# Federal Communications Commission

# AM STATION LICENSE

Licensee/Permittee				Call Sign	Facility ID	
Corporation	ng			WLCC	71212	
4880 Santa Rosa Road						
Camarillo, CA, 93012						
File Number This License Modifies License No.						
0000228138	BML	-20211220AAJ				
Filing Date	Gran	nt Date	Expiration Date			
11/27/2023	03/1	8/2024				
Description Text		2 A				
MOM proof.						
	E	POR	G rank			
Community of License		Frequency (KHz)	Station Class	Service Ty	ре	
City: Brandon		760		Main		
State: FL						
Facility Type		Ó, A				
Commercial						
Hours of Operation		ONICAT	10.			
Daytime						
Nighttime						
Station Antenna Modes/Ante	nna Types					
Nighttime: Directional						

s of Sunris d Time (N	se and Su Ion-Advar
Sunrise	Sunset
7:15	18:00
7:15	18:15
6:45	18:45
6:00	19:00
5:45	19:15
5:30	19:30
5:45	19:30
6:00	19:15
6:15	18:30
6:30	18:00
6:45	17:30
7.15	17.30
	d Time (N Sunrise 7:15 7:15 6:45 6:00 5:45 5:30 5:45 6:00 6:15 6:30 6:45

# Transmitter

Type Accepted. See Sections 73.1660, 73.1665, and 73.1670 of the Commission's Rules

# Antenna Mode: Daytime

Antenna Type: Directional

Antenna Coordinates (NAD 83) Latitude 28° 1' 31.1" N Longitude 82° 16' 59.3" W	Nominal Power (kW) 10.000 Antenna Input Power (kW) 10.530 Current (Amperes) 14.500 Resistance (Ohms) 50.0

### Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height (m)
1	1030542	93.3
2	1030541	93.3
3	1030540	93.3
4	1030538	93.3
5	1030537	93.3

#### Description of Daytime Directional Antenna System

Theoretical RMS (mV/m/km)	Standard RMS (mV/m/km)	Augmented RMS (mV/m/km)	Q Factor
1085.9	1 <mark>1</mark> 42.8	1146.8	

### **Theoretical Parameters**

Tower No.	Field Ratio	Phasing (deg.)	Spacing (deg.)	Orientation (deg.)	Tower Ref. Switch*	Height (deg.)			
1	1	0	0	0	0	0.0			
2	1.86	162	90	202.5	0	0.0			
3	1.3	321	180	202.5	0	0.0			
4	0.15	317	230	223.5	0	0.0			
5	0.53	13	251.1	182.5	0	0.0			

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/	Sectionalized 1	Tower	Paran	nete	ers:
Tower No.	Tower Type	Α	в	С	D
1	Toploaded	83.5	8.3		
2	Toploaded	83.5	8.3		
3	Toploaded	83.5	8.3		
4	Toploaded	83.5	8.3		
5	Toploaded	83.5	8.3		

## **Augmentation Parameters**

Aug. No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	175.0	10.0	814.00
2	205.0	10.0	1354.00
3	280.0	10.0	895.00

# **Monitoring Points**

 Radial (Deg. T)
 Distance From Transmitter (km)
 Maximum Field Strength (mV/m)

# **Operating Parameters**

Tower	Antenna monitor current sample or voltage sample ratio	Antenna monitor phase indication (degree)
1	0.532	-165.2
2	1.000	0.0
3	0.729	159.4
4	0.087	164.0
5	0.300	-146.0

# Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83) Latitude 28° 1' 31.1" N Longitude 82° 16' 59.3" W	Nominal Power (kW) 1.000 Antenna Input Power (kW) 1.080 Current (Amperes) 4.650 Resistance (Ohms) 50.0
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### Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height (m)
1	1030542	93.3
2	1030541	93.3
3	1030540	93.3
4	1030539	93.3

### Description of Nighttime Directional Antenna System

Theoretical RMS (mV/m/km)	Standard RMS (mV/m/km)	Augmented RMS (mV/m/km)	Q Factor
331.5		348.3	

#### **Theoretical Parameters**

Tower No.	Field Ratio	Phasing (deg.)	Spacing (deg.)	Orientation (deg.)	Tower Ref. Switch*	Height (deg.)
1	1	0	0	0	0	0.0
2	2.786	243.67	90	202.5	0	0.0
3	2.786	126.55	180	202.5	0	0.0
4	1	10.23	270	202.5	0	0.0

\* Tower Reference Switch

0 = Spacing and orientation from reference tower

1 = Spacing and orientation from previous tower

Top-Loaded/Sectionalized	Tower	Parameters:	(See 47	CFR 73.160)
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Tower No.	Tower Type	Α	в	С	D
1	Toploaded	83.5	8.3		
2 Toploaded		83.5	8.3		
3	Toploaded	83.5	8.3		
4	Toploaded	83.5	8.3		

### **Augmentation Parameters**

Aug. No.	Central Azimuth (Deg. T)	Span (Deg.)	Radiation at Central Azimuth (mV/m @ 1 km)
1	4.5	10.0	21.48
2	40.5	10.0	20.64
3	60.5	10.0	38.64
4	90.5	10.0	24.72
5	314.5	10.0	38.40

# **Monitoring Points**

# **Operating Parameters**

Tower	Antenna monitor current sample or voltage sample ratio	Antenna monitor phase indication (degree)
1	0.369	115.2
2	1.000	0.0
3	0.950	-116.3
4	0.296	125.7

# Special operating conditions or restrictions

The permittee /licensee in coordination with other users of the site must reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

 Ground system consists of 120 buried copper radials, around the base of each tower, each 98.7 meters long, except where they intersect copper transverse straps between towers. In addition, a 7.3 m by 7.3 m copper screen is installed at each tower base. Copper strap connects all towers to the main transmitter point.

Subject to the provisions of the Communications Act of 1934, subsequent acts and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions set forth in this license, the licensee is hereby authorized to use and operate the radio transmitting apparatus herein described.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve the public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

