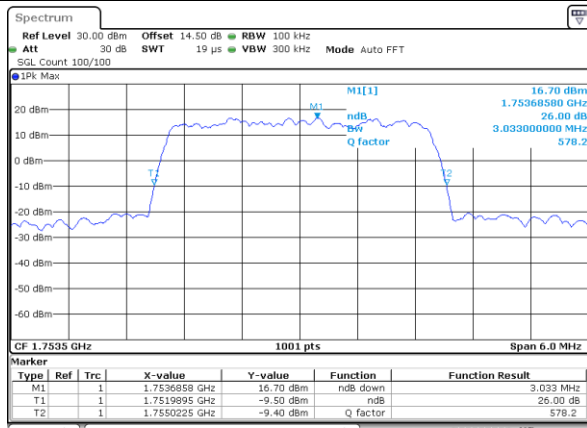
Date: 19.MAY.2019 00:46:54

Middle Channel / 3MHz / 16QAM



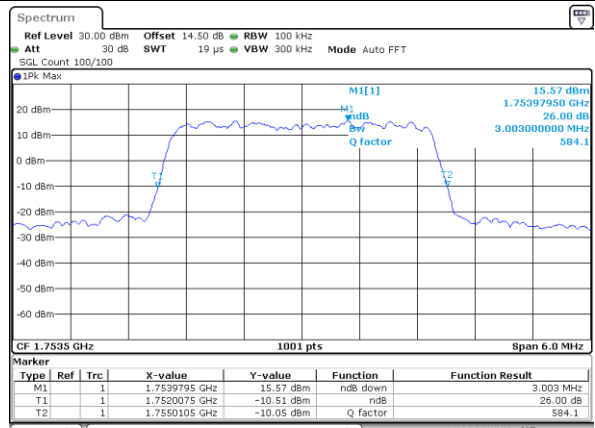
Date: 19.MAY.2019 00:47:04

Highest Channel / 3MHz / QPSK



Date: 19.MAY.2019 00:49:27

Highest Channel / 3MHz / 16QAM



Date: 19.MAY.2019 00:49:37