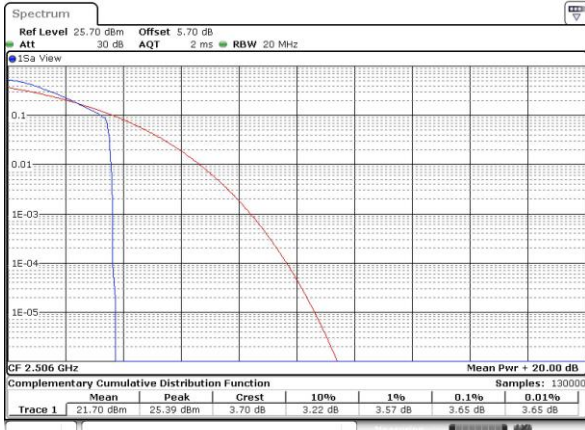




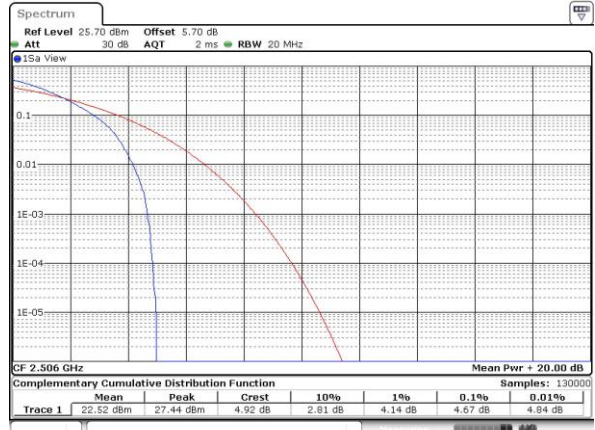
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



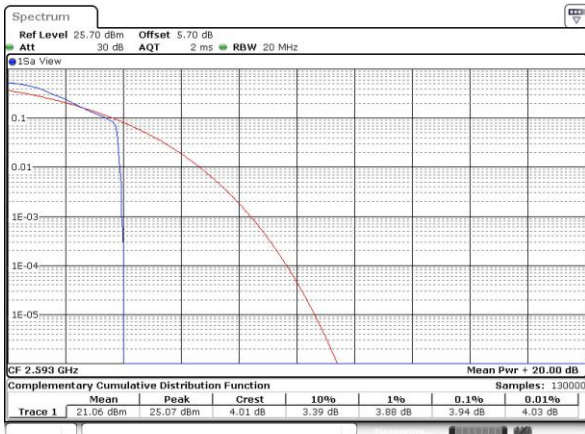
Date: 23 FEB 2019 20:37:29

Lowest Channel / Full RB



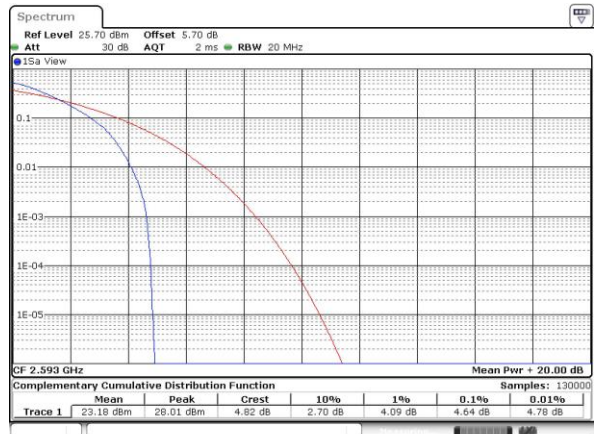
Date: 23 FEB 2019 20:28:23

Middle Channel / 1RB



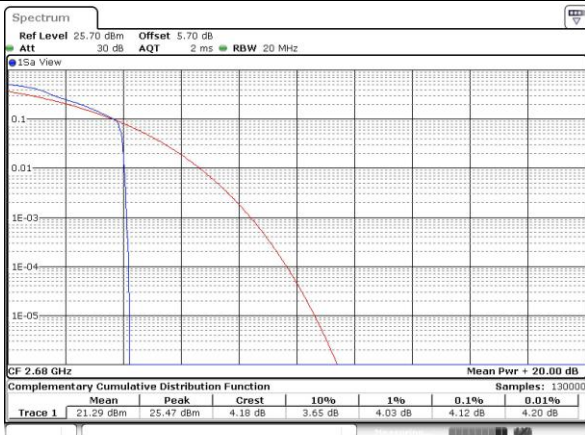
Date: 23 FEB 2019 20:36:08

Middle Channel / Full RB



Date: 23 FEB 2019 20:31:09

Highest Channel / 1RB



Date: 23 FEB 2019 20:35:46

Highest Channel / Full RB



Date: 23 FEB 2019 20:32:56



LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 23 FEB 2019 20:37:14

Lowest Channel / Full RB



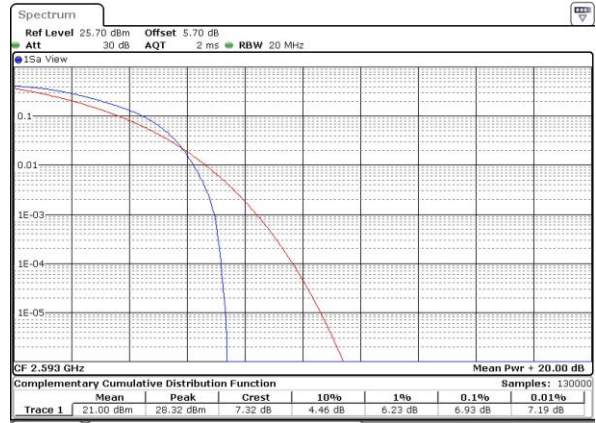
Date: 23 FEB 2019 20:28:42

Middle Channel / 1RB



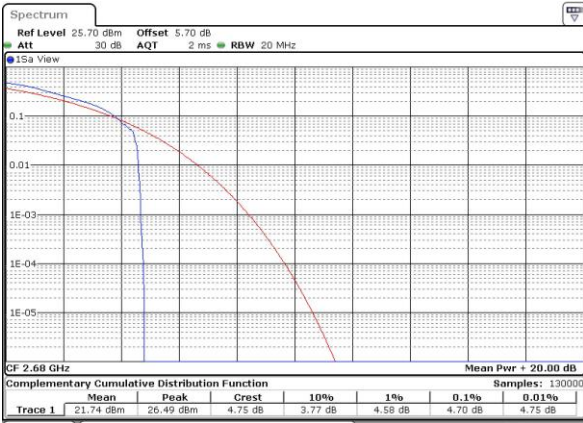
Date: 23 FEB 2019 20:36:25

Middle Channel / Full RB



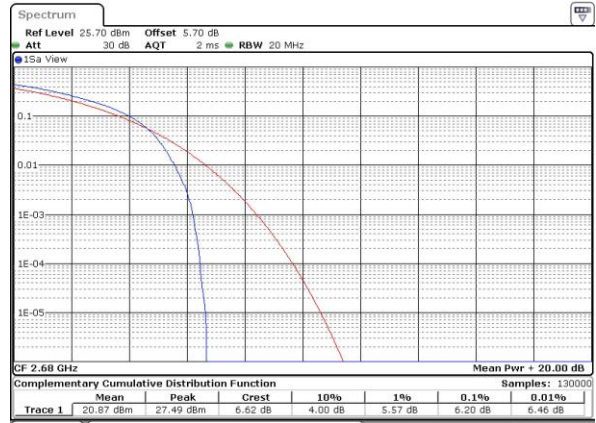
Date: 23 FEB 2019 20:31:27

Highest Channel / 1RB



Date: 23 FEB 2019 20:35:28

Highest Channel / Full RB



Date: 23 FEB 2019 20:33:41



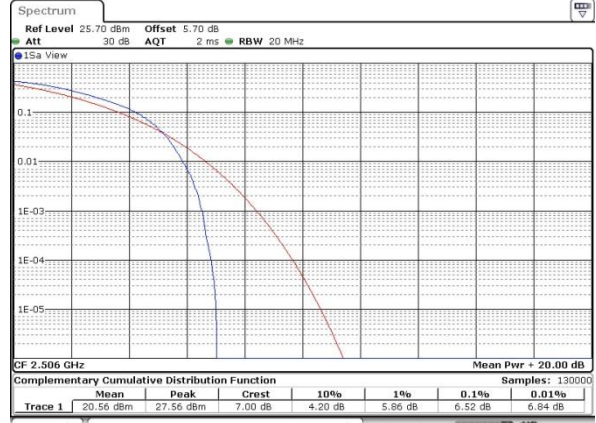
LTE Band 41 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 23 FEB 2019 20:36:59

Lowest Channel / Full RB



Date: 23 FEB 2019 20:30:00

Middle Channel / 1RB



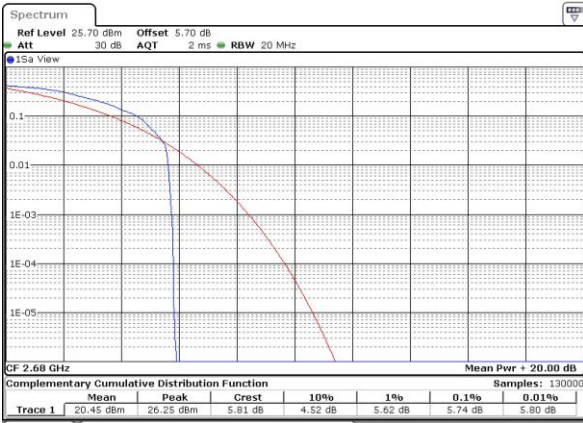
Date: 23 FEB 2019 20:36:44

Middle Channel / Full RB



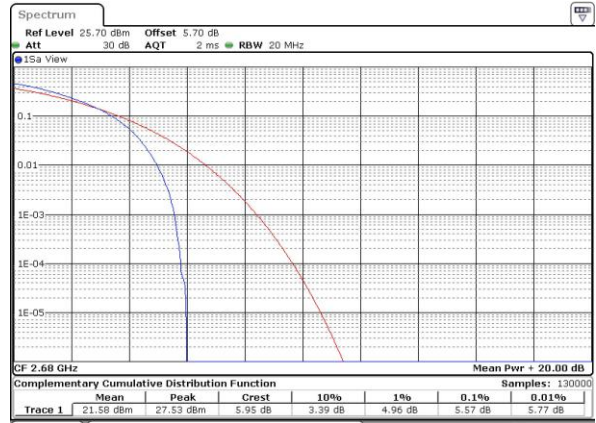
Date: 23 FEB 2019 20:32:06

Highest Channel / 1RB



Date: 23 FEB 2019 20:35:15

Highest Channel / Full RB



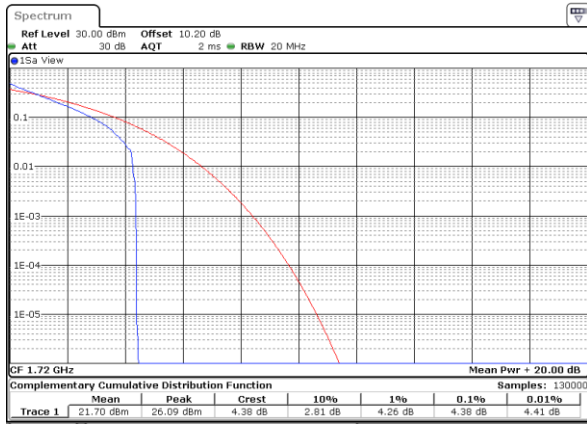
Date: 23 FEB 2019 20:34:29





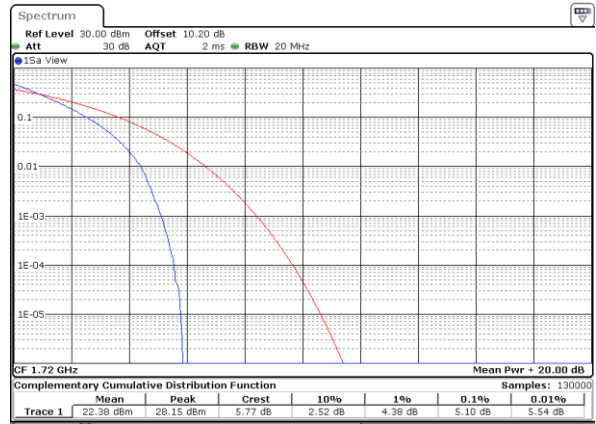
LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



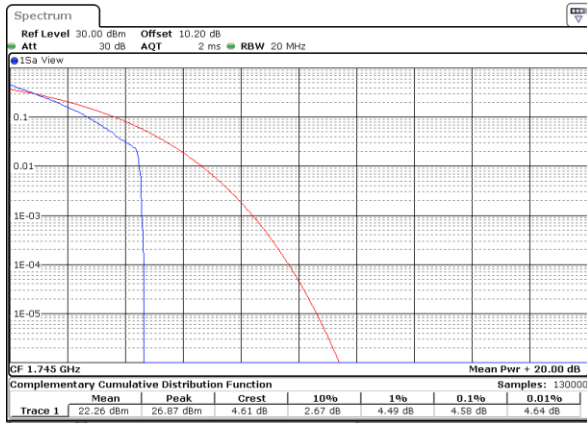
Date: 26 FEB 2019 18:21:35

Lowest Channel / Full RB



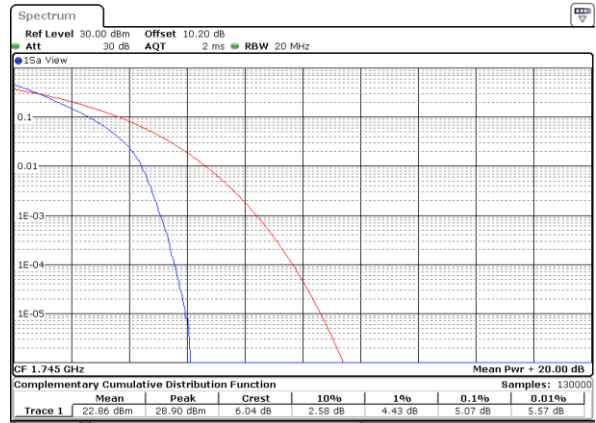
Date: 26 FEB 2019 17:03:59

Middle Channel / 1RB



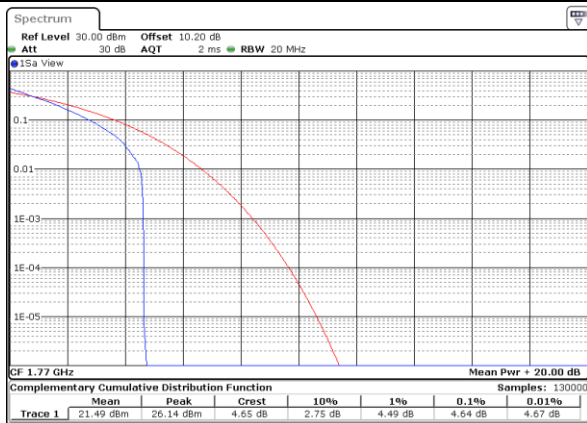
Date: 26 FEB 2019 18:24:05

Middle Channel / Full RB



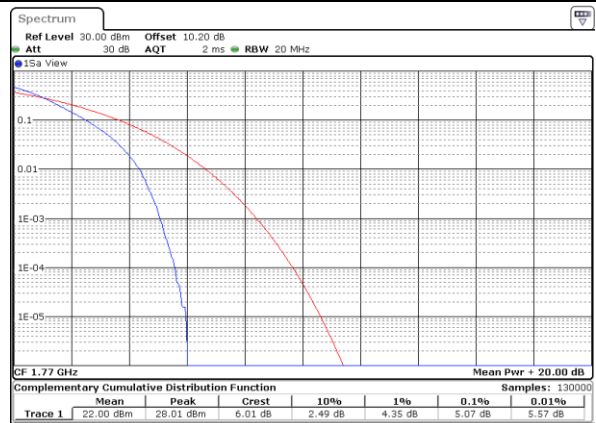
Date: 26 FEB 2019 17:02:31

Highest Channel / 1RB



Date: 26 FEB 2019 18:34:08

Highest Channel / Full RB



Date: 26 FEB 2019 18:30:50



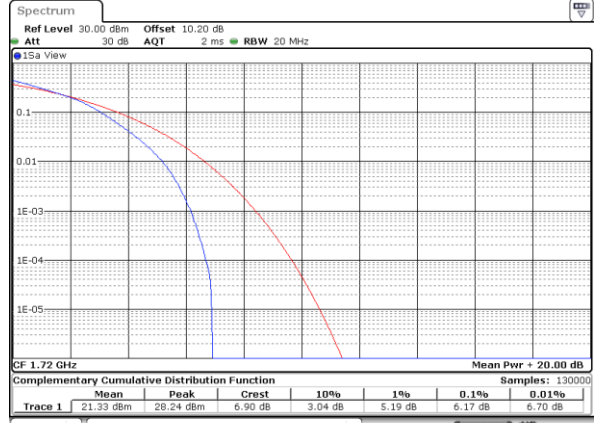
LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



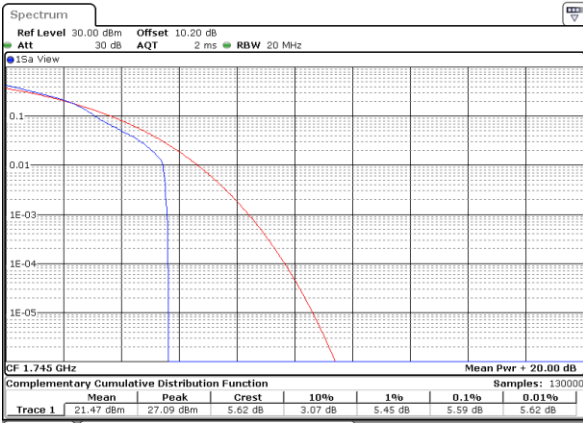
Date: 26 FEB 2019 18:20:03

Lowest Channel / Full RB



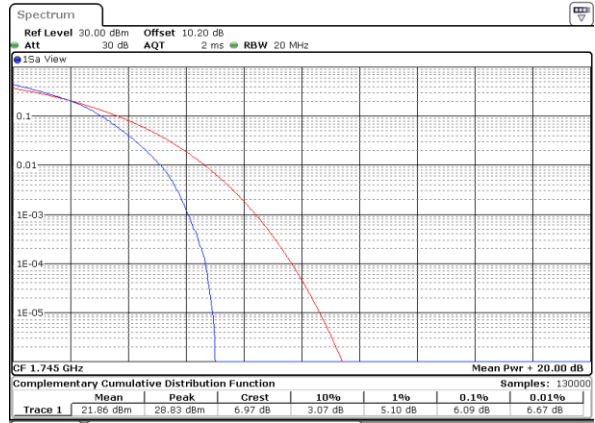
Date: 26 FEB 2019 17:04:51

Middle Channel / 1RB



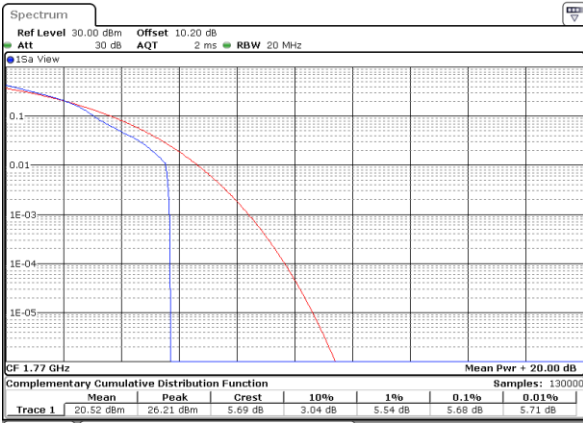
Date: 26 FEB 2019 17:01:28

Middle Channel / Full RB



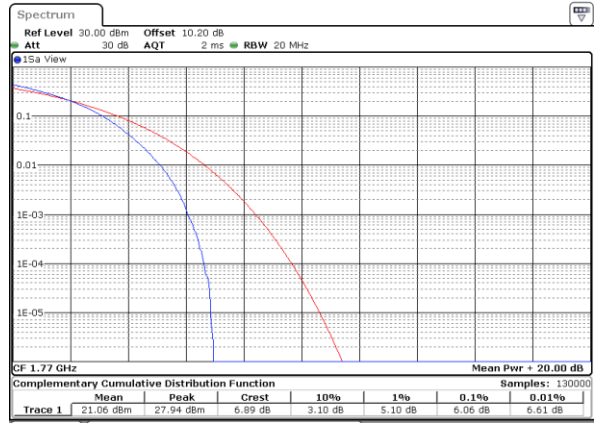
Date: 26 FEB 2019 17:02:52

Highest Channel / 1RB



Date: 26 FEB 2019 18:33:51

Highest Channel / Full RB

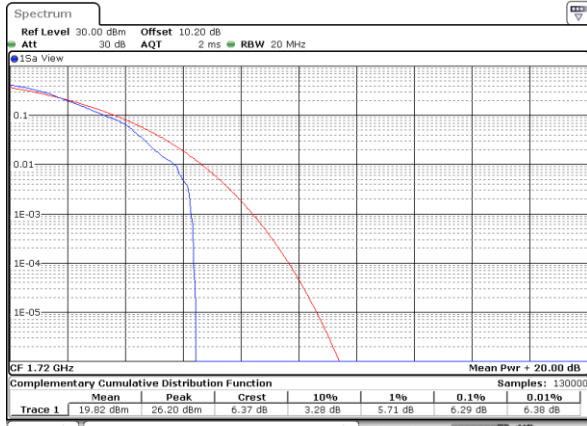


Date: 26 FEB 2019 18:31:29



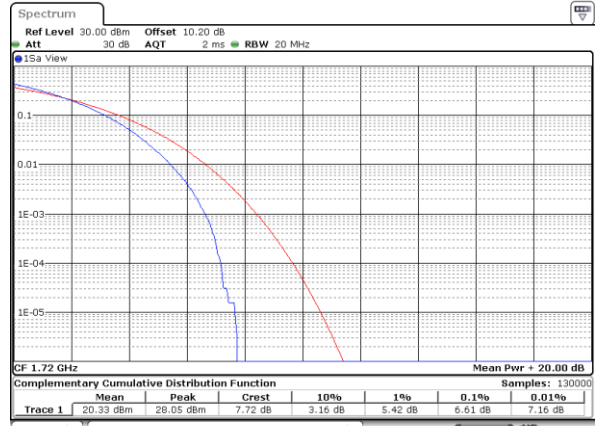
LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



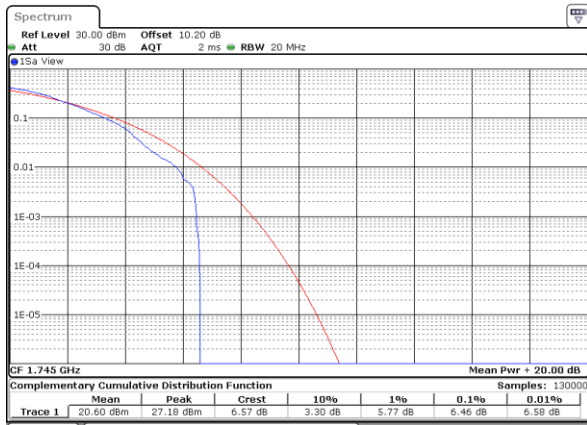
Date: 26 FEB 2019 18:19:49

Lowest Channel / Full RB



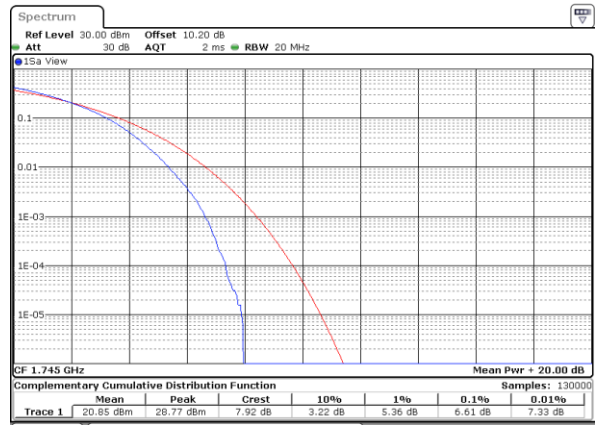
Date: 26 FEB 2019 18:18:50

Middle Channel / 1RB



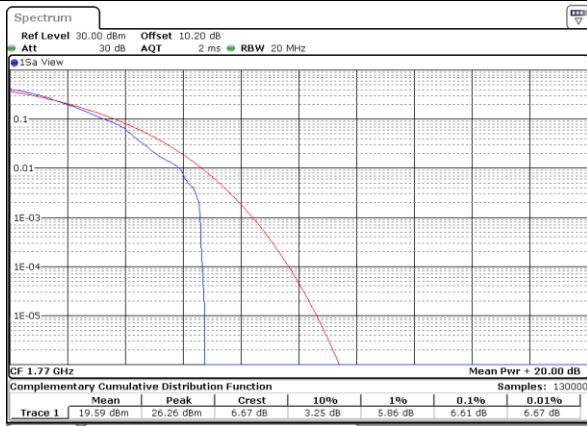
Date: 26 FEB 2019 17:00:24

Middle Channel / Full RB



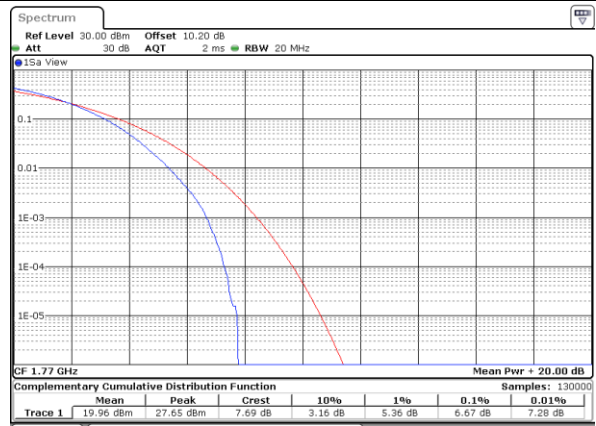
Date: 26 FEB 2019 17:03:22

Highest Channel / 1RB



Date: 26 FEB 2019 18:33:36

Highest Channel / Full RB



Date: 26 FEB 2019 18:32:25



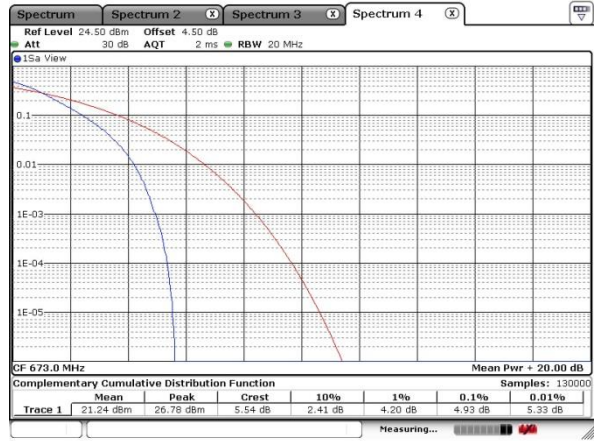
LTE Band 71 / 20MHz / QPSK

Lowest Channel / 1RB



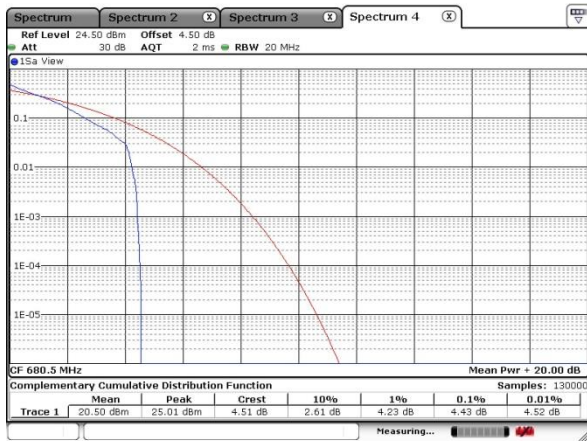
Date: 15.MAR.2019 21:48:13

Lowest Channel / Full RB



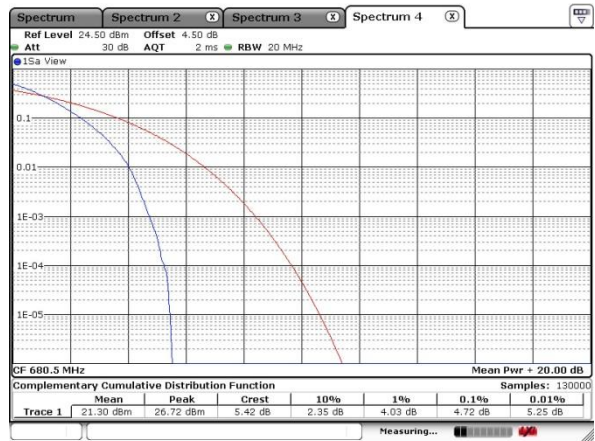
Date: 15.MAR.2019 21:52:09

Middle Channel / 1RB



Date: 15.MAR.2019 21:58:35

Middle Channel / Full RB



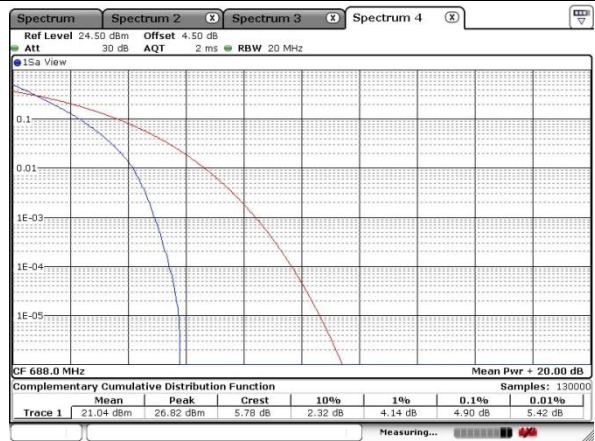
Date: 15.MAR.2019 21:52:37

Highest Channel / 1RB



Date: 15.MAR.2019 21:58:08

Highest Channel / Full RB



Date: 15.MAR.2019 22:01:17





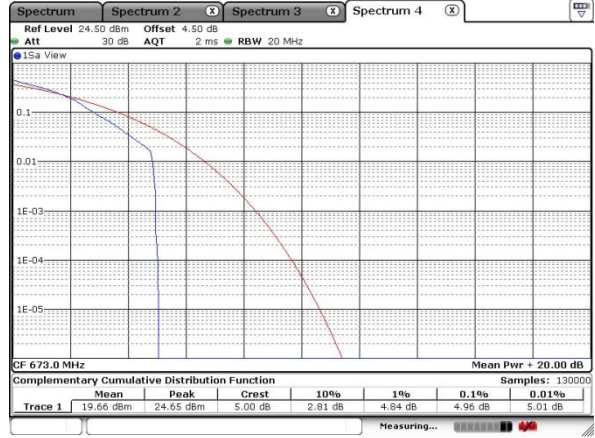
LTE Band 71 / 20MHz / 16QAM

Lowest Channel / 1RB



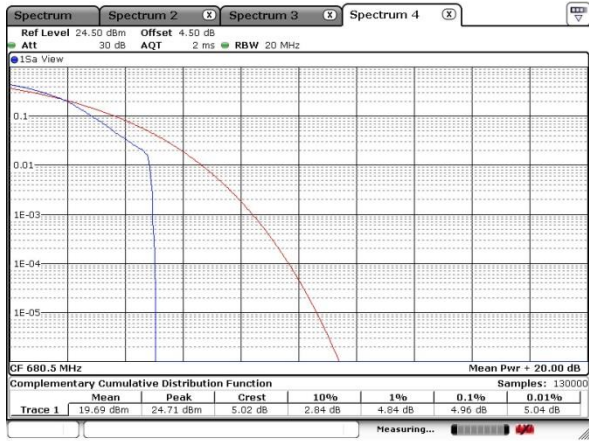
Date: 15.MAR.2019 21:48:43

Lowest Channel / Full RB



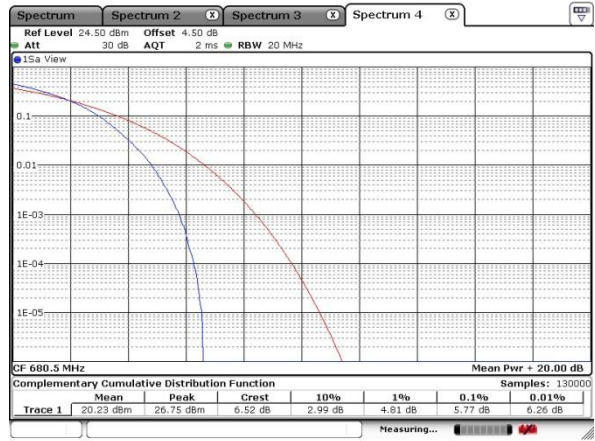
Date: 15.MAR.2019 21:48:43

Middle Channel / 1RB



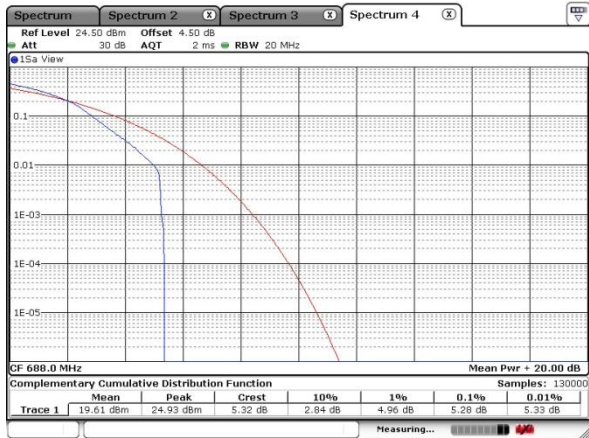
Date: 15.MAR.2019 21:55:34

Middle Channel / Full RB



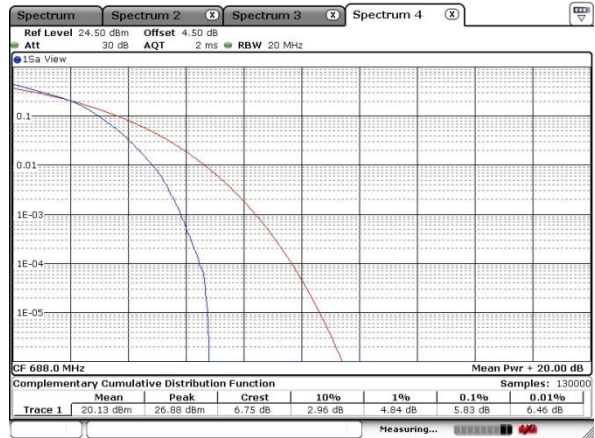
Date: 15.MAR.2019 21:53:52

Highest Channel / 1RB



Date: 15.MAR.2019 21:58:25

Highest Channel / Full RB



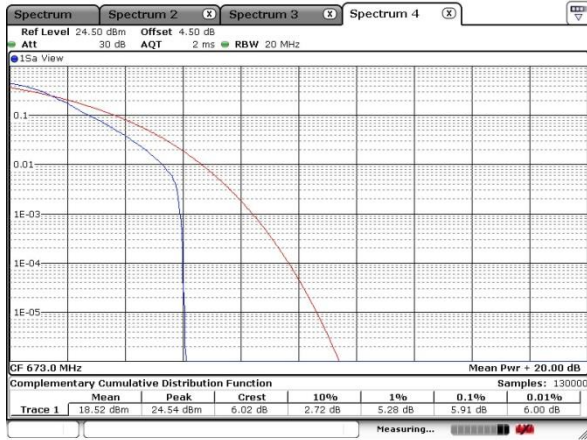
Date: 15.MAR.2019 22:01:03





LTE Band 71 / 20MHz / 64QAM

Lowest Channel / 1RB



Date: 15.MAR.2019 21:49:36

Lowest Channel / Full RB



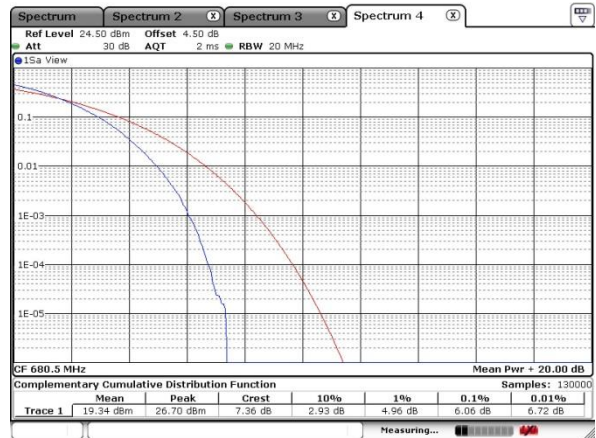
Date: 15.MAR.2019 21:50:48

Middle Channel / 1RB



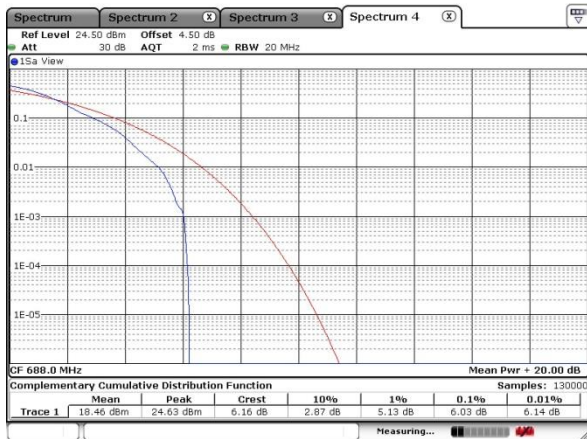
Date: 15.MAR.2019 21:55:05

Middle Channel / Full RB



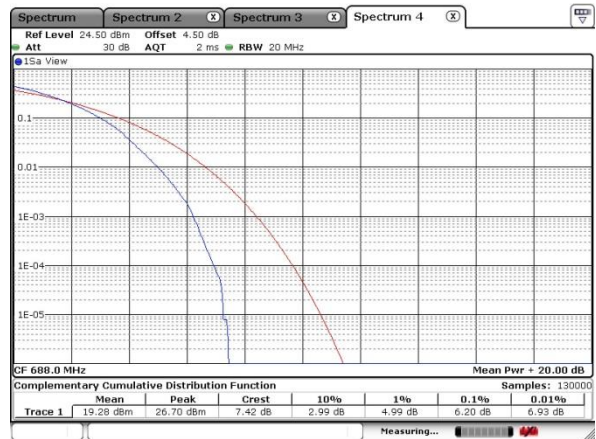
Date: 15.MAR.2019 21:56:08

Highest Channel / 1RB



Date: 15.MAR.2019 21:59:22

Highest Channel / Full RB



Date: 15.MAR.2019 21:59:42



**26dB Bandwidth**

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					4.835	4.865	9.85	9.85	14.296	14.146	20.14	20.10	
Middle CH					4.955	4.945	9.83	9.87	14.326	14.296	20.02	20.10	
Highest CH					4.945	4.845	9.89	9.81	14.476	14.356	20.22	20.18	

Mode		LTE Band 7 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz						
Mod.	64QAM		64QAM		64QAM		64QAM						
Lowest CH	4.815		9.73		14.176		20.22						
Middle CH	4.865		9.83		14.356		19.98						
Highest CH	4.945		9.81		14.296		20.10						

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	1.236	1.228	3.021	3.021	4.875	4.825	9.730	9.770					
Middle CH	1.245	1.222	2.997	3.015	4.955	4.905	9.770	9.890					
Highest CH	1.239	1.228	3.027	3.009	4.975	4.865	9.690	9.890					

Mode		LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz		
Mod.	64QAM		64QAM		64QAM		64QAM		64QAM		64QAM		
Lowest CH	1.225		3.039		4.875		9.830						
Middle CH	1.222		3.015		4.855		9.910						
Highest CH	1.217		3.015		4.855		9.850						

Mode		LTE Band 13 : 26dB BW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz							
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM							
Lowest CH	4.905	4.865			4.785								
Middle CH	4.895	4.885	9.83	9.83	4.885	9.71							
Highest CH	4.845	4.835			4.955								



LTE Band 25 : 26dB BW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	1.4MHz	1.4MHz	3MHz	3MHz	5MHz	5MHz	10MHz	10MHz	15MHz	15MHz	20MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.231	1.217	3.003	3.033	4.885	4.825	9.830	9.710	14.326	14.595	20.100	20.300
Middle CH	1.236	1.234	3.003	3.003	4.885	4.875	9.890	9.750	14.356	14.416	20.220	20.260
Highest CH	1.228	1.231	3.027	2.985	4.915	4.885	9.810	9.650	14.326	14.386	20.180	20.260

LTE Band 25 : 26dB BW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	1.4MHz	1.4MHz	3MHz	3MHz	5MHz	5MHz	10MHz	10MHz	15MHz	15MHz	20MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.217		2.949		4.875		9.730		14.446		20.180	
Middle CH	1.231		3.015		4.885		9.850		14.505		20.300	
Highest CH	1.211		2.985		4.865		9.770		14.386		20.180	

LTE Band 26 : 26dB BW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	1.4MHz	1.4MHz	3MHz	3MHz	5MHz	5MHz	10MHz	10MHz	15MHz	15MHz	20MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.220	1.228	3.021	2.973	4.865	4.915	9.830	9.750	14.386	14.535		
Middle CH	1.228	1.228	2.991	2.991	4.835	4.845	9.710	9.810	14.416	14.296		
Highest CH	1.231	1.231	3.039	3.039	4.915	4.915	9.670	9.670	14.356	14.505		

LTE Band 26 : 26dB BW(MHz)												
Mode	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
BW	1.4MHz	1.4MHz	3MHz	3MHz	5MHz	5MHz	10MHz	10MHz	15MHz	15MHz	20MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.220		3.015		4.985		9.790		14.476			
Middle CH	1.236		3.075		4.835		9.930		14.386			
Highest CH	1.217		3.021		4.965		9.830		14.296			

LTE Band 41 : 26dB BW(MHz)												
Mode	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
BW	5MHz	5MHz	10MHz	10MHz	15MHz	15MHz	20MHz	20MHz	5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.845	4.915	9.75	9.67	14.146	14.326	20.14	19.94	4.855	9.71	14.236	20.18
Middle CH	4.945	4.915	9.63	9.71	14.476	14.146	20.22	20.18	4.895	9.71	14.386	20.26
Highest CH	4.905	4.765	9.67	9.71	14.146	14.266	20.1	20.1	5.075	9.65	14.326	20.1



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	1.228	3.015	3.045	4.935	4.875	9.79	9.65	14.505	14.326	20.18	20.3
Middle CH	1.239	1.222	3.045	3.009	4.925	4.955	9.67	9.81	14.476	14.326	20.14	20.1
Highest CH	1.225	1.222	3.027	3.045	4.985	4.935	9.73	9.83	14.446	14.386	20.02	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	1.208		3.045		4.855		9.79		14.595		20.1	
Middle CH	1.236		3.039		4.915		9.71		14.356		20.14	
Highest CH	1.219		3.045		4.835		9.73		14.356		20.18	

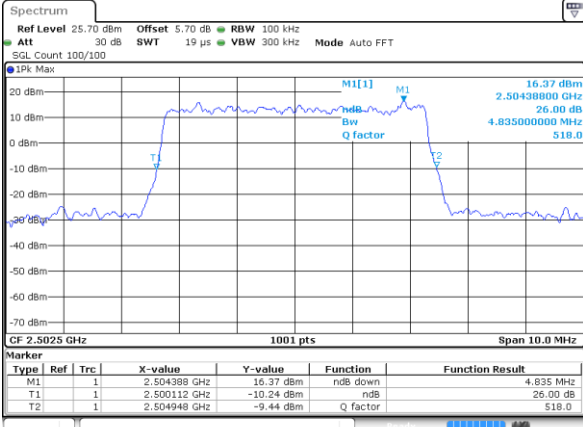
Mode	LTE Band 71 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.92	4.906	9.696	9.928	14.24	14.631	20.145	20.145	4.906	9.841	14.457	20.203
Middle CH	4.877	4.891	9.696	9.667	14.457	14.24	20.145	20.145	4.978	9.812	14.414	20.087
Highest CH	4.935	4.906	9.783	9.783	14.414	14.457	20.26	20.203	4.92	9.725	14.284	20.376





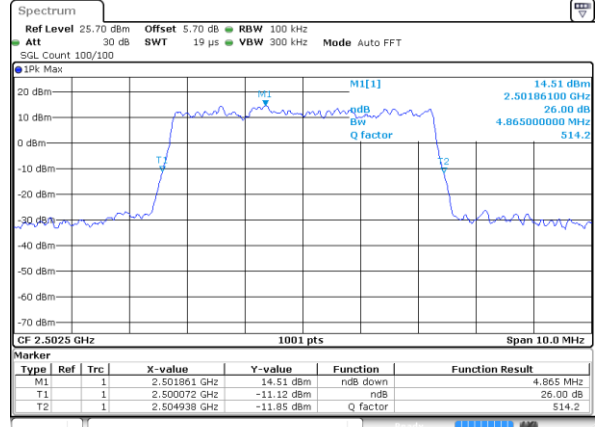
LTE Band 7

Lowest Channel / 5MHz / QPSK



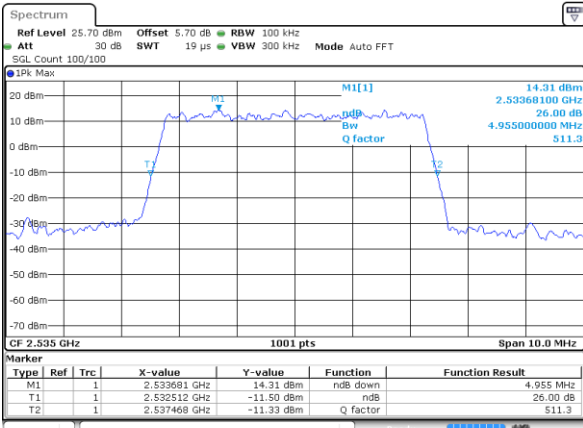
Date: 16 FEB 2019 13:03:16

Lowest Channel / 5MHz / 16QAM



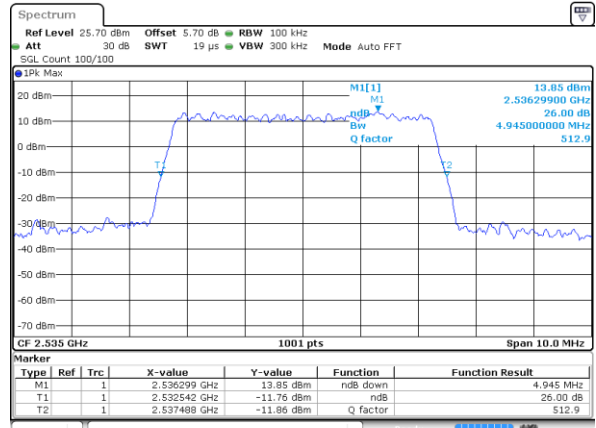
Date: 16 FEB 2019 13:03:37

Middle Channel / 5MHz / QPSK



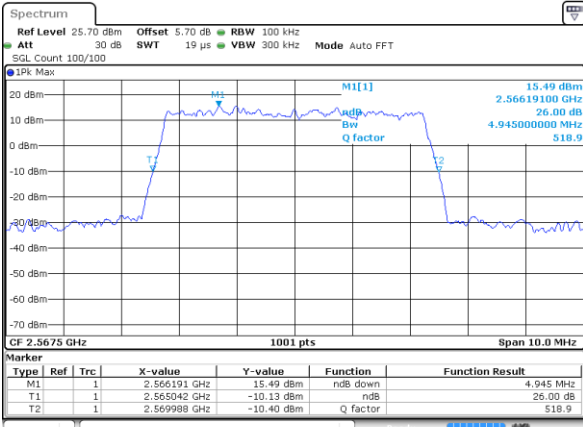
Date: 16 FEB 2019 13:04:20

Middle Channel / 5MHz / 16QAM



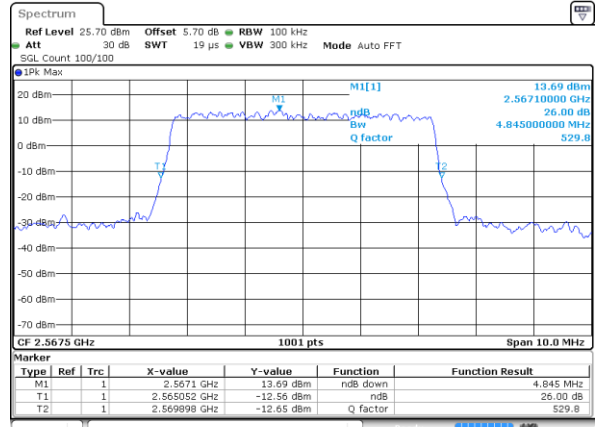
Date: 16 FEB 2019 13:03:59

Highest Channel / 5MHz / QPSK



Date: 16 FEB 2019 13:04:42

Highest Channel / 5MHz / 16QAM

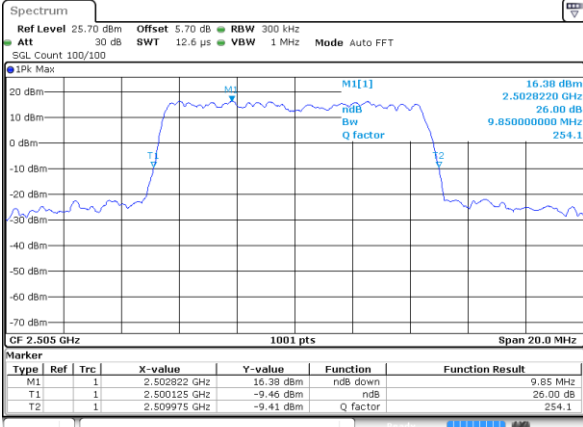


Date: 16 FEB 2019 13:05:03



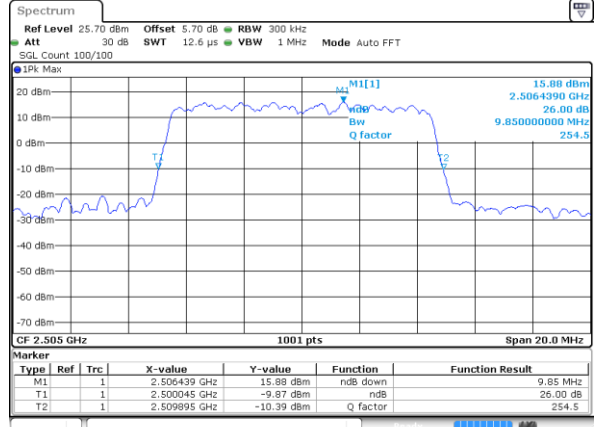
LTE Band 7

Lowest Channel / 10MHz / QPSK



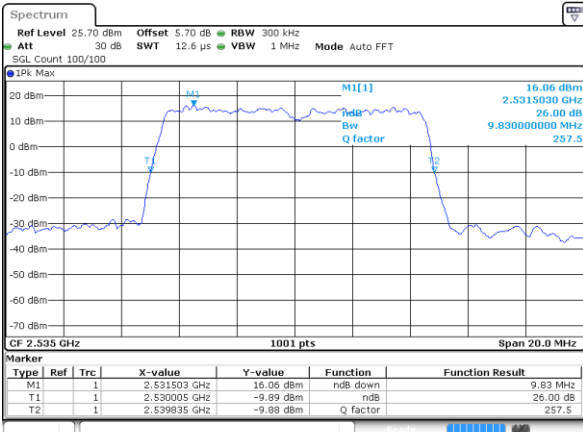
Date: 16 FEB 2019 13:10:52

Lowest Channel / 10MHz / 16QAM



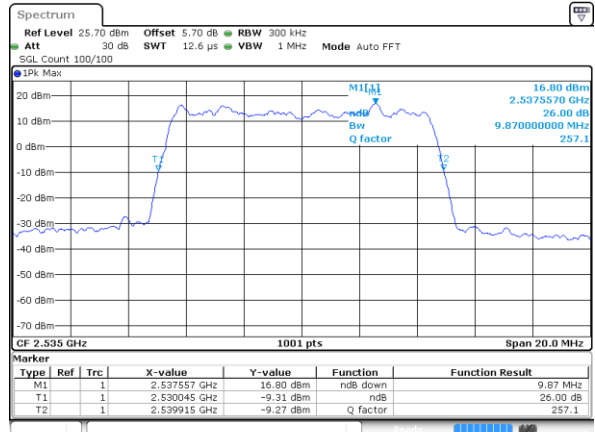
Date: 16 FEB 2019 13:11:13

Middle Channel / 10MHz / QPSK



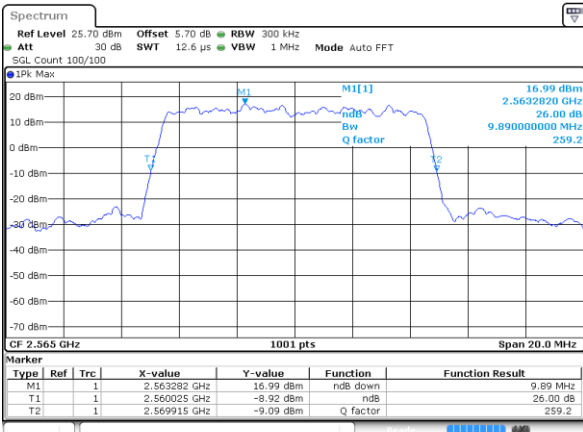
Date: 16 FEB 2019 13:11:56

Middle Channel / 10MHz / 16QAM



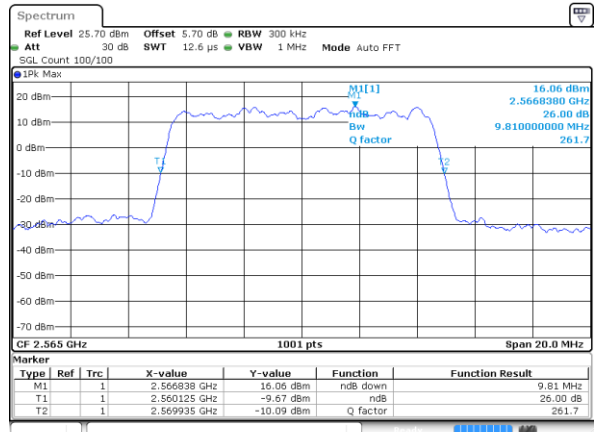
Date: 16 FEB 2019 13:11:35

Highest Channel / 10MHz / QPSK



Date: 16 FEB 2019 13:12:17

Highest Channel / 10MHz / 16QAM

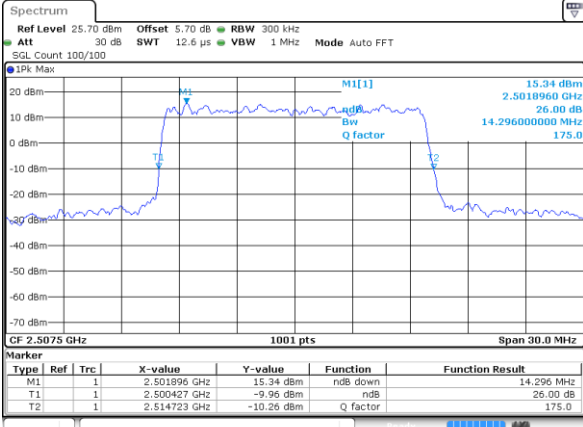


Date: 16 FEB 2019 13:12:39



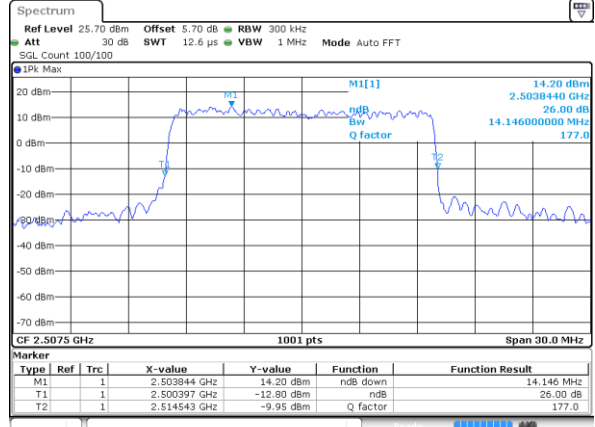
LTE Band 7

Lowest Channel / 15MHz / QPSK



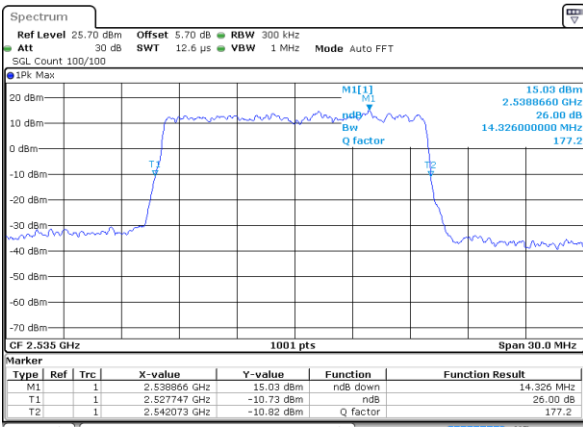
Date: 16 FEB 2019 13:18:48

Lowest Channel / 15MHz / 16QAM



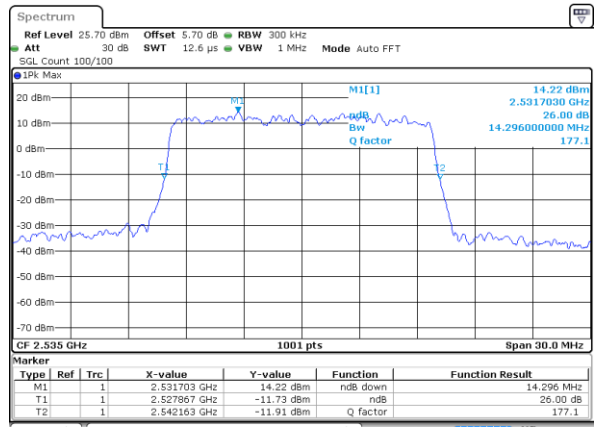
Date: 16 FEB 2019 13:18:27

Middle Channel / 15MHz / QPSK



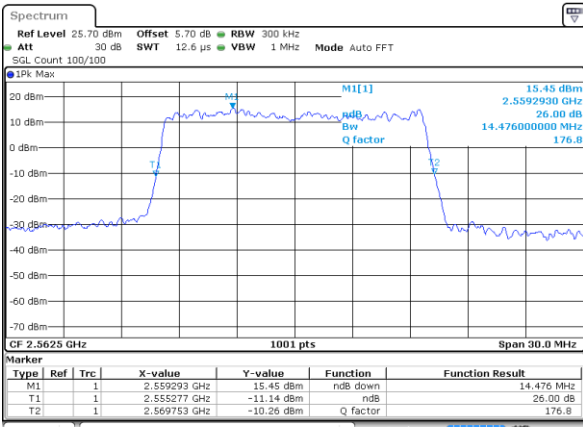
Date: 16 FEB 2019 13:19:09

Middle Channel / 15MHz / 16QAM



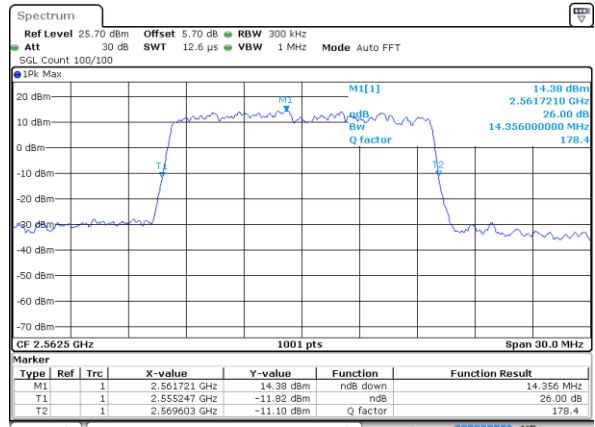
Date: 16 FEB 2019 13:19:30

Highest Channel / 15MHz / QPSK



Date: 16 FEB 2019 13:20:13

Highest Channel / 15MHz / 16QAM

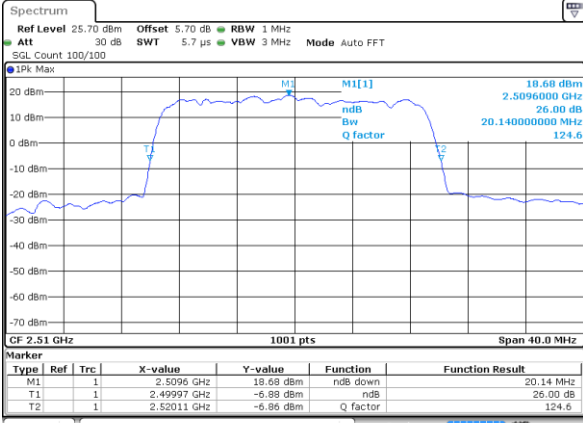


Date: 16 FEB 2019 13:19:52



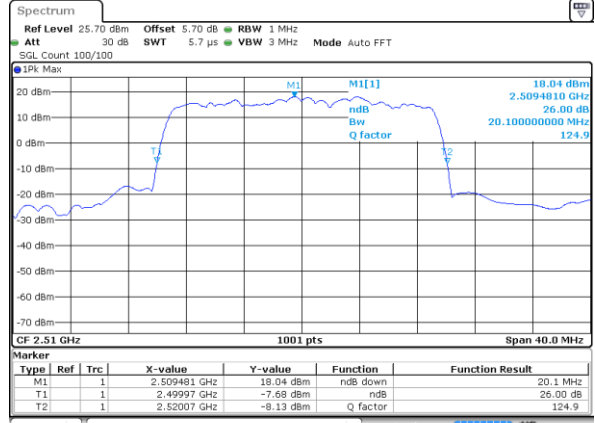
LTE Band 7

Lowest Channel / 20MHz / QPSK



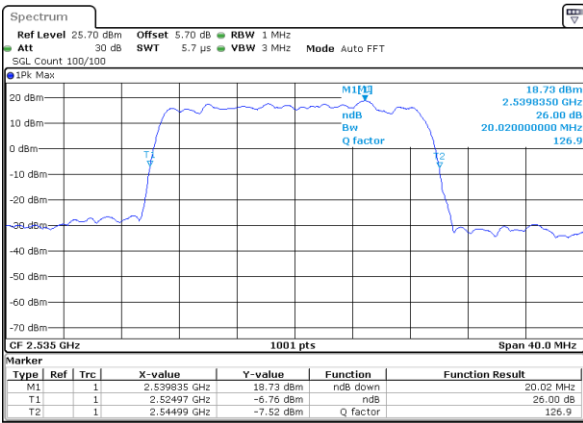
Date: 16 FEB 2019 13:27:31

Lowest Channel / 20MHz / 16QAM



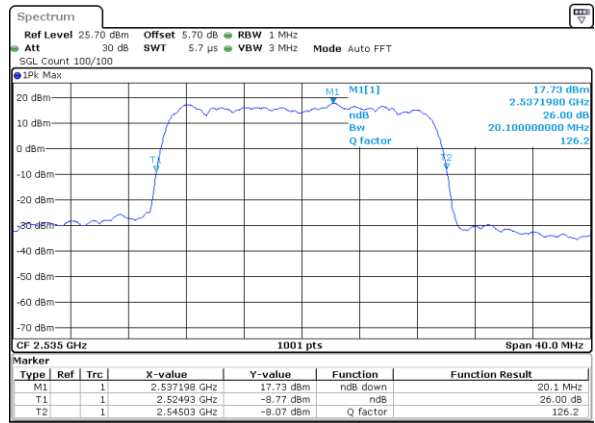
Date: 16 FEB 2019 13:27:10

Middle Channel / 20MHz / QPSK



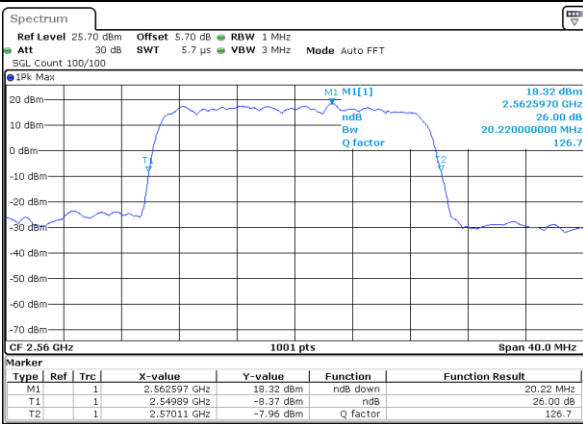
Date: 16 FEB 2019 13:27:52

Middle Channel / 20MHz / 16QAM



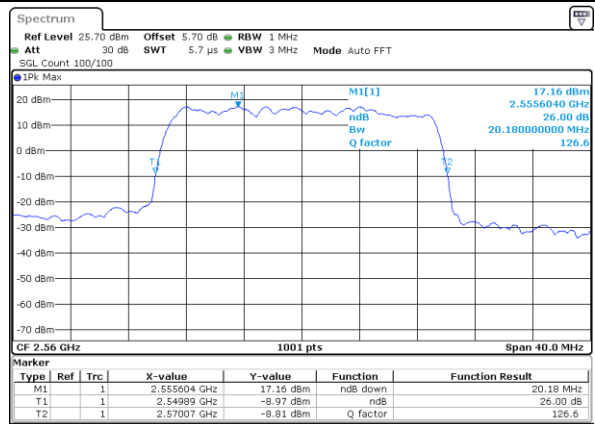
Date: 16 FEB 2019 13:28:13

Highest Channel / 20MHz / QPSK



Date: 16 FEB 2019 13:28:56

Highest Channel / 20MHz / 16QAM



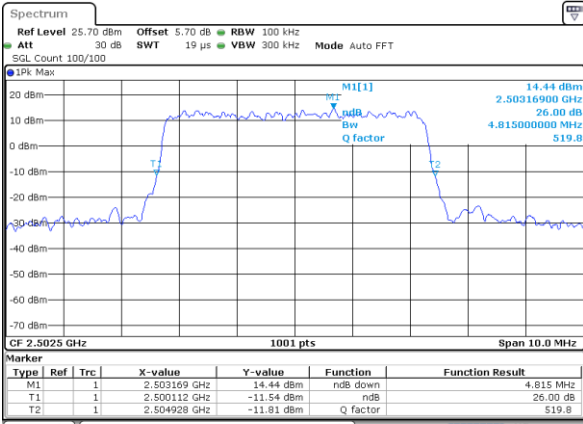
Date: 16 FEB 2019 13:28:35





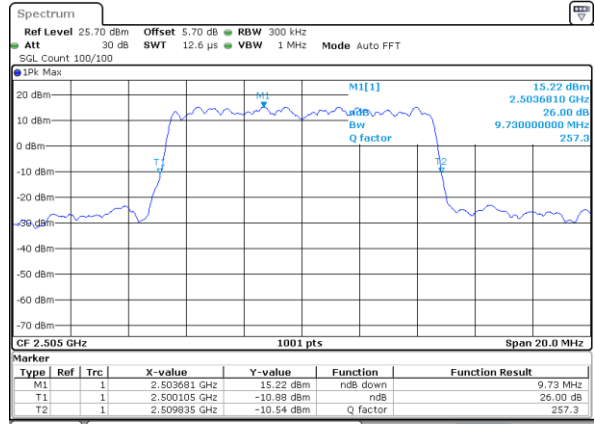
LTE Band 7

Lowest Channel / 5MHz / 64QAM



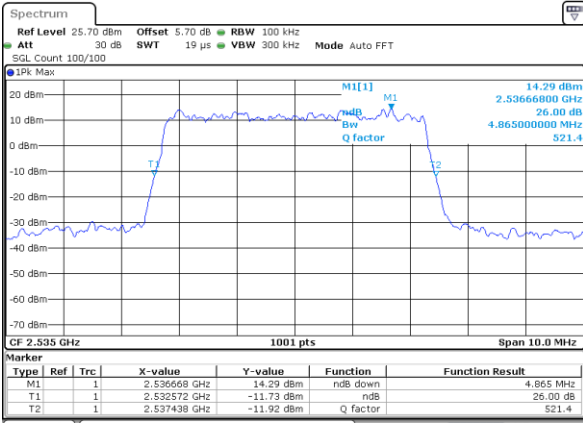
Date: 16 FEB 2019 13:35:06

Lowest Channel / 10MHz / 64QAM



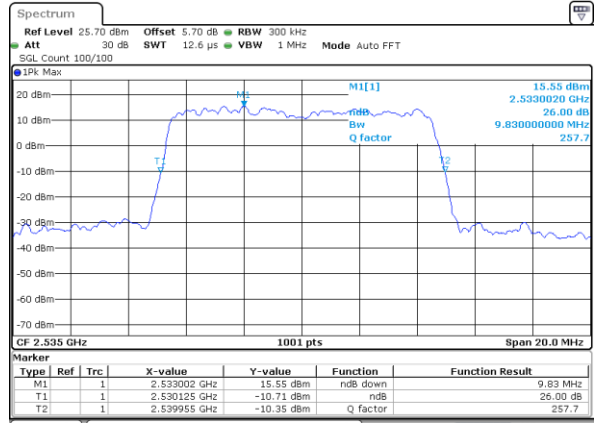
Date: 16 FEB 2019 13:38:54

Middle Channel / 5MHz / 64QAM



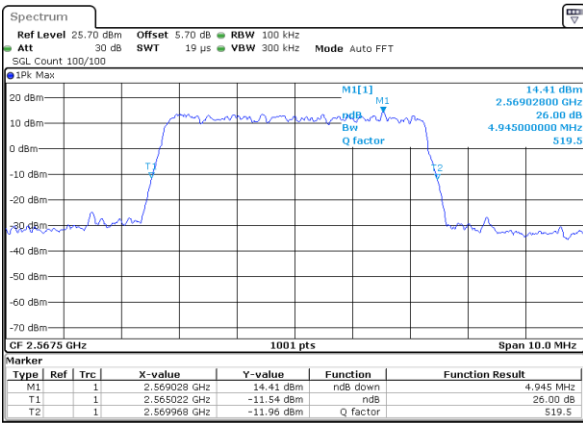
Date: 16 FEB 2019 13:35:17

Middle Channel / 10MHz / 64QAM



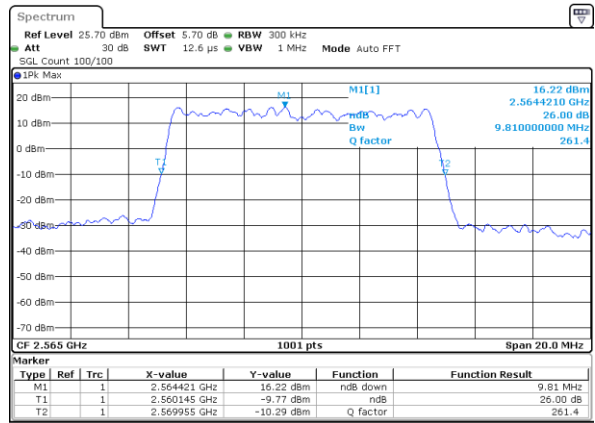
Date: 16 FEB 2019 13:39:04

Highest Channel / 5MHz / 64QAM



Date: 16 FEB 2019 13:35:27

Highest Channel / 10MHz / 64QAM

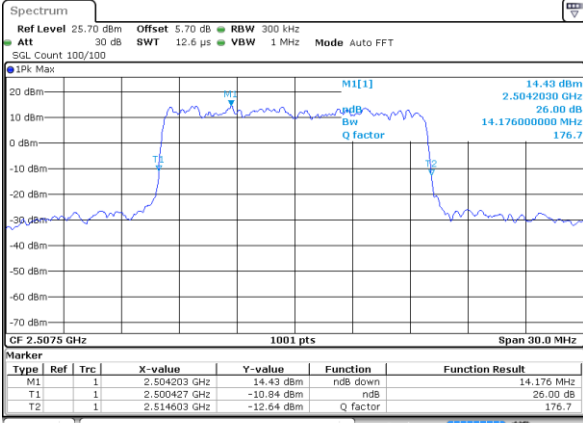


Date: 16 FEB 2019 13:39:15



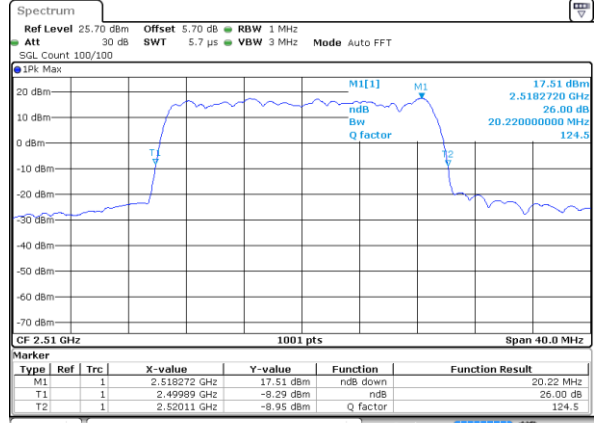
LTE Band 7

Lowest Channel / 15MHz / 64QAM



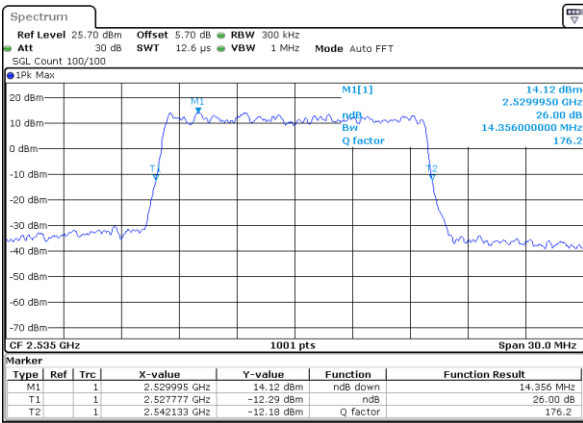
Date: 16 FEB 2019 13:42:42

Lowest Channel / 20MHz / 64QAM



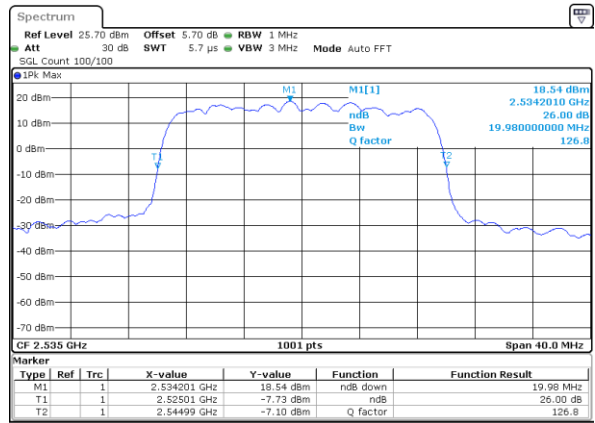
Date: 16 FEB 2019 13:46:29

Middle Channel / 15MHz / 64QAM



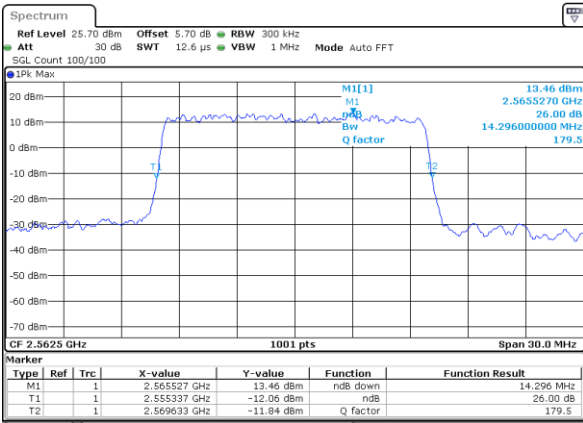
Date: 16 FEB 2019 13:42:52

Middle Channel / 20MHz / 64QAM



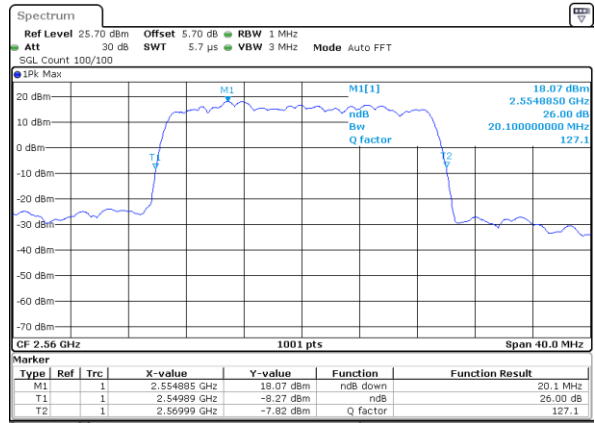
Date: 16 FEB 2019 13:46:40

Highest Channel / 15MHz / 64QAM



Date: 16 FEB 2019 13:43:03

Highest Channel / 20MHz / 64QAM

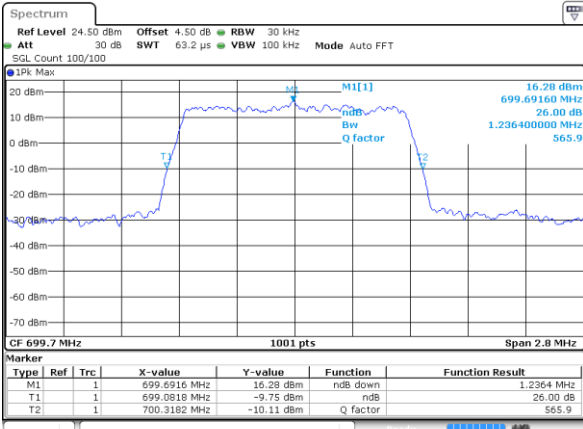


Date: 16 FEB 2019 13:46:50



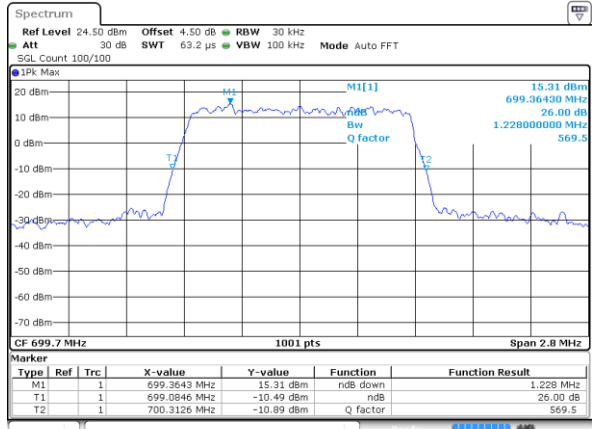
LTE Band 12

Lowest Channel / 1.4MHz / QPSK



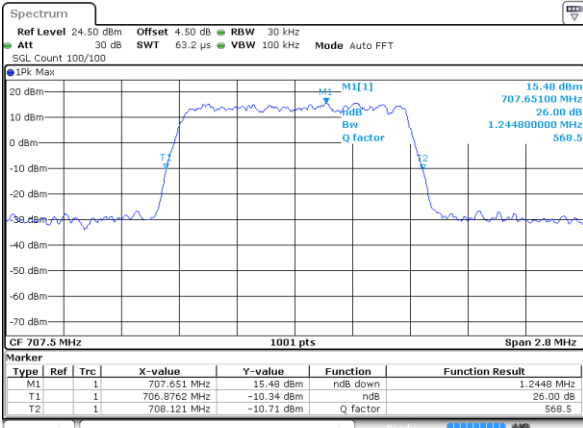
Date: 16 FEB 2019 14:54:03

Lowest Channel / 1.4MHz / 16QAM



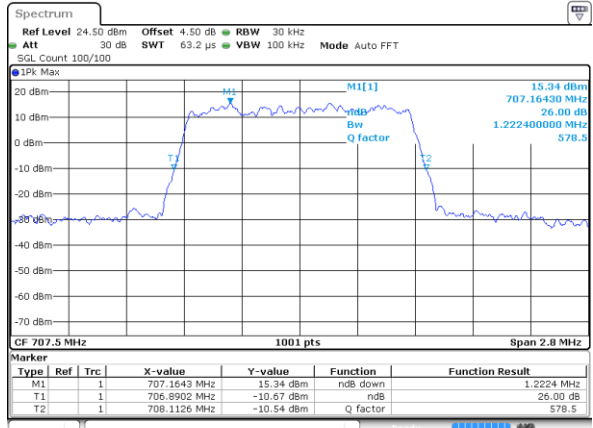
Date: 16 FEB 2019 14:53:52

Middle Channel / 1.4MHz / QPSK



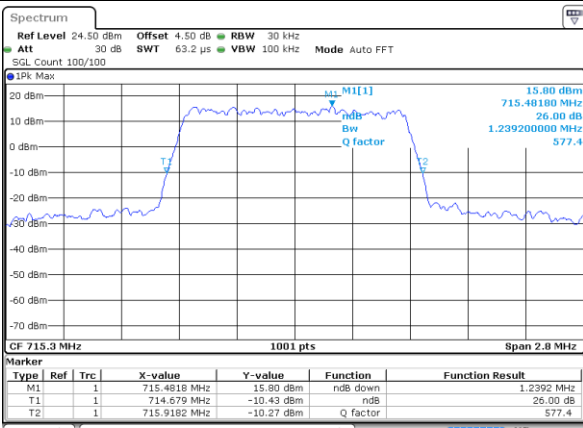
Date: 16 FEB 2019 14:53:25

Middle Channel / 1.4MHz / 16QAM



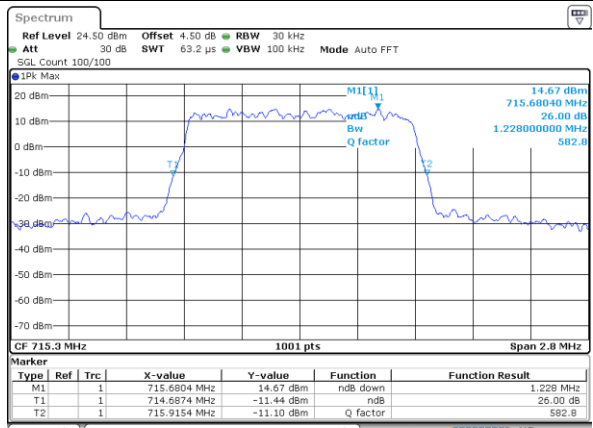
Date: 16 FEB 2019 14:53:39

Highest Channel / 1.4MHz / QPSK



Date: 16 FEB 2019 14:53:09

Highest Channel / 1.4MHz / 16QAM

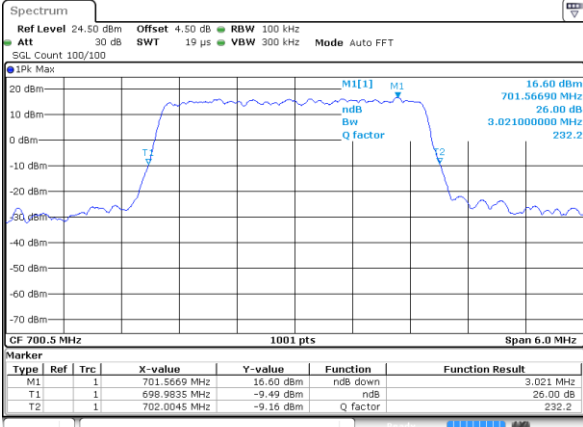


Date: 16 FEB 2019 14:52:58



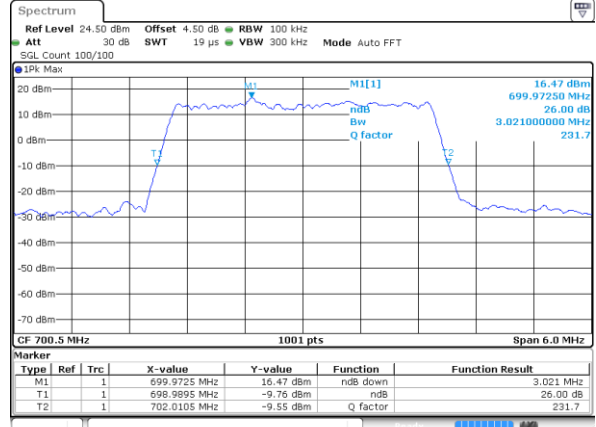
LTE Band 12

Lowest Channel / 3MHz / QPSK



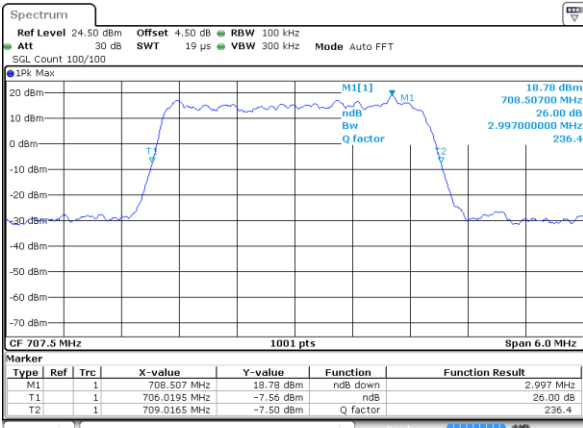
Date: 16 FEB 2019 15:01:48

Lowest Channel / 3MHz / 16QAM



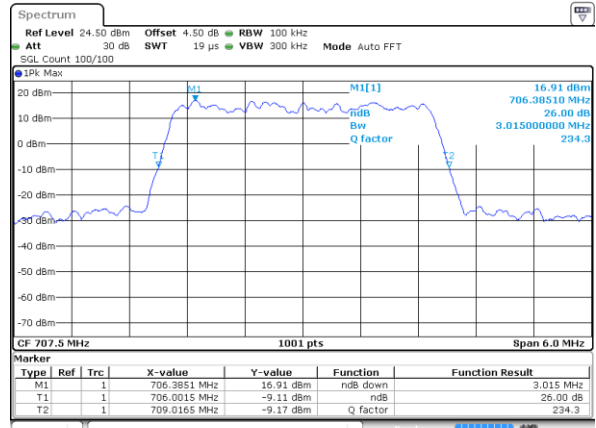
Date: 16 FEB 2019 15:01:37

Middle Channel / 3MHz / QPSK



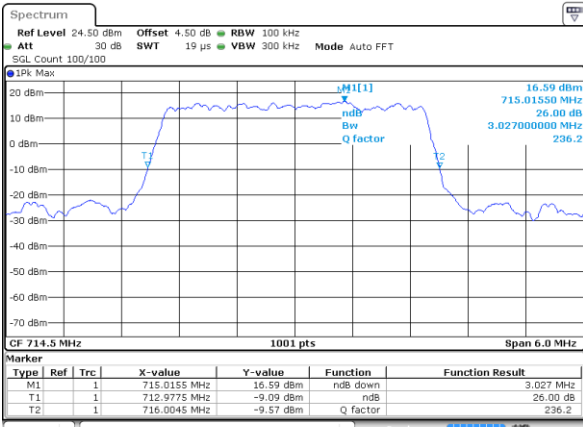
Date: 16 FEB 2019 15:01:16

Middle Channel / 3MHz / 16QAM



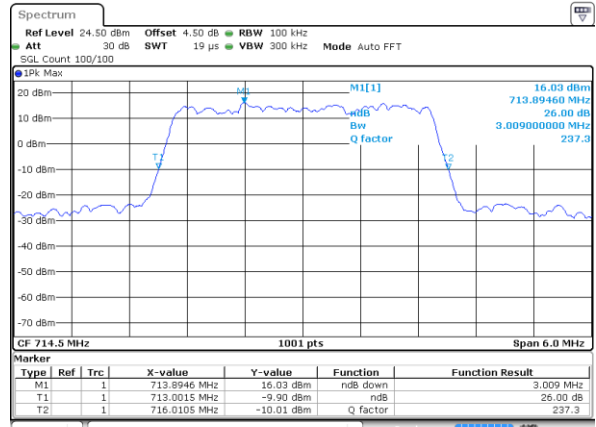
Date: 16 FEB 2019 15:01:27

Highest Channel / 3MHz / QPSK



Date: 16 FEB 2019 15:01:05

Highest Channel / 3MHz / 16QAM



Date: 16 FEB 2019 15:00:54