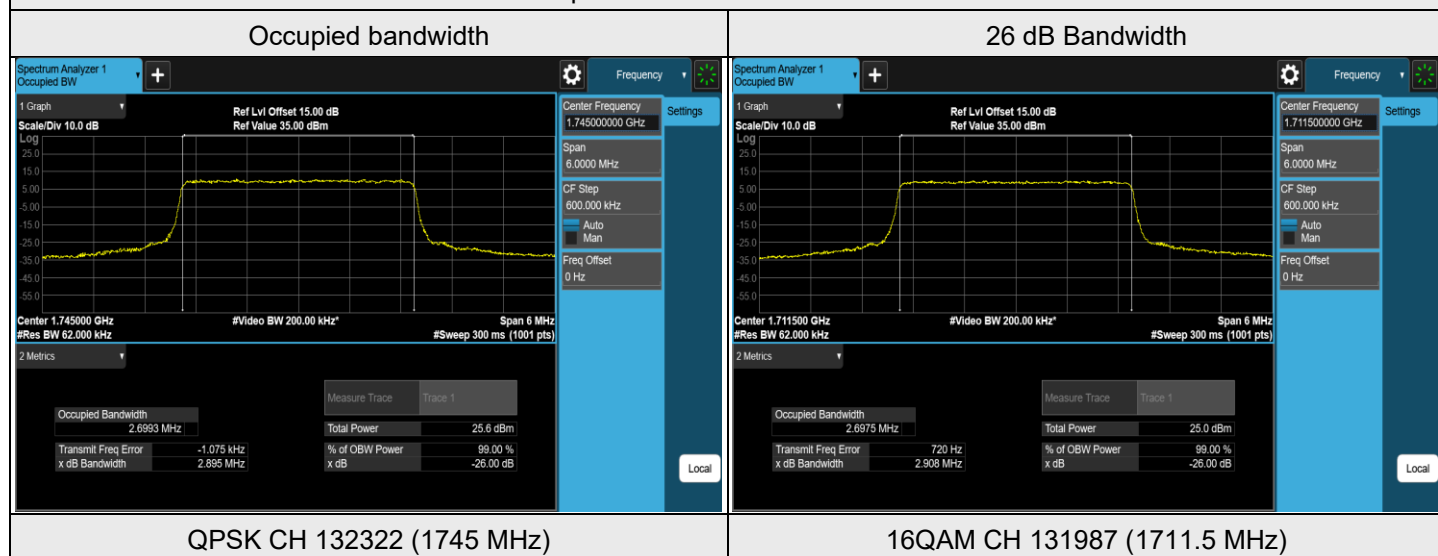


LTE Cat.1 Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131987	1711.5	2.6986	2.891
QPSK	132322	1745	2.6993	2.895
QPSK	132657	1778.5	2.6937	2.901
16QAM	131987	1711.5	2.6975	2.908
16QAM	132322	1745	2.6927	2.905
16QAM	132657	1778.5	2.6953	2.889

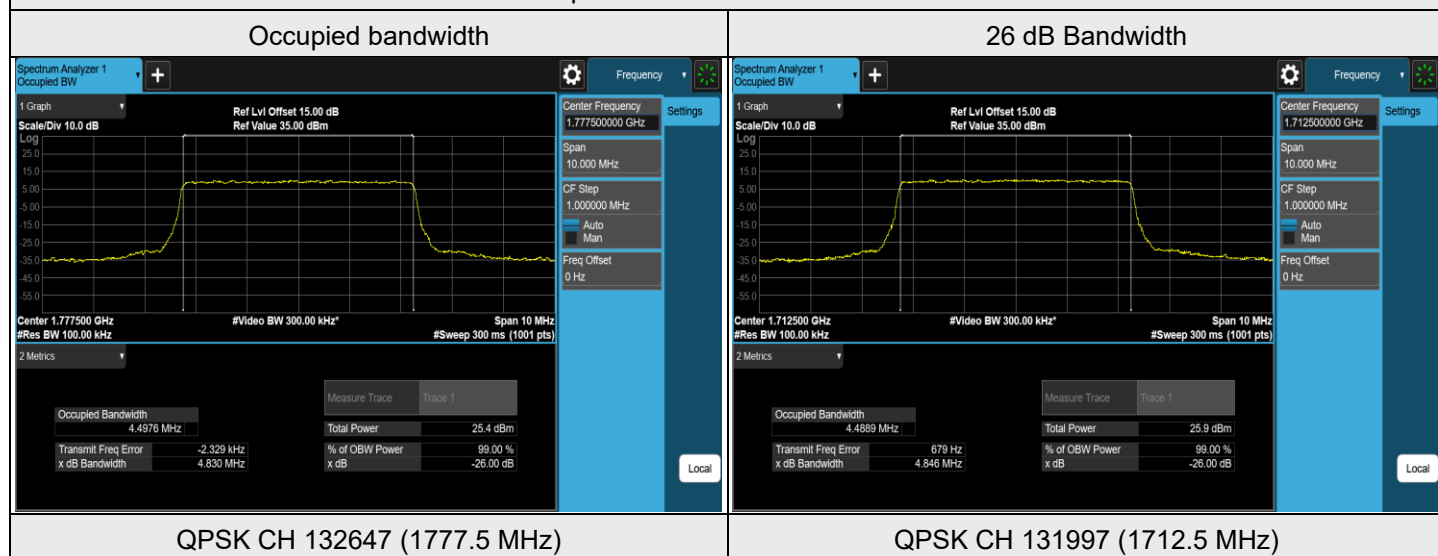
Spectrum Plot of Worst Value



LTE Cat.1 Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131997	1712.5	4.4889	4.846
QPSK	132322	1745	4.4893	4.813
QPSK	132647	1777.5	4.4976	4.830
16QAM	131997	1712.5	4.4851	4.811
16QAM	132322	1745	4.4876	4.799
16QAM	132647	1777.5	4.4897	4.809

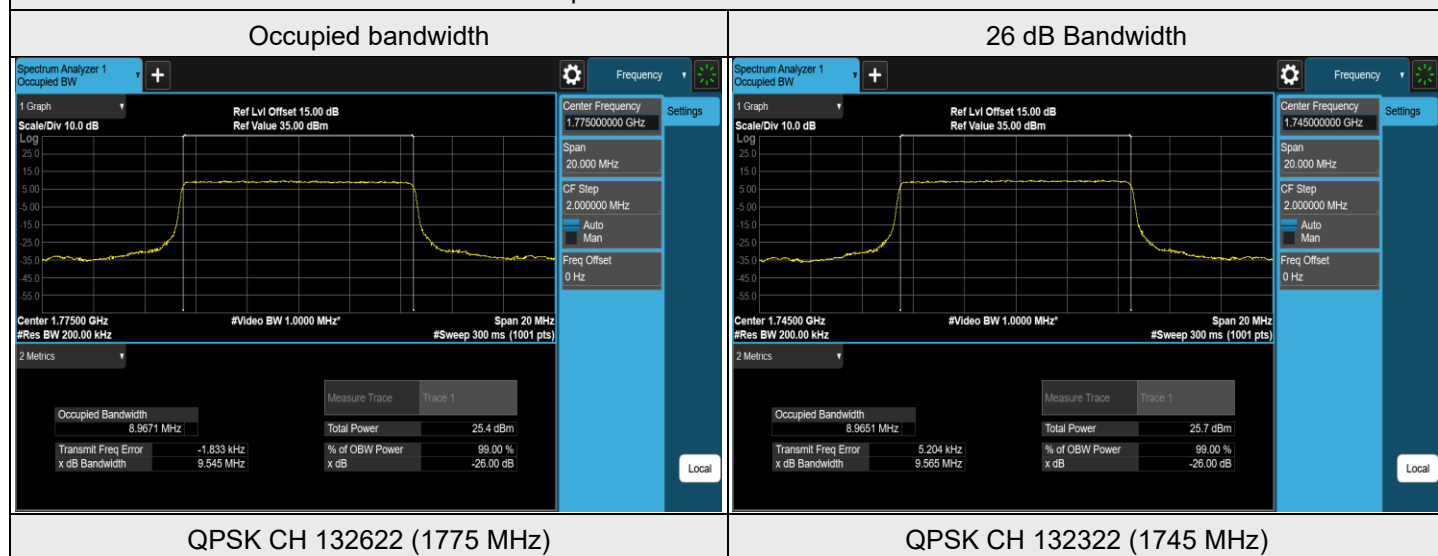
Spectrum Plot of Worst Value



LTE Cat.1 Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132022	1715	8.9669	9.517
QPSK	132322	1745	8.9651	9.565
QPSK	132622	1775	8.9671	9.545
16QAM	132022	1715	4.9239	5.414
16QAM	132322	1745	4.9217	5.480
16QAM	132622	1775	4.9223	5.477

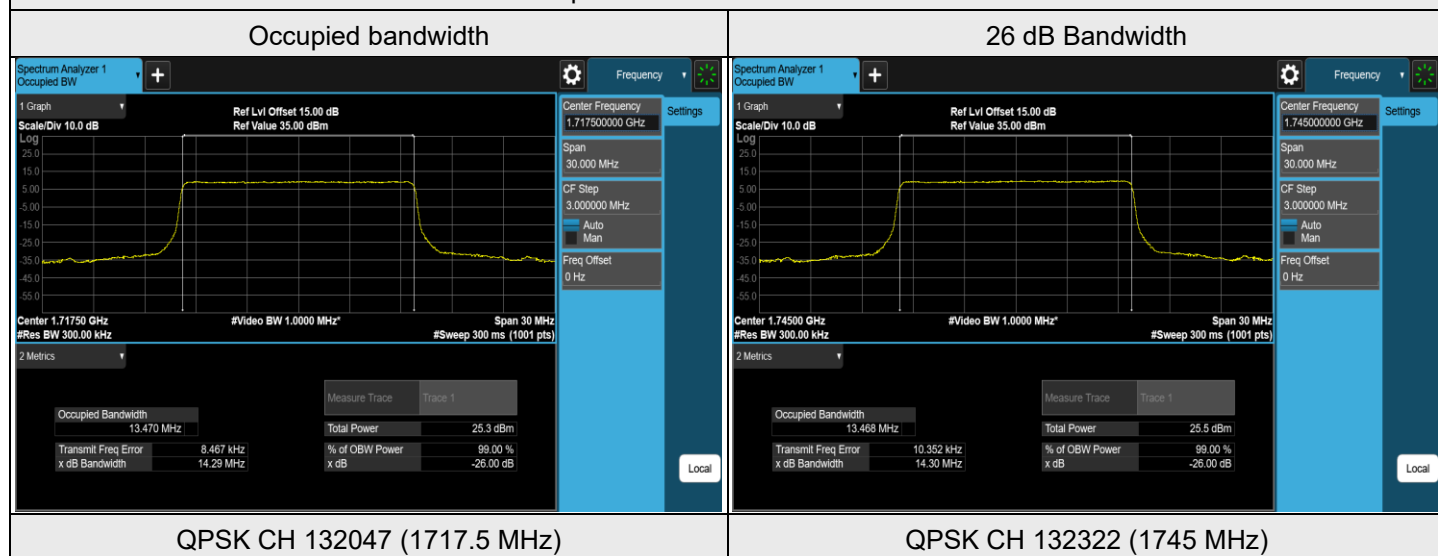
Spectrum Plot of Worst Value



LTE Cat.1 Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132047	1717.5	13.4705	14.288
QPSK	132322	1745	13.4677	14.299
QPSK	132597	1772.5	13.4640	14.288
16QAM	132047	1717.5	5.0230	5.678
16QAM	132322	1745	5.0299	5.672
16QAM	132597	1772.5	5.0283	5.663

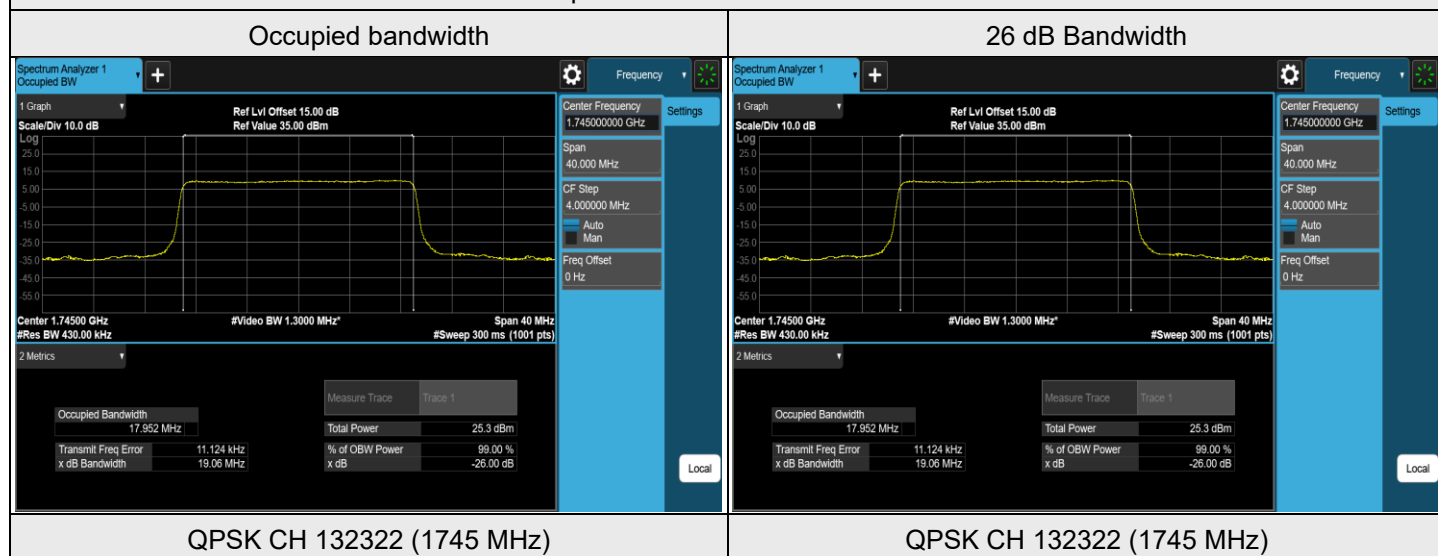
Spectrum Plot of Worst Value



LTE Cat.1 Band 66, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	17.9397	19.041
QPSK	132322	1745	17.9518	19.062
QPSK	132572	1770	17.9312	19.045
16QAM	132072	1720	5.1563	5.956
16QAM	132322	1745	5.1566	5.931
16QAM	132572	1770	5.1559	5.927

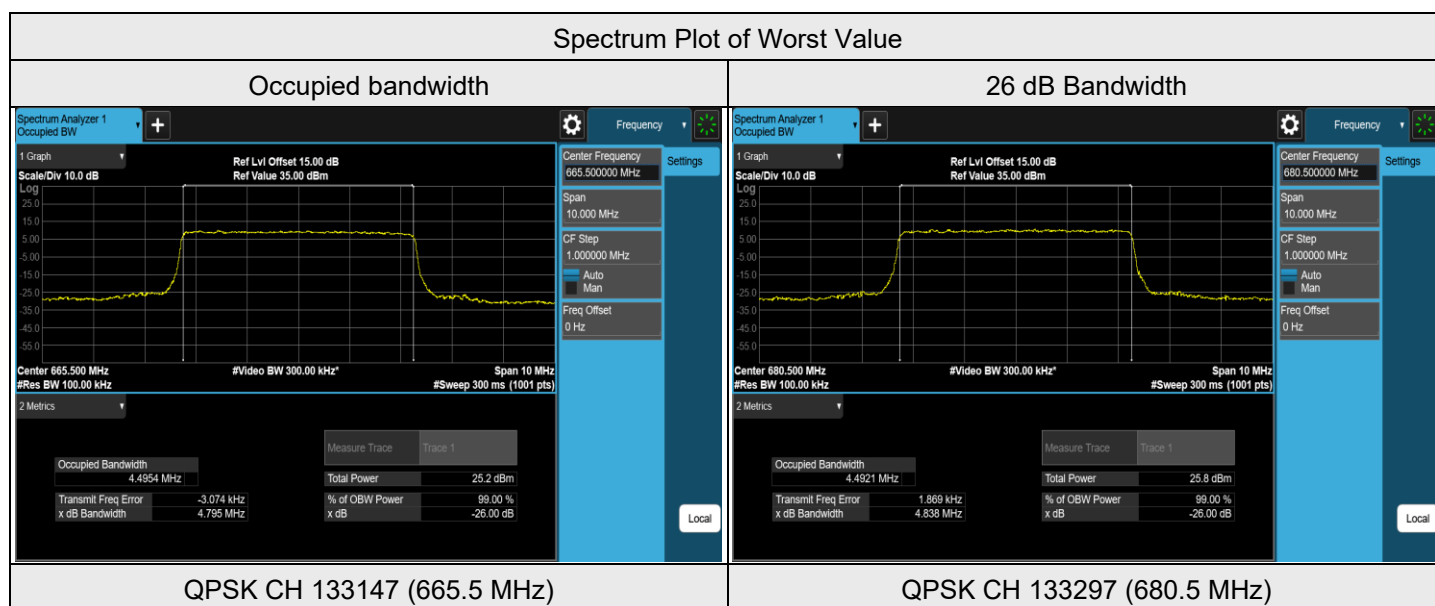
Spectrum Plot of Worst Value



7.4.8 LTE Cat.1 Band 71

LTE Cat.1 Band 71, Channel Bandwidth: 5 MHz

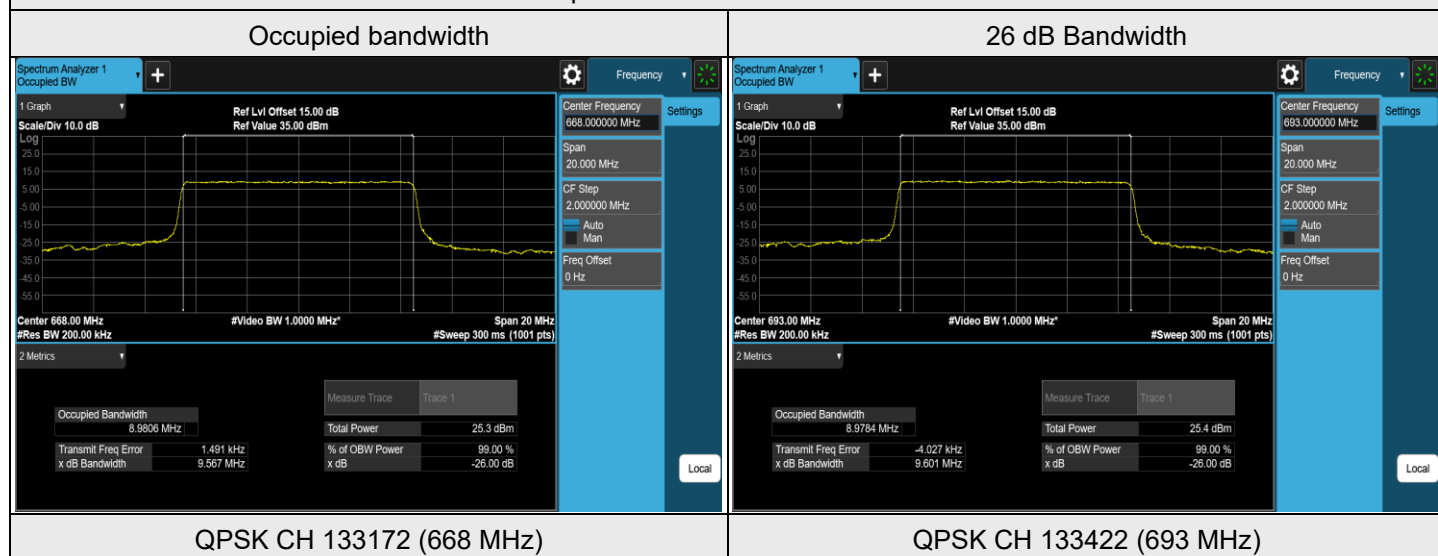
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133147	665.5	4.4954	4.795
QPSK	133297	680.5	4.4921	4.838
QPSK	133447	695.5	4.4938	4.835
16QAM	133147	665.5	4.4895	4.818
16QAM	133297	680.5	4.4889	4.829
16QAM	133447	695.5	4.4929	4.824



LTE Cat.1 Band 71, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133172	668	8.9806	9.567
QPSK	133297	680.5	8.9700	9.571
QPSK	133422	693	8.9784	9.601
16QAM	133172	668	4.9322	5.489
16QAM	133297	680.5	4.9298	5.423
16QAM	133422	693	4.9325	5.486

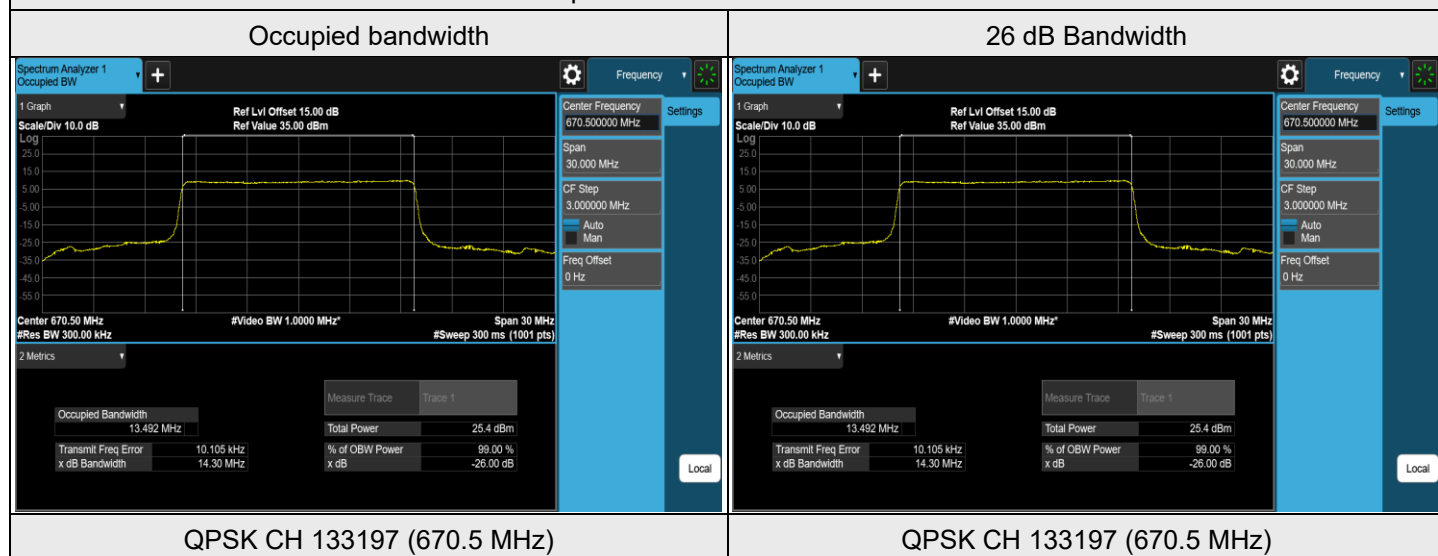
Spectrum Plot of Worst Value



LTE Cat.1 Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133197	670.5	13.4923	14.299
QPSK	133297	680.5	13.4588	14.287
QPSK	133397	690.5	13.4763	14.291
16QAM	133197	670.5	5.0382	5.685
16QAM	133297	680.5	5.0312	5.700
16QAM	133397	690.5	5.0297	5.663

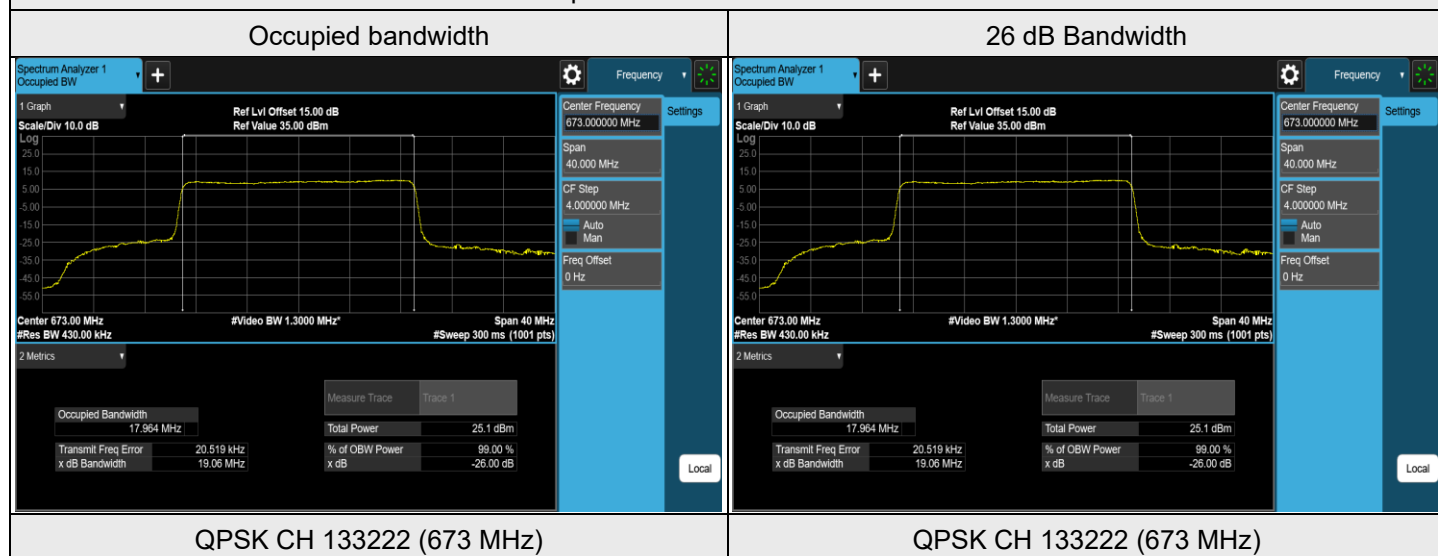
Spectrum Plot of Worst Value



LTE Cat.1 Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133222	673	17.9643	19.061
QPSK	133297	680.5	17.9128	19.024
QPSK	133372	688	17.9209	19.048
16QAM	133222	673	5.1600	5.958
16QAM	133297	680.5	5.1563	5.947
16QAM	133372	688	5.1606	5.952

Spectrum Plot of Worst Value

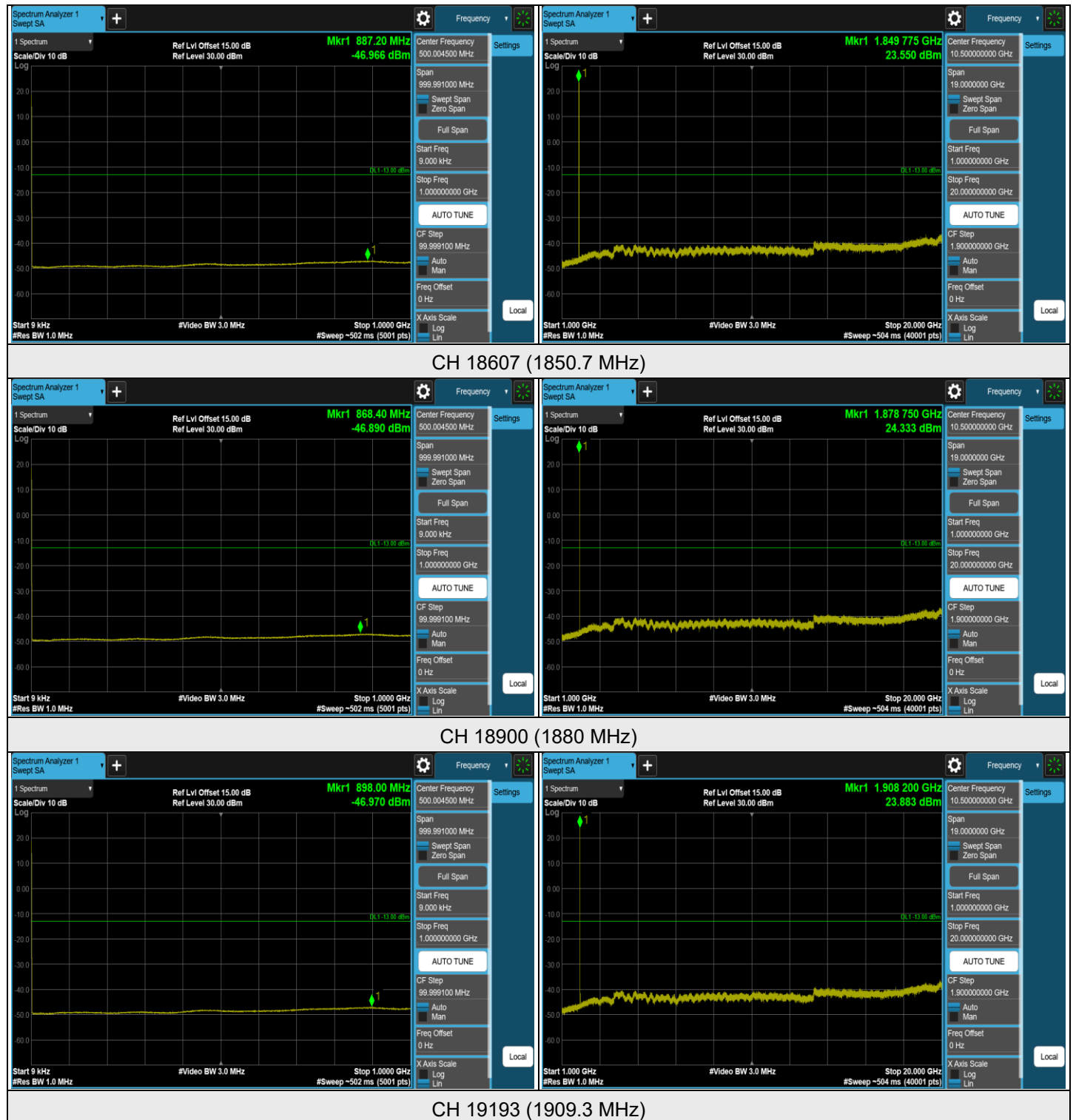


7.5 Conducted Spurious Emissions

Input Power:	12 Vdc	Environmental Conditions:	25°C, 65% RH	Tested By:	Charles Hsiao
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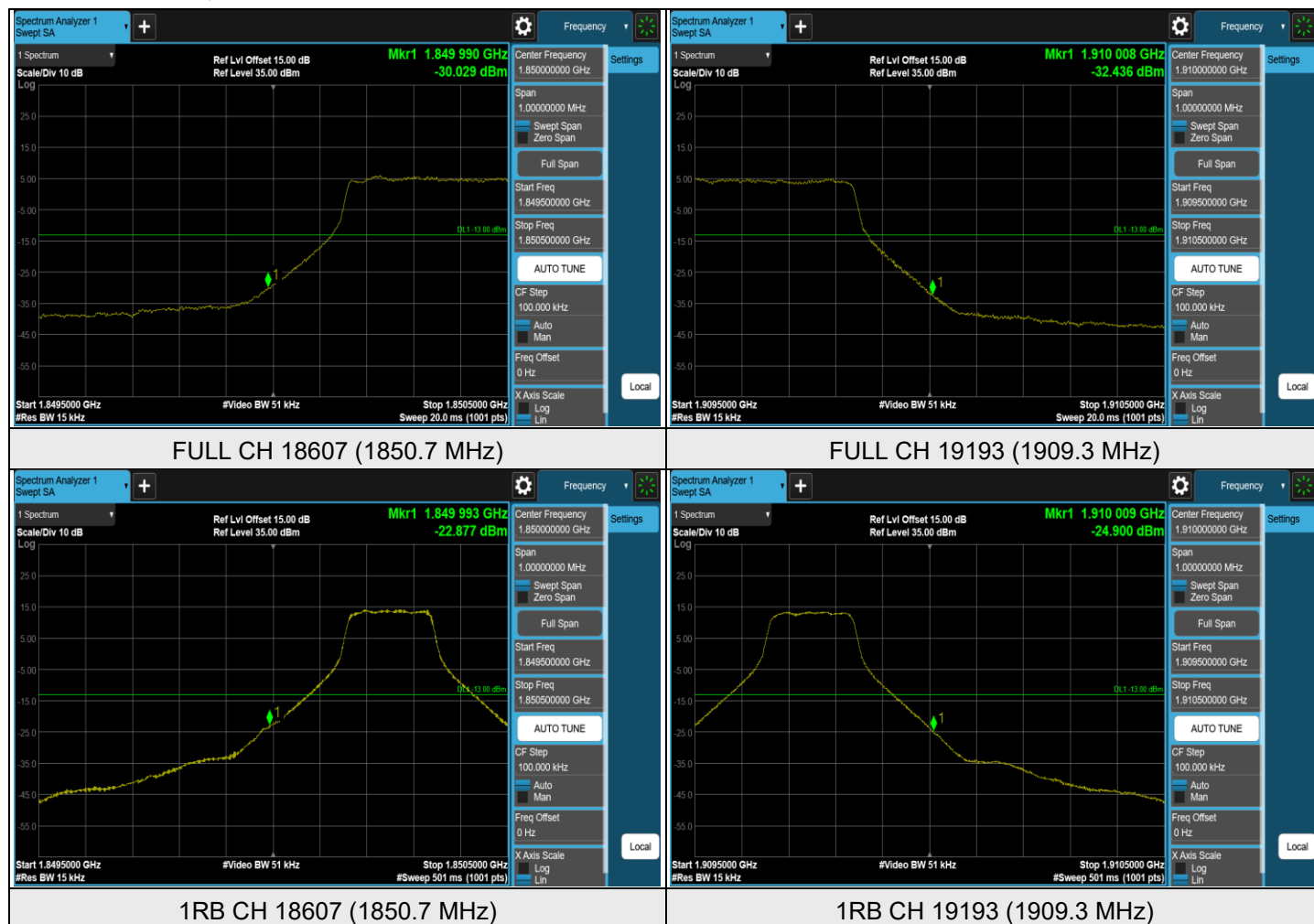
7.5.1 LTE Cat.1 Band 2

LTE Cat.1 Band 2, Channel Bandwidth: 1.4 MHz

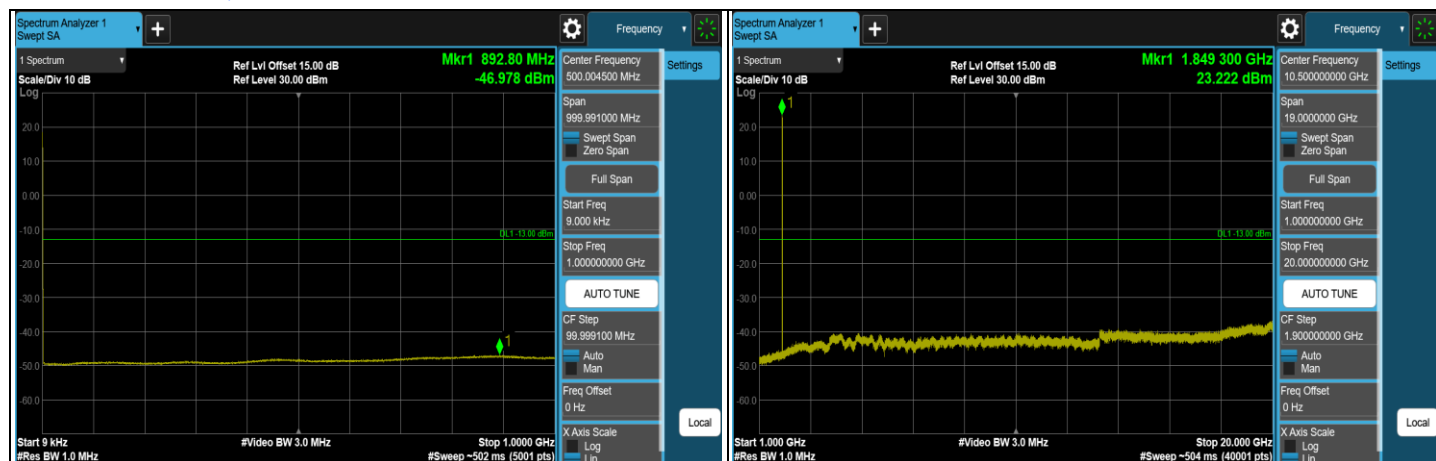


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Cat.1 Band 2, Channel Bandwidth: 1.4 MHz



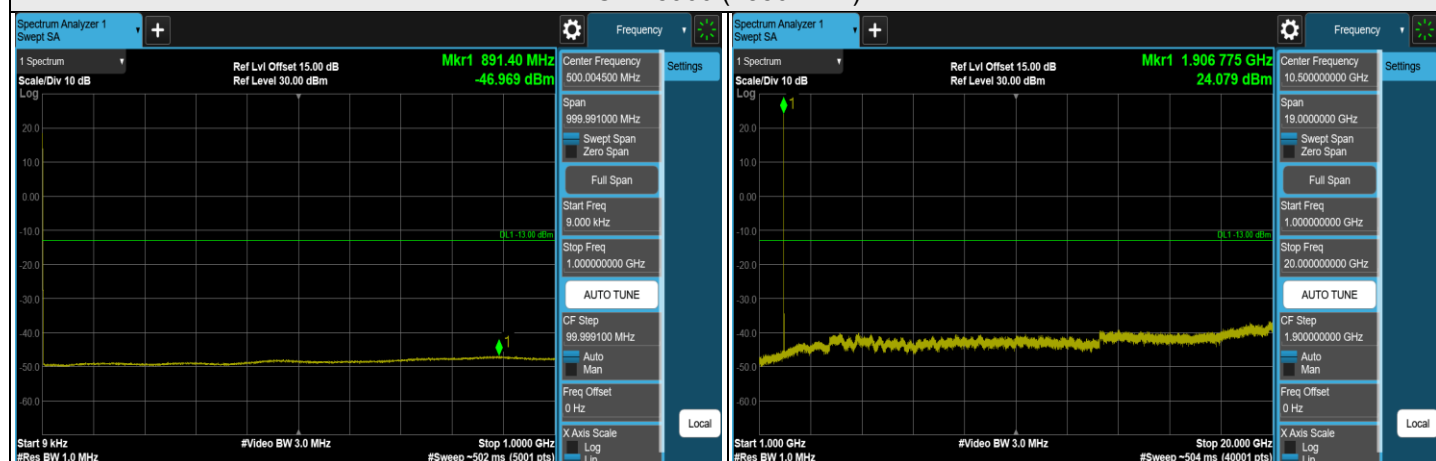
LTE Cat.1 Band 2, Channel Bandwidth: 3 MHz



CH 18615 (1851.5 MHz)



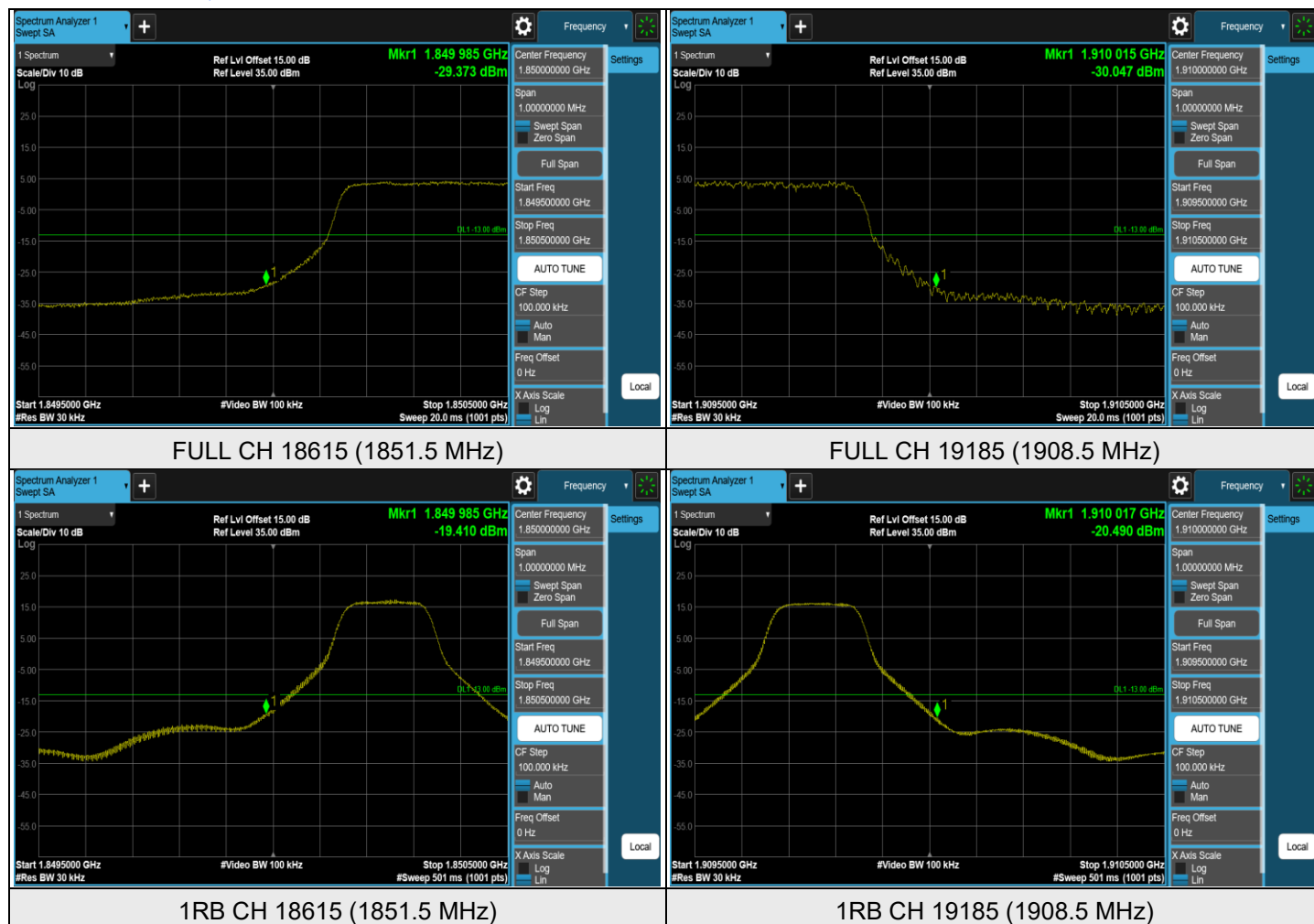
CH 18900 (1880 MHz)



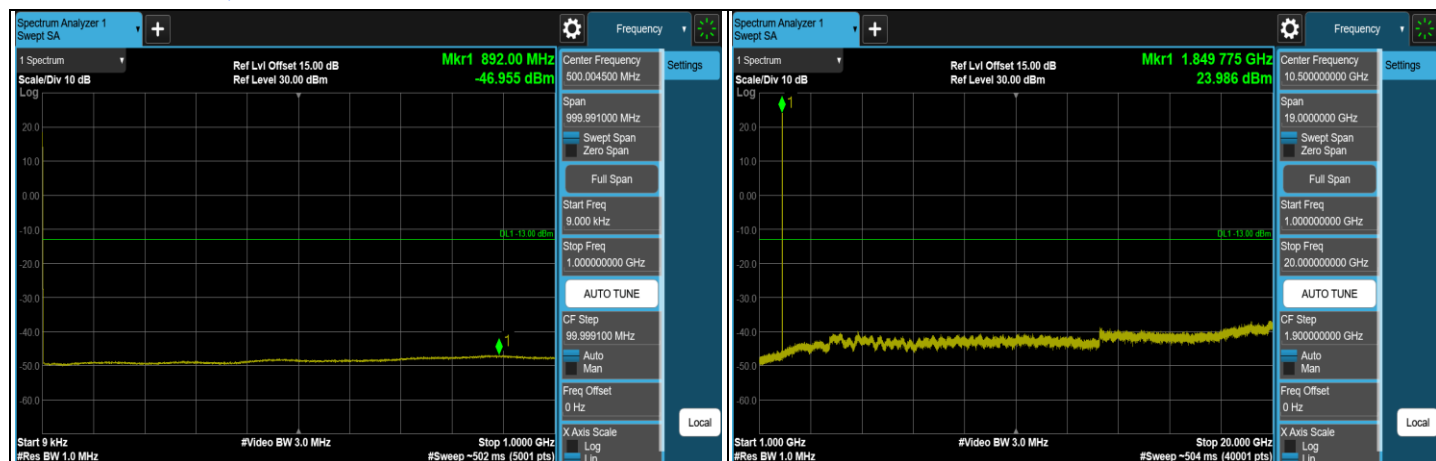
CH 19185 (1908.5 MHz)

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

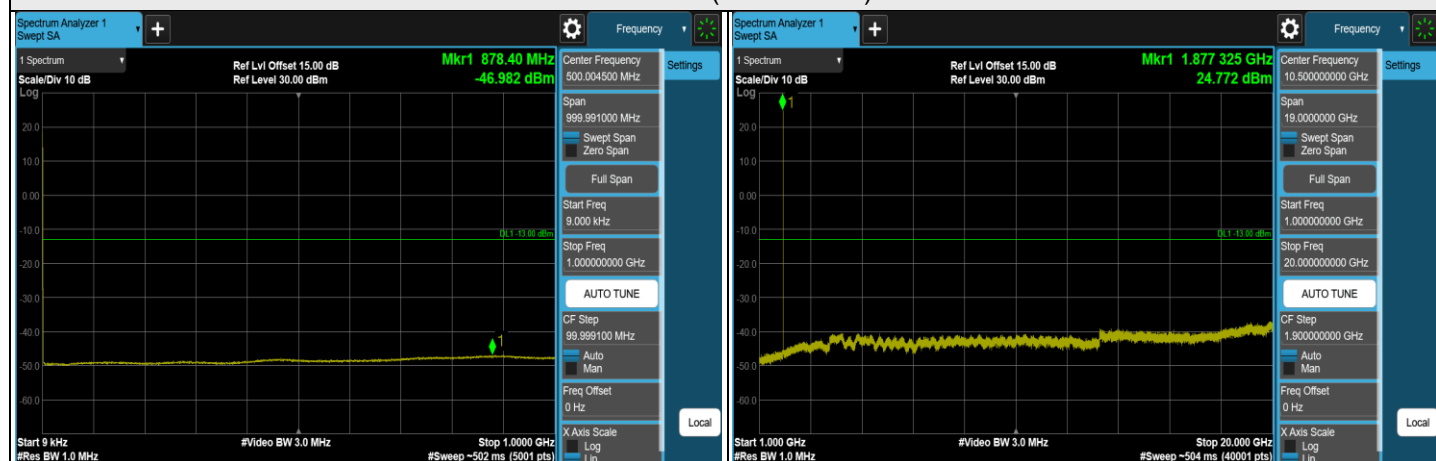
LTE Cat.1 Band 2, Channel Bandwidth: 3 MHz



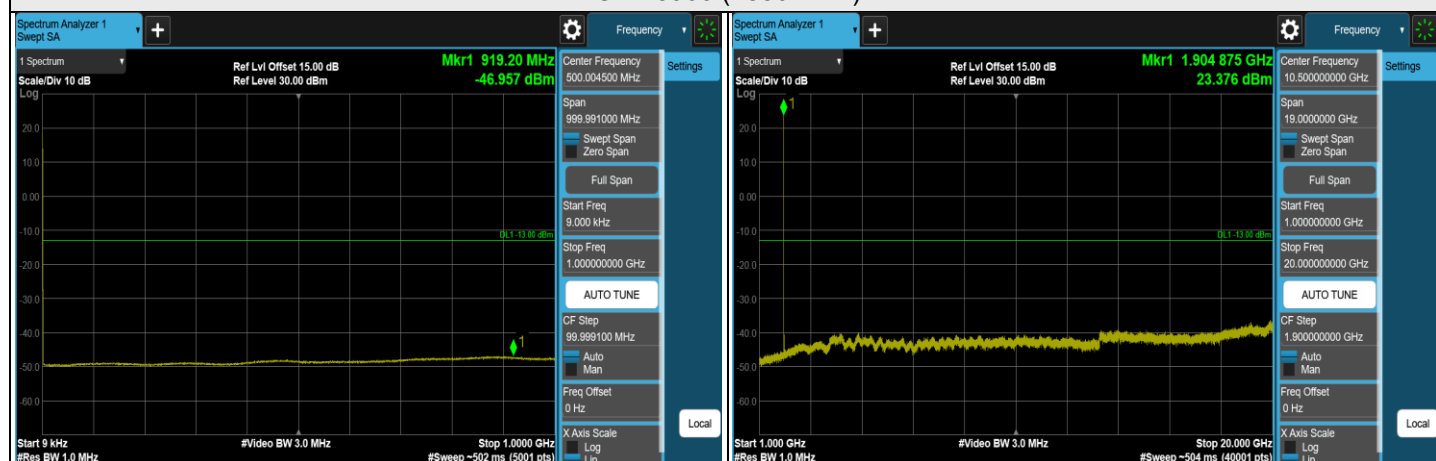
LTE Cat.1 Band 2, Channel Bandwidth: 5 MHz



CH 18625 (1852.5 MHz)



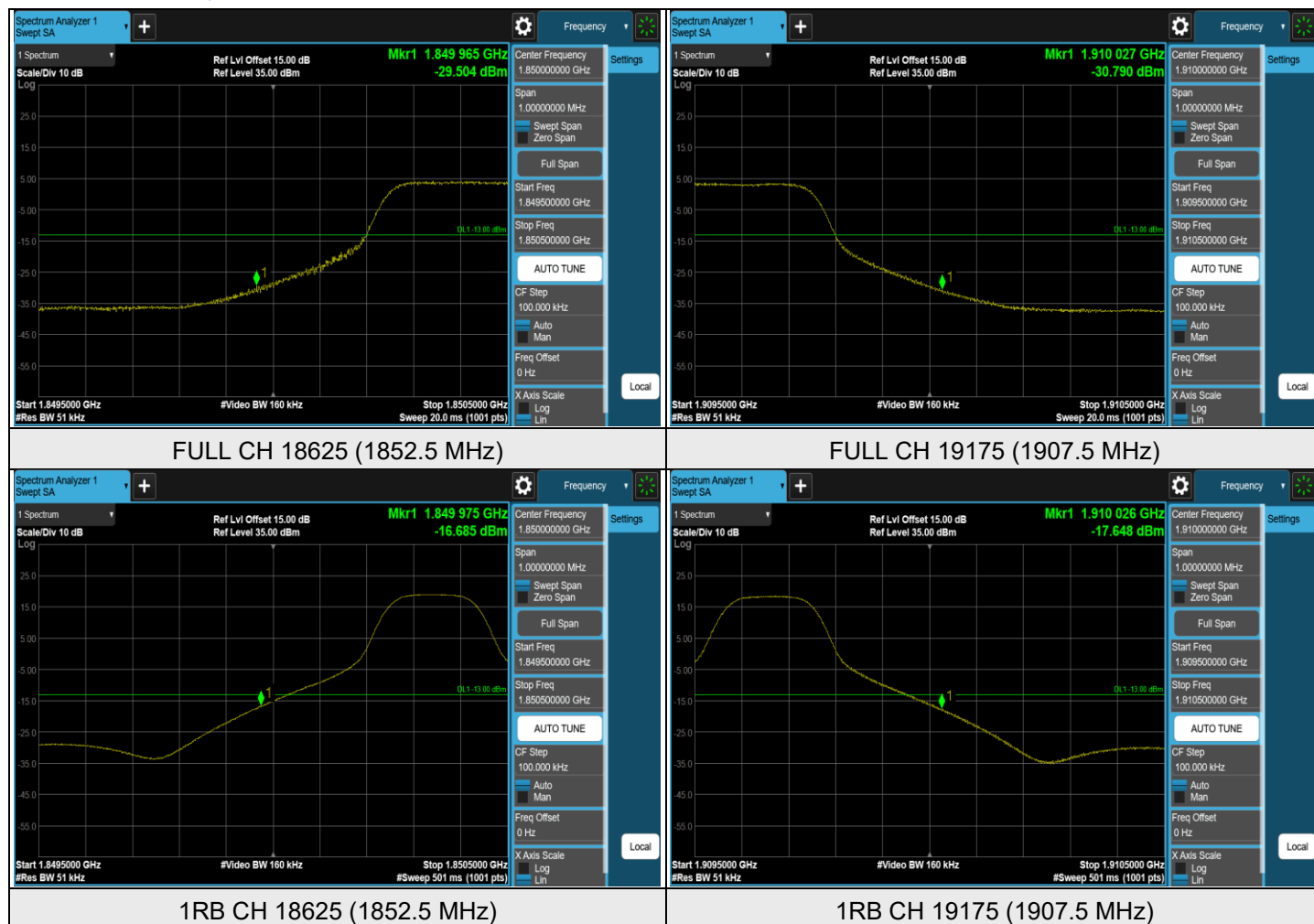
CH 18900 (1880 MHz)



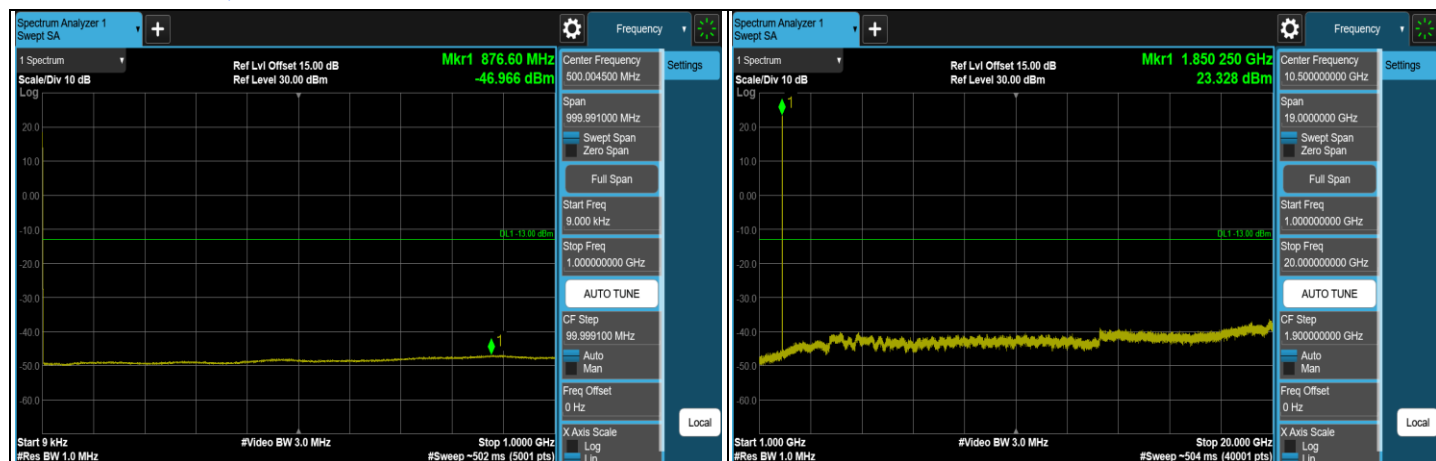
CH 19175 (1907.5 MHz)

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

LTE Cat.1 Band 2, Channel Bandwidth: 5 MHz



LTE Cat.1 Band 2, Channel Bandwidth: 10 MHz



CH 18650 (1855 MHz)



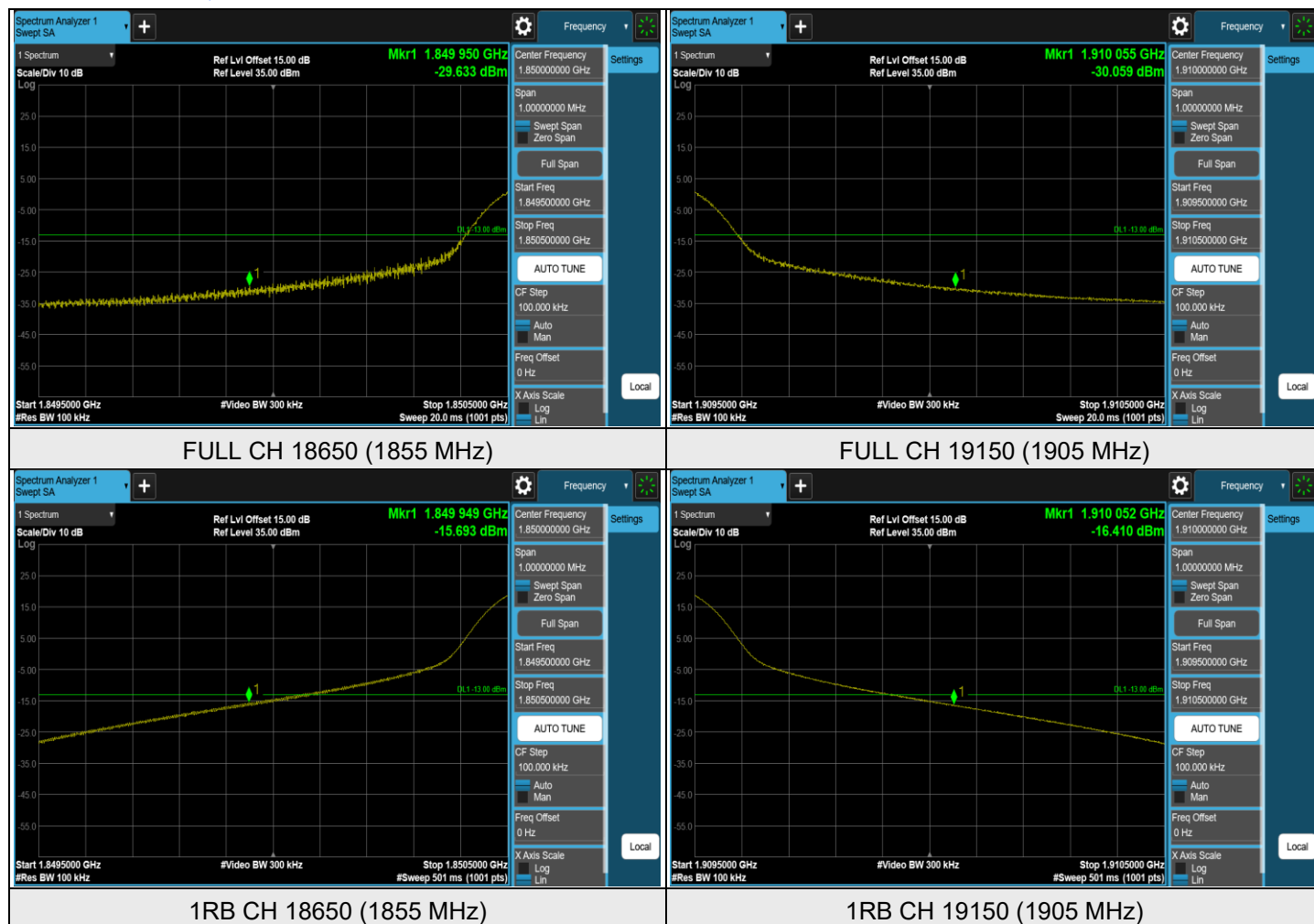
CH 18900 (1880 MHz)



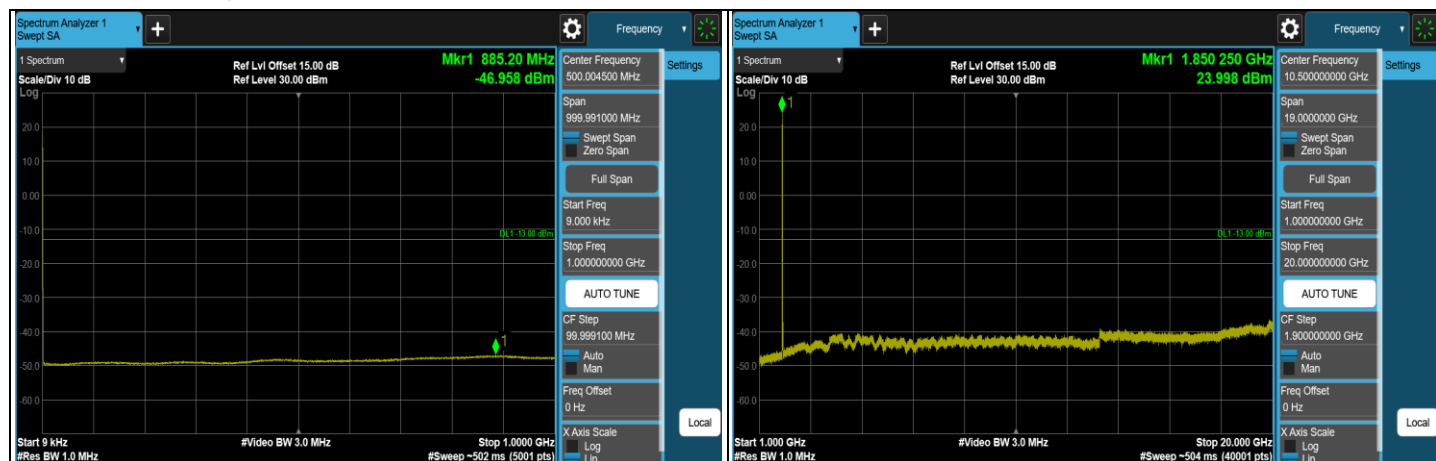
CH 19150 (1905 MHz)

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

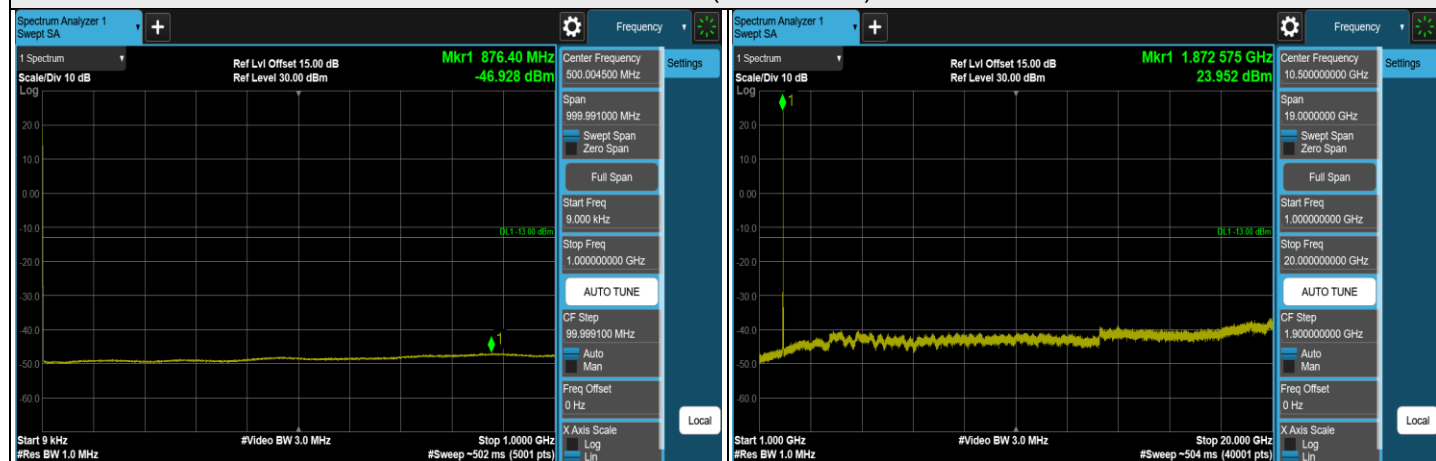
LTE Cat.1 Band 2, Channel Bandwidth: 10 MHz



LTE Cat.1 Band 2, Channel Bandwidth: 15 MHz



CH 18675 (1857.5 MHz)



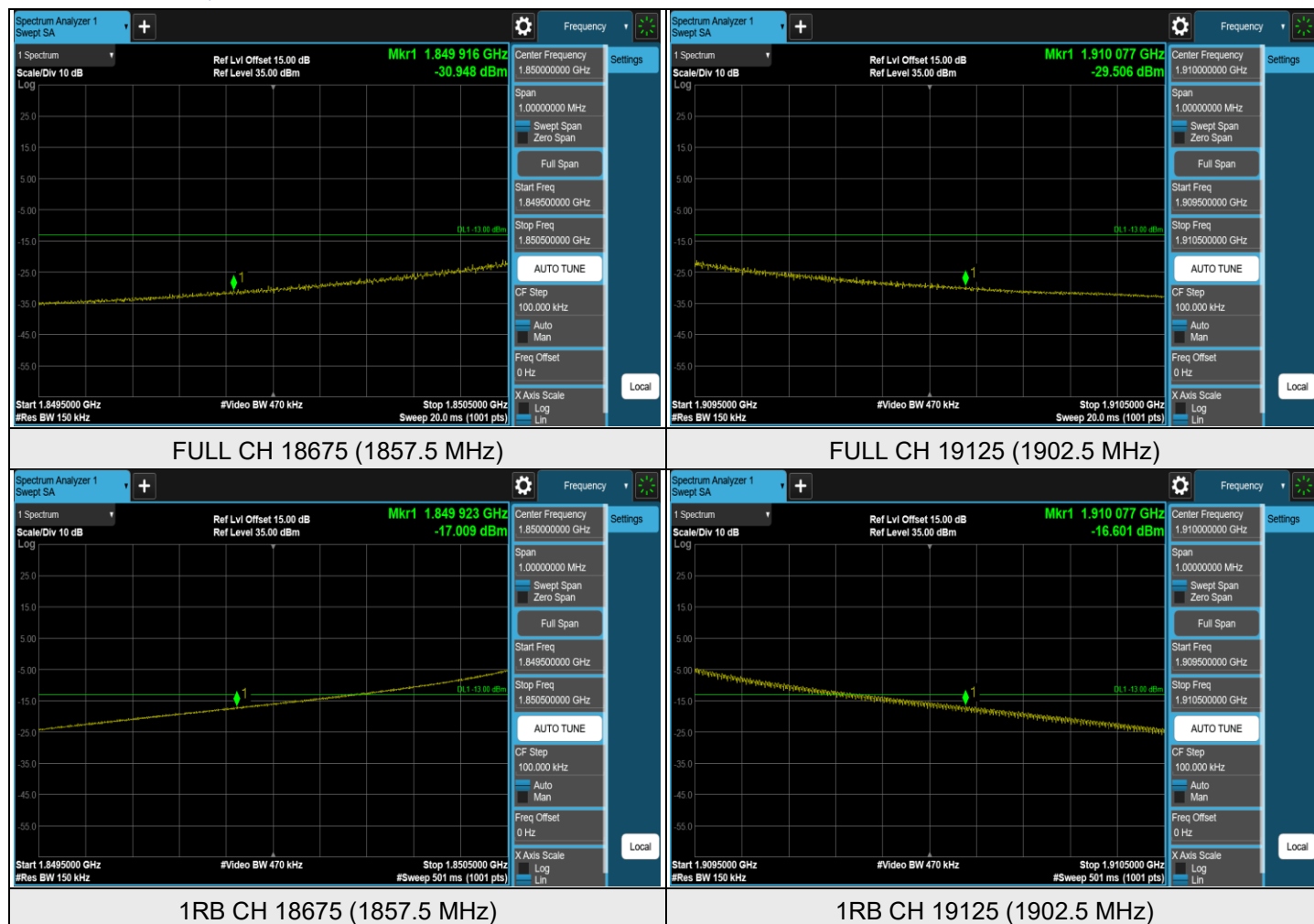
CH 18900 (1880 MHz)



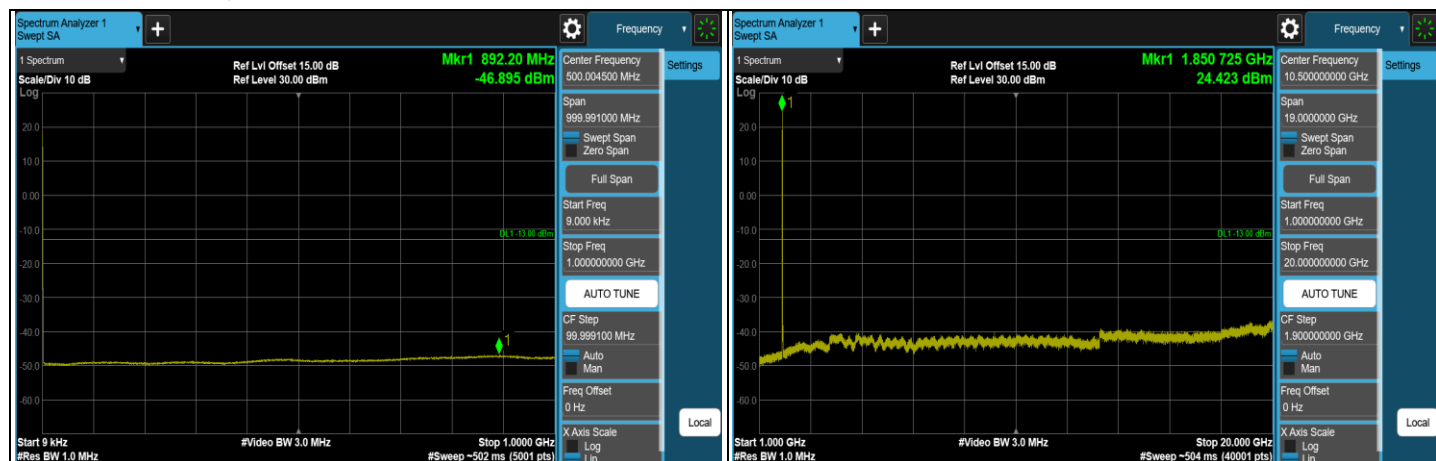
CH 19125 (1902.5 MHz)

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

LTE Cat.1 Band 2, Channel Bandwidth: 15 MHz



LTE Cat.1 Band 2, Channel Bandwidth: 20 MHz



CH 18700 (1860 MHz)



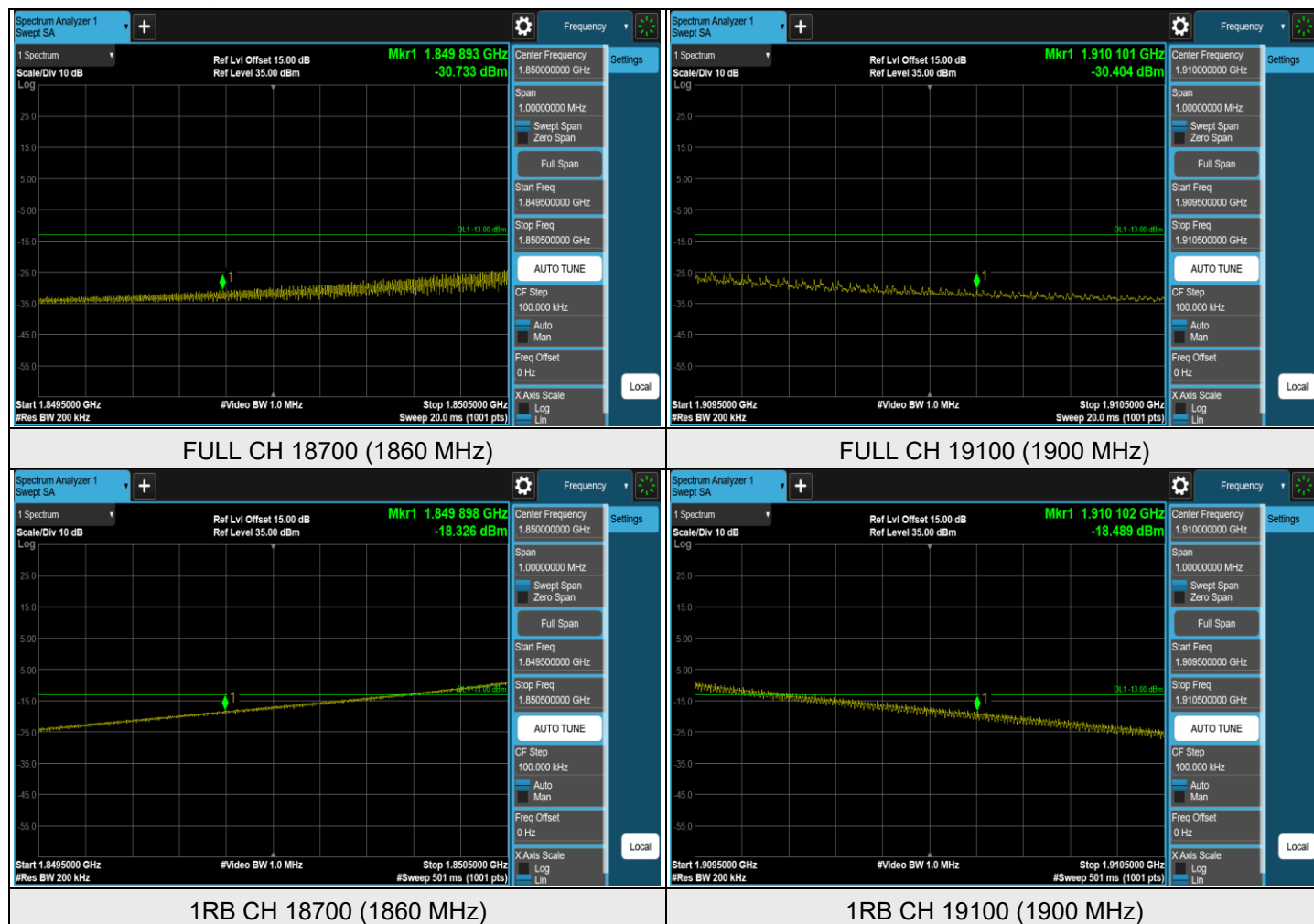
CH 18900 (1880 MHz)



CH 19100 (1900 MHz)

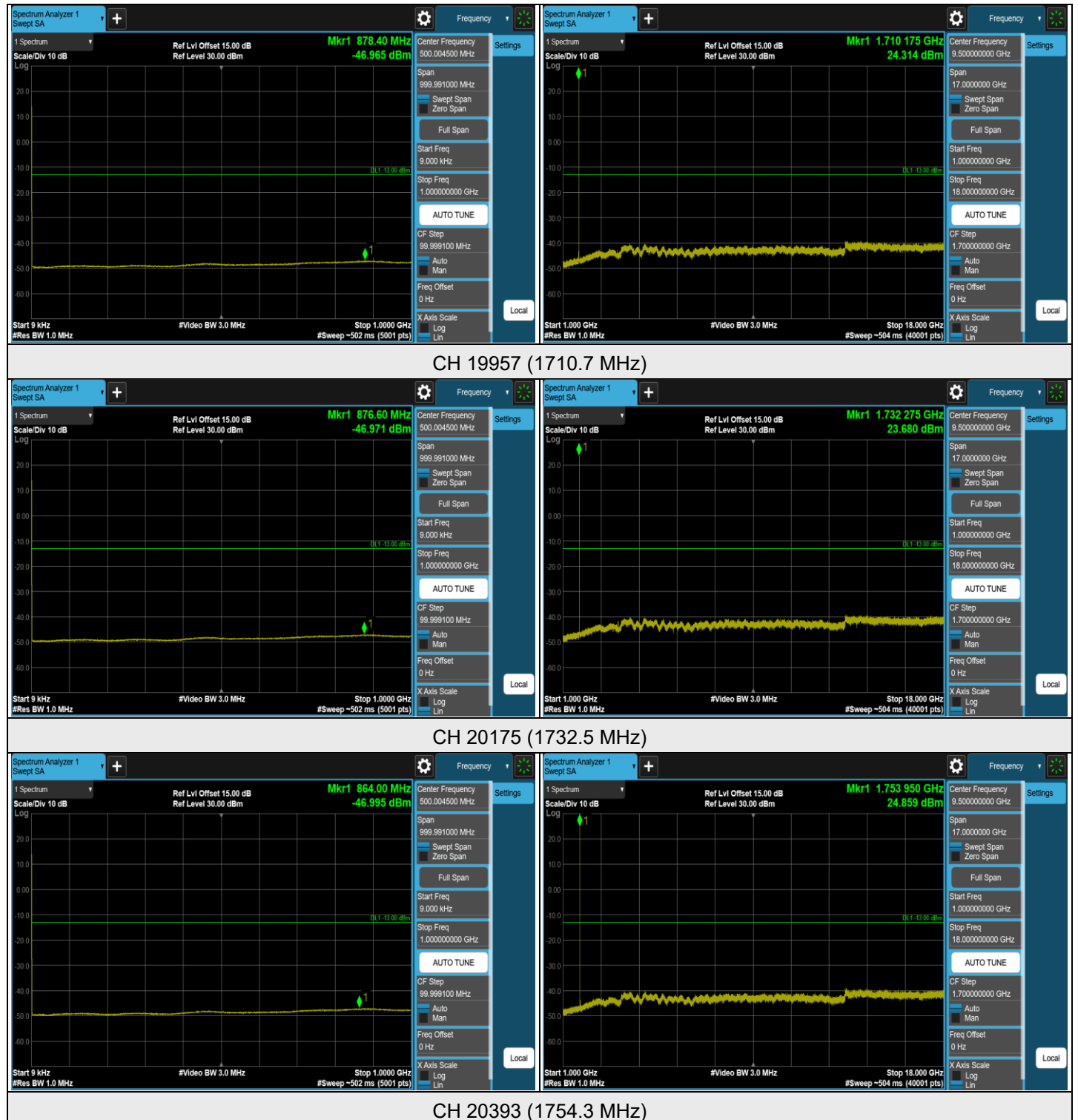
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Cat.1 Band 2, Channel Bandwidth: 20 MHz



7.5.2 LTE Cat.1 Band 4

LTE Cat.1 Band 4, Channel Bandwidth: 1.4 MHz



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