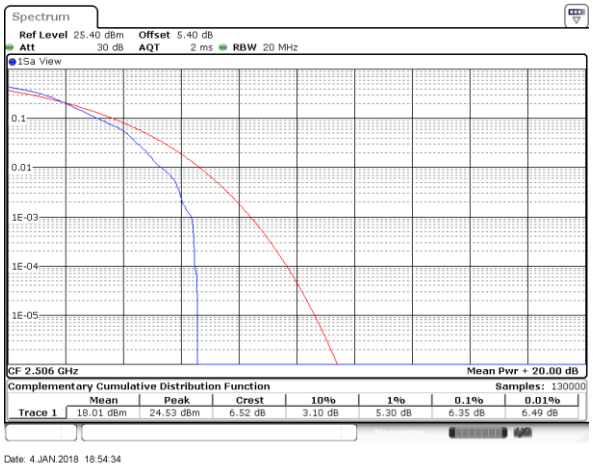
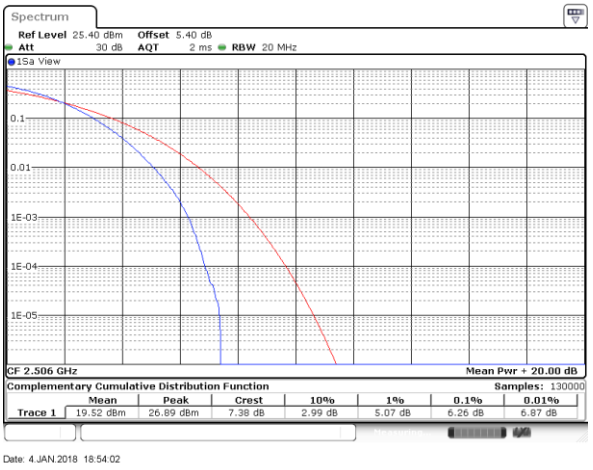
LTE Band 41 / 20MHz / 64QAM

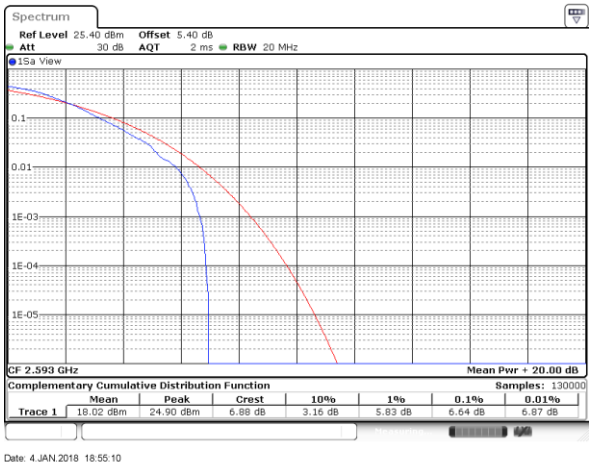
Lowest Channel / 1RB



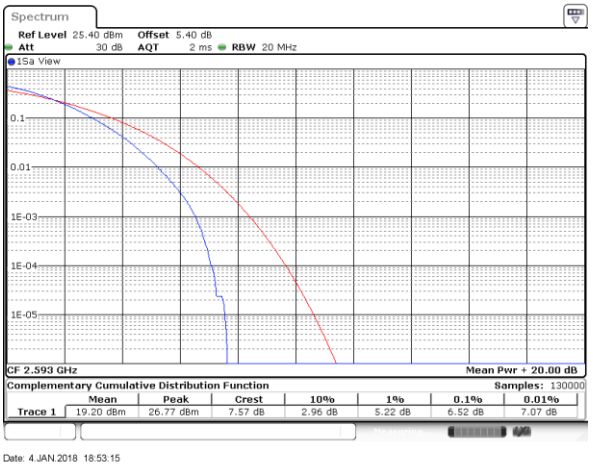
Lowest Channel / Full RB



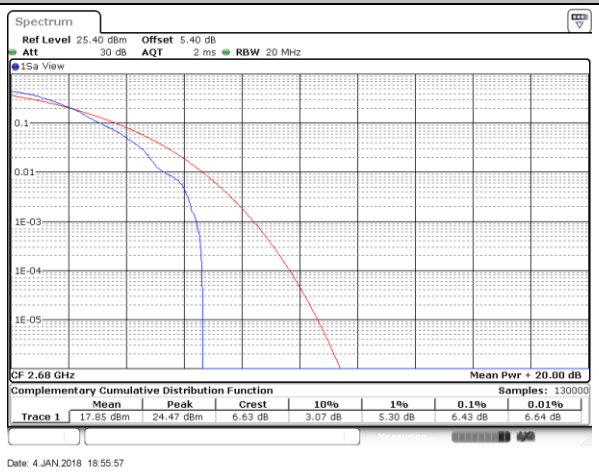
Middle Channel / 1RB



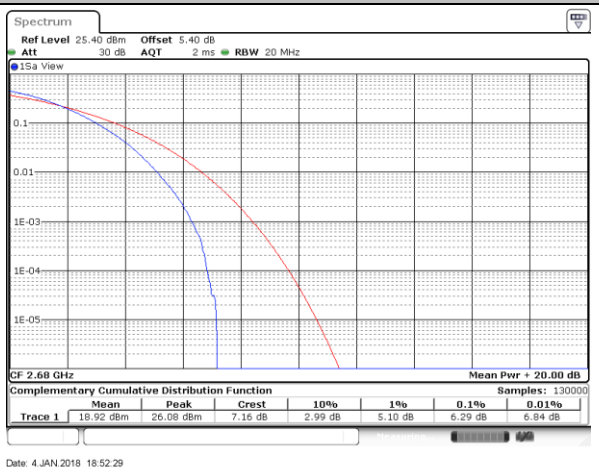
Middle Channel / Full RB



Highest Channel / 1RB

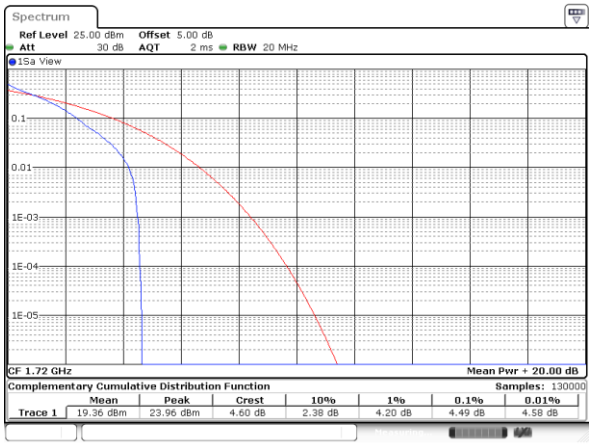


Highest Channel / Full RB

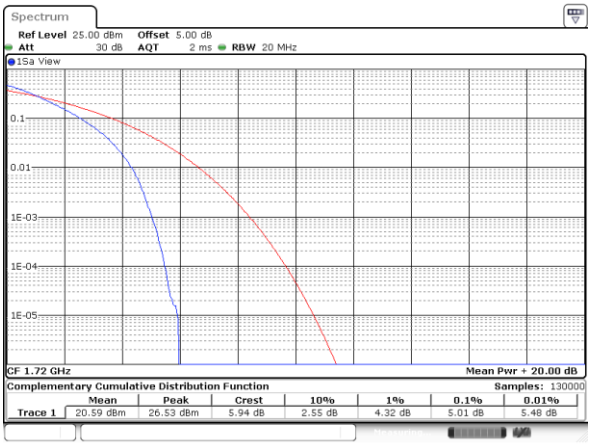


LTE Band 66 / 20MHz / QPSK

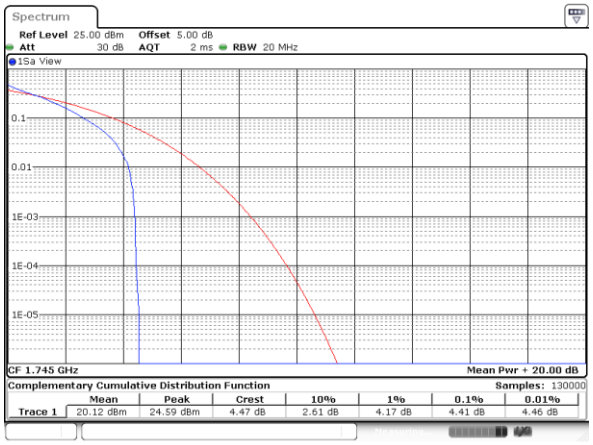
Lowest Channel / 1RB



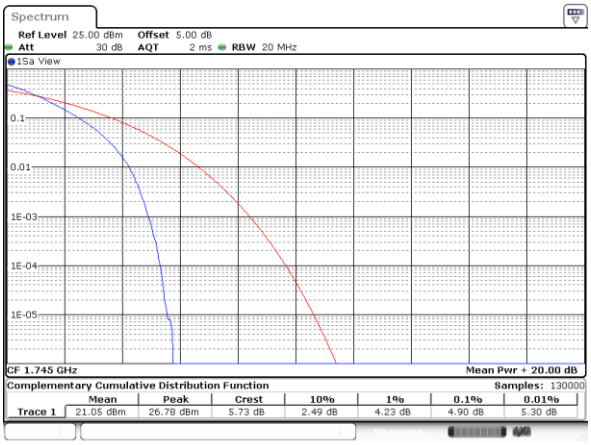
Lowest Channel / Full RB



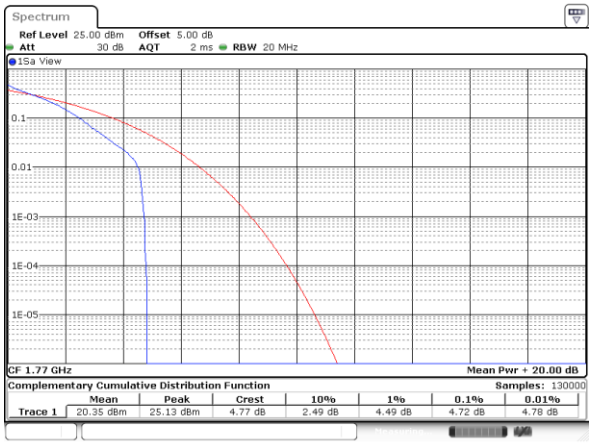
Middle Channel / 1RB



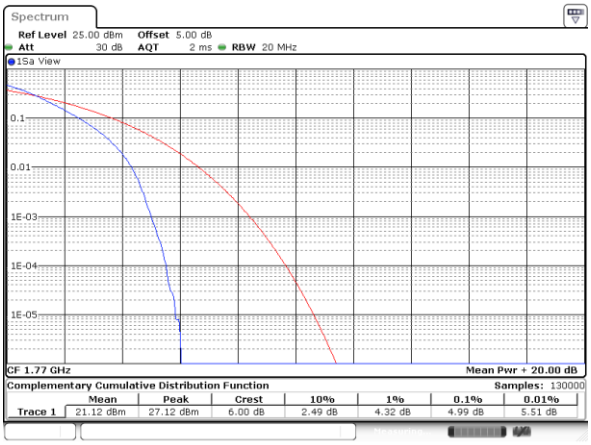
Middle Channel / Full RB



Highest Channel / 1RB

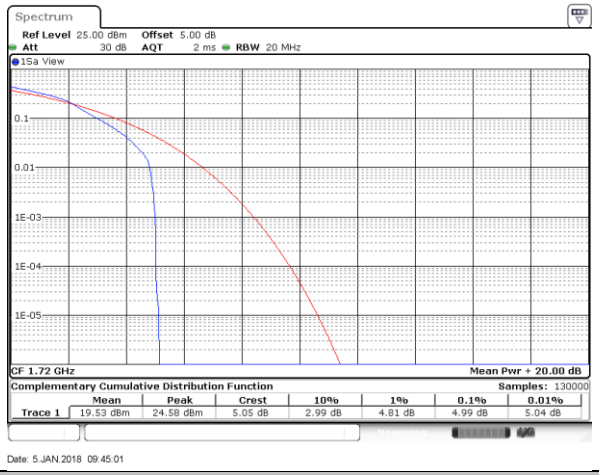


Highest Channel / Full RB

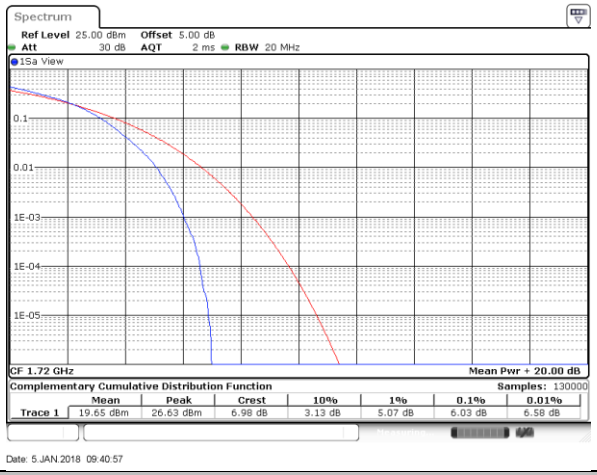


LTE Band 66 / 20MHz / 16QAM

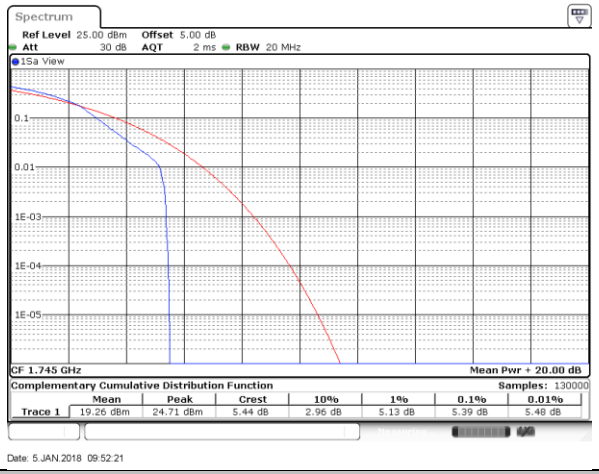
Lowest Channel / 1RB



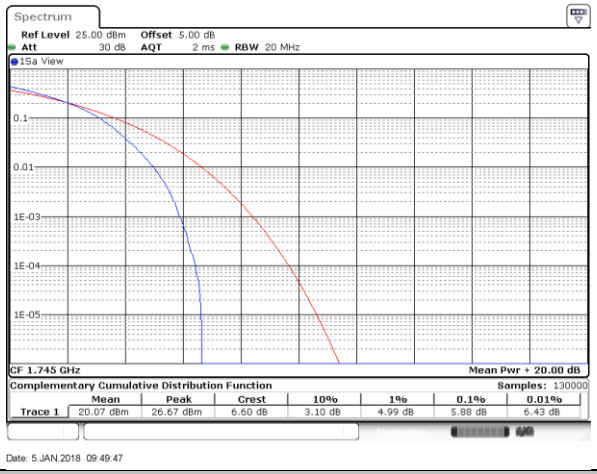
Lowest Channel / Full RB



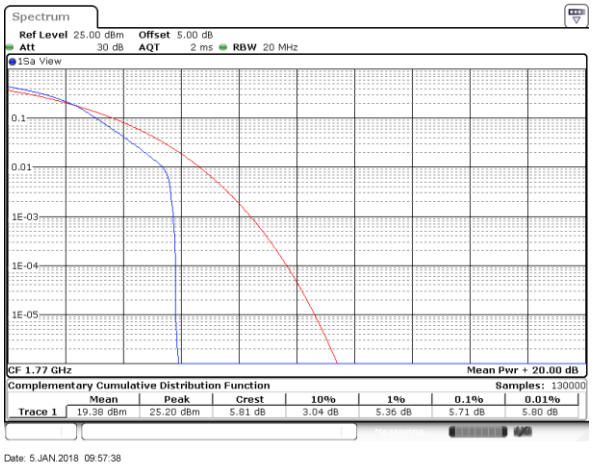
Middle Channel / 1RB



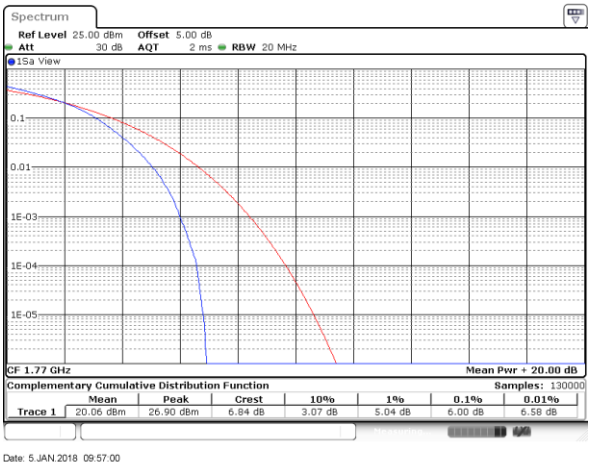
Middle Channel / Full RB



Highest Channel / 1RB

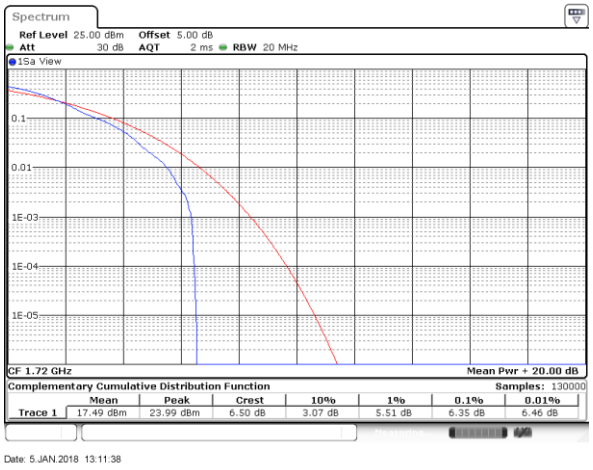


Highest Channel / Full RB

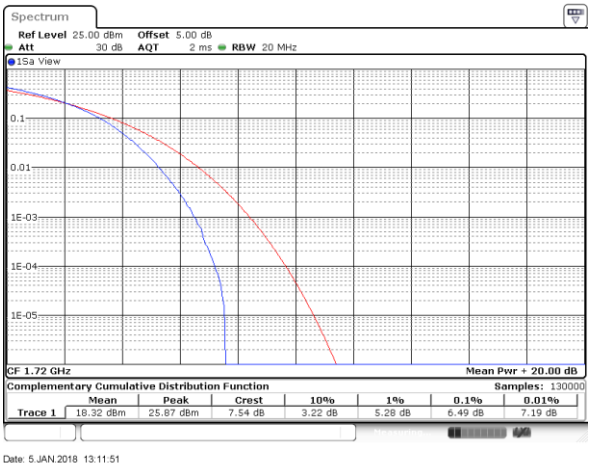


LTE Band 66/ 20MHz / 64QAM

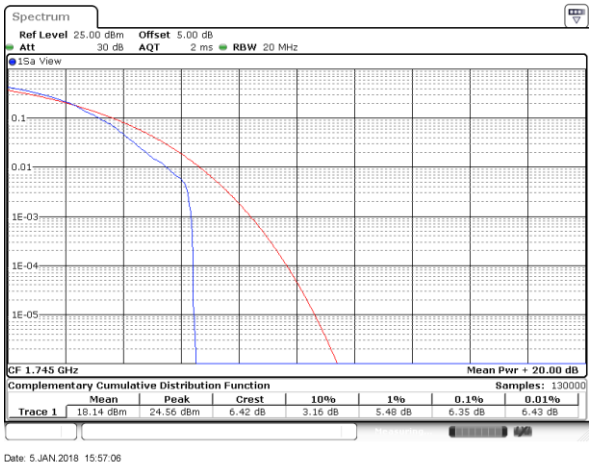
Lowest Channel / 1RB



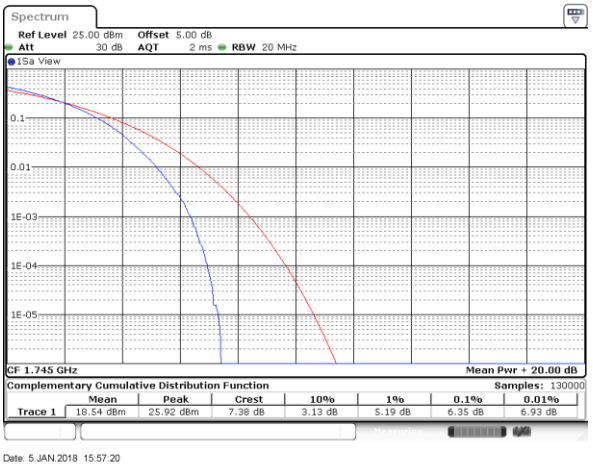
Lowest Channel / Full RB



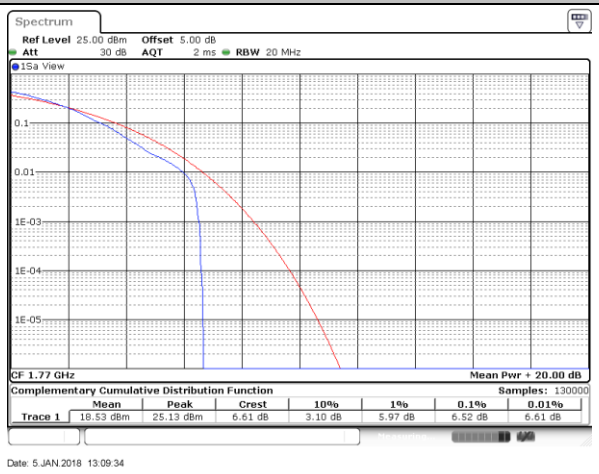
Middle Channel / 1RB



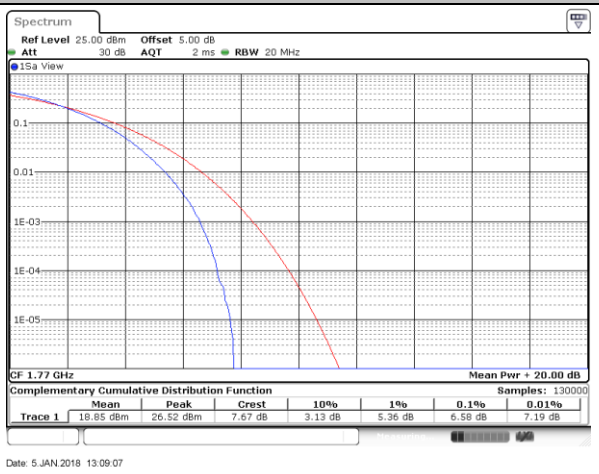
Middle Channel / Full RB



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	1.318	1.290	3.003	3.063	4.935	4.885	9.89	9.79	14.446	14.565	20.14	20.26
Middle CH	1.290	1.295	3.015	3.027	4.825	4.945	9.95	9.83	14.476	14.505	20.22	20.18
Highest CH	1.267	1.287	3.003	3.009	4.945	5.025	9.65	9.83	14.356	14.416	20.18	20.02
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.295	3.003	4.995	9.71	14.535	20.22						
Middle CH	1.276	2.985	4.865	9.89	14.416	20.18						
Highest CH	1.273	3.039	4.965	9.83	14.296	20.30						

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	1.278	1.292	3.033	2.973	4.975	4.885	9.87	9.81	14.446	14.625	20.14	20.46
Middle CH	1.287	1.290	3.027	3.003	4.825	4.895	9.69	9.79	14.446	14.206	20.18	20.26
Highest CH	1.270	1.284	2.991	2.979	4.845	4.875	9.85	9.69	14.595	14.595	20.22	20.14
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.323	3.033	4.975	9.77	14.326	20.18						
Middle CH	1.301	3.027	4.995	9.71	14.625	20.22						
Highest CH	1.248	3.003	4.945	9.79	14.176	20.02						

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	1.276	1.278	3.039	2.949	4.975	4.915	9.91	9.63	1.281	2.979	4.955	9.75
Middle CH	1.264	1.284	2.985	3.009	4.935	4.925	9.99	9.87	1.278	2.967	4.895	10.01
Highest CH	1.276	1.264	2.949	2.997	4.925	4.965	9.73	9.83	1.290	3.003	4.875	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	4.875	4.945	9.83	9.73	14.565	14.356	20.18	20.30	4.975	9.67	14.446	20.10
Middle CH	4.855	4.945	9.81	9.85	14.326	14.535	20.46	20.18	5.005	9.83	14.326	20.18
Highest CH	4.875	4.985	9.77	9.79	14.236	14.476	20.26	20.30	4.905	9.85	14.266	20.619

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	1.278	1.248	2.991	2.979	4.915	4.815	9.69	9.75	1.250	2.991	4.915	10.05
Middle CH	1.298	1.248	2.979	3.045	4.935	4.905	9.83	9.73	1.270	3.033	4.945	9.73
Highest CH	1.270	1.278	2.997	3.009	4.915	4.915	9.69	9.79	1.284	3.021	4.825	9.75

Mode	LTE Band 13 : 26dB BW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.845	4.955	-	-	4.905	-						
Middle CH	4.835	4.875	9.77	9.91	5.005	9.81						
Highest CH	4.985	4.905	-	-	4.855	-						

Mode	LTE Band 17 : 26dB BW(MHz)											
BW	5MHz		10MHz		5MHz	10MHz						
Mod.	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM						
Lowest CH	4.895	4.905	9.97	9.73	4.855	9.81						
Middle CH	4.925	4.915	9.81	10.01	5.005	9.89						
Highest CH	4.905	4.915	9.93	9.89	4.915	9.83						

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	1.298	1.309	3.045	2.985	4.945	4.965	9.95	9.75	14.595	14.505	20.10	20.46
Middle CH	1.292	1.273	3.027	3.027	4.915	4.935	9.83	9.87	14.446	14.655	20.10	20.22
Highest CH	1.320	1.301	3.033	3.063	4.895	4.915	9.71	9.81	14.655	14.236	20.18	20.14
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.276	3.039	4.875	9.93	14.715	20.06						
Middle CH	1.301	2.961	4.935	9.81	14.206	20.18						
Highest CH	1.270	3.045	4.965	9.93	14.476	20.14						

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	1.284	1.276	3.033	3.003	4.905	4.945	9.73	9.79	14.505	14.266	14.446	14.356
Middle CH	1.281	1.242	3.015	3.033	4.945	4.945	9.95	9.83	14.535	14.236	-	-
Highest CH	1.273	1.276	3.021	3.021	4.995	4.945	9.71	9.81	14.715	14.356	-	-
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	CH26765						
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM						
Lowest CH	1.292	3.027	4.975	9.79	14.655	14.146						
Middle CH	1.281	3.015	4.885	9.79	14.715	-						
Highest CH	1.281	2.991	4.915	9.89	14.326	-						

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	4.825	4.825	9.83	9.81	14.176	14.535	20.34	20.14	4.935	9.91	14.206	20.34
Middle CH	4.955	4.765	9.81	9.81	14.446	14.296	20.02	20.34	4.915	9.77	14.356	20.30
Highest CH	4.855	4.905	9.85	9.89	14.176	14.356	20.14	20.06	4.865	9.71	14.416	20.26

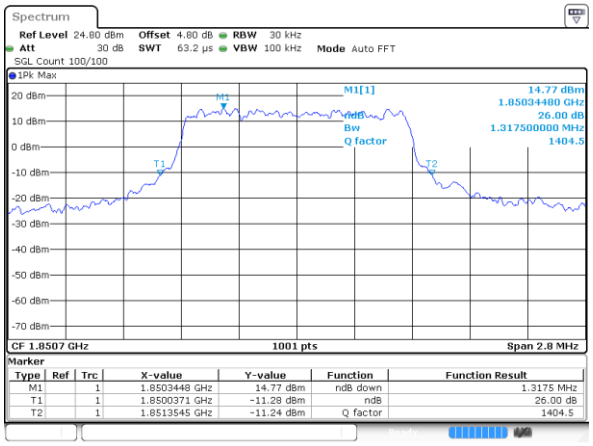
Mode	LTE Band 41 : 26dB BW(MHz)											
BW	5MHz		10MHz		15MHz		20MHz		5MHz	10MHz	15MHz	20MHz
Mod.	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	QPSK	16QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	4.795	4.905	9.83	9.69	14.296	14.446	20.10	20.30	4.945	9.67	14.386	20.34
Middle CH	4.935	4.815	9.87	9.69	14.386	14.565	20.10	20.22	4.855	9.89	14.266	20.14
Highest CH	4.895	4.895	9.89	9.69	14.326	14.326	20.22	20.22	4.975	9.67	14.416	19.98

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	1.267	1.315	3.003	3.009	4.965	4.965	9.75	9.91	14.625	14.416	20.14	20.02
Middle CH	1.292	1.276	3.009	2.979	4.895	4.995	9.79	9.83	14.505	14.386	20.42	20.14
Highest CH	1.262	1.250	3.027	3.003	4.985	4.905	10.01	9.85	14.356	14.416	20.22	20.14

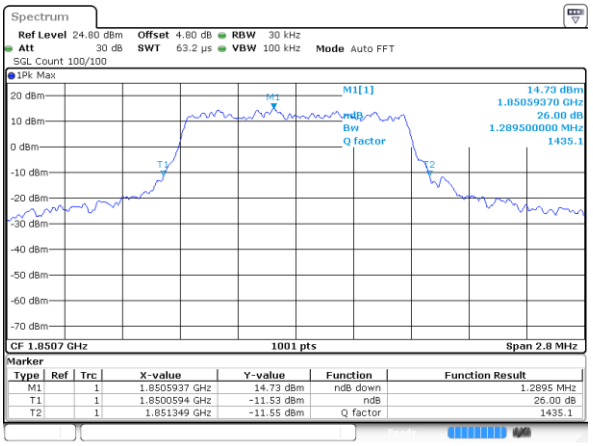
BW	1.4MHz	3MHz	5MHz	10MHz	15MHz	20MHz
Mod.	64QAM	64QAM	64QAM	64QAM	64QAM	64QAM
Lowest CH	1.304	3.009	4.955	9.81	14.296	20.18
Middle CH	1.278	3.015	4.985	9.89	14.386	20.22
Highest CH	1.281	3.021	4.915	9.97	14.146	20.10

LTE Band 2

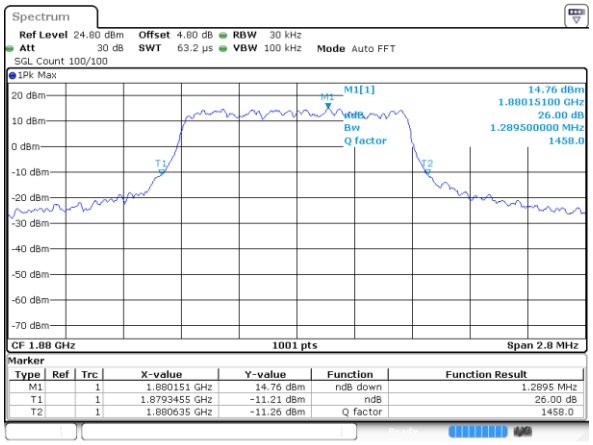
Lowest Channel / 1.4MHz / QPSK



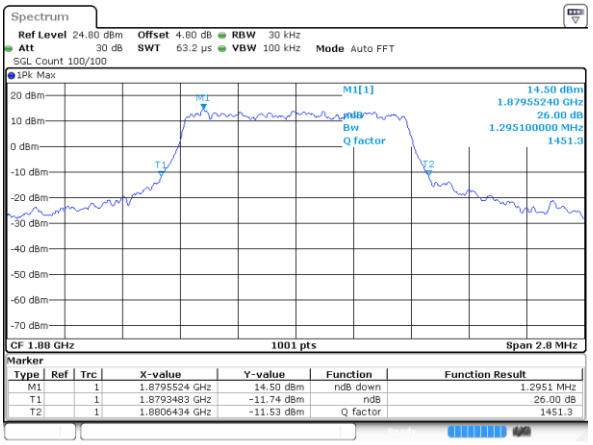
Lowest Channel / 1.4MHz / 16QAM



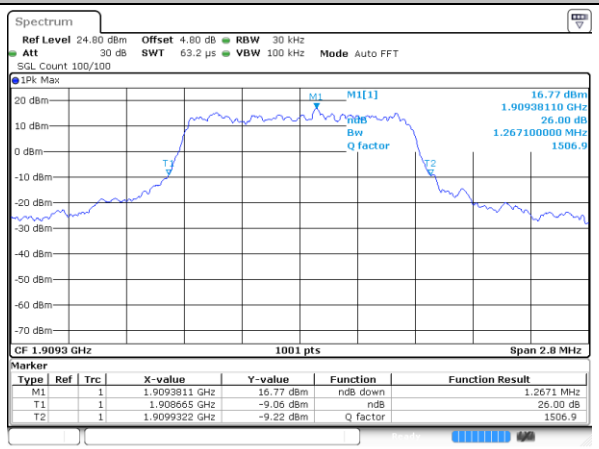
Middle Channel / 1.4MHz / QPSK



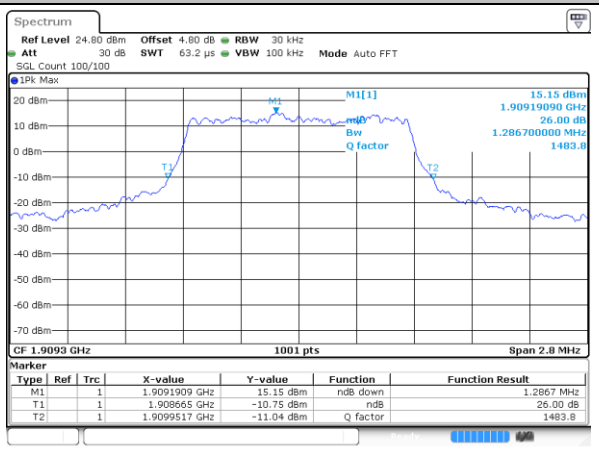
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

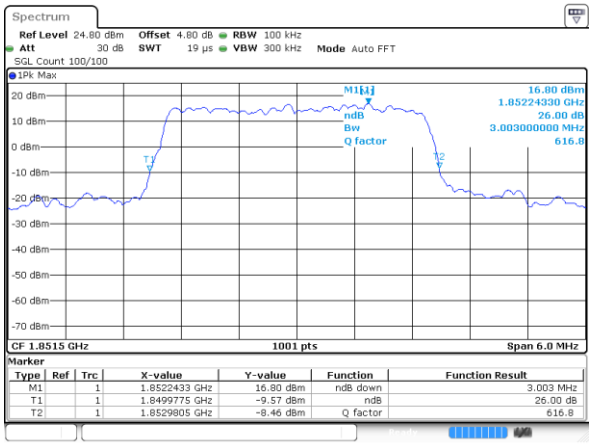


Highest Channel / 1.4MHz / 16QAM

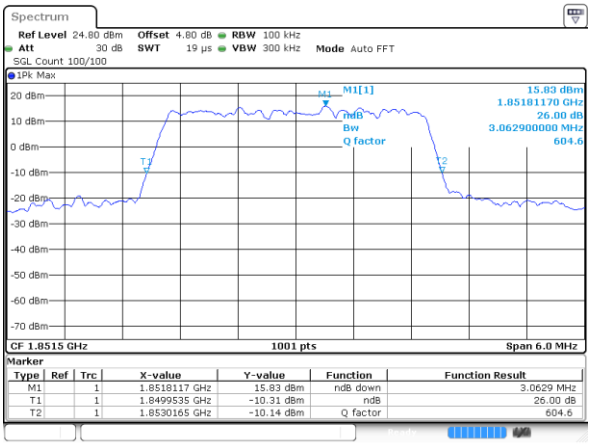


LTE Band 2

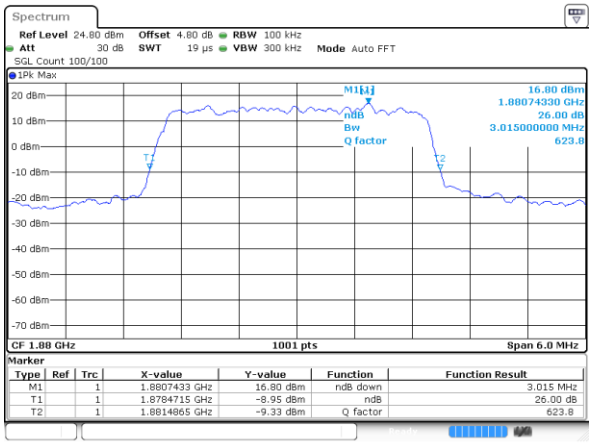
Lowest Channel / 3MHz / QPSK



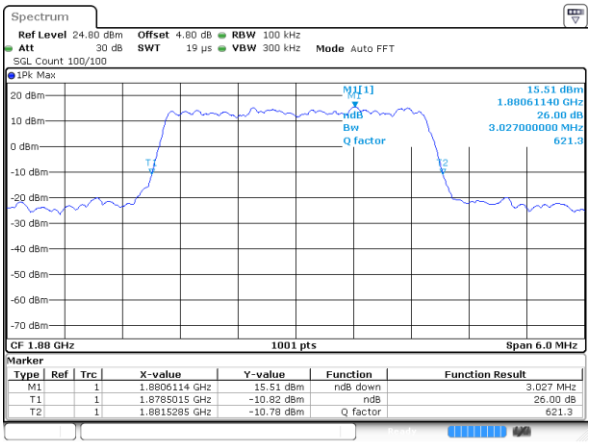
Lowest Channel / 3MHz / 16QAM



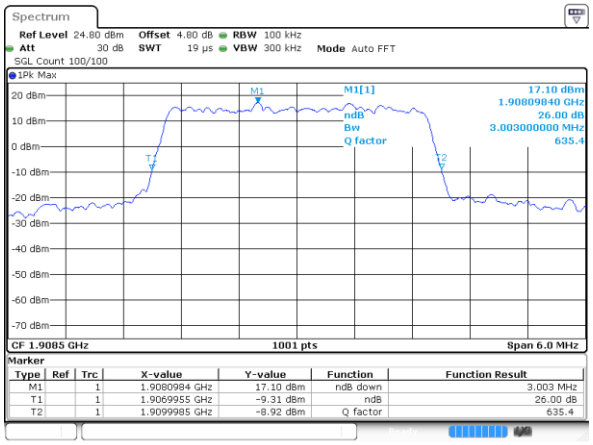
Middle Channel / 3MHz / QPSK



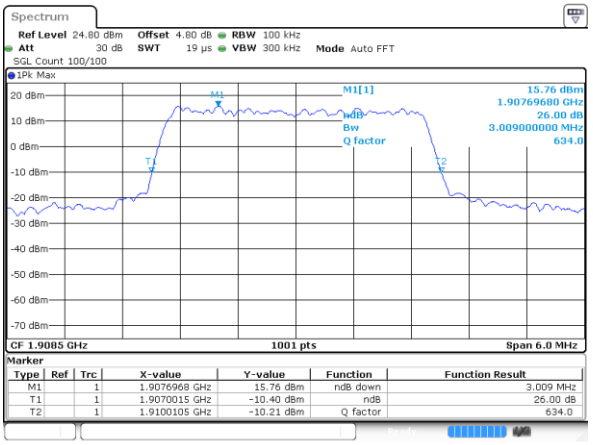
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

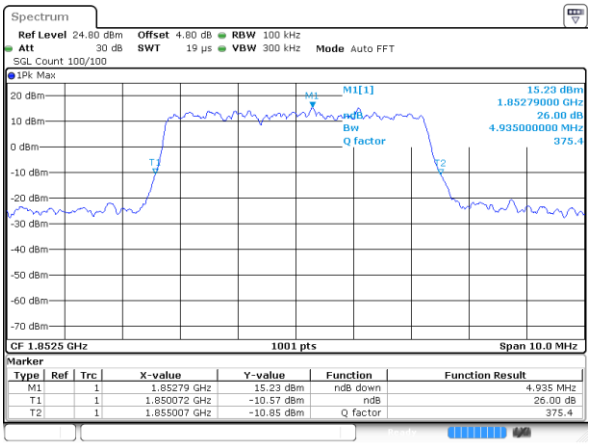


Highest Channel /3MHz / 16QAM

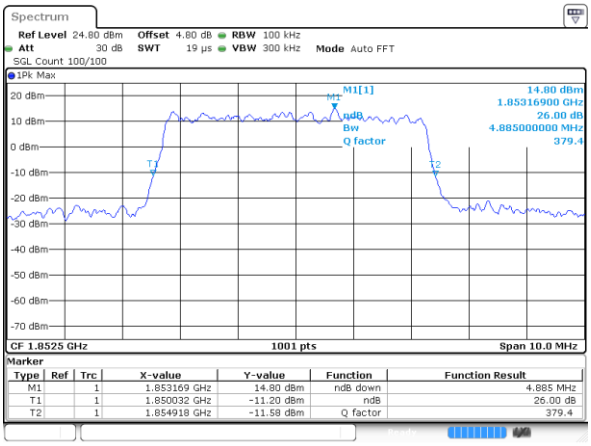


LTE Band 2

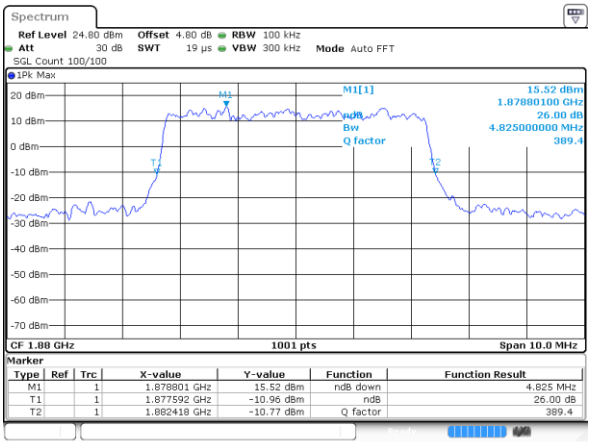
Lowest Channel / 5MHz / QPSK



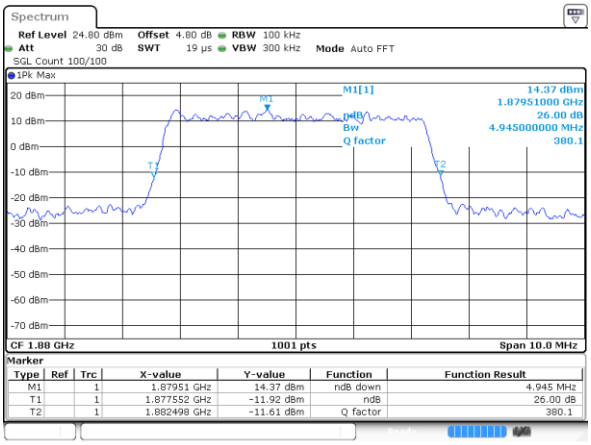
Lowest Channel / 5MHz / 16QAM



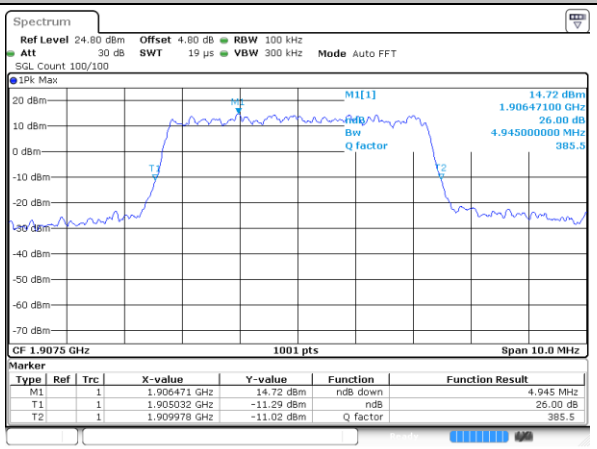
Middle Channel / 5MHz / QPSK



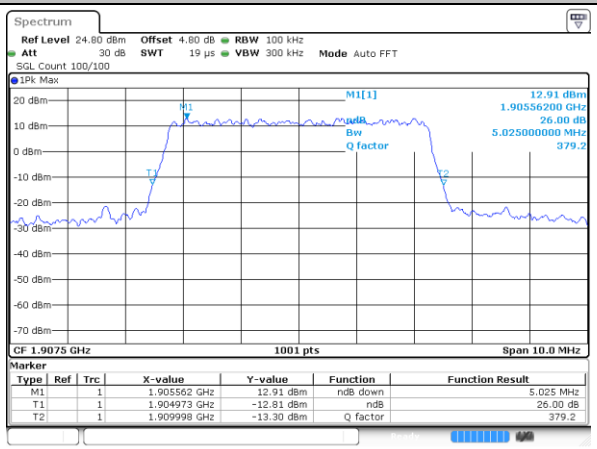
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

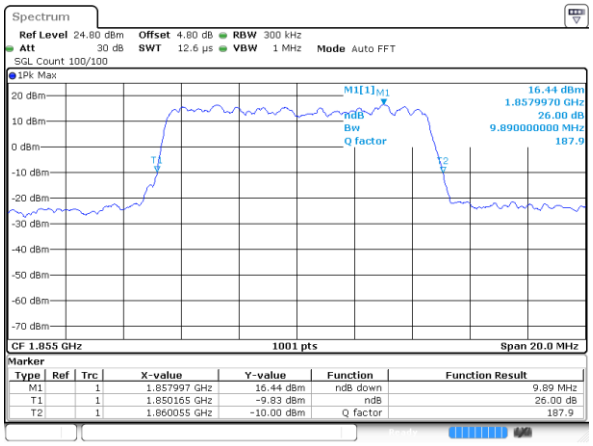


Highest Channel / 5MHz / 16QAM

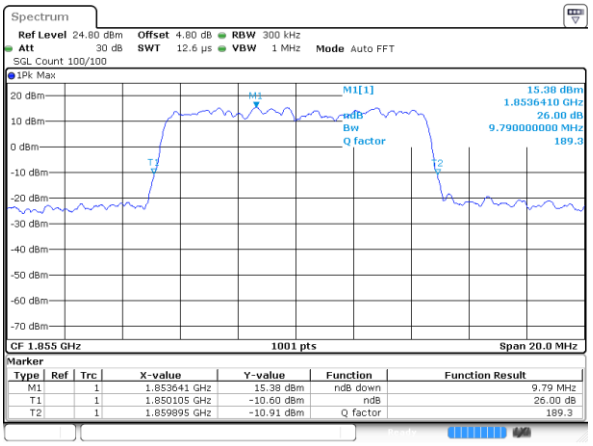


LTE Band 2

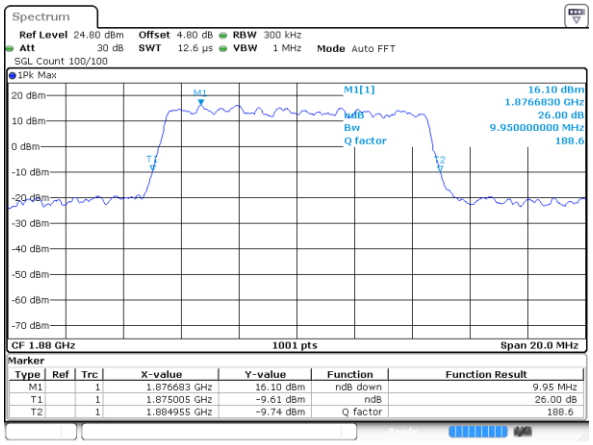
Lowest Channel / 10MHz / QPSK



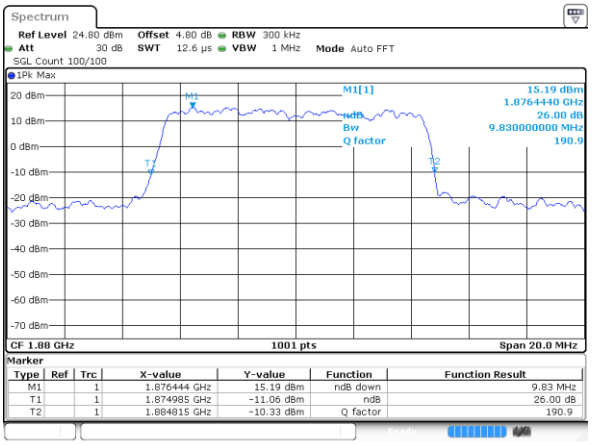
Lowest Channel / 10MHz / 16QAM



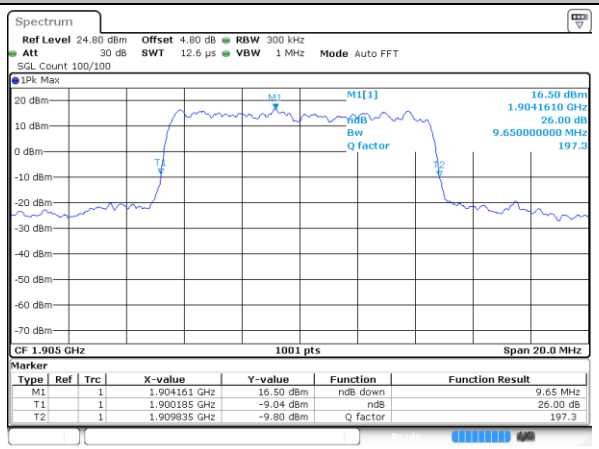
Middle Channel / 10MHz / QPSK



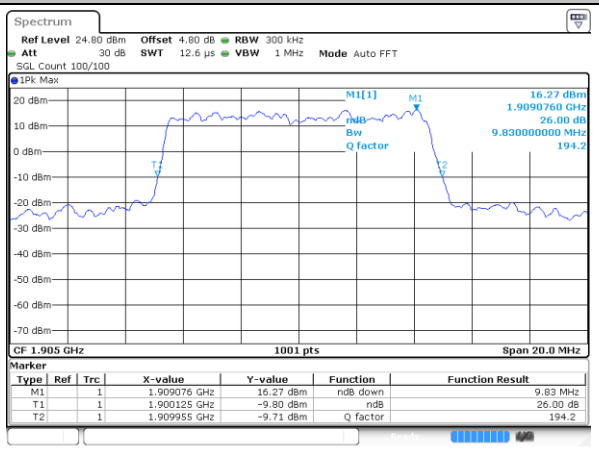
Middle Channel / 10MHz / 16QAM



Highest Channel / 10MHz / QPSK

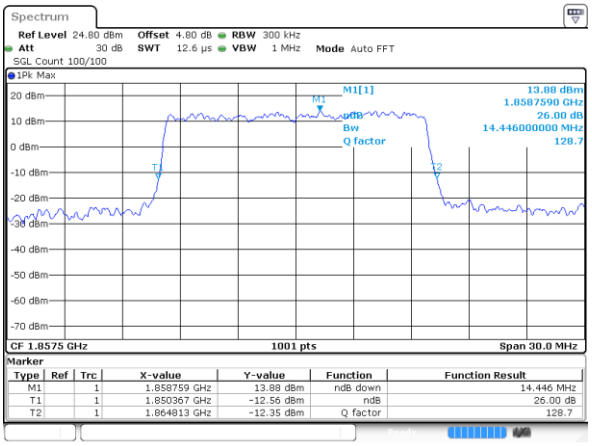


Highest Channel / 10MHz / 16QAM

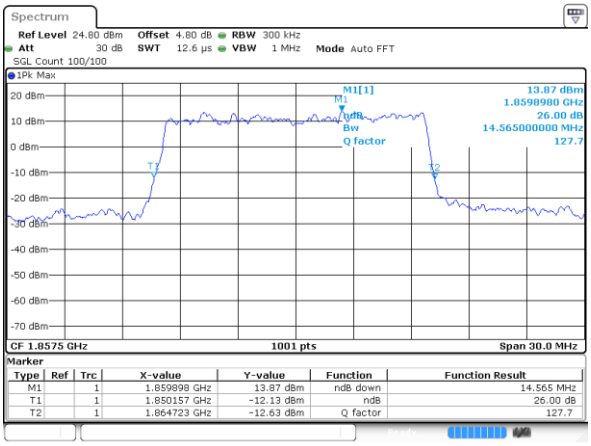


LTE Band 2

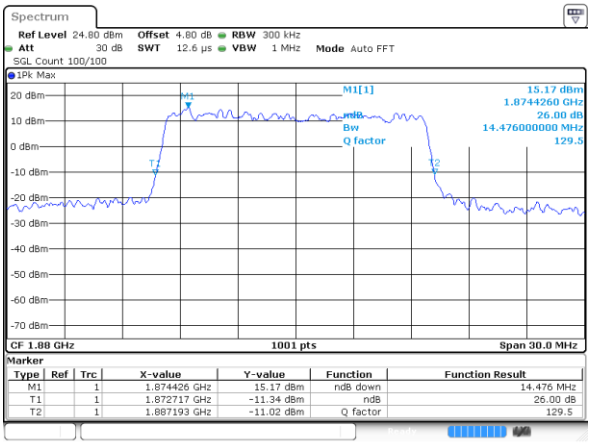
Lowest Channel / 15MHz / QPSK



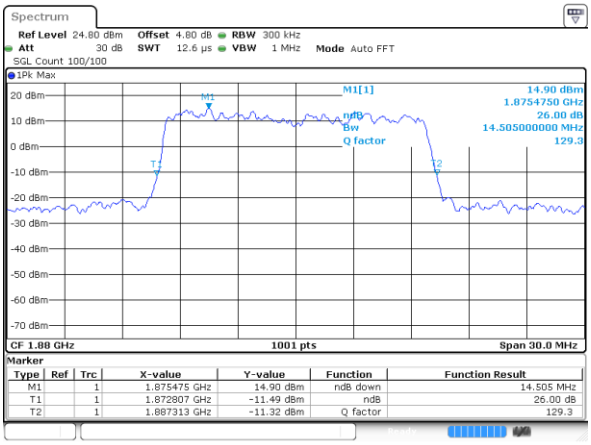
Lowest Channel / 15MHz / 16QAM



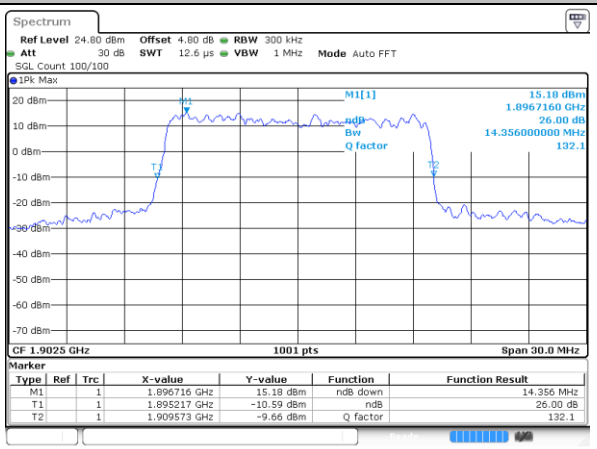
Middle Channel / 15MHz / QPSK



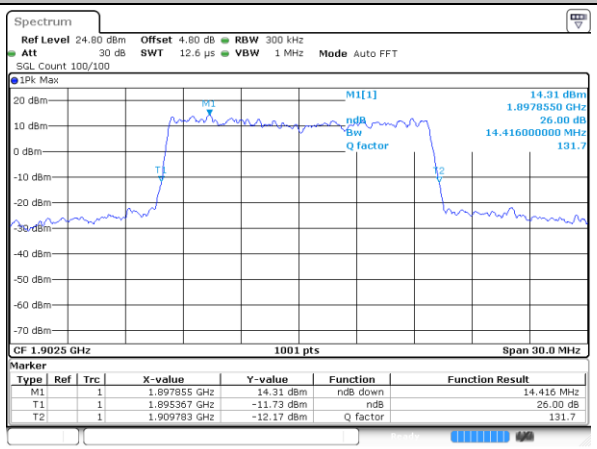
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

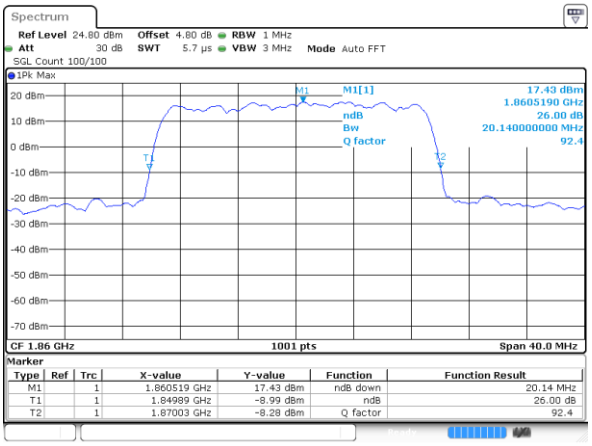


Highest Channel / 15MHz / 16QAM

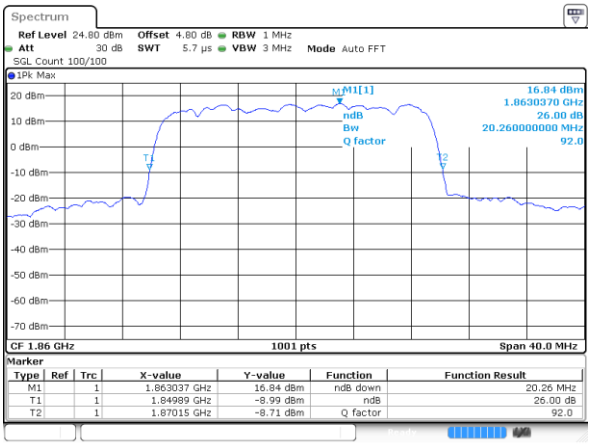


LTE Band 2

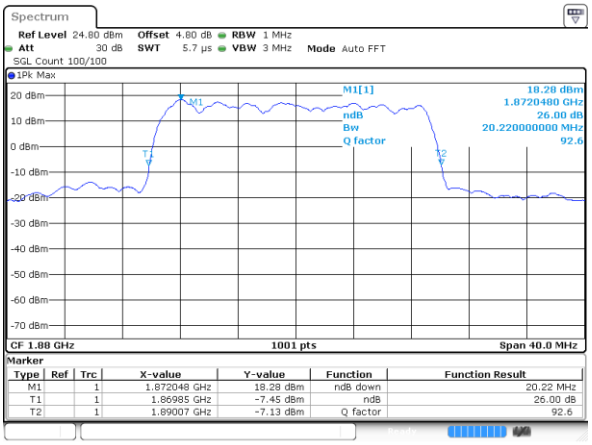
Lowest Channel / 20MHz / QPSK



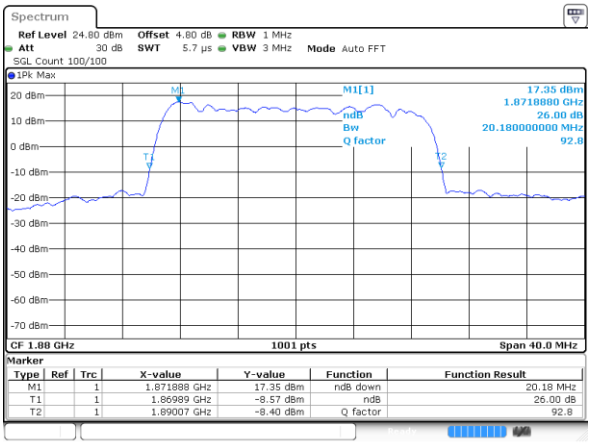
Lowest Channel / 20MHz / 16QAM



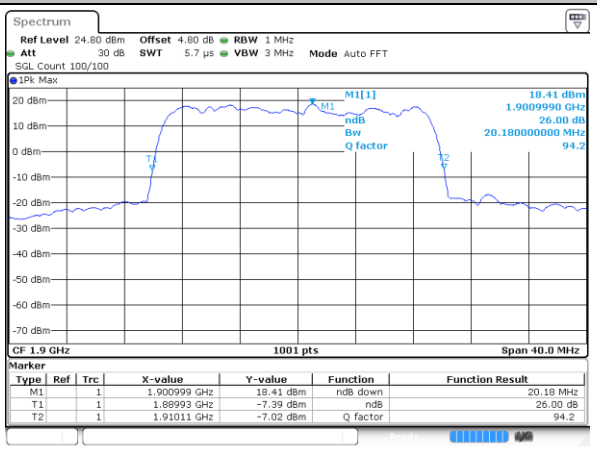
Middle Channel / 20MHz / QPSK



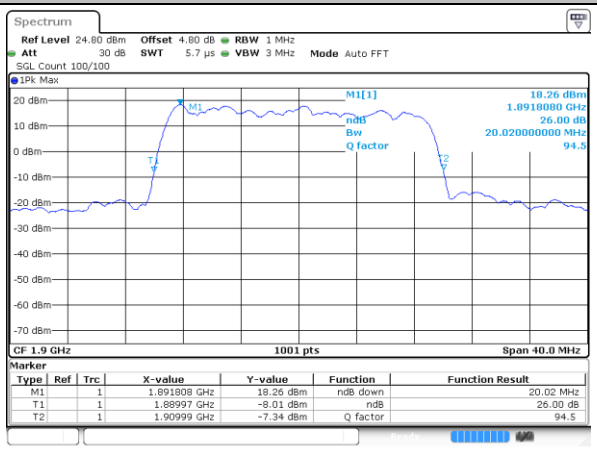
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

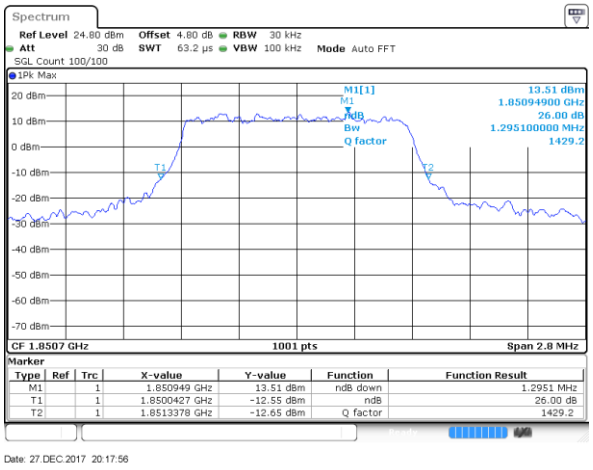


Highest Channel / 20MHz / 16QAM

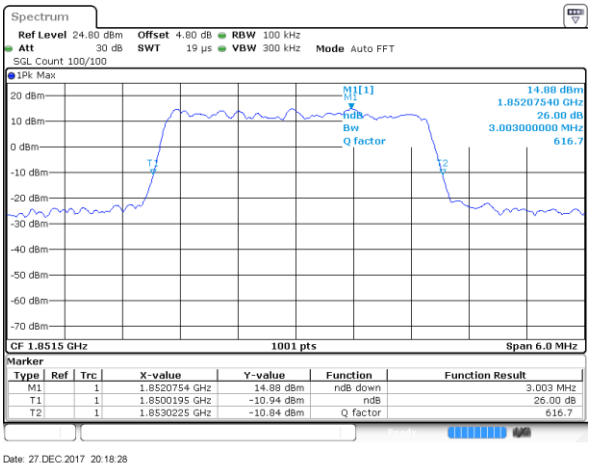


LTE Band 2

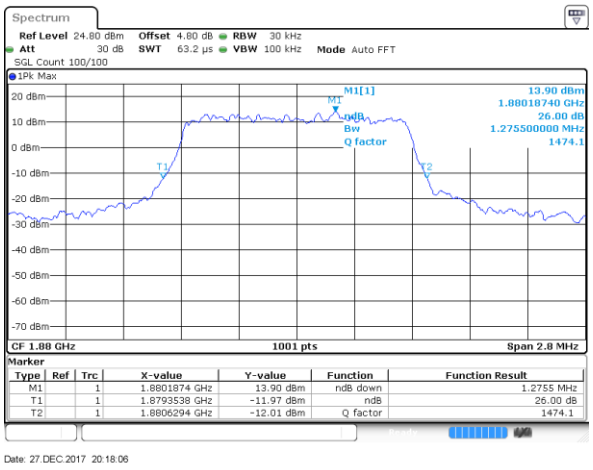
Lowest Channel / 1.4MHz / 64QAM



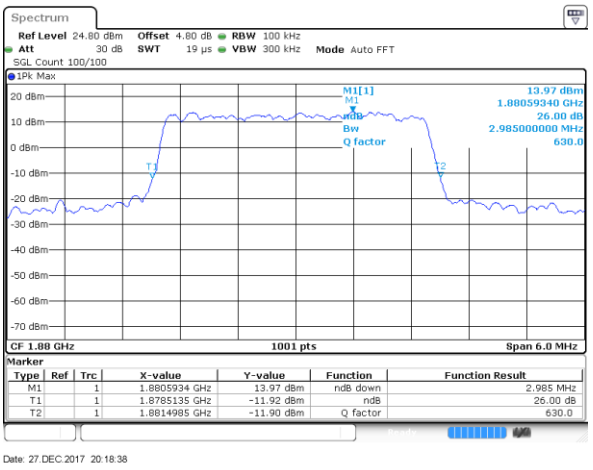
Lowest Channel / 3MHz / 64QAM



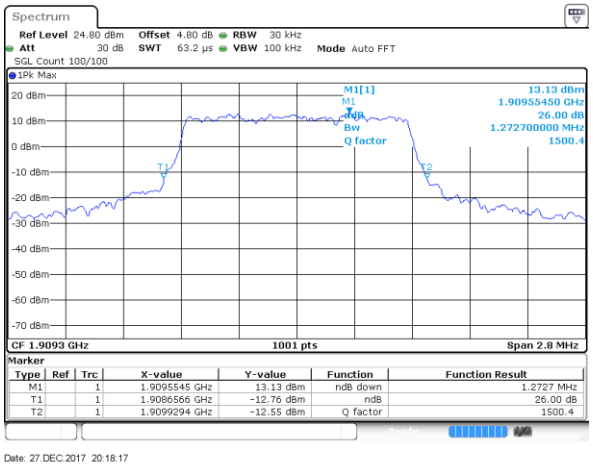
Middle Channel / 1.4MHz / 64QAM



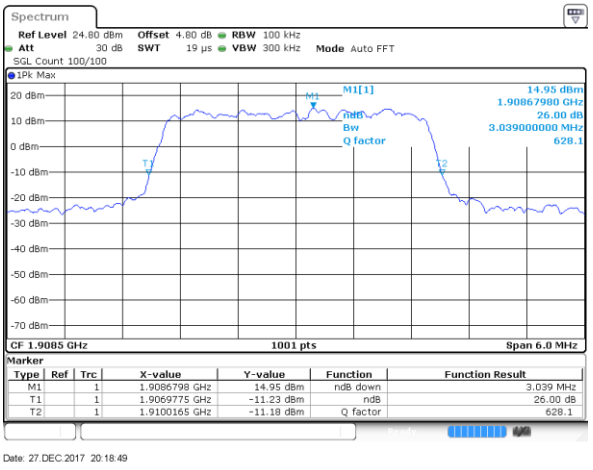
Middle Channel /3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM

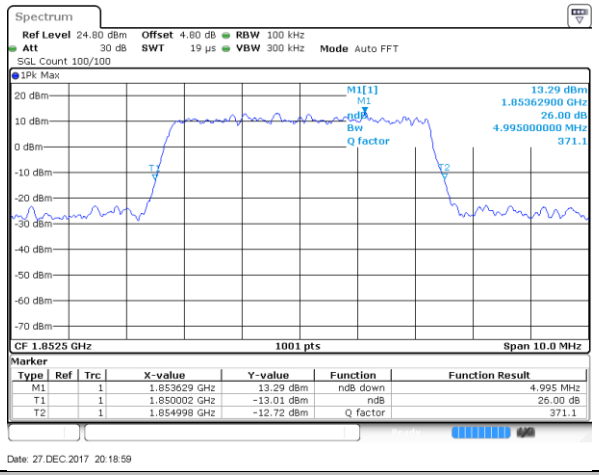


Highest Channel /3MHz / 64QAM

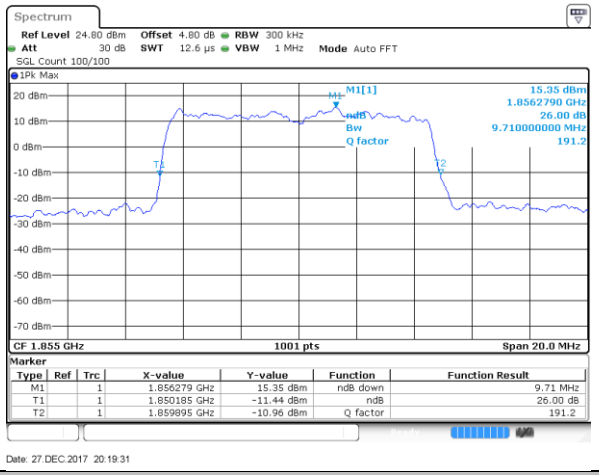


LTE Band 2

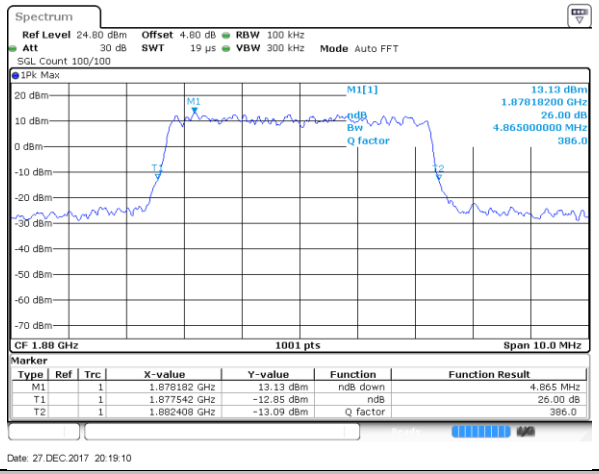
Lowest Channel / 5MHz / 64QAM



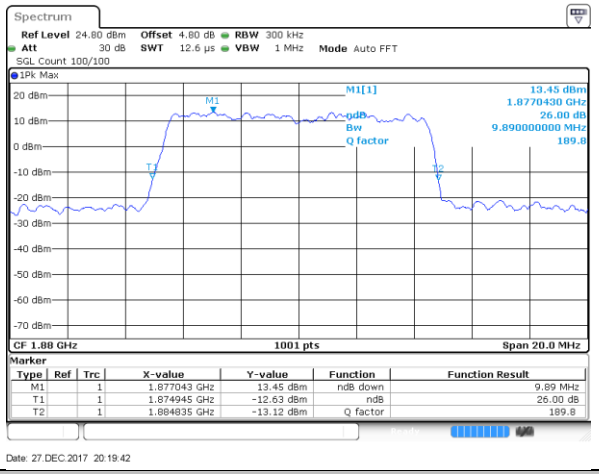
Lowest Channel / 10MHz / 64QAM



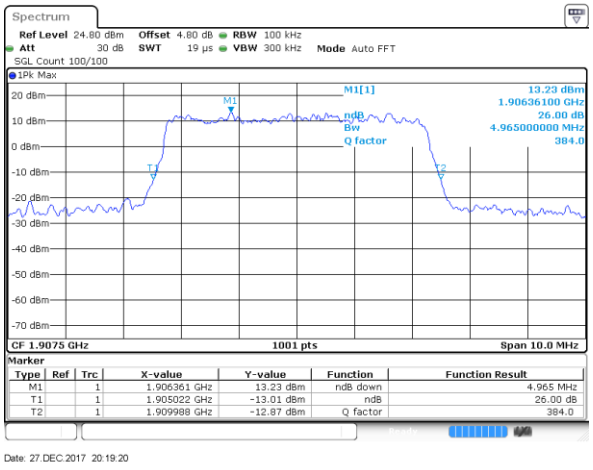
Middle Channel / 5MHz / 64QAM



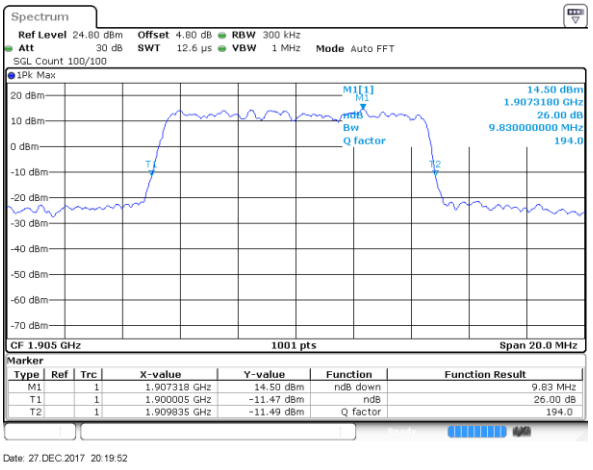
Middle Channel / 10MHz / 64QAM



Highest Channel / 5MHz / 64QAM

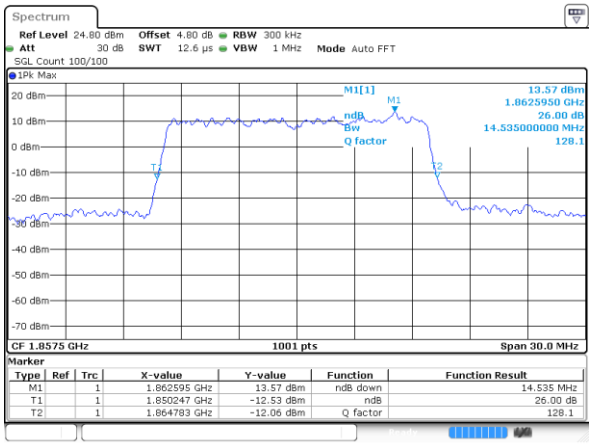


Highest Channel / 10MHz / 64QAM

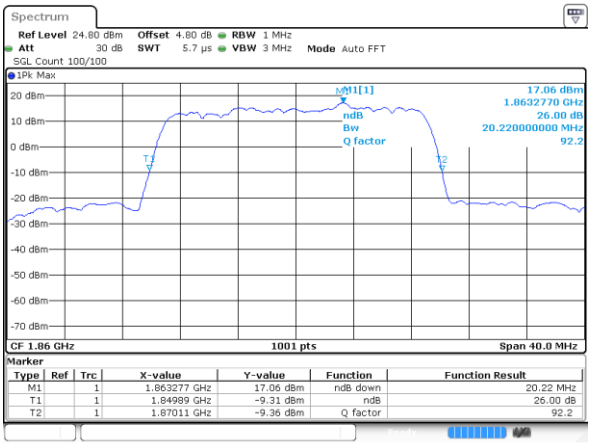


LTE Band 2

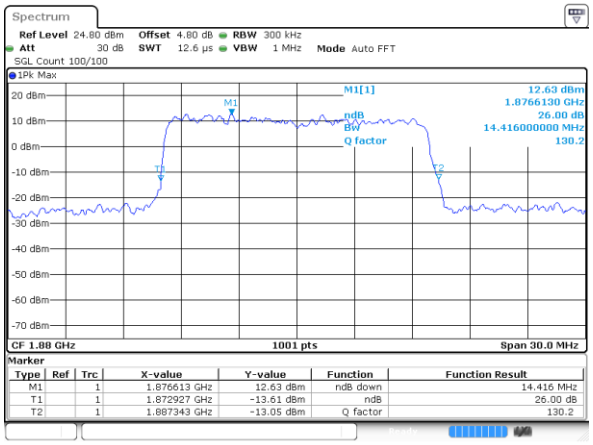
Lowest Channel / 15MHz / 64QAM



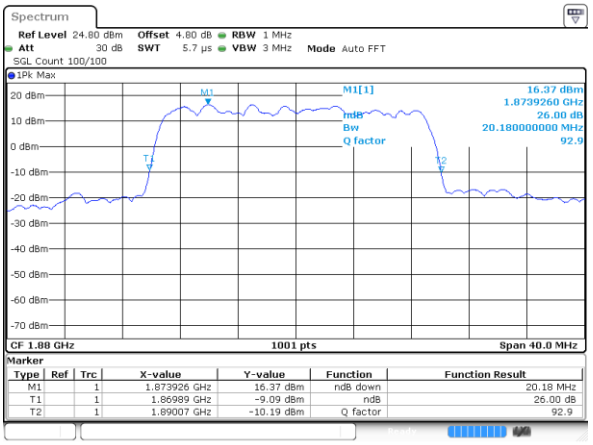
Lowest Channel / 20MHz / 64QAM



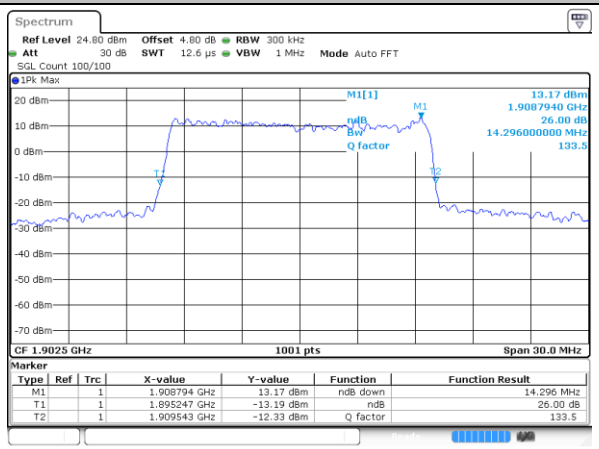
Middle Channel / 15MHz / 64QAM



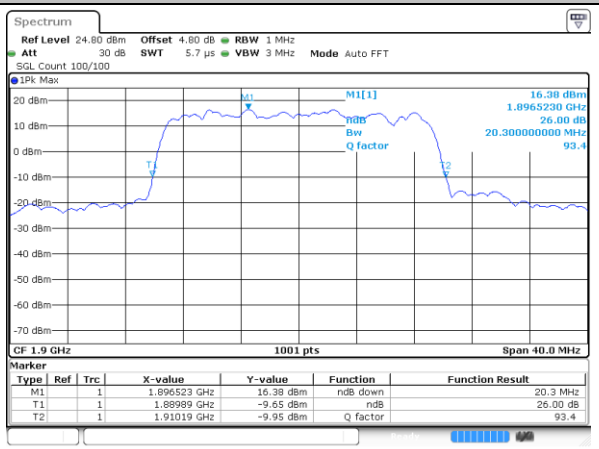
Middle Channel / 20MHz / 64QAM



Highest Channel / 15MHz / 64QAM

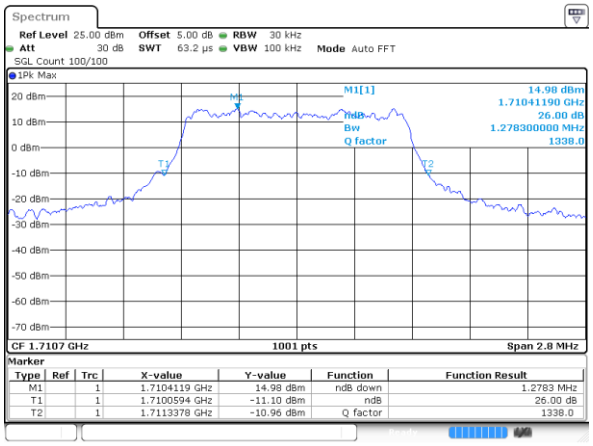


Highest Channel / 20MHz / 64QAM

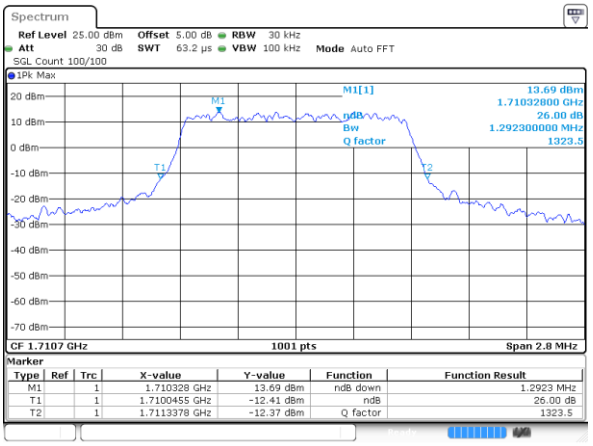


LTE Band 4

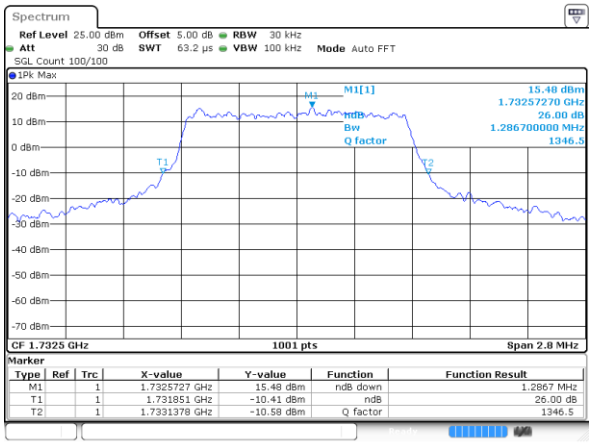
Lowest Channel / 1.4MHz / QPSK



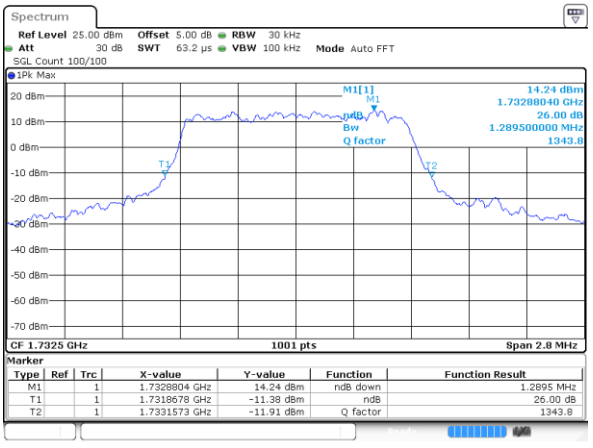
Lowest Channel / 1.4MHz / 16QAM



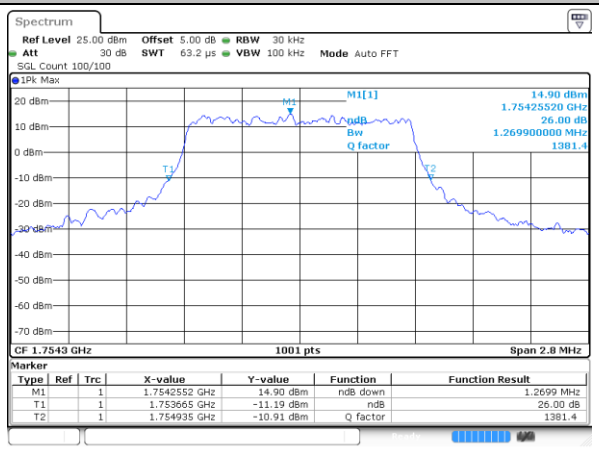
Middle Channel / 1.4MHz / QPSK



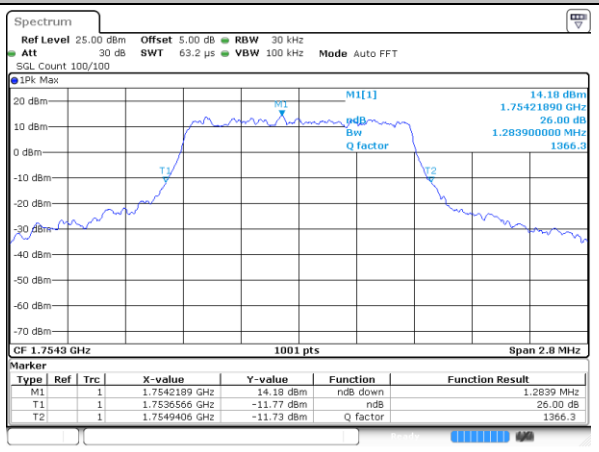
Middle Channel / 1.4MHz / 16QAM



Highest Channel / 1.4MHz / QPSK

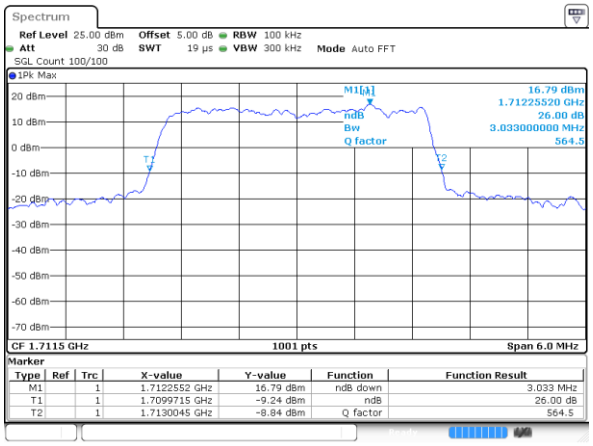


Highest Channel / 1.4MHz / 16QAM

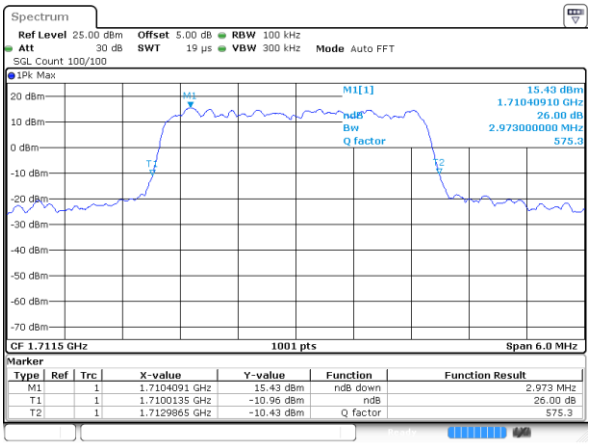


LTE Band 4

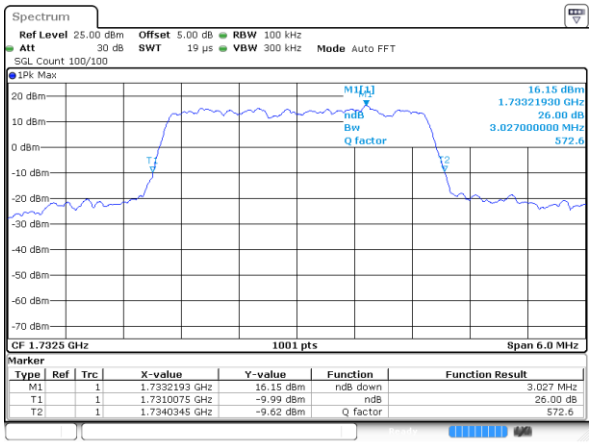
Lowest Channel / 3MHz / QPSK



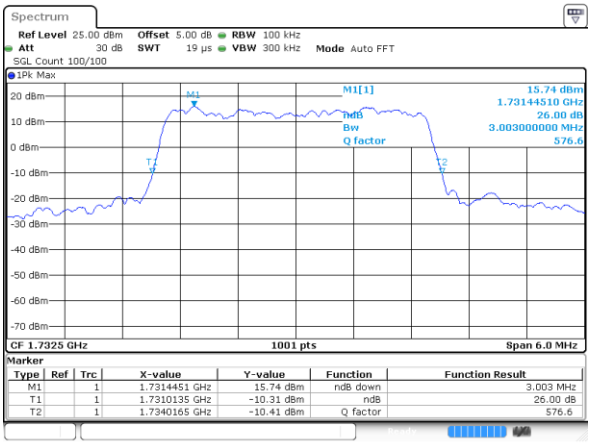
Lowest Channel / 3MHz / 16QAM



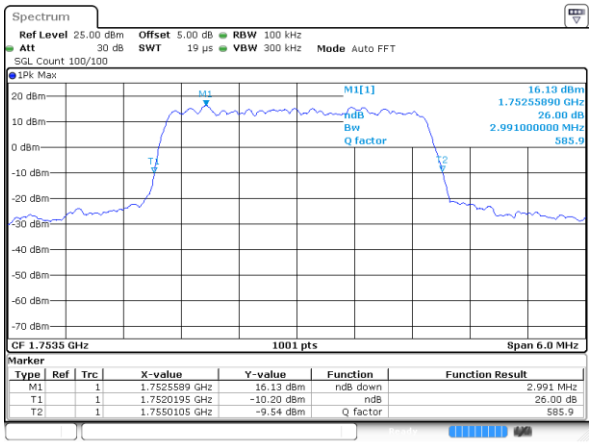
Middle Channel / 3MHz / QPSK



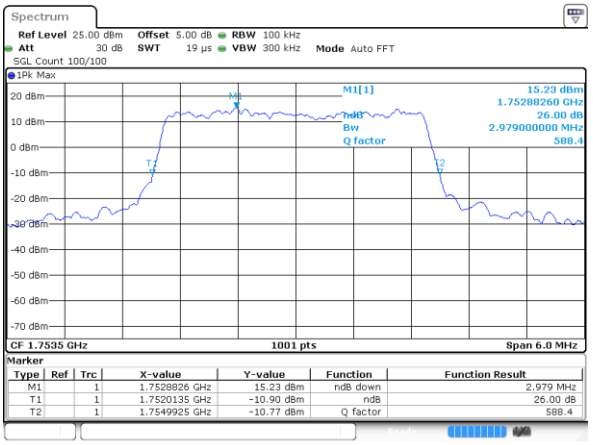
Middle Channel /3MHz / 16QAM



Highest Channel /3MHz / QPSK

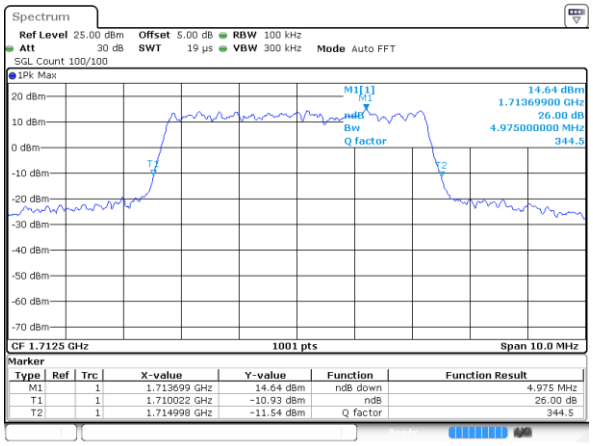


Highest Channel /3MHz / 16QAM

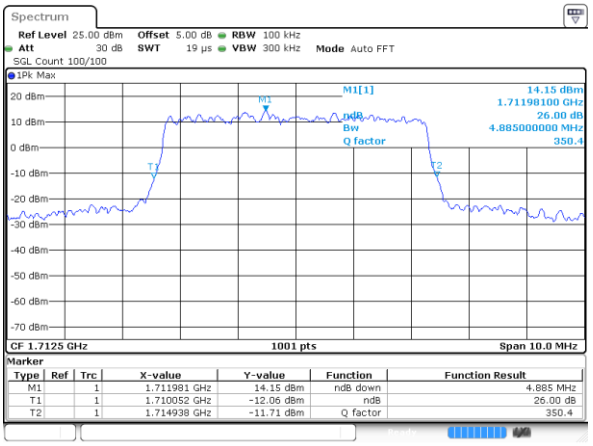


LTE Band 4

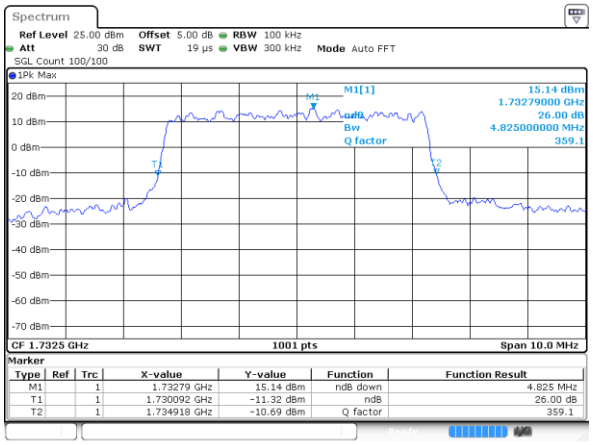
Lowest Channel / 5MHz / QPSK



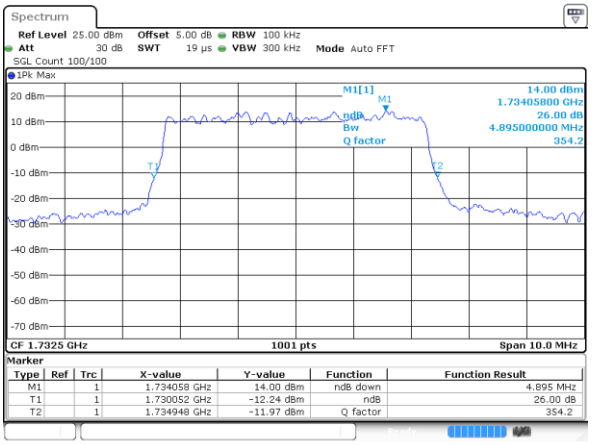
Lowest Channel / 5MHz / 16QAM



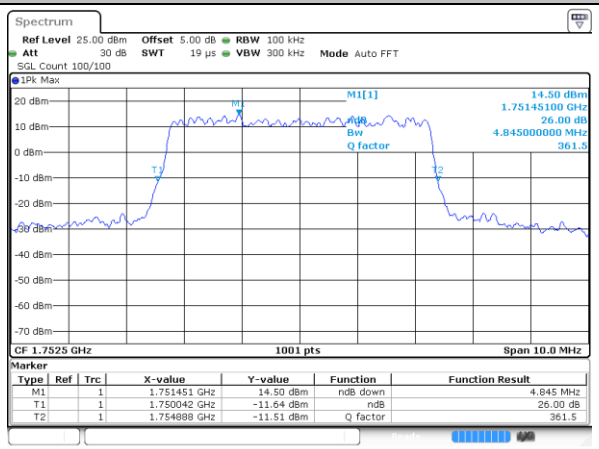
Middle Channel / 5MHz / QPSK



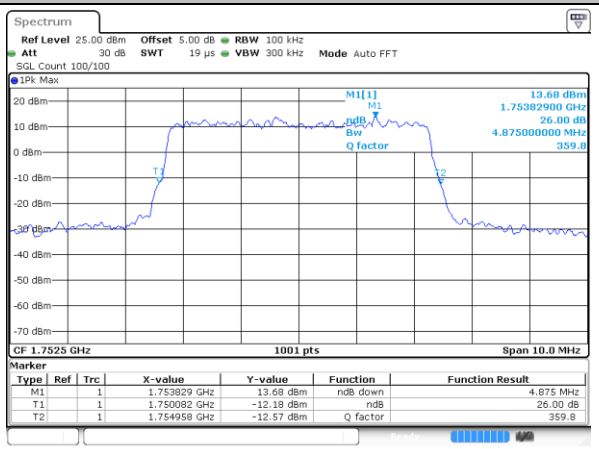
Middle Channel / 5MHz / 16QAM



Highest Channel / 5MHz / QPSK

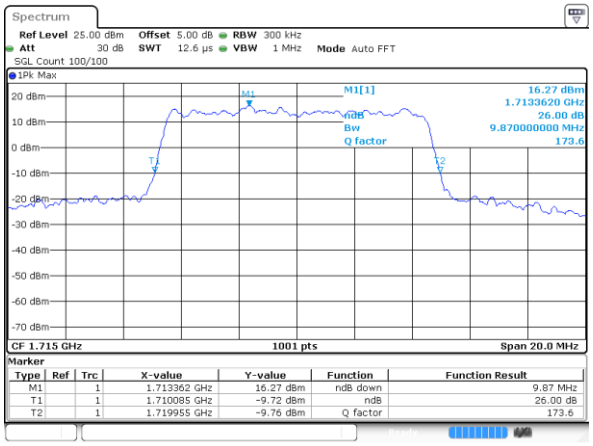


Highest Channel / 5MHz / 16QAM



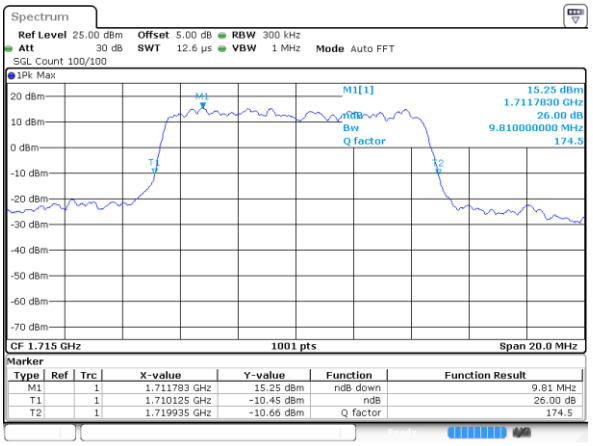
LTE Band 4

Lowest Channel / 10MHz / QPSK



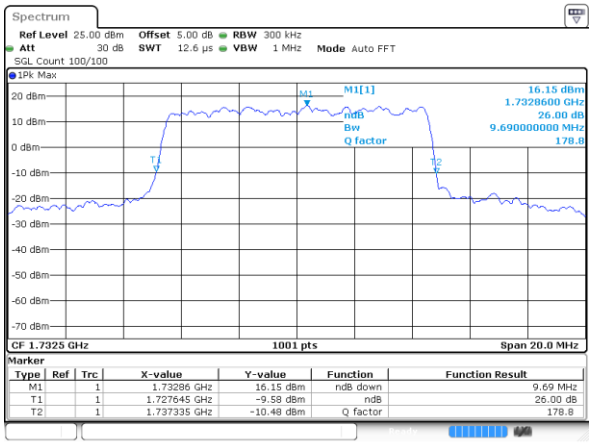
Date: 28.DEC.2017 11:57:53

Lowest Channel / 10MHz / 16QAM



Date: 28.DEC.2017 11:58:03

Middle Channel / 10MHz / QPSK



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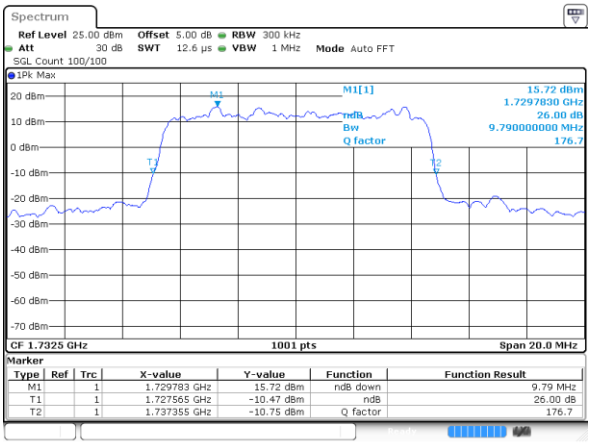
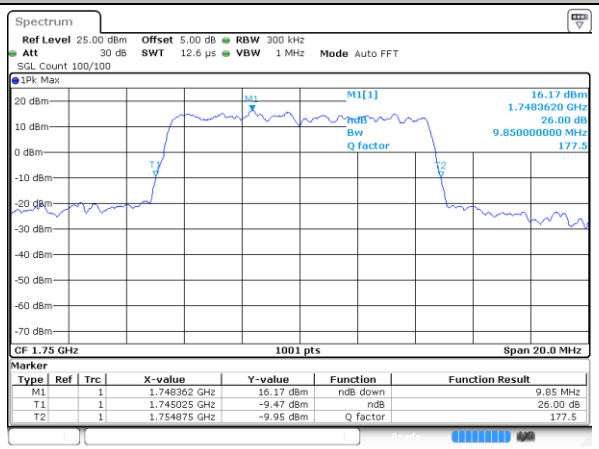
Middle Channel / 10MHz / 16QAM



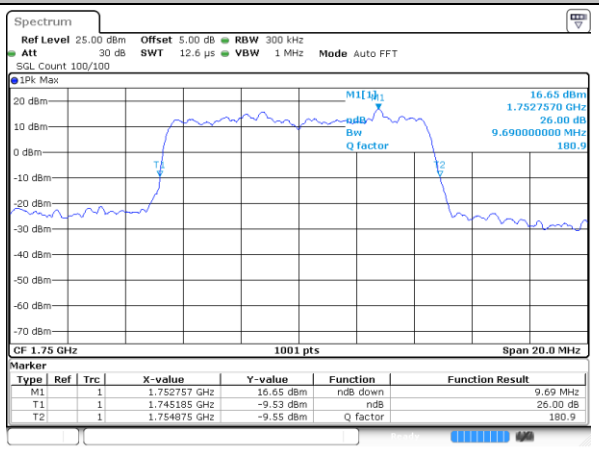
Date: 28.DEC.2017 12:05:00

Highest Channel / 10MHz / QPSK



Date: 28.DEC.2017 12:07:19

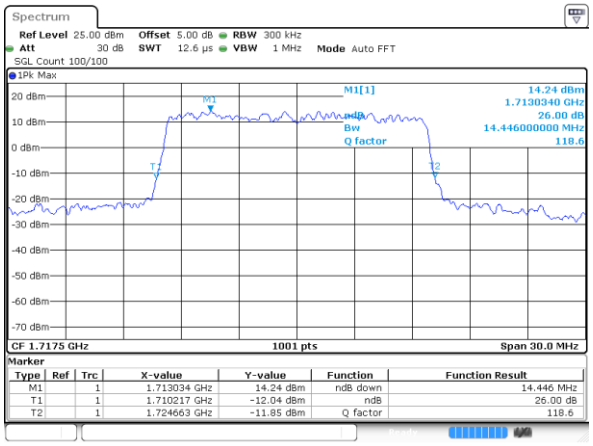
Highest Channel / 10MHz / 16QAM



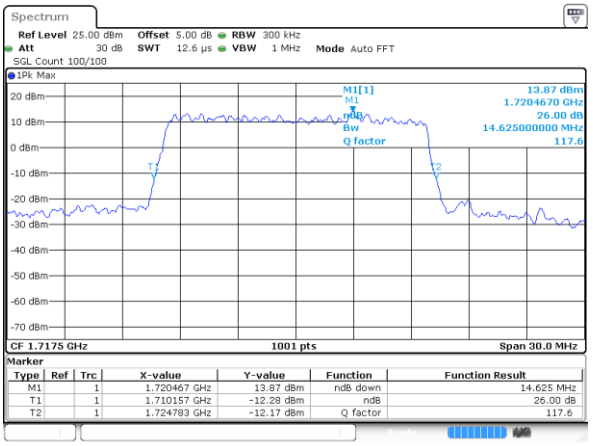
Date: 28.DEC.2017 12:07:29

LTE Band 4

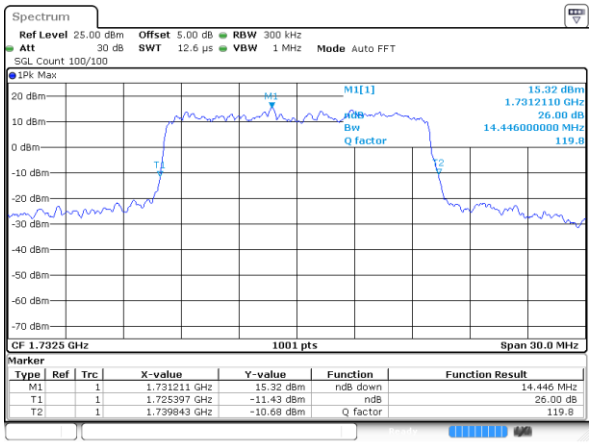
Lowest Channel / 15MHz / QPSK



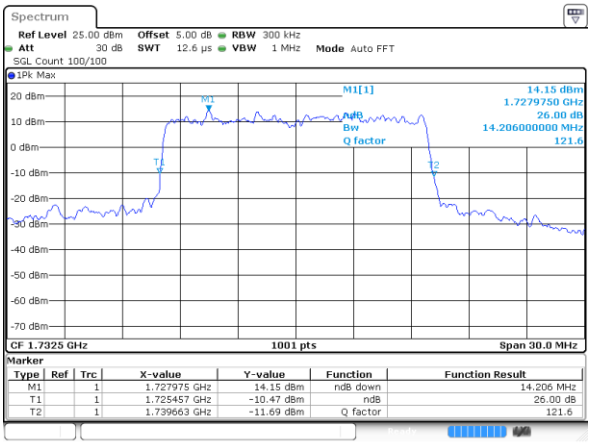
Lowest Channel / 15MHz / 16QAM



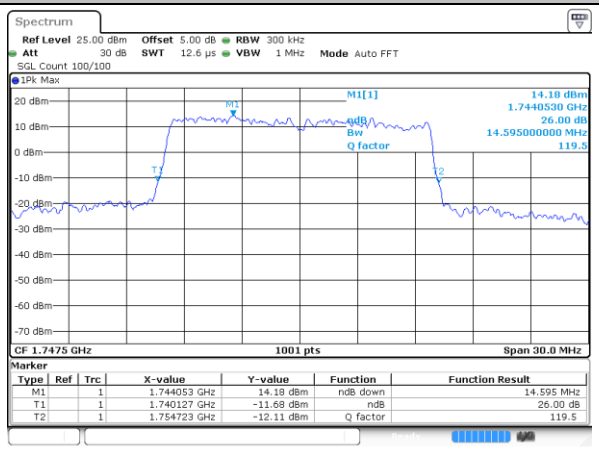
Middle Channel / 15MHz / QPSK



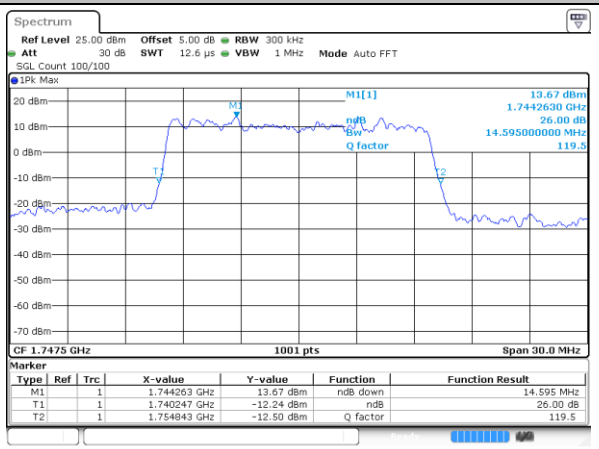
Middle Channel / 15MHz / 16QAM



Highest Channel / 15MHz / QPSK

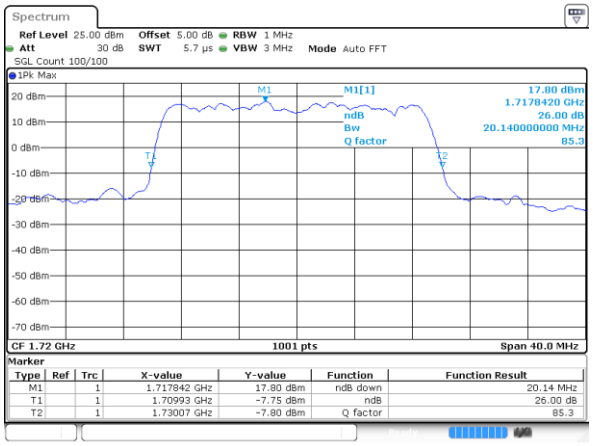


Highest Channel / 15MHz / 16QAM

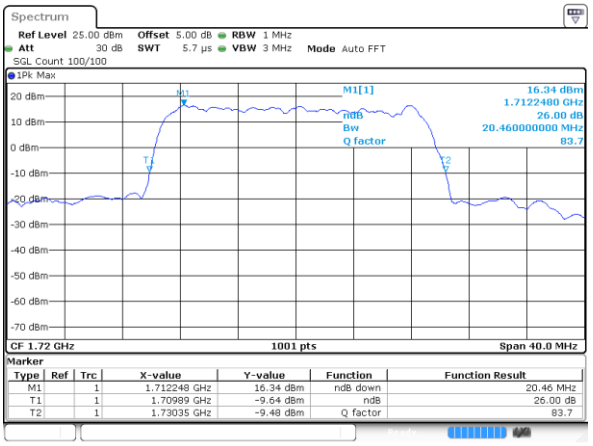


LTE Band 4

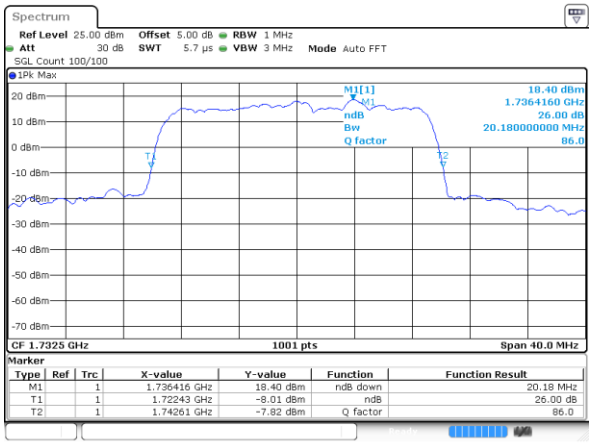
Lowest Channel / 20MHz / QPSK



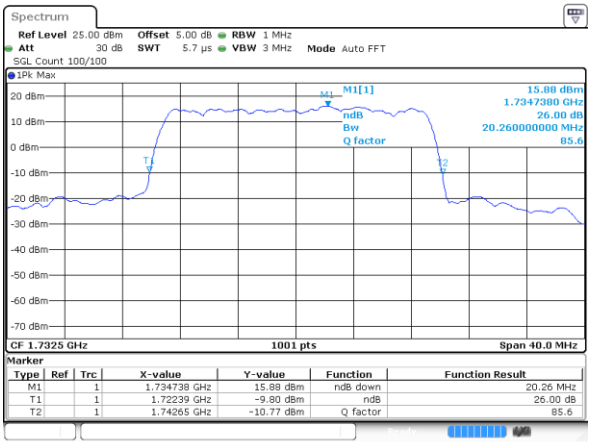
Lowest Channel / 20MHz / 16QAM



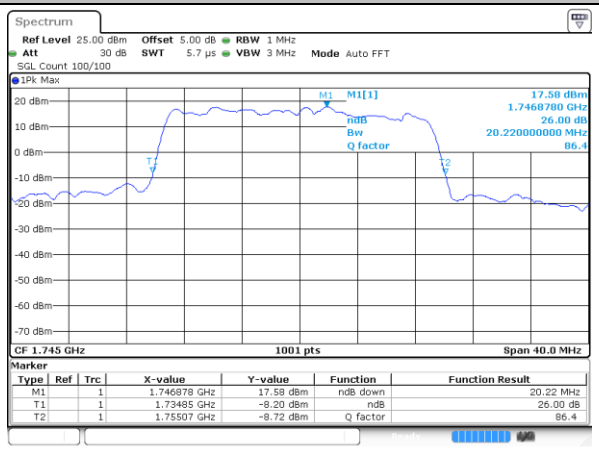
Middle Channel / 20MHz / QPSK



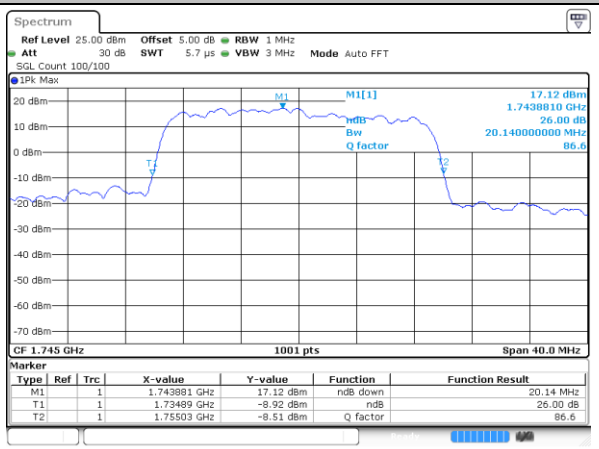
Middle Channel / 20MHz / 16QAM



Highest Channel / 20MHz / QPSK

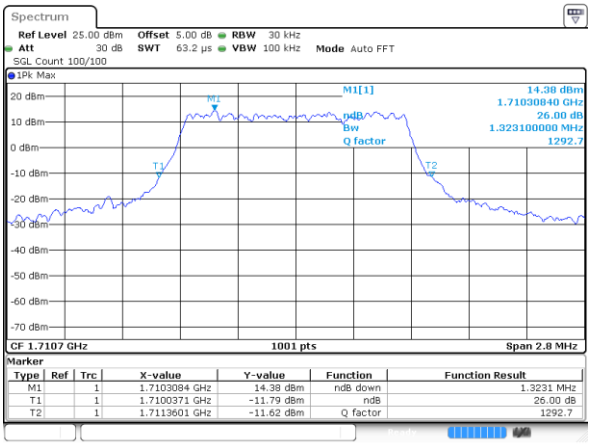


Highest Channel / 20MHz / 16QAM

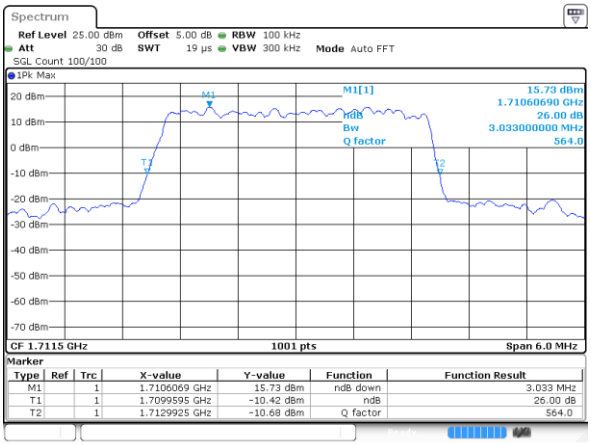


LTE Band 4

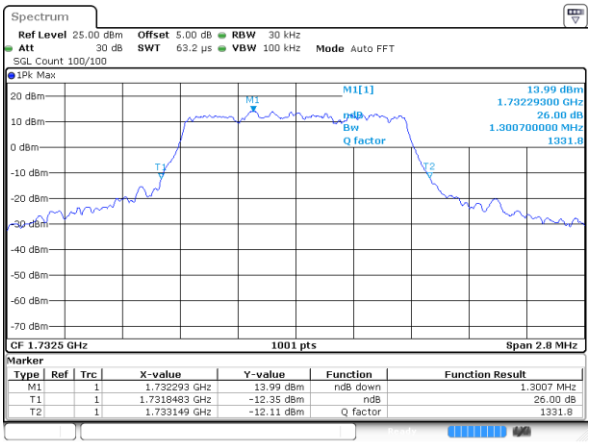
Lowest Channel / 1.4MHz / 64QAM



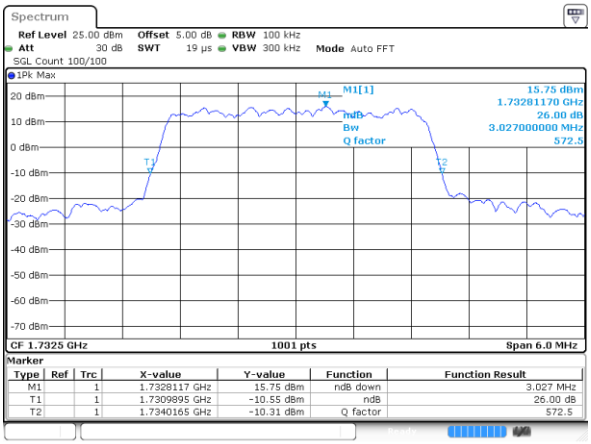
Lowest Channel / 3MHz / 64QAM



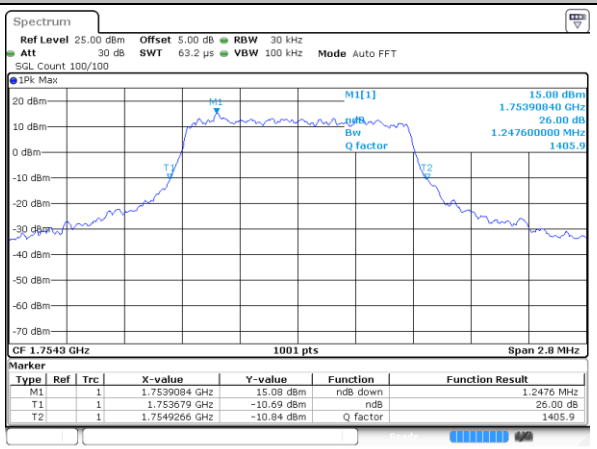
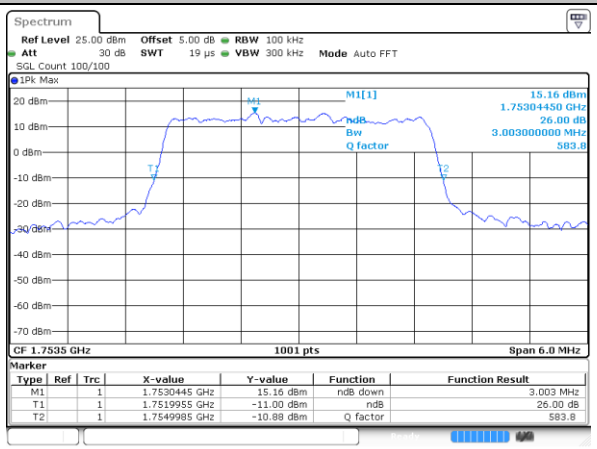
Middle Channel / 1.4MHz / 64QAM



Middle Channel / 3MHz / 64QAM



Highest Channel / 1.4MHz / 64QAM



Highest Channel / 3MHz / 64QAM