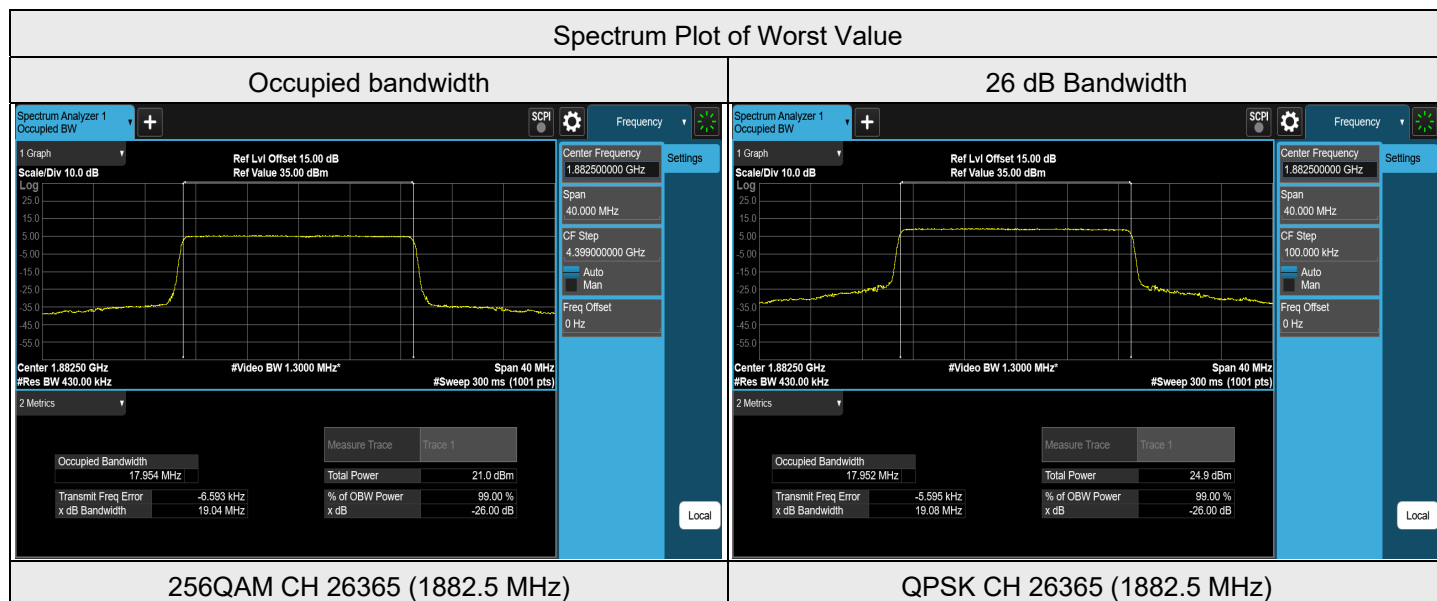


LTE Band 25, Channel Bandwidth: 20 MHz

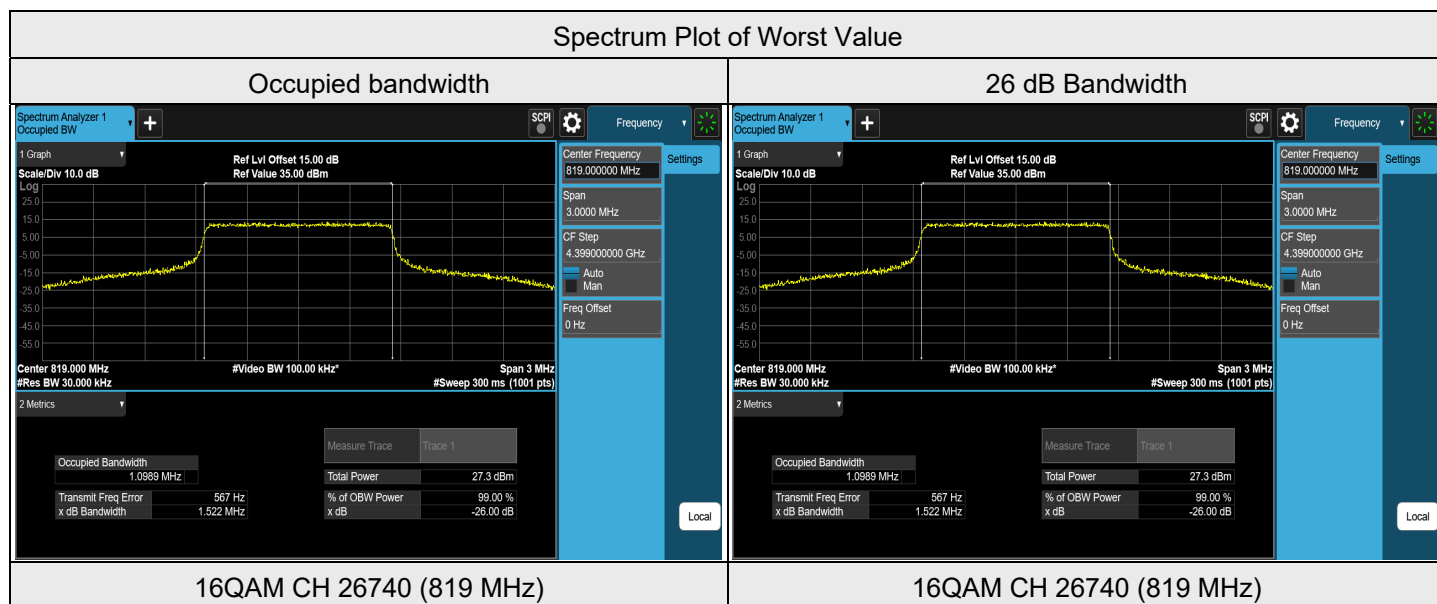
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26365	1882.5	17.9522	19.080
16QAM	26365	1882.5	17.9488	19.070
64QAM	26365	1882.5	17.9533	19.031
256QAM	26365	1882.5	17.9538	19.037



7.4.10 LTE Band 26 (814 MHz ~ 824 MHz)

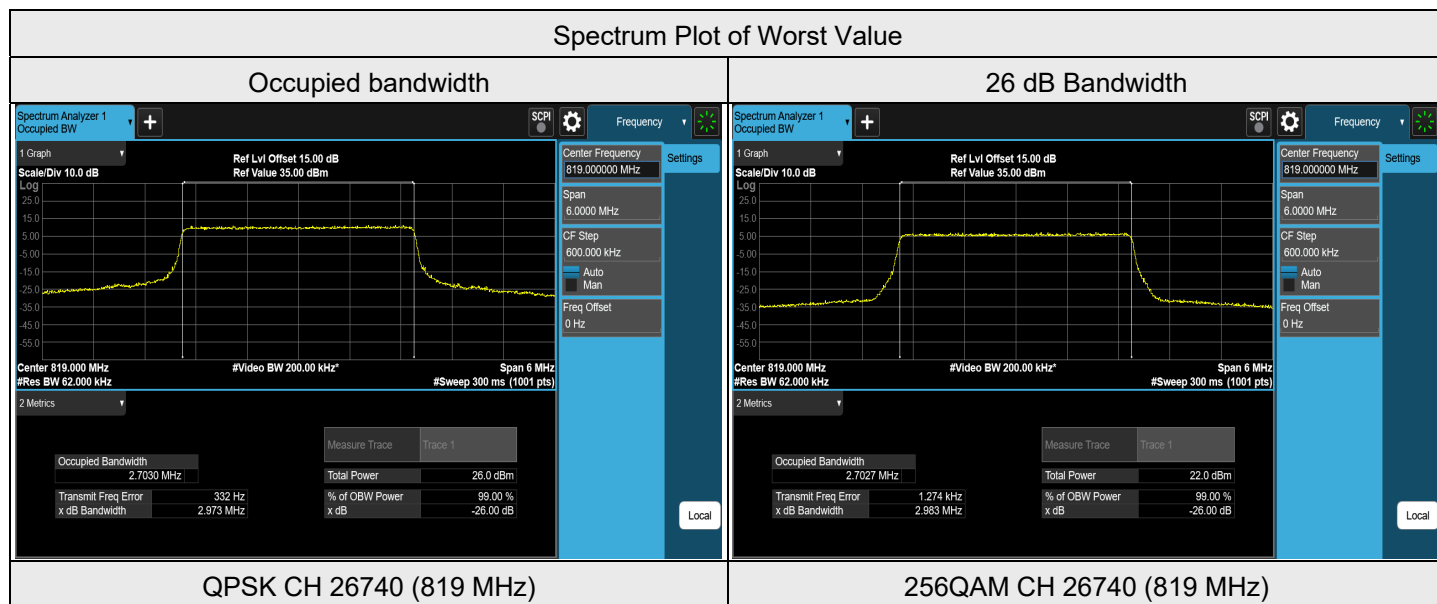
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	1.0974	1.492
16QAM	26740	819	1.0989	1.522
64QAM	26740	819	1.0945	1.478
256QAM	26740	819	1.0914	1.307



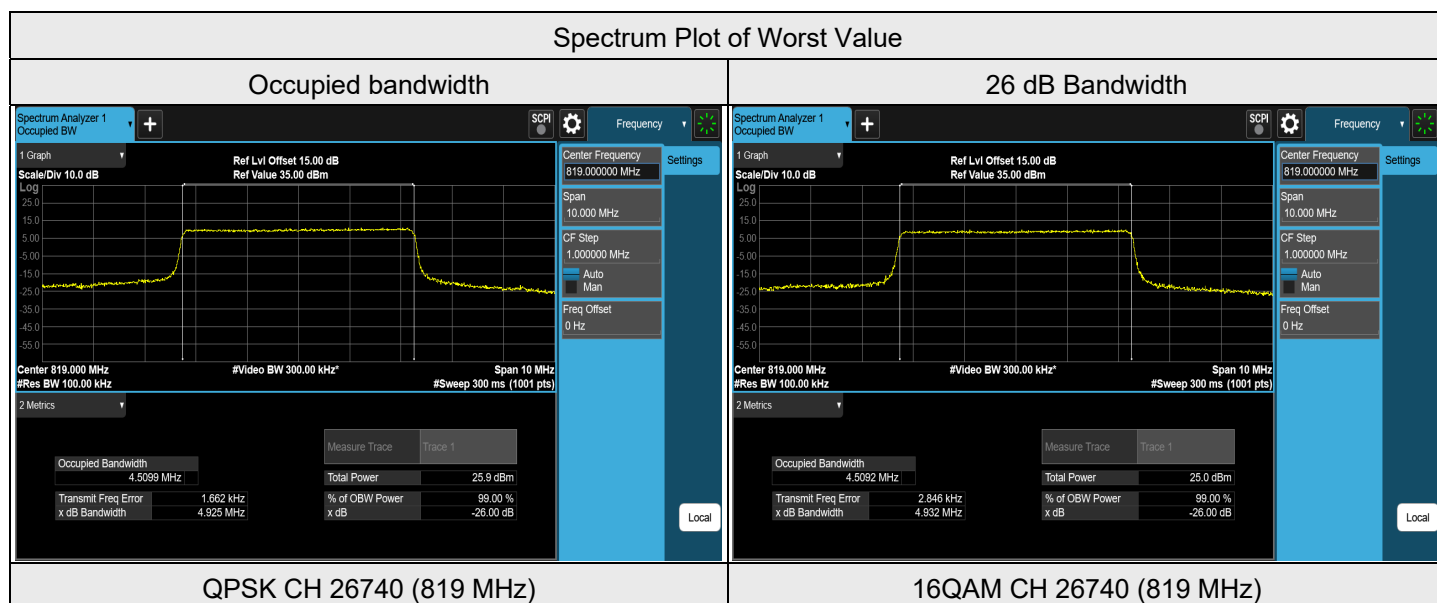
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	2.7030	2.973
16QAM	26740	819	2.7025	2.956
64QAM	26740	819	2.7028	2.958
256QAM	26740	819	2.7027	2.983



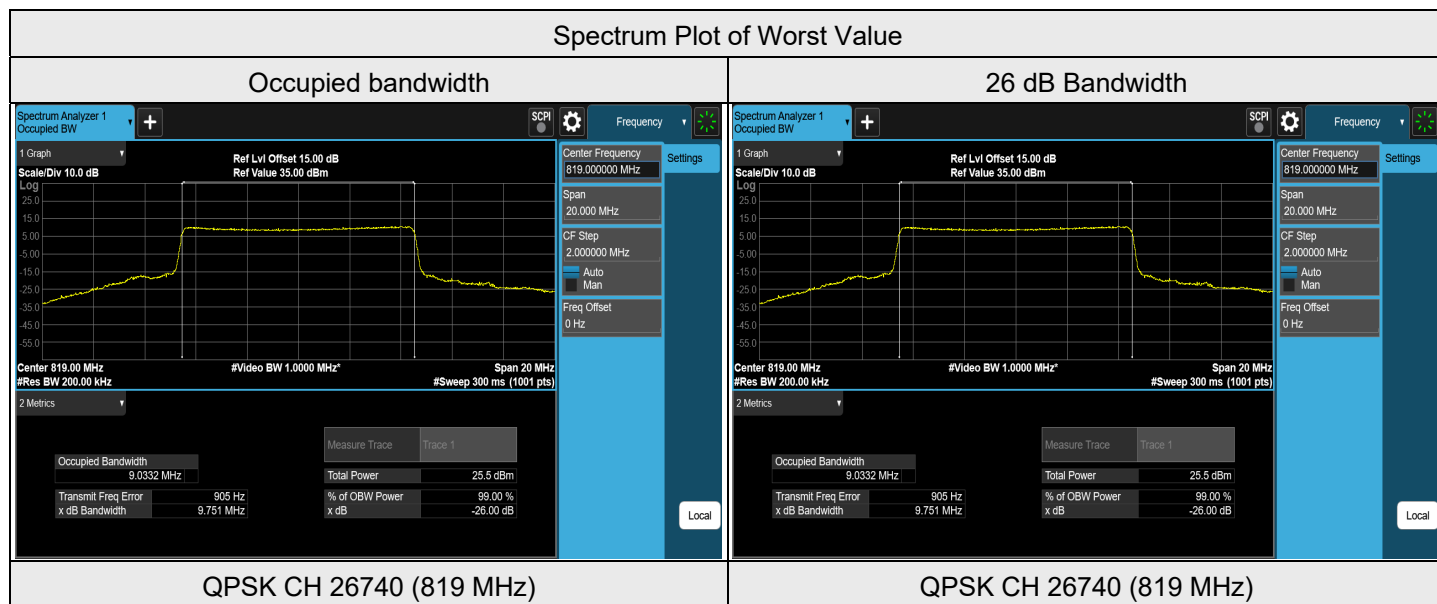
LTE Band 26 (814 MHz ~ 824 MHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	4.5099	4.925
16QAM	26740	819	4.5092	4.932
64QAM	26740	819	4.5017	4.920
256QAM	26740	819	4.5030	4.919



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

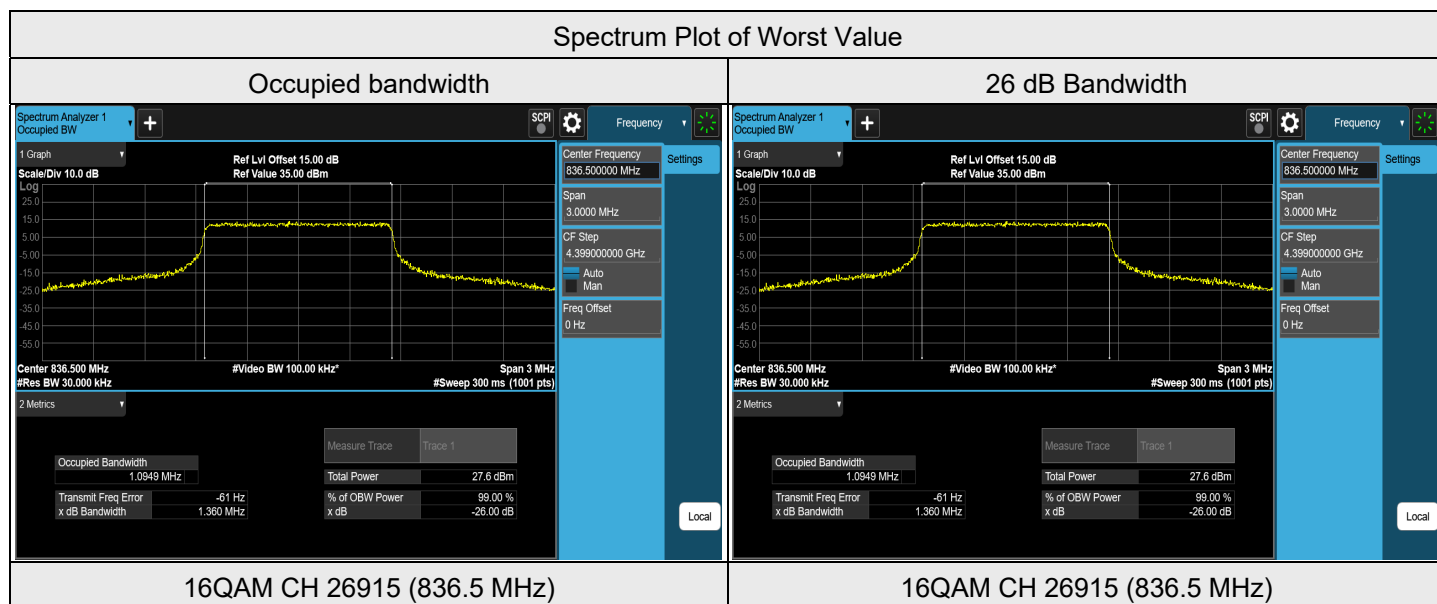
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26740	819	9.0332	9.751
16QAM	26740	819	9.0311	9.624
64QAM	26740	819	9.0246	9.623
256QAM	26740	819	9.0240	9.606



7.4.11 LTE Band 26 (824 MHz ~ 849 MHz)

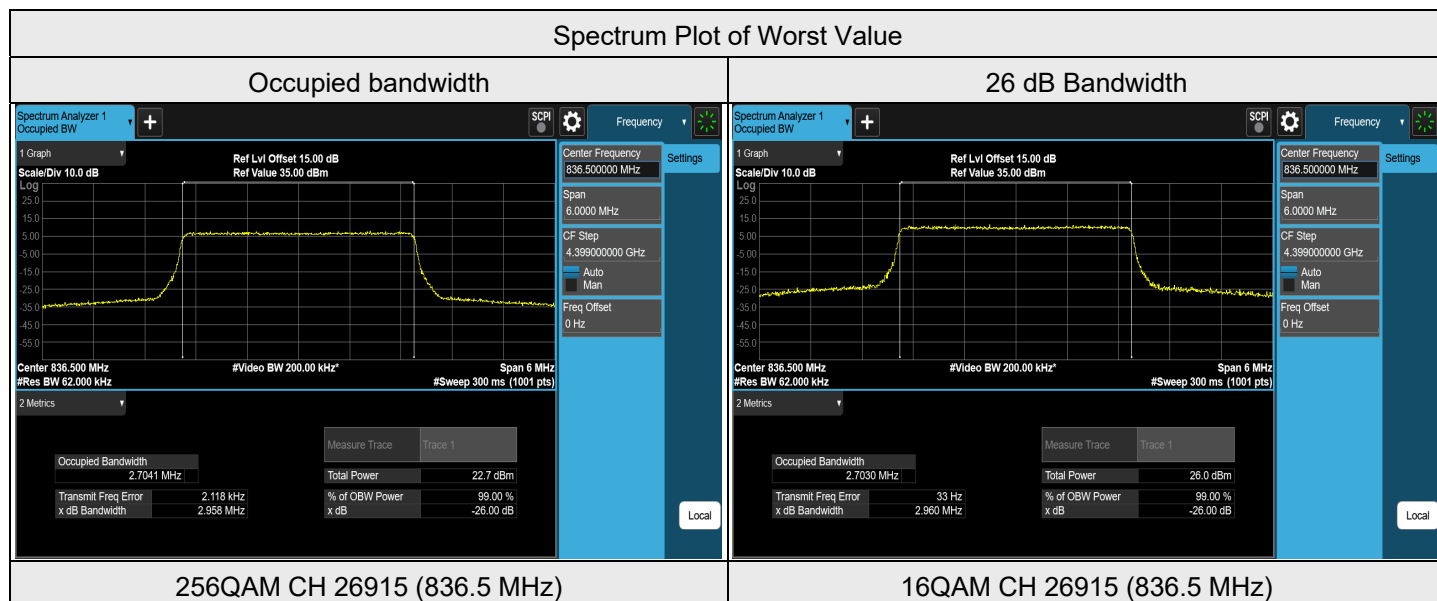
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26915	836.5	1.0897	1.353
16QAM	26915	836.5	1.0949	1.360
64QAM	26915	836.5	1.0938	1.343
256QAM	26915	836.5	1.0910	1.310



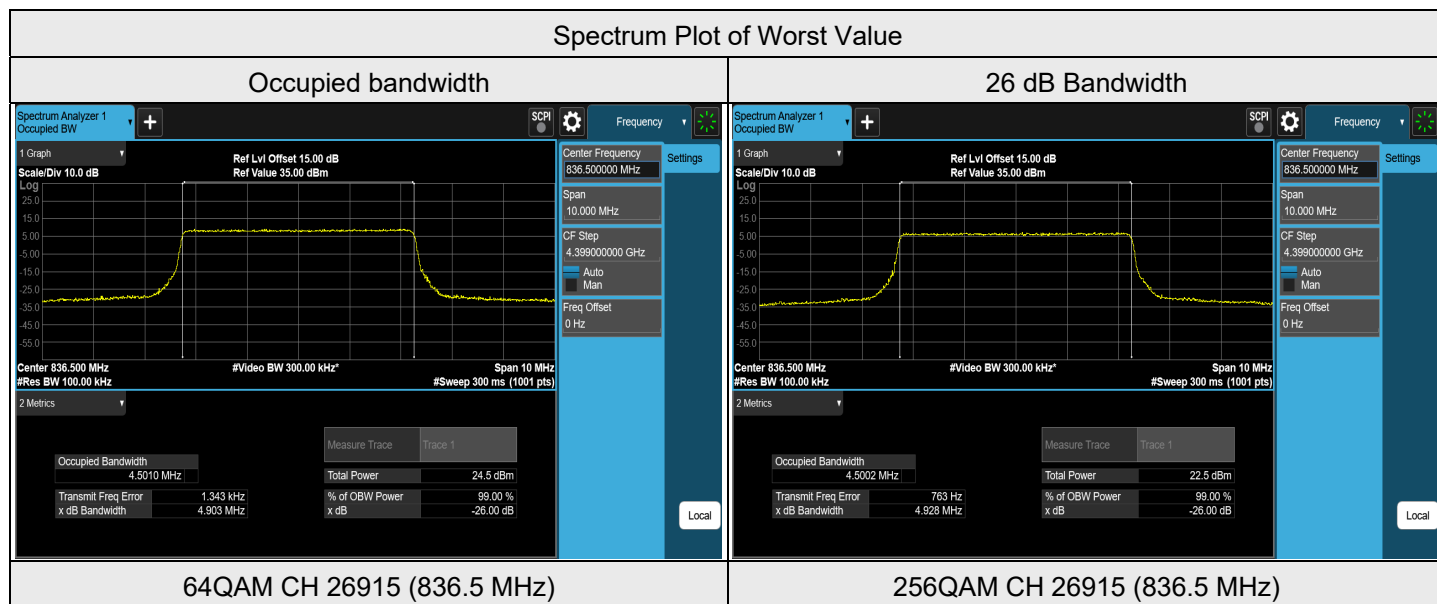
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26915	836.5	2.7016	2.957
16QAM	26915	836.5	2.7030	2.960
64QAM	26915	836.5	2.7016	2.952
256QAM	26915	836.5	2.7041	2.958



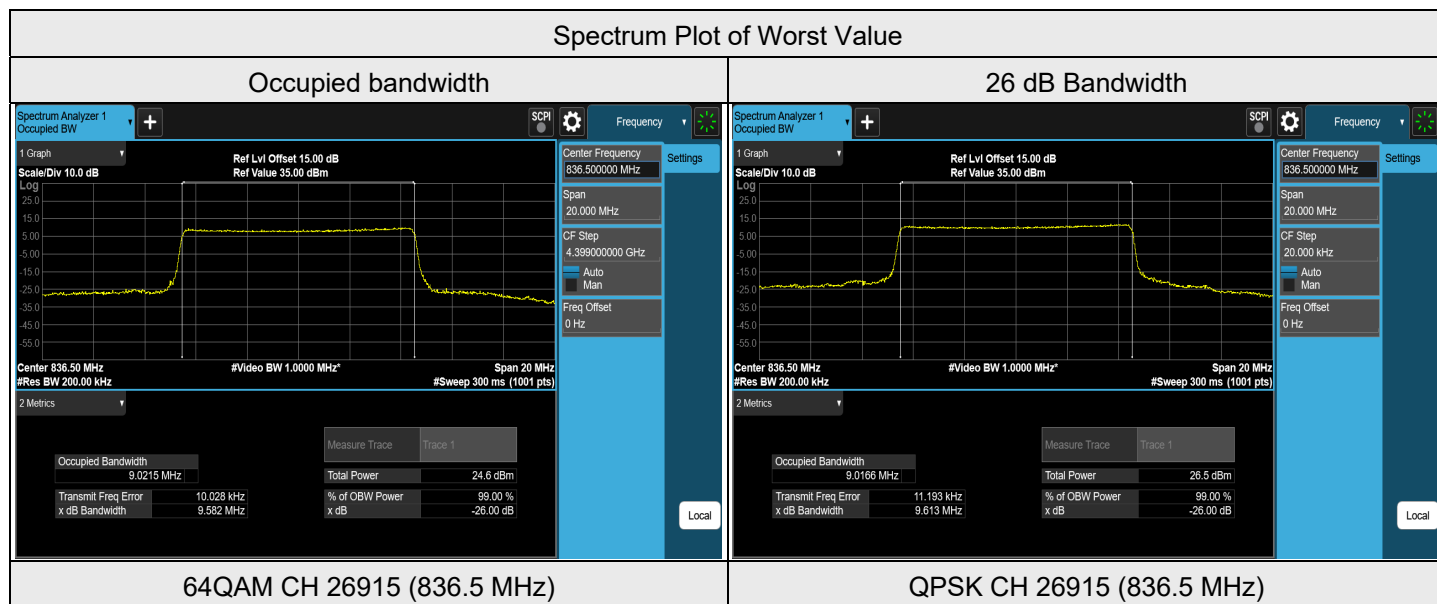
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26915	836.5	4.4995	4.897
16QAM	26915	836.5	4.4994	4.924
64QAM	26915	836.5	4.5010	4.903
256QAM	26915	836.5	4.5002	4.928



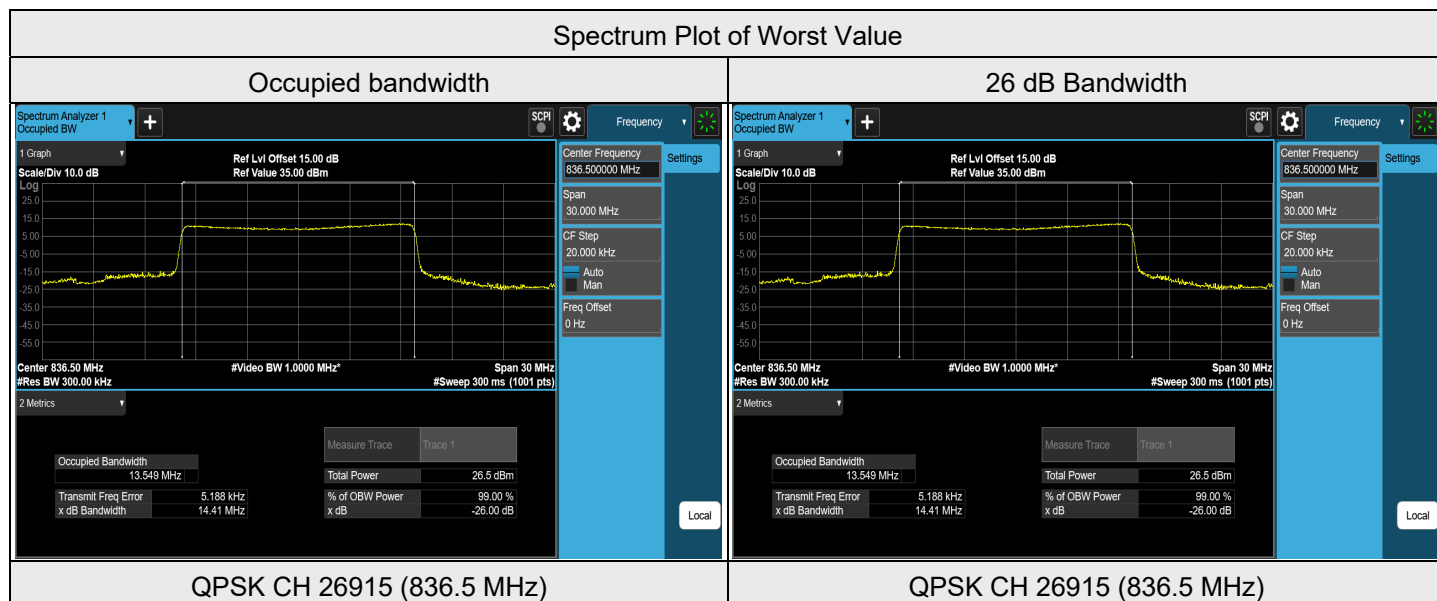
LTE Band 26 (824 MHz ~ 849 MHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26915	836.5	9.0166	9.613
16QAM	26915	836.5	9.0137	9.599
64QAM	26915	836.5	9.0215	9.582
256QAM	26915	836.5	9.0101	9.601



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

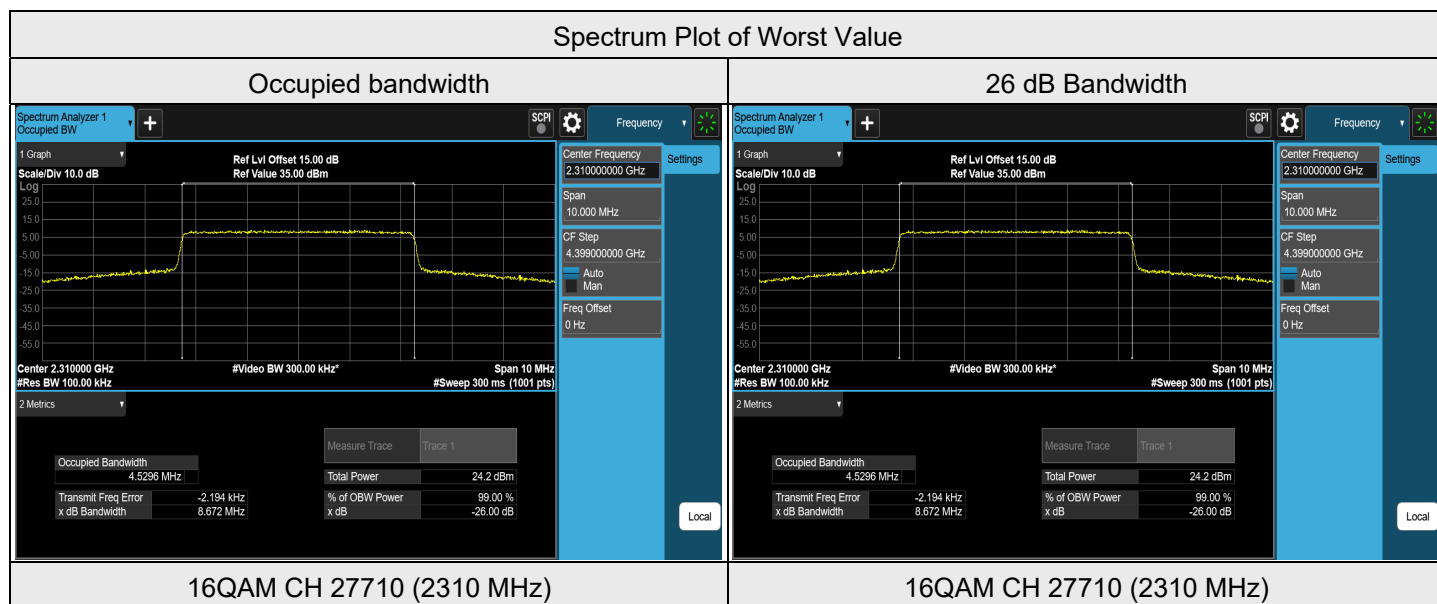
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	26915	836.5	13.5492	14.406
16QAM	26915	836.5	13.5415	14.297
64QAM	26915	836.5	13.5375	14.287
256QAM	26915	836.5	13.5385	14.305



7.4.12 LTE Band 30

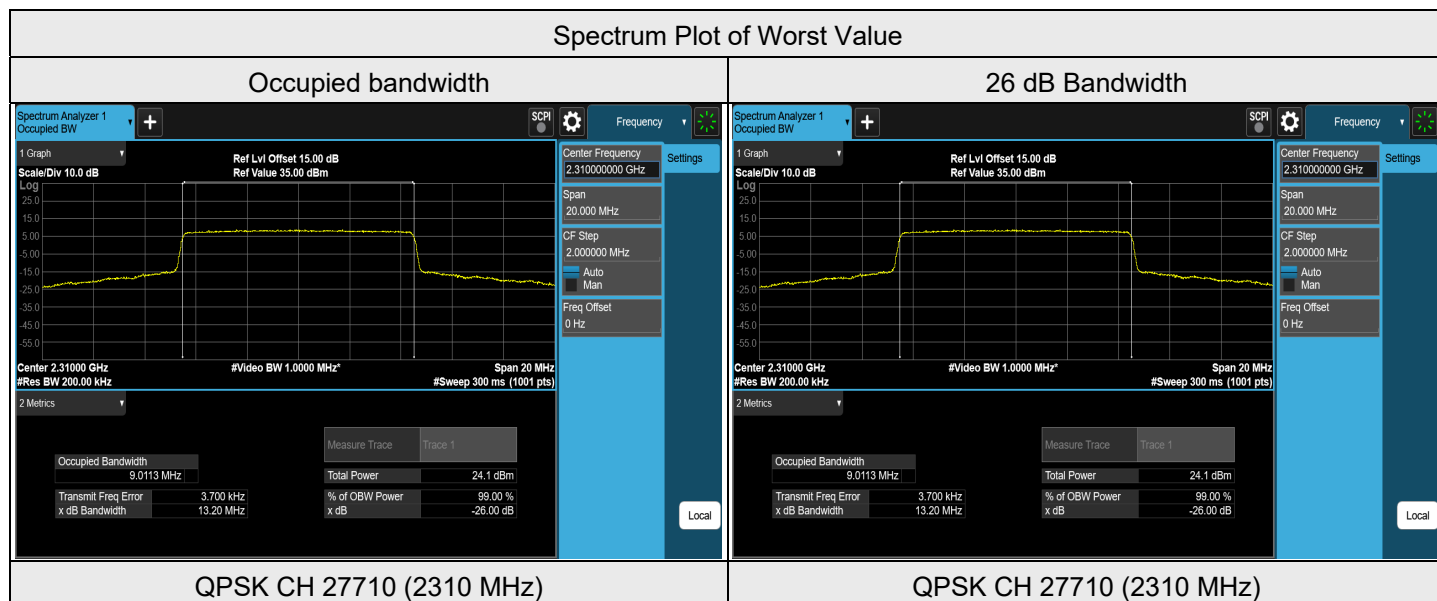
LTE Band 30, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	27710	2310	4.5244	6.864
16QAM	27710	2310	4.5296	8.672
64QAM	27710	2310	4.5155	6.553
256QAM	27710	2310	4.4881	4.898



LTE Band 30, Channel Bandwidth: 10 MHz

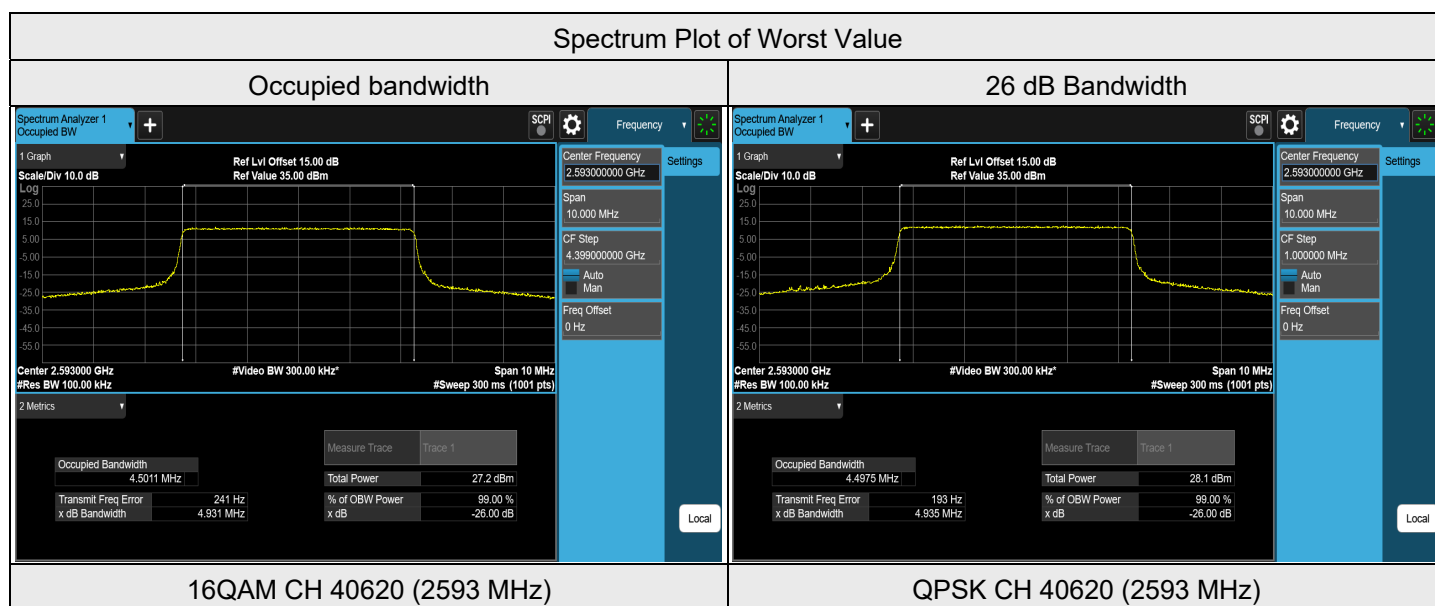
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	27710	2310	9.0113	13.202
16QAM	27710	2310	8.9994	10.599
64QAM	27710	2310	8.9835	9.576
256QAM	27710	2310	8.9689	9.524



7.4.13 LTE Band 41

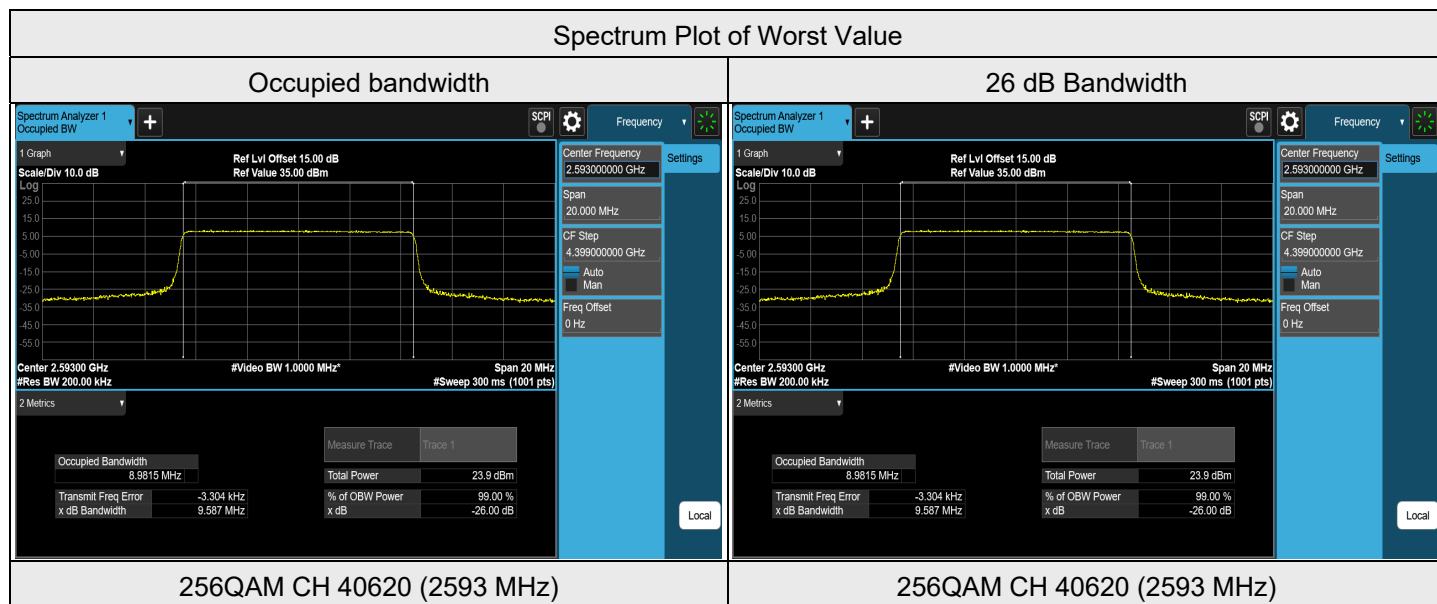
LTE Band 41, PC2, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40620	2593	4.4975	4.935
16QAM	40620	2593	4.5011	4.931
64QAM	40620	2593	4.4959	4.860
256QAM	40620	2593	4.5007	4.883



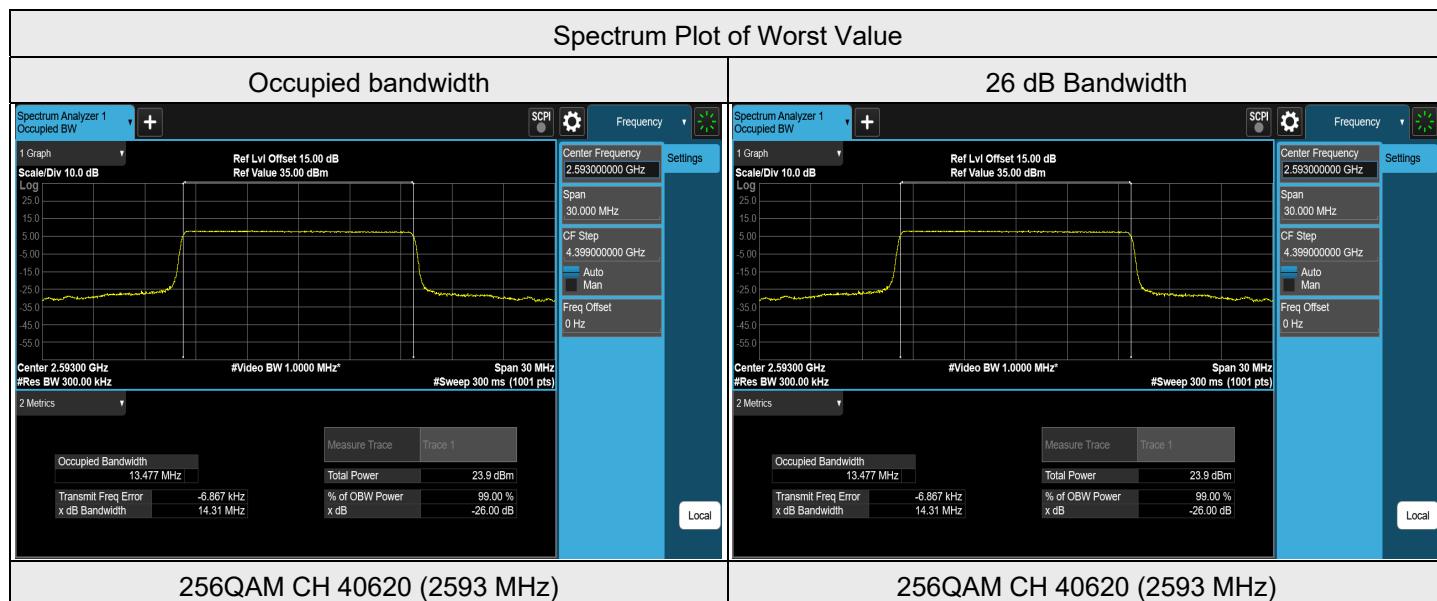
LTE Band 41, PC2, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40620	2593	8.9793	9.579
16QAM	40620	2593	8.9682	9.549
64QAM	40620	2593	8.9808	9.567
256QAM	40620	2593	8.9815	9.587



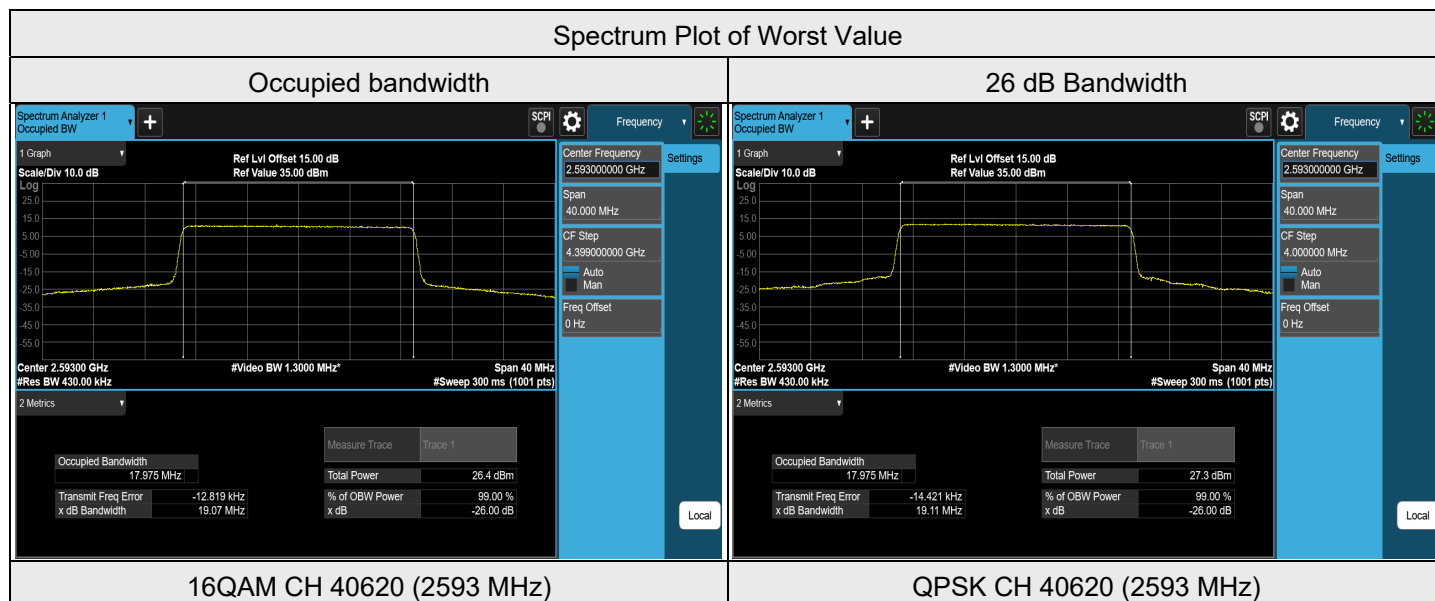
LTE Band 41, PC2, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40620	2593	13.4553	14.301
16QAM	40620	2593	13.4682	14.300
64QAM	40620	2593	13.4634	14.252
256QAM	40620	2593	13.4773	14.307



LTE Band 41, PC2, Channel Bandwidth: 20 MHz

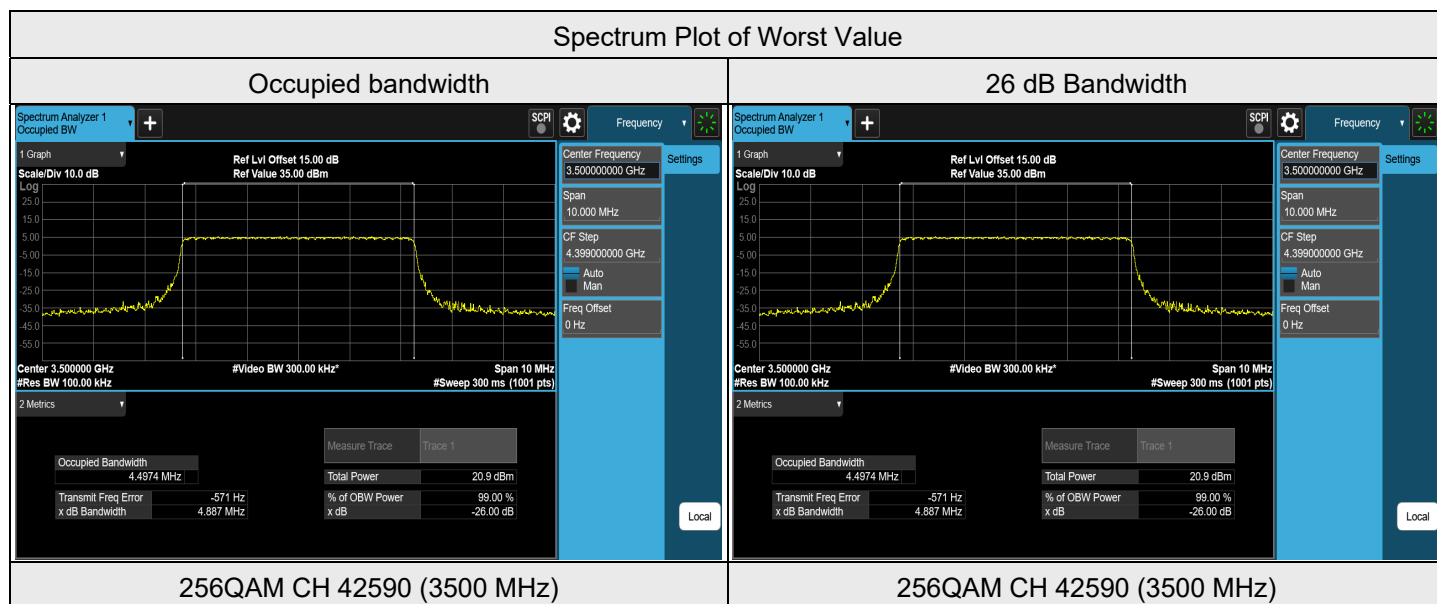
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	40620	2593	17.9746	19.110
16QAM	40620	2593	17.9752	19.067
64QAM	40620	2593	17.9645	19.057
256QAM	40620	2593	17.9727	19.039



7.4.14 LTE Band 42 (3.45 GHz ~ 3.55 GHz)

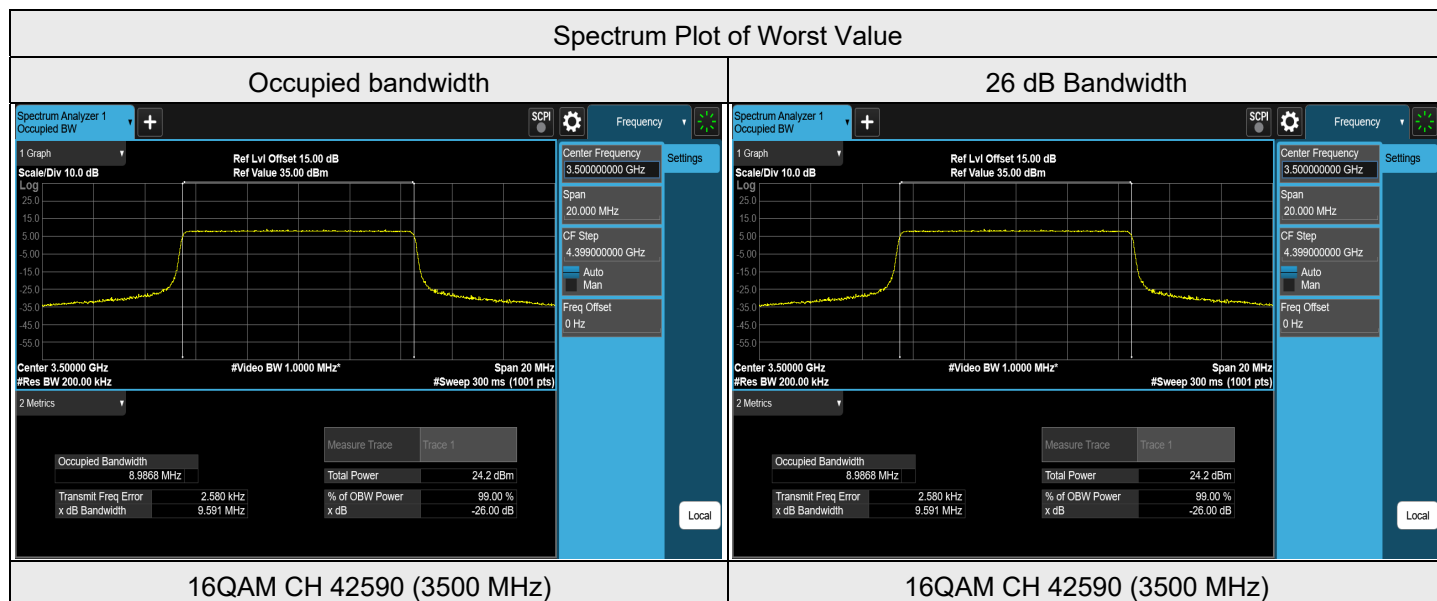
LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	42590	3500	4.4942	4.861
16QAM	42590	3500	4.4919	4.844
64QAM	42590	3500	4.4966	4.870
256QAM	42590	3500	4.4974	4.887



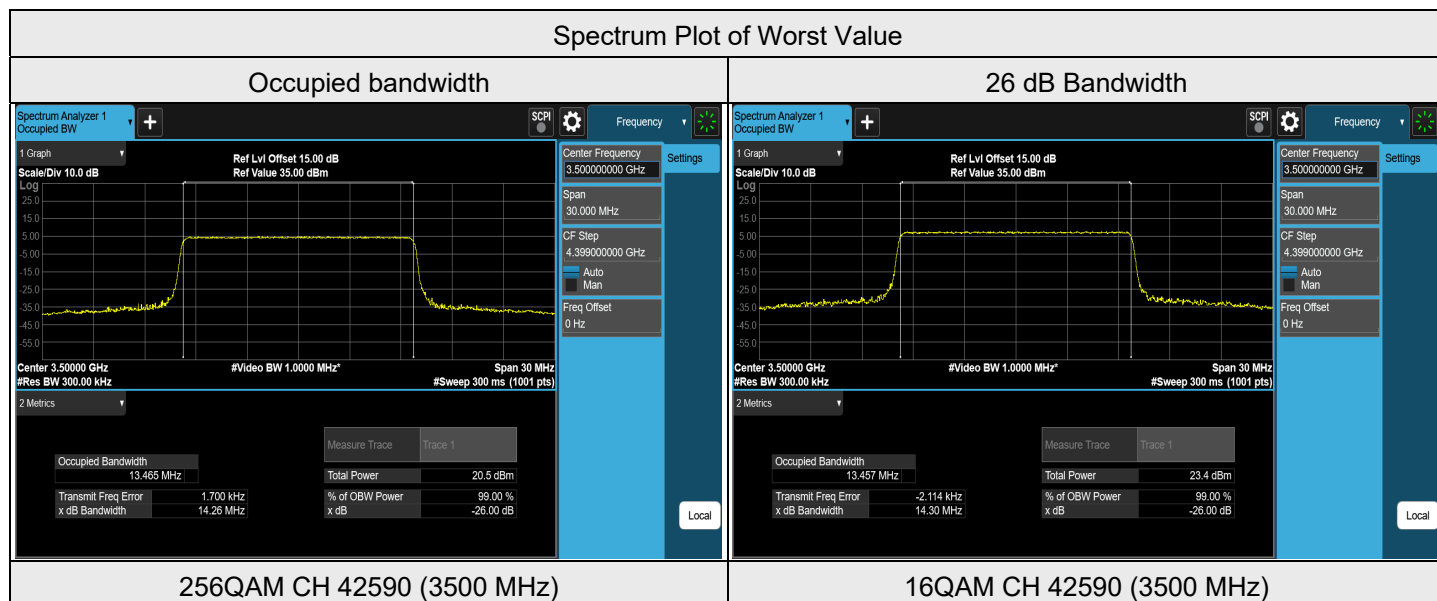
LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	42590	3500	8.9757	9.577
16QAM	42590	3500	8.9868	9.591
64QAM	42590	3500	8.9730	9.548
256QAM	42590	3500	8.9748	9.551



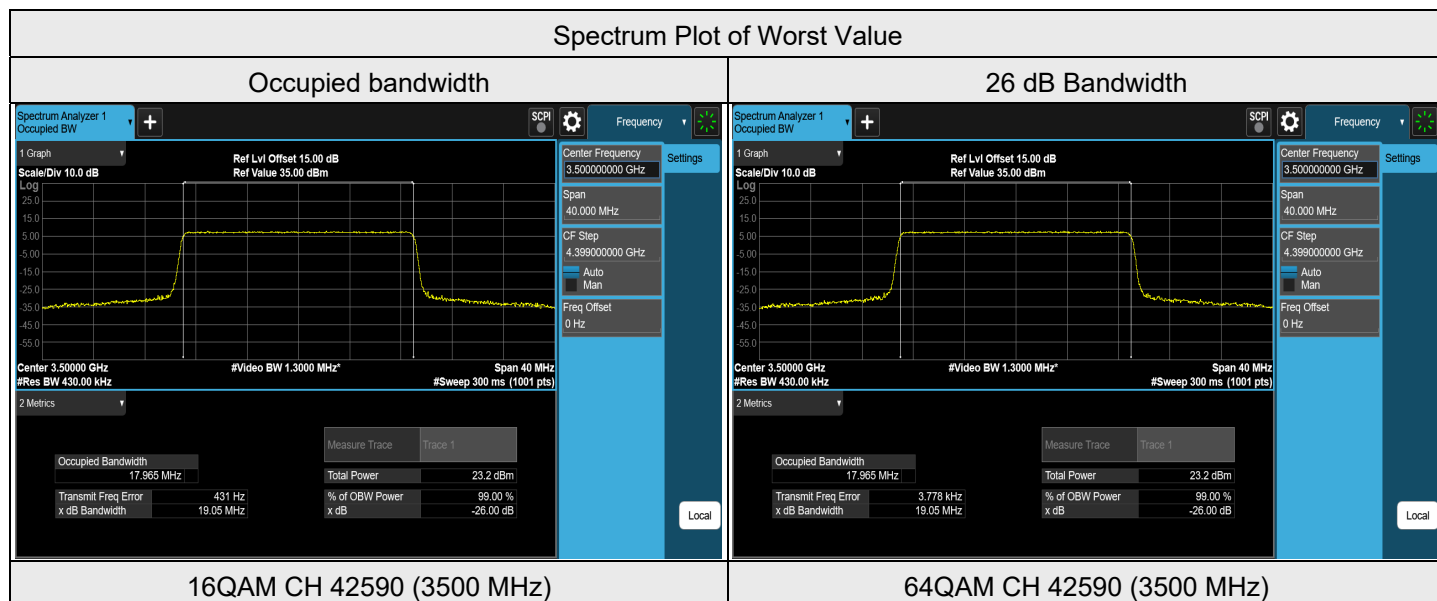
LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	42590	3500	13.4622	14.257
16QAM	42590	3500	13.4574	14.301
64QAM	42590	3500	13.4639	14.264
256QAM	42590	3500	13.4648	14.264



LTE Band 42 (3.45 GHz ~ 3.55 GHz), Channel Bandwidth: 20 MHz

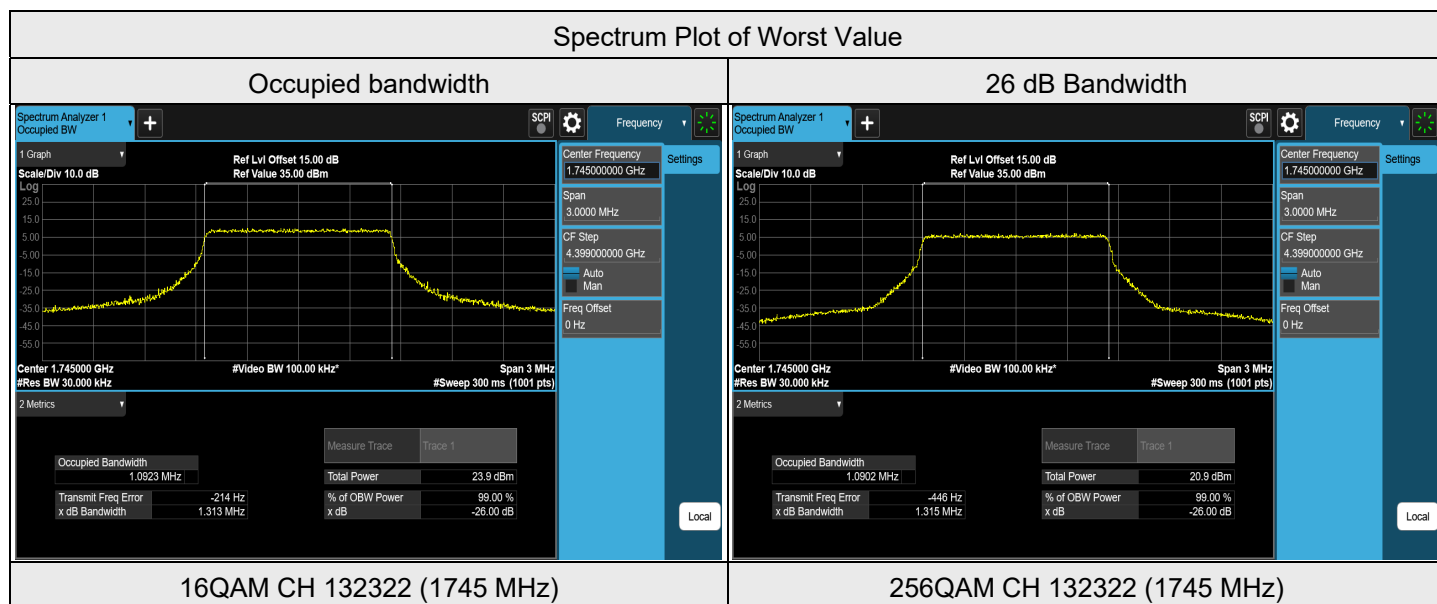
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	42590	3500	17.9636	19.037
16QAM	42590	3500	17.9655	19.052
64QAM	42590	3500	17.9647	19.053
256QAM	42590	3500	17.9536	19.042



7.4.15 LTE Band 66

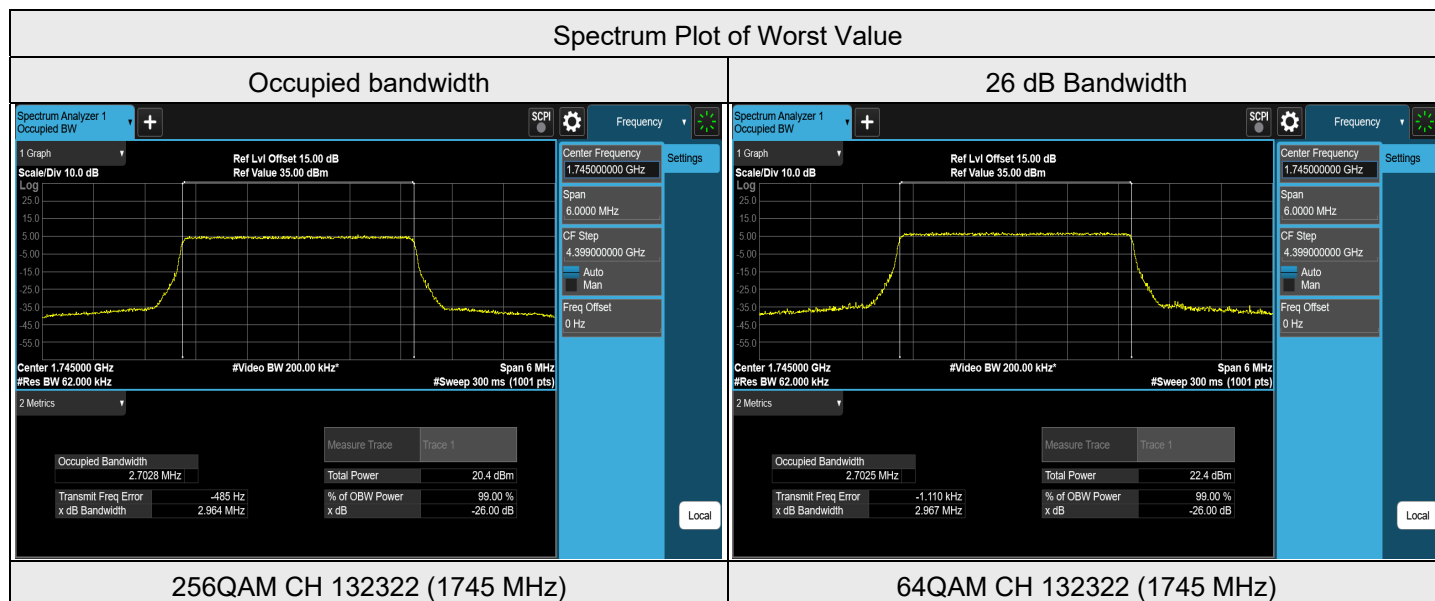
LTE Band 66, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	1.0905	1.296
16QAM	132322	1745	1.0923	1.313
64QAM	132322	1745	1.0898	1.300
256QAM	132322	1745	1.0902	1.315



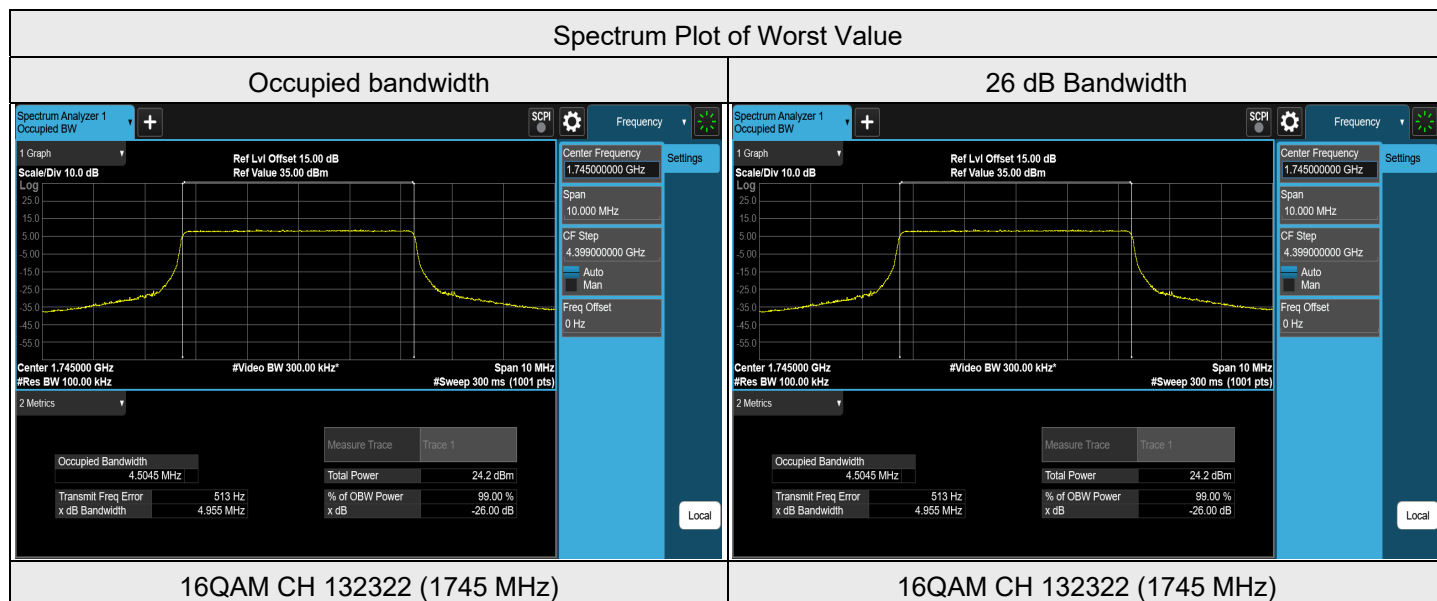
LTE Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	2.7000	2.964
16QAM	132322	1745	2.7015	2.951
64QAM	132322	1745	2.7025	2.967
256QAM	132322	1745	2.7028	2.964



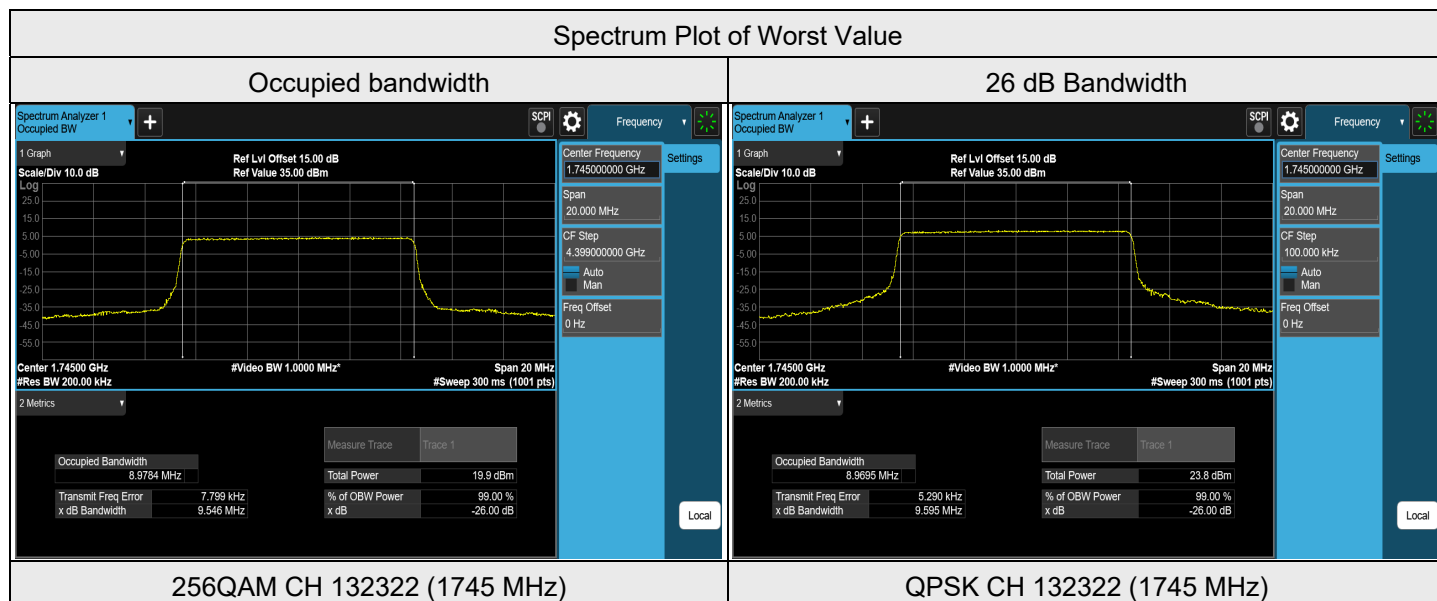
LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	4.4981	4.904
16QAM	132322	1745	4.5045	4.955
64QAM	132322	1745	4.4949	4.897
256QAM	132322	1745	4.4952	4.900



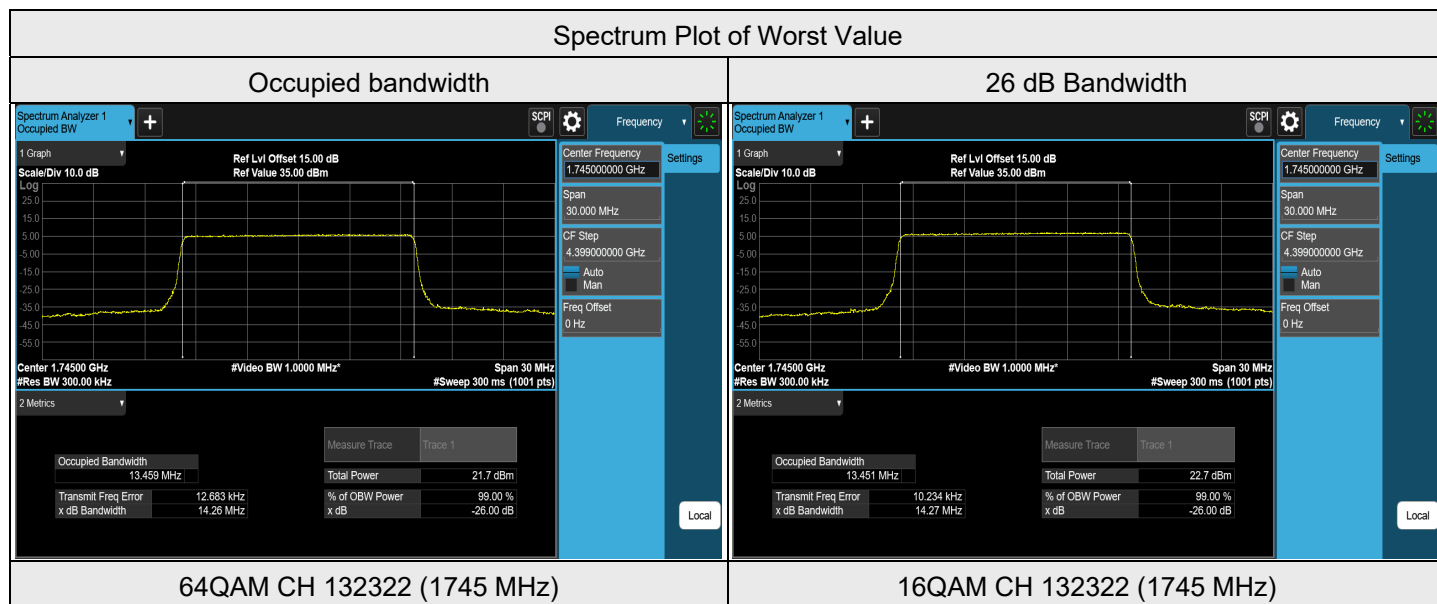
LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	8.9695	9.595
16QAM	132322	1745	8.9754	9.534
64QAM	132322	1745	8.9723	9.558
256QAM	132322	1745	8.9784	9.546



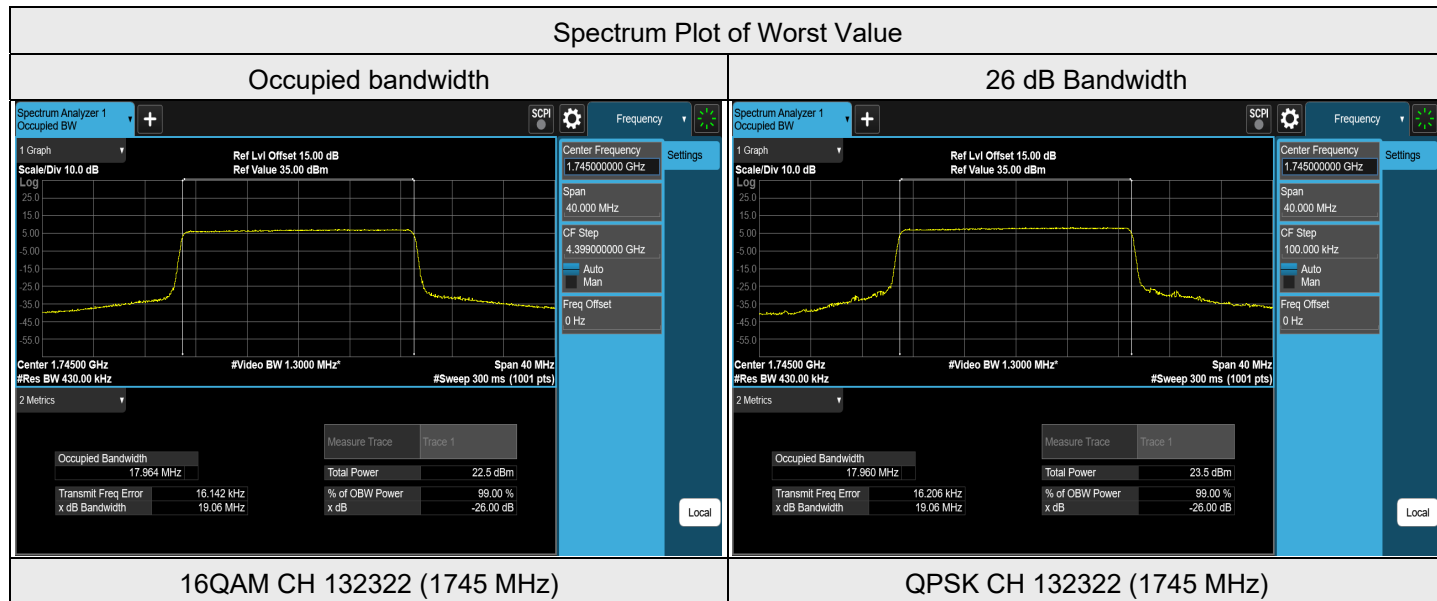
LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	13.4523	14.267
16QAM	132322	1745	13.4515	14.269
64QAM	132322	1745	13.4591	14.257
256QAM	132322	1745	13.4530	14.261



LTE Band 66, Channel Bandwidth: 20 MHz

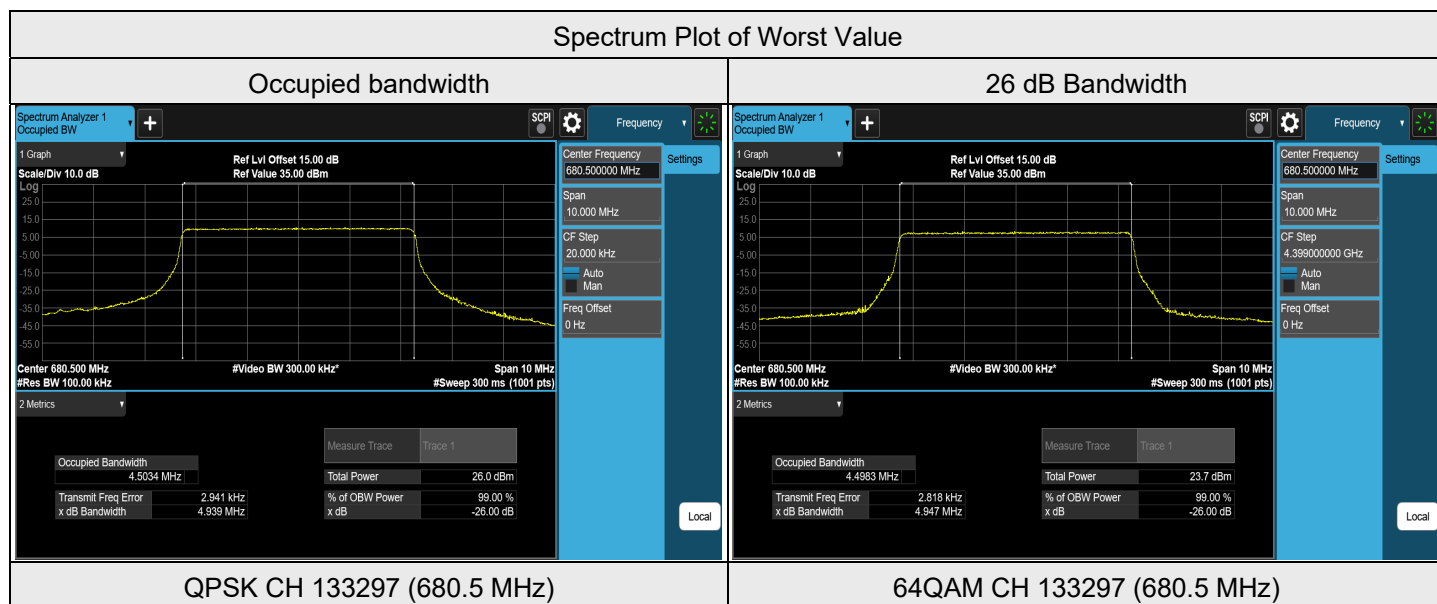
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132322	1745	17.9598	19.062
16QAM	132322	1745	17.9644	19.058
64QAM	132322	1745	17.9573	19.047
256QAM	132322	1745	17.9579	19.050



7.4.16 LTE Band 71

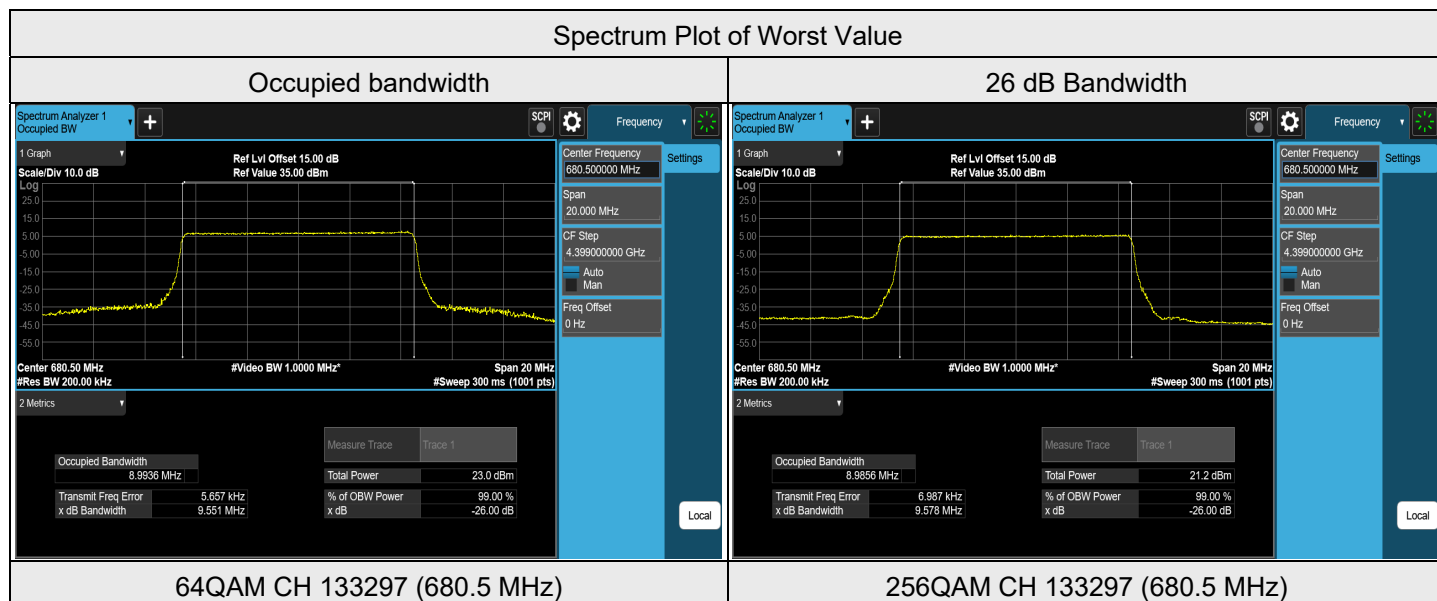
LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133297	680.5	4.5034	4.939
16QAM	133297	680.5	4.4952	4.886
64QAM	133297	680.5	4.4983	4.947
256QAM	133297	680.5	4.4945	4.888



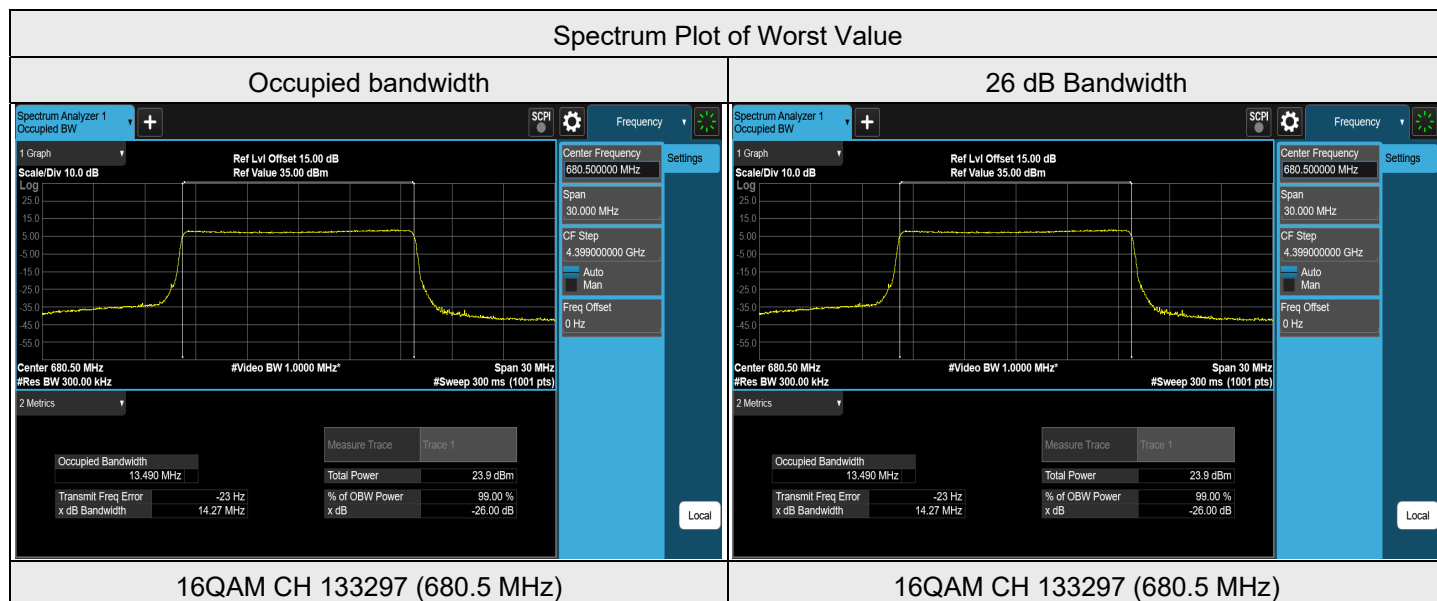
LTE Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133297	680.5	8.9888	9.556
16QAM	133297	680.5	8.9869	9.567
64QAM	133297	680.5	8.9936	9.551
256QAM	133297	680.5	8.9856	9.578



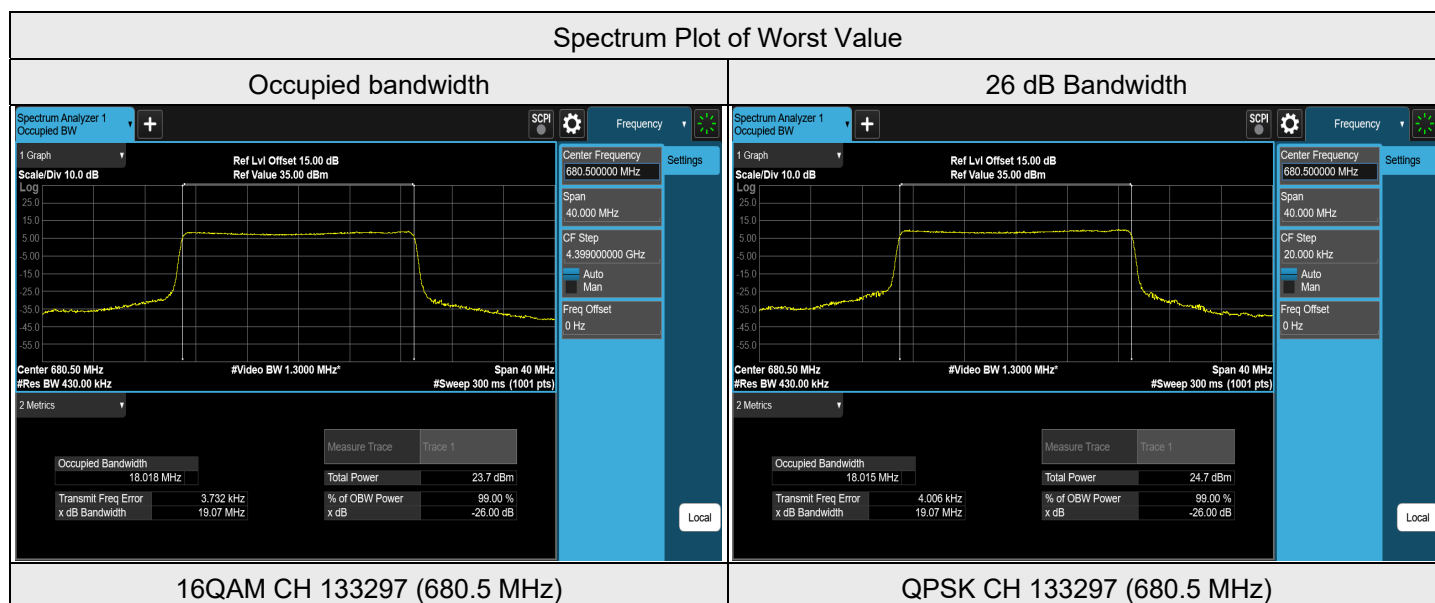
LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133297	680.5	13.4752	14.265
16QAM	133297	680.5	13.4900	14.266
64QAM	133297	680.5	13.4840	14.265
256QAM	133297	680.5	13.4847	14.263



LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133297	680.5	18.0150	19.071
16QAM	133297	680.5	18.0180	19.066
64QAM	133297	680.5	18.0133	19.069
256QAM	133297	680.5	18.0081	19.055

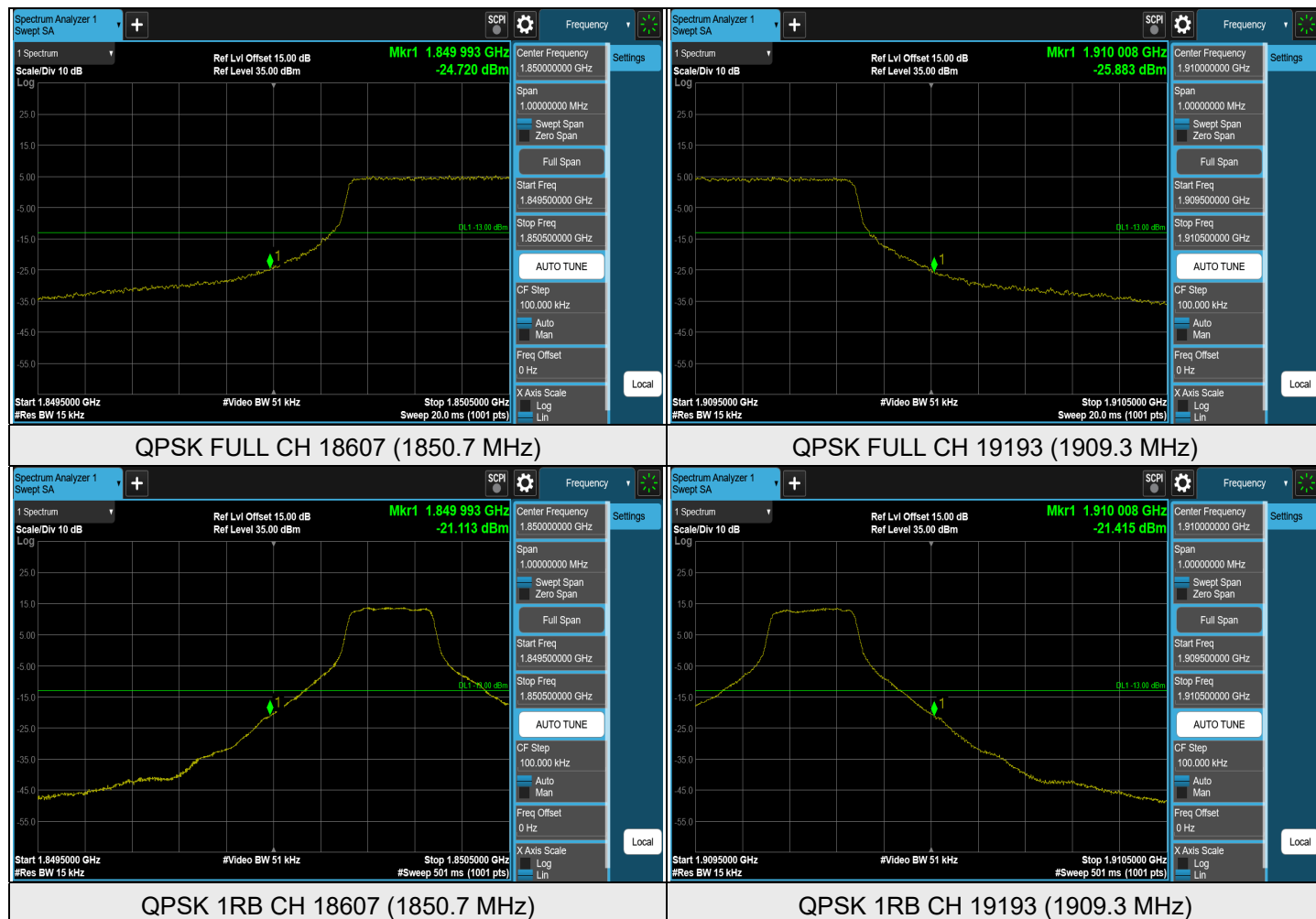


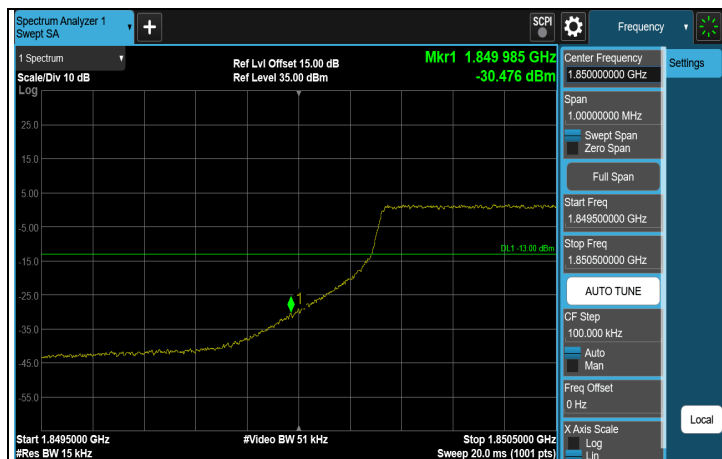
7.5 Conducted Spurious Emissions

Input Power:	3.8 Vdc	Environmental Conditions:	25°C, 68% RH	Tested By:	Noah Chang
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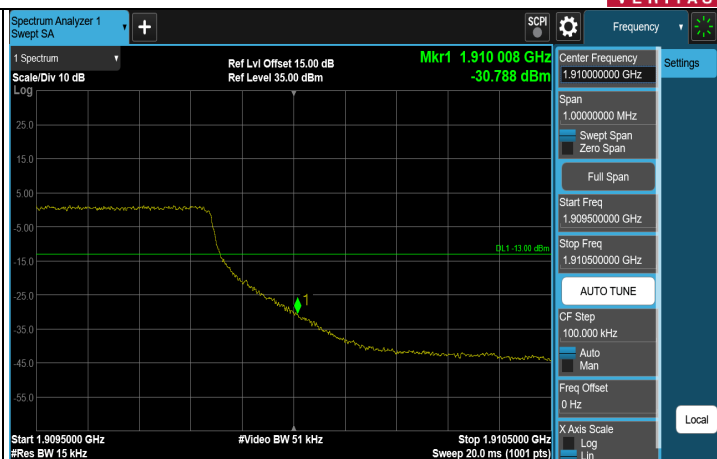
7.5.1 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

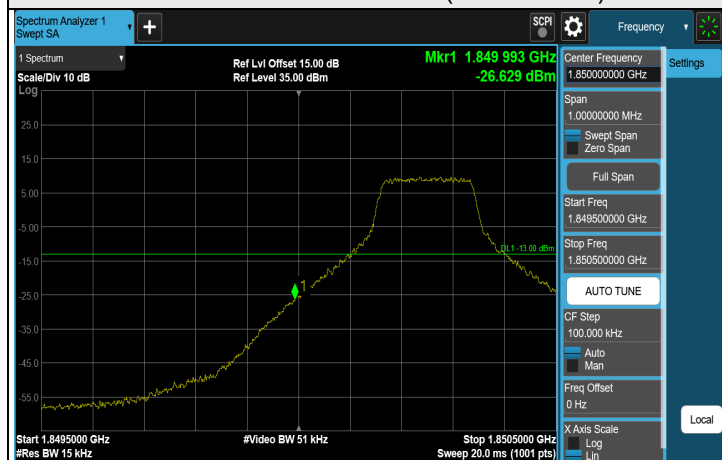




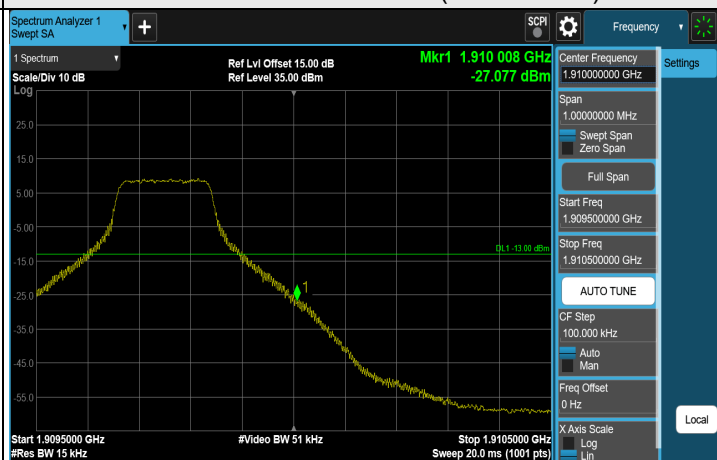
256QAM FULL CH 18607 (1850.7 MHz)



256QAM FULL CH 19193 (1909.3 MHz)

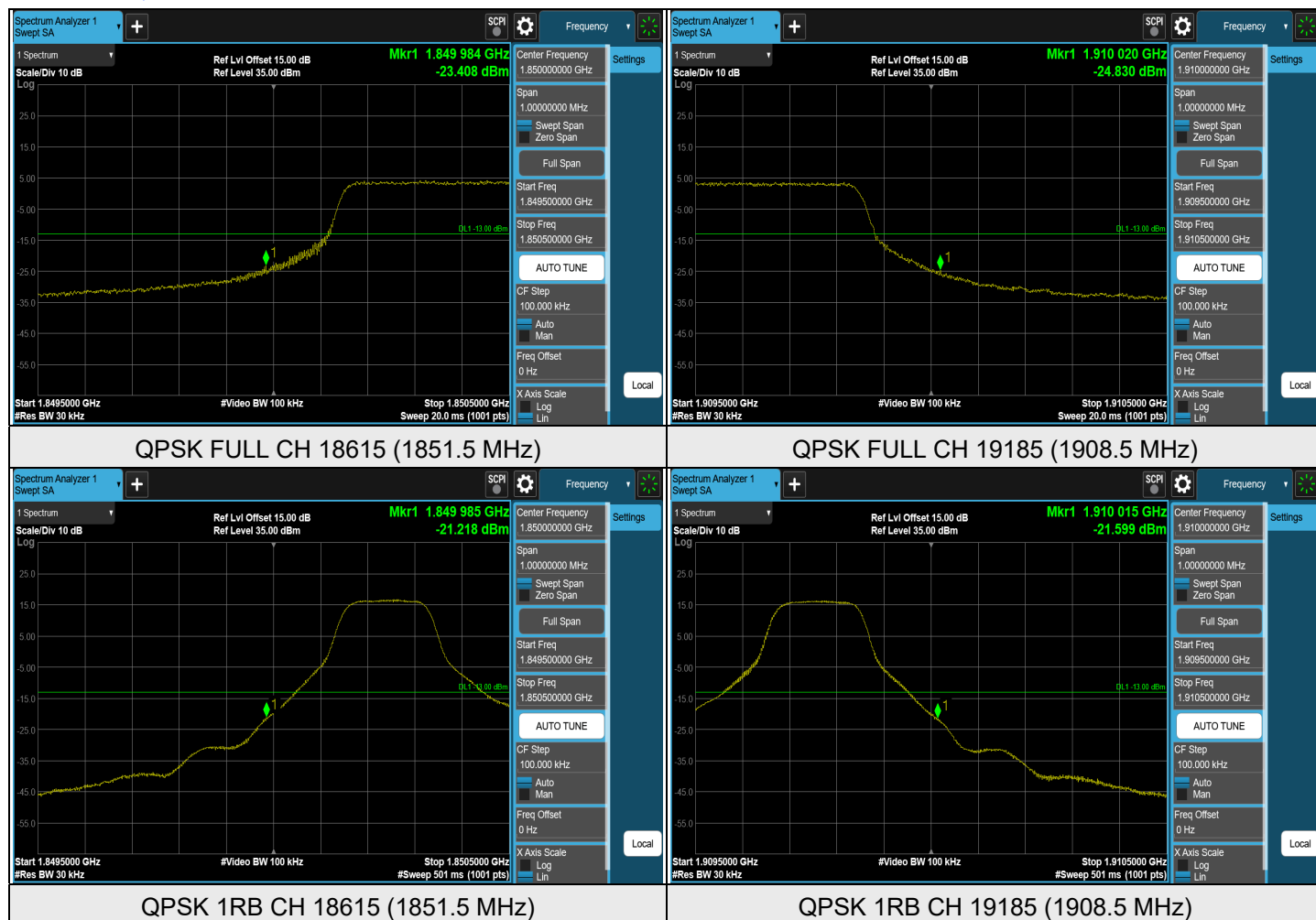


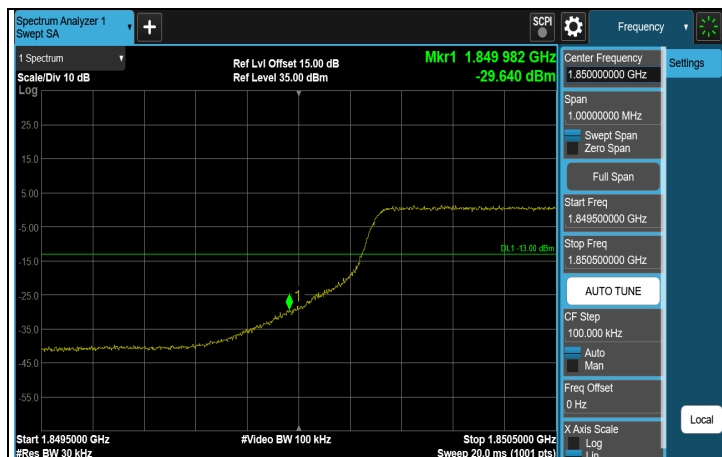
256QAM 1RB CH 18607 (1850.7 MHz)



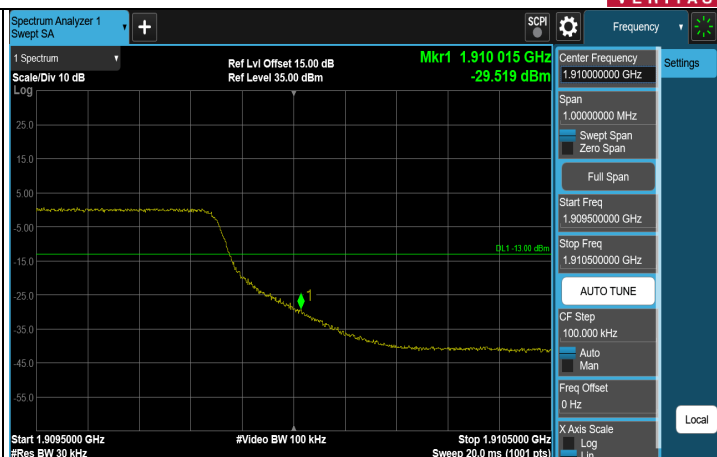
256QAM 1RB CH 19193 (1909.3 MHz)

LTE Band 2, Channel Bandwidth: 3 MHz

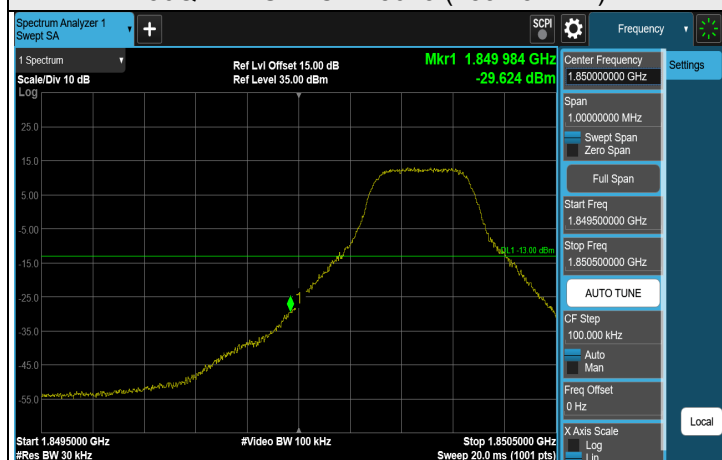




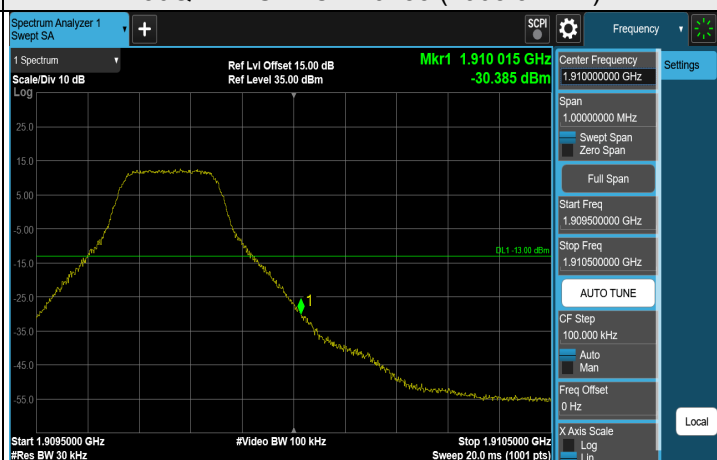
256QAM FULL CH 18615 (1851.5 MHz)



256QAM FULL CH 19185 (1908.5 MHz)

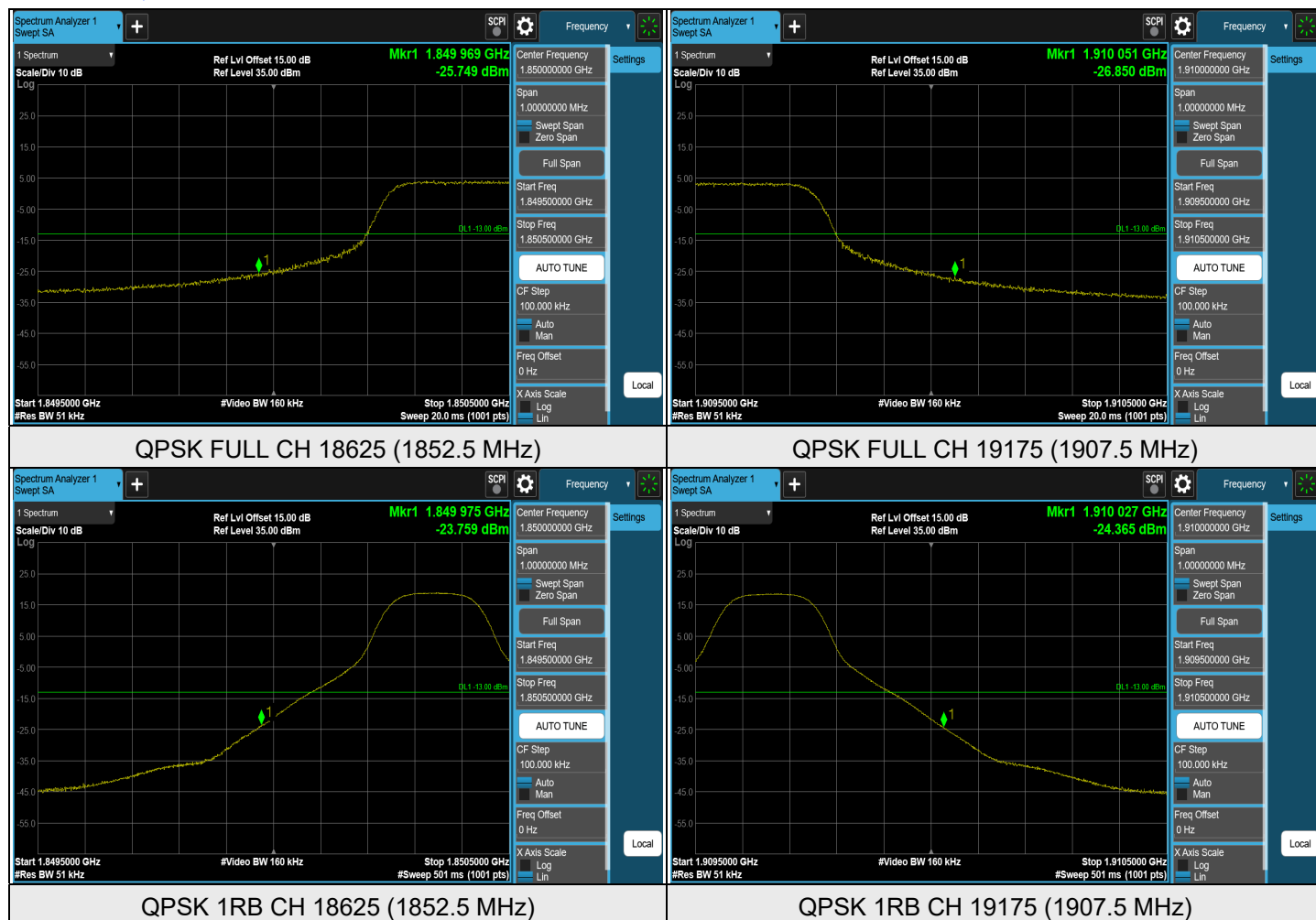


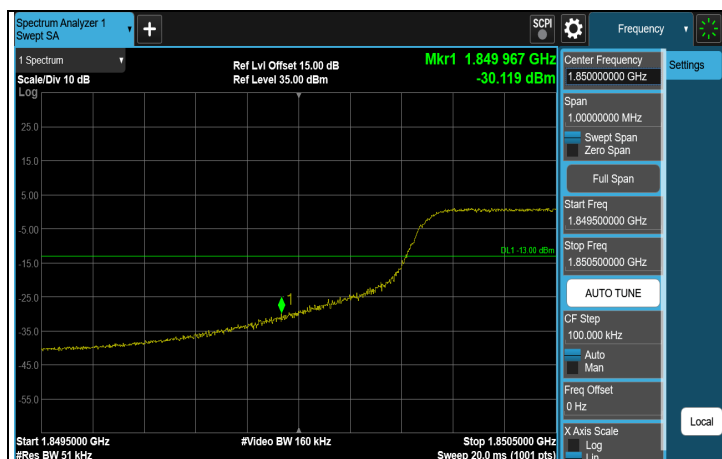
256QAM 1RB CH 18615 (1851.5 MHz)



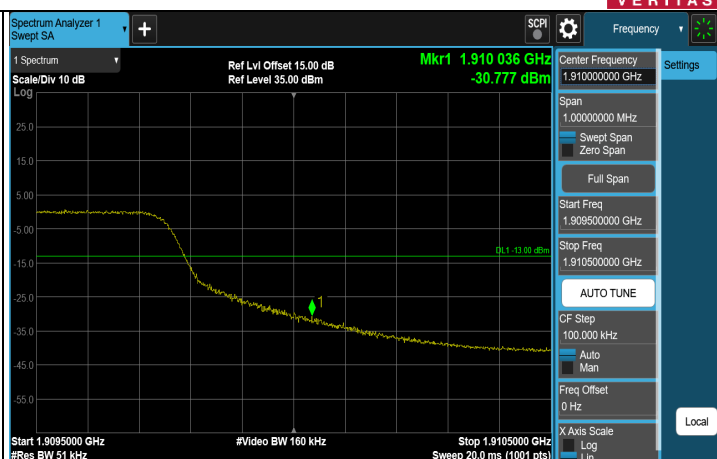
256QAM 1RB CH 19185 (1908.5 MHz)

LTE Band 2, Channel Bandwidth: 5 MHz

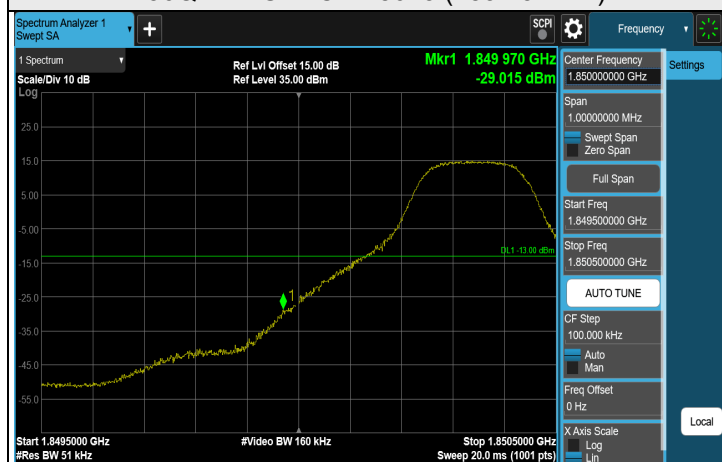




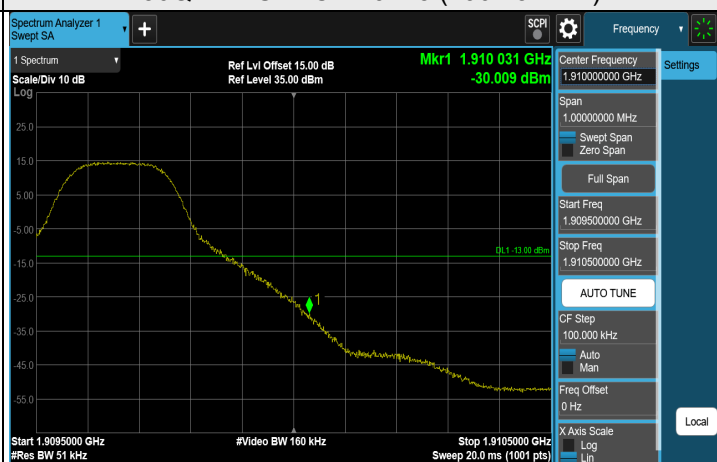
256QAM FULL CH 18625 (1852.5 MHz)



256QAM FULL CH 19175 (1907.5 MHz)

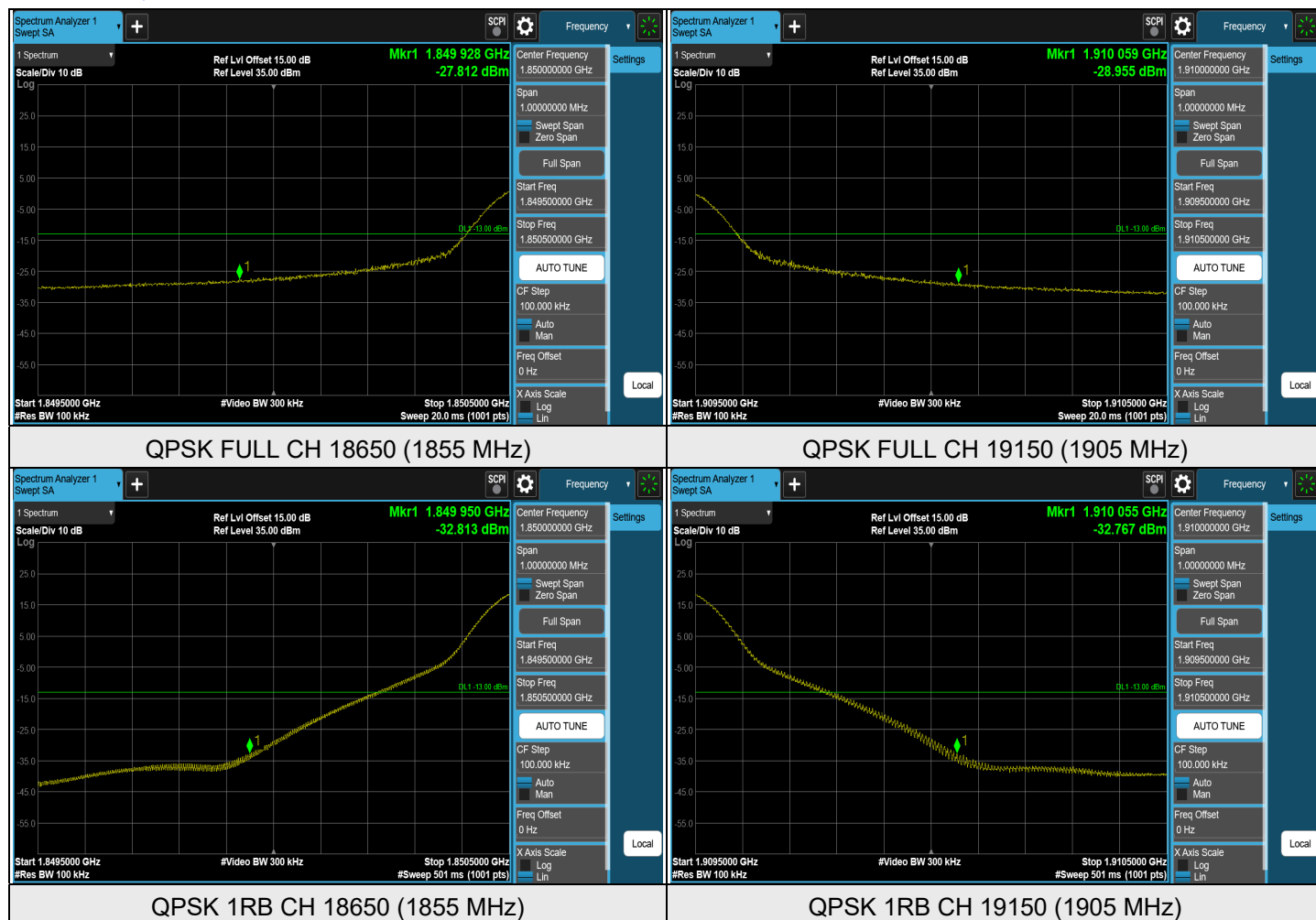


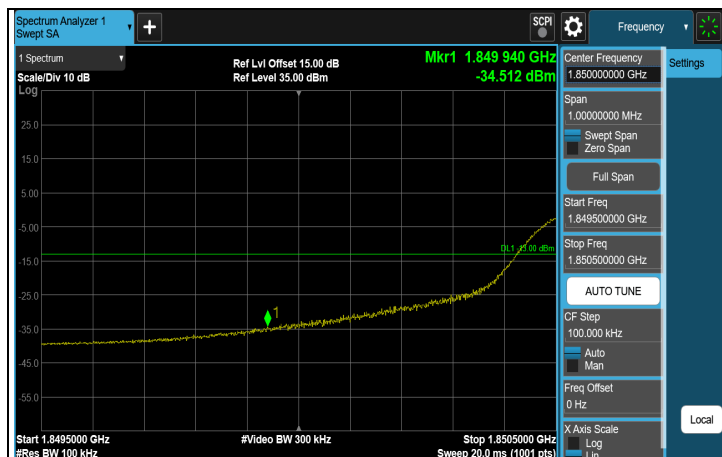
256QAM 1RB CH 18625 (1852.5 MHz)



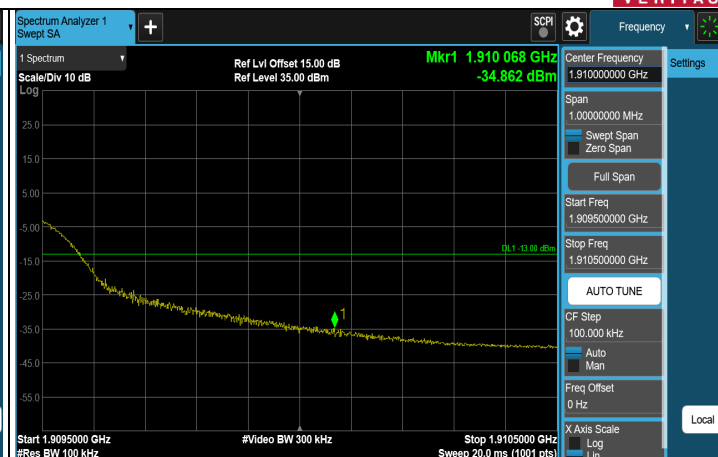
256QAM 1RB CH 19175 (1907.5 MHz)

LTE Band 2, Channel Bandwidth: 10 MHz

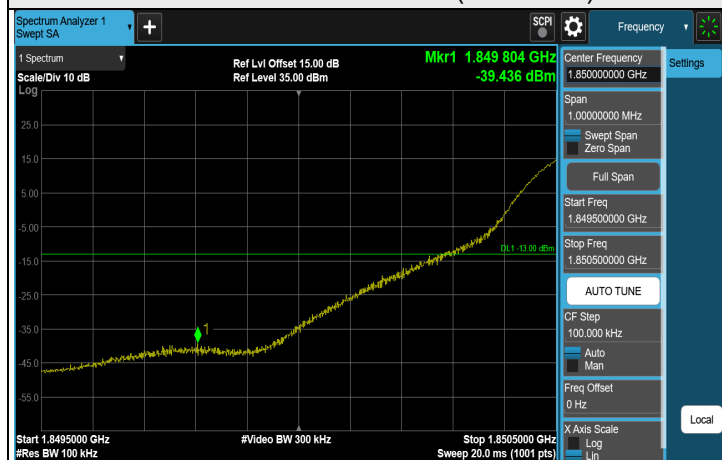




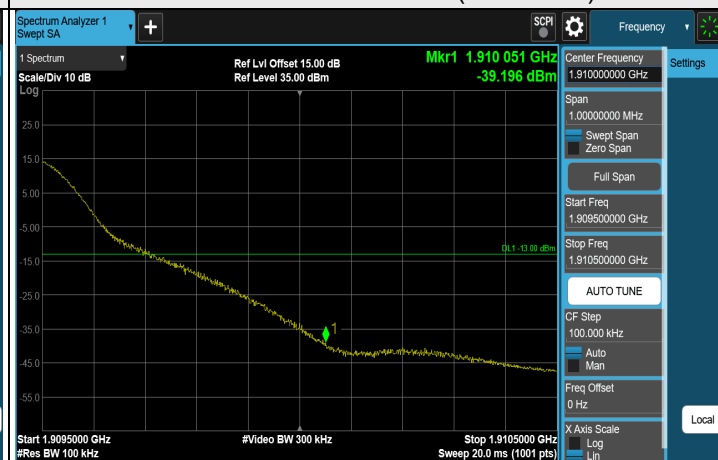
256QAM FULL CH 18650 (1855 MHz)



256QAM FULL CH 19150 (1905 MHz)

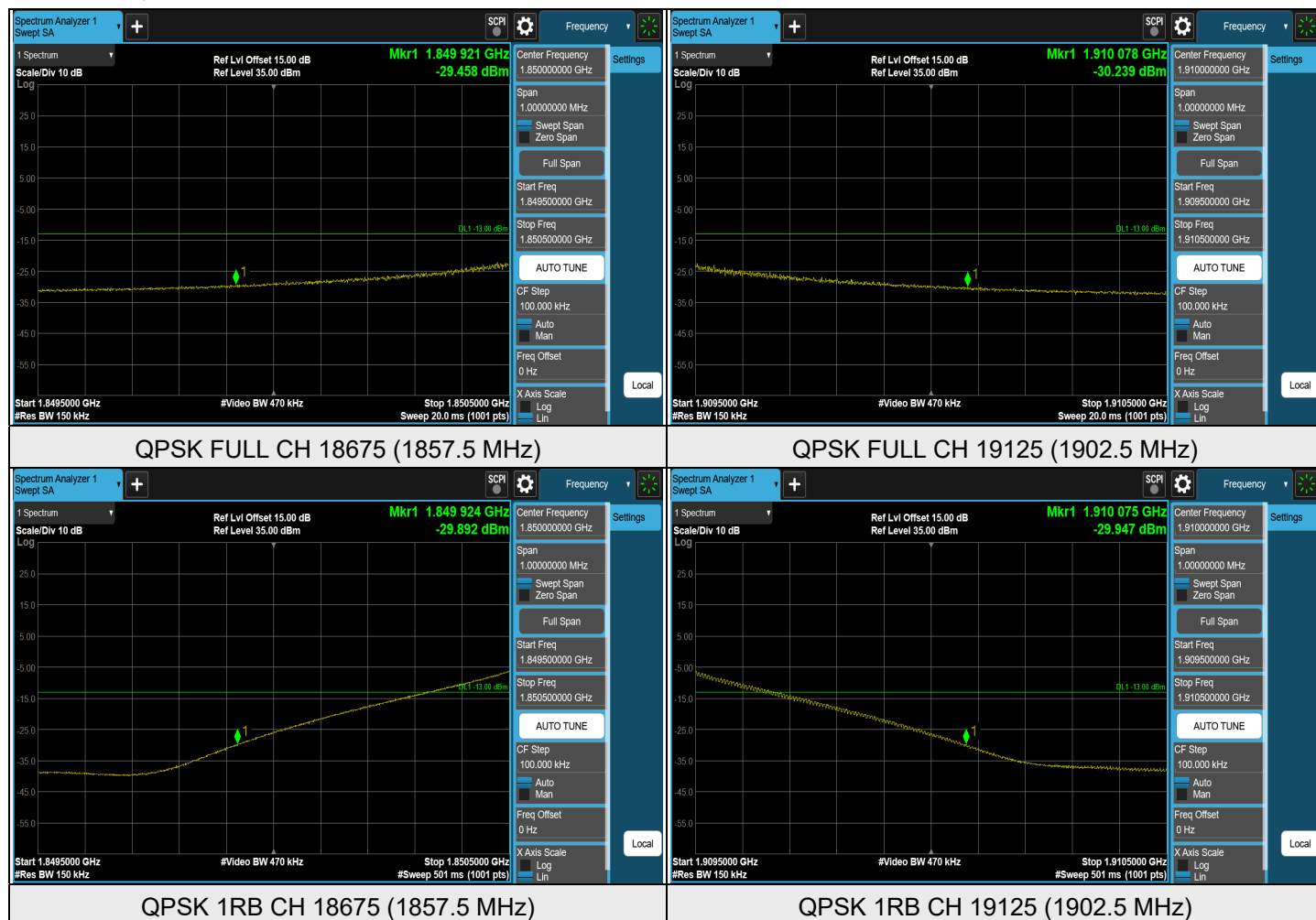


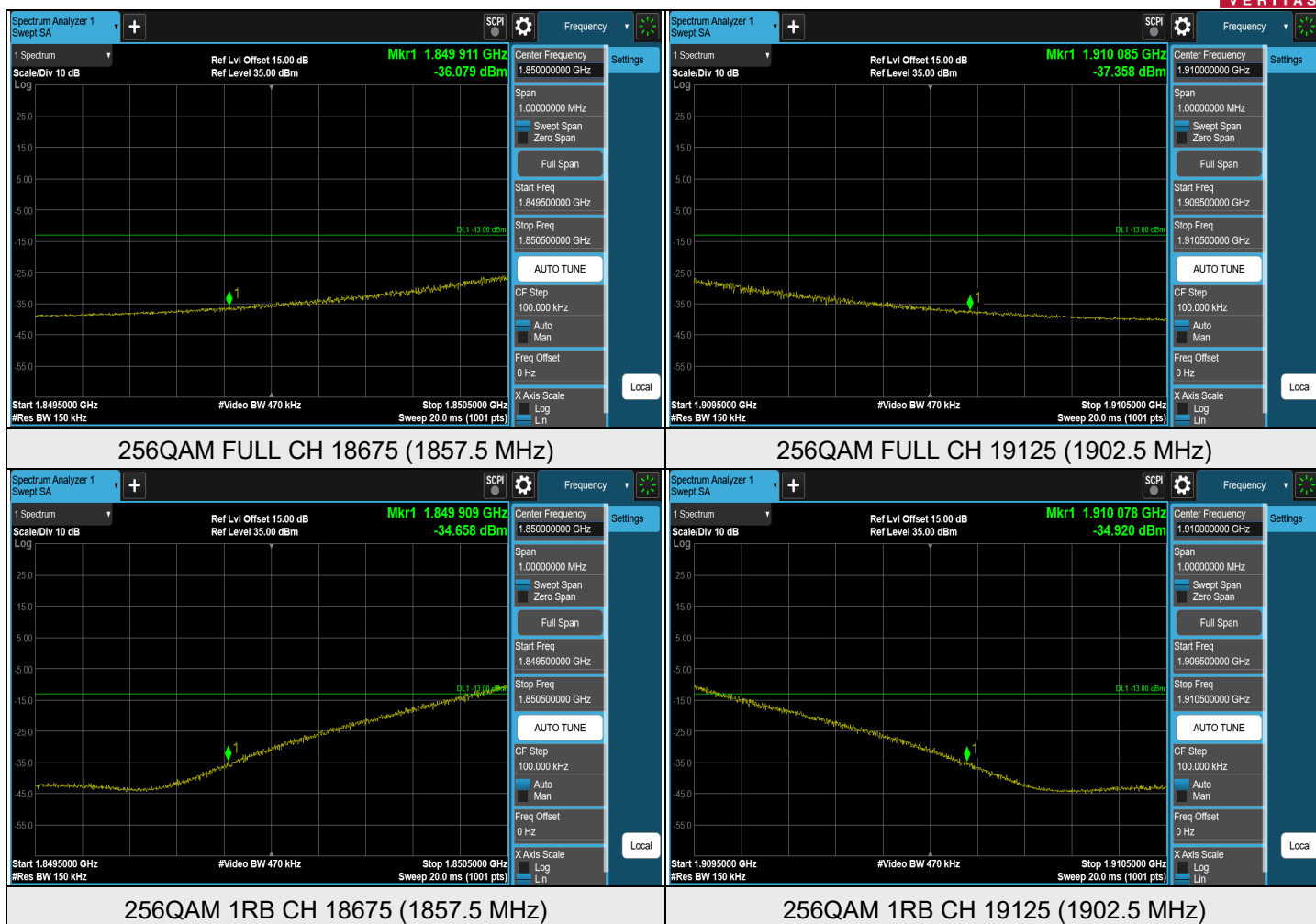
256QAM 1RB CH 18650 (1855 MHz)



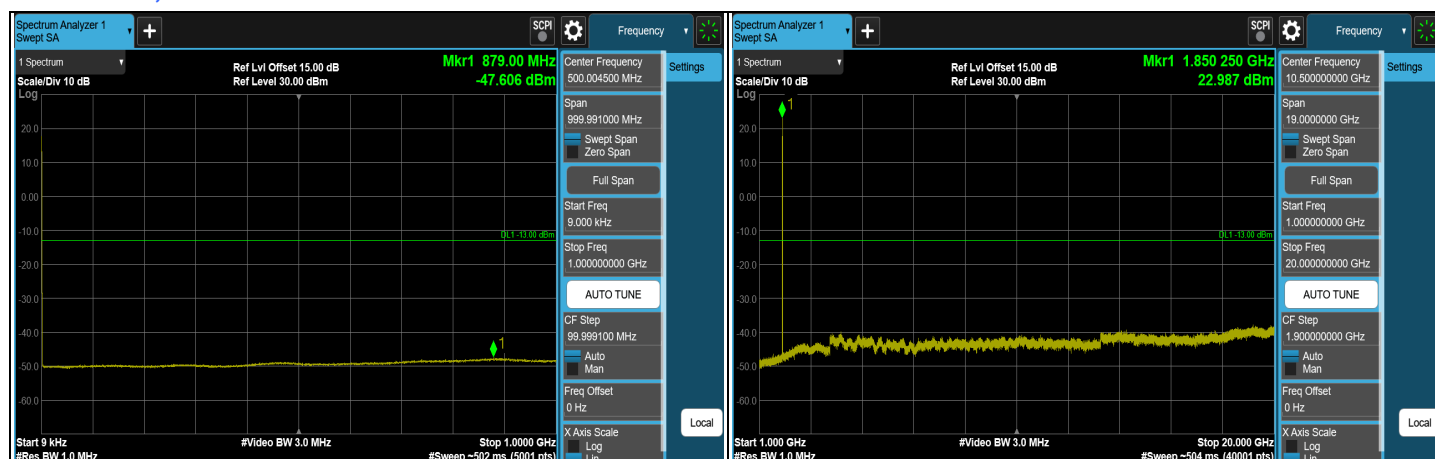
256QAM 1RB CH 19150 (1905 MHz)

LTE Band 2, Channel Bandwidth: 15 MHz

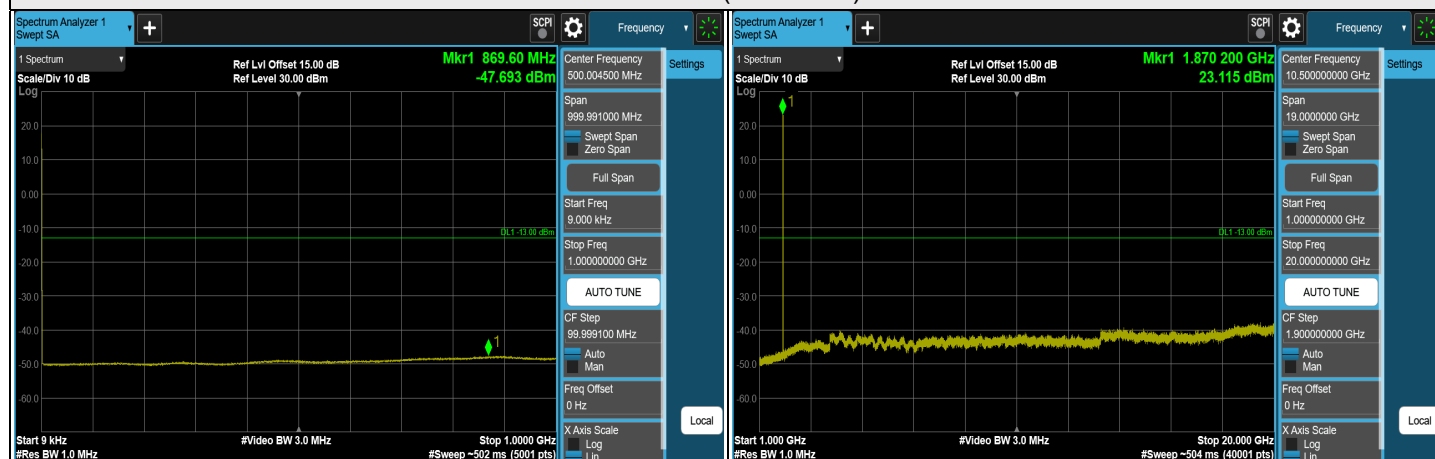




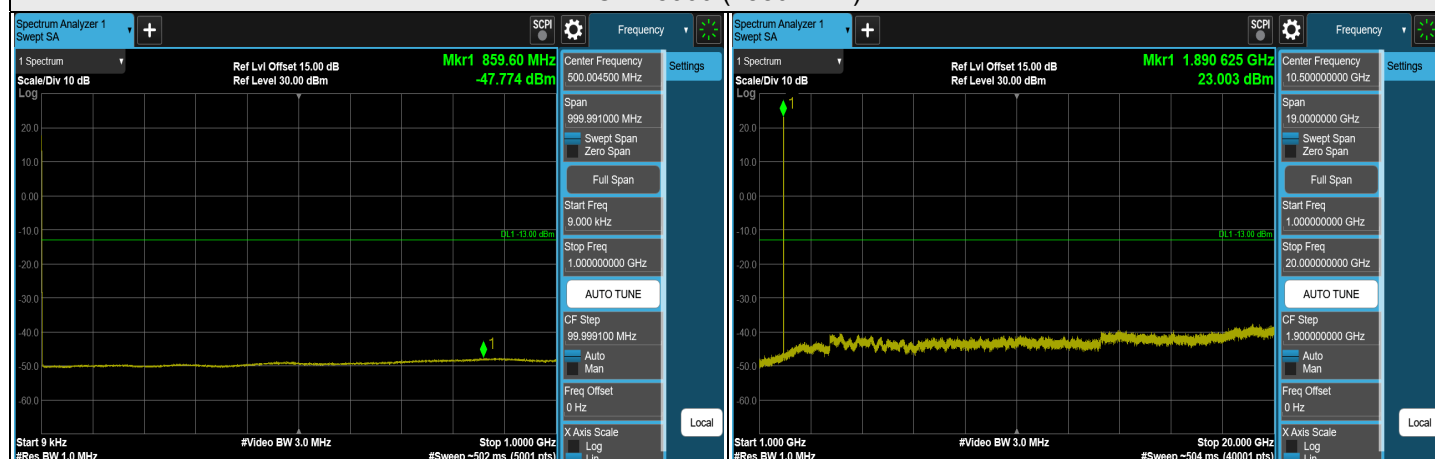
LTE Band 2, Channel Bandwidth: 20 MHz



CH 18700 (1860 MHz)



CH 18900 (1880 MHz)



CH 19100 (1900 MHz)

Note: The signal at 9 kHz is IF signal from spectrum analyzer.