

Exhibit EE-1: Engineering Statement in support of
FCC FORM 2100, Schedule 318
APPLICATION FOR AUTHORITY TO CONSTRUCT OR MAKE CHANGES IN AN LPFM STATION
(Licensed Station Minor Mod)

WITG-LP (Facility ID# 131370) is an LPFM station licensed to operate at Ocala, FL. WITG, Inc. (WITG) the licensee of WITG-LP, has been notified by the owners of the existing tower, that the structure is to be dismantled and that no replacement tower is planned. WITG has sought out a nearby tower, located 1.42km distant from the existing location. The instant application seeks to relocate to the new tower to avoid disruption of the station's signal when the existing tower is taken down.

CHANGES REQUESTED

WITG requests authority to change their antenna location and antenna height. The proposed antenna structure is a guyed tower with ASR number 1210677.

WITG proposes a 1-bay Nicom BK-77, circularly polarized antenna mounted at 92 meters above ground with an ERP of approximately 11W.

ANALYSIS OF PROPOSED CHANGES

73.807 & 73.825 Spacing:

As shown in Figure 1 and Table 1, the proposed facility is fully spaced (73.807) to all co-channel, first adjacent, 2nd and 3rd adjacent stations. WITG-LP proposes to continue operating on channel 284, so no effect will be caused to any TV channel 6 operations that would invoke 73.825 protections.

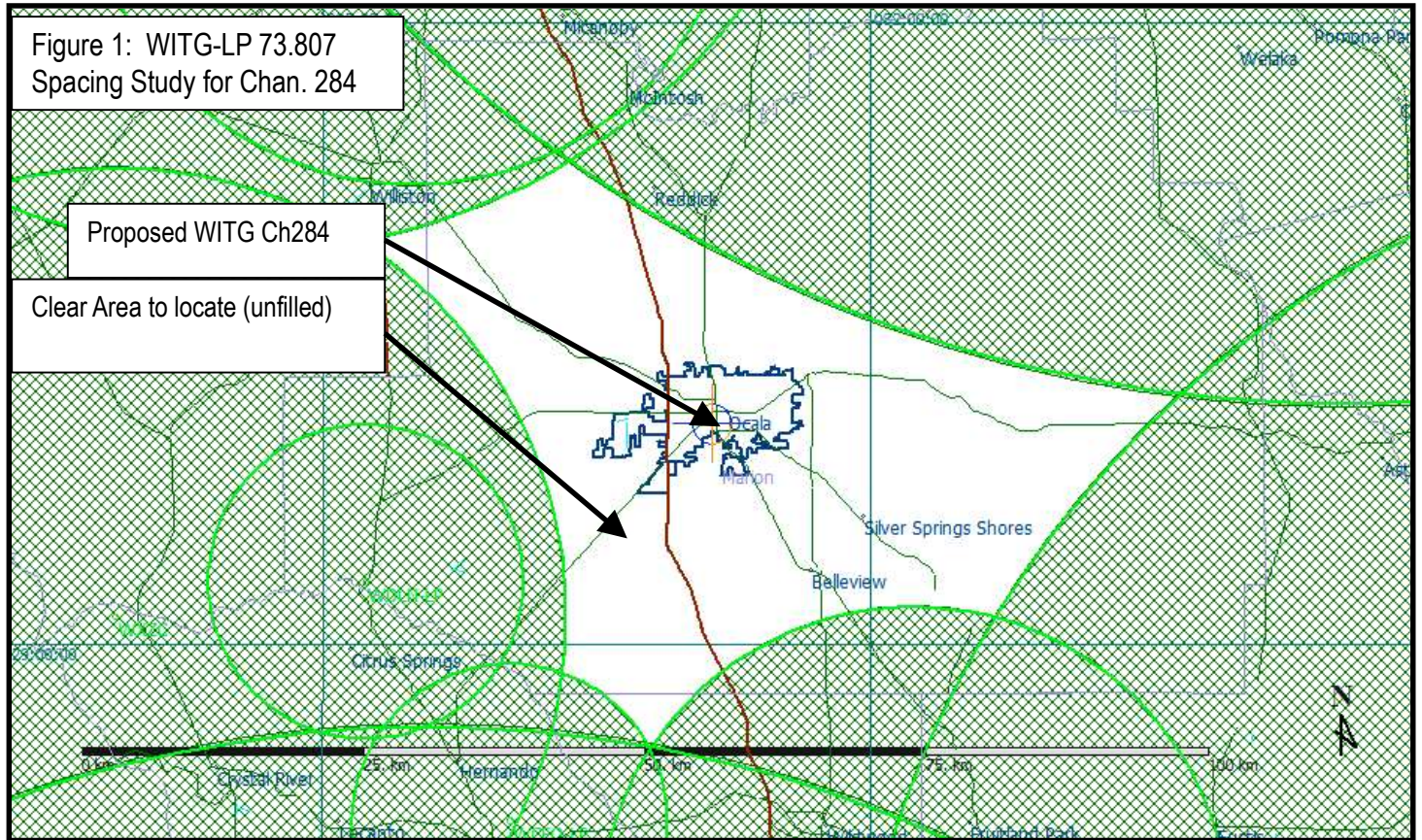
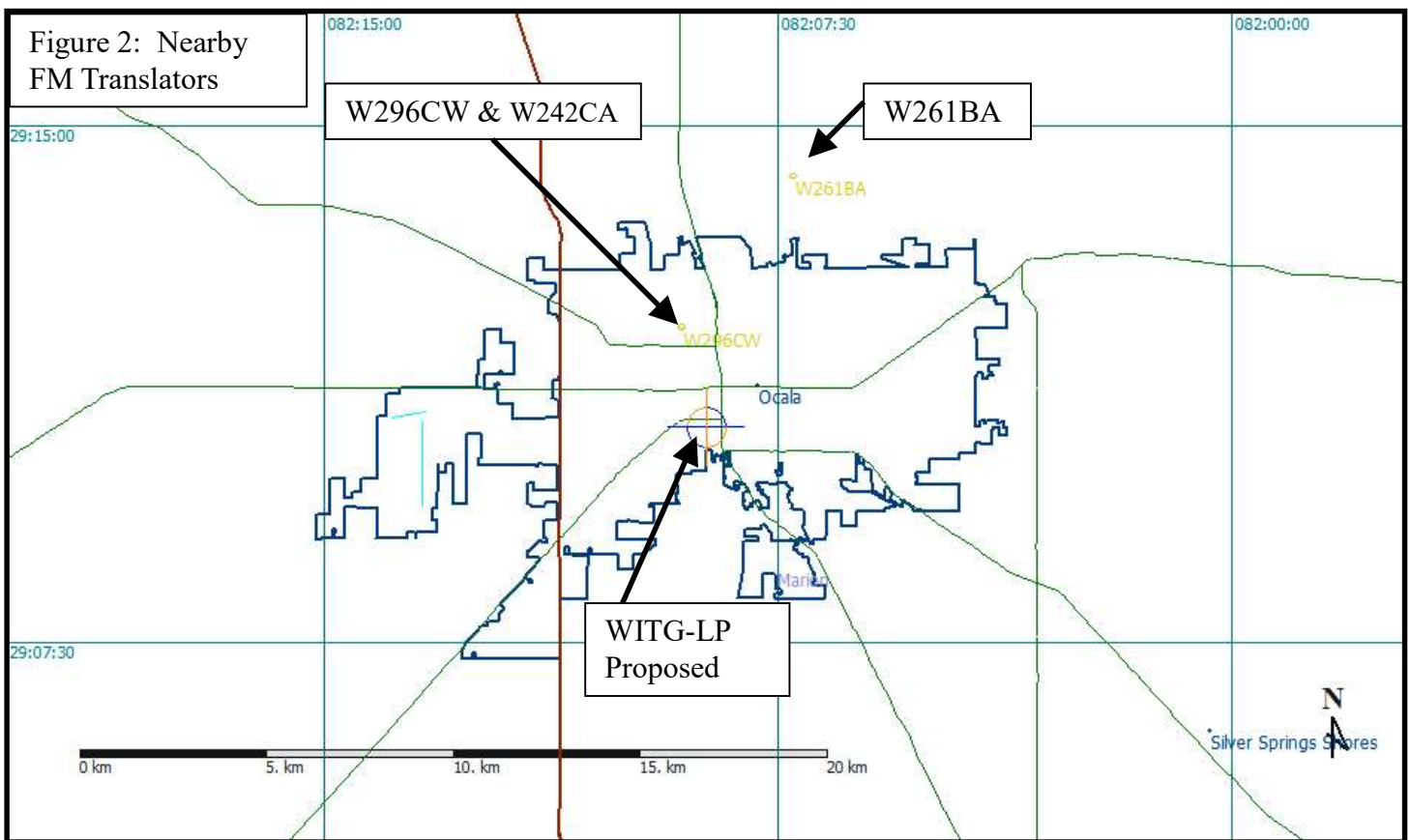


TABLE 1:

Callsign	Latitude (NAD83)	Longitude (NAD83)	Channel	Class	73 207 Min Separation	73 207 Clearance	Adjacency	Distance	Bearing	Facility_ID
WOKV-FM	N30:16:35	W081:33:52	283 : 104.5 MHz	C*	120	14.14422	1st Adj	134.1442	25	72081
WXZC	N29:01:19	W082:41:19	282 : 104.3 MHz	C3	40	15.69074	2nd Adj	55.69074	252	71585
W283DK	N28:46:39	W081:57:38	283 : 104.5 MHz	DX	28	19.78562	1st Adj	47.78562	158	202524
WDLN-LP	N29:03:02	W082:27:38	285 : 104.9 MHz	L1	14	19.81757	1st Adj	33.81757	245	193436
WCFQ-LP	N28:51:28	W082:19:44	285 : 104.9 MHz	L1	14	25.69007	1st Adj	39.69007	207	133419
WYGC	N29:49:17	W082:34:24	285 : 104.9 MHz	A	56	26.62739	1st Adj	82.62739	330	59076
WYKS	N29:37:54	W082:25:08	287 : 105.3 MHz	A	29	27.97264	3rd Adj	56.97264	332	24208
WRBQ-FM	N27:55:55	W082:24:04	284 : 104.7 MHz	C1	111	29.26772	Co-Chan	140.2677	190	11943
WTKS-FM	N28:34:52	W081:04:31	281 : 104.1 MHz	C	93	30.47032	3rd Adj	123.4703	122	53457
WOMX-FM	N28:34:52	W081:04:31	286 : 105.1 MHz	C	93	30.47032	2nd Adj	123.4703	122	47746

Translator Input Protections (73.827):

There are 3 FM Translators operating within 10km of the proposed WITG location: W242CA, W261BA and W296CW. W242CA and W261BA are fill-in translators for local stations and do not receive programming via direct reception. W296CW is a non-fill-in translator that rebroadcasts WTYG (Chan 218). WTYG's bearing from W296CW is 17°. The bearing to WITG-LP's proposed location is 166°. The proposed WITG-LP location is not a co-channel or any adjacent channel to WTYG. As shown in figure 2, the proposed WITG location is also not located within $\pm 30^\circ$ of the azimuth between the FM translator station and its input signal. The proposal is also further from W296CW than the licensed facility. For these reasons, WITG-LP's proposal will not cause interference to any FM translator's input signal.



AM Considerations:

Two AM stations, WOCA and WMOP, are located within 8 km of the proposed WITG-LP site. WOCA and WMOP are both non-directional. The closest station, WOCA, has a wavelength of 219m and is 2.77km distant (12 wavelengths). WMOP has a wavelength of 333meters and is 7.14km distant (21.4 wavelengths), therefore no notification is required in accordance with 47 C.F.R. §1.30002(g). The proposed facility will be located on an existing tower and no effect upon either WOCA or WMOP is expected.

Environmental Statement

The antenna will be mounted on an existing tower. No construction or demolition is proposed. The existing structure will not change nor will WITG-LP adversely affect the environment. No change in tower lighting is proposed. There is no proposed land fill or any change of hydrology.

The WITG-LP antenna will be mounted 92 meters AGL. The calculated power density at 2 meters above ground is less than 1% of the public limits of OST Bulletin 65. In the event of work requiring humans to be near the antenna, the station will reduce power or shut down as needed to protect workers.

Form 2100, Schedule 318 Tech Box Data

Channel: **284**

Antenna Location Coordinates: (NAD83):

29° 10' 37.7" N

82° 08' 40.7" W

Antenna Structure Registration: **1210677**

Antenna Location Site Elevation Above Mean Sea Level: **25.3meters**

Overall Tower Height Above Ground Level: **101.5 meters**

Support Structure Height: **100.9 meters**

Height of Radiation Center Above Ground Level: **92 meters (H & V) AGL**

ERP (approx):

0.011 kW (H)

0.011 kW (V)

Transmitting Antenna: Directional 1-bay **Nicom BKG-77**

Proposal Compliance:

Section 73.807 and 73.825 and 73.827(a): **Yes**. See EE-1

Environmental Effect:

NEPA: **No**. This proposal is excluded from environmental processing: The modeled rf from the proposed facility at the closest occupied area is under 1μW/cm² which is less than 5% of the maximum public exposure level. The antenna will be mounted on an existing structure. No changes to structure, lighting, land or water are proposed. Applicant will cease radiating if workers are near the antenna.

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