

## EXHIBIT 13-1

### FM TRANSLATOR ALLOCATION STUDY W295AP MINOR MOD TO ANTENNA SYSTEM

CDBS 07142017

Search of channel 229 (93.7 MHz Class D) at 30-25-59.0 N, 87-13-09.0 W.

CALL	CITY	ST CHN CL	DIST	SEP	BRNG	CLEARANCE
WMEZ	PENSACOLA	FL 231 C0	42.15	0.00	298.1	-18.41 dB 1
WNCV	SHALIMAR	FL 227 C2	57.35	0.00	92.4	2.29 dB
WMJY	BILOXI	MS 229 C	143.75	0.00	272.7	11.57 dB
WAAO-FM	ANDALUSIA	AL 229 C3	123.64	0.00	35.2	13.74 dB
WTKP	PORT ST. JOE	FL 229 C2	175.64	0.00	100.2	21.84 dB
WGYJ-LP	ATMORE	AL 228 LP100	71.24	13.00	338.4	23.89 dB
WMJY	BILOXI	MS 229 C	143.75	0.00	272.7	25.77 dB
W232CF	FORT WALTON BEACH	FL 232 D	56.86	0.00	92.0	28.17 dB
W230CA	PANAMA CITY	FL 230 D	141.09	0.00	101.2	37.10 dB
W227DA	MOBILE	AL 227 D	95.16	0.00	290.3	41.70 dB

#### NOTES

1. WMEZ SIGNAL AT PROPOSED TRANSLATOR SITE IS 77.9 dBu - Exhibit 13-2

A WAIVER OF 74.1204 IS REQUESTED IN REGARD TO PROTECTION OF WMEZ BASED ON THE USE OF FREE SPACE METHODOLOGY. IT IS DEMONSTRATED HEREIN THAT THERE WILL BE NO INTERFERENCE TO WMEZ.

INTERFERING SIGNAL LEVELS ARE BASED ON PATTERN DATA EXTRACTED FROM SHIVELY TWO BAY, FULL WAVE SPACED, FM ANTENNA ELEVATION PATTERN AS FOUND ON THE SHIVELY WEB SITE.

TABULATION 13-3 IS BASED ON AN ANTENNA RADIATION CENTER 90 METERS AGL FOR DEMONSTRATING RADIATION 2 METERS ABOVE GROUND. IT CAN BE SEEN THAT THE STRONGEST SIGNAL LEVEL 111.4 DBU WHICH IS 6.5 DB LESS THAN THE 117.9 DBU VALUE PREDICTED TO CAUSE INTERFERENCE.