Federal Communications Commission

AM STATION
LICENSE

Licensee/Permittee
IHM LICENSES, LLC
7136 S. YALE
AVENUE
SUITE 501
TULSA, OK, 74136

Call Sign	Facility ID
KBME	23082

File Number		
BMML-20230217AAB		
Filing Date	**Grant Date**	**Expiration Date**
02/21/2023	01/24/2024	08/01/2029

Community of License	Frequency (KHz)	Station Class	Service Type
City: Houston **State:** TX	790	B	Main

Facility Type

Hours of Operation
Daytime
Nighttime

Station Antenna Modes/Antenna Types
Daytime: Directional
Nighttime: Directional

Average Hours of Sunrise and Sunset
Local Standard Time (Non-Advanced)

Month	Sunrise	Sunset
January	7:15	17:45
February	7:00	18:15
March	6:30	18:30
April	6:00	18:45
May	5:30	19:00
June	5:15	19:30
July	5:30	19:30
August	5:45	19:00
September	6:00	18:30
October	6:15	17:45
November	6:45	17:30
December	7:15	17:30

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
29° 54' 56.4" N

Longitude
95° 27' 46.1" W

Nominal Power (kW)
5.000

Antenna Input Power (kW)
5.400

Current (Amperes)
10.390

Resistance (Ohms)
50

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1058670	106.2
2	1058671	106.2
3	1058676	106.2
4	1058677	106.1

Description of Daytime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
703.3	738.8	821.8	21.59

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	1	0	0	0	0	98.2
2	0.2	-120	100	175	0	98.2
3	0.55	-98	166.6	111.9	0	98.2
4	0.11	142	100	175	1	98.2

** 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)

Tower No.	Tower Type	A	B	C	D
1	Neither				
2	Neither				
3	Neither				
4	Neither				

Augmentation Parameters

Aug. No.	Central Azimuth *(Deg. T)*	Span *(Deg.)*	Radiation at Central Azimuth *(mV/m @ 1 km)*
1	6.0	28.0	386.24
2	18.5	10.0	563.27
3	27.0	13.0	635.69
4	45.0	53.0	825.37
5	72.5	55.0	867.63
6	85.0	20.0	881.12
7	90.0	10.0	869.05
8	100.0	34.0	914.90
9	117.0	34.0	987.82
10	132.5	25.0	1084.70
11	152.0	46.0	1265.91
12	175.0	45.0	1256.96
13	197.5	45.0	974.39
14	215.0	20.0	579.36
15	234.0	10.0	321.87
16	240.0	12.0	370.15
17	252.0	24.0	555.22
18	252.0	10.0	579.36
19	260.0	20.0	663.05
20	267.5	15.0	661.44
21	275.0	10.0	587.41
22	280.0	46.0	755.23
23	303.0	46.0	709.14
24	312.5	15.0	651.78
25	322.5	25.0	587.41
26	336.5	31.0	459.39
27	352.0	31.0	276.92

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	1.000	0.000
2	0.147	-107.4
3	0.535	-89.9
4	0.065	-156.0

Antenna Mode: Nighttime

Antenna Type: Directional

Antenna Coordinates (NAD 83)

Latitude
29° 54' 56.4" N

Longitude
95° 27' 46.1" W

Nominal Power (kW)
5.000

Antenna Input Power (kW)
5.400

Current (Amperes)
10.390

Resistance (Ohms)
50

Antenna Structure Registration Number(s)

Tower No.	ASRN	Overall Height *(m)*
1	1058670	106.2
2	1058671	106.2
3	1058672	106.1
4	1058673	106.1
5	1058674	106.2
6	1058675	106.1
7	1058676	106.2
8	1058677	106.1

Description of Nighttime Directional Antenna System

Theoretical RMS *(mV/m/km)*	Standard RMS *(mV/m/km)*	Augmented RMS *(mV/m/km)*	Q Factor
671.1	705.9	723.9	40.30

Theoretical Parameters

Tower No.	Field Ratio	Phasing *(deg.)*	Spacing *(deg.)*	Orientation *(deg.)*	Tower Ref. Switch*	Height *(deg.)*
1	0.78	-34	0	0	0	98.2
2	0.85	161	100	175	1	98.2
3	1	0	100	175	1	98.2
4	0.41	-113	100	175	1	98.2
5	0.61	-44	194	45	0	98.2
6	0.66	151	100	175	1	98.2
7	0.78	-10	100	175	1	98.2
8	0.32	-123	100	175	1	98.2

** 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)

Tower No.	Tower Type	A	B	C	D
1	Neither				
2	Neither				
3	Neither				
4	Neither				
5	Neither				
6	Neither				
7	Neither				
8	Neither				

Augmentation Parameters

Aug. No.	Central Azimuth *(Deg. T)*	Span *(Deg.)*	Radiation at Central Azimuth *(mV/m @ 1 km)*
1	10.0	20.0	233.35
2	18.0	40.0	180.25
3	35.0	20.0	83.69
4	47.5	45.0	83.69
5	50.0	10.0	86.90
6	55.0	10.0	98.17
7	60.0	10.0	112.65
8	65.0	10.0	148.06
9	117.0	10.0	482.80
10	130.0	10.0	1221.32
11	130.0	26.0	1158.73
12	152.0	44.0	1993.12
13	175.0	45.0	1166.90
14	197.5	45.0	313.82
15	234.0	36.0	131.97
16	252.0	10.0	164.15
17	303.0	46.0	241.40
18	336.5	31.0	555.22
19	352.0	31.0	482.80

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	1.29	8.2
2	1.188	-156.6
3	1.477	42.0
4	0.588	-66.9
5	1.000	0.0
6	0.867	-165.5
7	1.13	29.7
8	0.422	-78.1

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.

- The permittee/licensee 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.
- No. and Type of Elements: Eight (8) vertical, guyed, series-excited steel radiators of uniform cross section. An STL antenna is side mounted near the top of Tower No. 5 (NE).
- Ground System consists of 120 equally spaced, buried, copper radials about the base of each tower 95.1 m in length, except where terminated by property boundaries and where intersecting radials are shortened and boned, plus 120 interspersed radials 15.2 m in length.
- The station will operate with a Potomac Instruments Model 1901-8 antenna monitor.

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.