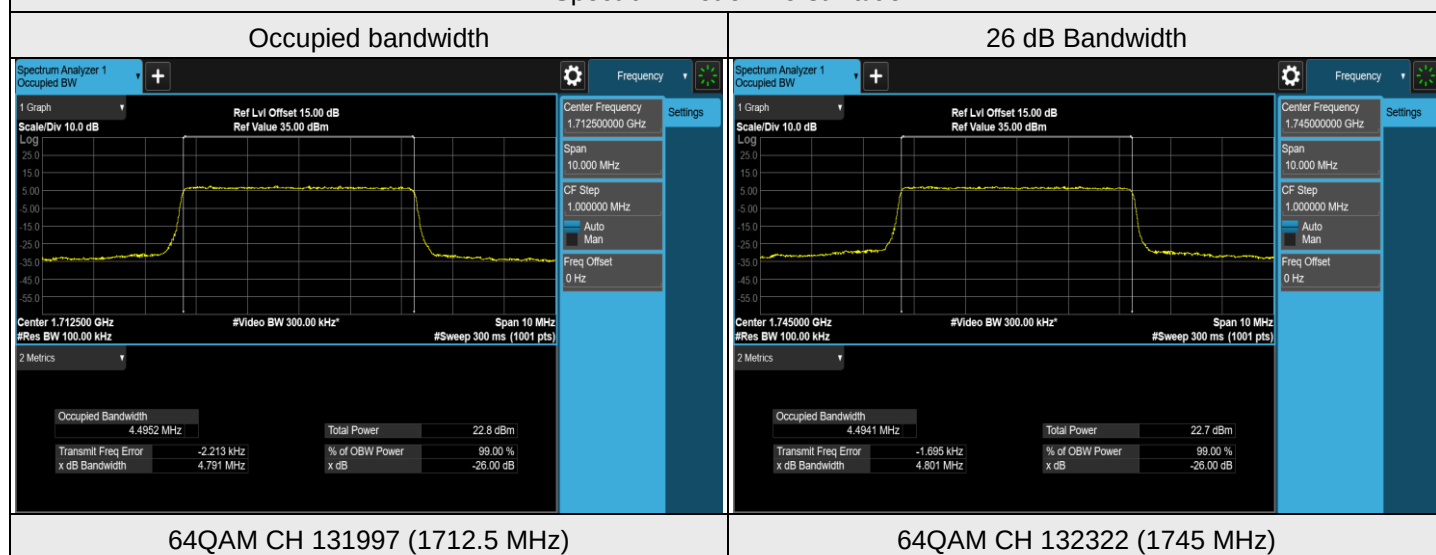


LTE Band 66, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	131997	1712.5	4.4924	4.743
QPSK	132322	1745	4.4942	4.785
QPSK	132647	1777.5	4.4903	4.728
16QAM	131997	1712.5	4.4900	4.785
16QAM	132322	1745	4.4907	4.776
16QAM	132647	1777.5	4.4910	4.783
64QAM	131997	1712.5	4.4952	4.791
64QAM	132322	1745	4.4941	4.801
64QAM	132647	1777.5	4.4945	4.786
256QAM	131997	1712.5	4.4874	4.787
256QAM	132322	1745	4.4893	4.792
256QAM	132647	1777.5	4.4886	4.777

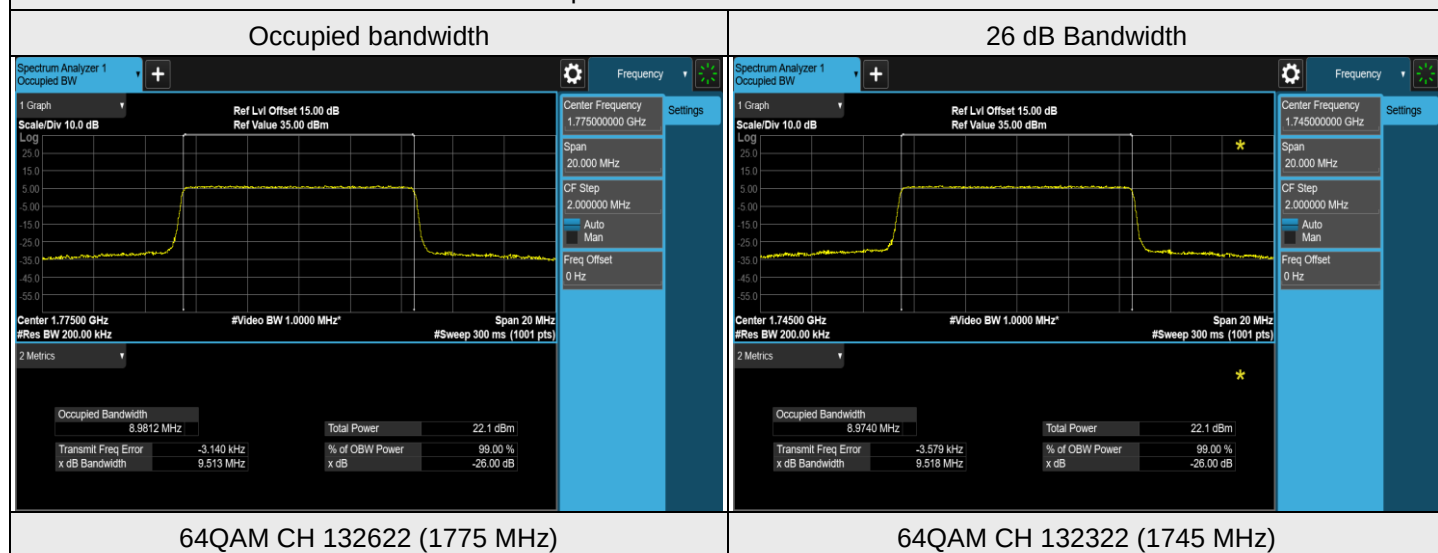
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	132022	1715	8.9728	9.510
QPSK	132322	1745	8.9719	9.491
QPSK	132622	1775	8.9730	9.494
16QAM	132022	1715	8.9662	9.496
16QAM	132322	1745	8.9720	9.502
16QAM	132622	1775	8.9604	9.354
64QAM	132022	1715	8.9775	9.512
64QAM	132322	1745	8.9740	9.518
64QAM	132622	1775	8.9812	9.513
256QAM	132022	1715	8.9690	9.510
256QAM	132322	1745	8.9684	9.508
256QAM	132622	1775	8.9691	9.496

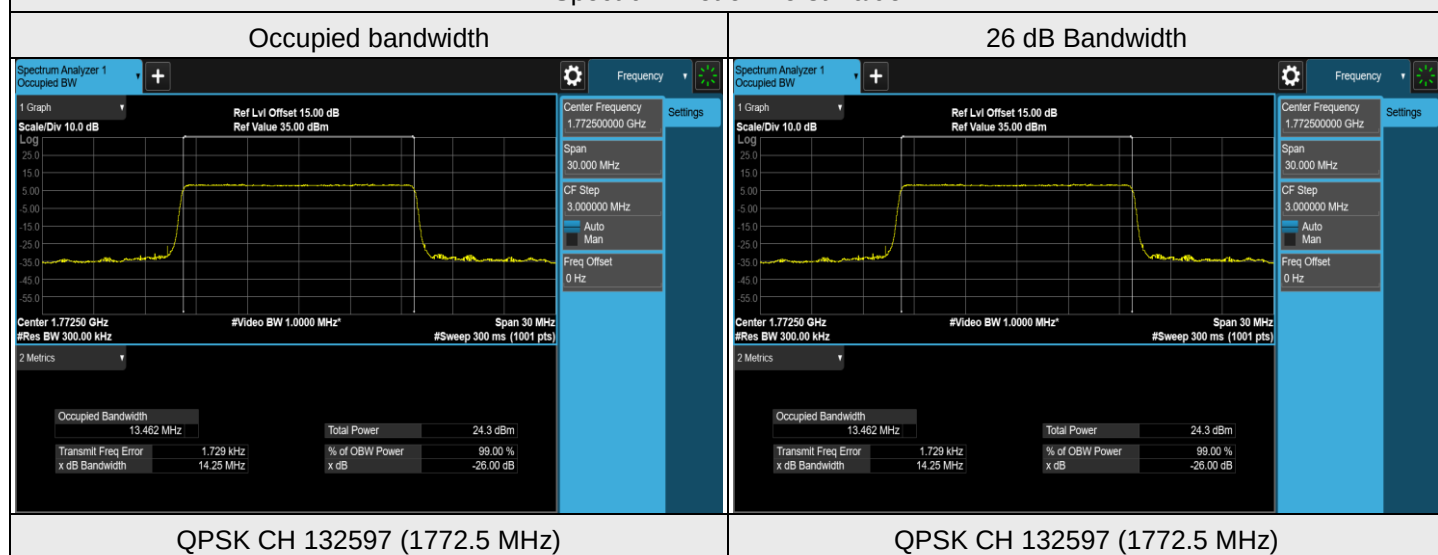
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	132047	1717.5	13.4619	14.231
QPSK	132322	1745	13.4600	14.224
QPSK	132597	1772.5	13.4623	14.245
16QAM	132047	1717.5	13.4521	14.209
16QAM	132322	1745	13.4496	14.225
16QAM	132597	1772.5	13.4437	14.047
64QAM	132047	1717.5	13.4476	14.229
64QAM	132322	1745	13.4461	14.217
64QAM	132597	1772.5	13.4504	14.238
256QAM	132047	1717.5	13.4519	14.225
256QAM	132322	1745	13.4468	14.137
256QAM	132597	1772.5	13.4476	14.216

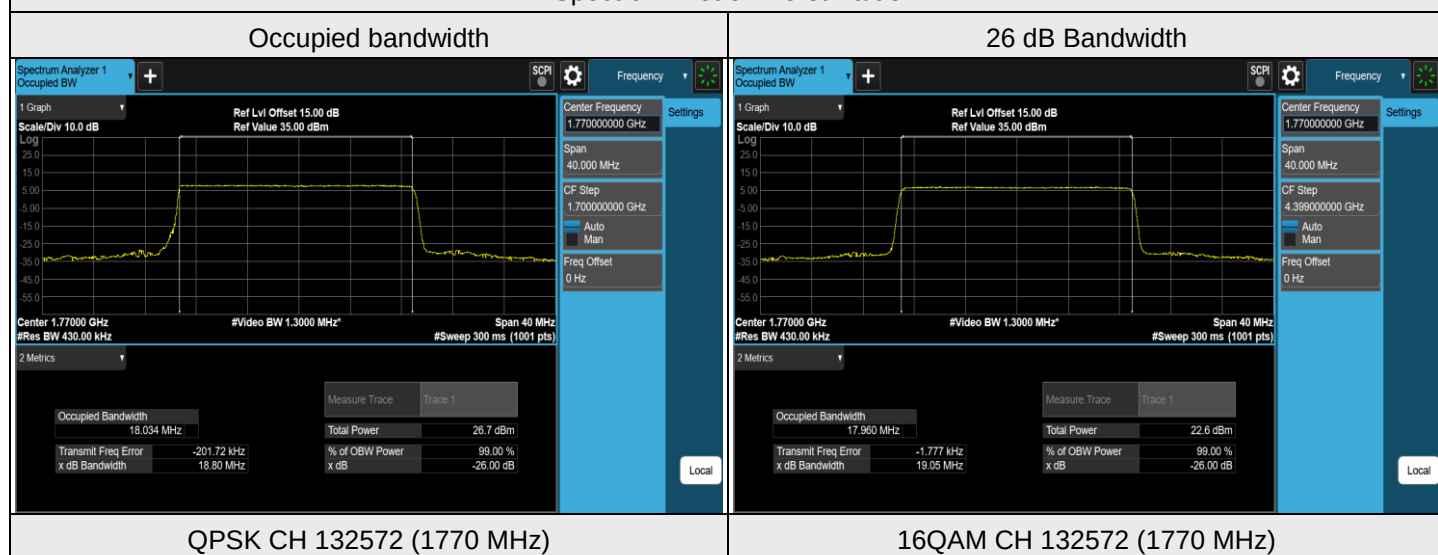
Spectrum Plot of Worst Value



LTE Band 66, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	17.9461	19.016
QPSK	132322	1745	17.9352	19.026
QPSK	132572	1770	18.0340	18.796
16QAM	132072	1720	17.9591	19.024
16QAM	132322	1745	17.9491	19.024
16QAM	132572	1770	17.9604	19.051
64QAM	132072	1720	17.9492	19.024
64QAM	132322	1745	17.9460	19.011
64QAM	132572	1770	17.9486	19.036
256QAM	132072	1720	17.9503	19.033
256QAM	132322	1745	17.9494	19.030
256QAM	132572	1770	17.9518	19.029

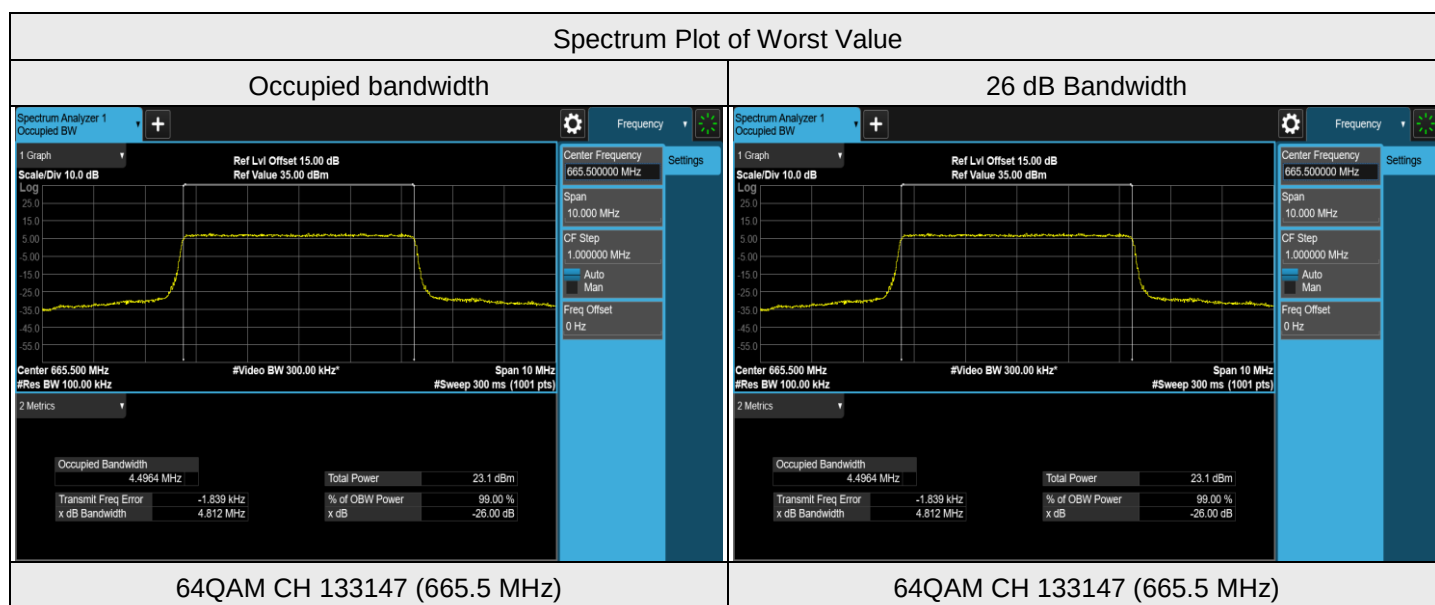
Spectrum Plot of Worst Value



7.4.14 LTE Band 71

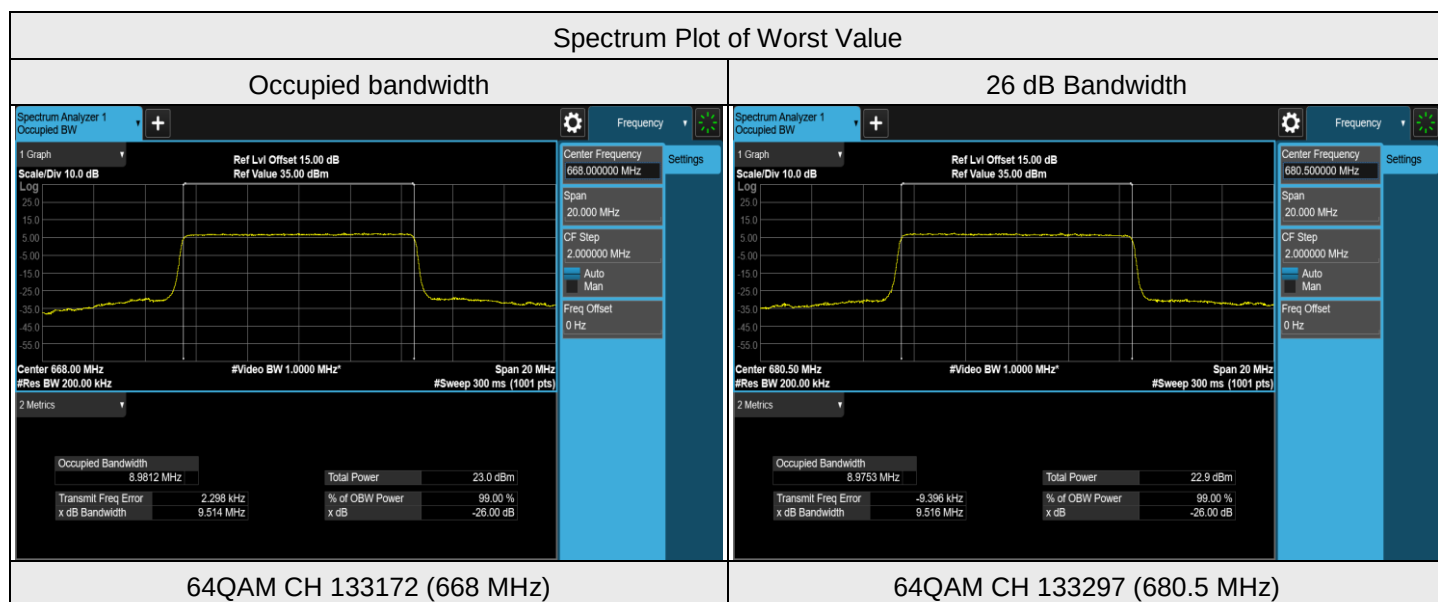
LTE Band 71, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	133147	665.5	4.4847	4.713
QPSK	133297	680.5	4.4921	4.777
QPSK	133447	695.5	4.4912	4.787
16QAM	133147	665.5	4.4894	4.775
16QAM	133297	680.5	4.4900	4.779
16QAM	133447	695.5	4.4900	4.782
64QAM	133147	665.5	4.4964	4.812
64QAM	133297	680.5	4.4926	4.778
64QAM	133447	695.5	4.4920	4.792
256QAM	133147	665.5	4.4860	4.788
256QAM	133297	680.5	4.4864	4.770
256QAM	133447	695.5	4.4883	4.774



LTE Band 71, Channel Bandwidth: 10 MHz

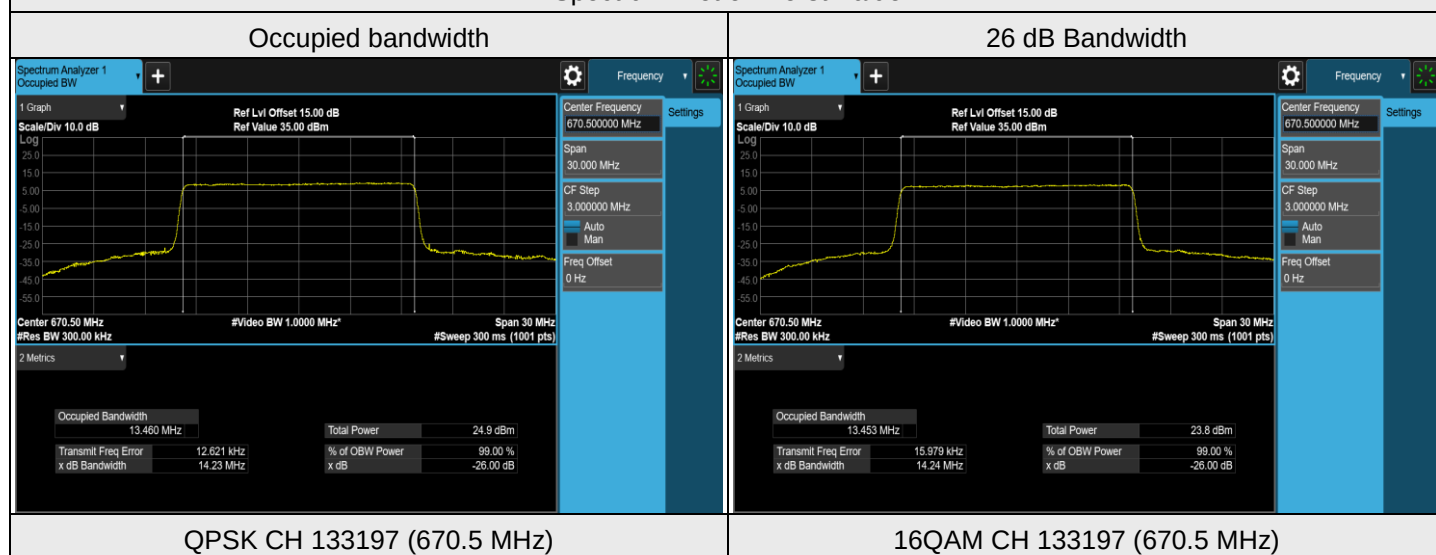
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	133172	668	8.9753	9.499
QPSK	133297	680.5	8.9733	9.494
QPSK	133422	693	8.9522	9.490
16QAM	133172	668	8.9768	9.500
16QAM	133297	680.5	8.9734	9.499
16QAM	133422	693	8.9520	9.490
64QAM	133172	668	8.9812	9.514
64QAM	133297	680.5	8.9753	9.516
64QAM	133422	693	8.9558	9.505
256QAM	133172	668	8.9681	9.507
256QAM	133297	680.5	8.9676	9.505
256QAM	133422	693	8.9489	9.475



LTE Band 71, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth ((MHz))	26 dB Bandwidth ((MHz))
QPSK	133197	670.5	13.4597	14.225
QPSK	133297	680.5	13.4585	14.221
QPSK	133397	690.5	13.4281	14.211
16QAM	133197	670.5	13.4530	14.244
16QAM	133297	680.5	13.4492	14.215
16QAM	133397	690.5	13.4223	14.213
64QAM	133197	670.5	13.4479	14.227
64QAM	133297	680.5	13.4429	14.230
64QAM	133397	690.5	13.4174	14.222
256QAM	133197	670.5	13.4552	14.235
256QAM	133297	680.5	13.4483	14.234
256QAM	133397	690.5	13.4220	14.224

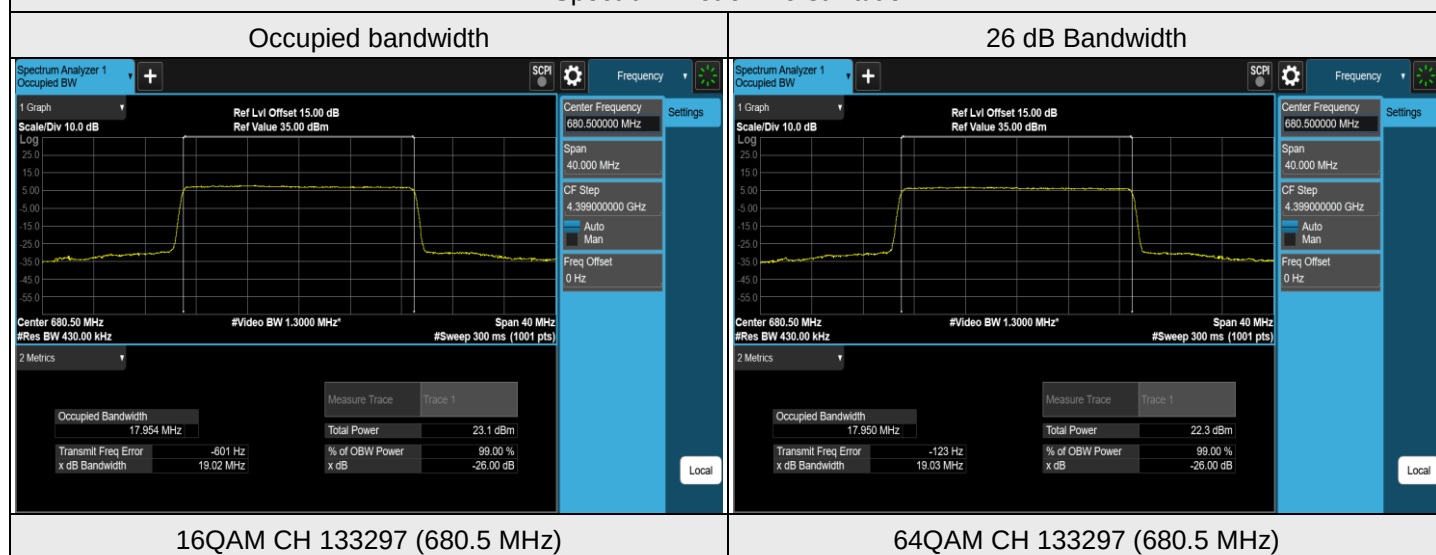
Spectrum Plot of Worst Value



LTE Band 71, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	133222	673	17.9351	19.023
QPSK	133297	680.5	17.9461	19.025
QPSK	133372	688	17.9065	19.007
16QAM	133222	673	17.9282	19.024
16QAM	133297	680.5	17.9539	19.024
16QAM	133372	688	17.9263	18.999
64QAM	133222	673	17.9302	19.012
64QAM	133297	680.5	17.9503	19.028
64QAM	133372	688	17.9203	19.016
256QAM	133222	673	17.9137	19.009
256QAM	133297	680.5	17.9512	19.017
256QAM	133372	688	17.9282	19.006

Spectrum Plot of Worst Value

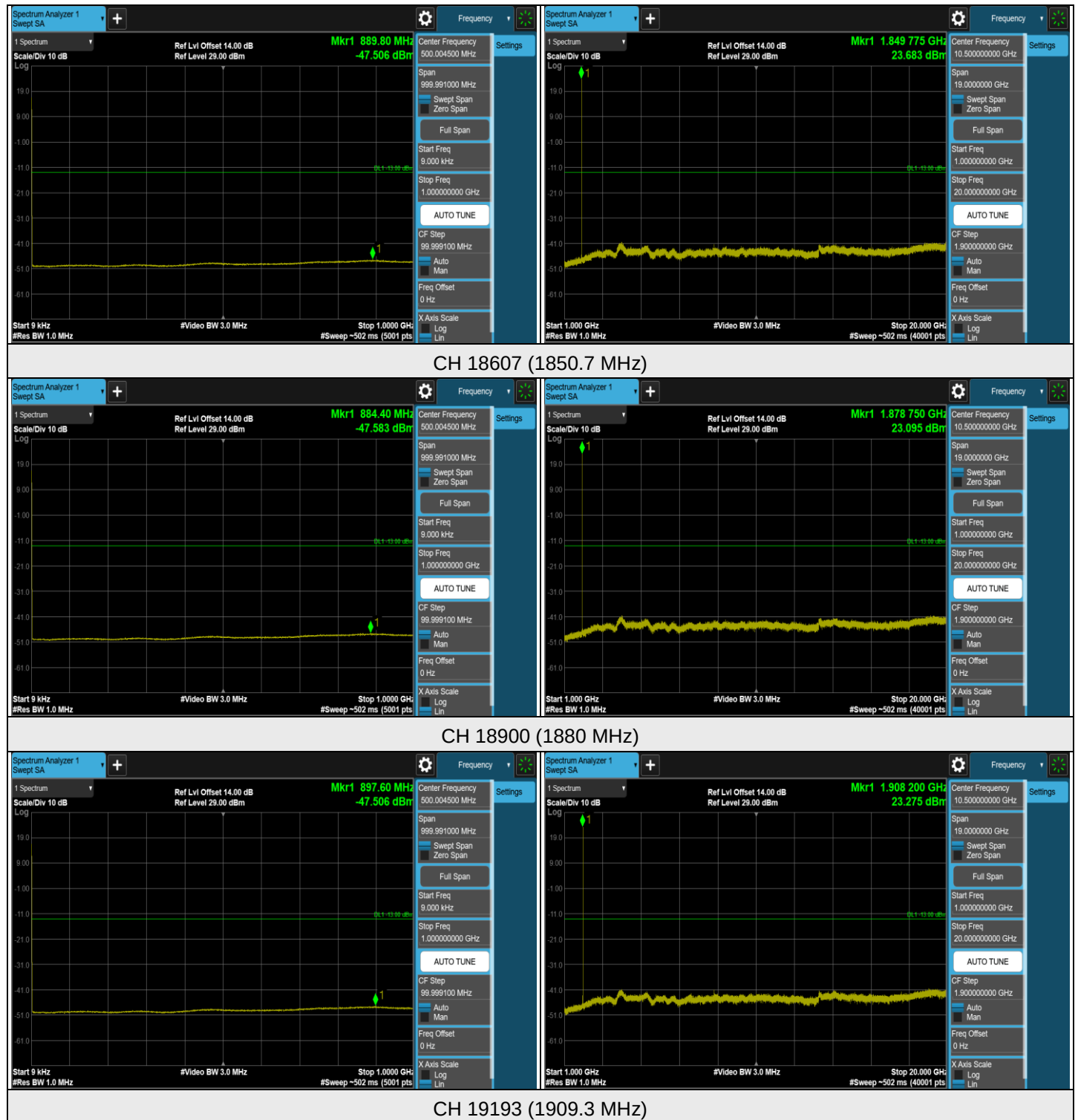


7.5 Conducted Spurious Emissions

Input Power:	4.7 Vdc	Environmental Conditions:	22°C, 73% RH	Tested By:	Willy Cheng
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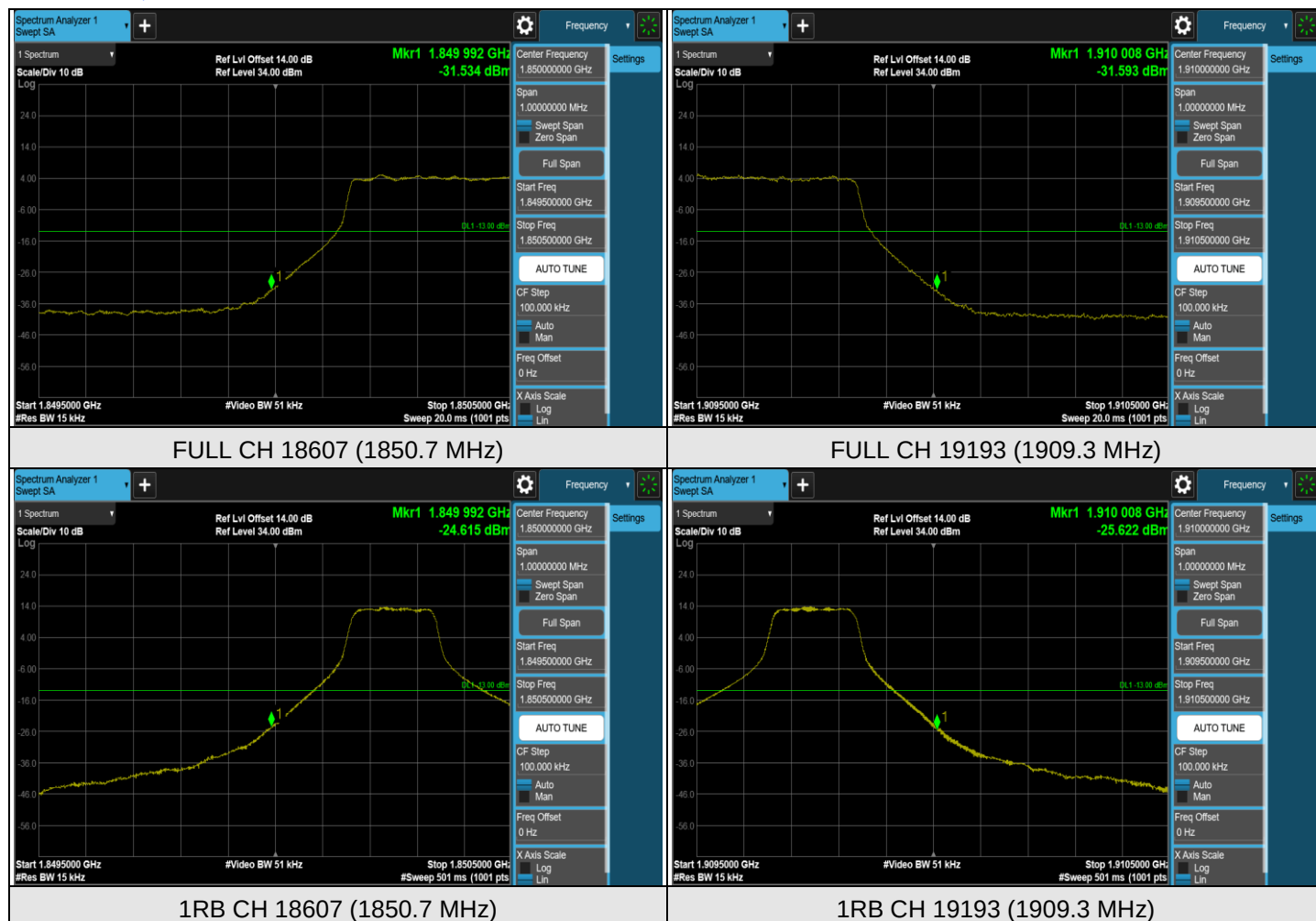
7.5.1 LTE Band 2

LTE Band 2, Channel Bandwidth: 1.4 MHz

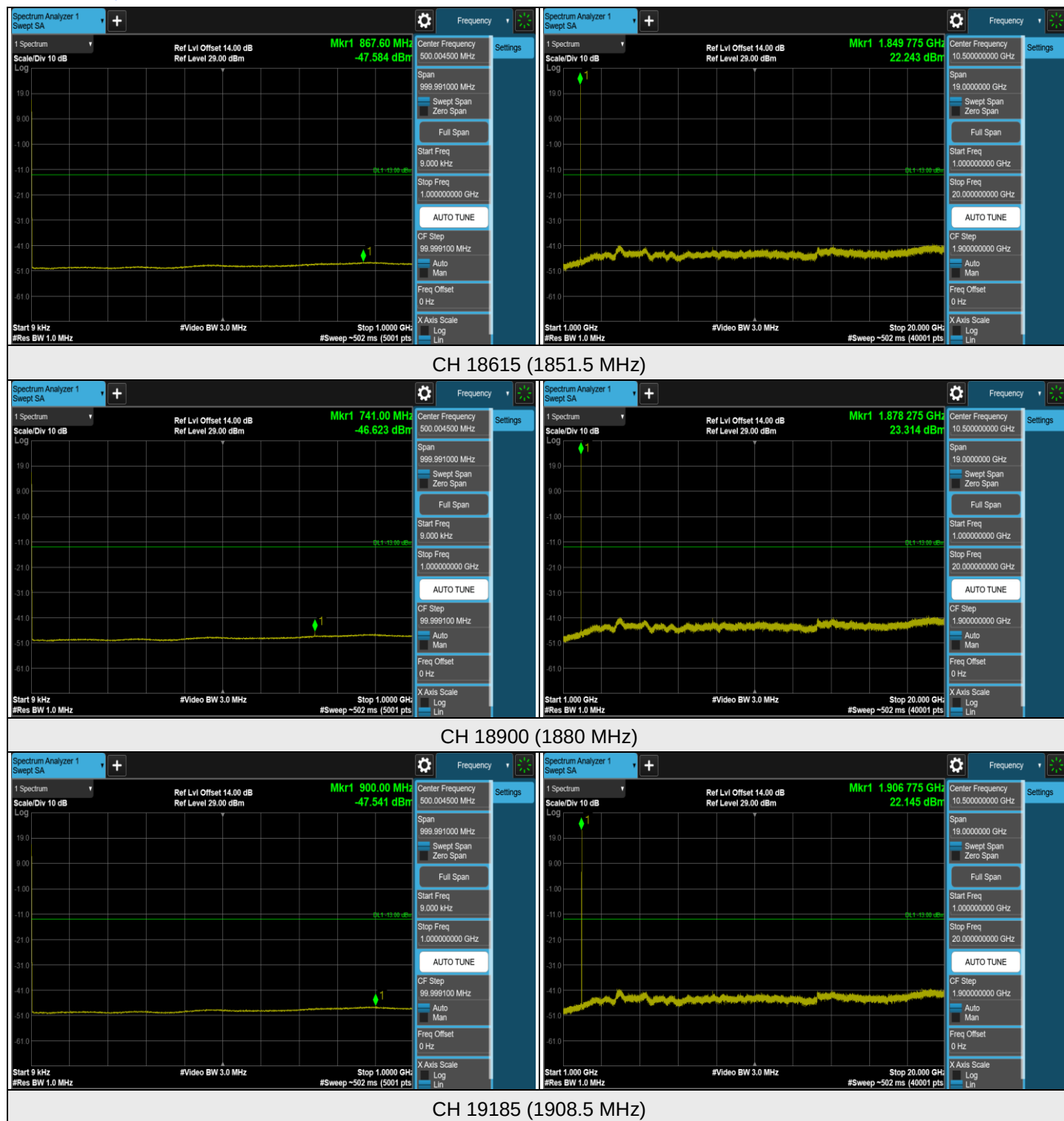


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 2, Channel Bandwidth: 1.4 MHz

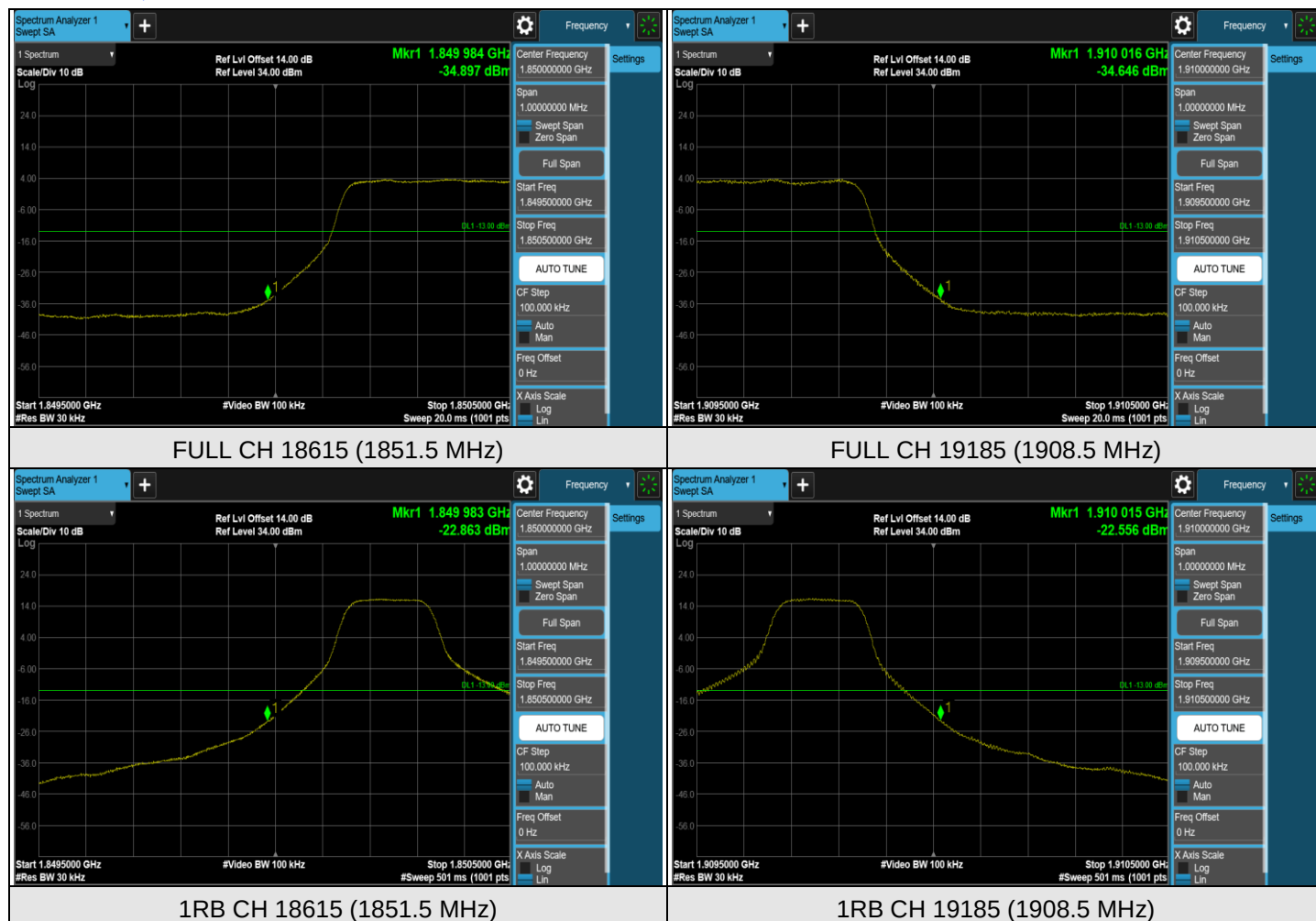


LTE Band 2, Channel Bandwidth: 3 MHz

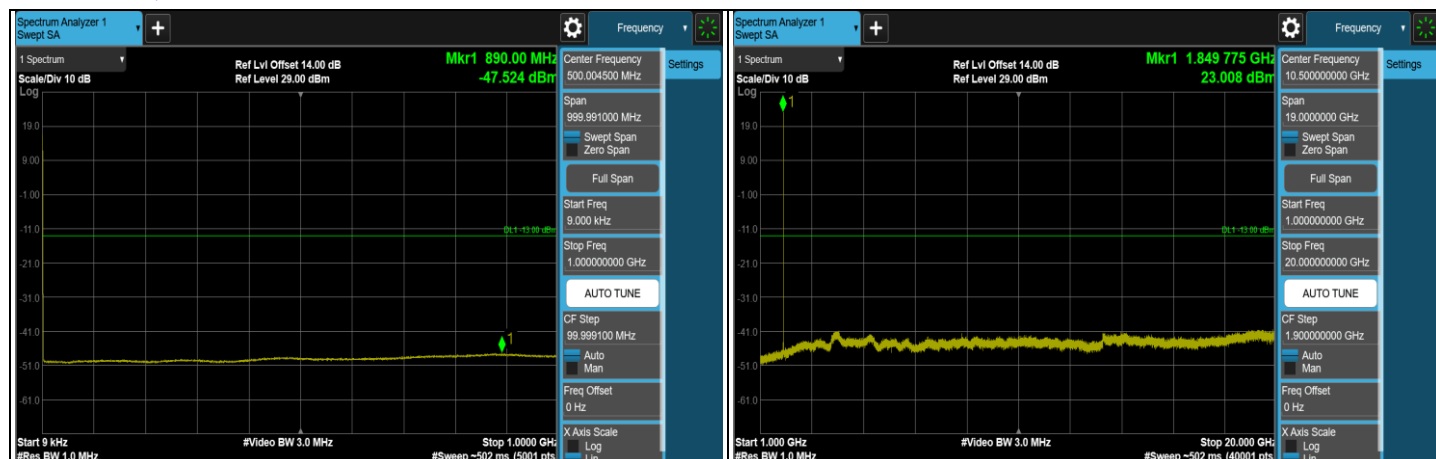


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

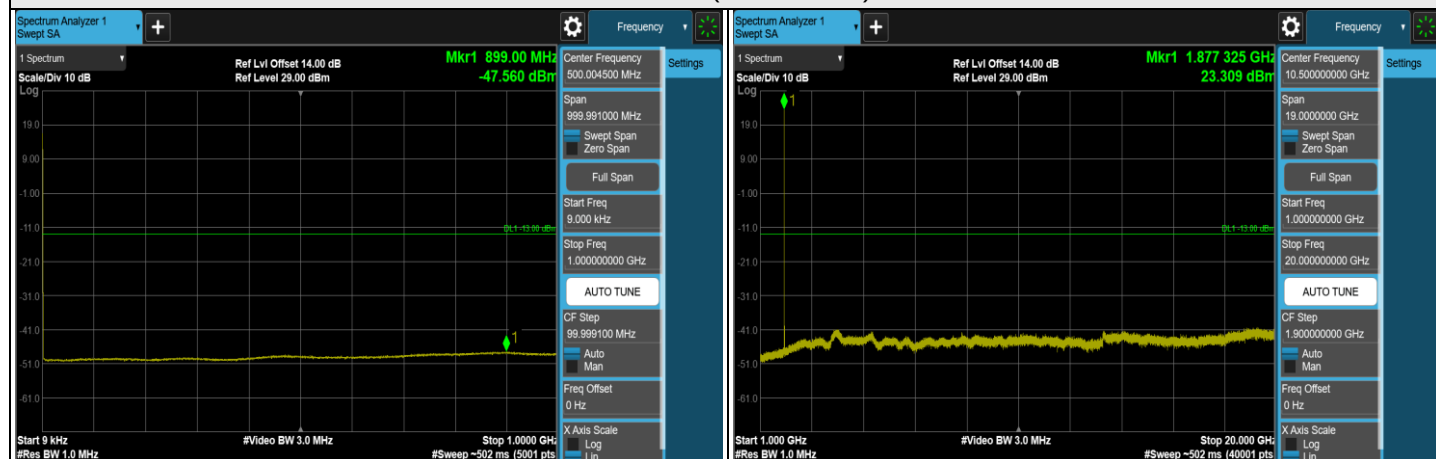
LTE Band 2, Channel Bandwidth: 3 MHz



LTE Band 2, Channel Bandwidth: 5 MHz



CH 18625 (1852.5 MHz)



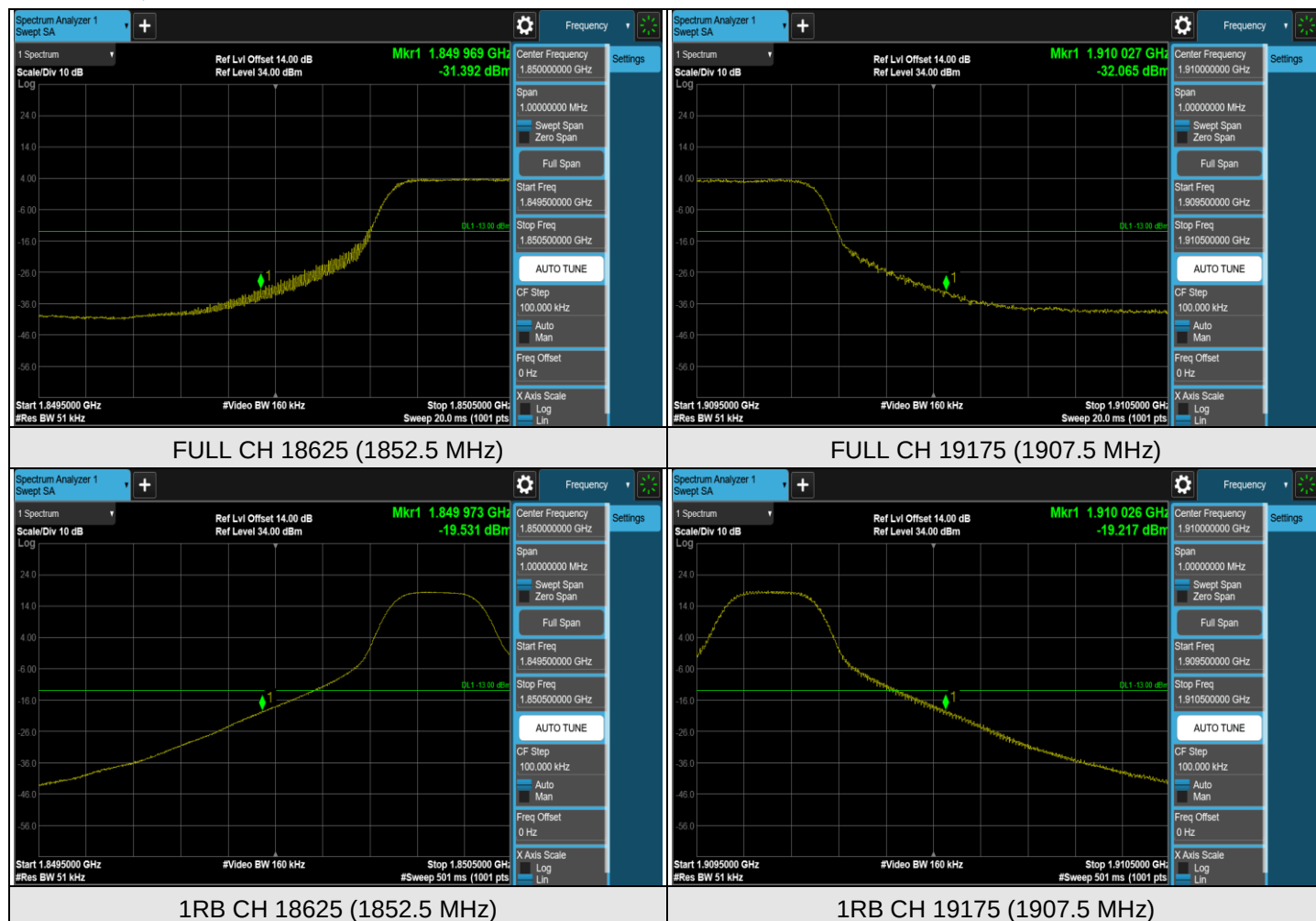
CH 18900 (1880 MHz)



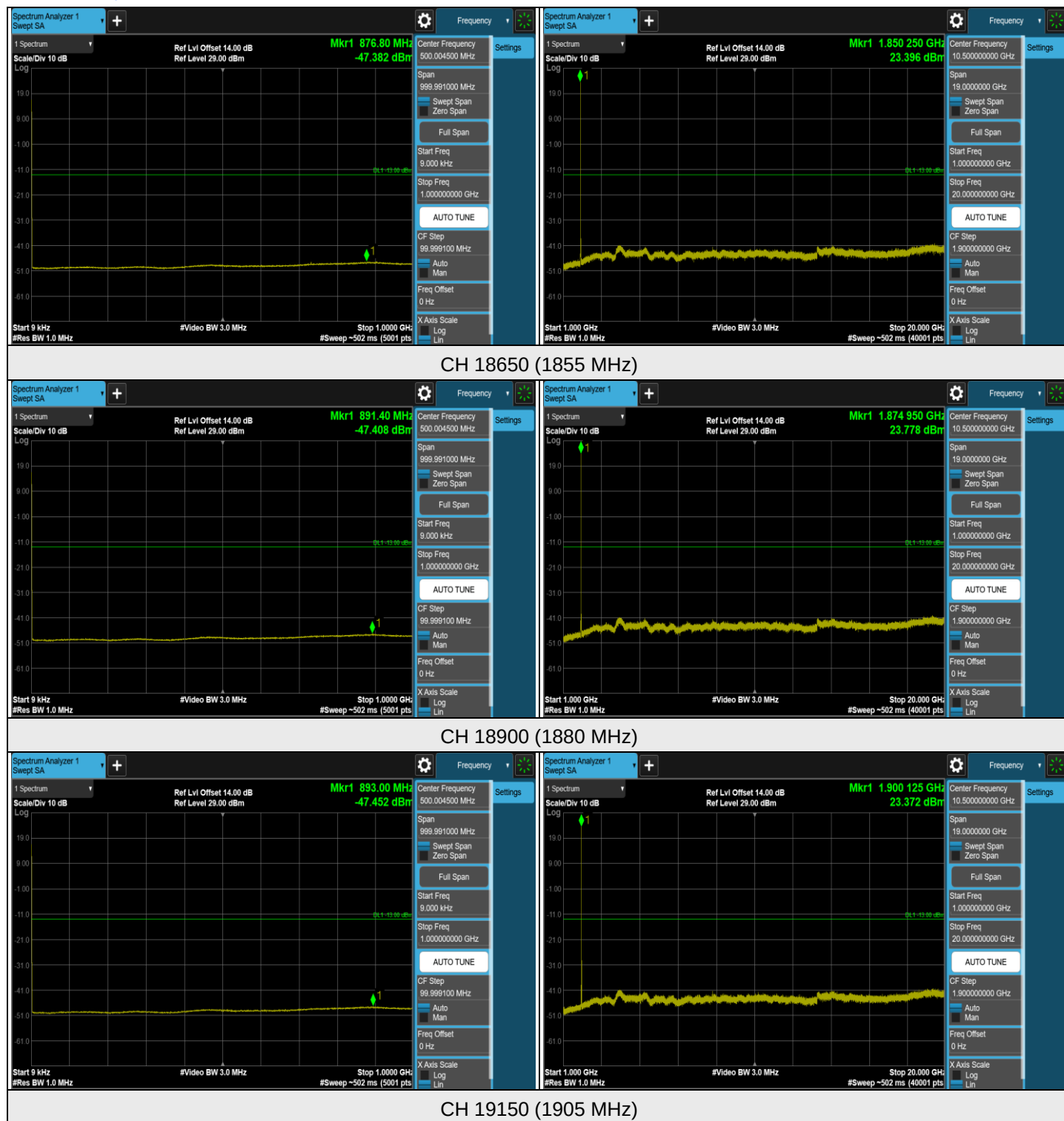
CH 19175 (1907.5 MHz)

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

LTE Band 2, Channel Bandwidth: 5 MHz

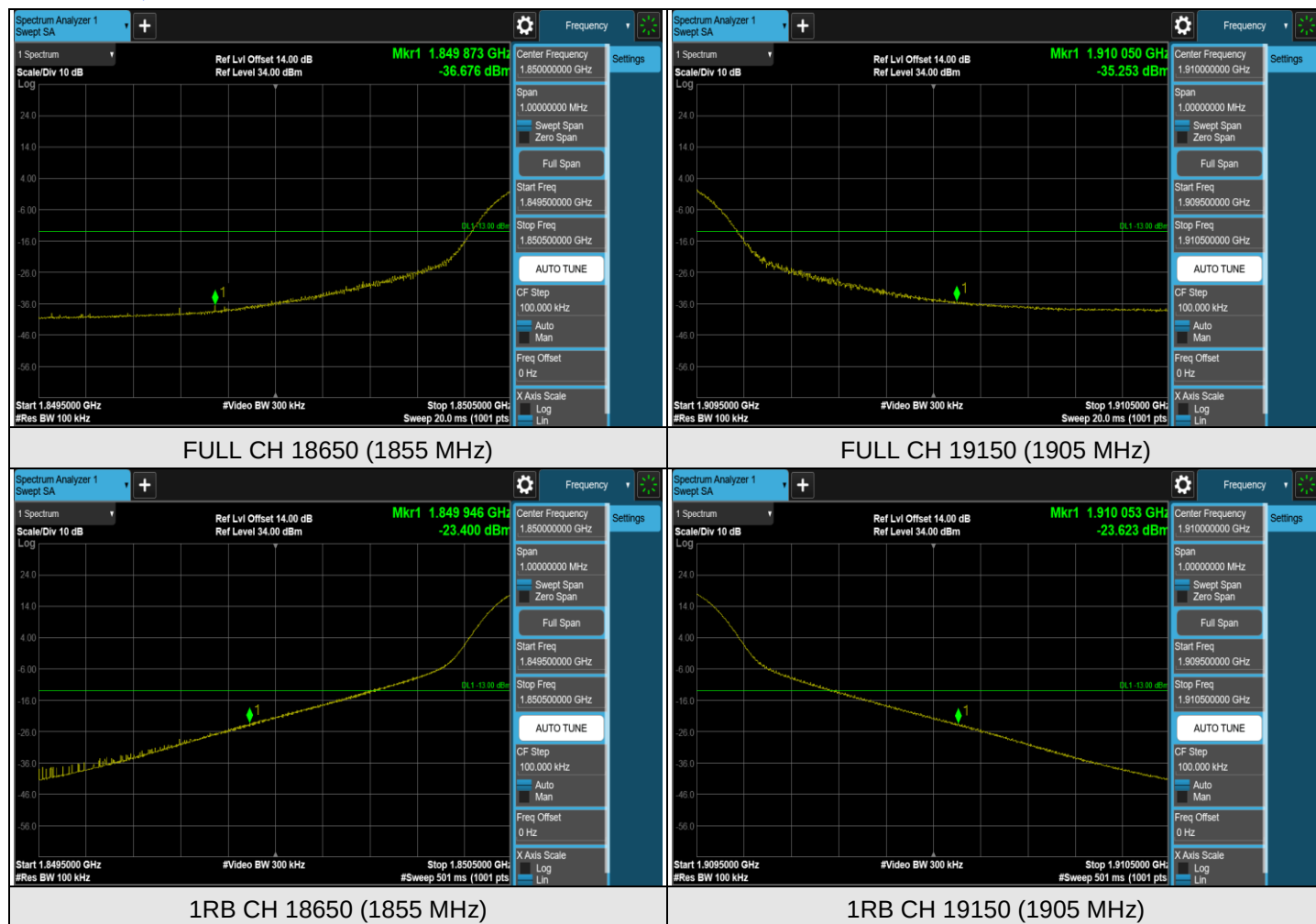


LTE Band 2, Channel Bandwidth: 10 MHz

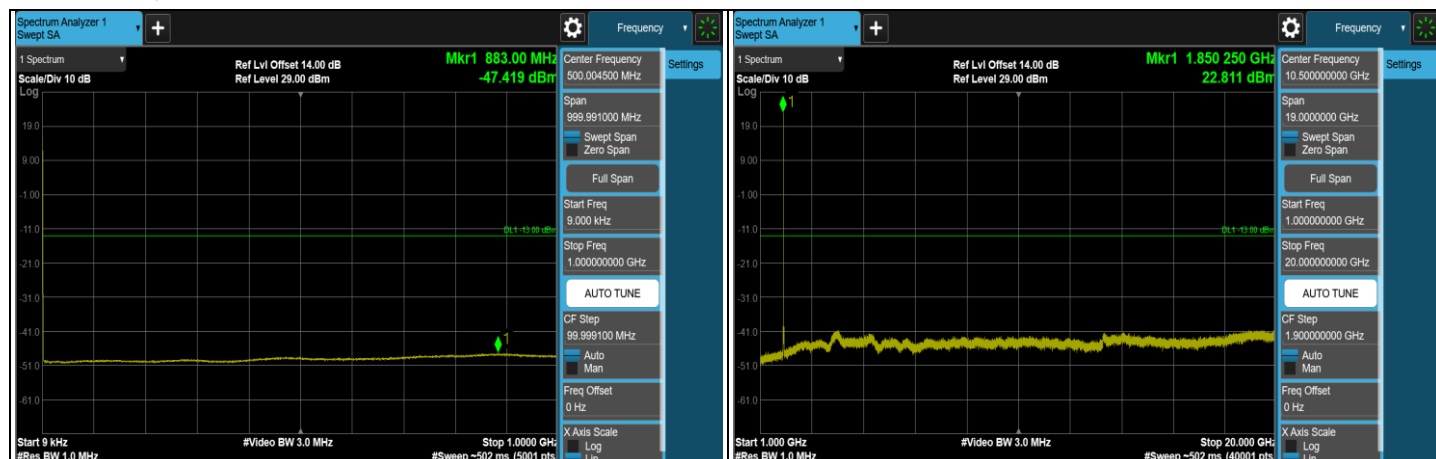


Note: The signal at 9 kHz is IF signal from spectrum analyzer.

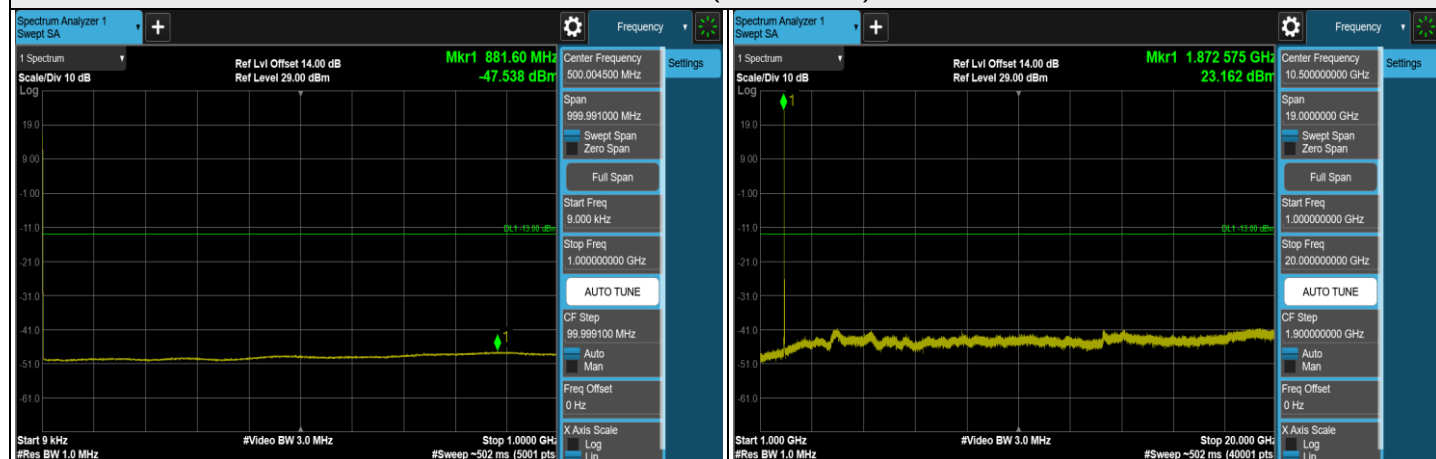
LTE Band 2, Channel Bandwidth: 10 MHz



LTE Band 2, Channel Bandwidth: 15 MHz



CH 18675 (1857.5 MHz)



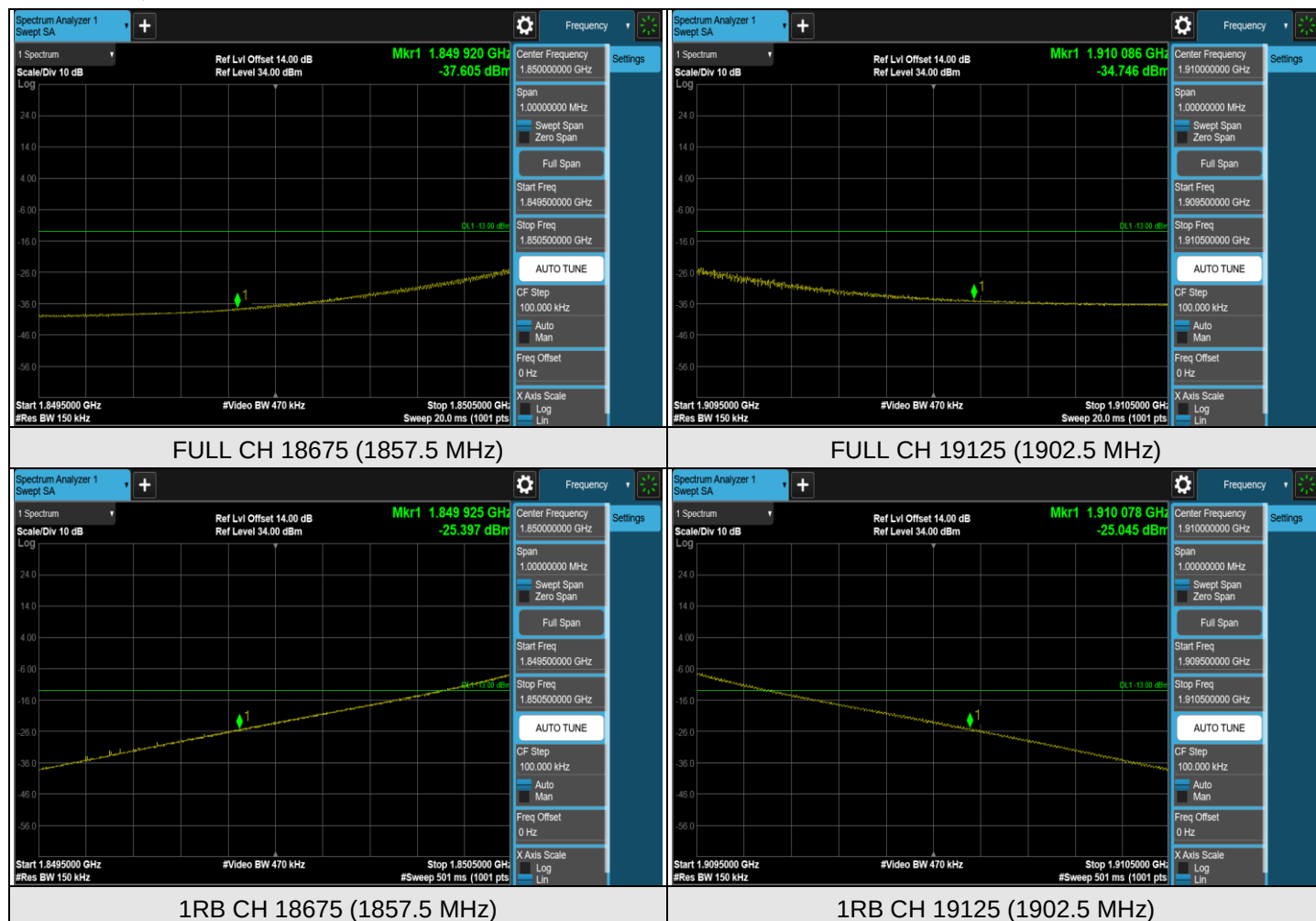
CH 18900 (1880 MHz)



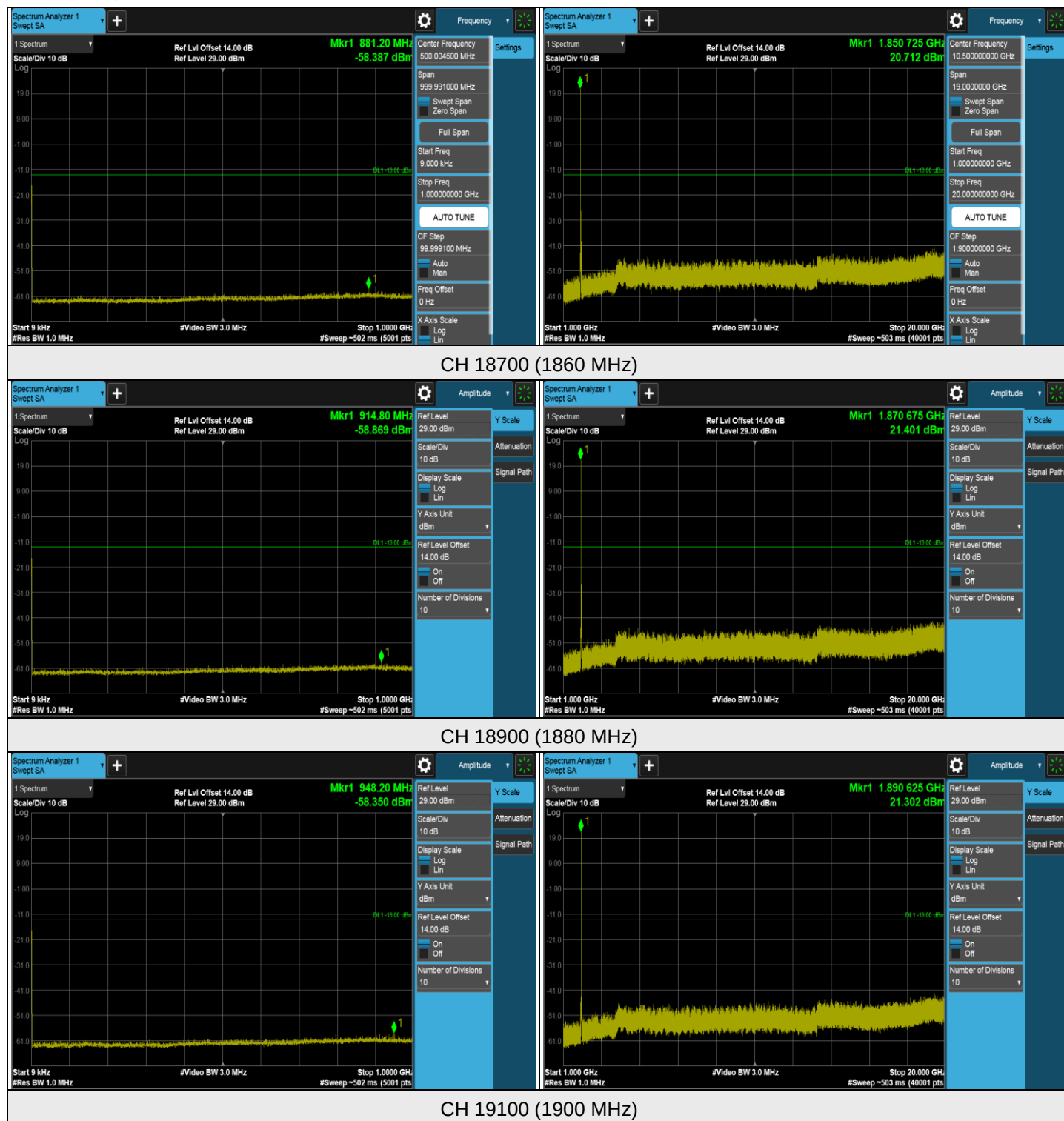
CH 19125 (1902.5 MHz)

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

LTE Band 2, Channel Bandwidth: 15 MHz

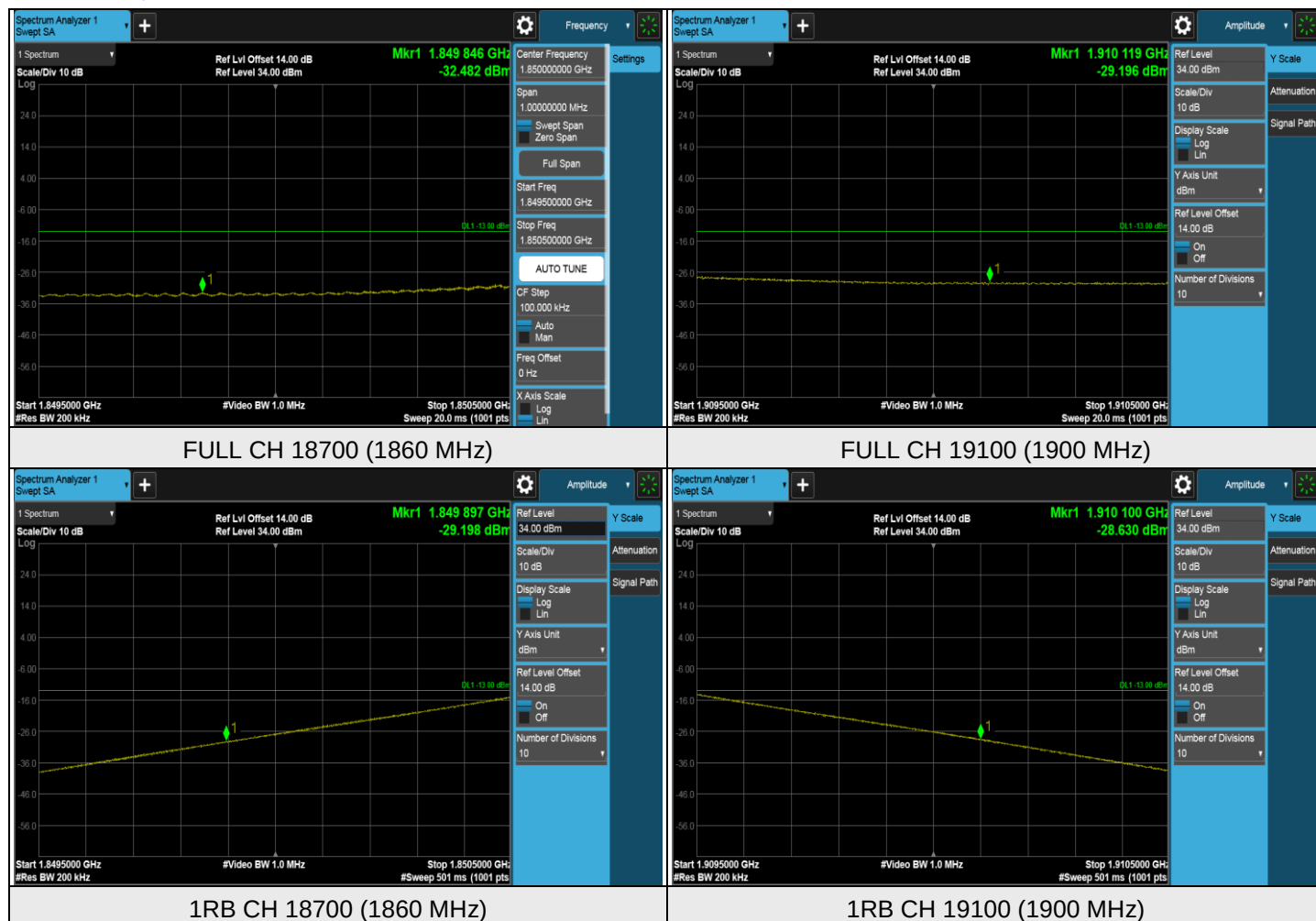


LTE Band 2, Channel Bandwidth: 20 MHz



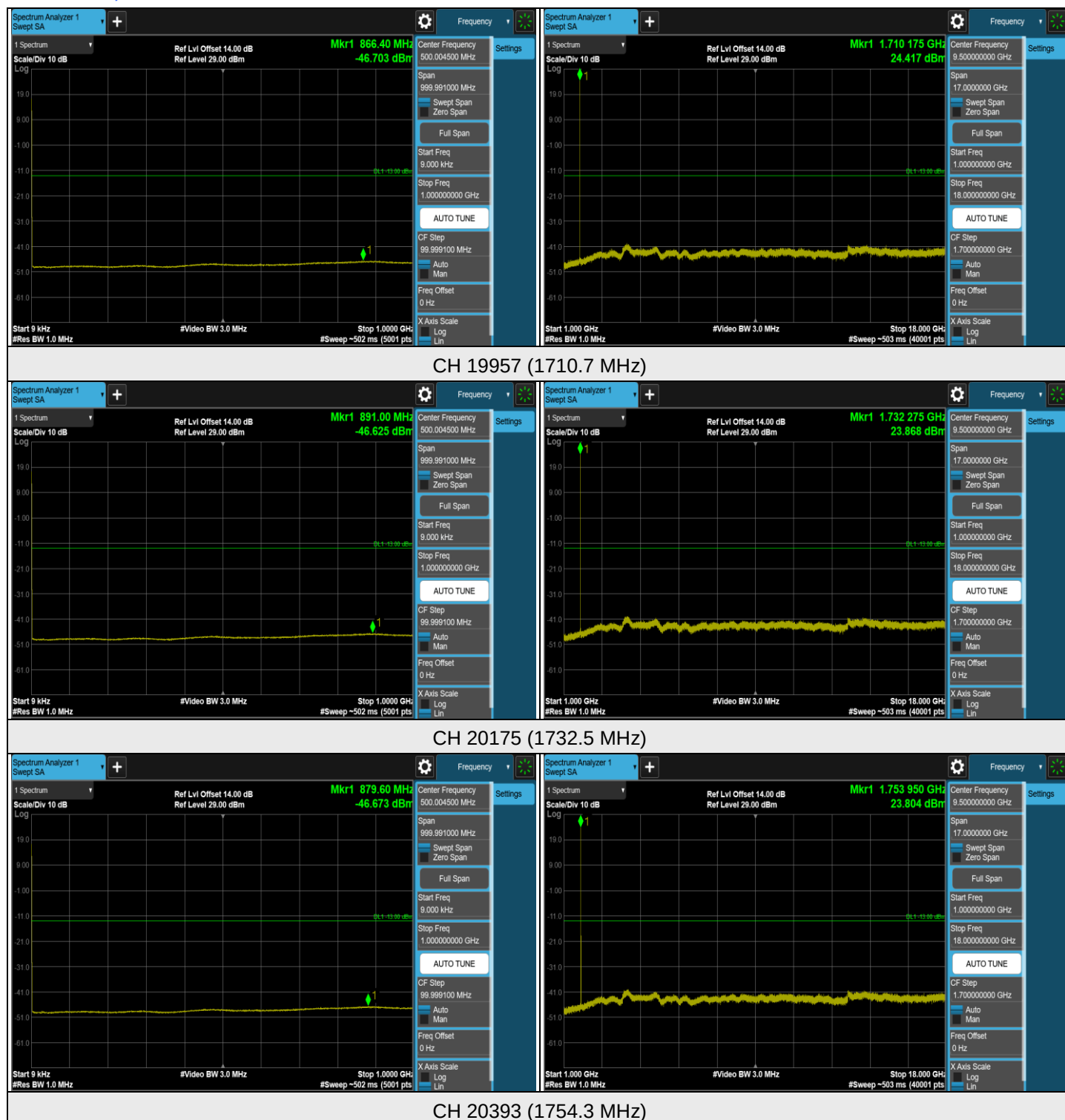
Note: The signal at 9 kHz is IF signal from spectrum analyzer.

LTE Band 2, Channel Bandwidth: 20 MHz



7.5.2 LTE Band 4

LTE Band 4, Channel Bandwidth: 1.4 MHz



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

LTE Band 4, Channel Bandwidth: 1.4 MHz

