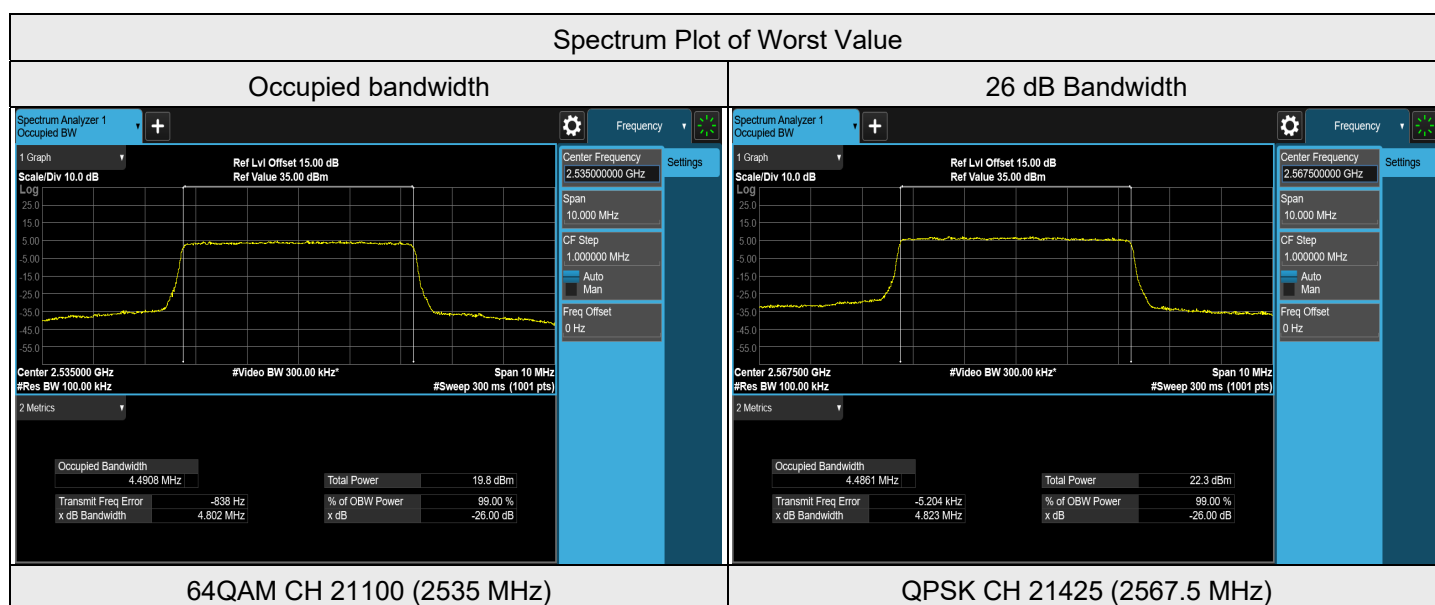


7.4.4 LTE Band 7

LTE Band 7, Channel Bandwidth: 5 MHz

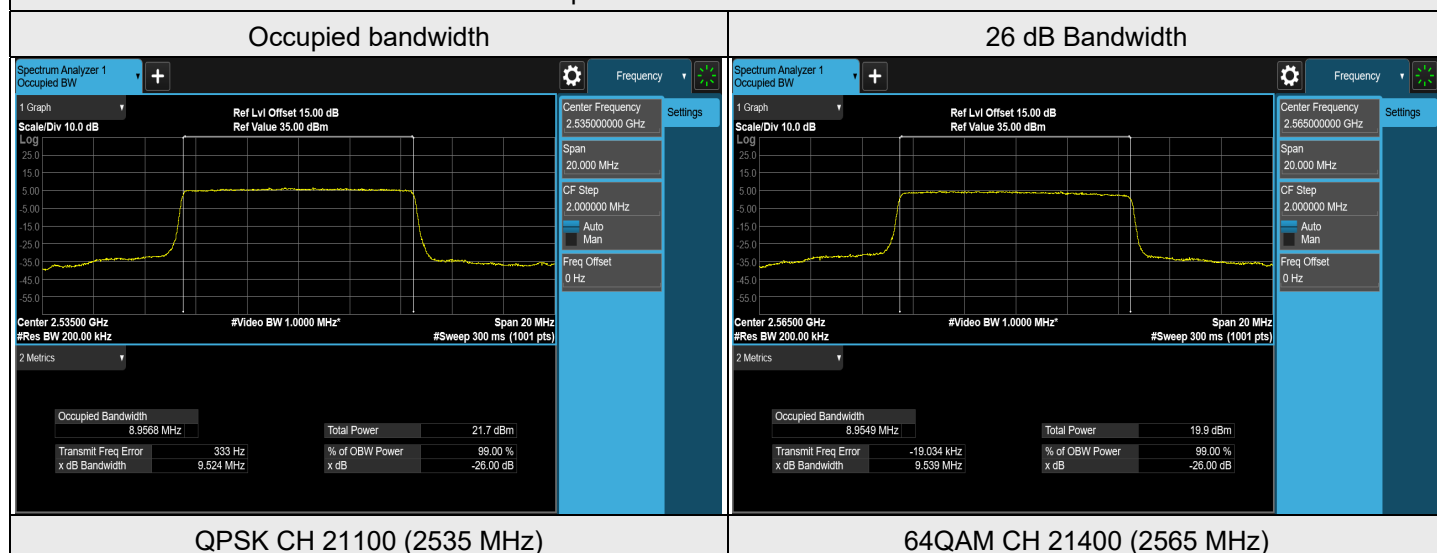
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20775	2502.5	4.4791	4.796
QPSK	21100	2535	4.4874	4.798
QPSK	21425	2567.5	4.4861	4.823
16QAM	20775	2502.5	4.4819	4.806
16QAM	21100	2535	4.4845	4.802
16QAM	21425	2567.5	4.4834	4.808
64QAM	20775	2502.5	4.4849	4.802
64QAM	21100	2535	4.4908	4.802
64QAM	21425	2567.5	4.4863	4.808



LTE Band 7, Channel Bandwidth: 10 MHz

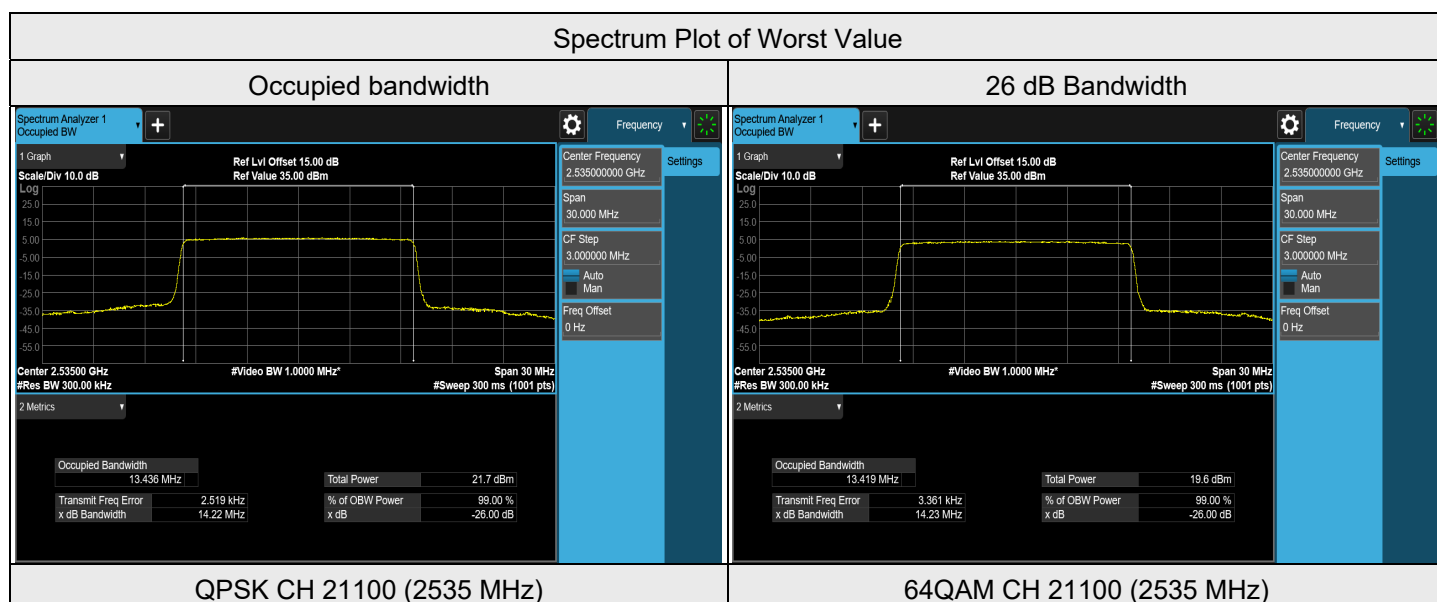
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20800	2505	8.9523	9.509
QPSK	21100	2535	8.9568	9.524
QPSK	21400	2565	8.9558	9.495
16QAM	20800	2505	8.9518	9.509
16QAM	21100	2535	8.9555	9.514
16QAM	21400	2565	8.9542	9.511
64QAM	20800	2505	8.9485	9.496
64QAM	21100	2535	8.9553	9.520
64QAM	21400	2565	8.9549	9.539

Spectrum Plot of Worst Value



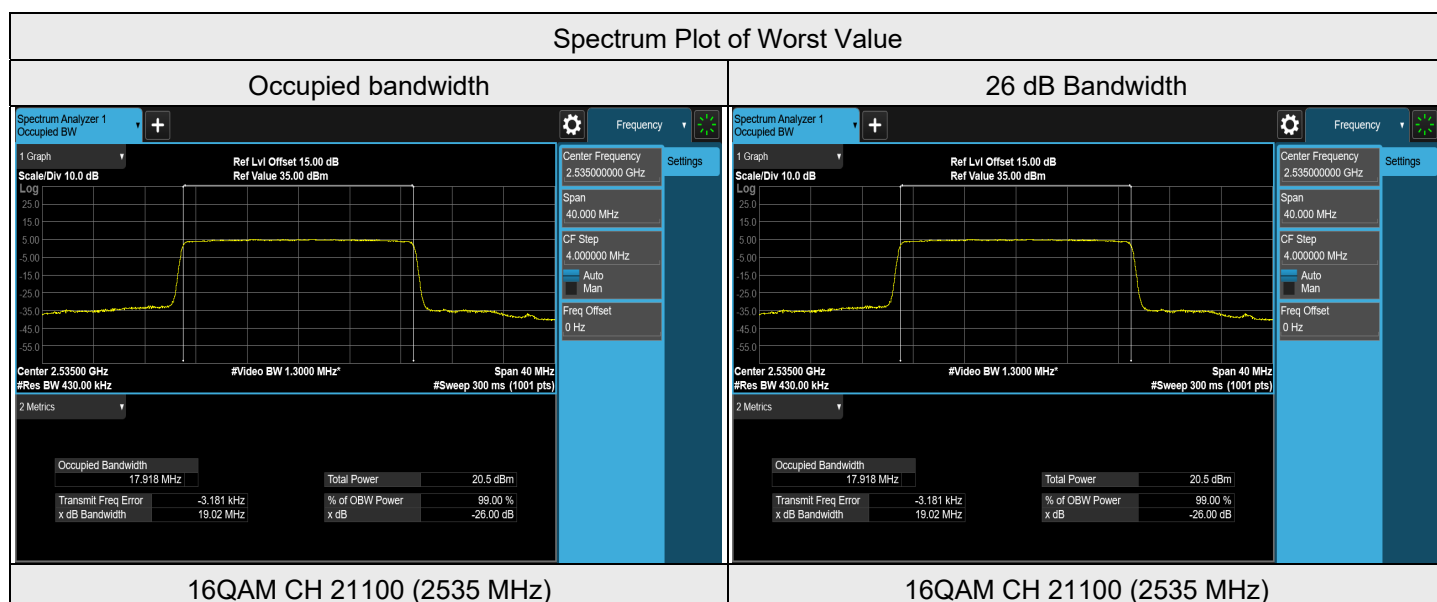
LTE Band 7, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20825	2507.5	13.4210	14.206
QPSK	21100	2535	13.4357	14.221
QPSK	21375	2562.5	13.4279	14.208
16QAM	20825	2507.5	13.4051	14.214
16QAM	21100	2535	13.4181	14.222
16QAM	21375	2562.5	13.4083	14.204
64QAM	20825	2507.5	13.3984	14.216
64QAM	21100	2535	13.4191	14.231
64QAM	21375	2562.5	13.4061	14.213



LTE Band 7, Channel Bandwidth: 20 MHz

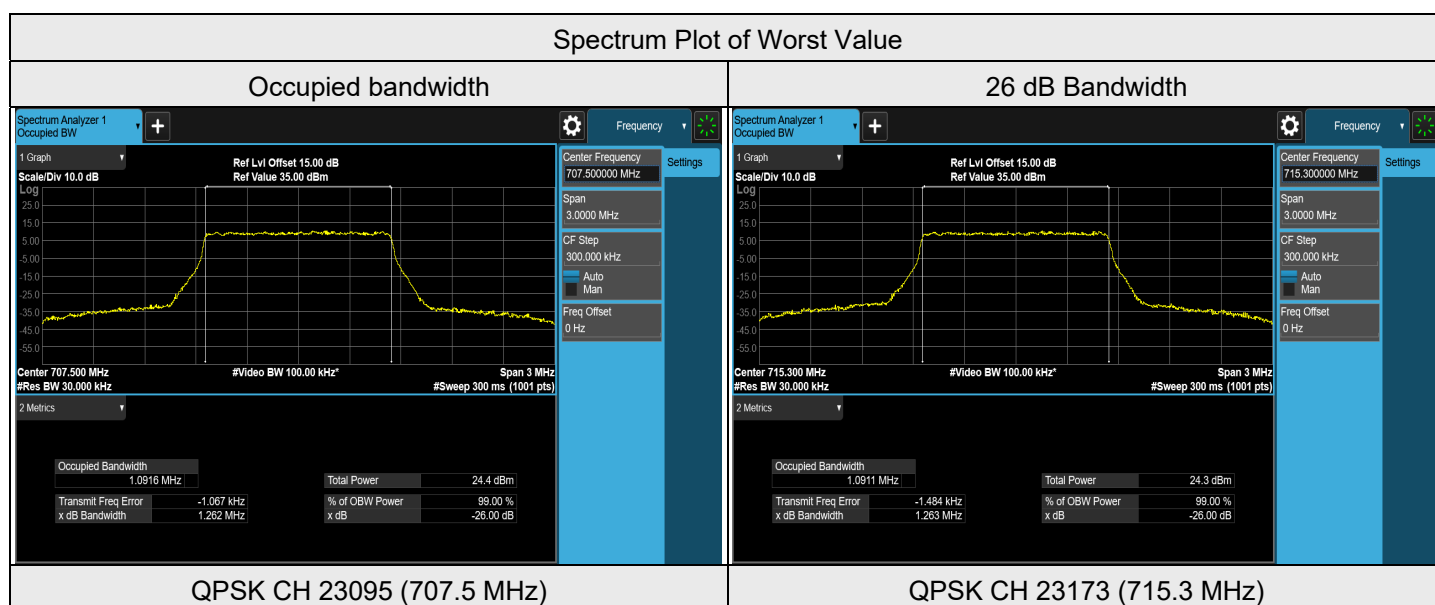
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	20850	2510	17.8798	18.994
QPSK	21100	2535	17.9127	19.020
QPSK	21350	2560	17.8763	18.993
16QAM	20850	2510	17.8853	19.001
16QAM	21100	2535	17.9183	19.022
16QAM	21350	2560	17.8818	18.983
64QAM	20850	2510	17.8720	18.966
64QAM	21100	2535	17.9133	19.013
64QAM	21350	2560	17.8771	18.989



7.4.5 LTE Band 12

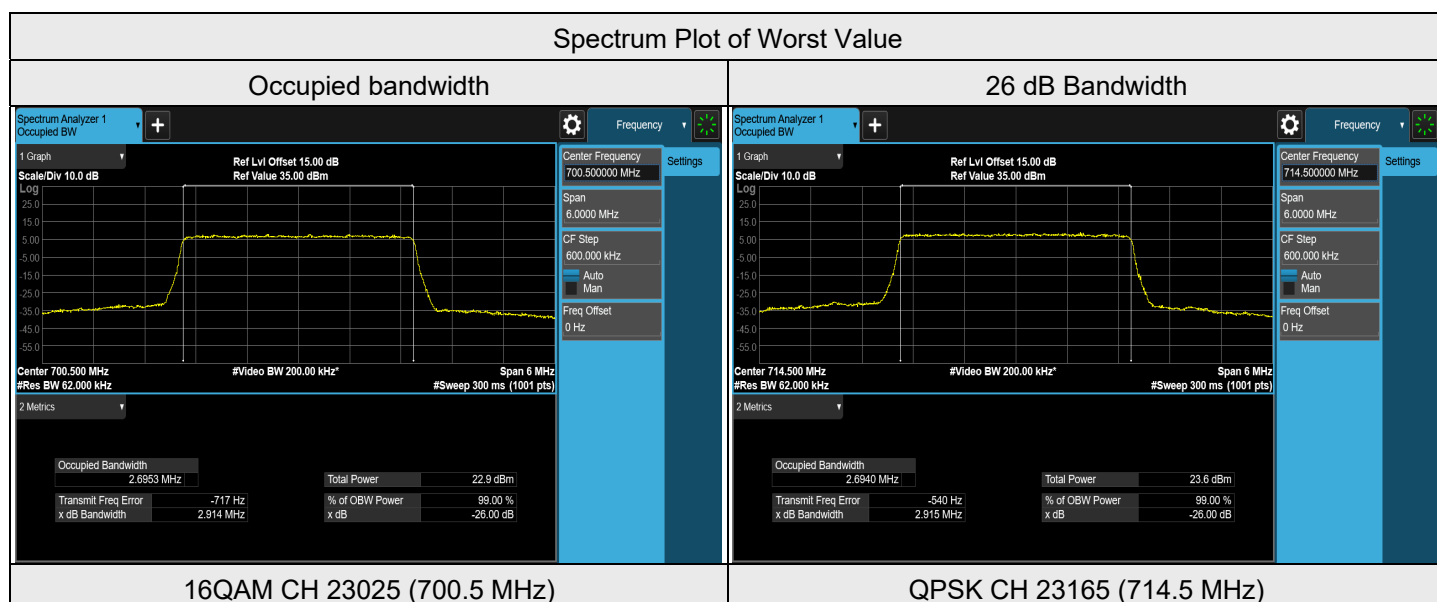
LTE Band 12, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23017	699.7	1.0873	1.255
QPSK	23095	707.5	1.0916	1.262
QPSK	23173	715.3	1.0911	1.263
16QAM	23017	699.7	1.0888	1.246
16QAM	23095	707.5	1.0884	1.248
16QAM	23173	715.3	1.0887	1.247
64QAM	23017	699.7	1.0884	1.248
64QAM	23095	707.5	1.0892	1.244
64QAM	23173	715.3	1.0886	1.243



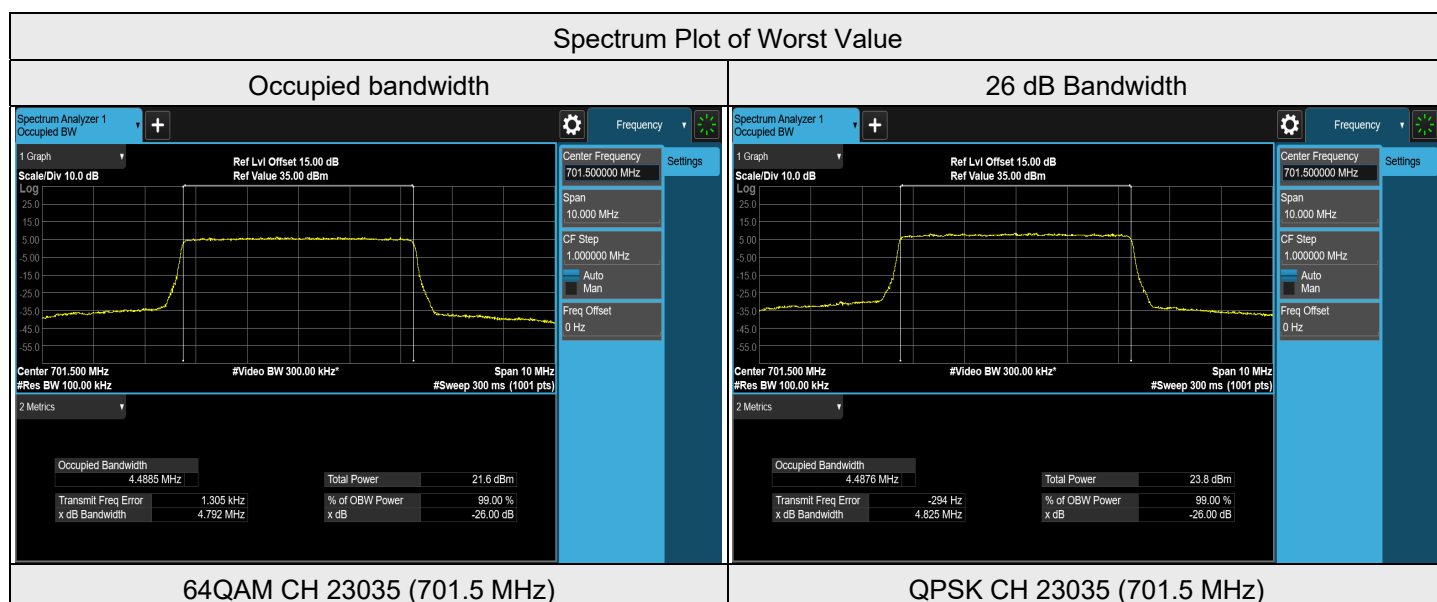
LTE Band 12, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23025	700.5	2.6950	2.909
QPSK	23095	707.5	2.6943	2.903
QPSK	23165	714.5	2.6940	2.915
16QAM	23025	700.5	2.6953	2.914
16QAM	23095	707.5	2.6944	2.911
16QAM	23165	714.5	2.6952	2.915
64QAM	23025	700.5	2.6931	2.893
64QAM	23095	707.5	2.6934	2.892
64QAM	23165	714.5	2.6945	2.889



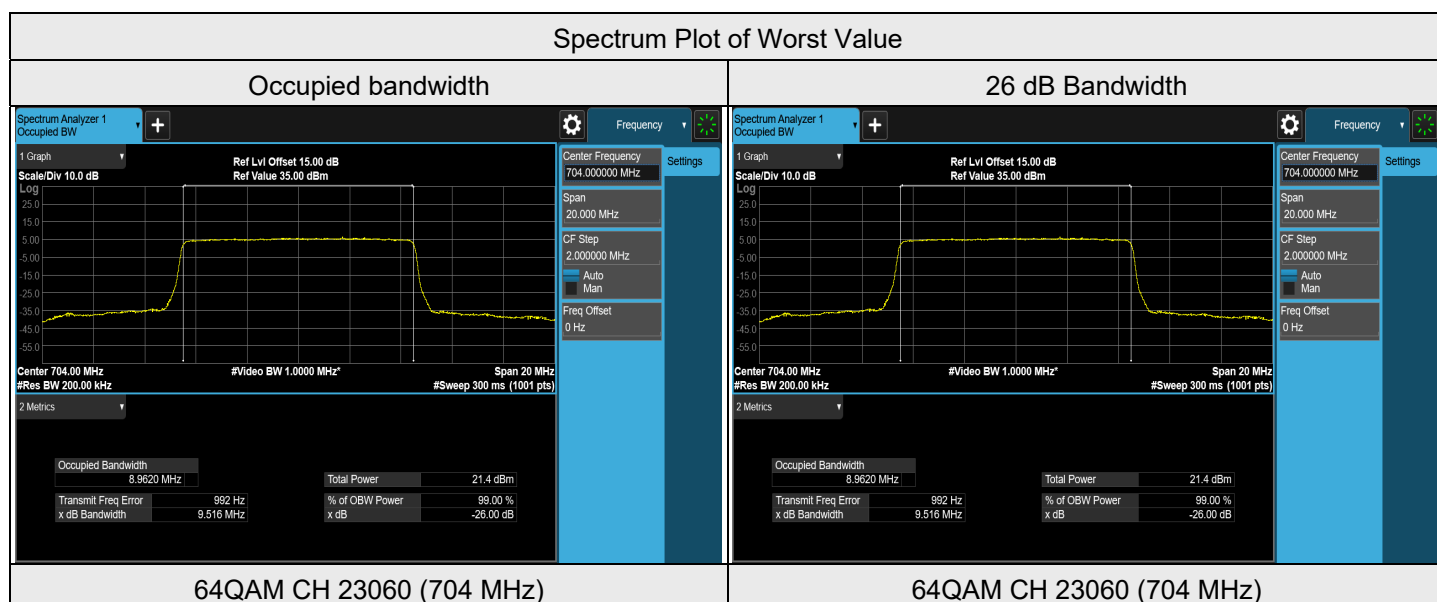
LTE Band 12, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23035	701.5	4.4876	4.825
QPSK	23095	707.5	4.4850	4.820
QPSK	23155	713.5	4.4865	4.823
16QAM	23035	701.5	4.4835	4.797
16QAM	23095	707.5	4.4828	4.796
16QAM	23155	713.5	4.4860	4.795
64QAM	23035	701.5	4.4885	4.792
64QAM	23095	707.5	4.4851	4.801
64QAM	23155	713.5	4.4860	4.804



LTE Band 12, Channel Bandwidth: 10 MHz

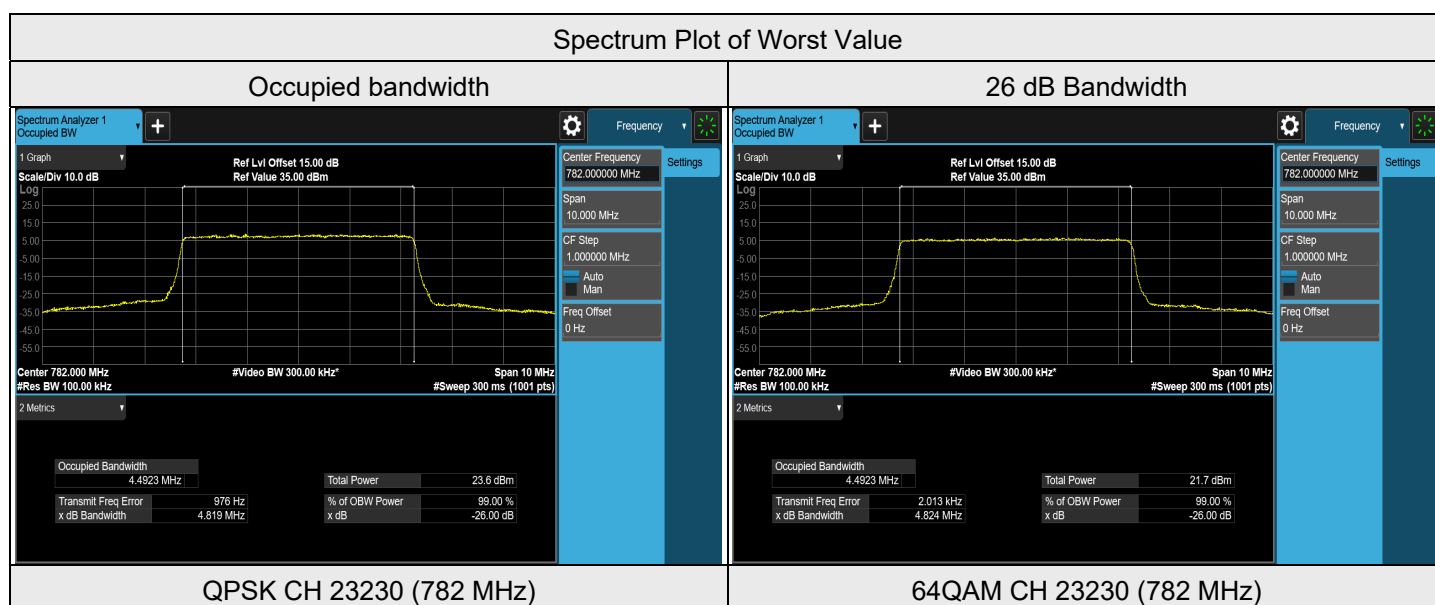
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23060	704	8.9593	9.515
QPSK	23095	707.5	8.9502	9.501
QPSK	23130	711	8.9513	9.508
16QAM	23060	704	8.9558	9.511
16QAM	23095	707.5	8.9477	9.489
16QAM	23130	711	8.9480	9.505
64QAM	23060	704	8.9620	9.516
64QAM	23095	707.5	8.9483	9.515
64QAM	23130	711	8.9566	9.513



7.4.6 LTE Band 13

LTE Band 13, Channel Bandwidth: 5 MHz

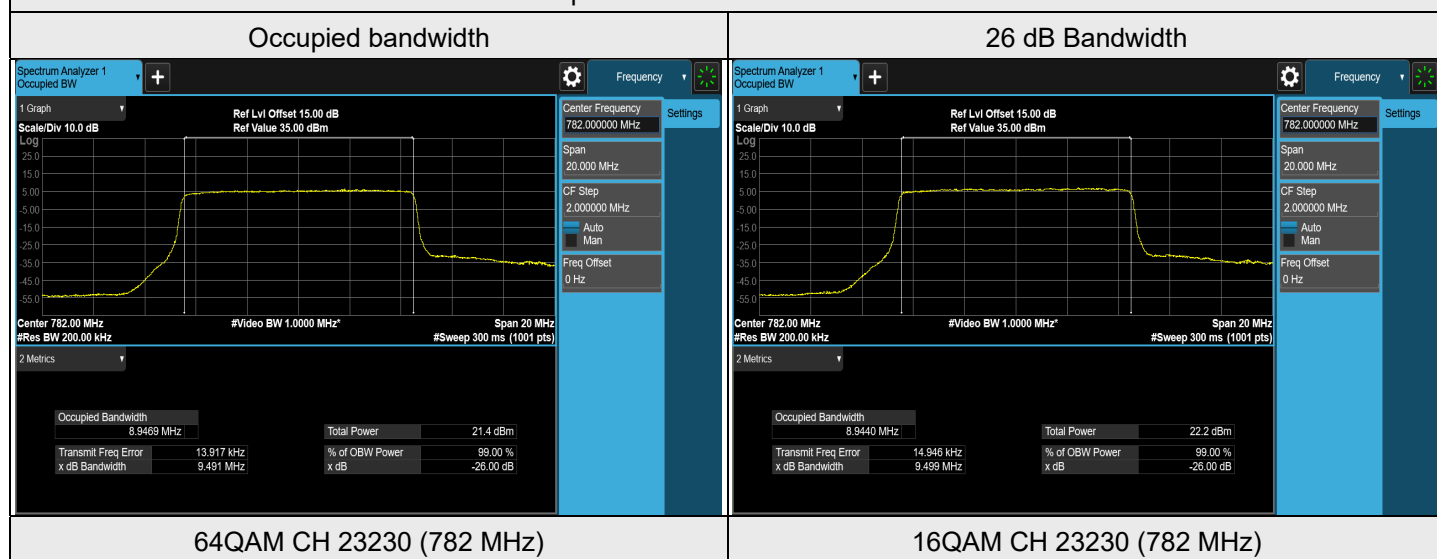
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23205	779.5	4.4708	4.790
QPSK	23230	782	4.4923	4.819
QPSK	23255	784.5	4.4858	4.796
16QAM	23205	779.5	4.4716	4.787
16QAM	23230	782	4.4879	4.808
16QAM	23255	784.5	4.4804	4.791
64QAM	23205	779.5	4.4772	4.780
64QAM	23230	782	4.4923	4.824
64QAM	23255	784.5	4.4831	4.796



LTE Band 13, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23230	782	8.9446	9.493
16QAM	23230	782	8.9440	9.499
64QAM	23230	782	8.9469	9.491

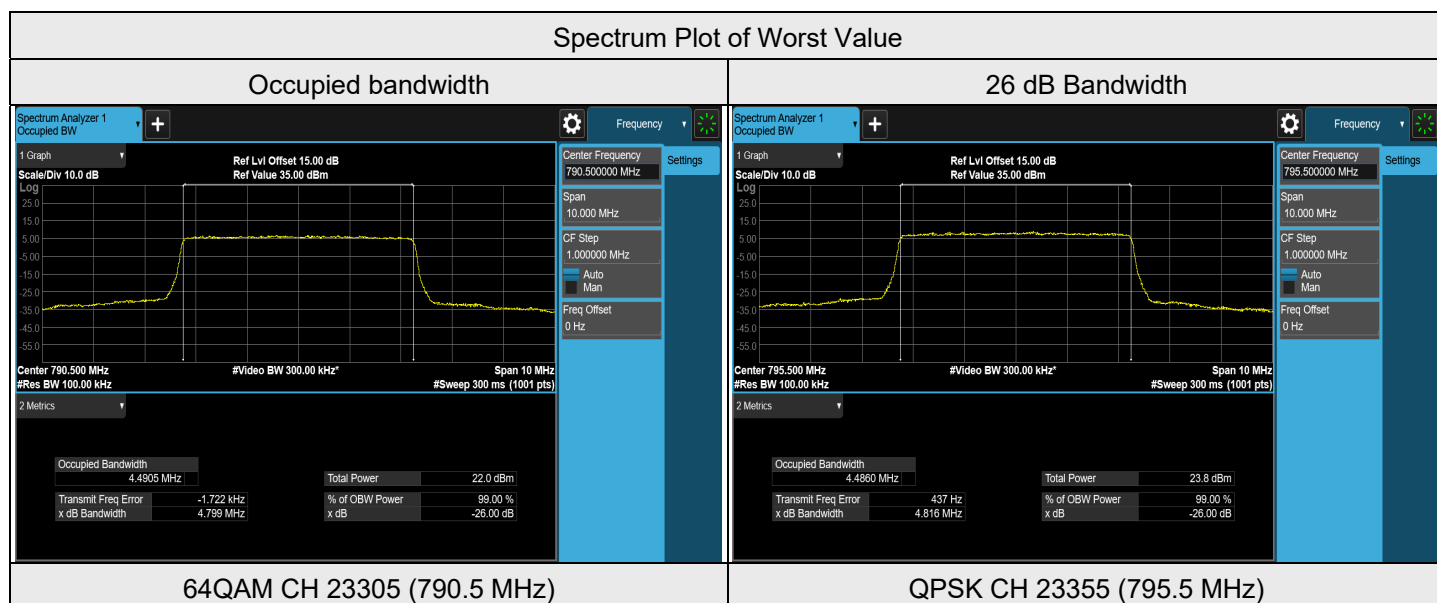
Spectrum Plot of Worst Value



7.4.7 LTE Band 14

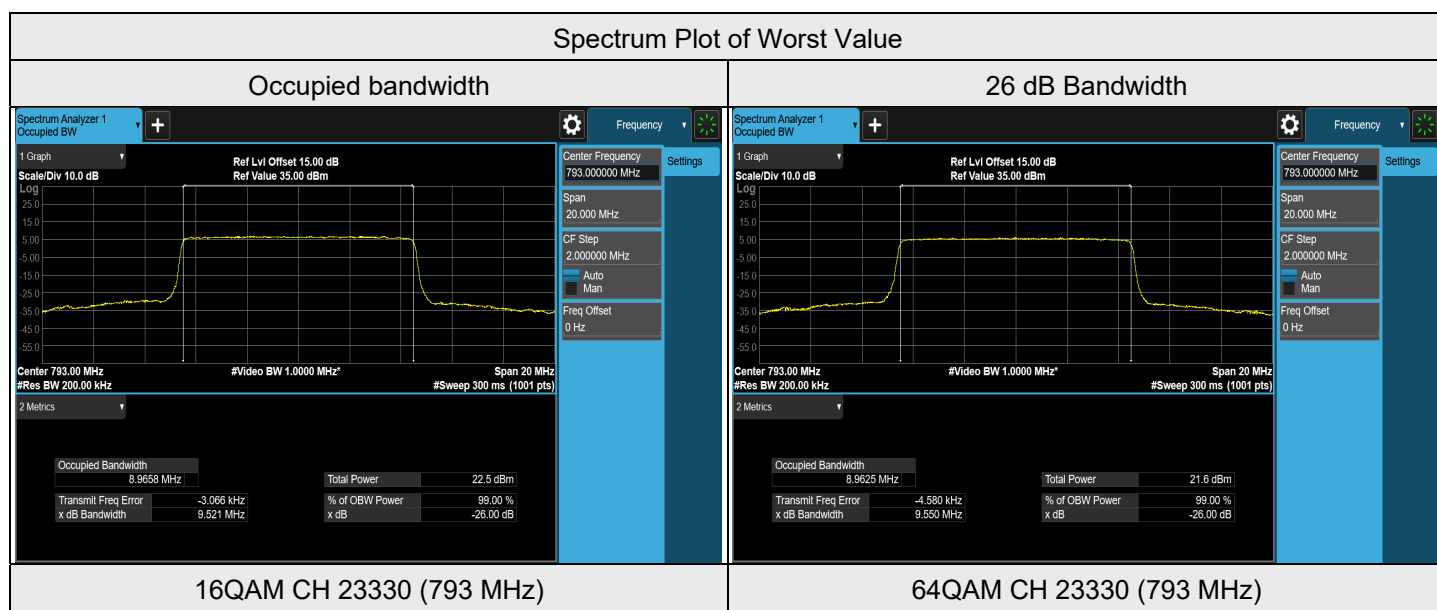
LTE Band 14, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23305	790.5	4.4883	4.814
QPSK	23330	793	4.4896	4.813
QPSK	23355	795.5	4.4860	4.816
16QAM	23305	790.5	4.4851	4.800
16QAM	23330	793	4.4860	4.807
16QAM	23355	795.5	4.4816	4.796
64QAM	23305	790.5	4.4905	4.799
64QAM	23330	793	4.4902	4.806
64QAM	23355	795.5	4.4870	4.816



LTE Band 14, Channel Bandwidth: 10 MHz

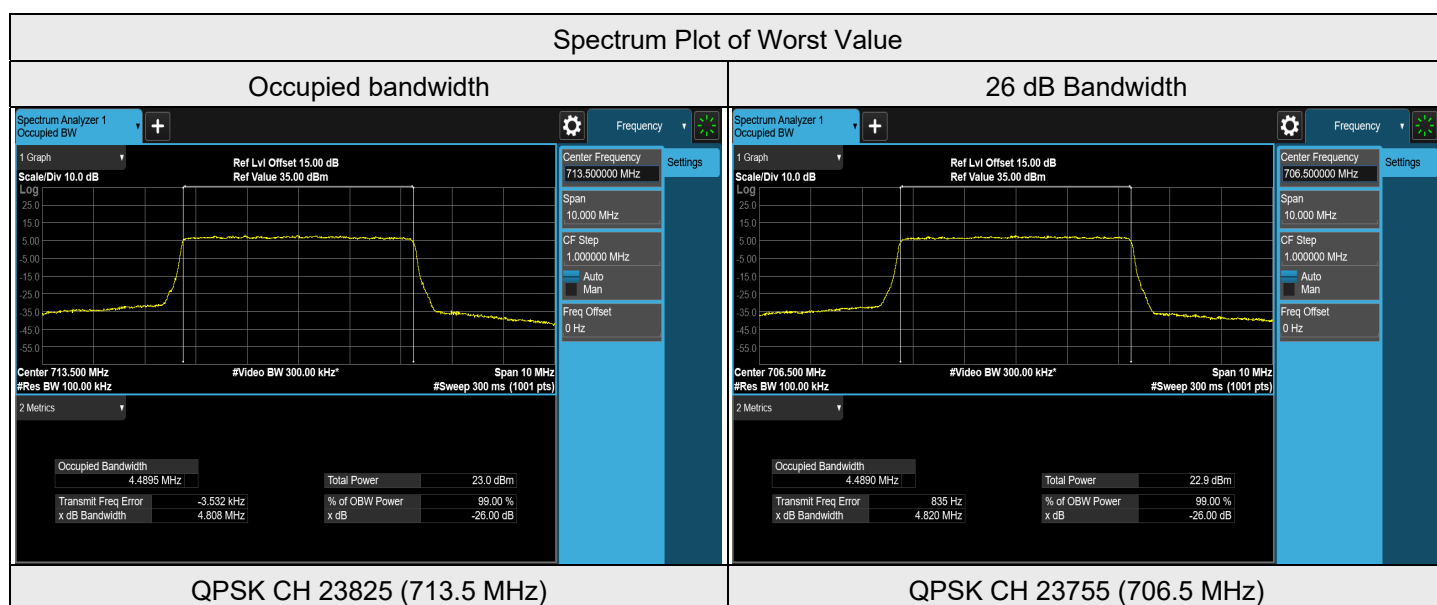
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23330	793	8.9632	9.513
16QAM	23330	793	8.9658	9.521
64QAM	23330	793	8.9625	9.550



7.4.8 LTE Band 17

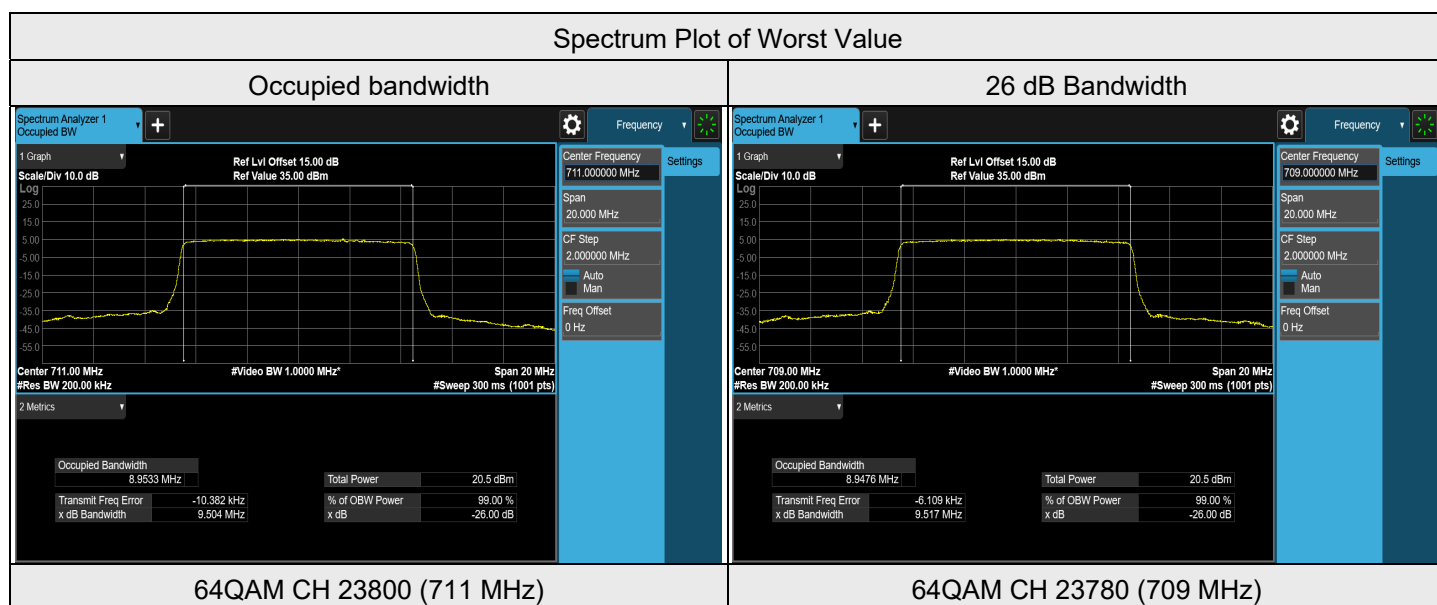
LTE Band 17, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23755	706.5	4.4890	4.820
QPSK	23790	710	4.4854	4.816
QPSK	23825	713.5	4.4895	4.808
16QAM	23755	706.5	4.4821	4.793
16QAM	23790	710	4.4839	4.800
16QAM	23825	713.5	4.4854	4.800
64QAM	23755	706.5	4.4840	4.799
64QAM	23790	710	4.4851	4.803
64QAM	23825	713.5	4.4886	4.814



LTE Band 17, Channel Bandwidth: 10 MHz

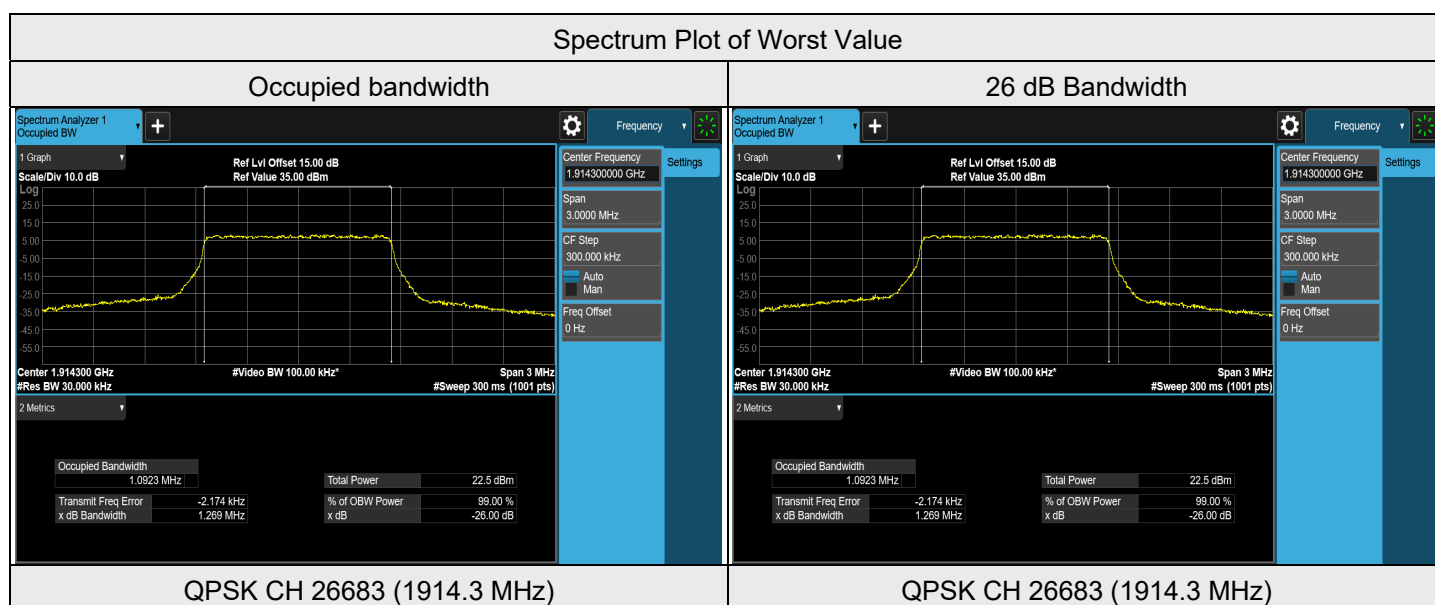
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	23780	709	8.9505	9.502
QPSK	23790	710	8.9481	9.495
QPSK	23800	711	8.9527	9.509
16QAM	23780	709	8.9411	9.509
16QAM	23790	710	8.9450	9.504
16QAM	23800	711	8.9499	9.487
64QAM	23780	709	8.9476	9.517
64QAM	23790	710	8.9472	9.515
64QAM	23800	711	8.9533	9.504



7.4.9 LTE Band 25

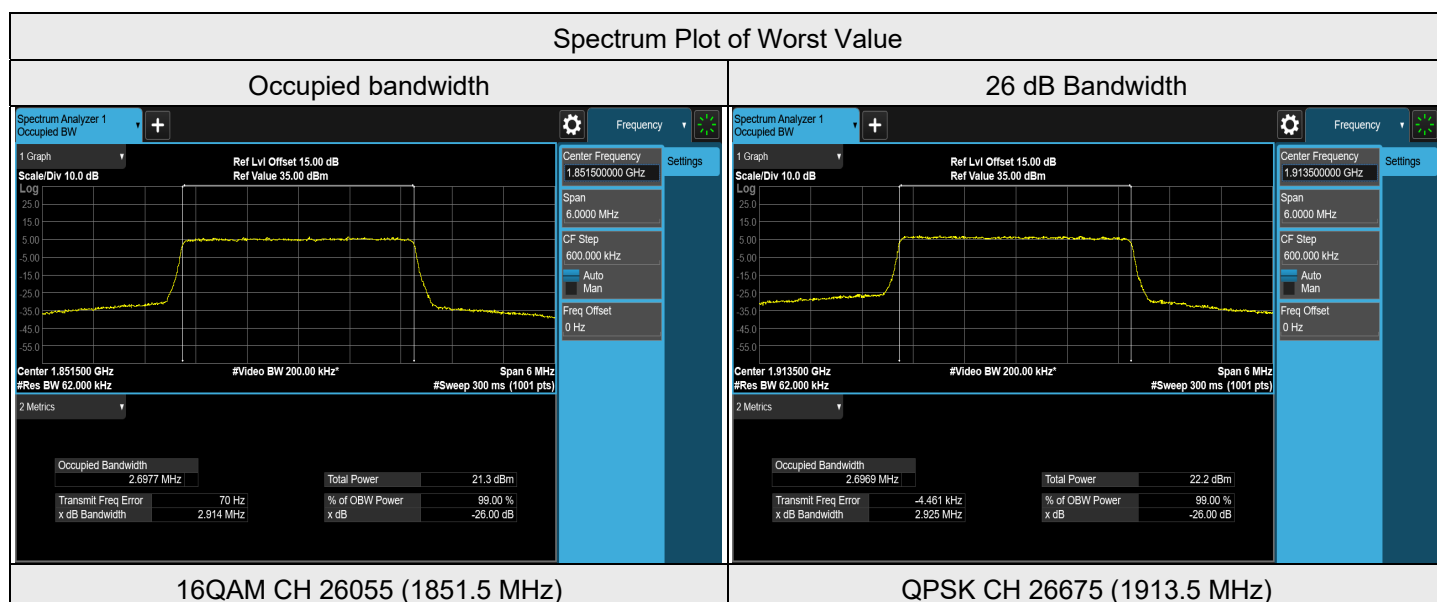
LTE Band 25, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26047	1850.7	1.0875	1.256
QPSK	26365	1882.5	1.0919	1.266
QPSK	26683	1914.3	1.0923	1.269
16QAM	26047	1850.7	1.0893	1.259
16QAM	26365	1882.5	1.0877	1.250
16QAM	26683	1914.3	1.0890	1.254
64QAM	26047	1850.7	1.0892	1.255
64QAM	26365	1882.5	1.0889	1.252
64QAM	26683	1914.3	1.0886	1.252



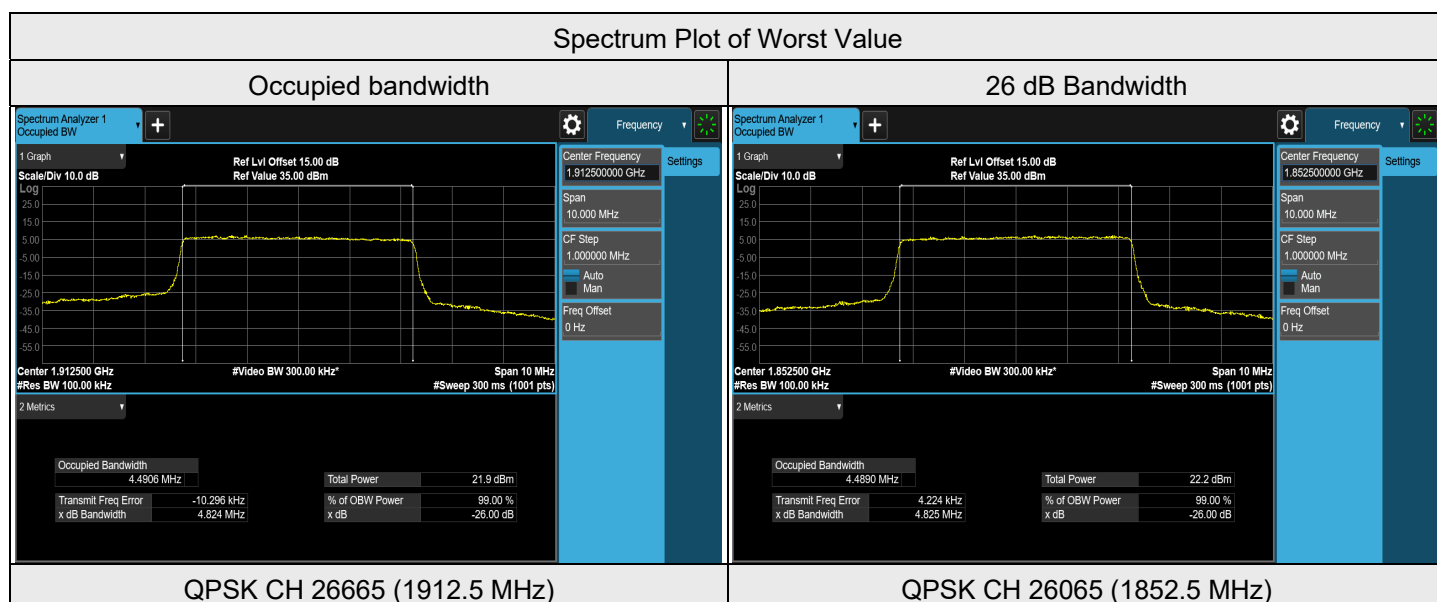
LTE Band 25, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26055	1851.5	2.6964	2.914
QPSK	26365	1882.5	2.6973	2.907
QPSK	26675	1913.5	2.6969	2.925
16QAM	26055	1851.5	2.6977	2.914
16QAM	26365	1882.5	2.6967	2.919
16QAM	26675	1913.5	2.6975	2.915
64QAM	26055	1851.5	2.6936	2.898
64QAM	26365	1882.5	2.6945	2.893
64QAM	26675	1913.5	2.6960	2.902



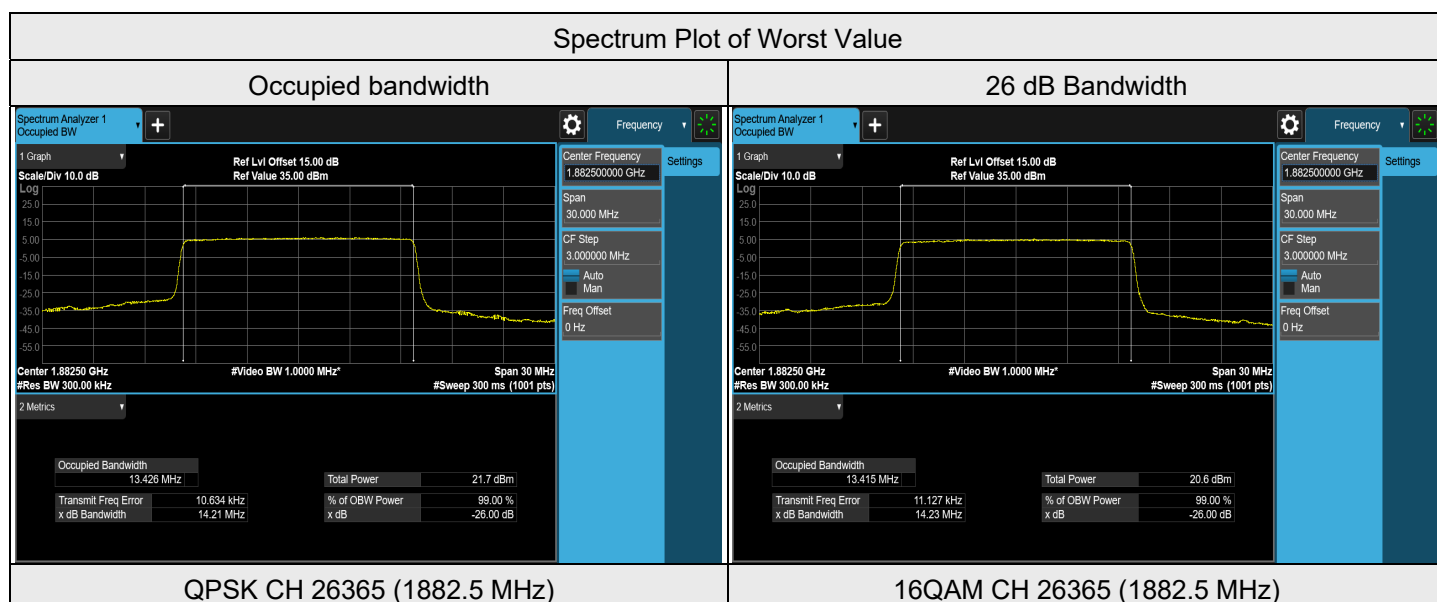
LTE Band 25, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26065	1852.5	4.4890	4.825
QPSK	26365	1882.5	4.4887	4.825
QPSK	26665	1912.5	4.4906	4.824
16QAM	26065	1852.5	4.4836	4.802
16QAM	26365	1882.5	4.4850	4.803
16QAM	26665	1912.5	4.4858	4.792
64QAM	26065	1852.5	4.4901	4.792
64QAM	26365	1882.5	4.4898	4.796
64QAM	26665	1912.5	4.4884	4.820



LTE Band 25, Channel Bandwidth: 15 MHz

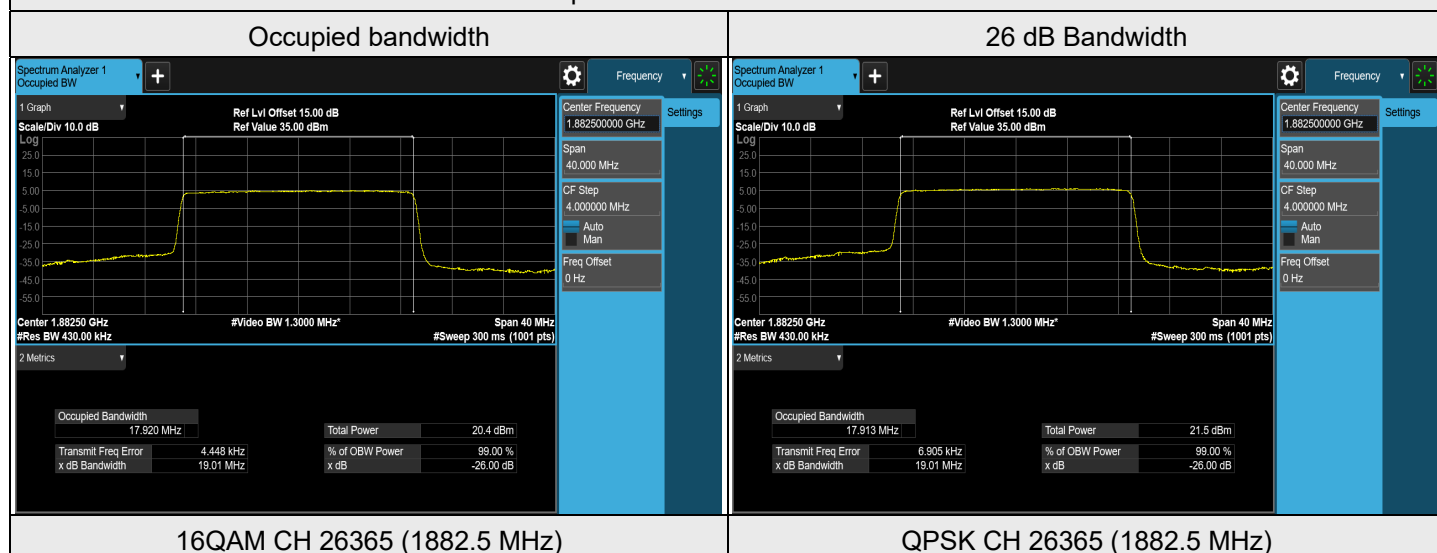
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26115	1857.5	13.3982	14.192
QPSK	26365	1882.5	13.4255	14.214
QPSK	26615	1907.5	13.3868	14.192
16QAM	26115	1857.5	13.3774	14.196
16QAM	26365	1882.5	13.4149	14.235
16QAM	26615	1907.5	13.3675	14.186
64QAM	26115	1857.5	13.3741	14.192
64QAM	26365	1882.5	13.4138	14.221
64QAM	26615	1907.5	13.3596	14.192



LTE Band 25, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26140	1860	17.8128	18.956
QPSK	26365	1882.5	17.9126	19.011
QPSK	26590	1905	17.8593	18.978
16QAM	26140	1860	17.8267	18.948
16QAM	26365	1882.5	17.9203	19.011
16QAM	26590	1905	17.8620	18.983
64QAM	26140	1860	17.8248	18.956
64QAM	26365	1882.5	17.9154	19.007
64QAM	26590	1905	17.8562	18.983

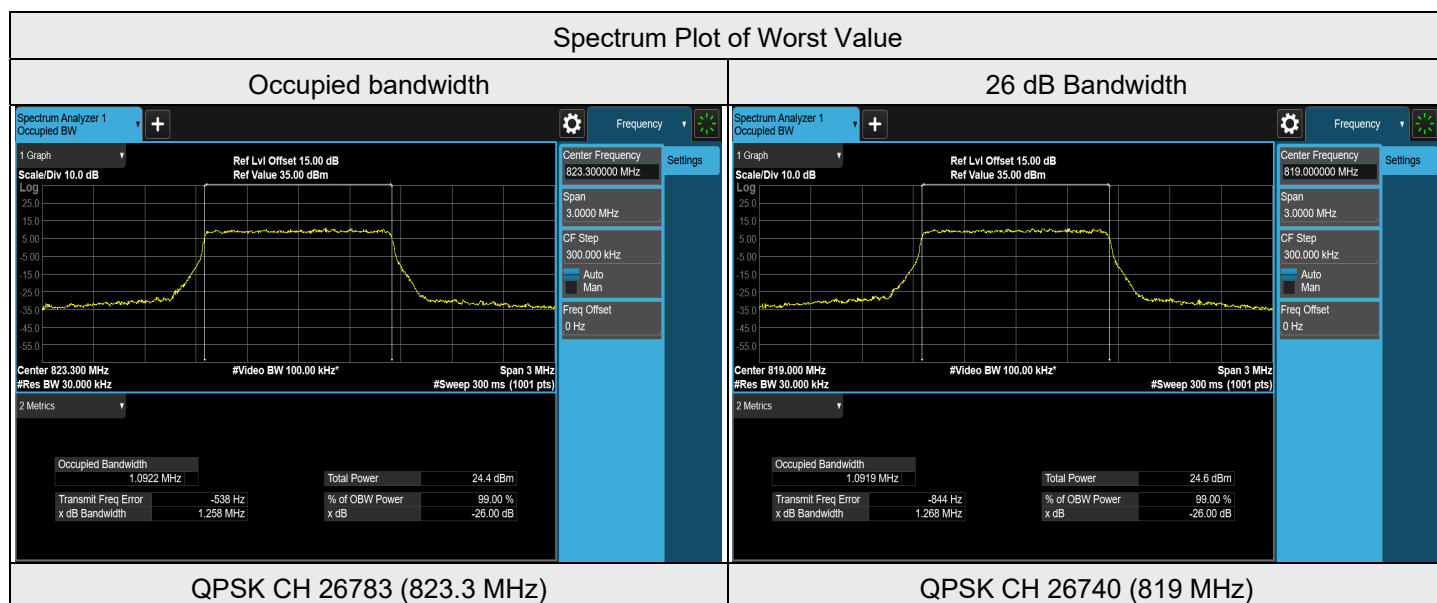
Spectrum Plot of Worst Value



7.4.10LTE Band 26 (814 MHz ~ 824 MHz)

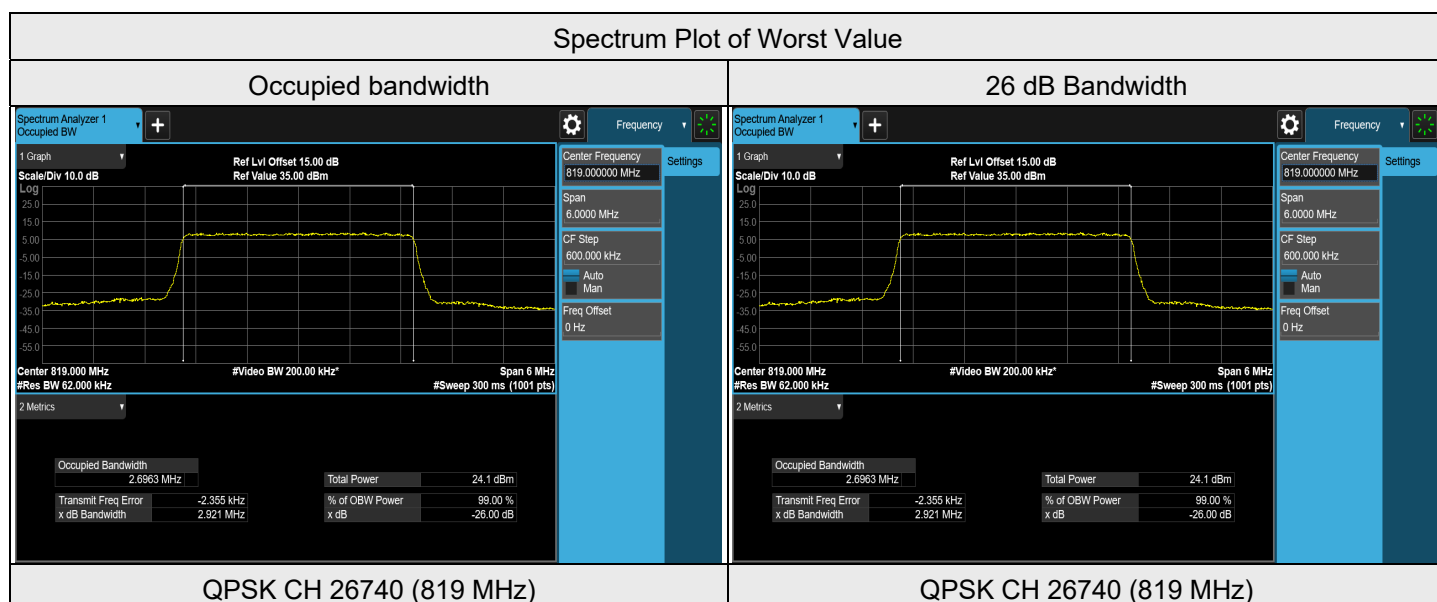
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26697	814.7	1.0884	1.253
QPSK	26740	819	1.0919	1.268
QPSK	26783	823.3	1.0922	1.258
16QAM	26697	814.7	1.0885	1.245
16QAM	26740	819	1.0889	1.256
16QAM	26783	823.3	1.0883	1.254
64QAM	26697	814.7	1.0881	1.248
64QAM	26740	819	1.0878	1.248
64QAM	26783	823.3	1.0895	1.240



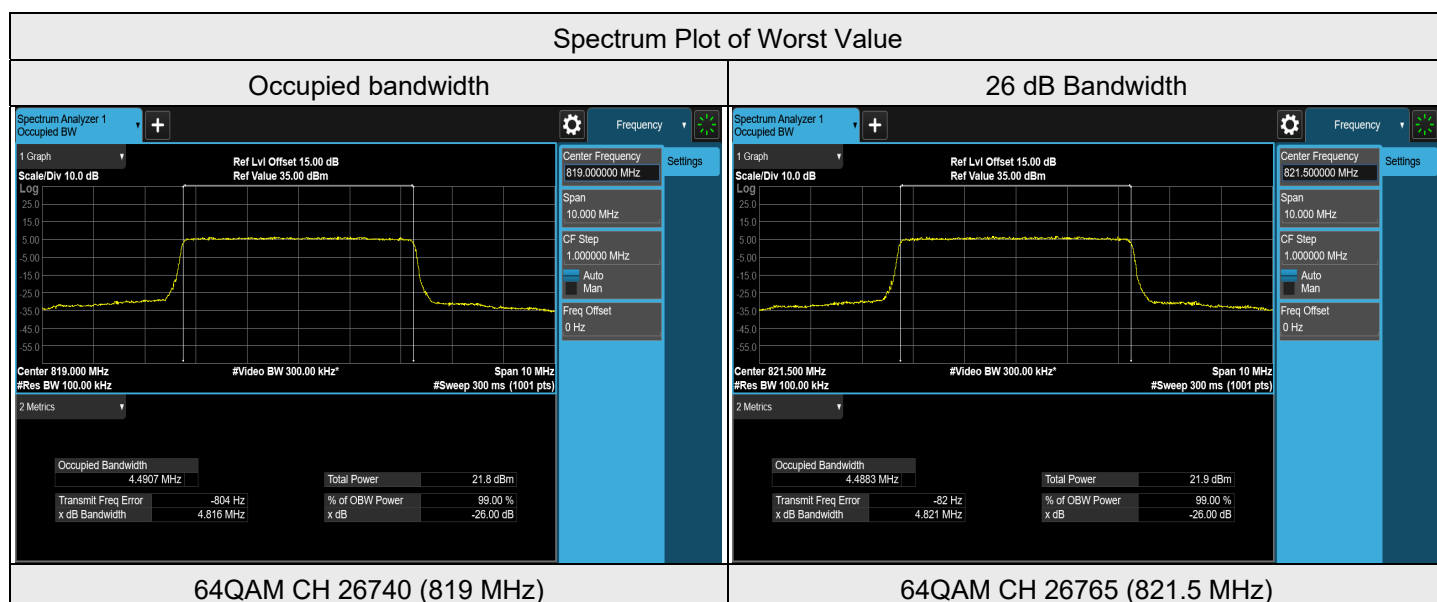
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26705	815.5	2.6956	2.907
QPSK	26740	819	2.6963	2.921
QPSK	26775	822.5	2.6952	2.908
16QAM	26705	815.5	2.6954	2.911
16QAM	26740	819	2.6963	2.917
16QAM	26775	822.5	2.6957	2.914
64QAM	26705	815.5	2.6925	2.905
64QAM	26740	819	2.6935	2.901
64QAM	26775	822.5	2.6959	2.899



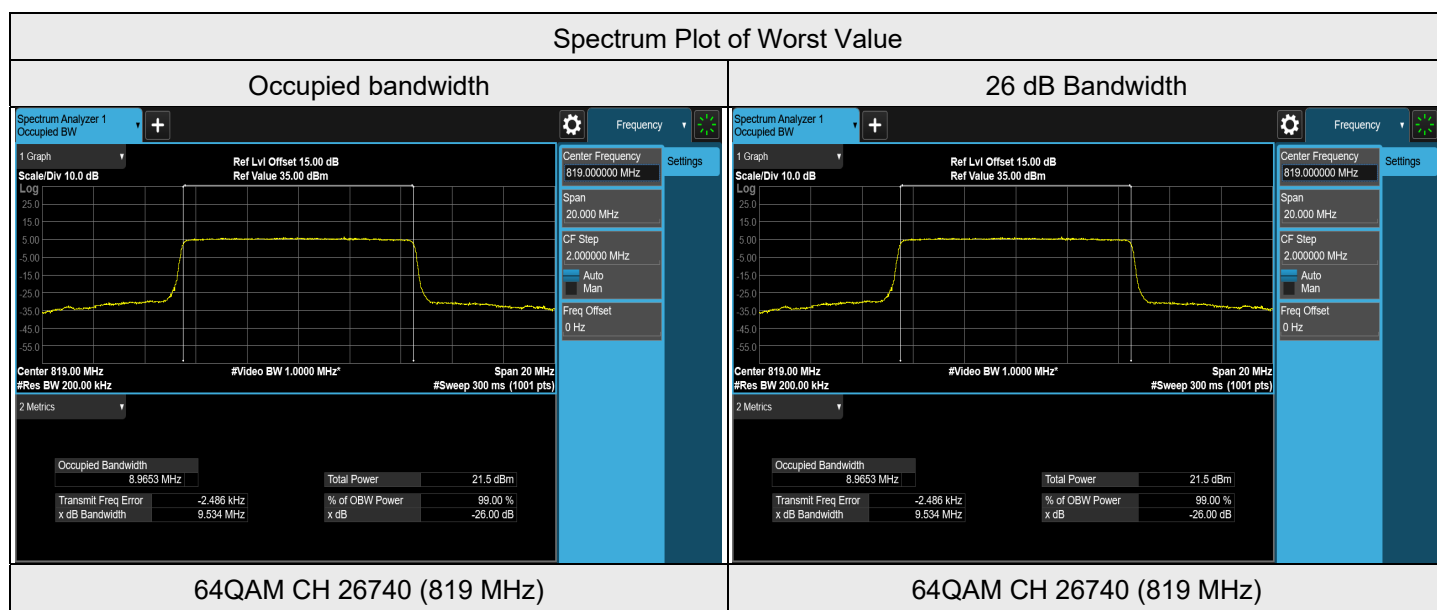
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26715	816.5	4.4850	4.807
QPSK	26740	819	4.4880	4.812
QPSK	26765	821.5	4.4899	4.810
16QAM	26715	816.5	4.4826	4.804
16QAM	26740	819	4.4832	4.803
16QAM	26765	821.5	4.4847	4.813
64QAM	26715	816.5	4.4888	4.802
64QAM	26740	819	4.4907	4.816
64QAM	26765	821.5	4.4883	4.821



LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 10 MHz

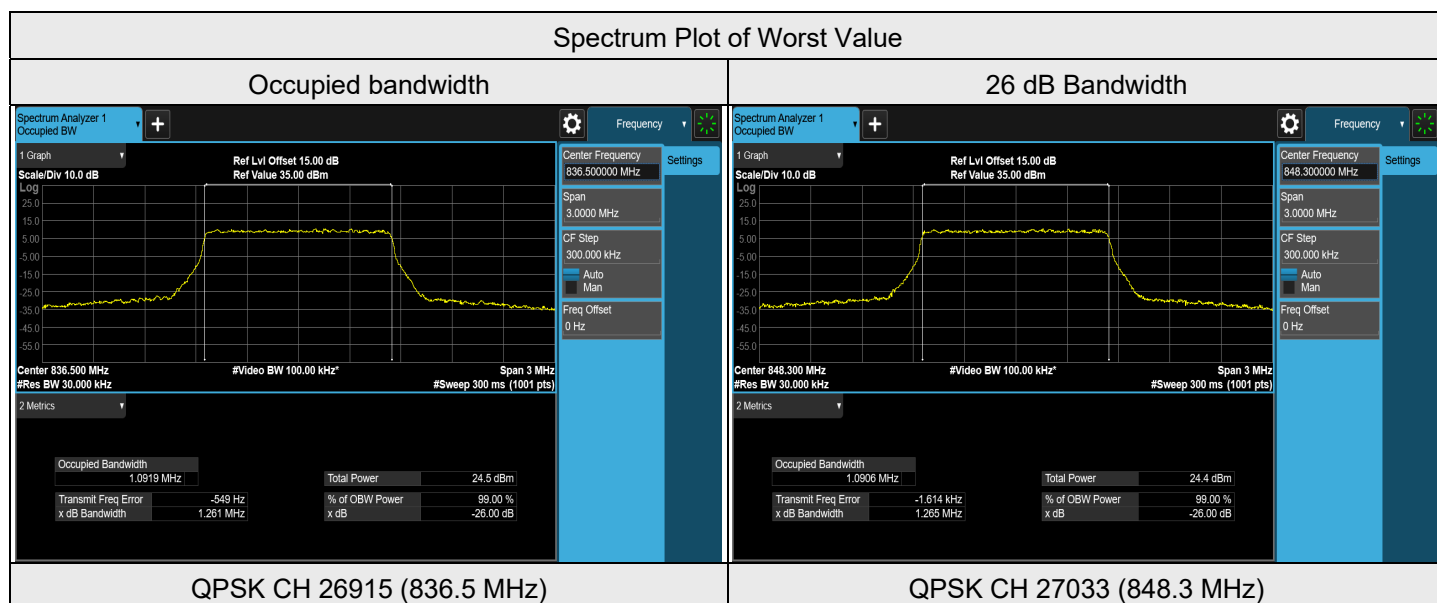
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	8.9644	9.511
16QAM	26740	819	8.9641	9.517
64QAM	26740	819	8.9653	9.534



7.4.11 LTE Band 26 (824 MHz ~ 849 MHz)

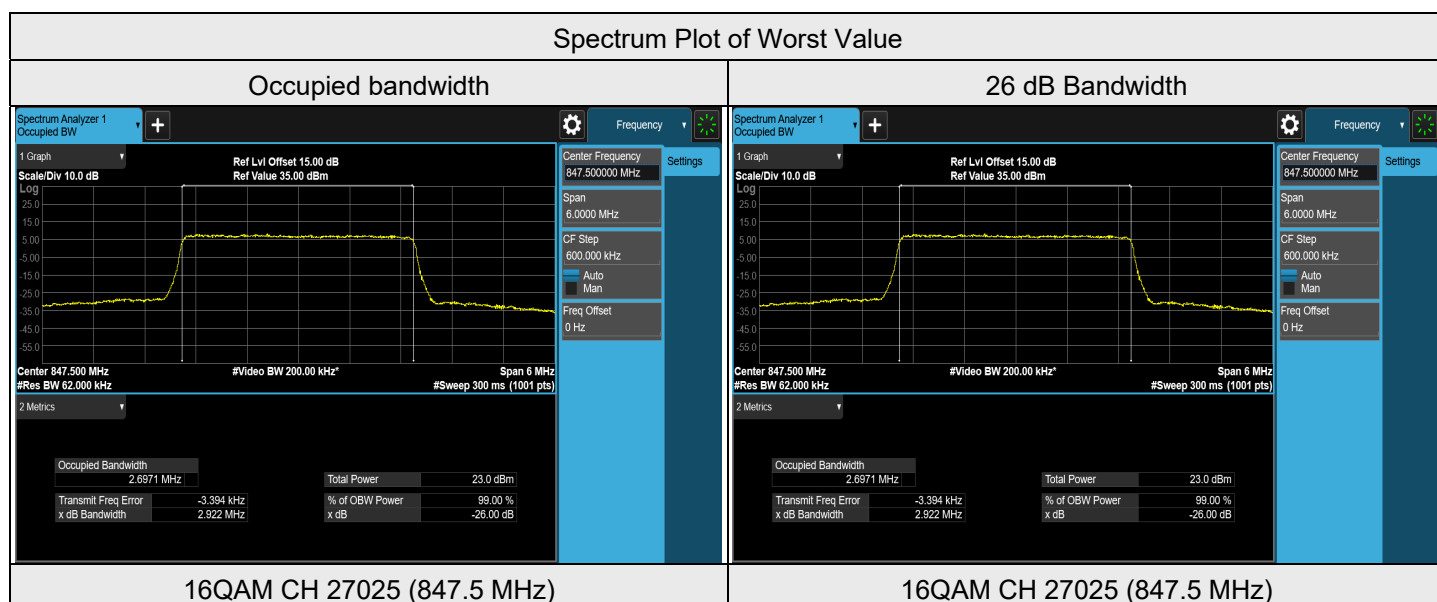
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26797	824.7	1.0885	1.250
QPSK	26915	836.5	1.0919	1.261
QPSK	27033	848.3	1.0906	1.265
16QAM	26797	824.7	1.0882	1.249
16QAM	26915	836.5	1.0886	1.257
16QAM	27033	848.3	1.0882	1.262
64QAM	26797	824.7	1.0895	1.245
64QAM	26915	836.5	1.0893	1.250
64QAM	27033	848.3	1.0900	1.242



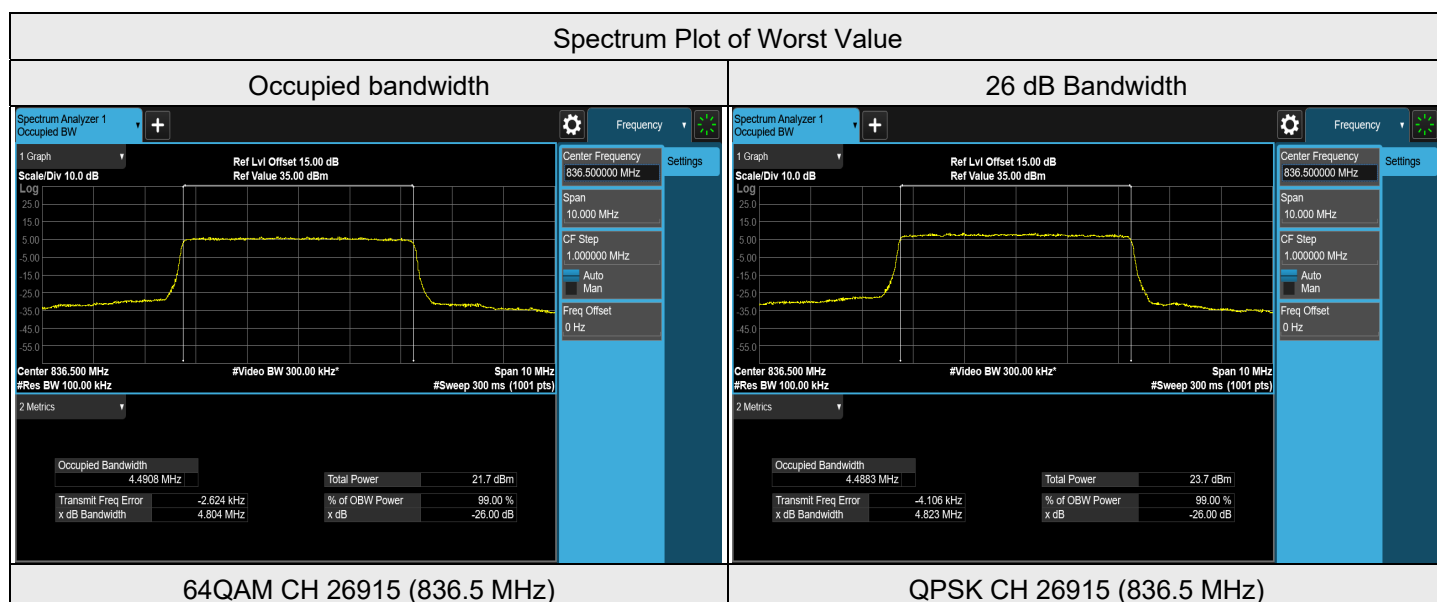
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26805	825.5	2.6944	2.905
QPSK	26915	836.5	2.6965	2.914
QPSK	27025	847.5	2.6966	2.912
16QAM	26805	825.5	2.6967	2.919
16QAM	26915	836.5	2.6956	2.910
16QAM	27025	847.5	2.6971	2.922
64QAM	26805	825.5	2.6950	2.896
64QAM	26915	836.5	2.6921	2.899
64QAM	27025	847.5	2.6959	2.898



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

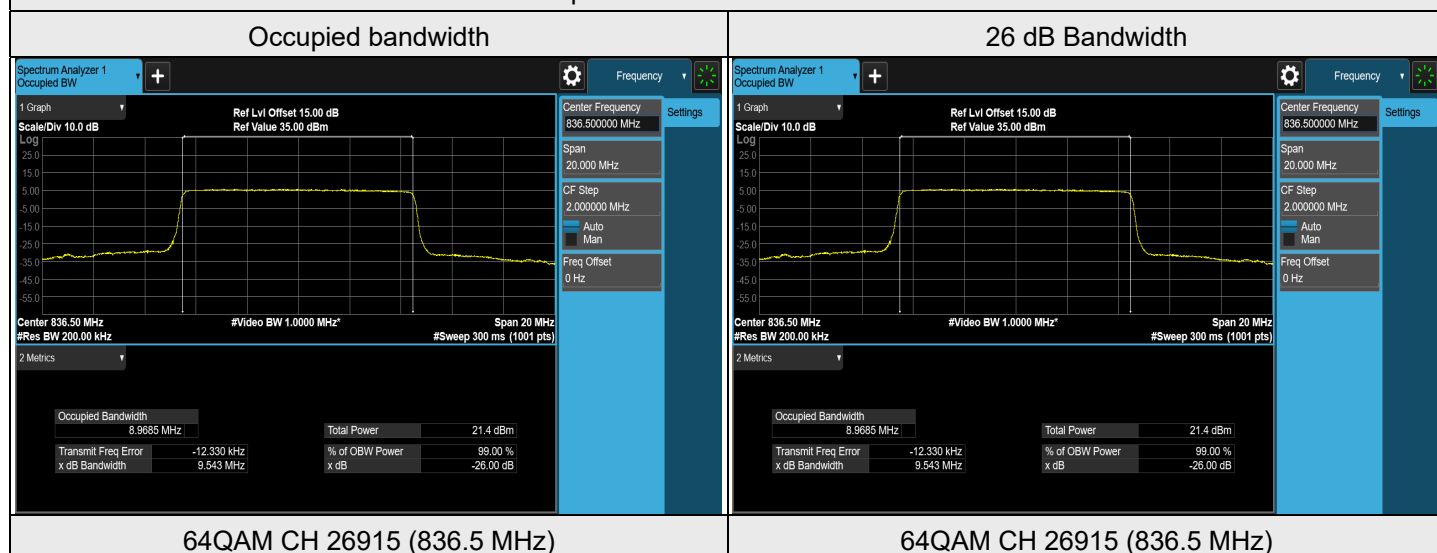
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26815	826.5	4.4861	4.801
QPSK	26915	836.5	4.4883	4.823
QPSK	27015	846.5	4.4885	4.811
16QAM	26815	826.5	4.4812	4.796
16QAM	26915	836.5	4.4858	4.803
16QAM	27015	846.5	4.4843	4.797
64QAM	26815	826.5	4.4884	4.804
64QAM	26915	836.5	4.4908	4.804
64QAM	27015	846.5	4.4870	4.797



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26840	829	8.9464	9.487
QPSK	26915	836.5	8.9650	9.507
QPSK	26990	844	8.9439	9.492
16QAM	26840	829	8.9504	9.511
16QAM	26915	836.5	8.9612	9.520
16QAM	26990	844	8.9418	9.497
64QAM	26840	829	8.9529	9.519
64QAM	26915	836.5	8.9685	9.543
64QAM	26990	844	8.9432	9.522

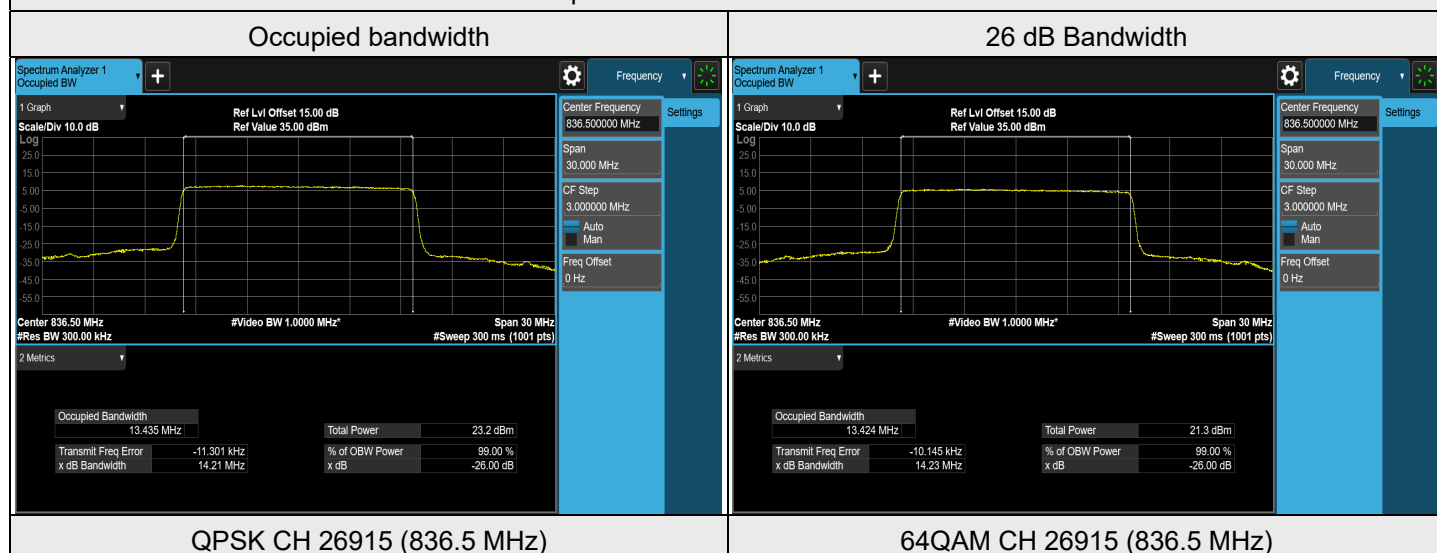
Spectrum Plot of Worst Value



LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26865	831.5	13.4154	14.211
QPSK	26915	836.5	13.4351	14.212
QPSK	26965	841.5	13.4038	14.217
16QAM	26865	831.5	13.4015	14.210
16QAM	26915	836.5	13.4274	14.218
16QAM	26965	841.5	13.3960	14.221
64QAM	26865	831.5	13.3958	14.213
64QAM	26915	836.5	13.4241	14.234
64QAM	26965	841.5	13.3948	14.226

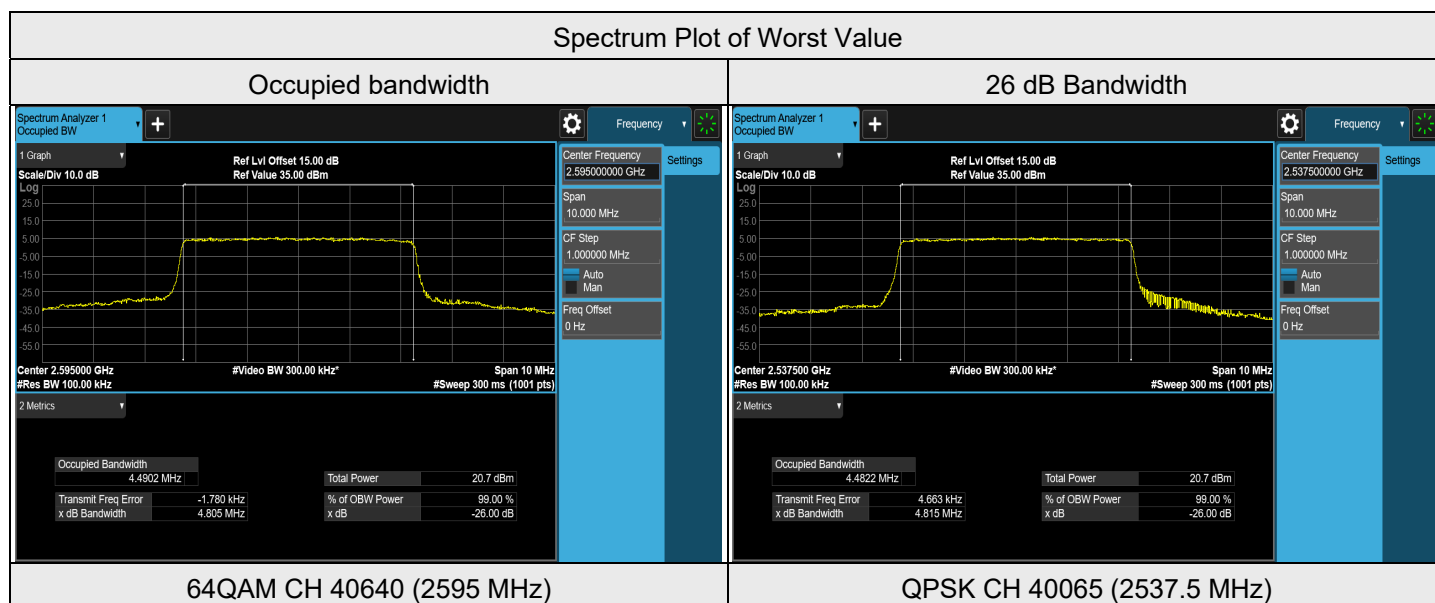
Spectrum Plot of Worst Value



7.4.12LTE Band 41

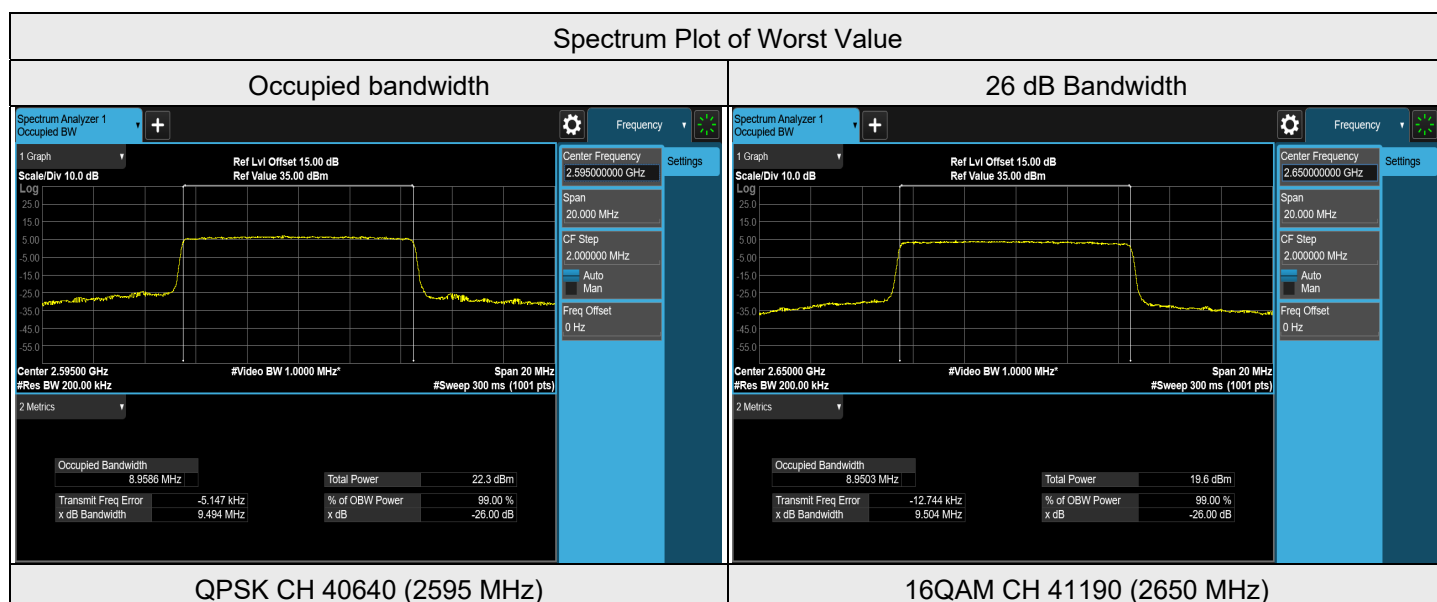
LTE Band 41, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40065	2537.5	4.4822	4.815
QPSK	40640	2595	4.4891	4.798
QPSK	41215	2652.5	4.4863	4.807
16QAM	40065	2537.5	4.4810	4.796
16QAM	40640	2595	4.4828	4.799
16QAM	41215	2652.5	4.4824	4.801
64QAM	40065	2537.5	4.4884	4.787
64QAM	40640	2595	4.4902	4.805
64QAM	41215	2652.5	4.4891	4.791



LTE Band 41, Channel Bandwidth: 10 MHz

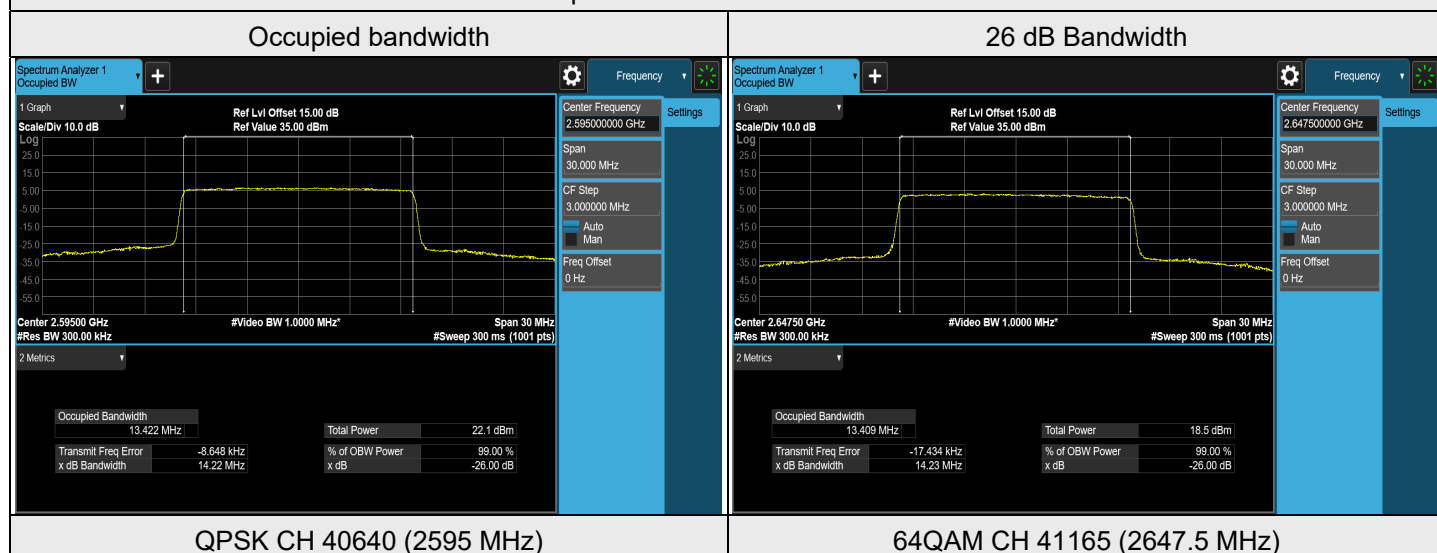
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40090	2540	8.9486	9.487
QPSK	40640	2595	8.9586	9.494
QPSK	41190	2650	8.9565	9.502
16QAM	40090	2540	8.9476	9.493
16QAM	40640	2595	8.9544	9.500
16QAM	41190	2650	8.9503	9.504
64QAM	40090	2540	8.9407	9.496
64QAM	40640	2595	8.9485	9.496
64QAM	41190	2650	8.9512	9.503



LTE Band 41, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40115	2542.5	13.4006	14.202
QPSK	40640	2595	13.4225	14.224
QPSK	41165	2647.5	13.4199	14.224
16QAM	40115	2542.5	13.3870	14.202
16QAM	40640	2595	13.4139	14.208
16QAM	41165	2647.5	13.4140	14.216
64QAM	40115	2542.5	13.3851	14.192
64QAM	40640	2595	13.4078	14.215
64QAM	41165	2647.5	13.4094	14.233

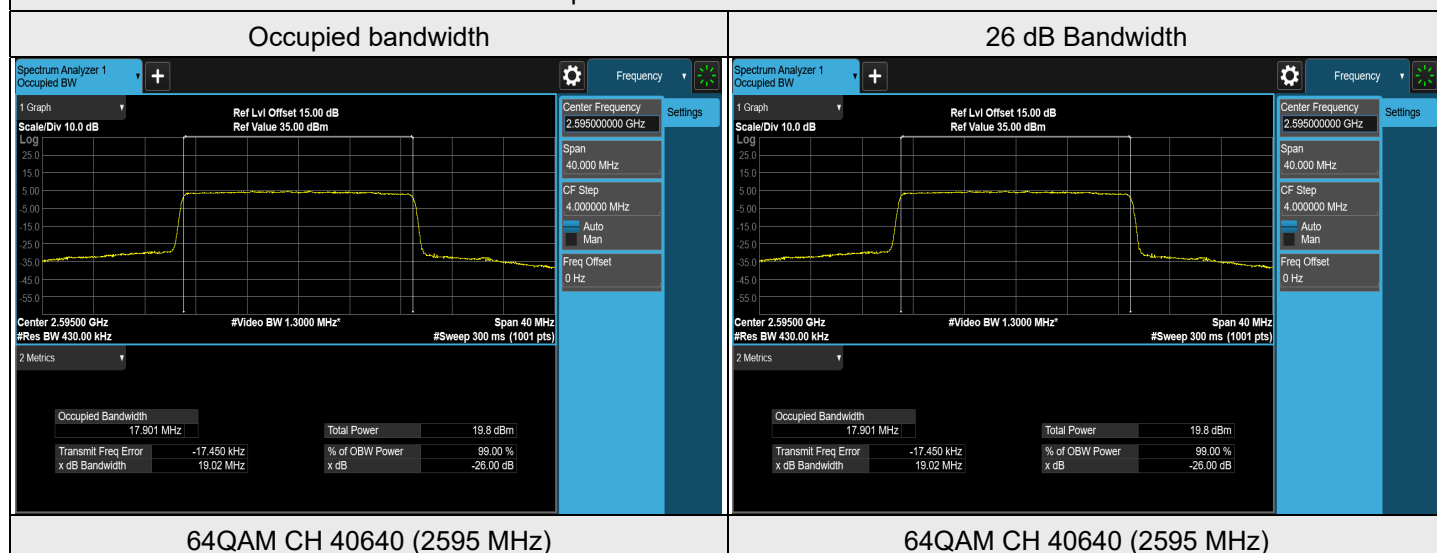
Spectrum Plot of Worst Value



LTE Band 41, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40140	2545	17.8409	18.970
QPSK	40640	2595	17.8783	18.988
QPSK	41140	2645	17.8660	18.979
16QAM	40140	2545	17.8390	18.967
16QAM	40640	2595	17.8820	18.989
16QAM	41140	2645	17.8666	18.983
64QAM	40140	2545	17.8572	18.985
64QAM	40640	2595	17.9007	19.017
64QAM	41140	2645	17.8859	19.005

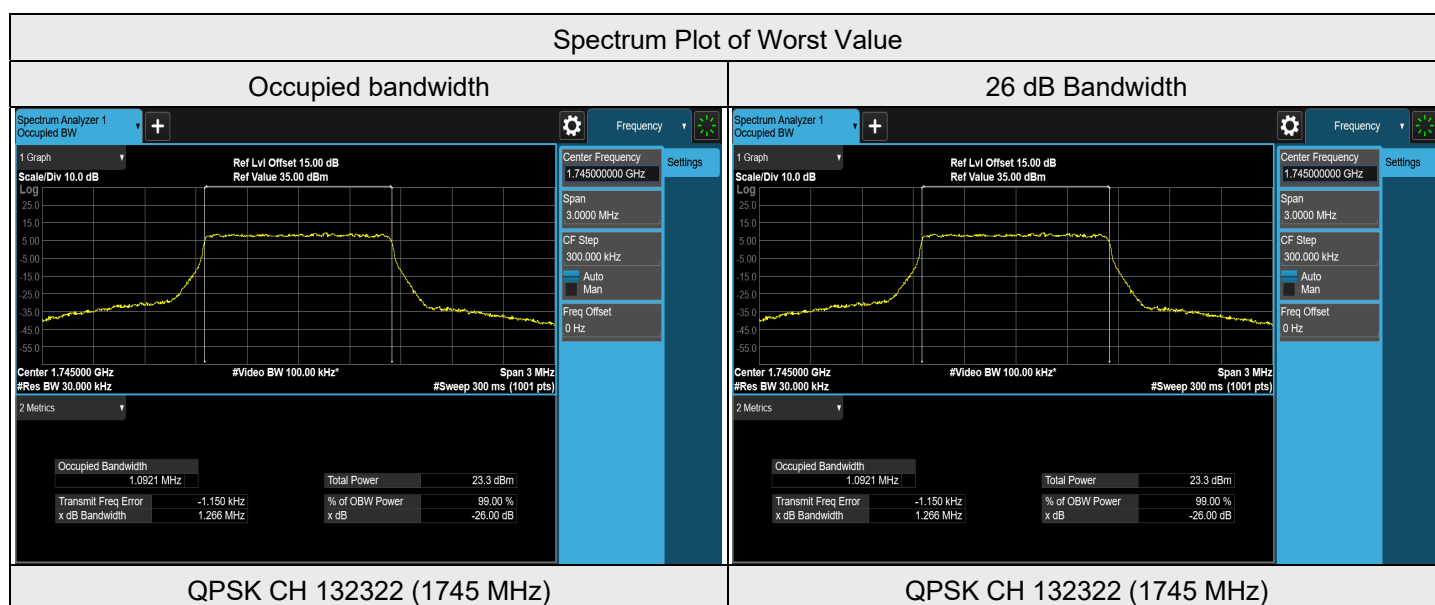
Spectrum Plot of Worst Value



7.4.13LTE Band 66

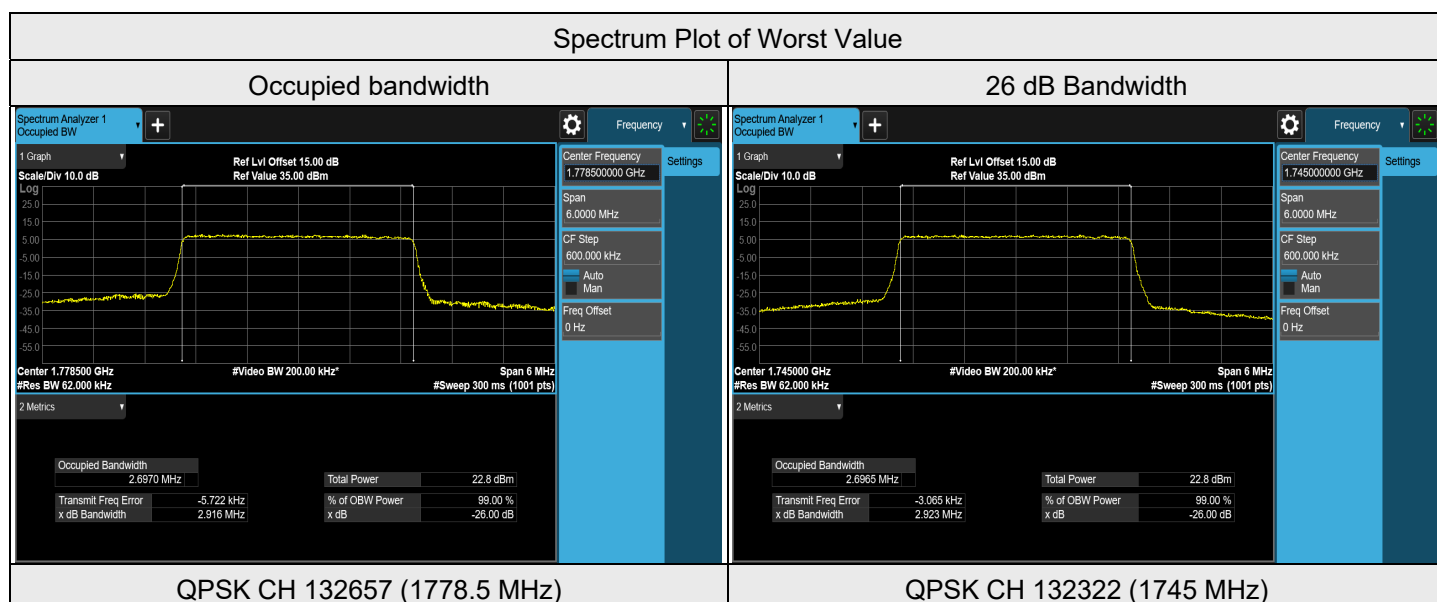
LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131979	1710.7	1.0886	1.258
QPSK	132322	1745	1.0921	1.266
QPSK	132665	1779.3	1.0919	1.255
16QAM	131979	1710.7	1.0882	1.247
16QAM	132322	1745	1.0895	1.258
16QAM	132665	1779.3	1.0890	1.250
64QAM	131979	1710.7	1.0900	1.254
64QAM	132322	1745	1.0886	1.249
64QAM	132665	1779.3	1.0897	1.250



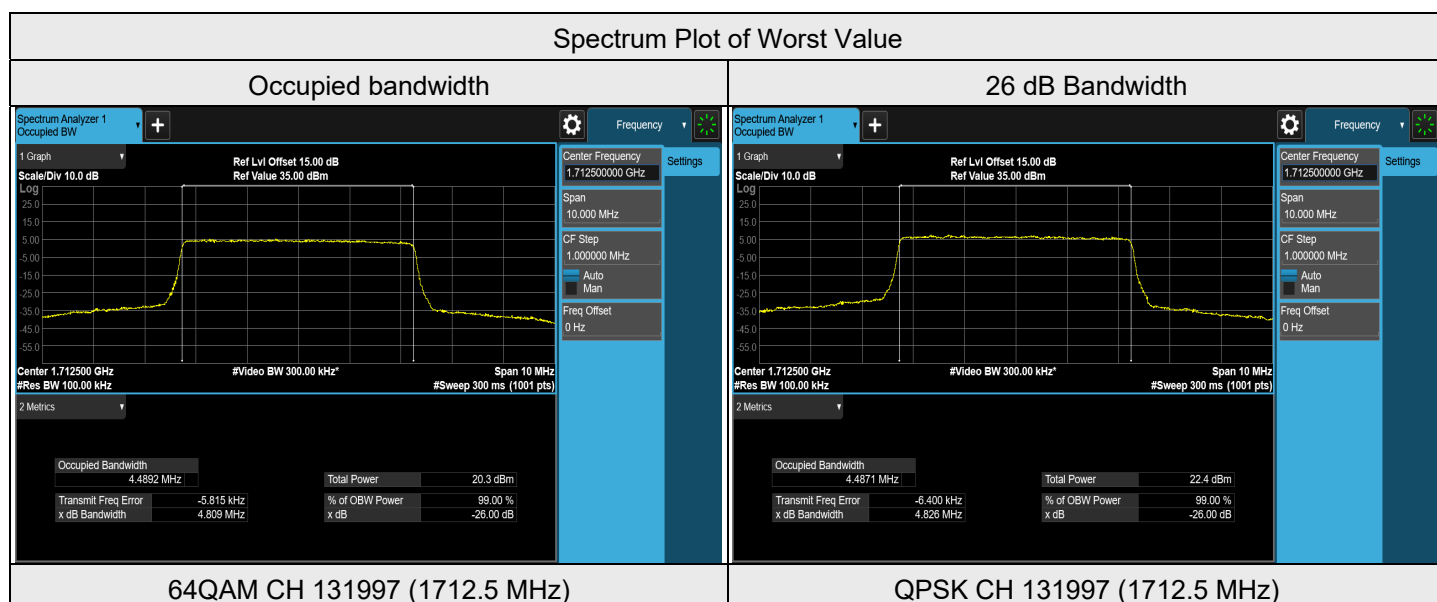
LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131987	1711.5	2.6964	2.909
QPSK	132322	1745	2.6965	2.923
QPSK	132657	1778.5	2.6970	2.916
16QAM	131987	1711.5	2.6964	2.912
16QAM	132322	1745	2.6954	2.914
16QAM	132657	1778.5	2.6965	2.916
64QAM	131987	1711.5	2.6929	2.902
64QAM	132322	1745	2.6957	2.892
64QAM	132657	1778.5	2.6936	2.897



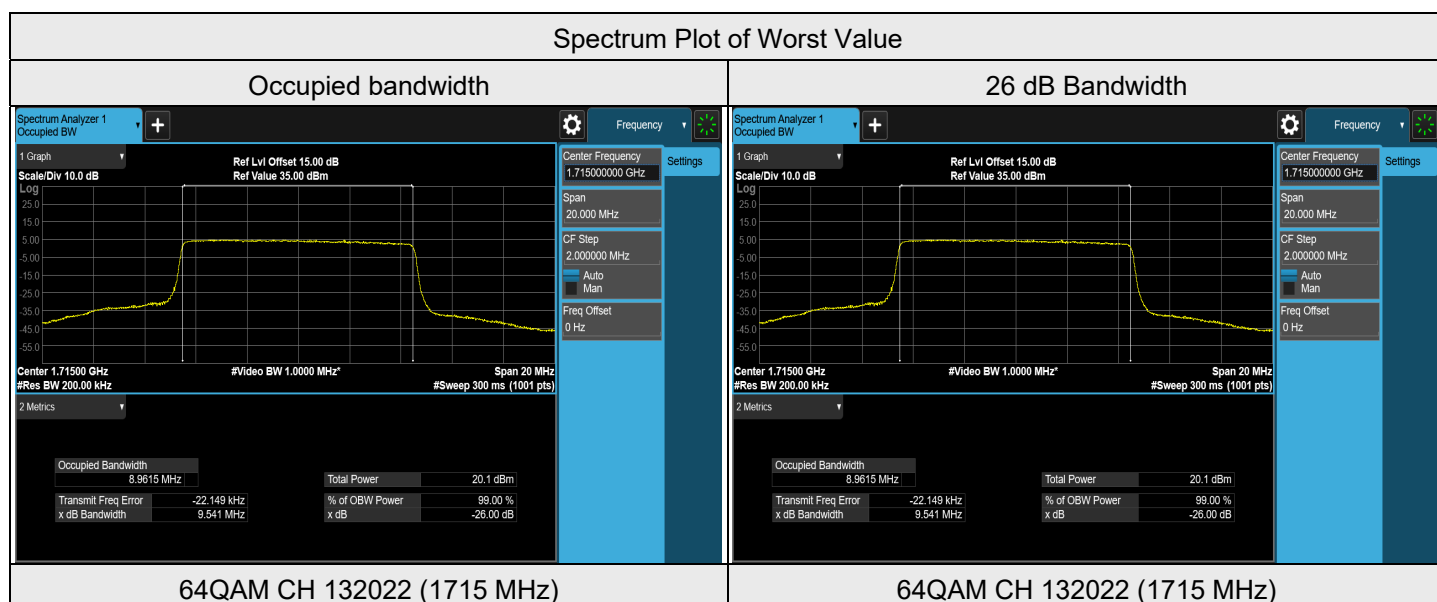
LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131997	1712.5	4.4871	4.826
QPSK	132322	1745	4.4886	4.821
QPSK	132647	1777.5	4.4865	4.817
16QAM	131997	1712.5	4.4857	4.808
16QAM	132322	1745	4.4844	4.800
16QAM	132647	1777.5	4.4841	4.808
64QAM	131997	1712.5	4.4892	4.809
64QAM	132322	1745	4.4885	4.785
64QAM	132647	1777.5	4.4870	4.817



LTE Band 66, Channel Bandwidth: 10 MHz

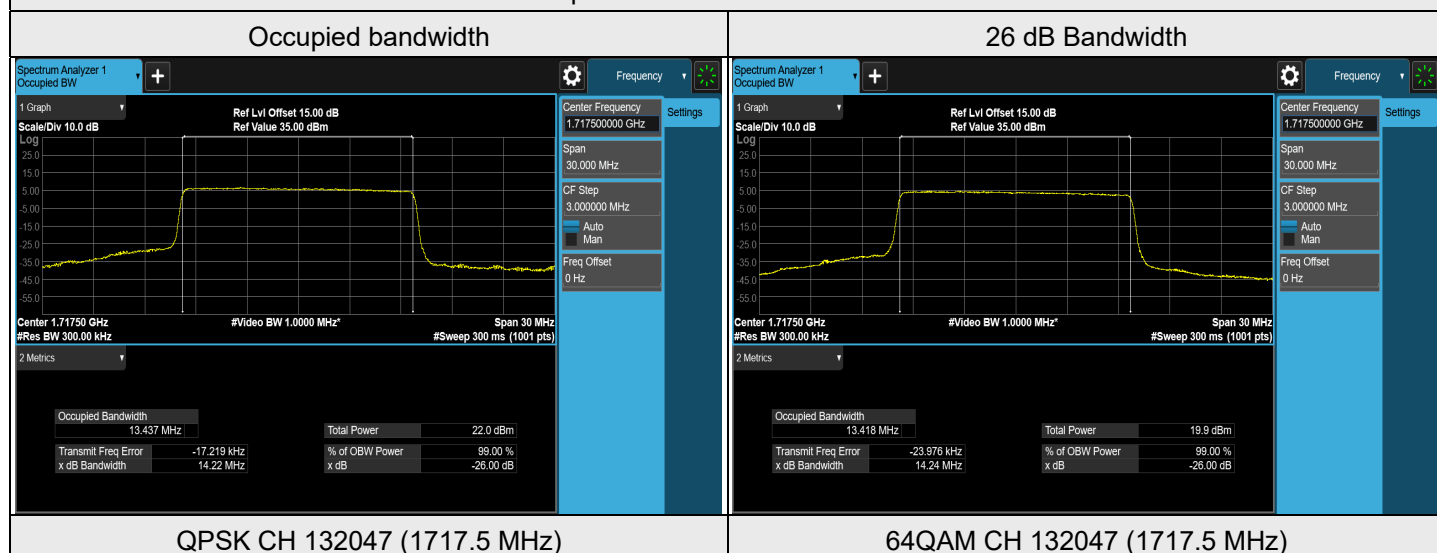
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132022	1715	8.9571	9.517
QPSK	132322	1745	8.9454	9.495
QPSK	132622	1775	8.9317	9.481
16QAM	132022	1715	8.9557	9.493
16QAM	132322	1745	8.9463	9.499
16QAM	132622	1775	8.9246	9.484
64QAM	132022	1715	8.9615	9.541
64QAM	132322	1745	8.9462	9.520
64QAM	132622	1775	8.9277	9.506



LTE Band 66, Channel Bandwidth: 15 MHz

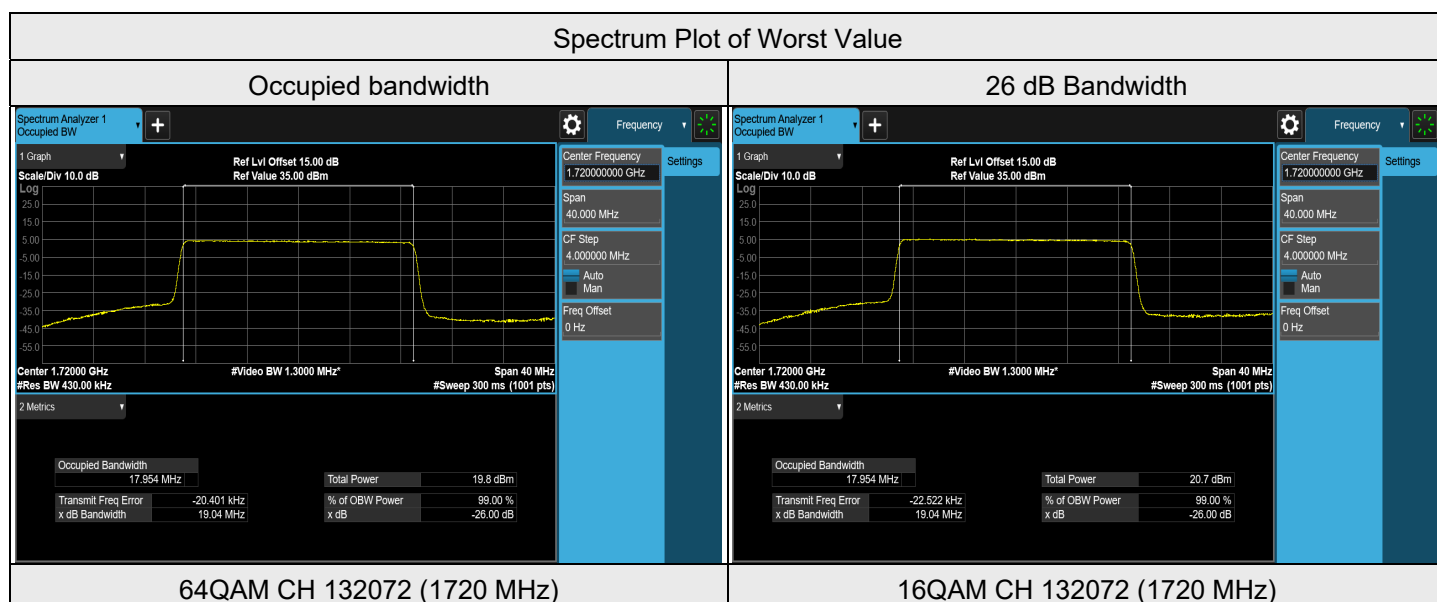
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132047	1717.5	13.4373	14.219
QPSK	132322	1745	13.3981	14.196
QPSK	132597	1772.5	13.3600	14.172
16QAM	132047	1717.5	13.4263	14.235
16QAM	132322	1745	13.3771	14.184
16QAM	132597	1772.5	13.3469	14.171
64QAM	132047	1717.5	13.4175	14.239
64QAM	132322	1745	13.3756	14.190
64QAM	132597	1772.5	13.3450	14.179

Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 20 MHz

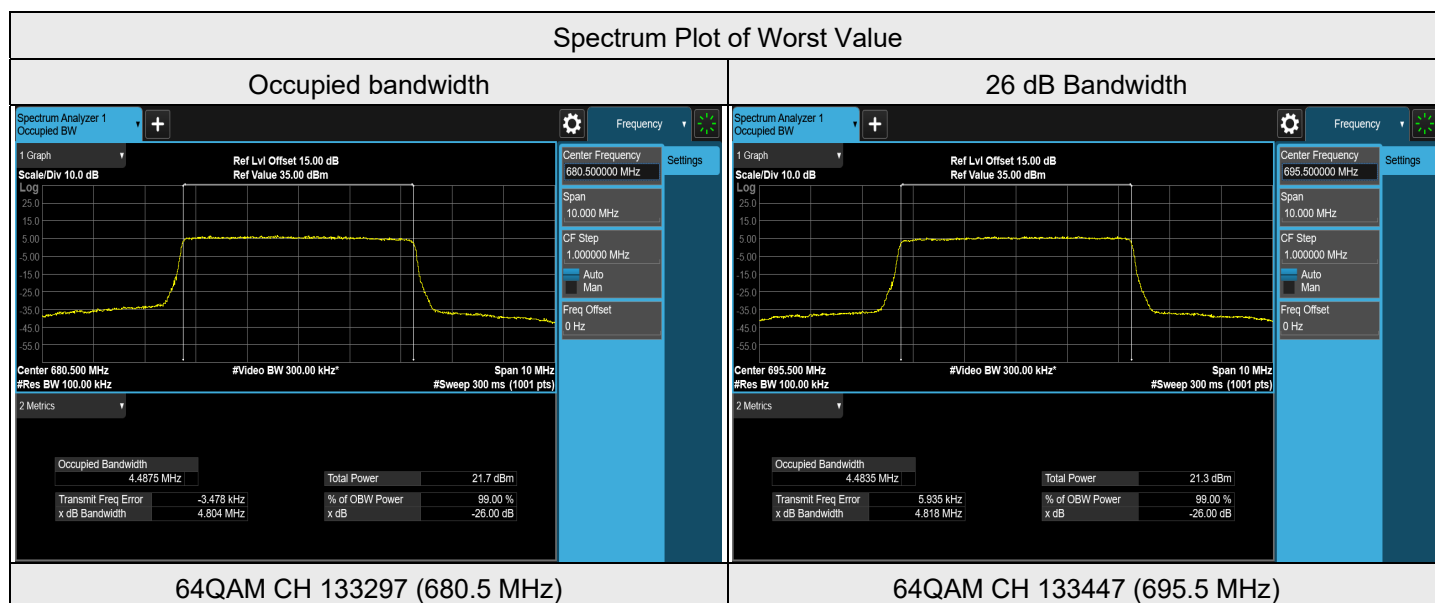
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	17.9492	19.028
QPSK	132322	1745	17.8392	18.975
QPSK	132572	1770	17.8080	18.944
16QAM	132072	1720	17.9538	19.043
16QAM	132322	1745	17.8465	18.957
16QAM	132572	1770	17.8305	18.954
64QAM	132072	1720	17.9543	19.040
64QAM	132322	1745	17.8441	18.960
64QAM	132572	1770	17.8247	18.945



7.4.14 LTE Band 71

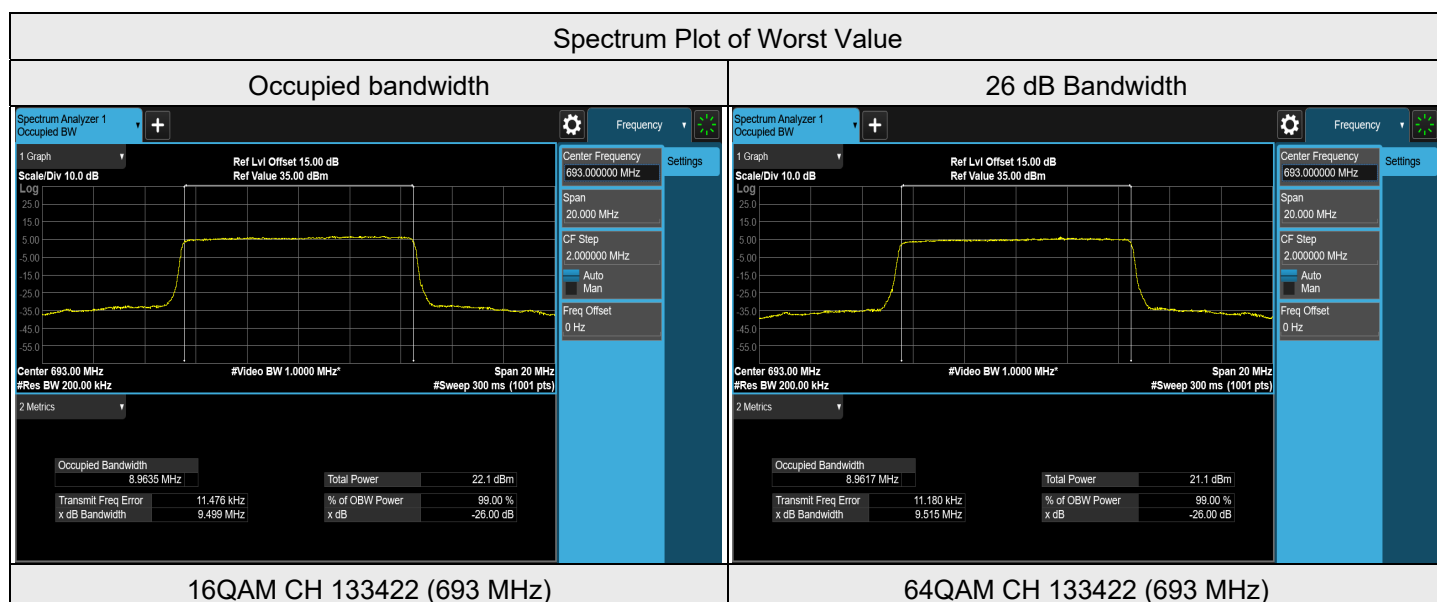
LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133147	665.5	4.4745	4.798
QPSK	133297	680.5	4.4831	4.794
QPSK	133447	695.5	4.4863	4.809
16QAM	133147	665.5	4.4686	4.780
16QAM	133297	680.5	4.4799	4.798
16QAM	133447	695.5	4.4810	4.806
64QAM	133147	665.5	4.4699	4.784
64QAM	133297	680.5	4.4875	4.804
64QAM	133447	695.5	4.4835	4.818



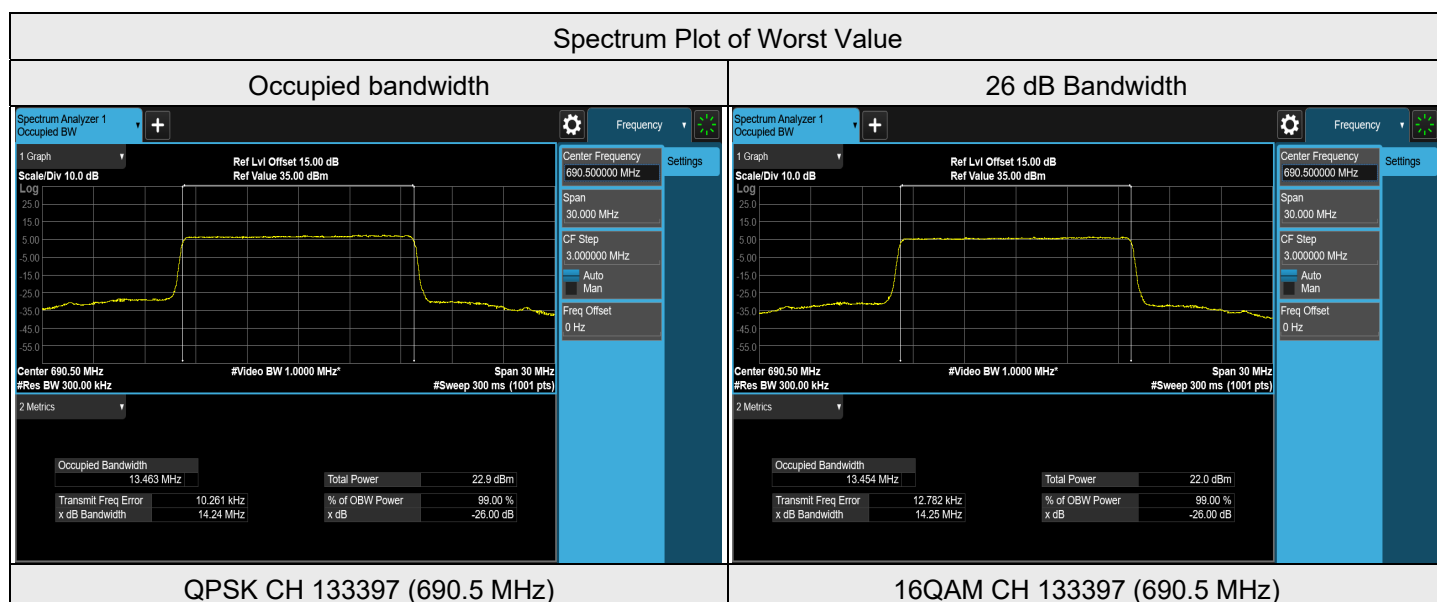
LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133172	668	8.9554	9.494
QPSK	133297	680.5	8.9448	9.498
QPSK	133422	693	8.9632	9.508
16QAM	133172	668	8.9517	9.486
16QAM	133297	680.5	8.9343	9.492
16QAM	133422	693	8.9635	9.499
64QAM	133172	668	8.9498	9.510
64QAM	133297	680.5	8.9409	9.501
64QAM	133422	693	8.9617	9.515



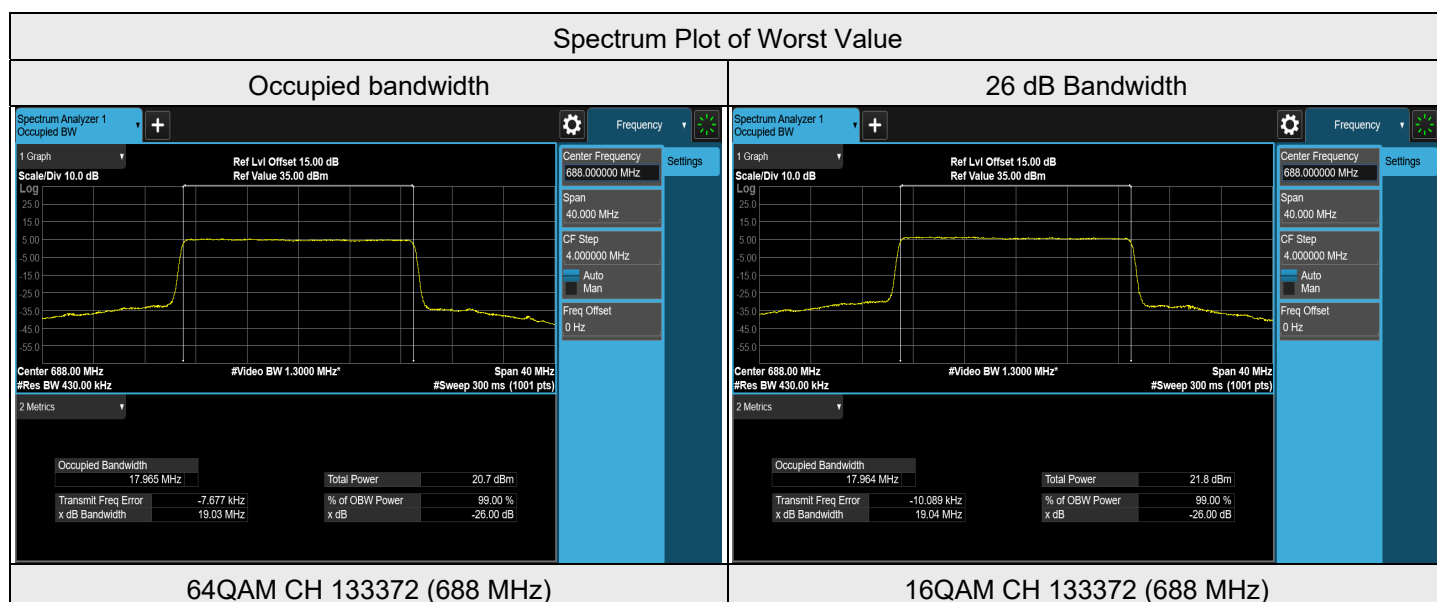
LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133197	670.5	13.4525	14.220
QPSK	133297	680.5	13.3674	14.177
QPSK	133397	690.5	13.4626	14.239
16QAM	133197	670.5	13.4460	14.244
16QAM	133297	680.5	13.3573	14.190
16QAM	133397	690.5	13.4539	14.252
64QAM	133197	670.5	13.4361	14.240
64QAM	133297	680.5	13.3523	14.182
64QAM	133397	690.5	13.4487	14.234



LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133222	673	17.8918	18.974
QPSK	133297	680.5	17.8027	18.945
QPSK	133372	688	17.9543	19.029
16QAM	133222	673	17.9008	18.969
16QAM	133297	680.5	17.8180	18.960
16QAM	133372	688	17.9641	19.041
64QAM	133222	673	17.8899	18.983
64QAM	133297	680.5	17.8036	18.940
64QAM	133372	688	17.9645	19.028

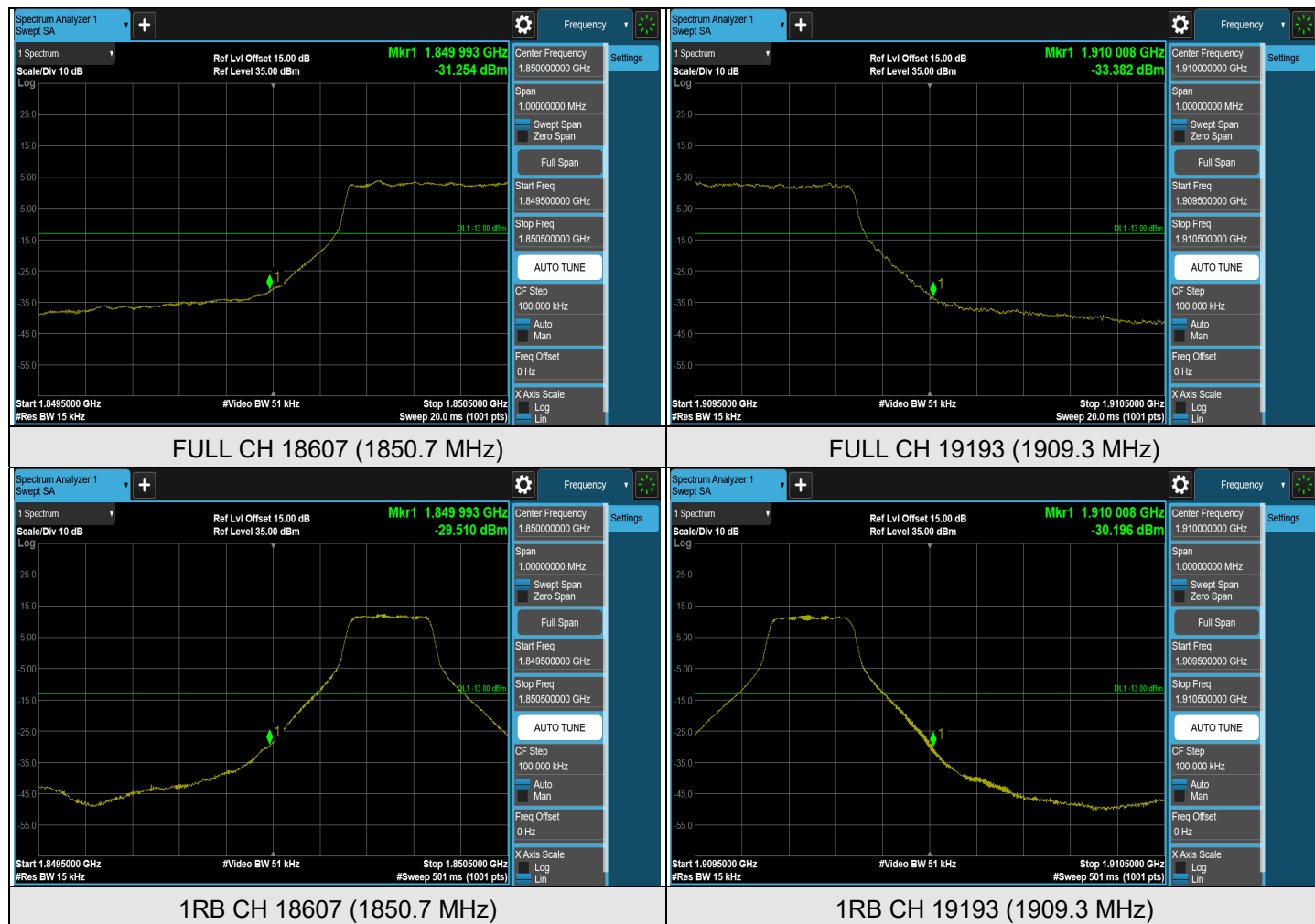


7.5 Conducted Spurious Emissions

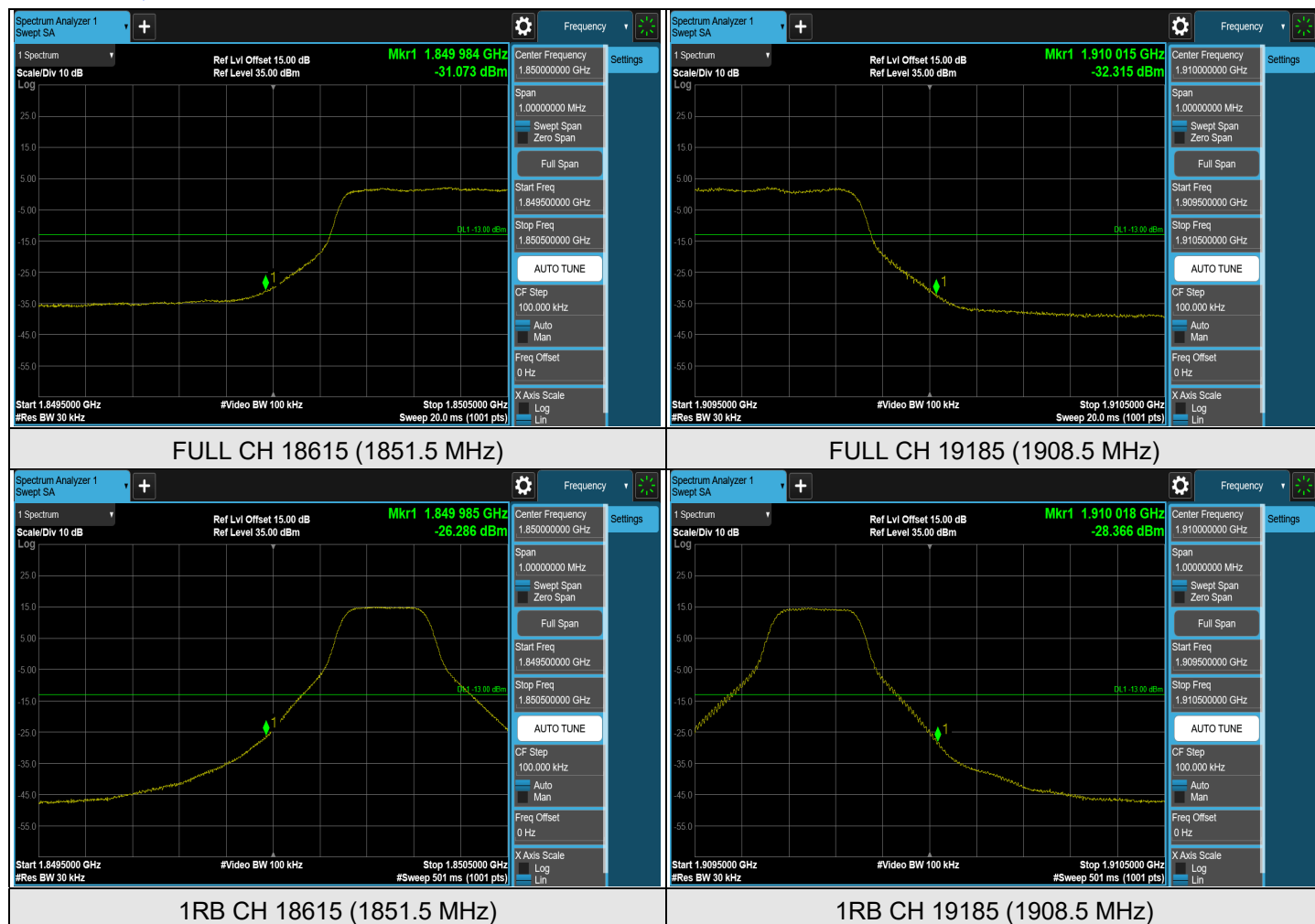
Input Power:	3.8 Vdc	Environmental Conditions:	21°C, 72% RH	Tested By:	Willy Cheng
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7.5.1 LTE Band 2

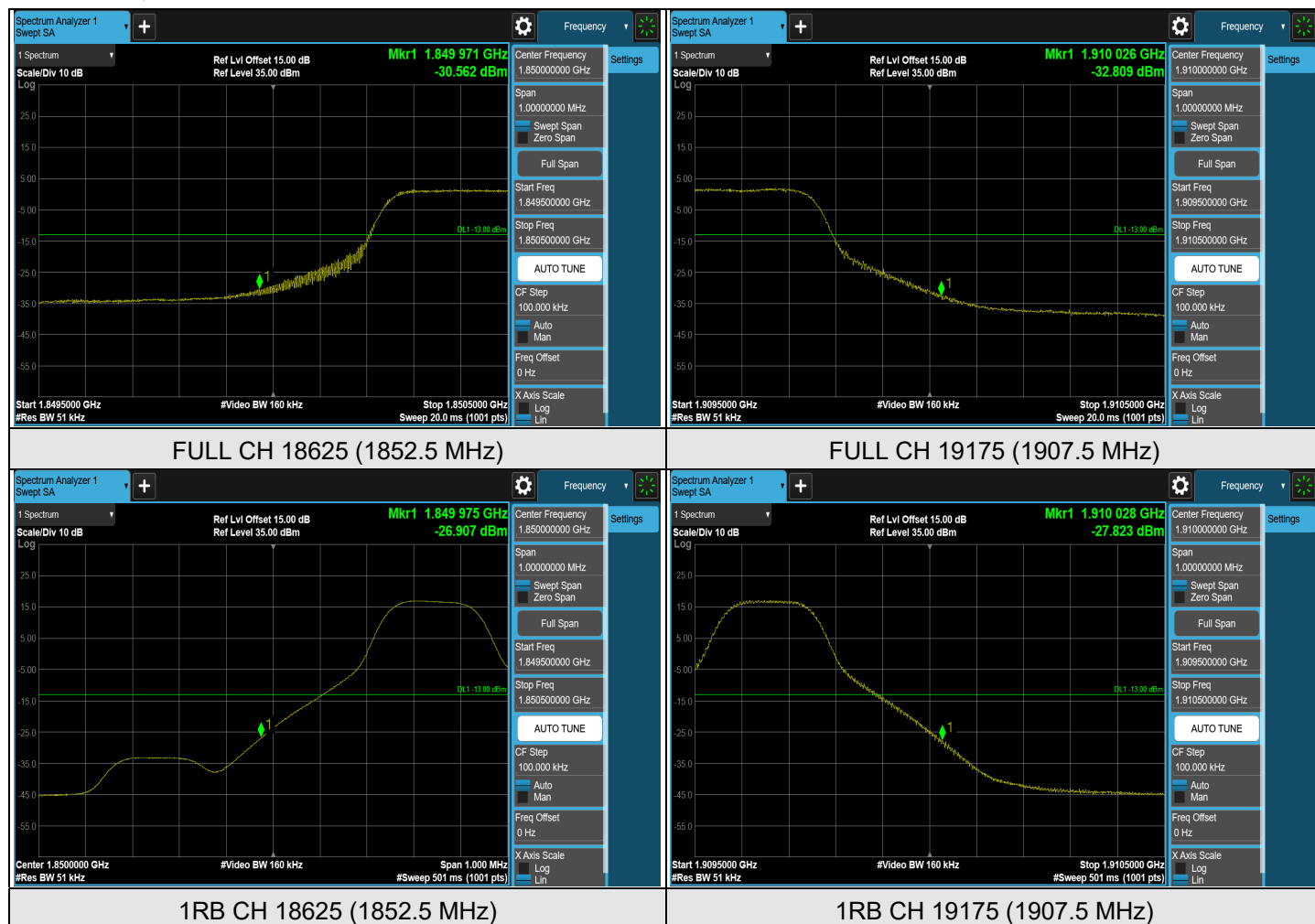
LTE Band 2, Channel Bandwidth: 1.4 MHz



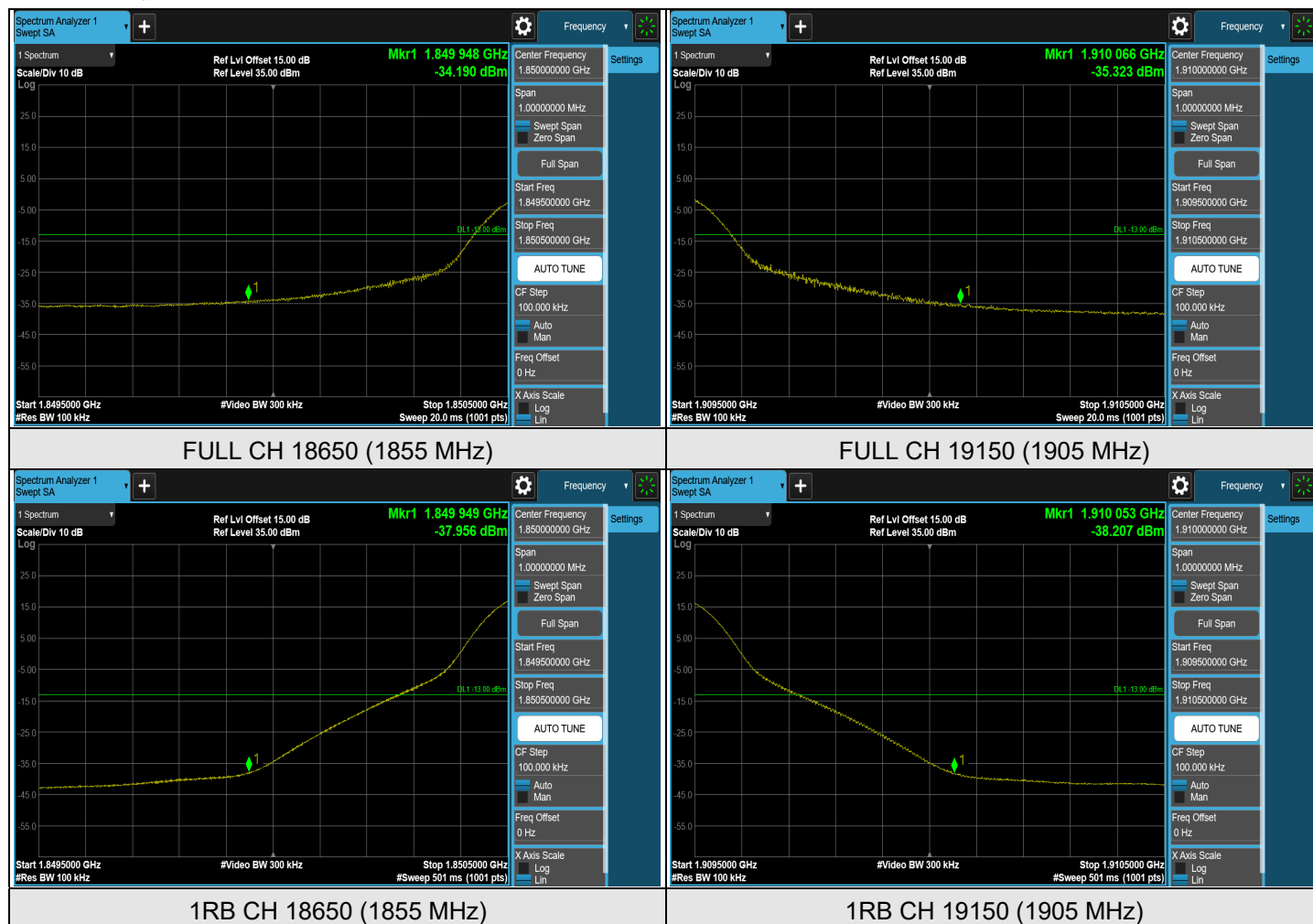
LTE Band 2, Channel Bandwidth: 3 MHz



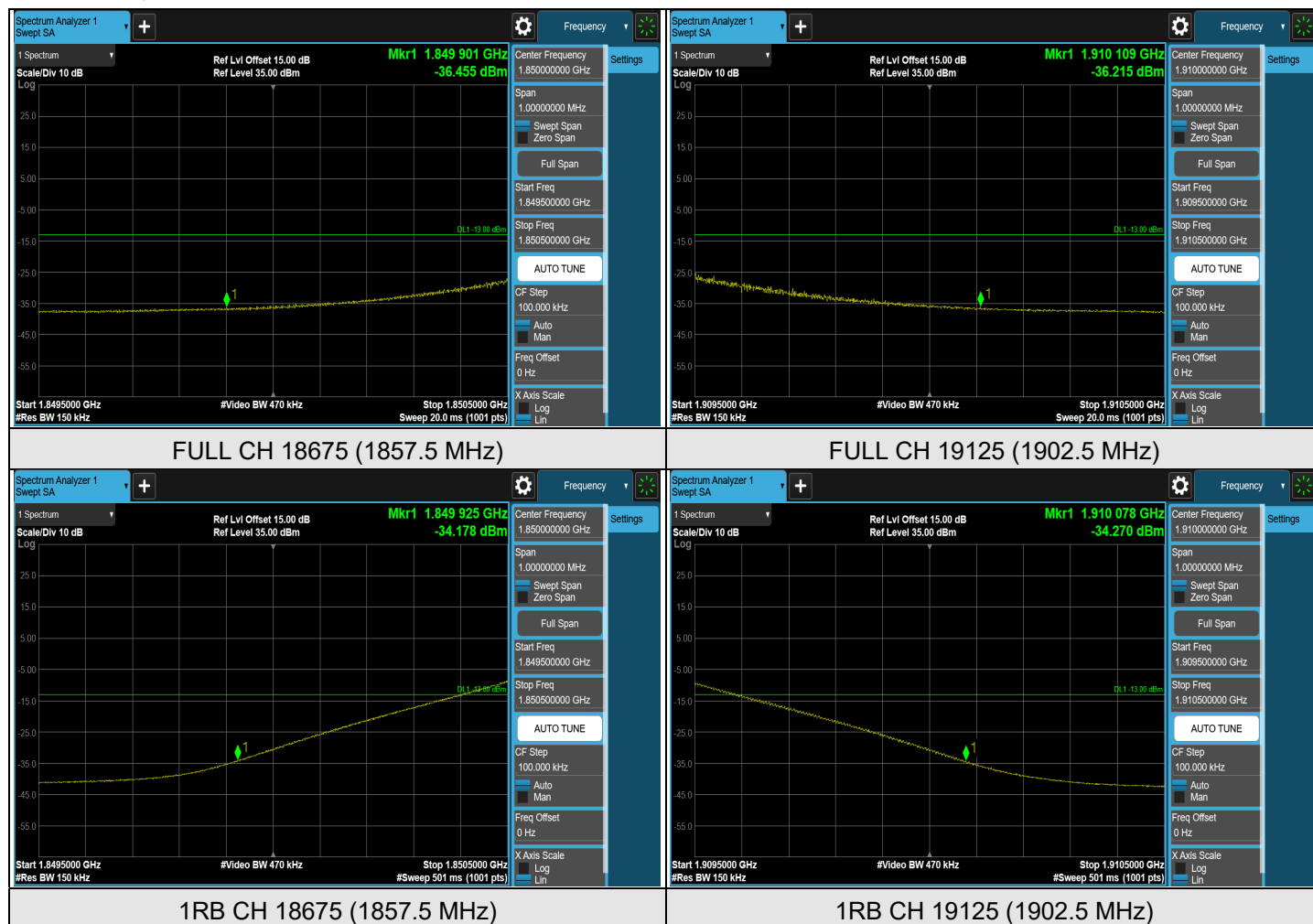
LTE Band 2, Channel Bandwidth: 5 MHz



LTE Band 2, Channel Bandwidth: 10 MHz



LTE Band 2, Channel Bandwidth: 15 MHz



LTE Band 2, Channel Bandwidth: 20 MHz

