

MUNN – REESE

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July 26, 2022

Attn: Kevin Hawley

Re: NRSC Measurements for WXLA(AM) Dimondale, MI.

Please find attached the AM Spectrum Analysis report for your station. This field measurement includes a check for compliance with the NRSC-2 Broadcast Transmission Bandwidth Specifications, along with the annual spurious and harmonic checks required for the station. A frequency measurement is also included. This information is to be on file (public and engineering) at the station in the event an FCC requests it. No filing of this data with the FCC in Washington, D.C. is required.

I am pleased to report that the station passed all of the measurement tests for this calendar year. I am supplying you with an original PDF copy of the spectrum analyzer results. Feel free to make as many copies as you deem necessary. The charge for this report is \$400.00 and an invoice will follow at the end of the month.

If you have questions regarding this information, please do not hesitate to contact Mr. Ed Trombley, senior engineer, or myself.

Sincerely,



Bruce Bellamy, President

**ENGINEERING REPORT
OCCUPIED SPECTRUM ANALYSIS**

CFR 47 §73.44 Compliance

WXLA(AM) - Dimondale, MI

1180 kHz

July 2022

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AM OCCUPIED SPECTRUM ANALYSIS

Station Data

Call: WXLA
City of License: Dimondale, MI
Frequency: 1180 kHz
Operating Mode: NDA
Schedule: Unlimited
Day Power: 10.0 kW
Facility ID: 16848
Measurement Date: 07/20/2022

Discussion

The measurement data obtained for this report indicates the operation of WXLA to be IN COMPLIANCE with the provisions of CFR 47 §73.44 of the FCC rules regarding AM Broadcast Stations. Occupied Spectrum measurements were taken during the regular broadcast day by Edmond R. Trombley, staff engineer in the regular employ of Munn-Reese. In addition, spurious emission and harmonic measurements were made using a calibrated field strength meter. All measurements were made within 1 km of the transmitter, to provide sufficient signal to the analyzer.

Equipment employed

Anritsu MS2721B Spectrum Master. Technical specifications of the Anritsu MS2721B are available on the Internet at www.anritsu.com.

Potomac Instruments FIM-41, Field Meter, Serial No: 1149. Calibration Date: 06/24/2021. Technical specifications of the FIM-41 field intensity meter are available at www.pi-usa.com.

EXHIBITS

Measured Carrier Frequency – 1,180,003.578 Hz.

Figure A - Plot of Occupied Spectrum – Span 50 kHz Daytime

Figure B - Plot of Occupied Spectrum – Span 200 kHz Daytime

Figure E - Tabulation of Harmonic Measurement Data

Fundamental Field Daytime:	3850 mV/M			
2nd. Harmonic:	0.137 mV/m	-88.97	dB below Day reference	
3rd. Harmonic:	0.025 mV/m	-103.75	dB below Day reference	

This report has been prepared by properly trained electronics specialists under the direction of the undersigned whose qualifications are a matter of record before the Federal Communications Commission. I declare under penalty of laws of perjury that the contents of this report are true and accurate to the best of my knowledge and belief.

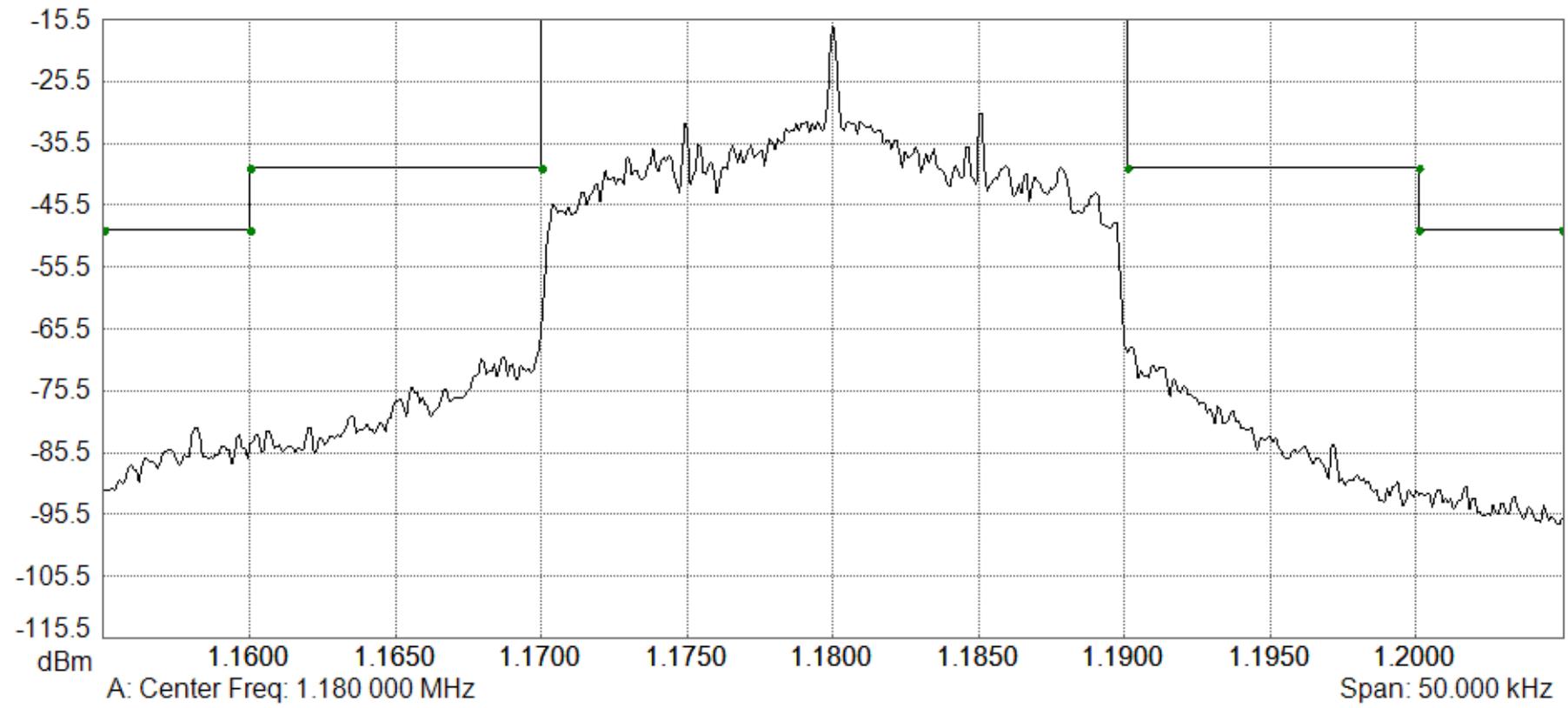
July 27, 2022

By 
Edmond R. Trombley, Senior Engineer

Spectrum Analyzer Data

WXLA-A (7/20/2022 1:02:59 PM)

Spectrum Analyzer

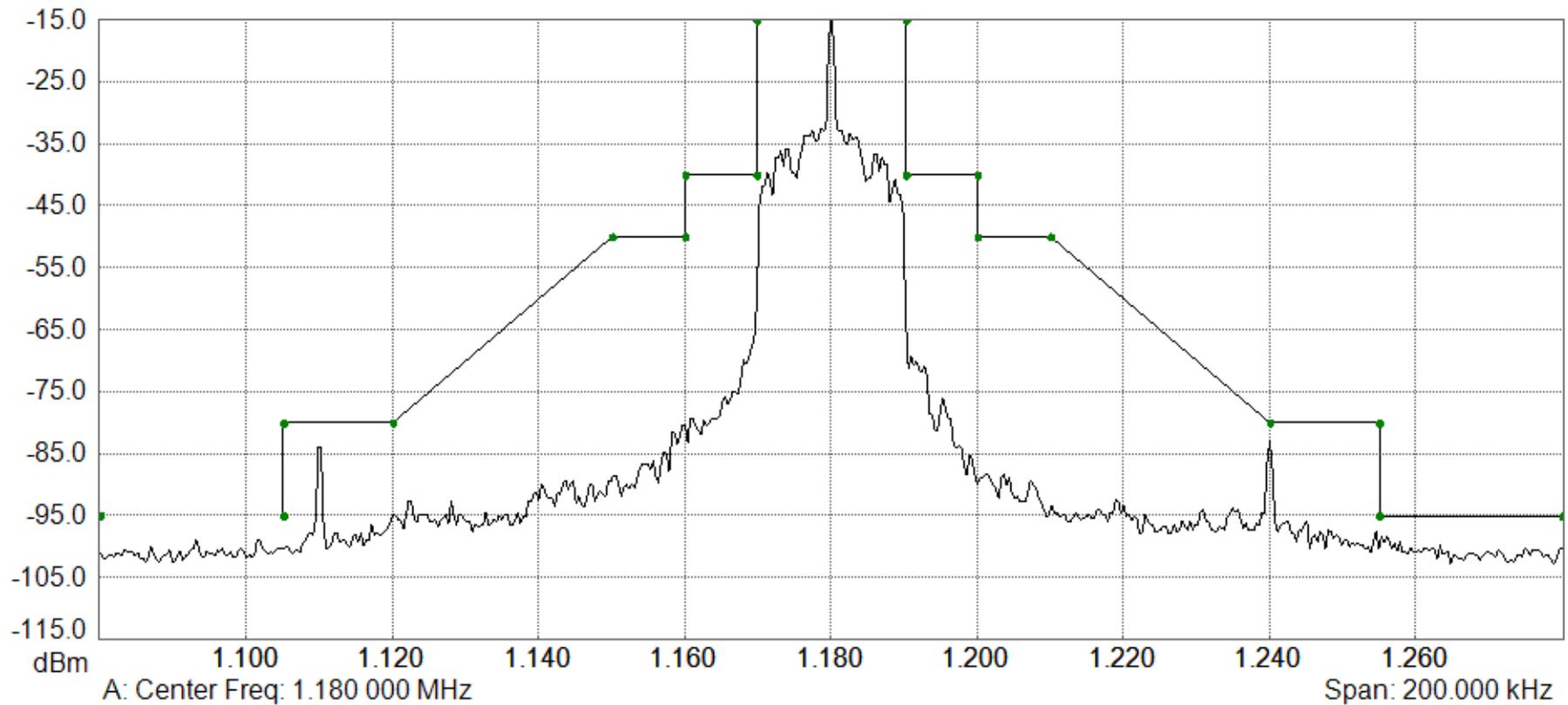


Trace A data:	Input Attenuation = 5.0 dB	Start Frequency = 1.155 000 MHz
Trace Mode = Max Hold	RBW = 100.0 Hz	Stop Frequency = 1.205 000 MHz
Preamp = OFF	VBW = 30.0 Hz	Frequency Span = 50.000 000 kHz
Min Sweep Time = 0.001 S	Detection = Peak	Reference Level = -15.500 dBm
Reference Level Offset = 0 dB	Center Frequency = 1.180 000 MHz	Scale = 10.0 dB/div

Spectrum Analyzer Data

WXLA-B (7/20/2022 12:59:31 PM)

Spectrum Analyzer



Trace A data:	Input Attenuation = 5.0 dB	Start Frequency = 1.080 000 MHz
Trace Mode = Max Hold	RBW = 300.0 Hz	Stop Frequency = 1.280 000 MHz
Preamp = OFF	VBW = 100.0 Hz	Frequency Span = 200.000 000 kHz
Min Sweep Time = 0.001 S	Detection = Peak	Reference Level = -15.000 dBm
Reference Level Offset = 0 dB	Center Frequency = 1.180 000 MHz	Scale = 10.0 dB/div