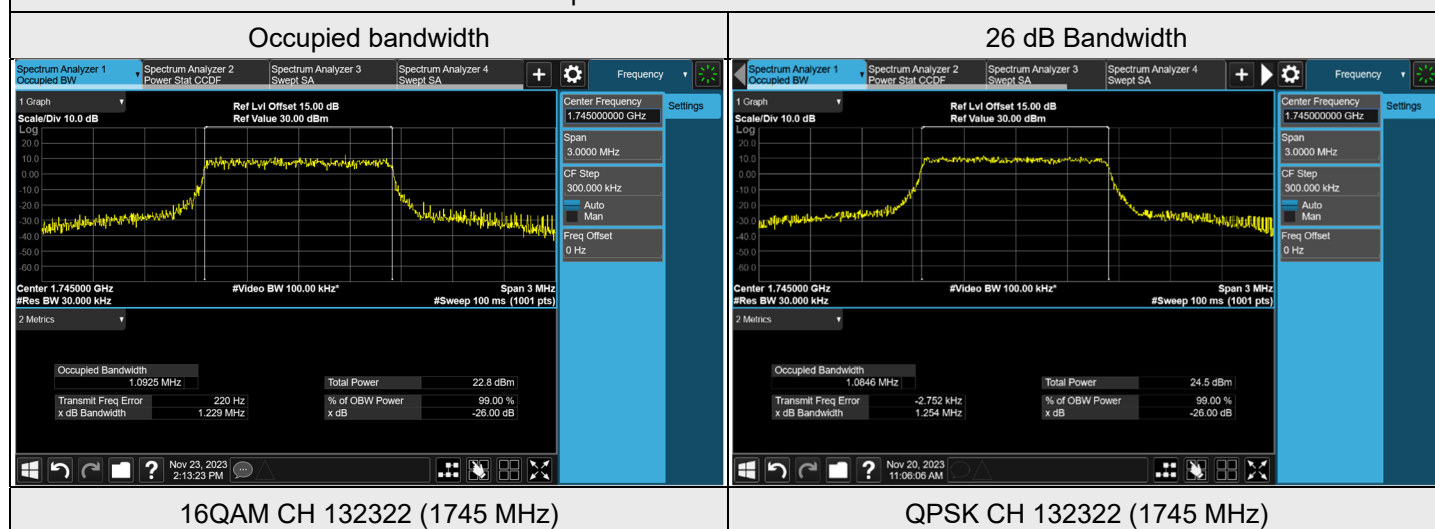


7.4.9 Cat-M1 Band 66

Cat-M1 Band 66, Channel Bandwidth: 1.4 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131979	1710.7	1.0882	1.245
QPSK	132322	1745	1.0846	1.254
QPSK	132665	1779.3	1.0867	1.233
16QAM	131979	1710.7	1.0915	1.235
16QAM	132322	1745	1.0925	1.229
16QAM	132665	1779.3	1.0884	1.240

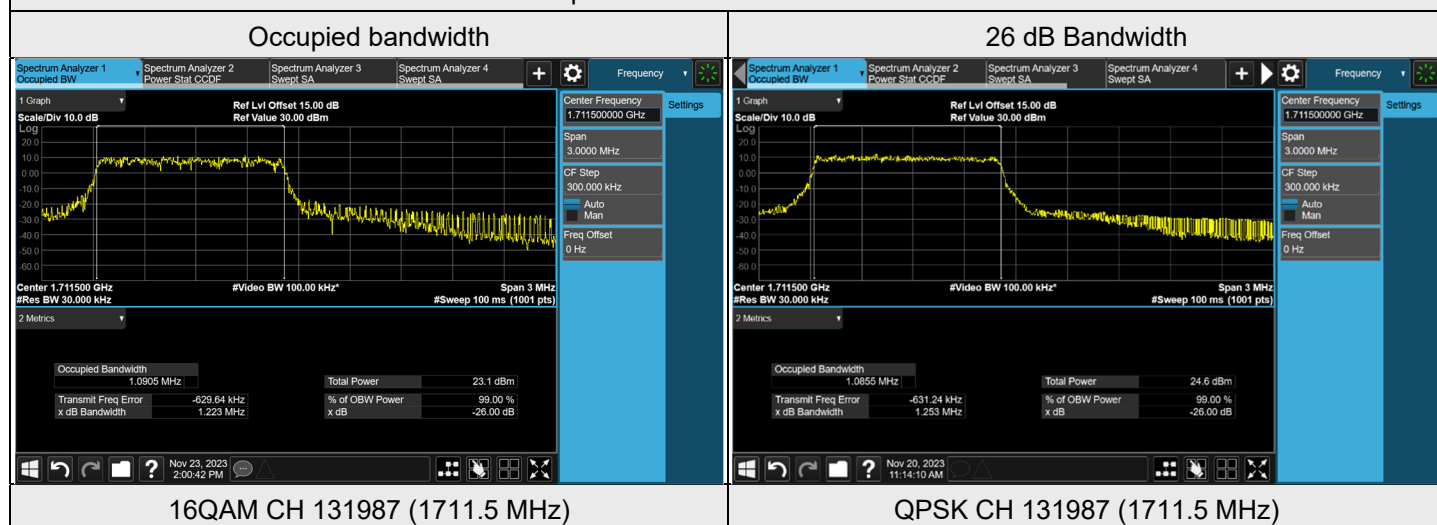
Spectrum Plot of Worst Value



Cat-M1 Band 66, Channel Bandwidth: 3 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131987	1711.5	1.0855	1.253
QPSK	132322	1745	1.0864	1.241
QPSK	132657	1778.5	1.0847	1.248
16QAM	131987	1711.5	1.0905	1.223
16QAM	132322	1745	1.0827	1.252
16QAM	132657	1778.5	1.0881	1.251

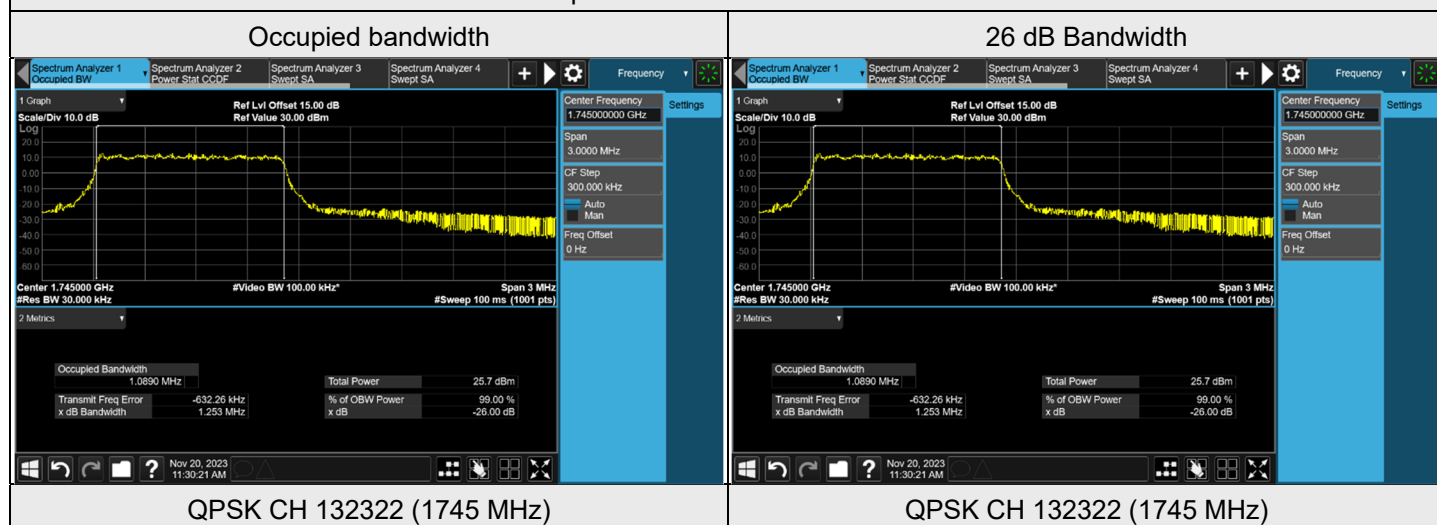
Spectrum Plot of Worst Value



Cat-M1 Band 66, Channel Bandwidth: 5 MHz

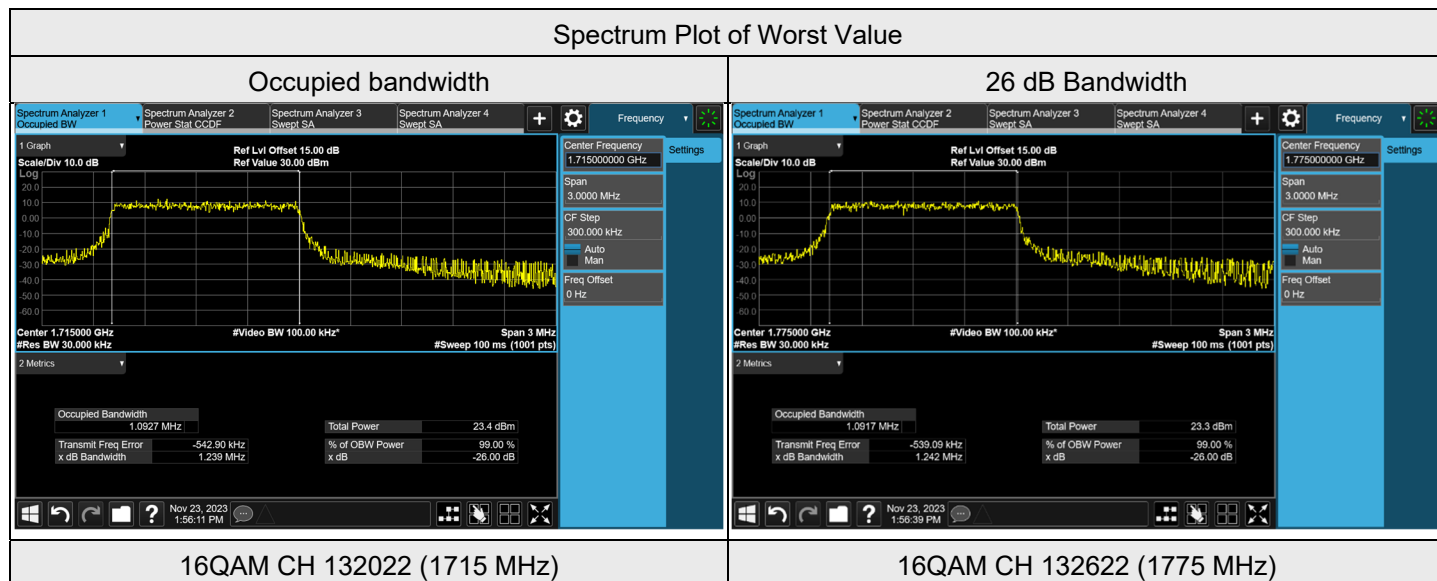
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	131997	1712.5	1.0867	1.242
QPSK	132322	1745	1.0890	1.253
QPSK	132647	1777.5	1.0878	1.248
16QAM	131997	1712.5	1.0886	1.245
16QAM	132322	1745	1.0869	1.234
16QAM	132647	1777.5	1.0872	1.246

Spectrum Plot of Worst Value



Cat-M1 Band 66, Channel Bandwidth: 10 MHz

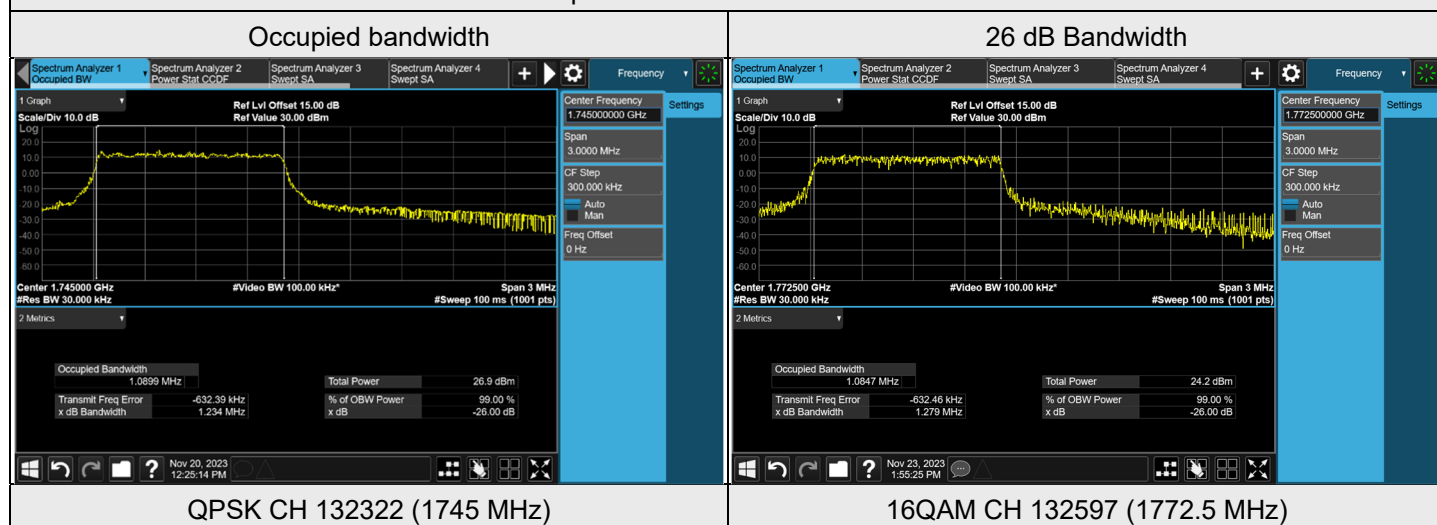
Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132022	1715	1.0859	1.230
QPSK	132322	1745	1.0882	1.238
QPSK	132622	1775	1.0876	1.241
16QAM	132022	1715	1.0927	1.239
16QAM	132322	1745	1.0848	1.235
16QAM	132622	1775	1.0917	1.242



Cat-M1 Band 66, Channel Bandwidth: 15 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132047	1717.5	1.0879	1.239
QPSK	132322	1745	1.0899	1.234
QPSK	132597	1772.5	1.0865	1.229
16QAM	132047	1717.5	1.0894	1.256
16QAM	132322	1745	1.0785	1.236
16QAM	132597	1772.5	1.0847	1.279

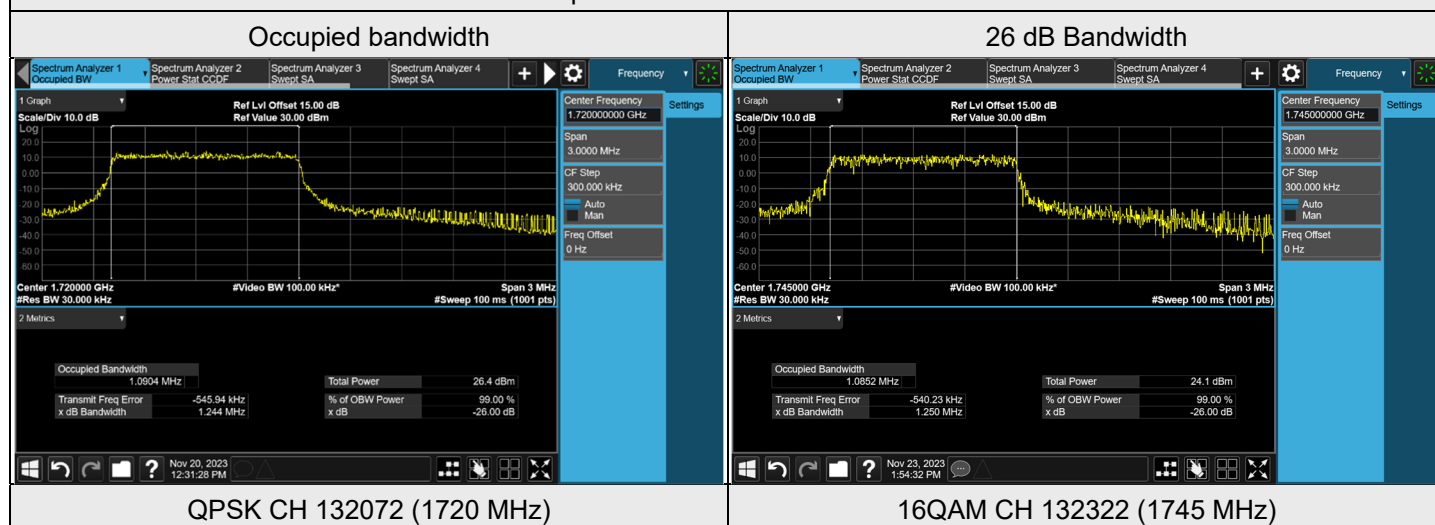
Spectrum Plot of Worst Value



Cat-M1 Band 66, Channel Bandwidth: 20 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	132072	1720	1.0904	1.244
QPSK	132322	1745	1.0883	1.237
QPSK	132572	1770	1.0898	1.232
16QAM	132072	1720	1.0852	1.220
16QAM	132322	1745	1.0852	1.250
16QAM	132572	1770	1.0896	1.242

Spectrum Plot of Worst Value

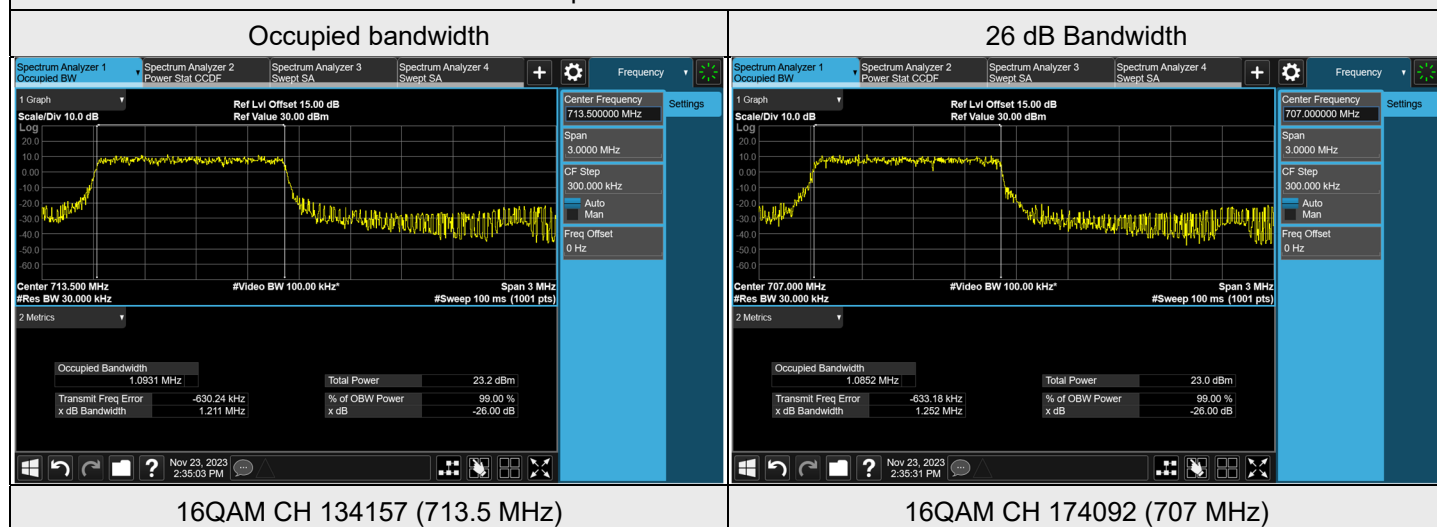


7.4.10 Cat-M1 Band 85

Cat-M1 Band 85, Channel Bandwidth: 5 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134027	700.5	1.0877	1.244
QPSK	174092	707	1.0877	1.252
QPSK	134157	713.5	1.0884	1.247
16QAM	134027	700.5	1.0820	1.212
16QAM	174092	707	1.0852	1.252
16QAM	134157	713.5	1.0931	1.211

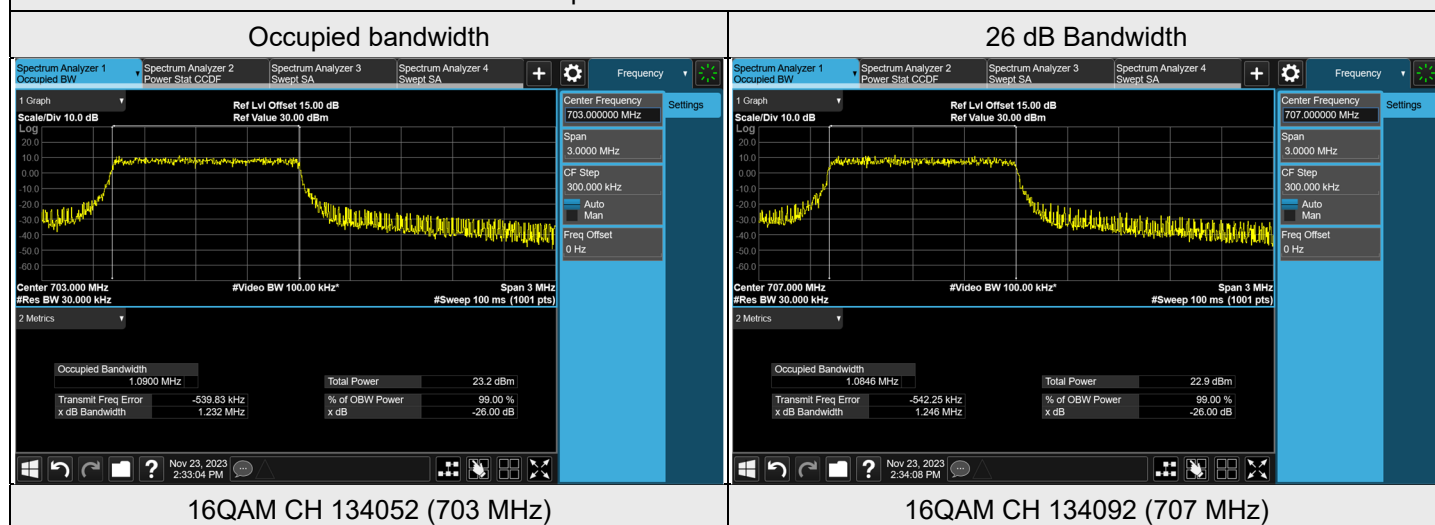
Spectrum Plot of Worst Value



Cat-M1 Band 85, Channel Bandwidth: 10 MHz

Modulation	Channel	Frequency (MHz)	Occupied Bandwidth (MHz)	26 dB Bandwidth (MHz)
QPSK	134052	703	1.0872	1.236
QPSK	134092	707	1.0875	1.241
QPSK	134132	711	1.0878	1.227
16QAM	134052	703	1.0900	1.232
16QAM	134092	707	1.0846	1.246
16QAM	134132	711	1.0872	1.220

Spectrum Plot of Worst Value

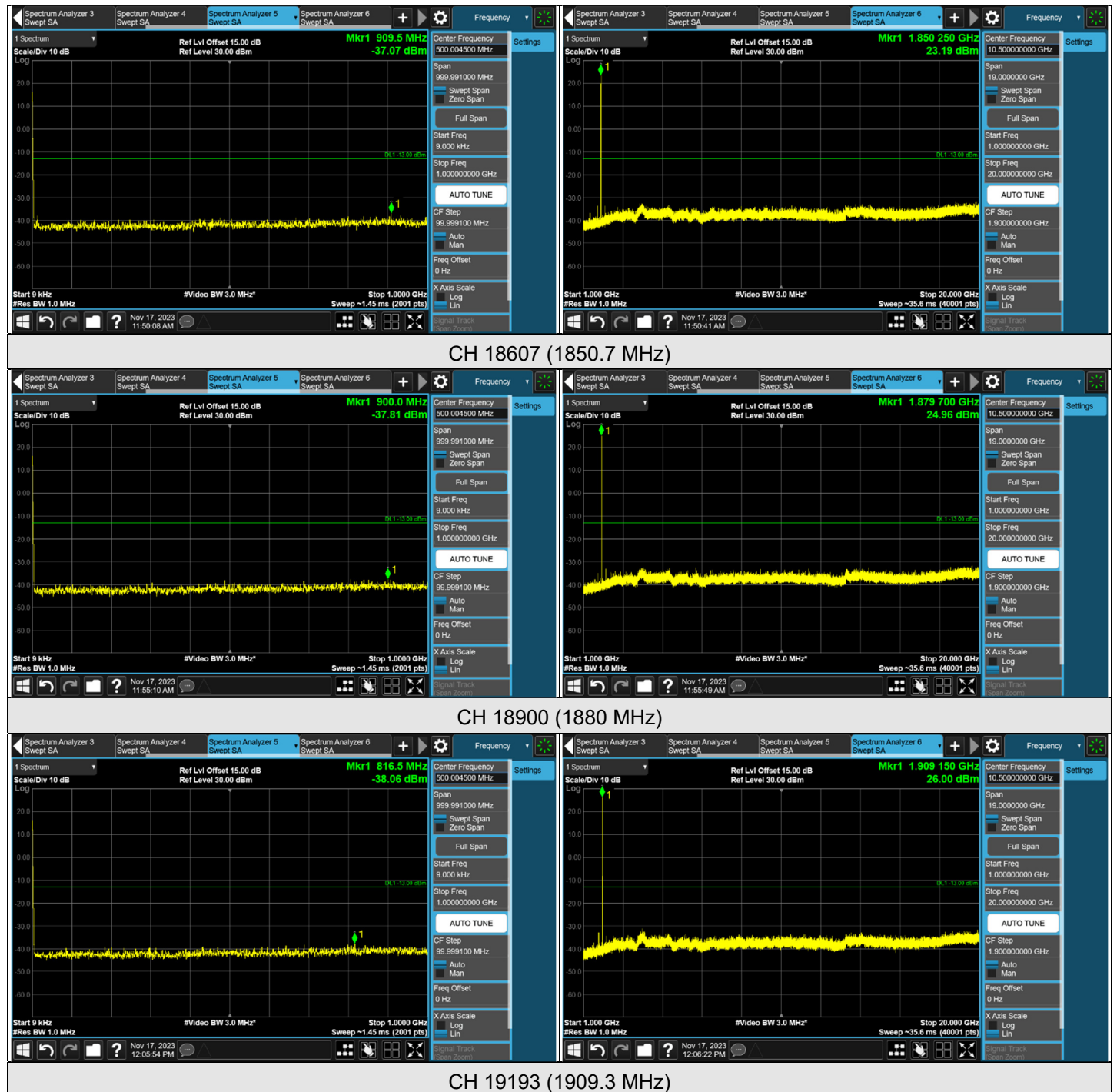


7.5 Conducted Spurious Emissions

Input Power:	7.2 Vdc	Environmental Conditions:	22°C, 75% RH	Tested By:	Willy Cheng
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7.5.1 Cat-M1 Band 2

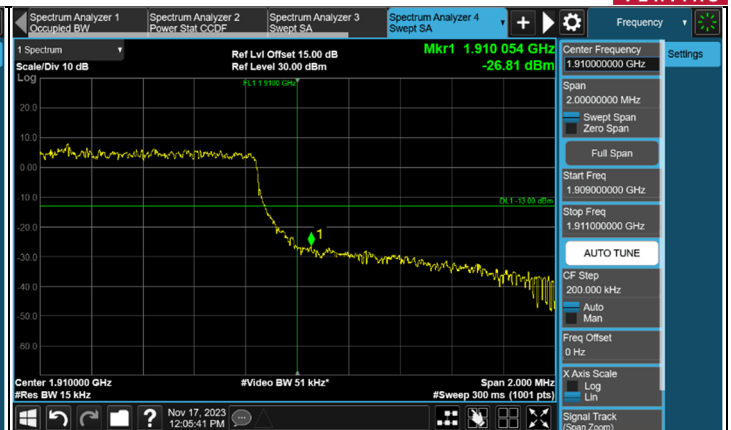
Cat-M1 Band 2, Channel Bandwidth: 1.4 MHz



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



FULL CH 18607 (1850.7 MHz)



FULL CH 19193 (1909.3 MHz)



1RB CH 18607 (1850.7 MHz)



1RB CH 19193 (1909.3 MHz)