

**Interference Study**

The proposed translator complies with all requirements of Section 74.1204 of the Commission's rules.

Page 2 of this Exhibit contains a Channel Study showing the relationship of the proposed translator to other co-channel, 1<sup>st</sup>, 2<sup>nd</sup>, & 3<sup>rd</sup> adjacent channel stations and to stations separated by 53/54 channels.

Page 3 of this Exhibit contains a tabulation of the 12 radials with the corresponding HAAT's and distance to the 60 & 100 dBu contours.

Page 4 of this Exhibit contains a coverage map of the proposed 60 dBu contour.

The proposed translator will be located inside the 60 dBu contours of WWGR, on 2<sup>nd</sup> adjacent channel 270, and WJGO, on 3<sup>rd</sup> adjacent channel 275. There is no population within the 100 dBu interference contour of the proposed translator. Page 5 of this Exhibit contains a map showing the proposed translator's 100 dBu interference contour, page 6 contains a map showing WWGR's 60 dBu contour and the proposed translator's 100 dBu interference contour, and page 7 contains a map of WJGO's 60 dBu contour and the proposed translator's 100 dBu interference contour.

Interference Study

REFERENCE CH# 272D - 102.3 MHz, Pwr= 0.055 kw, HAAT=0.0 M, COR= 64 M  
26 12 56 N Average Protected F(50-50)= 4.83 km  
81 46 56 W Ave. F(50-10) 40 dBu= 15.5 54 dBu= 6.9 80 dBu= 1.5 100 dBu= .5

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kw) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
270C Fort Myers	WWGR	LIC CN FL	35.2 215.2	28.20 BLH19870601KA	26 25 23 81 37 07	100.000 305	305 0.5	72.8 Renda Broadcasting Corp. 0	10.95	-45.08*
270C Fort Myers	WWGR.A	APP CX FL	35.2 215.2	28.20 BPH20020501AAF	26 25 23 81 37 07	100.000 468	468 0.5	84.7 Renda Broadcasting Corpora	8.84	-57.02*
272D Naples	AP272	APP C FL	0.0 180.0	0.00 BNPFT20030317HSN	26 12 56 81 46 56	0.055 64	64 23.6	7.0 American Educational Broad	-30.67*	-30.67*
272C1 Jensen Beach	WMBX	LIC CN FL	60.2 240.2	183.19 BLH19981110KA	27 01 32 80 10 43	100.000 294	299 23.6	71.9 Infinity Radio Operations	4.73	87.62
273C Sarasota	WHPT	LIC CN FL	340.8 160.8	140.10 BLH19890126KE	27 24 30 82 15 00	100.000 511	520 10.1	87.4 Cxr Holdings, Inc.	2.53	42.61
274C Pompano Beach	WMXJ	LIC DCN FL	99.7 279.7	159.77 BMLH19940613KF	25 57 59 80 12 33	22.025 309	309 0.5	58.0 Jefferson-pilot Communicat	146.24	101.23
275C2 Tice	WJGO	LIC NE FL	334.2 154.2	33.55 BLH19990806KB	26 29 16 81 55 46	50.000 143	143 0.5	51.2 Renda Broadcasting Corpora	20.68	-18.22*

\*\*\*Affixed to 'IN' or 'Out' values = site inside protected contour.  
ERP and HAAT are on direct line to and from reference station.

**Interference Study**

26 12 56  
 81 46 56

ERP = .055 kW, -12.596 dBk						
FM - 2-6 Tables						
Radial	HAAT	kW	dBk	Field	60 dBu.5	100 dBu.5
0 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
30 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
60 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
90 Degr.	61.7M	0.055	-12.596	1.000	6.9	0.5
120 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
150 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
180 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
210 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
240 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
270 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
300 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
330 Degr.	64.0M	0.055	-12.596	1.000	7.0	0.5
Ave. HAAT= 63.8M, Ant. COR= 64.0M AMSL						

Interference Study



Scale 1:250,000

5 Miles

5 KM

- Local Road
- Major Connector
- State Route
- Trail

Interference Study



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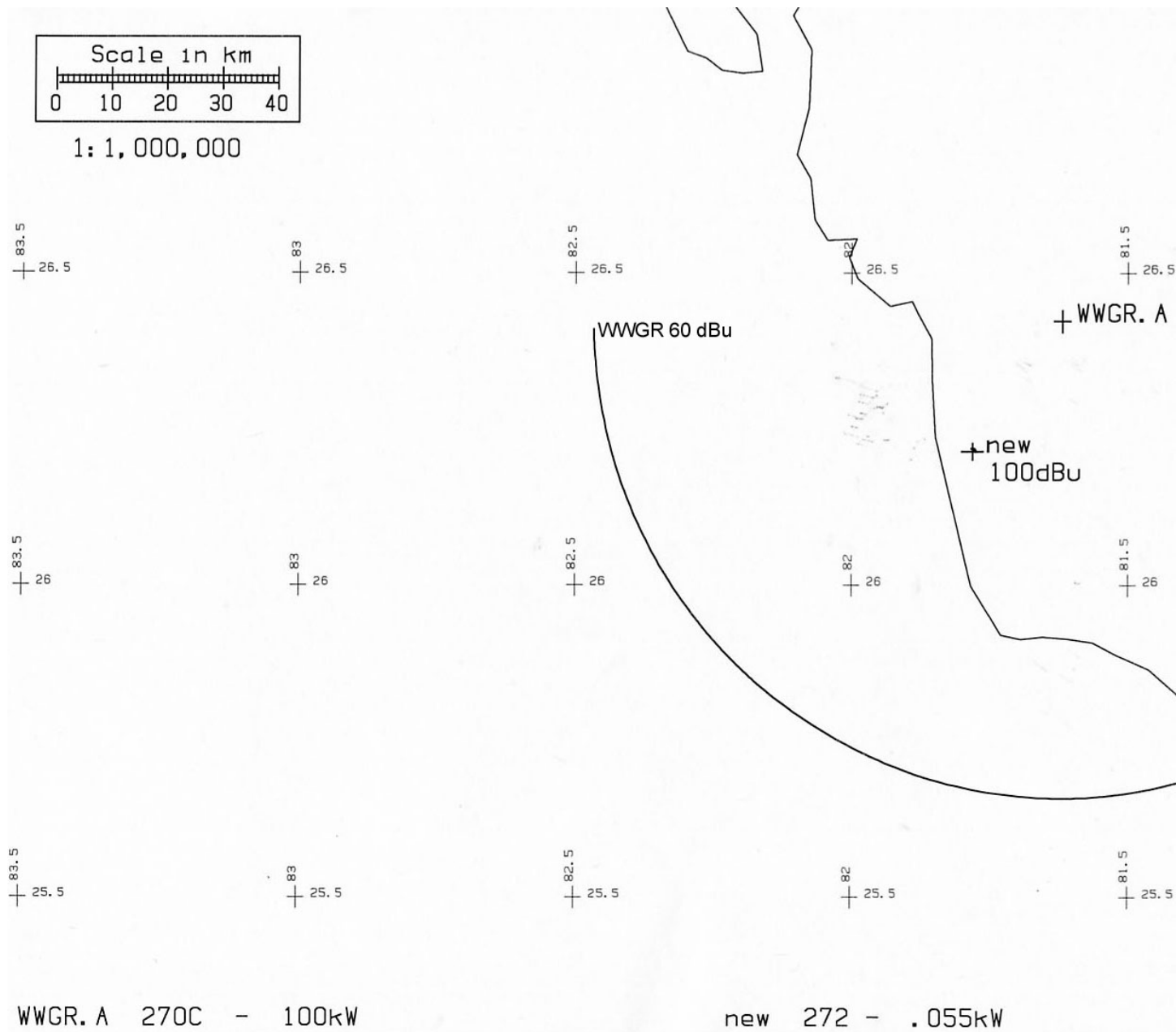
Scale 1:100,000

2 Miles

2 KM

- Local Road
- Major Connector
- State Route
- Trail

Interference Study



Interference Study

