

JYP

*2020 NRSC-2 REPORT*

*for*

***WGBN AM***

*Provided by*

*Signal Monitoring Service - 773 Upper Fredericktown Rd - Mount Vernon OH 43050  
CEL 740.398.7256 - sigmonsvc@gmail.com*

THE FOLLOWING IS BASED UPON THE RESULTS OF THE READINGS MADE  
AS SHOWN ON THE DATED TRACES

SEPTEMBER 2020

WGBN AM - 1360 @ 1 Kw

> TRACE ID <	>> TO BE <<	> AT = +/- <	>> RESULTS <<
A: A Peak HOLD	- 25 dB	10.2 Hz APPEARS TO COMPLY	2= 26.11 dB/ 3= 26.40 dB
B: A Peak HOLD	- 35 dB	20 Hz SEEMS TO COMPLY	4= 62.41 dB/ 5= 49.78 dB
C: A Peak HOLD	- 65 dB	60 thru 75 Hz <u>SEEMS OK***</u>	2= 74.32 dB/ 3= 69.64 dB
C: A Peak HOLD	<u>- 73 dB</u>	>75 Hz <u>SEEMS TO COMPLY***</u>	4= 72.64 dB/ 5= 72.74 dB

>>>\*\*\*OTHER STATIONS ON TRACES MAY AFFECT SOME CALCULATED MARKER VALUES<<<

D: A 10 sweep **AVERAGE** of the main carrier with a span of 200 kHz and the peak value used to calculate the markers for A, B & C instead of a dead air reading.

E, F, G: A 10 sweep **AVERAGE** at a span of 200 kHz for harmonics

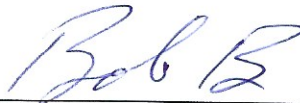
>> <<

FREQ. => - 3 < Hz deviation = 1359.997

MODULATION was Hi 99.9 % / Lo 75.00 % @ 09:15 AS: MUSIC

WEATHER = around 70 / OVERCAST / SOIL IS MOIST

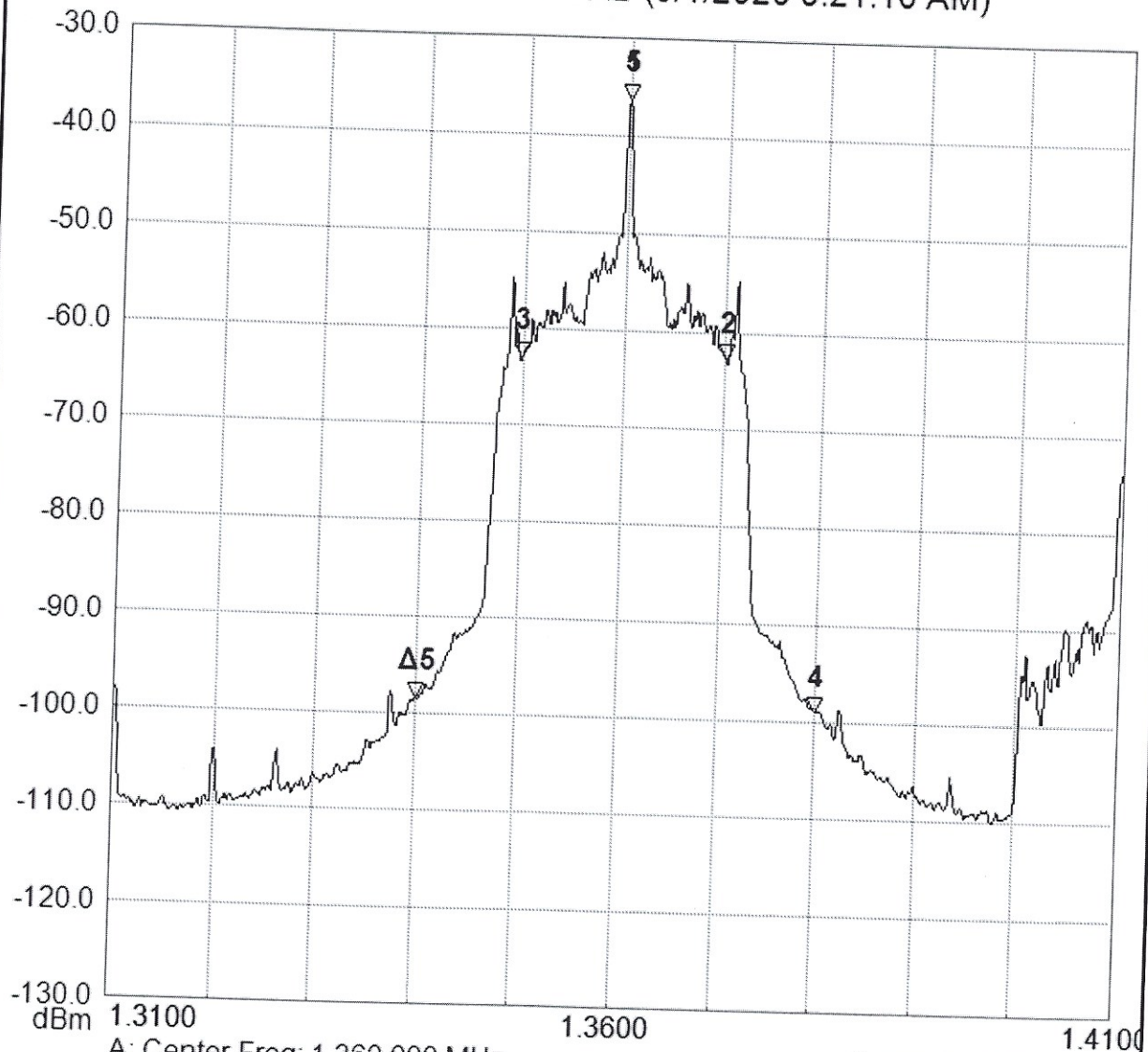
Signed \_\_\_\_\_



Bob Bowman

# Spectrum Analyzer Data

2020 WGBN AM = TRACE AB (9/1/2020 9:21:10 AM) Spectrum Analyzer



A: Center Freq: 1.360 000 MHz

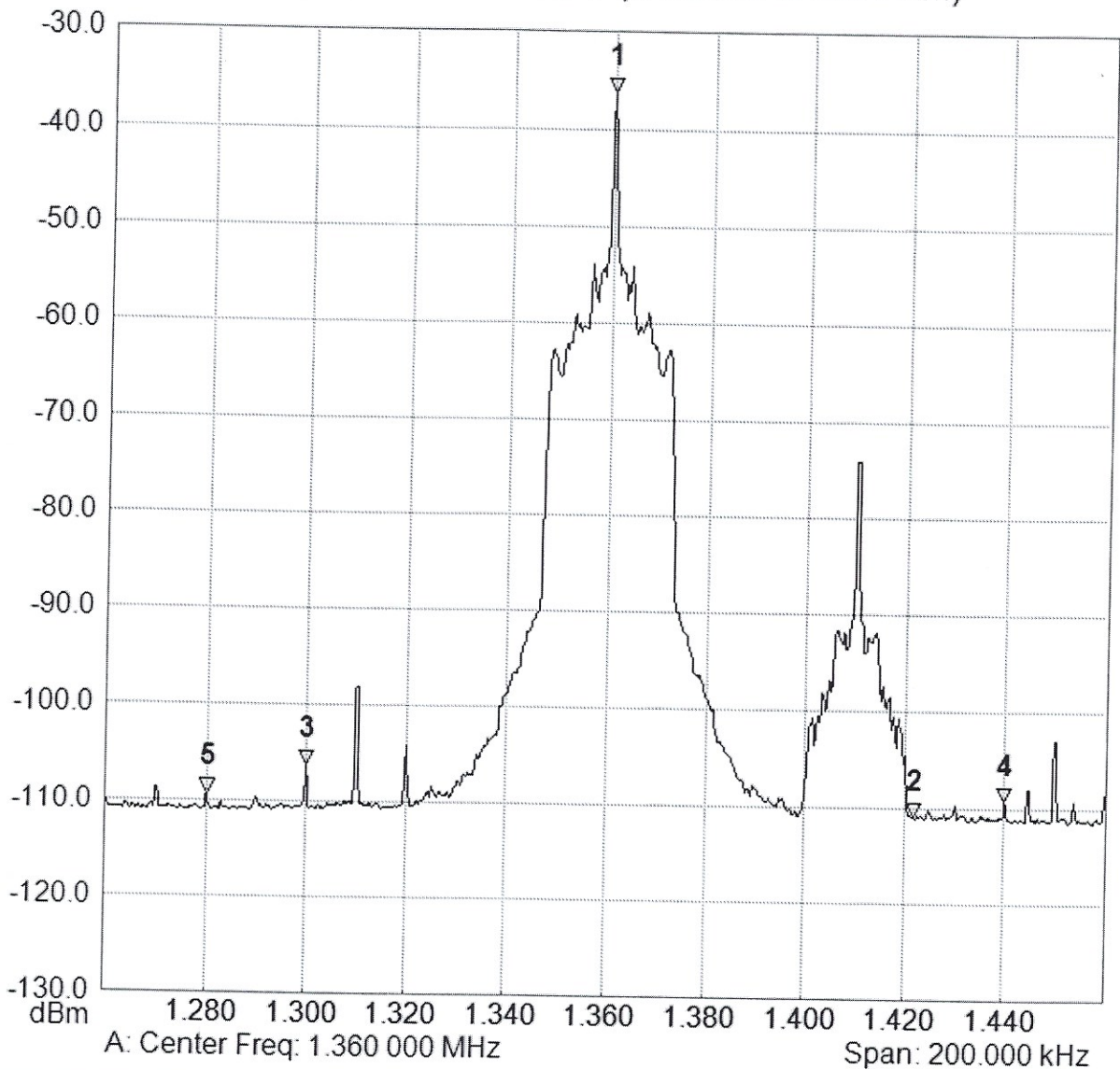
Span: 100.000 kHz

Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	■	□	1.360 000 MHz	-36.35 dBm		
2	■	□	1.370 182 MHz	-62.71 dBm		
3	■	□	1.349 818 MHz	-63.00 dBm		
4	■	□	1.380 000 MHz	-99.01 dBm		
5	■	■	1.360 000 MHz	-36.35 dBm	-20.000 kHz	-62.03 dB
6						

# Spectrum Analyzer Data

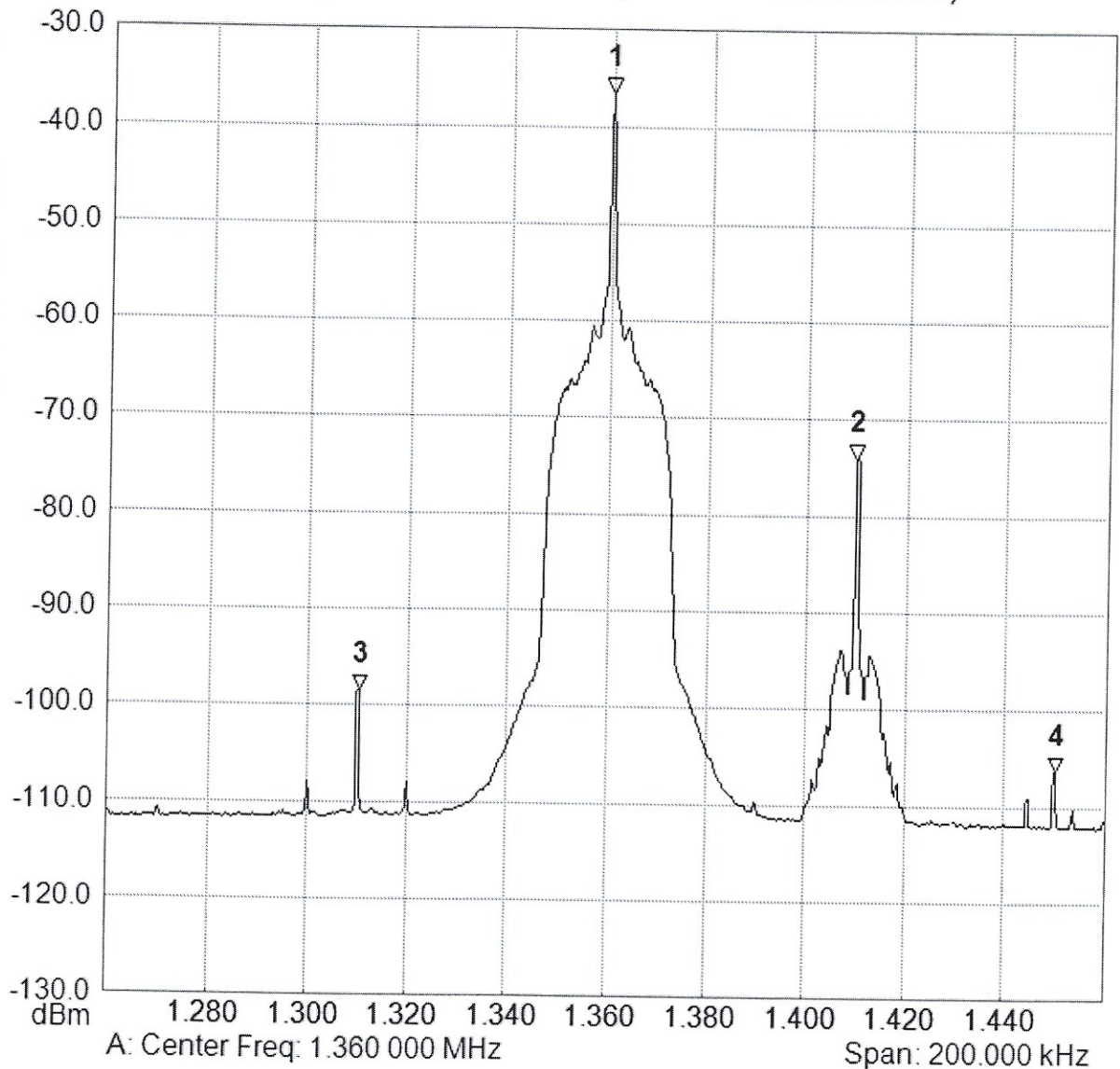
Spectrum Analyzer

2020 WGBN AM = TRACE C (9/1/2020 9:10:01 AM)



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	■	□	1.360 000 MHz	-36.27 dBm		
2	■	□	1.421 818 MHz	-110.92 dBm		
3	■	□	1.300 000 MHz	-106.24 dBm		
4	■	□	1.440 000 MHz	-109.24 dBm		
5	■	□	1.280 000 MHz	-109.34 dBm		
6						

**Spectrum Analyzer Data**  
 2020 WGBN AM = TRACE D (9/1/2020 9:23:34 AM) Spectrum Analyzer

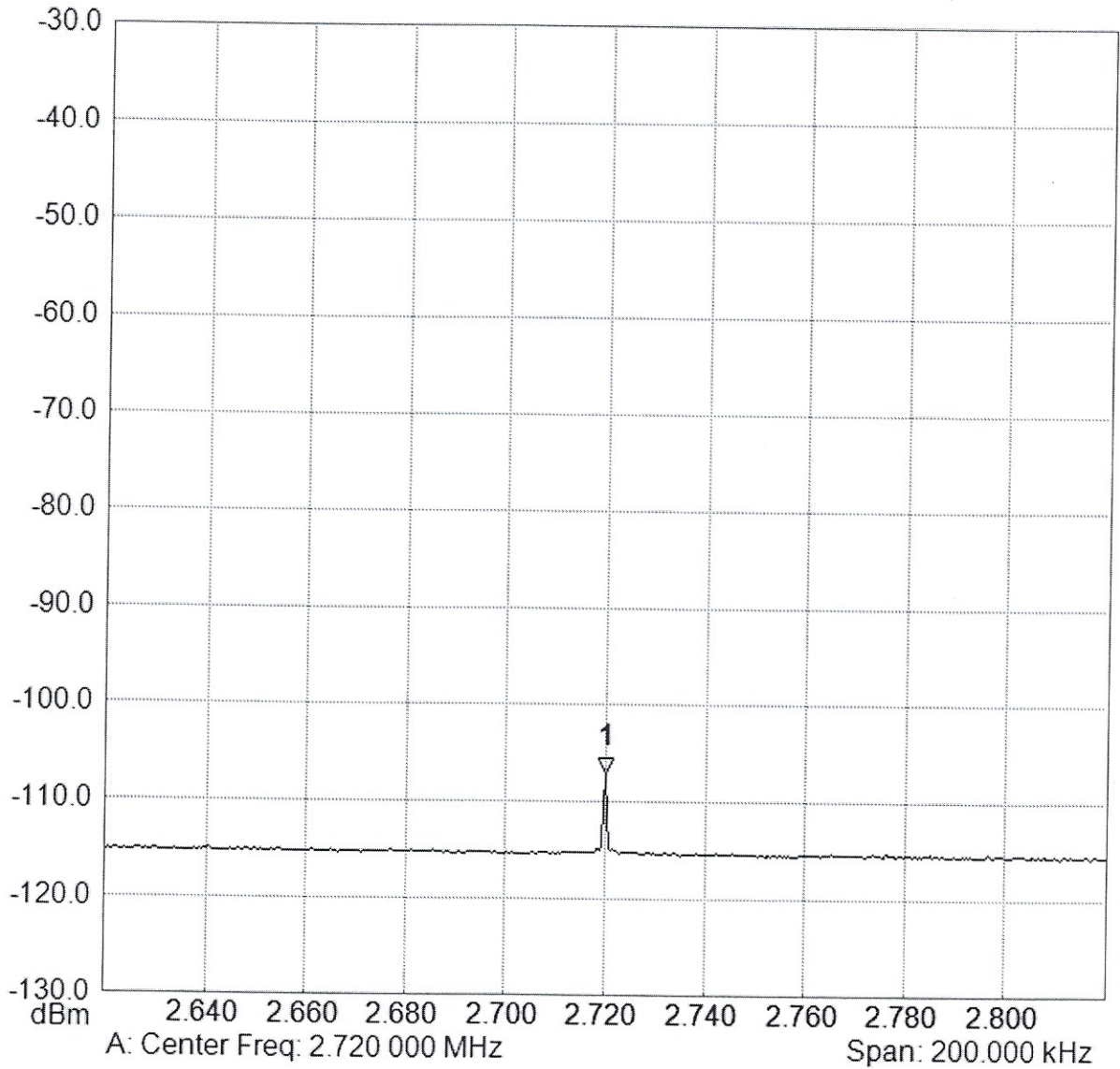


Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.360 000 MHz	-36.60 dBm		
2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.409 818 MHz	-74.14 dBm		
3	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.310 182 MHz	-98.47 dBm		
4	<input checked="" type="checkbox"/>	<input type="checkbox"/>	1.450 182 MHz	-106.25 dBm		
5						
6						

# Spectrum Analyzer Data

Spectrum Analyzer

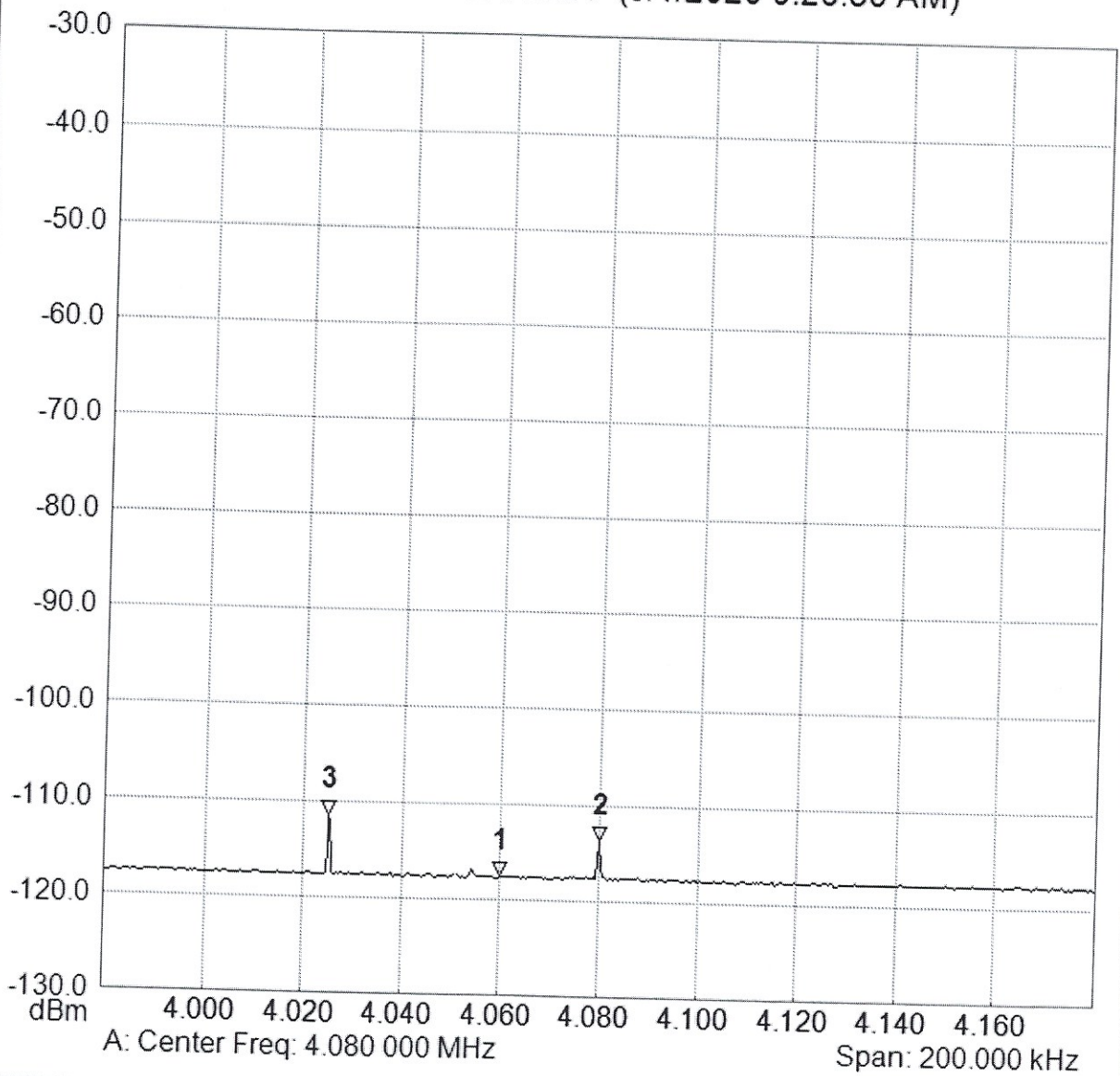
2020 WGBN AM = TRACE E (9/1/2020 9:25:08 AM)



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	■	□	2.720 000 MHz	-107.13 dBm		
2						
3						
4						
5						
6						

# Spectrum Analyzer Data

2020 WGBN AM = TRACE F (9/1/2020 9:26:50 AM) Spectrum Analyzer



Mkr	Ref	Delta	Ref Freq	Ref Amp	Delta Freq	Delta Amp
1	■	□	4.060 000 MHz	-117.56 dBm		
2	■	□	4.080 000 MHz	-113.66 dBm		
3	■	□	4.025 091 MHz	-111.45 dBm		
4						
5						
6						