

§73.44. ANNUAL NRSC-II MEASUREMENTS

WTHB – Augusta, GA.

Sept 27, 2018

EME Communications has been retained by Perry Broadcasting of Augusta, Inc., Licensee of AM radio station WTHB, Augusta, GA. The purpose is to determine compliance with §73.44 of the Federal Communication Commission's rules regarding occupied bandwidth measurements. These measurements were taken on September 27, 2018 by Clyde Scott (PG-6-30133) of EME Communications.

The authorized power of WTHB is 5.0-kilowatt daytime and 0.011 kilowatt non-directional

The instrument used was an Agilent 4411B spectrum analyzer. A Chris Scott E Plane loop antenna was also employed. The measuring instrument was setup as follows.

300 Hz resolution bandwidth
20 KHz per horizontal division
10 dB per vertical division
Carrier peak Reference
300 Hz Video bandwidth.

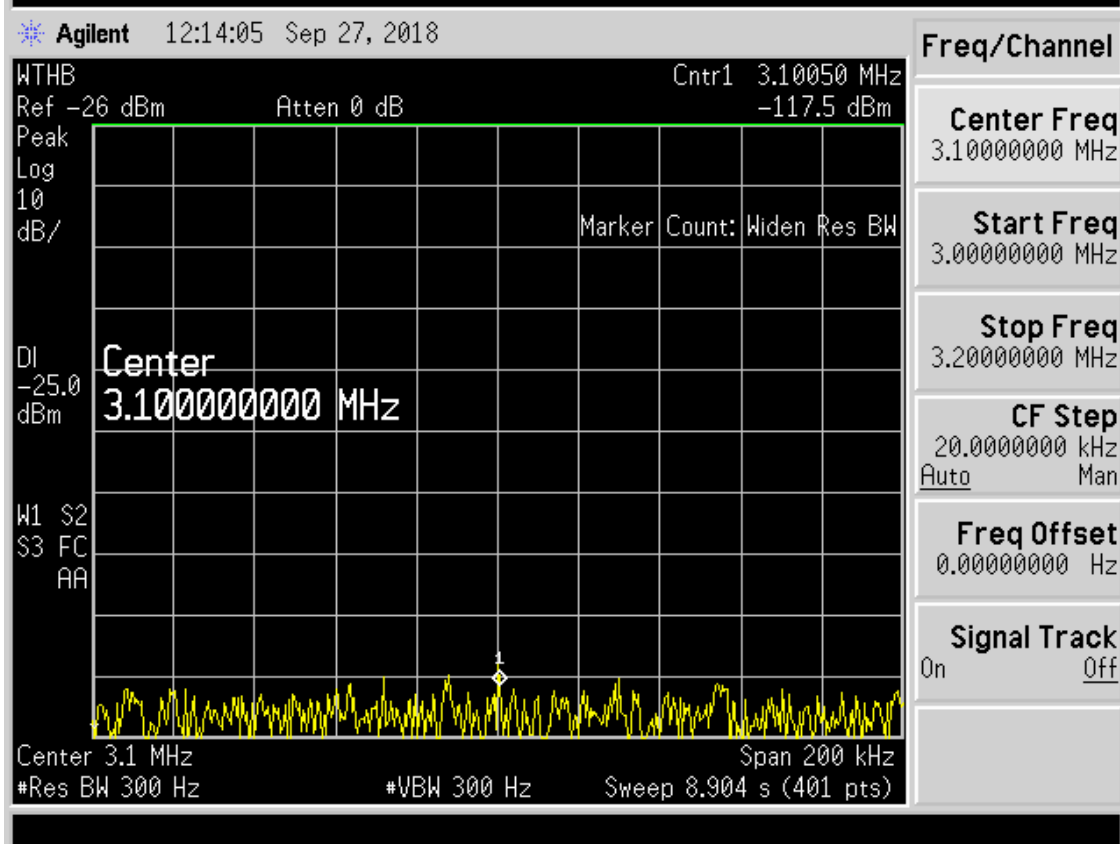
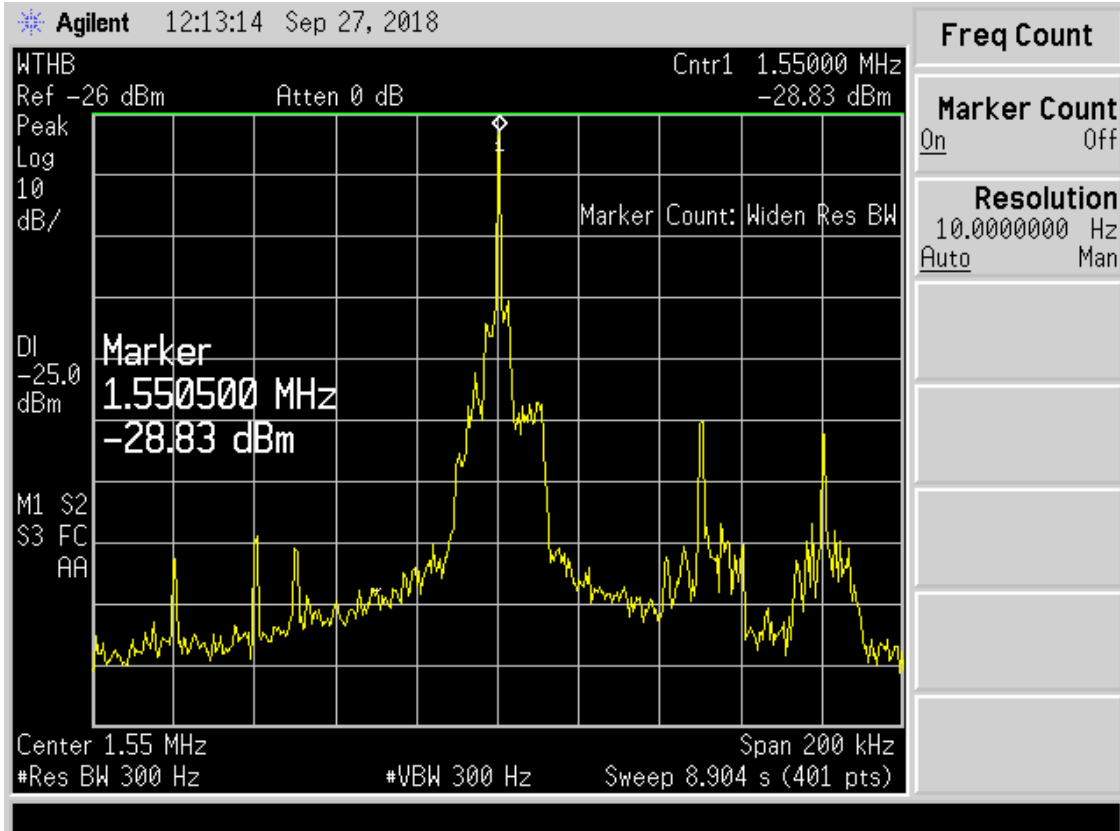
The measurement was taken 12:13 AM. The weather was cloudy and humid.

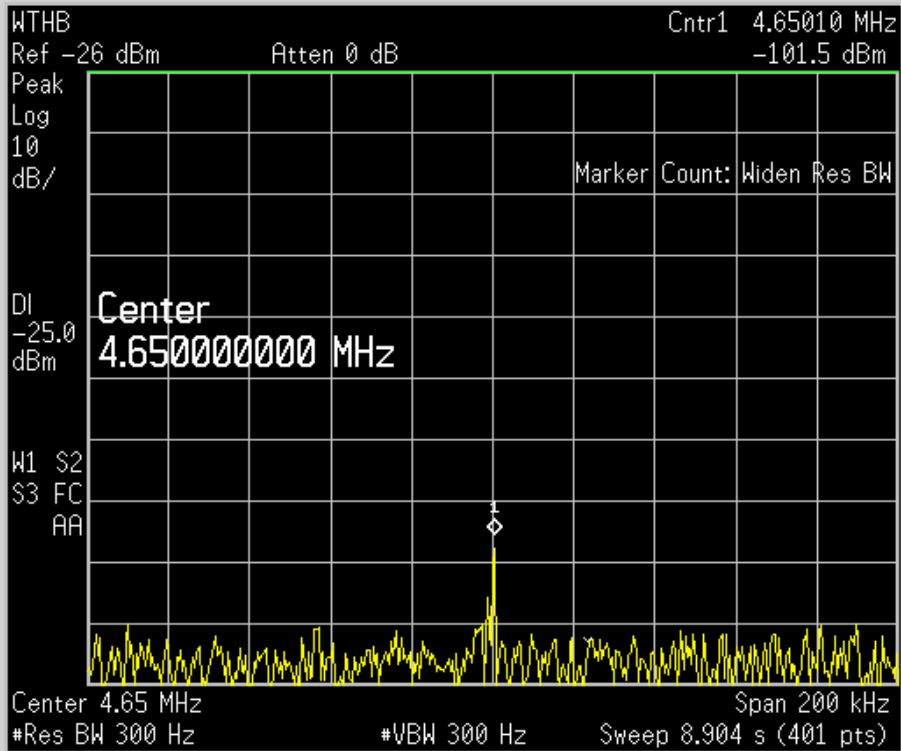
The point of measurement was approximately 1.0 Km for the transmitting antenna,

After review of the attached plots, it is believed that WTHB is in full compliance with §73.44 of the Federal Communication Commission's rules regarding occupied bandwidth within the AM broadcast and related harmonic content.

The harmonic content of the station was also measured and was either not detectable or was greater the -80 +-Db below the fundamental operating frequency.

/s/Clyde Scott – PG-6-30133
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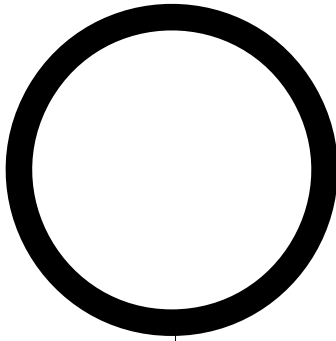




Freq/Channel	
Center Freq	4.65000000 MHz
Start Freq	4.55000000 MHz
Stop Freq	4.75000000 MHz
CF Step	20.0000000 kHz
	Auto Man
Freq Offset	0.00000000 Hz
Signal Track	On Off

EQUIPMENT SETUP FOR MAKING SPECTRUM MEASUREMENTS

Chris Scott
LP-3 Sn# 213

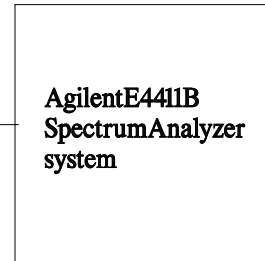


Chris Scott
MF-Notch
Filter




Used only for harmonic measurements

AgilentE4411B
SpectrumAnalyzer
system



EQUIPMENT BLOCK

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