Technical Exhibit

Bisti Broadcasting is an educational non-profit located at 1108 N. Chaparral St. in Bloomfield, NM. The applicant proposes to locate an LPFM antenna at N36 46 26.6" W108 08 23.1" NAD 83 datum. These two locations are 14.4 km apart and both in San Juan County, NM. which is not listed in the top 50 Markets. The applicant thus qualifies as "local" for the purposes of this application.

5001 Foothills Dr. Farmington, NM.
Channel 289 L1 Frequency Study

REFERENCE
36 46 27.60 N.
108 08 23.10 W.

CLASS = L1
Current Spacings to 2nd Adj.
Channel 289 - 105.7 MHz

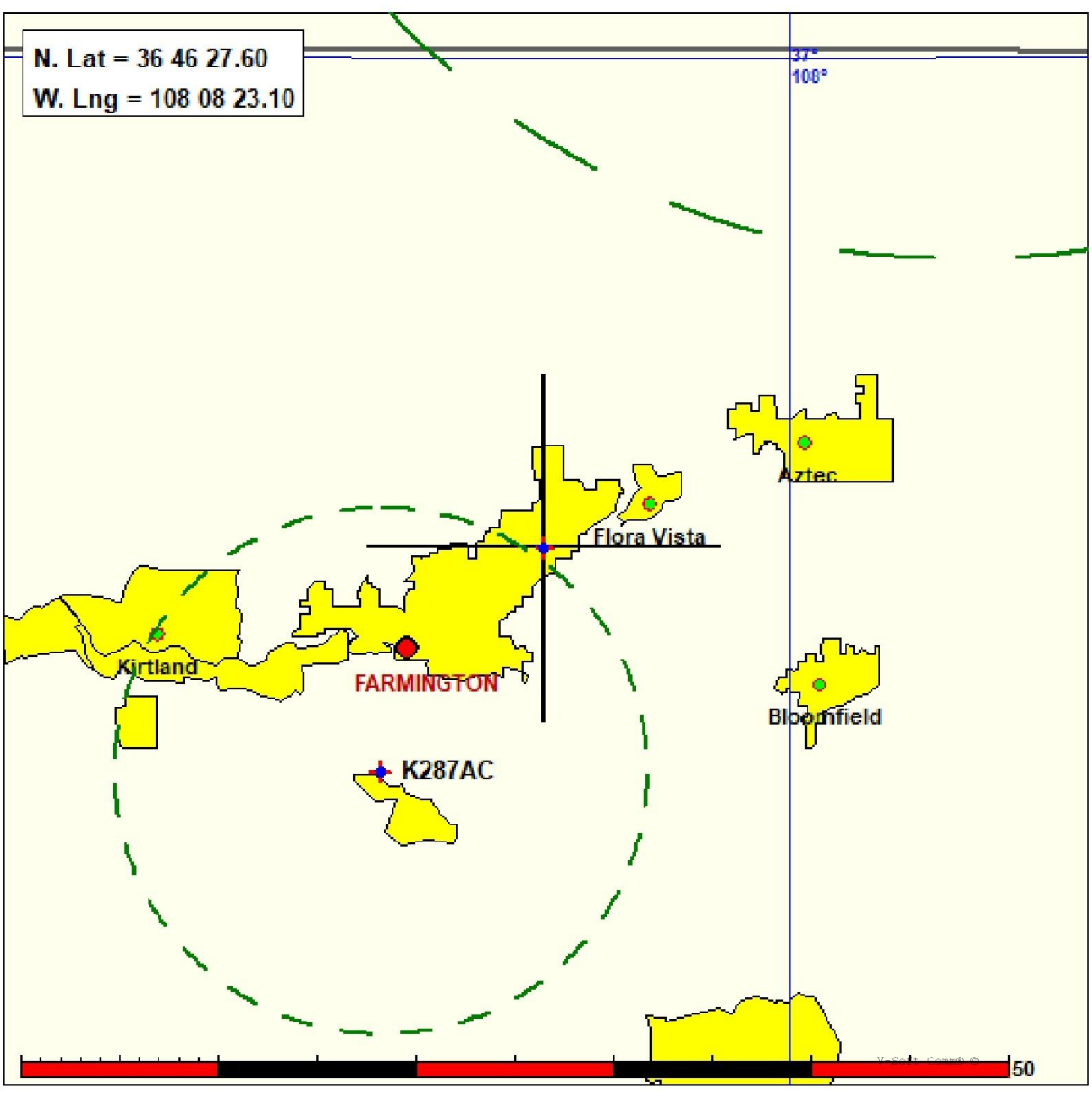
DISPLAY DATES
DATA 12-07-23
SEARCH 12-07-23

Call	Channel	Location		Azi	Dist	FCC	Margin
K287AC	LIC	287D	Farmington	NM	215.7	14.12	13.5	0.6
KXRC	LIC	287C3	Durango	CO	21.3	58.25	39.5	18.8
K290AD	LIC	290D	Durango	CO	20.8	57.95	14.5	43.5
K289AL	LIC	289D	Cortez	CO	328.5	75.00	25.5	49.5
KWGL	LIC	289C	Ouray	CO	12.7	183.71	129.5	54.2
K289AD	LIC	289D	Chinle	AZ	248.1	92.36	31.5	60.9
KRZY-FM	LIC	290C	Santa Fe	NM	126.9	182.12	119.5	62.6
KWUF-FM	LIC-N	291C3	Pagosa Springs	CO	63.0	103.60	39.5	64.1
KFMQ	LIC-N	291C1	Gallup	NM	201.0	152.06	72.5	79.6
K287AA	LIC-D	287D	Pagosa Springs, Etc	CO	63.1	103.81	20.5	83.3
K288BD	LIC	288D	Silverton	CO	19.9	122.67	14.5	108.2
K287CC	LIC-D	287D	Placerville	CO	2.6	136.50	20.5	116.0

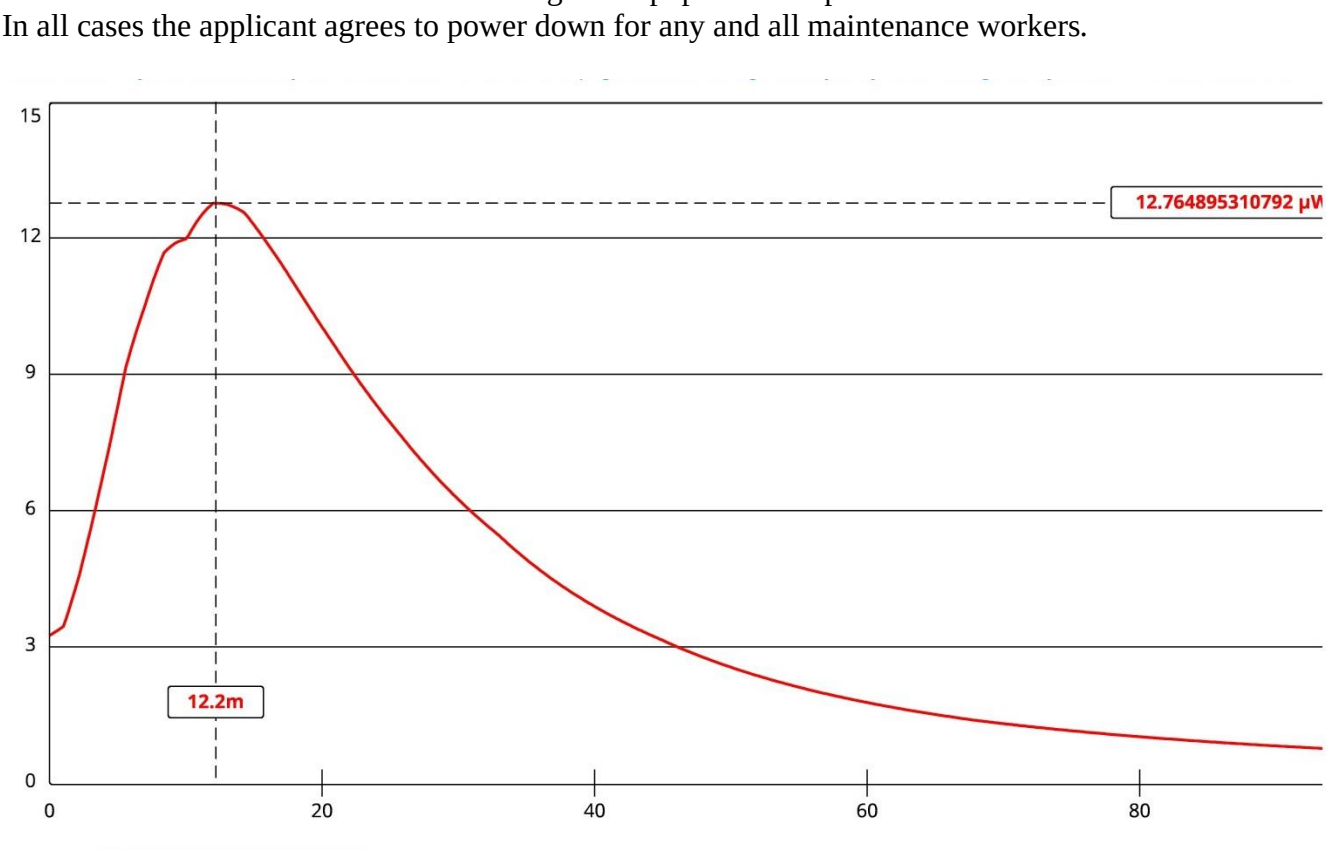
All separation margins include rounding

CH 289 L1 105.7 MHz

Current Spacings to 2nd Adj.
5001 Foothills Dr. Farmington, NM.
Channel 289 L1 Frequency Study



The applicant proposes a 1 bay Nicom BKG77 antenna mounted at 14 meters AGL. FM Model predicts a maximum power density of 12.76 µW/cm2 at 12.2 meters from the Center of Radiation. This is below the limits for controlled and general population exposure as outlined in OET Bulletin 65. In all cases the applicant agrees to power down for any and all maintenance workers.



Channel Selection	Channel 289 (105.7 MHz)		
Antenna Type +	EPA Type 2: Opposed V Dipole		
Height (m)	14	Distance (m)	100
ERP-H (W)	100	ERP-V (W)	100
Num of Elements	1	Element Spacing (λ)	1
Num of Points	500	Apply	

The antenna will be mounted 2 meters above roof level and should not need registration.