RADIO FREQUENCY RADIATION COMPLIANCE STATEMENT

The Licensed facility, K202DR, has been studied in accordance with the procedures set forth in the FCC OET Bulletin No. 65 "Evaluating Compliance With FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields", Edition 97-01, and has been found to comply with the limits set forth in Section 1.1310 of the Rules. The total exposure due to radiation from the licensed facility as defined by the ANSI standard computations for general population/uncontrolled area is **0.01 %** of the maximum. Since this is less than 5% of the Commission's power density limit, the Licensee is categorically excluded from having to take action to correct for emissions exceeding the guidelines in a site with multiple fixed transmitters. The total radiated power from all TV & FM, full and low power, co-located broadcast emitters were also considered. A summary of the results is tabulated below, and the individual calculations can be found in the following pages.

Multiple Use FM/TV Tower

Location: **K202DR 202D Wichita Falls, TX** 3/7/2021

Channel Frequency Type	Call Letters	Service	ERP (W) H+V	Ant Center of Radiation AG (m)	% of ANSI/FCC Limit (6min)	% of ANSI/FCC Limit (30 min)
88.3	K202DR	LPFM#1	500.00	69.00	0.01	0.07
92.5	K223DE	LPFM#2	500.00	40.00	0.04	0.18
92.5	K263AK	LPFM#2	500.00	40.00	0.04	0.18
Total %					**0.10**	**0.43**

IN COMPLIANCE

The Licensee agrees to maintain full compliance with the safety precautions to workers on the tower (controlled) and the general public (uncontrolled) by reducing or removing radiated power during the time of construction or maintenance on or near the antenna. The Licensee also certifies that it, in coordination with other users of the site, will continue to post RF exposure warning signs and reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from Radiofrequency Electromagnetic exposure in excess of FCC guidelines.

The Licensee is believed to be in full compliance with the Environmental Impact and Commission Rules.

David Sanderford

MARSAND, INC. – VP

RF RADIATION TO HUMAN EXPOSURE CALCULATIONS LP-FM #1

Call letters: **K202DR** Date: **3/7/2021**
Lic City: **Wichita Falls, TX** **(FM 30-300 MHz)**
Channel: **202D**
Frequency: **88.3** MHz

ANSI/IEEE C95.1-1992 & FCC OST/OET Bulletin Number 65

Aural ERP:	Horizontal	**250 W**
Aural ERP:	Vertical	**250 W**
Worst Case downward radiation:		**0.30**
Typical relative field factor in the downward direction: (from -60 to -90 degrees elevation)		**0.20**
Distance from ground to antenna center of radiation:		**69.0 m**

A. Occupational/Controlled Exposure

	Actual	Worst Case
Highest power density:	**0.14 µW/cm²**	**0.32 µW/cm²**
Power Density at ground level:	**0.0001 mW/cm²**	**0.0003 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**88.3 MHz**	
Required minimum ANSI standard:	**1.0 mW/cm²**	**6 minutes Avg.**
Percentage of ANSI requirement:	**0.01 %**	**0.03 %**

B. General Population/Uncontrolled Exposure

		Head Height
Dist. of Person from ant/twr vert Plumb:	**20 m**	**2 m**
Dist. of Person from ant/twr Direct:	**69.9 m**	

	Actual	Worst Case
Highest power density:	**0.14 µW/cm²**	**0.31 µW/cm²**
Power Density at ground level:	**0.0001 mW/cm²**	**0.0003 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**88.3 MHz**	
Required minimum ANSI standard:	**0.2 mW/cm²**	**30 minutes Avg.**
Percentage of ANSI requirement:	**0.07 %**	**0.15 %**

RF RADIATION TO HUMAN EXPOSURE CALCULATIONS LP-FM #2

Call letters: **K223DE** Date: **3/7/2021**
Lic City: **Wichita Falls, TX** **(FM 30-300 MHz)**
Channel: **223D**
Frequency: **92.5** MHz

ANSI/IEEE C95.1-1992 & FCC OST/OET Bulletin Number 65

Aural ERP:	Horizontal	**250 W**
Aural ERP:	Vertical	**250 W**
Worst Case downward radiation:		**0.30**
Typical relative field factor in the downward direction: (from -60 to -90 degrees elevation)		**0.20**
Distance from ground to antenna center of radiation:		**40.0 m**

A. Occupational/Controlled Exposure

	Actual	Worst Case
Highest power density:	**0.42 µW/cm²**	**0.94 µW/cm²**
Power Density at ground level:	**0.0004 mW/cm²**	**0.0009 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**92.5 MHz**	
Required minimum ANSI standard:	**1.0 mW/cm²**	**6 minutes Avg.**
Percentage of ANSI requirement:	**0.04 %**	**0.09 %**

B. General Population/Uncontrolled Exposure

		Head Height
Dist. of Person from ant/twr vert Plumb:	**20 m**	**2 m**
Dist. of Person from ant/twr Direct:	**42.9 m**	

	Actual	Worst Case
Highest power density:	**0.36 µW/cm²**	**0.82 µW/cm²**
Power Density at ground level:	**0.0004 mW/cm²**	**0.0008 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**92.5 MHz**	
Required minimum ANSI standard:	**0.2 mW/cm²**	**30 minutes Avg.**
Percentage of ANSI requirement:	**0.18 %**	**0.41 %**

RF RADIATION TO HUMAN EXPOSURE CALCULATIONS LP-FM #2

Call letters: **K263AK** Date: **3/7/2021**
Lic City: **Wichita Falls, TX** **(FM 30-300 MHz)**
Channel: **263D**
Frequency: **100.5** MHz

ANSI/IEEE C95.1-1992 & FCC OST/OET Bulletin Number 65

Aural ERP:	Horizontal	**250 W**
Aural ERP:	Vertical	**250 W**
Worst Case downward radiation:		**0.30**
Typical relative field factor in the downward direction: (from -60 to -90 degrees elevation)		**0.20**
Distance from ground to antenna center of radiation:		**40.0 m**

A. Occupational/Controlled Exposure

	Actual	Worst Case
Highest power density:	**0.42 µW/cm²**	**0.94 µW/cm²**
Power Density at ground level:	**0.0004 mW/cm²**	**0.0009 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**100.5 MHz**	
Required minimum ANSI standard:	**1.0 mW/cm²**	**6 minutes Avg.**
Percentage of ANSI requirement:	**0.04 %**	**0.09 %**

B. General Population/Uncontrolled Exposure

		Head Height
Dist. of Person from ant/twr vert Plumb:	**20 m**	**2 m**
Dist. of Person from ant/twr Direct:	**42.9 m**	

	Actual	Worst Case
Highest power density:	**0.36 µW/cm²**	**0.82 µW/cm²**
Power Density at ground level:	**0.0004 mW/cm²**	**0.0008 mW/cm²**

ANSI Maximum Radiation Limit for this Channel -

Frequency of Carrier:	**100.5 MHz**	
Required minimum ANSI standard:	**0.2 mW/cm²**	**30 minutes Avg.**
Percentage of ANSI requirement:	**0.18 %**	**0.41 %**