FM Search Results

1 Record Found

DB Updated: 3/13/2018

Current Owner

Call Sign	Stat / Intl St	Country / State / City	File Number			
Freq / Service / Chan - Class - Intl / Border-Dist / Current/Archive			Docket	73_215	Last Update	Assoc ID
Owner						
Antenna ID / DA / Make / Model / Bays / Spacing		FRN	Facility ID		Fac. Status - Date	
Latitude / Longitude / Orientation		ASRN / Tip AG	Application ID		App Status - Date	
H / V : / ERP / ERP Max / HAAT / AMSL			AGL		Max HAAT	

NEW APP US MD HAGERSTOWN BNPFT 20170731ADK 25828
104.3 MHz FX 282 D C N 7/31/2017
HAGERSTOWN BROADCASTING COMPANY
128736 N ERI / LPX-2HW / - / - **0003768629-S** 200409 CPAPP - 8/2/2017
N 39° 40' 04.0" W 77° 43' 33.0" X 59.00 1761275 CPREQ - 8/2/2017
NAD-83: 39° 40' 04.3" 77° 43' 32.0"
H/V: 0.250(kW) 233.0 m /764 ft 53.0 m /174 ft
Associated Facility ID 25828 **AM** 1240 kHz **WJEJ** MD HAGERSTOWN 0003768629

Phone: (301) 739-2323
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New FM Translator for WJEJ-AM-1240 kHz
Ch. 282 (104.3 MHz) - Facility ID: 200409

The FM Translator will be side mounted on the existing tower of WJEJ AM from Coordinates which have been adjusted 4 Second North & 3 Seconds West based upon Google Earth Satellite Photo (**Fig 1A**).

Actual NAD_27: 39-40-04.0 / 77-43-33.0
TowAir indicated No FAA Required.
The AM uses a Four Sided Self-Supported Tower
Steel: 190' (57.9 m) Base + Insulator: 4' (1.2 m) Elevation: 590' AMSL (179.8)
Tip Height: 194' AGL (59.1 m) / 784' AMSL (239.0 m)
2 Bay FM Antenna CR: 175' AGL (53.3 m) / 768' AMSL (233.2 m)

The ERP will be 250 Watts using an ERI 2 Bay Half-Wave Spaced antenna, Model LPX-2HW.
Fig 2 is a Translator Channel Study.
Fig 2A is a 2nd Adjacent Waiver.
Fig 3 is a Map demonstrating 60 dBu "Fill-In" Compliance.
Fig 4 is a Graph demonstrating RF Exposure Compliance.

Mullaney Engineering, Inc.

Figure 1 - Proposed Engineering
New FM "Fill-In" Translator for WJEJ-AM

Ch. 282 - 104.3 MHz - 250 Watts - Hagerstown, MD - March 2018