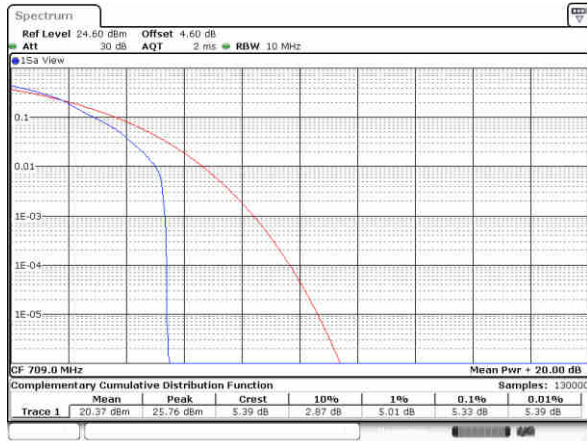




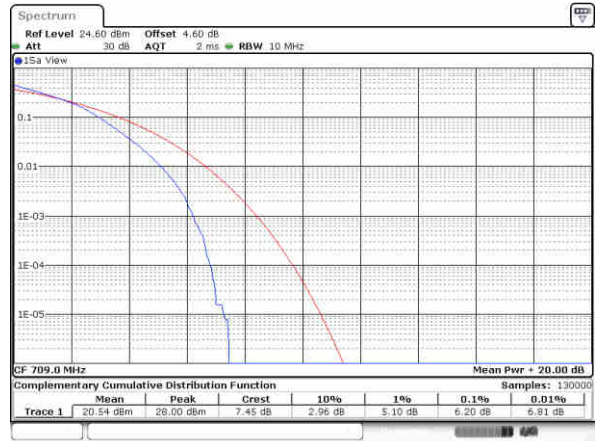
LTE Band 17 / 10MHz / 16QAM

Lowest Channel / 1RB



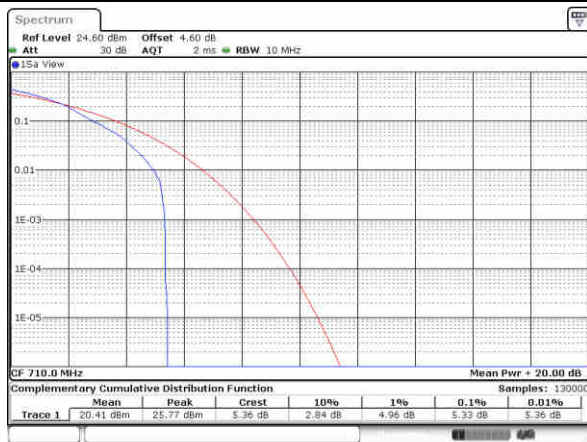
Date: 27 JUN 2017 11:20:06

Lowest Channel / Full RB



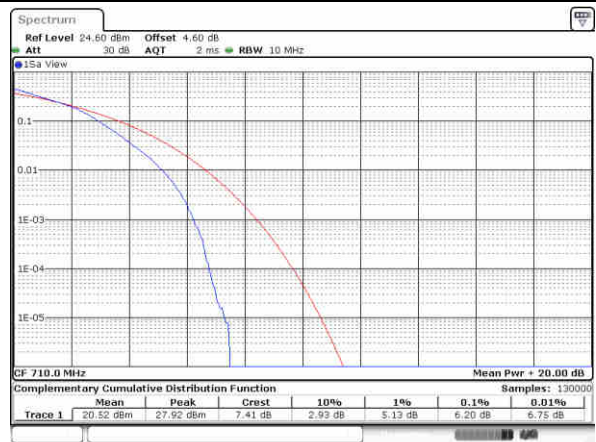
Date: 27 JUN 2017 11:20:17

Middle Channel/ 1RB



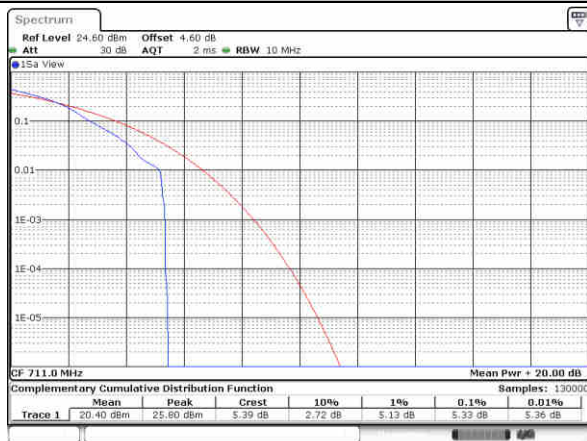
Date: 27 JUN 2017 11:20:29

Middle Channel / Full RB



Date: 27 JUN 2017 11:20:39

Highest Channel/ 1RB



Date: 27 JUN 2017 11:20:50

Highest Channel / Full RB



Date: 27 JUN 2017 11:21:01



LTE Band 17 / 10MHz / 64QAM

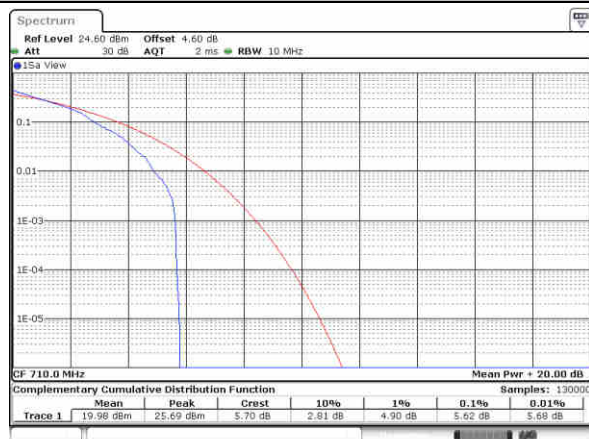
Lowest Channel / 1RB



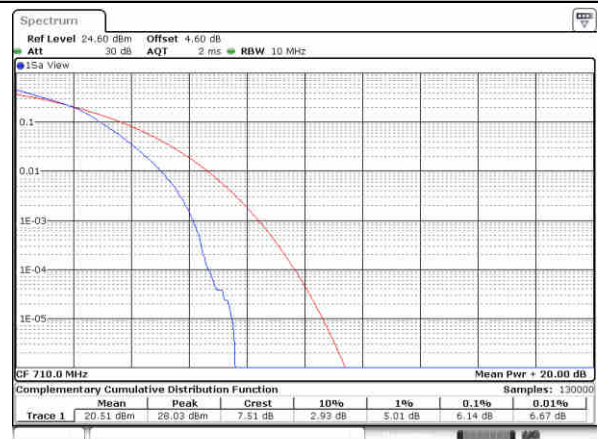
Lowest Channel / Full RB



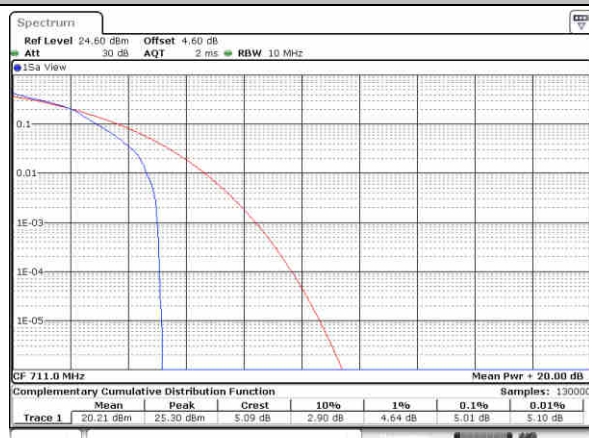
Middle Channel / 1RB



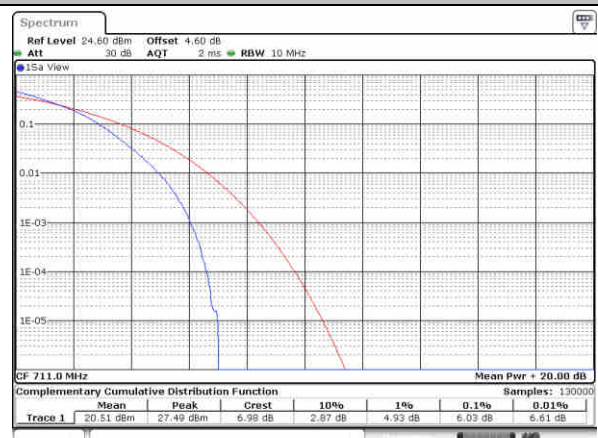
Middle Channel / Full RB

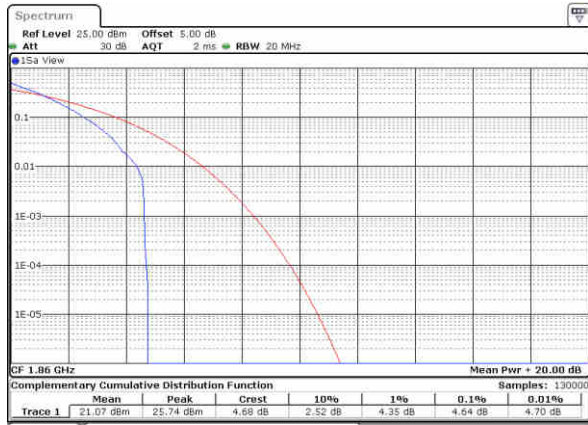


Highest Channel / 1RB



Highest Channel / Full RB

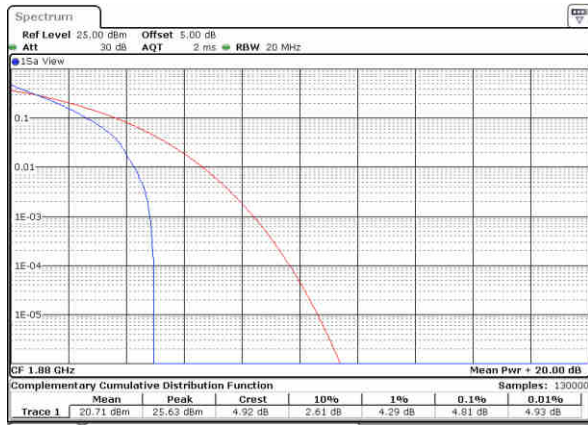


LTE Band 25 / 20MHz / QPSK
Lowest Channel / 1RB


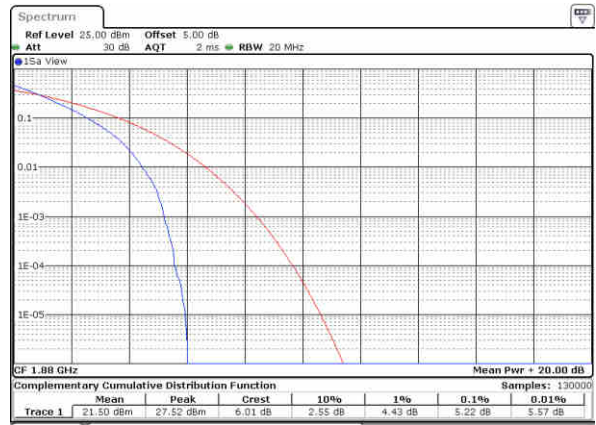
Date: 29 JUN 2017 15:42:12

Lowest Channel / Full RB


Date: 29 JUN 2017 15:44:06

Middle Channel / 1RB


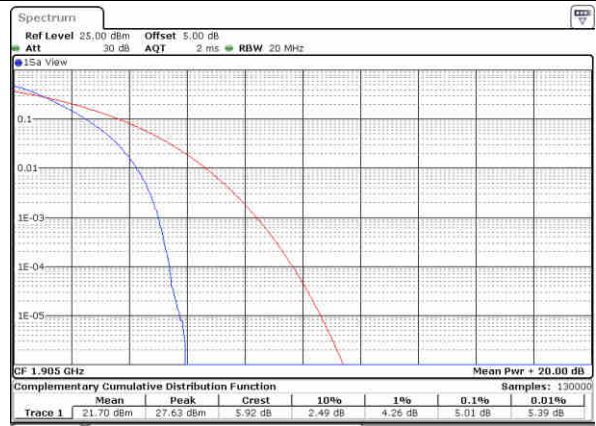
Date: 29 JUN 2017 15:46:22

Middle Channel / Full RB


Date: 29 JUN 2017 15:44:39

Highest Channel / 1RB


Date: 29 JUN 2017 15:47:33

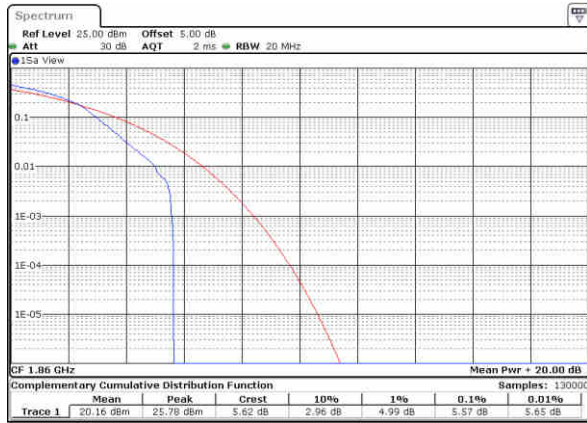
Highest Channel / Full RB


Date: 29 JUN 2017 15:49:32



LTE Band 25 / 20MHz / 16QAM

Lowest Channel / 1RB



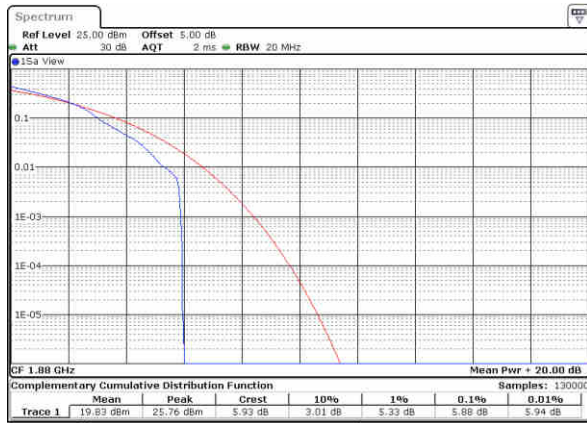
Date: 29 JUN 2017 15:42:31

Lowest Channel / Full RB



Date: 29 JUN 2017 15:43:51

Middle Channel / 1RB



Date: 29 JUN 2017 15:48:09

Middle Channel / Full RB



Date: 29 JUN 2017 15:45:04

Highest Channel / 1RB



Date: 29 JUN 2017 15:47:50

Highest Channel / Full RB

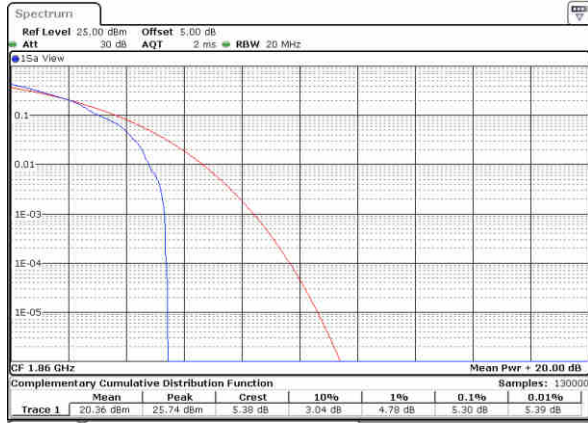


Date: 29 JUN 2017 15:49:06



LTE Band 25 / 20MHz / 64QAM

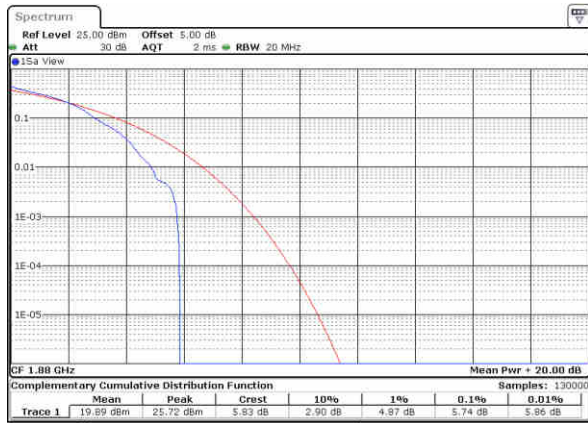
Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB

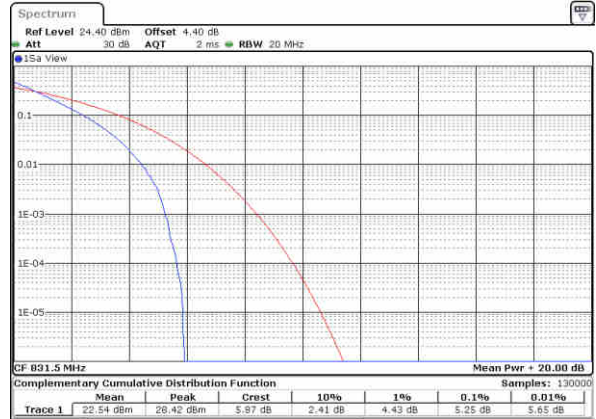


Highest Channel / Full RB

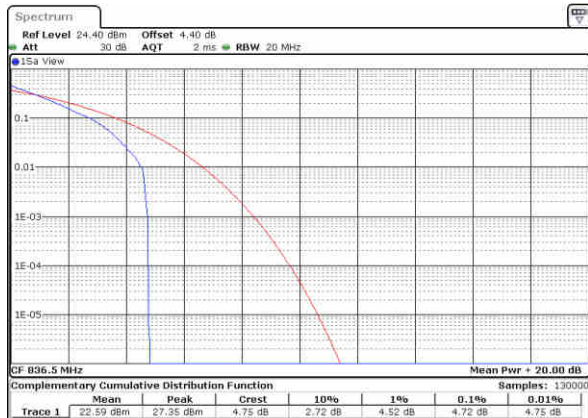


LTE Band 26 / 15MHz / QPSK
Lowest Channel / 1RB


Date: 28 JUN 2017 00:09:58

Lowest Channel / Full RB


Date: 28 JUN 2017 00:10:49

Middle Channel / 1RB


Date: 28 JUN 2017 00:12:12

Middle Channel / Full RB

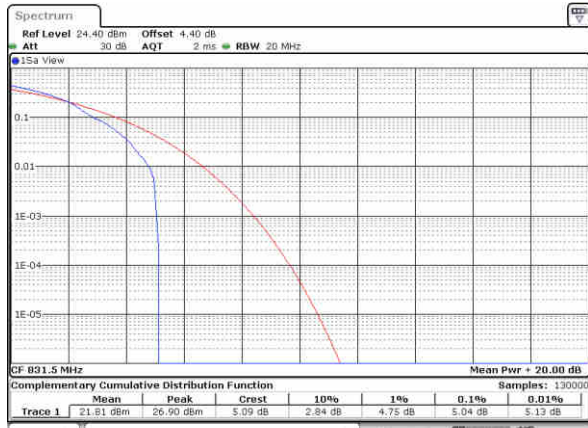

Date: 28 JUN 2017 00:13:06

Highest Channel / 1RB

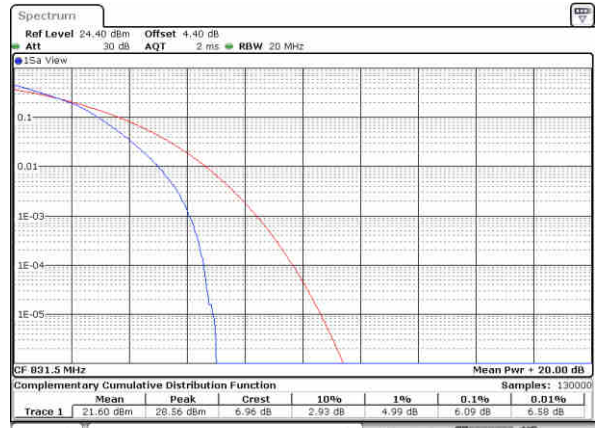

Date: 28 JUN 2017 00:14:00

Highest Channel / Full RB

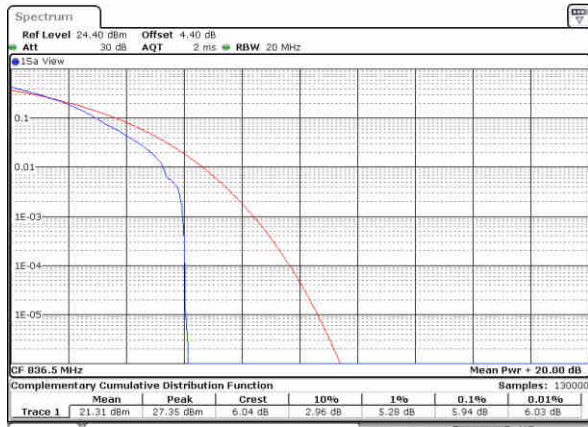

Date: 28 JUN 2017 00:14:48

LTE Band 26 / 15MHz / 16QAM
Lowest Channel / 1RB


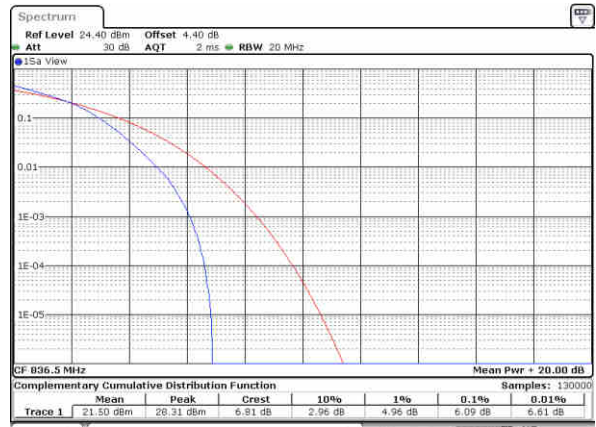
Date: 28 JUN 2017 00:10:11

Lowest Channel / Full RB


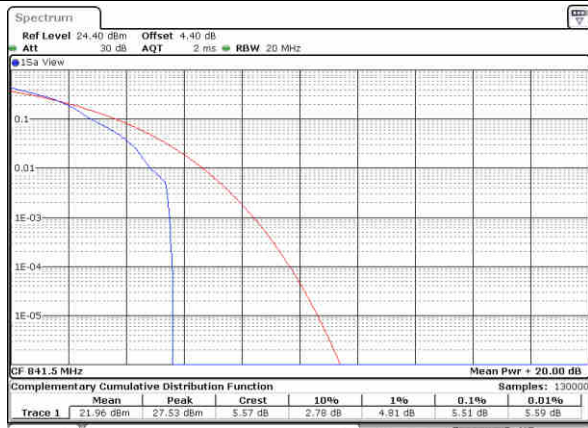
Date: 28 JUN 2017 00:11:09

Middle Channel / 1RB


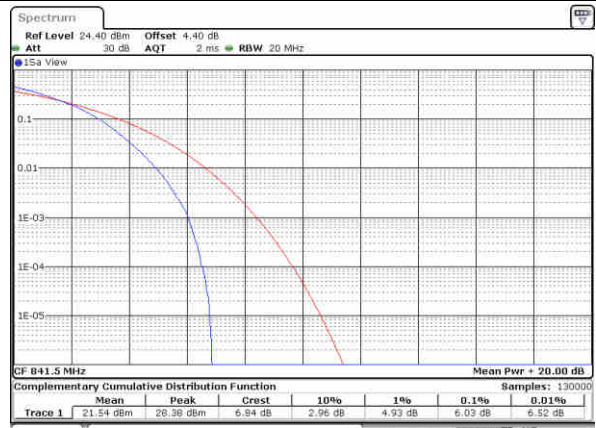
Date: 28 JUN 2017 00:12:28

Middle Channel / Full RB


Date: 28 JUN 2017 00:13:20

Highest Channel / 1RB


Date: 28 JUN 2017 00:14:13

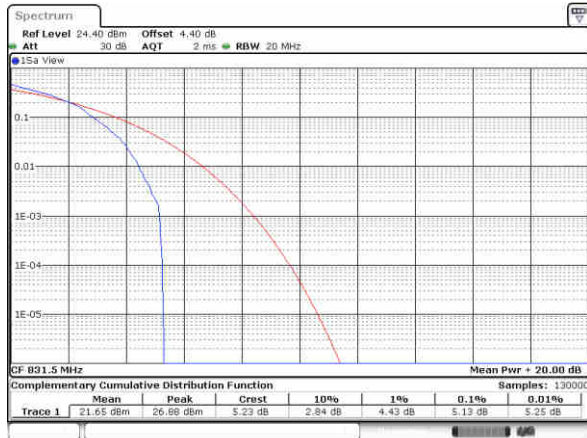
Highest Channel / Full RB


Date: 28 JUN 2017 00:15:02

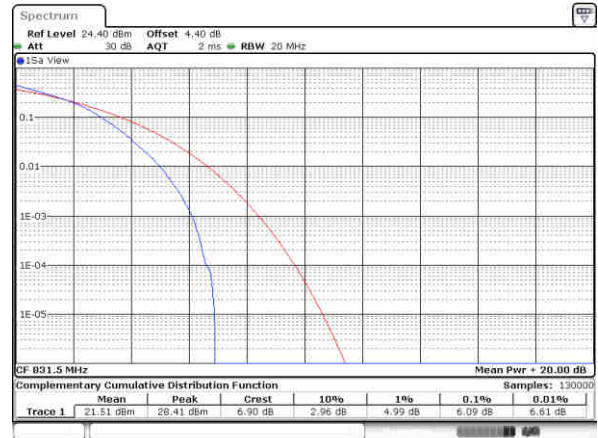


LTE Band 26 / 15MHz / 64QAM

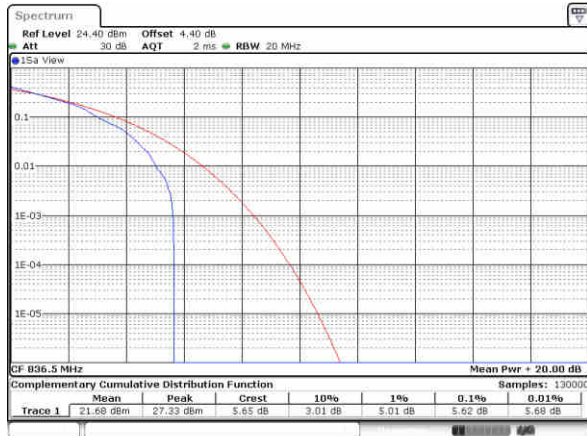
Lowest Channel / 1RB



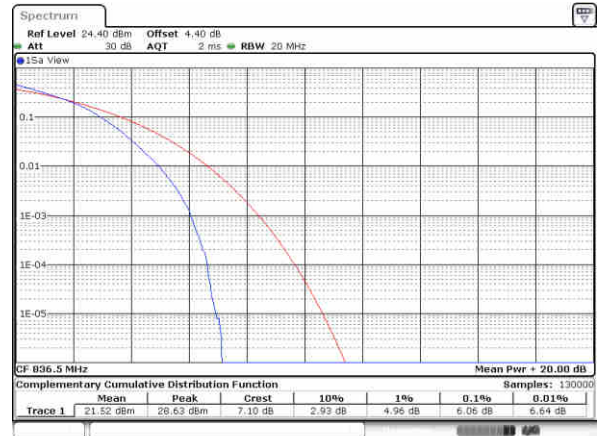
Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



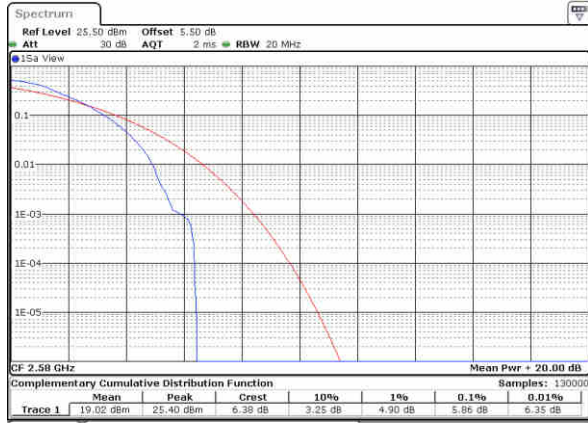
Highest Channel / Full RB





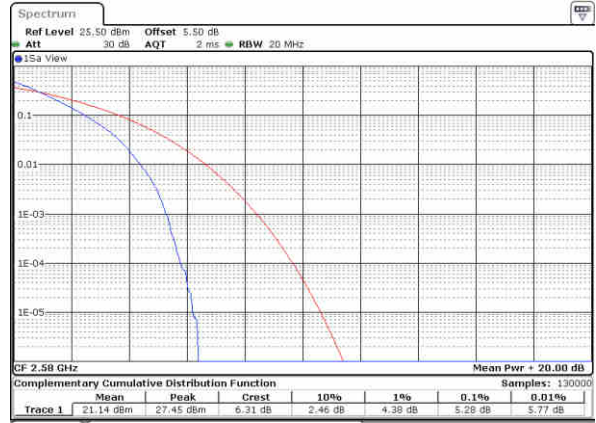
LTE Band 38 / 20MHz / QPSK

Lowest Channel / 1RB



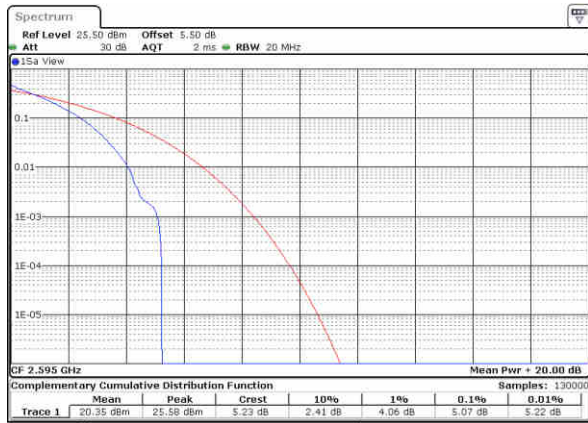
Date: 29 JUN 2017 20:56:58

Lowest Channel / Full RB



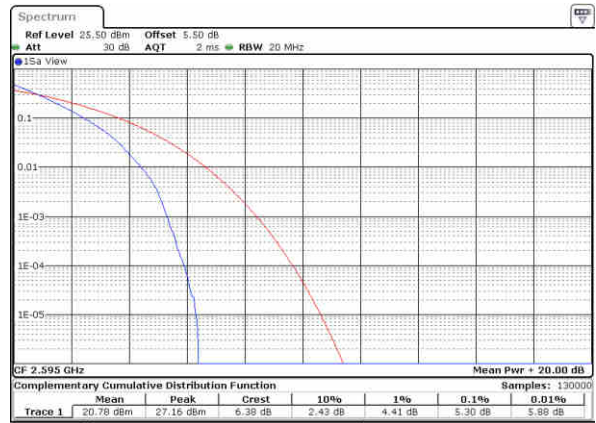
Date: 29 JUN 2017 20:57:07

Middle Channel / 1RB



Date: 29 JUN 2017 20:57:18

Middle Channel / Full RB



Date: 29 JUN 2017 20:57:34

Highest Channel / 1RB



Date: 29 JUN 2017 20:57:44

Highest Channel / Full RB

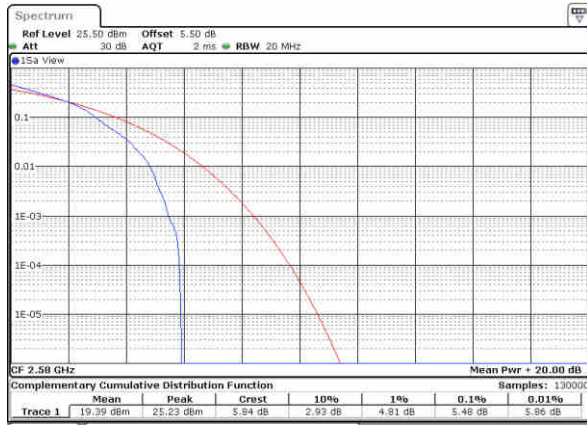


Date: 29 JUN 2017 20:58:02



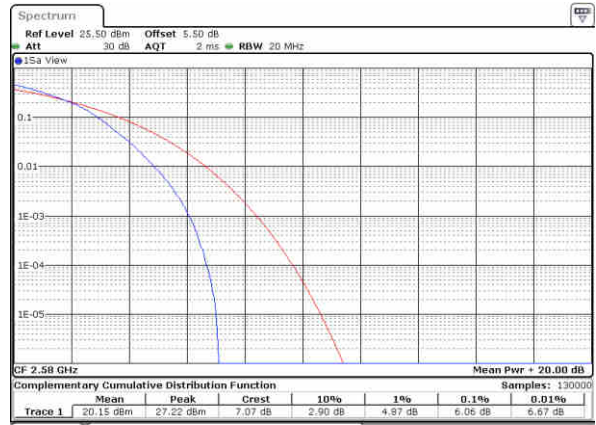
LTE Band 38 / 20MHz / 16QAM

Lowest Channel / 1RB



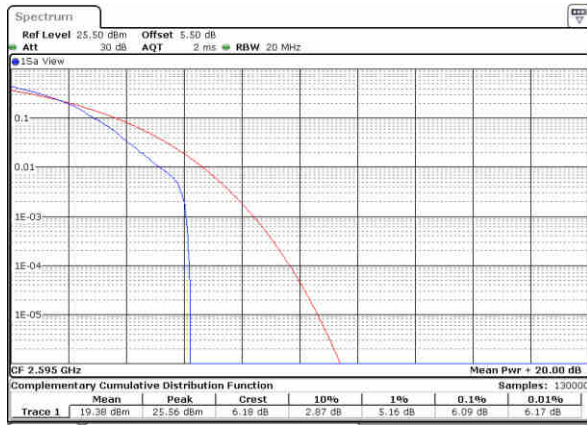
Date: 29 JUN 2017 20:55:06

Lowest Channel / Full RB



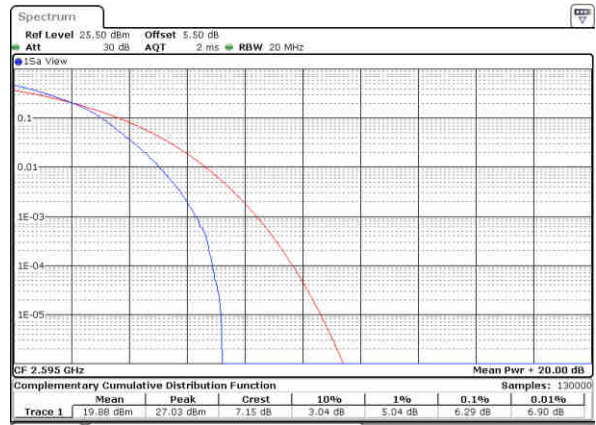
Date: 29 JUN 2017 20:55:22

Middle Channel / 1RB



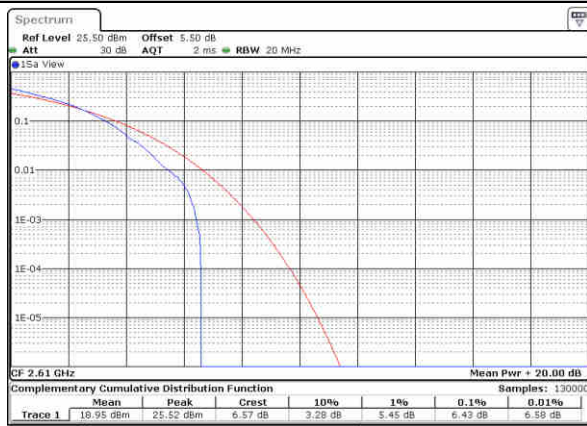
Date: 29 JUN 2017 20:55:44

Middle Channel / Full RB



Date: 29 JUN 2017 20:56:06

Highest Channel / 1RB



Date: 29 JUN 2017 20:56:20

Highest Channel / Full RB

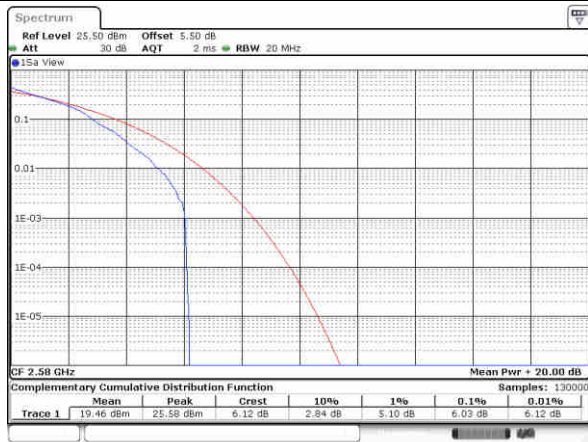


Date: 29 JUN 2017 20:56:47



LTE Band 38 / 20MHz / 64QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



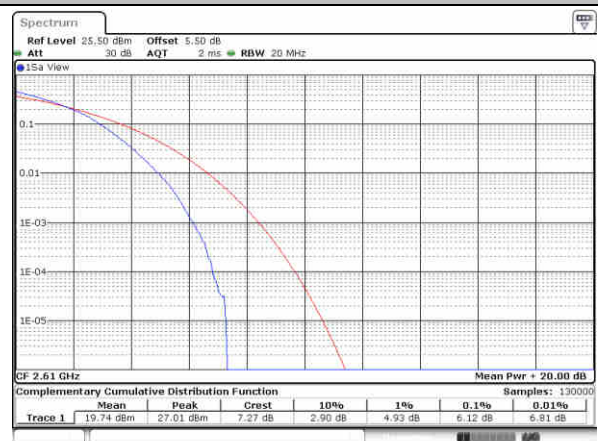
Middle Channel / Full RB



Highest Channel / 1RB



Highest Channel / Full RB





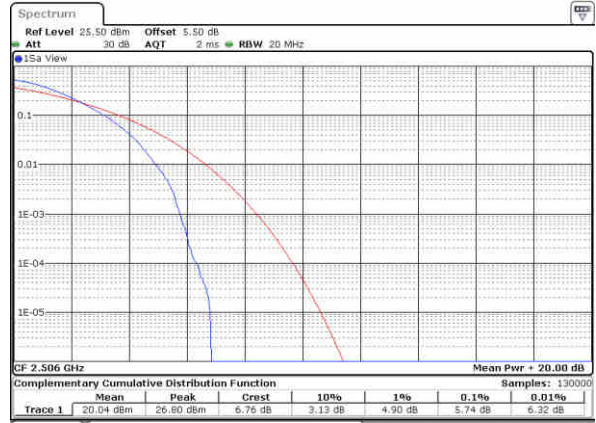
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



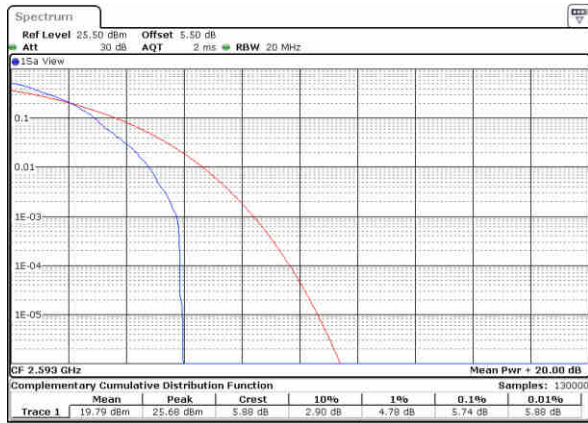
Date: 29 JUN 2017 21:25:21

Lowest Channel / Full RB



Date: 29 JUN 2017 21:25:42

Middle Channel / 1RB



Date: 29 JUN 2017 21:26:02

Middle Channel / Full RB



Date: 29 JUN 2017 21:26:12

Highest Channel / 1RB



Date: 29 JUN 2017 21:26:36

Highest Channel / Full RB

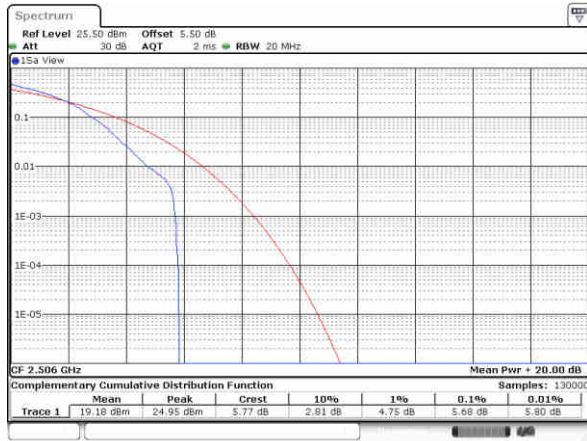


Date: 29 JUN 2017 21:27:01

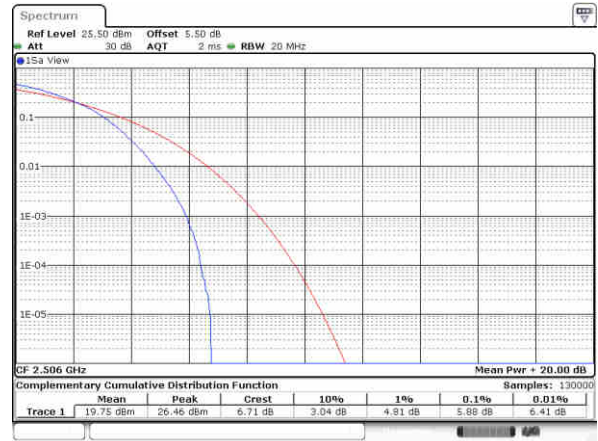


LTE Band 41 / 20MHz / 16QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



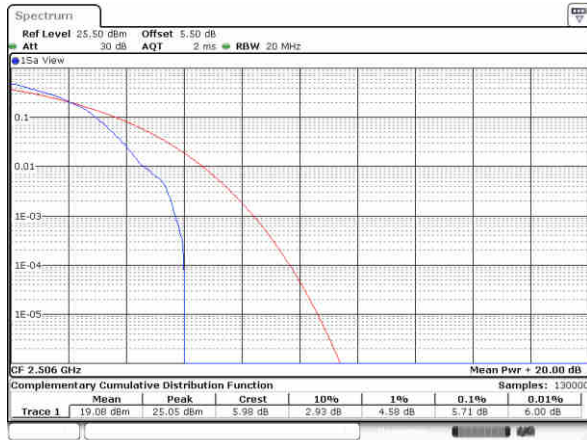
Highest Channel / Full RB



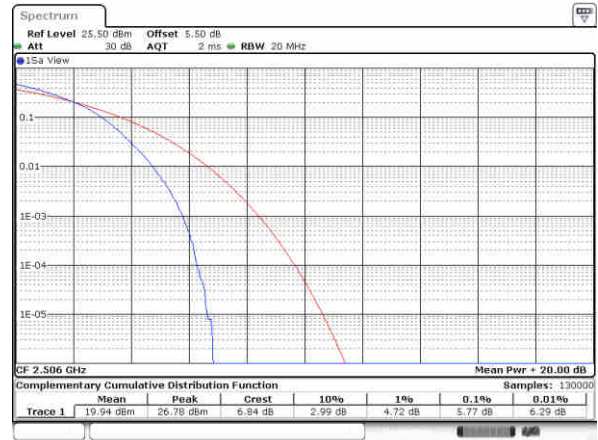


LTE Band 41 / 20MHz / 64QAM

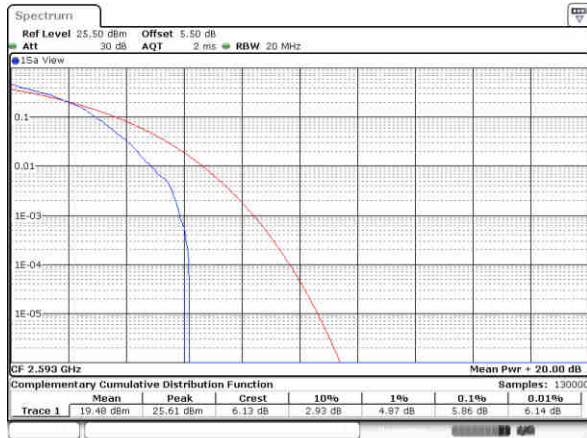
Lowest Channel / 1RB



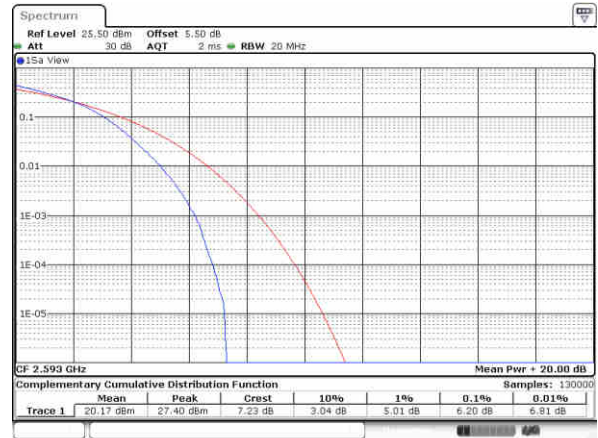
Lowest Channel / Full RB



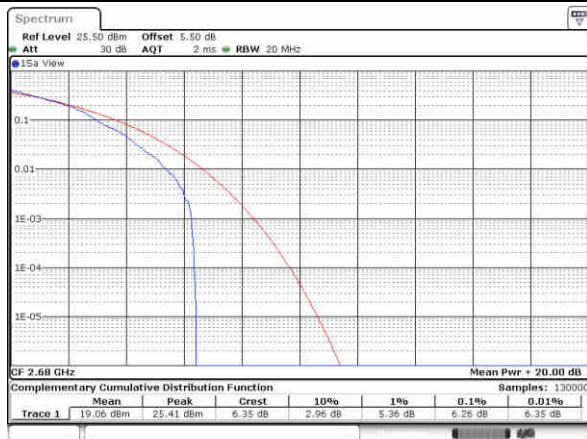
Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



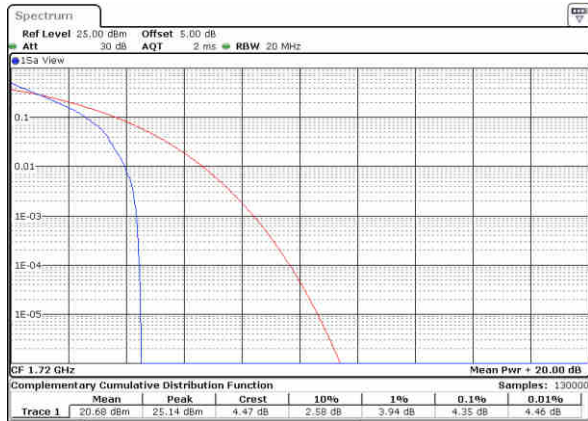
Highest Channel / Full RB



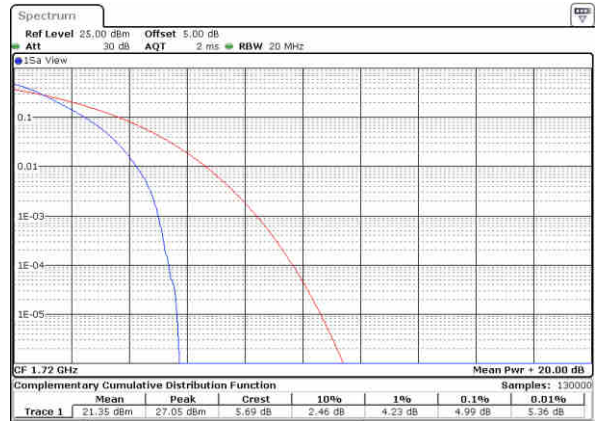


LTE Band 66 / 20MHz / QPSK

Lowest Channel / 1RB



Lowest Channel / Full RB



Middle Channel / 1RB



Middle Channel / Full RB



Highest Channel / 1RB



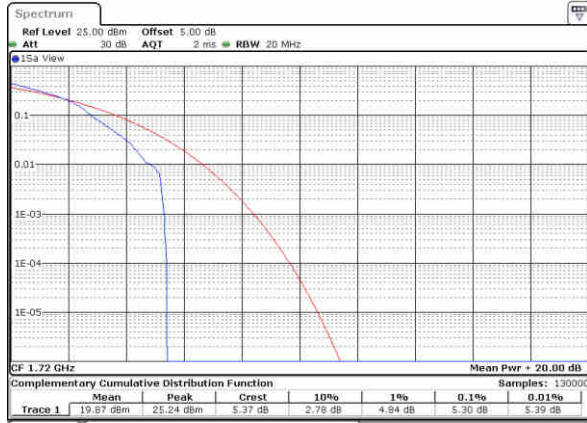
Highest Channel / Full RB





LTE Band 66 / 20MHz / 16QAM

Lowest Channel / 1RB



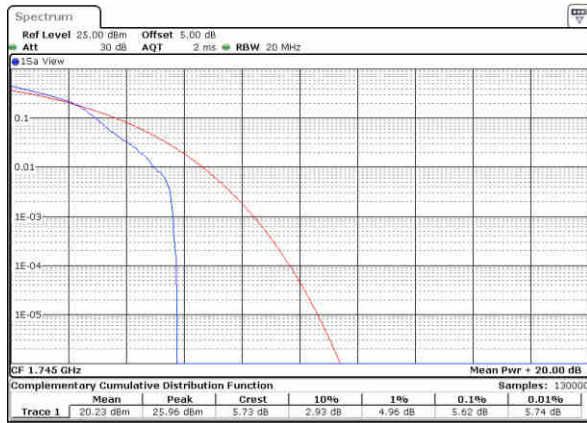
Date: 30 JUN 2017 21:58:22

Lowest Channel / Full RB



Date: 30 JUN 2017 21:56:24

Middle Channel / 1RB



Date: 30 JUN 2017 21:58:49

Middle Channel / Full RB



Date: 30 JUN 2017 22:01:58

Highest Channel / 1RB



Date: 30 JUN 2017 22:17:33

Highest Channel / Full RB



Date: 30 JUN 2017 22:15:24

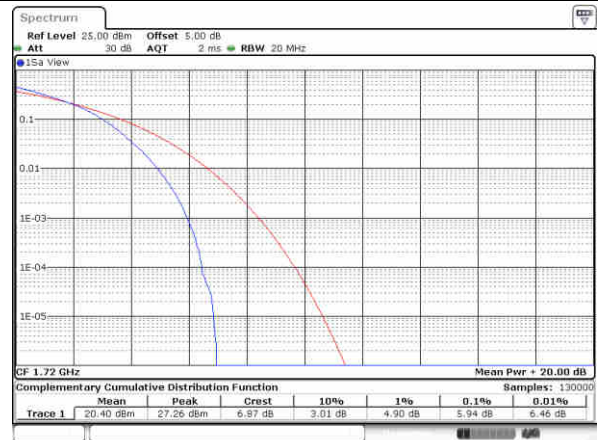


LTE Band 66 / 20MHz / 64QAM

Lowest Channel / 1RB



Lowest Channel / Full RB



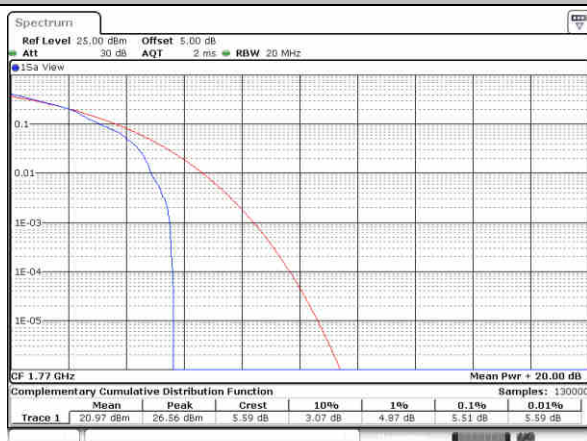
Middle Channel / 1RB



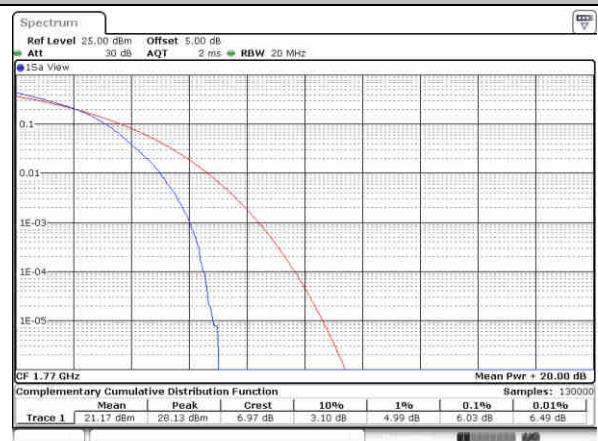
Middle Channel / Full RB



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	1.222	1.234	3.039	3.003	4.905	4.905	9.91	9.87	14.296	14.505	20.14	20.18
Middle CH	1.231	1.234	3.009	3.015	4.895	4.885	9.69	9.85	14.356	14.595	20.18	20.22
Highest CH	1.228	1.222	2.991	3.045	4.905	5.025	9.93	9.77	14.296	14.236	20.18	20.10
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.239	3.003	4.935	9.93	14.446	20.18						
Middle CH	1.214	3.009	4.885	9.75	14.386	20.22						
Highest CH	1.239	3.051	4.865	9.75	14.236	20.22						

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	1.217	1.234	3.009	3.033	4.855	4.885	9.79	9.81	14.326	14.356	20.18	20.30
Middle CH	1.236	1.234	3.009	3.045	4.955	4.905	9.81	9.67	14.386	14.356	20.30	20.22
Highest CH	1.220	1.220	3.009	3.015	4.875	4.835	9.83	9.77	14.386	14.446	20.10	20.14
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.222	3.027	4.755	9.65	14.386	20.06						
Middle CH	1.228	3.021	4.805	9.69	14.446	20.18						
Highest CH	1.231	3.075	4.885	9.69	14.476	20.10						

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	1.228	1.222	3.015	3.021	4.965	4.895	9.77	9.77	1.236	3.039	4.945	9.81
Middle CH	1.228	1.225	3.069	3.003	4.875	4.815	9.77	9.79	1.225	3.045	4.935	9.73
Highest CH	1.231	1.222	3.045	3.027	4.945	4.945	9.85	9.69	1.222	3.009	4.915	9.85



Mode	LTE Band 7 : 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	4.945	4.895	9.71	9.75	14.386	14.386	20.14	20.26	4.865	9.87	14.236	20.06
Middle CH	4.955	4.915	9.75	9.79	14.535	14.146	20.26	20.10	4.855	9.79	14.236	20.22
Highest CH	4.875	4.785	9.71	9.75	14.296	14.595	20.30	20.14	4.905	9.77	14.176	20.14

Mode	LTE Band 12 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		1.4MHz	3MHz	5MHz	10MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.225	1.217	2.997	2.991	4.895	4.955	9.67	9.73	1.228	2.979	4.895	9.77
Middle CH	1.225	1.222	3.027	3.033	4.895	4.905	9.67	9.81	1.239	3.015	4.915	9.75
Highest CH	1.228	1.242	3.099	3.021	4.925	4.895	9.95	9.77	1.245	3.051	4.845	9.69

Mode	LTE Band 13 : 26dB BW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.875	4.855	-	-	4.875	-						
Middle CH	4.975	4.915	9.81	9.67	4.845	9.75						
Highest CH	4.945	4.875	-	-	4.925	-						

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.865	4.865	9.73	9.75	4.925	9.93						
Middle CH	4.875	4.985	9.87	9.69	4.945	9.77						
Highest CH	4.955	4.885	9.77	9.75	4.905	9.85						



Mode	LTE Band 25 : 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	1.234	1.231	3.015	3.021	4.925	4.875	9.77	9.71	14.476	14.176	20.10	20.10
Middle CH	1.236	1.222	2.979	3.003	4.985	4.885	9.77	9.87	14.116	14.356	20.18	20.22
Highest CH	1.228	1.222	3.051	2.985	4.815	4.865	9.81	9.69	14.356	14.356	20.18	20.34
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.228	3.039	4.825	9.73	14.176	20.14						
Middle CH	1.222	3.021	4.885	9.91	14.236	20.26						
Highest CH	1.234	3.117	4.885	9.63	14.565	20.18						

Mode	LTE Band 26 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		CH26765	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.222	1.234	3.009	3.069	4.935	4.915	9.77	9.79	14.505	14.595	14.386	14.476
Middle CH	1.239	1.228	3.039	3.015	4.885	4.925	9.65	9.73	14.326	14.386	-	-
Highest CH	1.250	1.211	3.057	3.021	4.845	4.855	9.95	9.69	14.565	14.206	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.242	3.021	4.845	9.75	14.266	14.326						
Middle CH	1.231	2.997	4.845	9.69	14.416	-						
Highest CH	1.231	3.027	4.945	9.81	14.595	-						

Mode	LTE Band 38 : 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	4.925	4.865	9.67	9.73	14.326	14.236	20.14	20.14	4.885	9.75	14.116	20.10
Middle CH	4.895	4.835	9.73	9.65	14.595	14.206	20.10	20.22	4.945	9.79	14.356	20.10
Highest CH	4.955	4.835	9.81	9.73	14.146	14.206	20.10	20.02	4.855	9.87	14.116	20.06

Mode	LTE Band 41 : 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	4.925	4.915	9.83	9.73	14.206	14.356	20.10	20.06	4.945	9.85	14.416	20.14
Middle CH	4.945	4.915	9.65	9.67	14.176	14.236	20.30	20.10	4.795	9.77	14.236	20.10
Highest CH	4.895	4.895	9.69	9.71	14.505	14.146	20.14	20.10	4.875	9.81	14.356	20.18

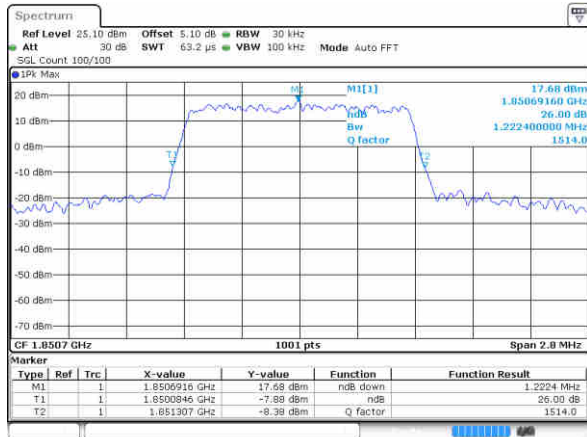


Mode	LTE Band 66 : 26dB BW(MHz)											
BW	1.4MHz		3MHz		5MHz		10MHz		15MHz		20MHz	
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM
Lowest CH	1.228	1.222	3.051	3.009	4.955	4.965	9.71	9.67	14.356	14.356	20.26	20.10
Middle CH	1.225	1.225	3.015	3.027	4.855	4.915	9.87	9.79	14.535	14.505	20.14	20.14
Highest CH	1.225	1.239	2.973	2.985	4.855	4.955	9.71	9.73	14.565	14.326	20.14	20.10
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.236	3.015	4.885	9.73	14.505	20.10						
Middle CH	1.245	2.955	4.905	9.83	14.146	20.14						
Highest CH	1.236	3.039	4.925	9.81	14.416	20.26						



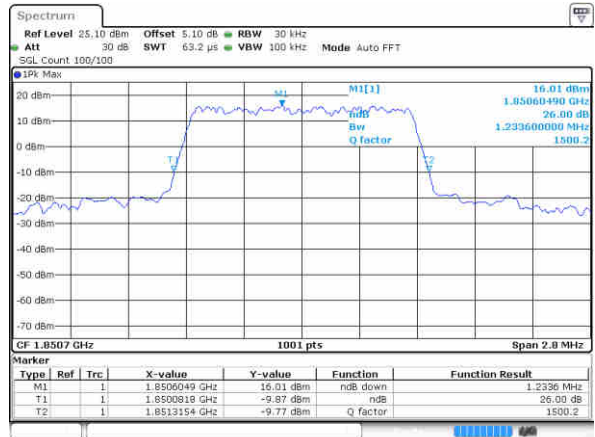
LTE Band 2

Lowest Channel / 1.4MHz / QPSK



Date: 21 JUN 2017 19:16:26

Lowest Channel / 1.4MHz / 16QAM



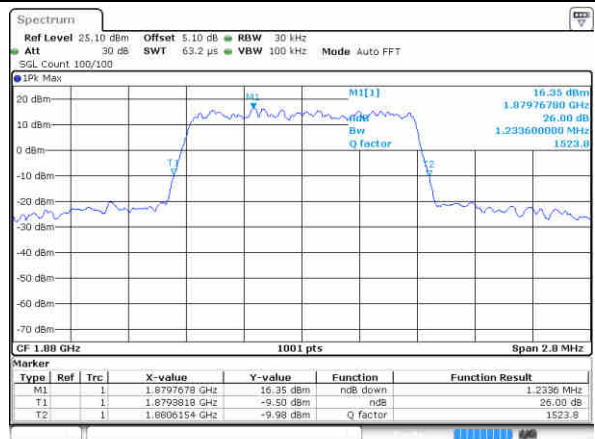
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Middle Channel / 1.4MHz / QPSK



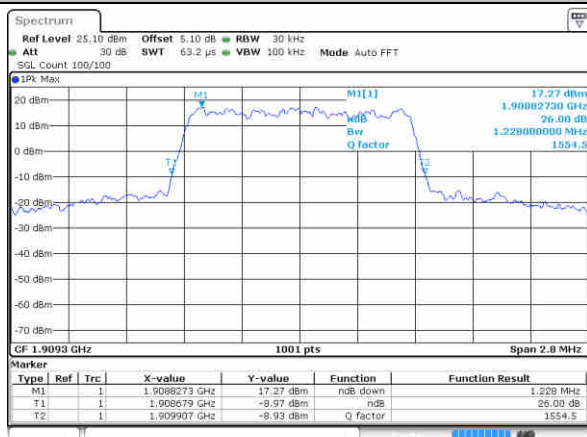
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Middle Channel / 1.4MHz / 16QAM



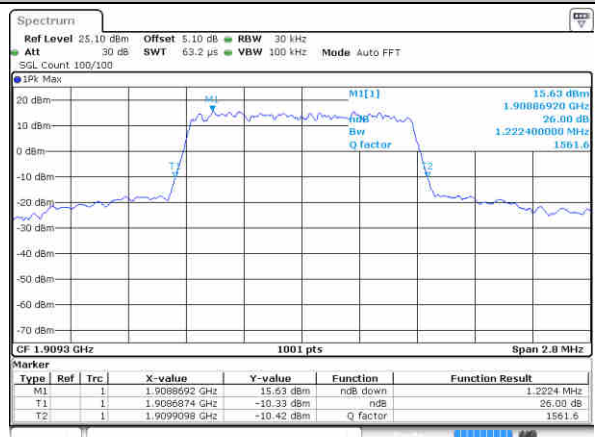
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Highest Channel / 1.4MHz / QPSK



Date: 21 JUN 2017 19:26:05

Highest Channel / 1.4MHz / 16QAM

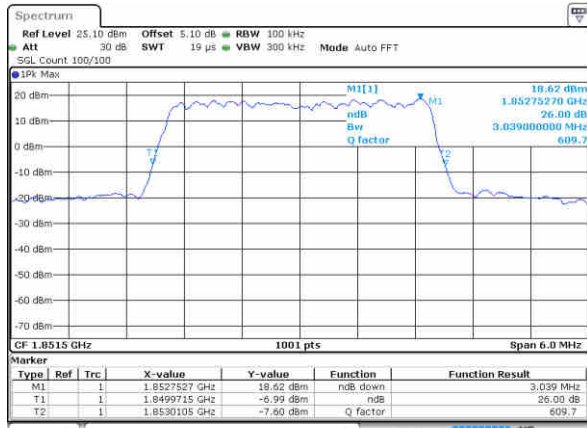


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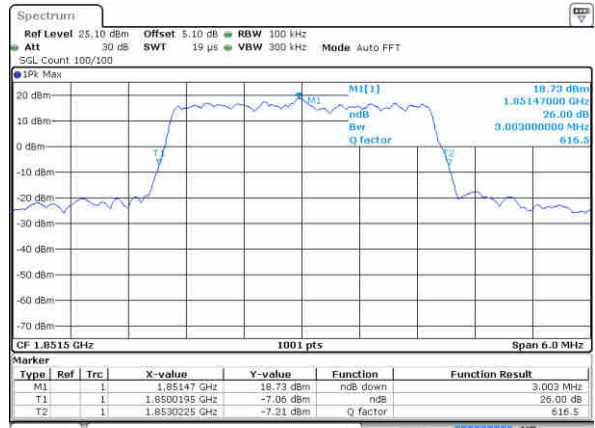
LTE Band 2

Lowest Channel / 3MHz / QPSK



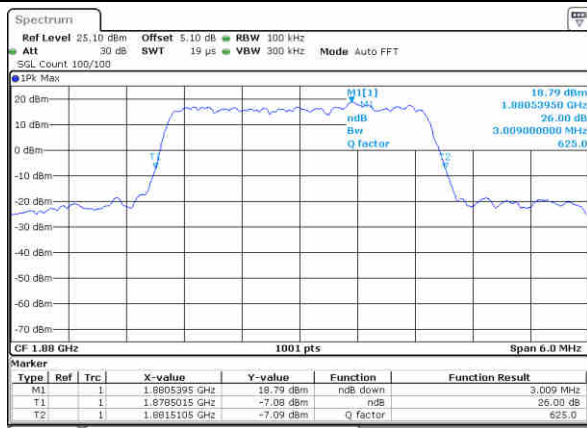
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Lowest Channel / 3MHz / 16QAM



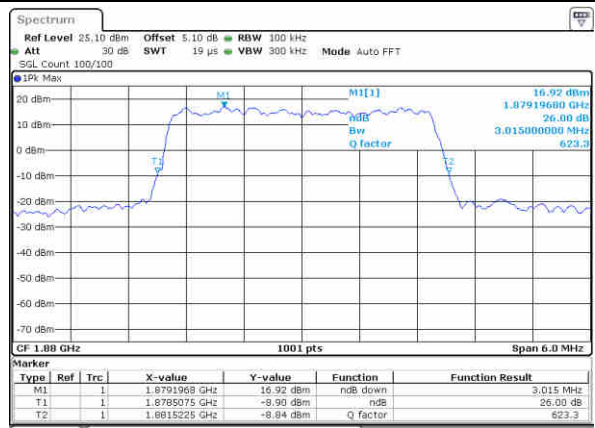
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Middle Channel / 3MHz / QPSK



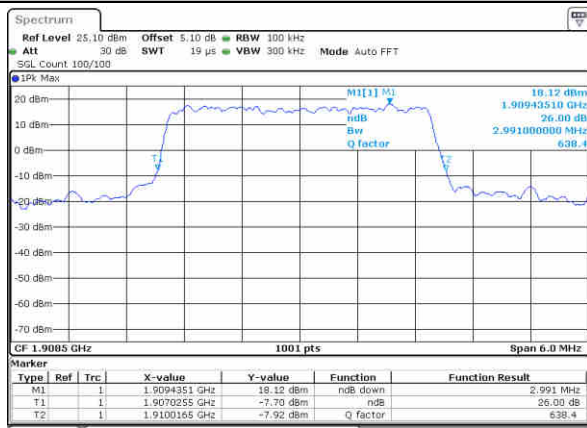
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Middle Channel / 3MHz / 16QAM



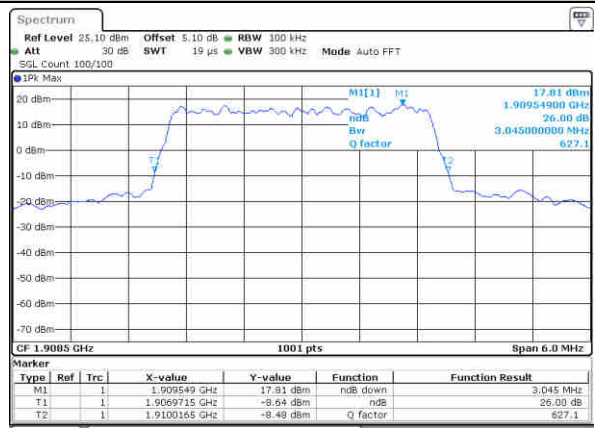
Date: 21 JUN 2017 19:40:26

Highest Channel / 3MHz / QPSK



Date: 21 JUN 2017 19:42:49

Highest Channel / 3MHz / 16QAM

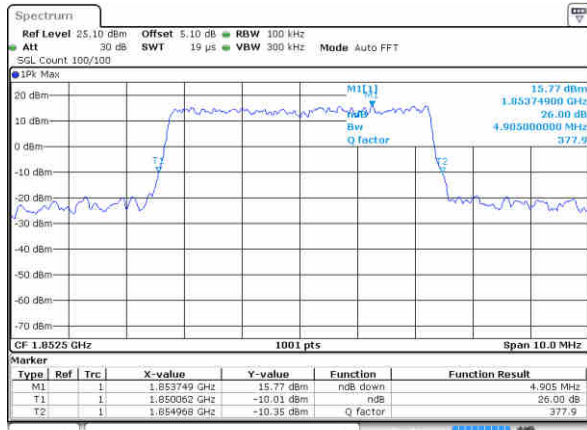


Date: 21 JUN 2017 19:43:00

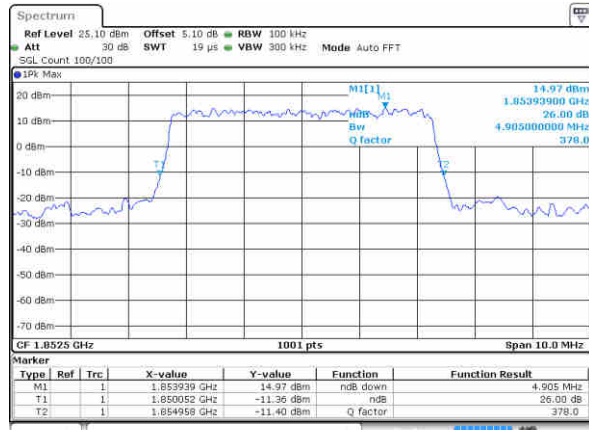


LTE Band 2

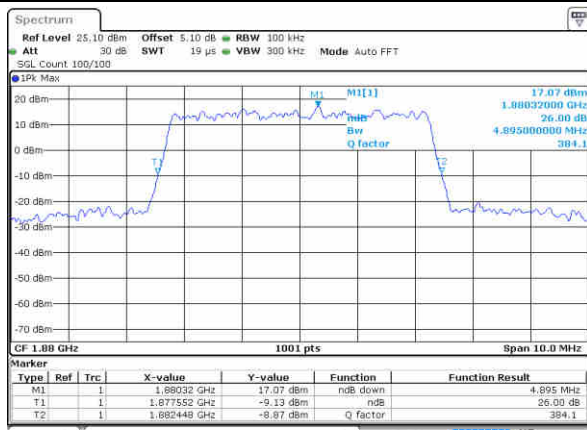
Lowest Channel / 5MHz / QPSK



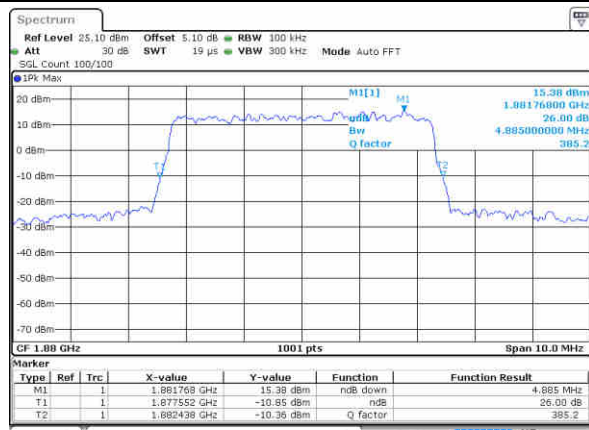
Lowest Channel / 5MHz / 16QAM



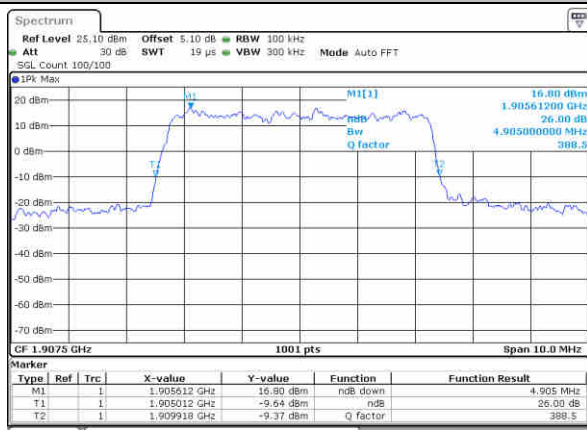
Middle Channel / 5MHz / QPSK



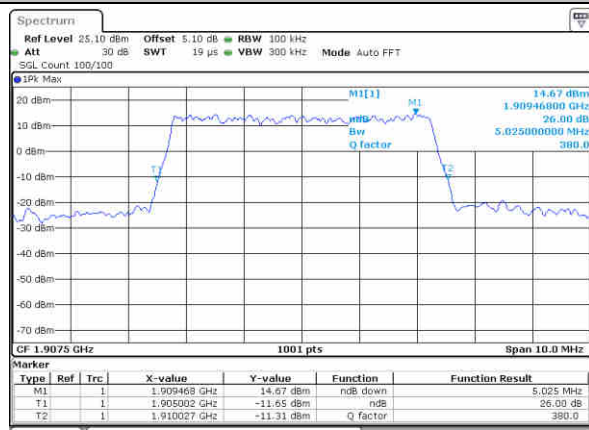
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK



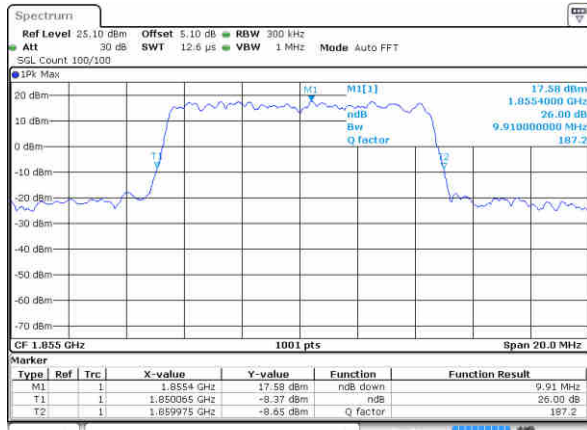
Highest Channel / 5MHz / 16QAM



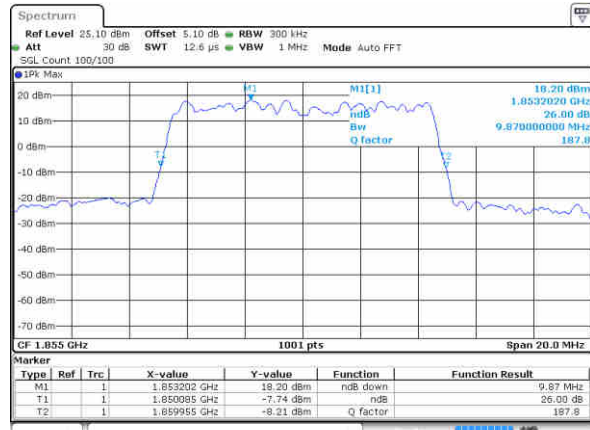


LTE Band 2

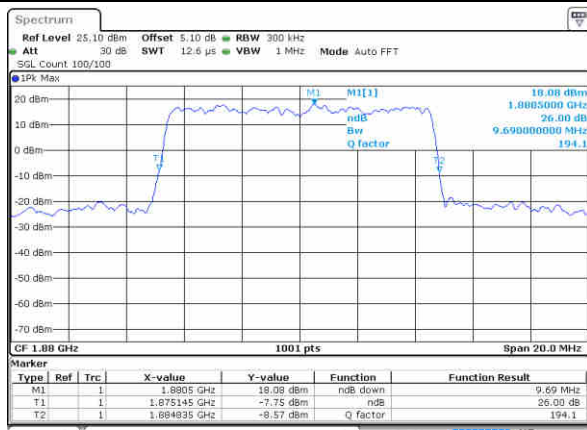
Lowest Channel / 10MHz / QPSK



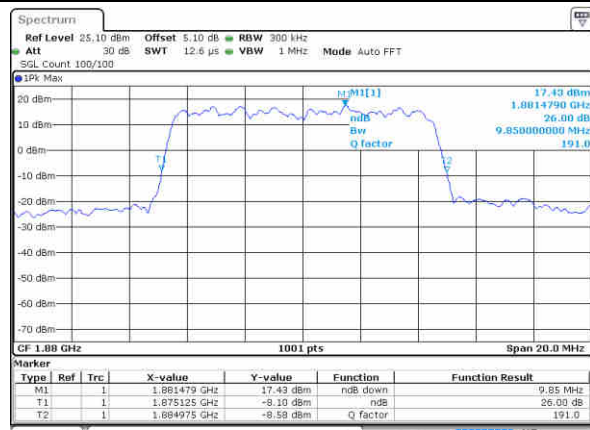
Lowest Channel / 10MHz / 16QAM



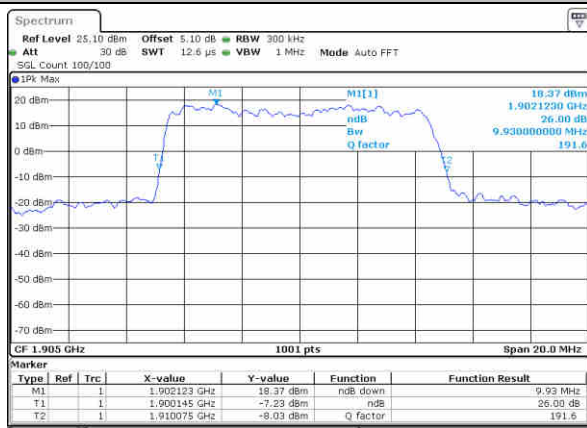
Middle Channel / 10MHz / QPSK



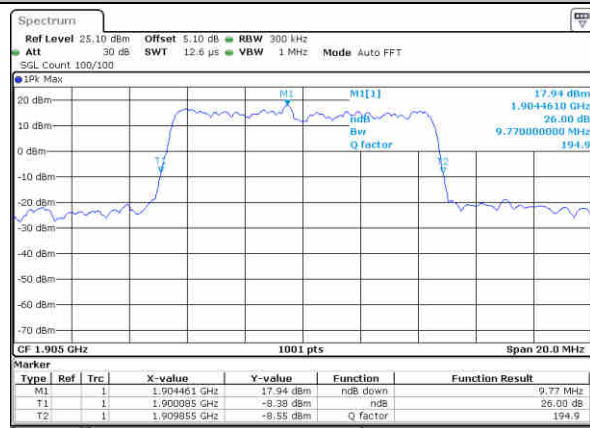
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK



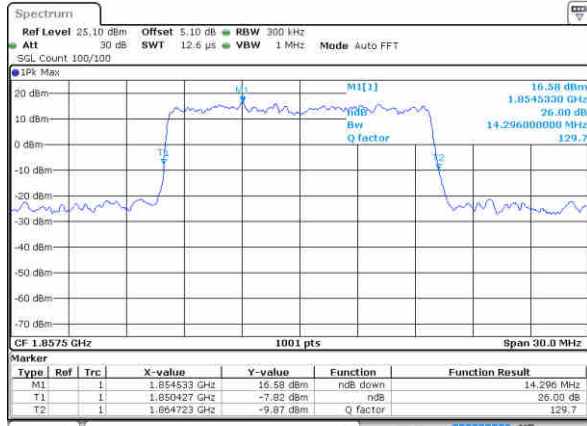
Highest Channel / 10MHz / 16QAM



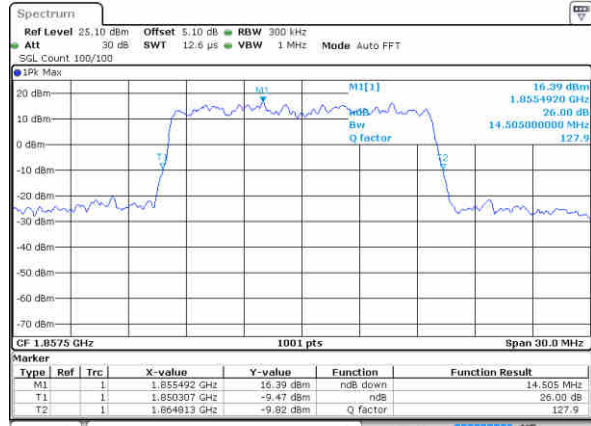


LTE Band 2

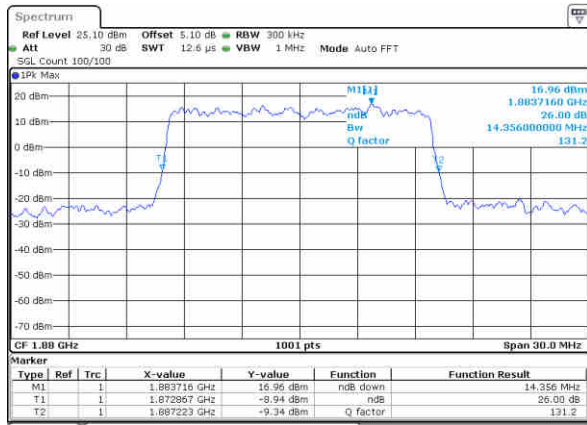
Lowest Channel / 15MHz / QPSK



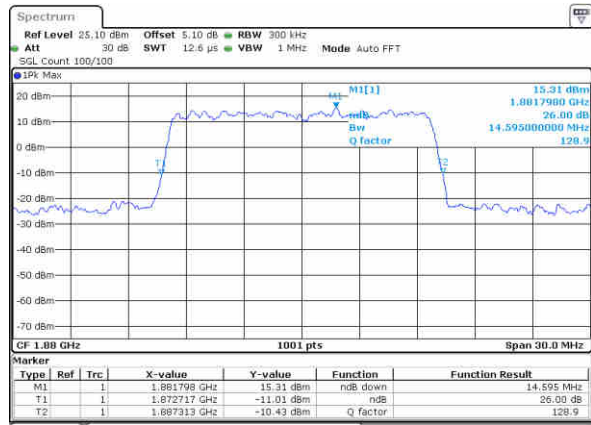
Lowest Channel / 15MHz / 16QAM



Middle Channel / 15MHz / QPSK



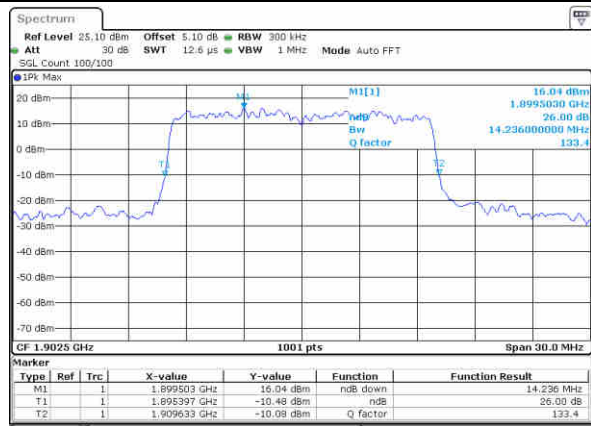
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK



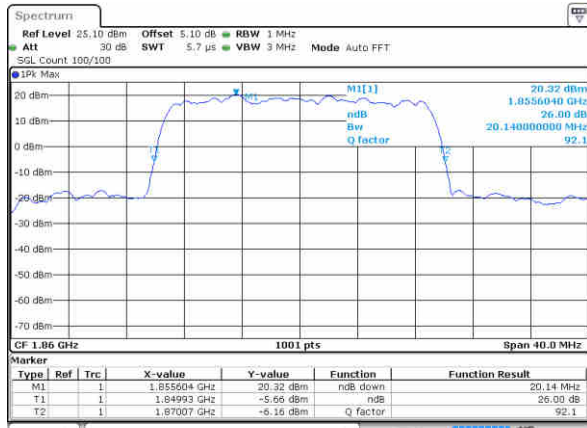
Highest Channel / 15MHz / 16QAM



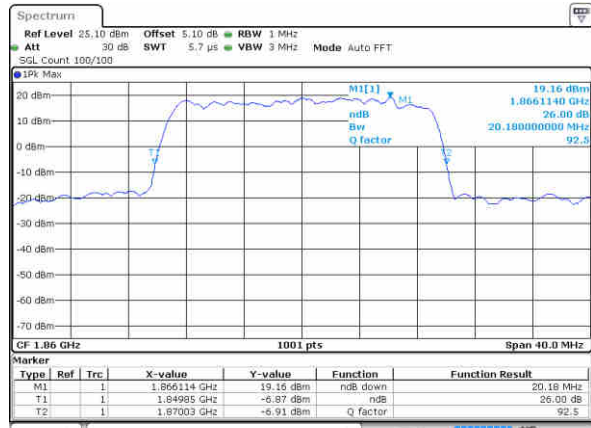


LTE Band 2

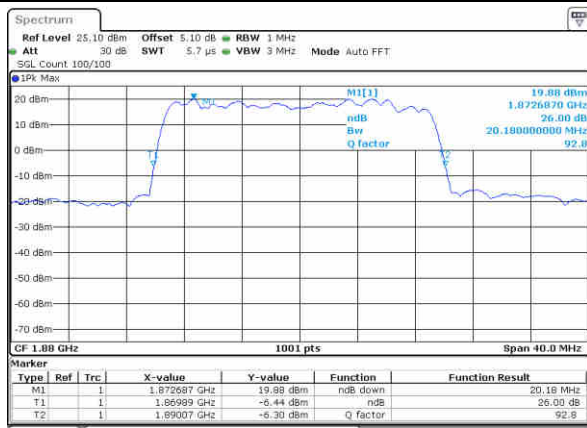
Lowest Channel / 20MHz / QPSK



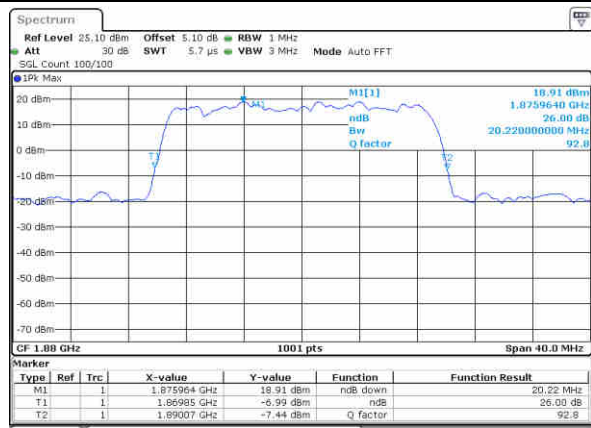
Lowest Channel / 20MHz / 16QAM



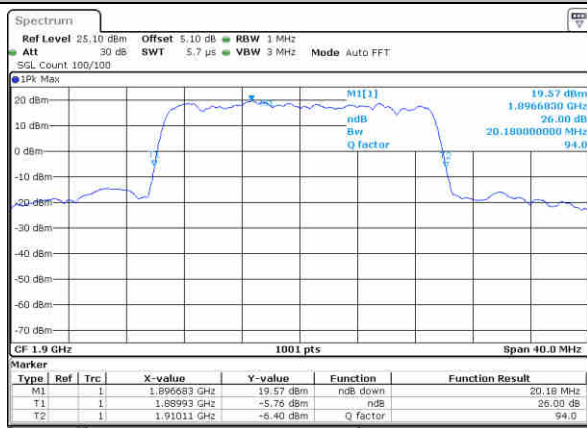
Middle Channel / 20MHz / QPSK



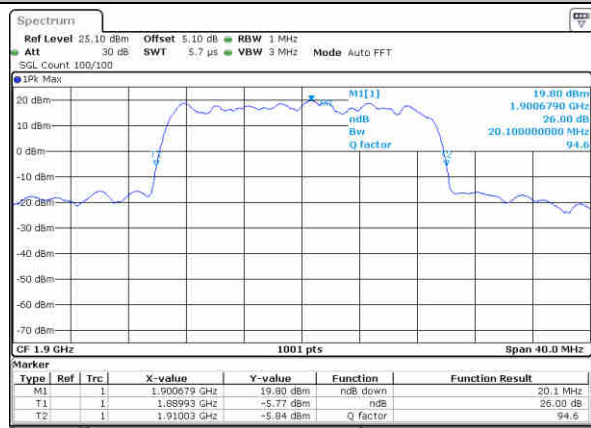
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK



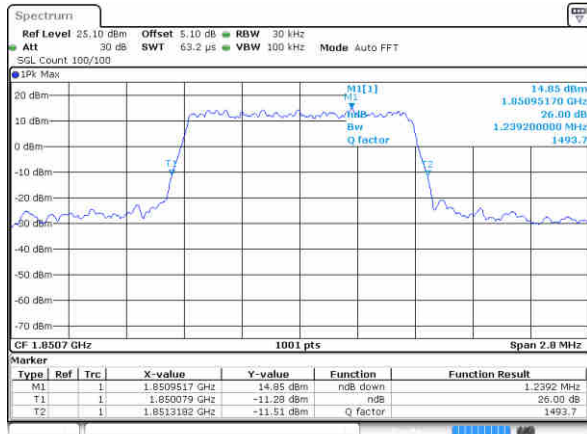
Highest Channel / 20MHz / 16QAM



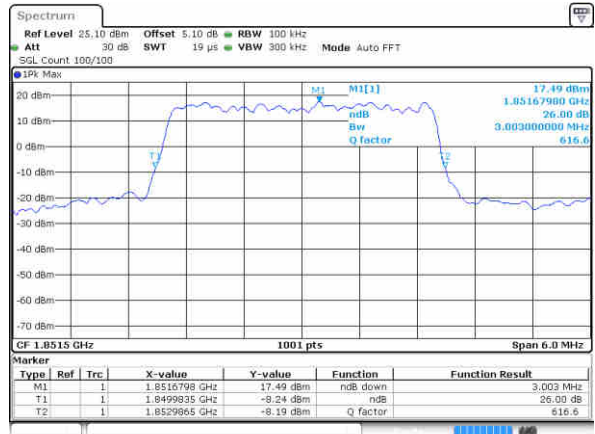


LTE Band 2

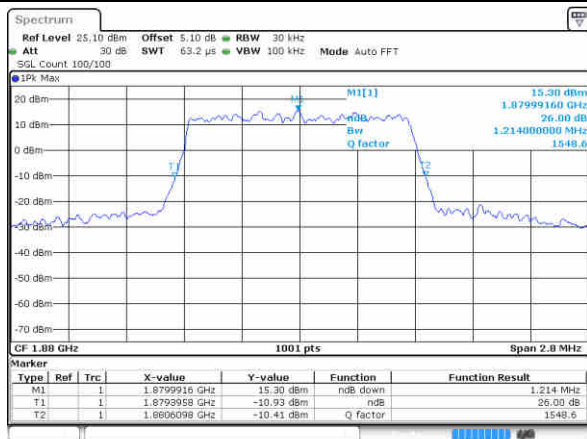
Lowest Channel / 1.4MHz / 64QAM



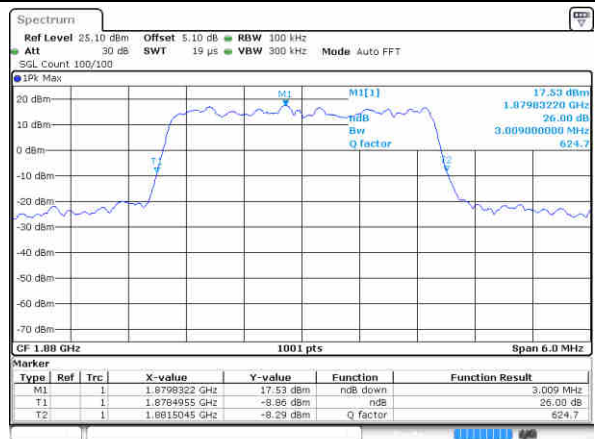
Lowest Channel / 3MHz / 64QAM



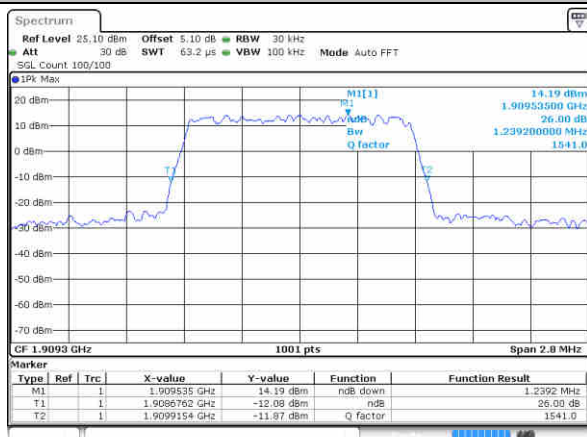
Middle Channel / 1.4MHz / 64QAM



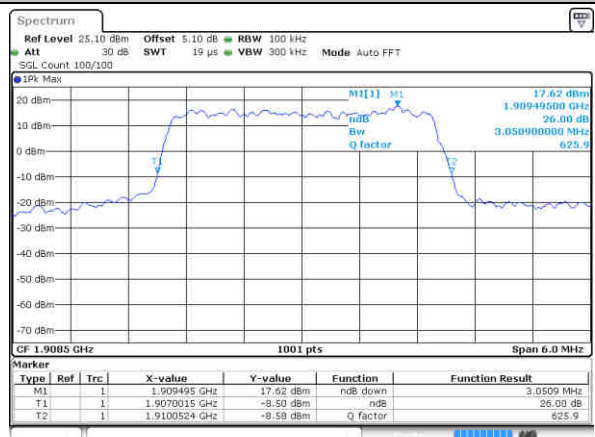
Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



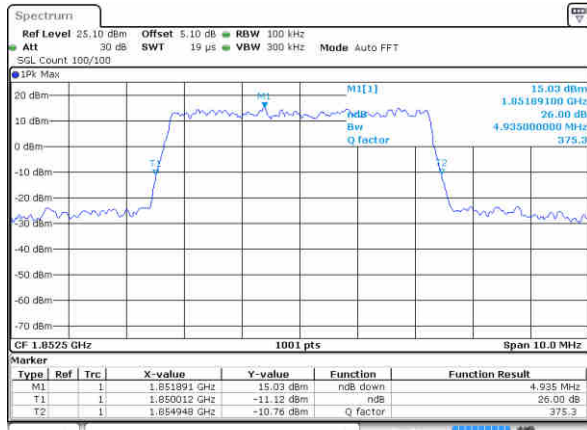
Highest Channel / 3MHz / 64QAM



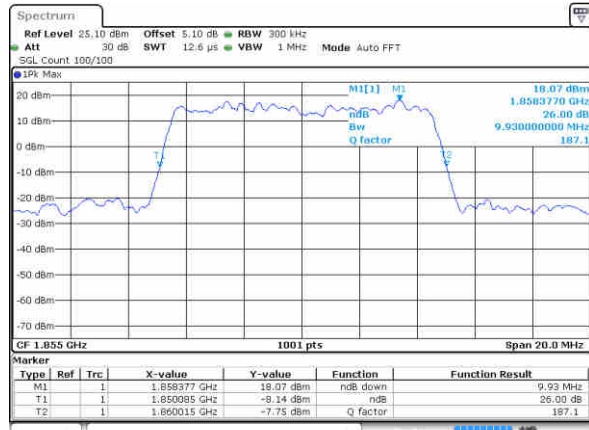


LTE Band 2

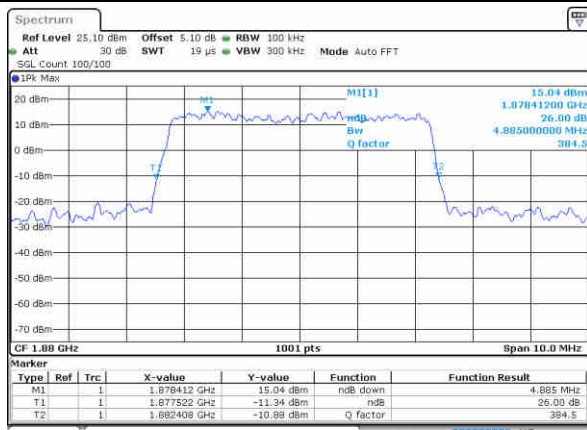
Lowest Channel / 5MHz / 64QAM



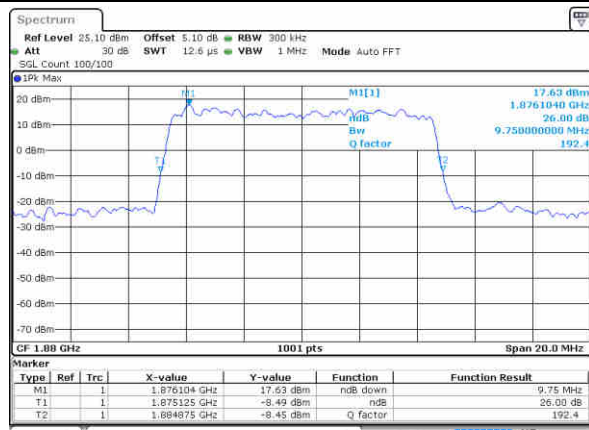
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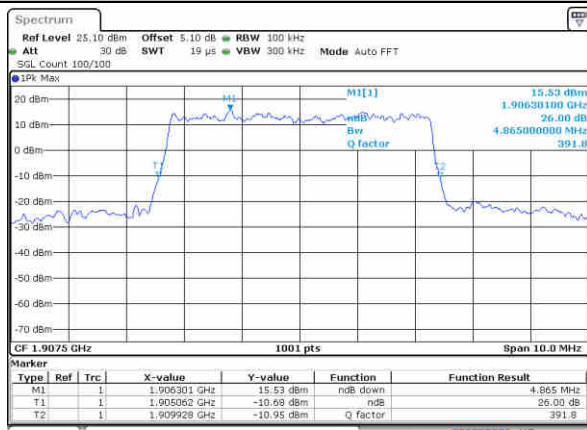
Middle Channel / 5MHz / 64QAM



Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM



Highest Channel / 10MHz / 64QAM

