Federal Communications Commission

Washington, DC 20554

International Bureau

José de Jesús Arias Franco **DATE** February 11, 2019

IFT

Av. Insurgentes Sur 1143

Col. Nochebuena, C.P. 03720

Del. Benito Juárez

México City, México

Dear Mr. Arias:

The Commission is in receipt of a proposal to install a Low Power Digital Television/Translator station as follows:

1. Applicant: GILA RIVER TELECOMMUNICATIONS, INC.

2. Call Sign: KGRQ-LD

3. File Number: 0000054259

4. Channel Number: 21

5. Principal Community to be served: GILA RIVER INDIAN CO., AZ.

6. Proposed Transmitter Location: 33 - 00 – 06.9 NL

 111 – 40 – 28 WL

7. Effective Radiated Power: 15 kW

 Emission Mask: FULL SERVICE

8. Transmitting Antenna: Directional Antenna: MCI/955218

 Orientation: 330˚

Polarization: HORIZONTAL

Electrical beam tilt: N/A

Mechanical tilt: N/A

 Radiation Center Above Ground: 33.5 meters

 Radiation Center Above Mean Sea Level: 858.3 meters

9. Average HAAT: 416 meters

10. Distance to the border: 154.0 km

In view of the proximity of this proposed site to the Mexican-U.S.A. border, your comments are requested.

 Sincerely,

 Olga Madruga-Forti

 Chief, Global Strategy & Negotiation Division

 International Bureau

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| Directional Antenna Relative Field Values (Pre-rotated Pattern)

| **Degree** | **VA** | **Degree** | **VA** | **Degree** | **VA** | **Degree** | **VA** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1.00 | 90 | 1.00 | 180 | 0.010 | 270 | 1.00 |
| 10 | 0.947 | 100 | 0.967 | 190 | 0.021 | 280 | 0.947 |
| 20 | 0.793 | 110 | 0.872 | 200 | 0.094 | 290 | 0.793 |
| 30 | 0.756 | 120 | 0.729 | 210 | 0.218 | 300 | 0.756 |
| 40 | 0.902 | 130 | 0.556 | 220 | 0.378 | 310 | 0.902 |
| 50 | 0.902 | 140 | 0.378 | 230 | 0.556 | 320 | 0.902 |
| 60 | 0.756 | 150 | 0.218 | 240 | 0.729 | 330 | 0.756 |
| 70 | 0.793 | 160 | 0.094 | 250 | 0.872 | 340 | 0.793 |
| 80 | 0.947 | 170 | 0.021 | 260 | 0.967 | 350 | 0.947 |

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