

Request Minor Modification to NCE CP

KJPN

Payson, AZ

CH207A

89.3 MHz

Permit File Number: BMPED-20090811ABZ

Facility ID: 175859

Permittee requests authorization to reduce power to 0.1 kW, lower antenna height, use a non-directional horizontally polarized antenna, and to correct site coordinates.

Call	Type	Ch	Location	Azi	Dist	In	Out	
KJPN	CP-D	207C3	Payson	AZ	58.8	0.1	-89.1*	-53.9*
KNAU	LIC	204C	Flagstaff	AZ	338.3	80.8	55.3	3.1
KBAQ	LIC-D	208C1	Phoenix	AZ	217.4	133.2	6.7	28.2
KZAI	LIC-D	210C	Superior	AZ	192.7	83.3	34.6	8.7
KLVK	LIC-D	206C0	Fountain Hills	AZ	239.3	149.7	22.4	44.5
KNAQ	LIC	207A	Prescott	AZ	280.7	125.3	52.9	41.7
KRCI	LIC	208C3	Pinetop-lakesid	AZ	94.3	112.4	46.1	55.0
KJZA	CP-D	208C2	Drake	AZ	317.9	137.2	48.6	64.9
KJTA	LIC	210C2	Flagstaff	AZ	340.9	112.0	95.8	63.0
KVNA-FM*	LIC	261C2	Flagstaff	AZ	339.2	80.8	14.5R	55.3M
KJZA	LIC	208C3	Drake	AZ	317.9	137.2	67.5	77.7
KNJO-LP*	LI-D	06-T	Holbrook	AZ	56.1	110.7	195.5R	101.3M

End of Screen List

According to this V-Soft study, no prohibited interference will be caused.

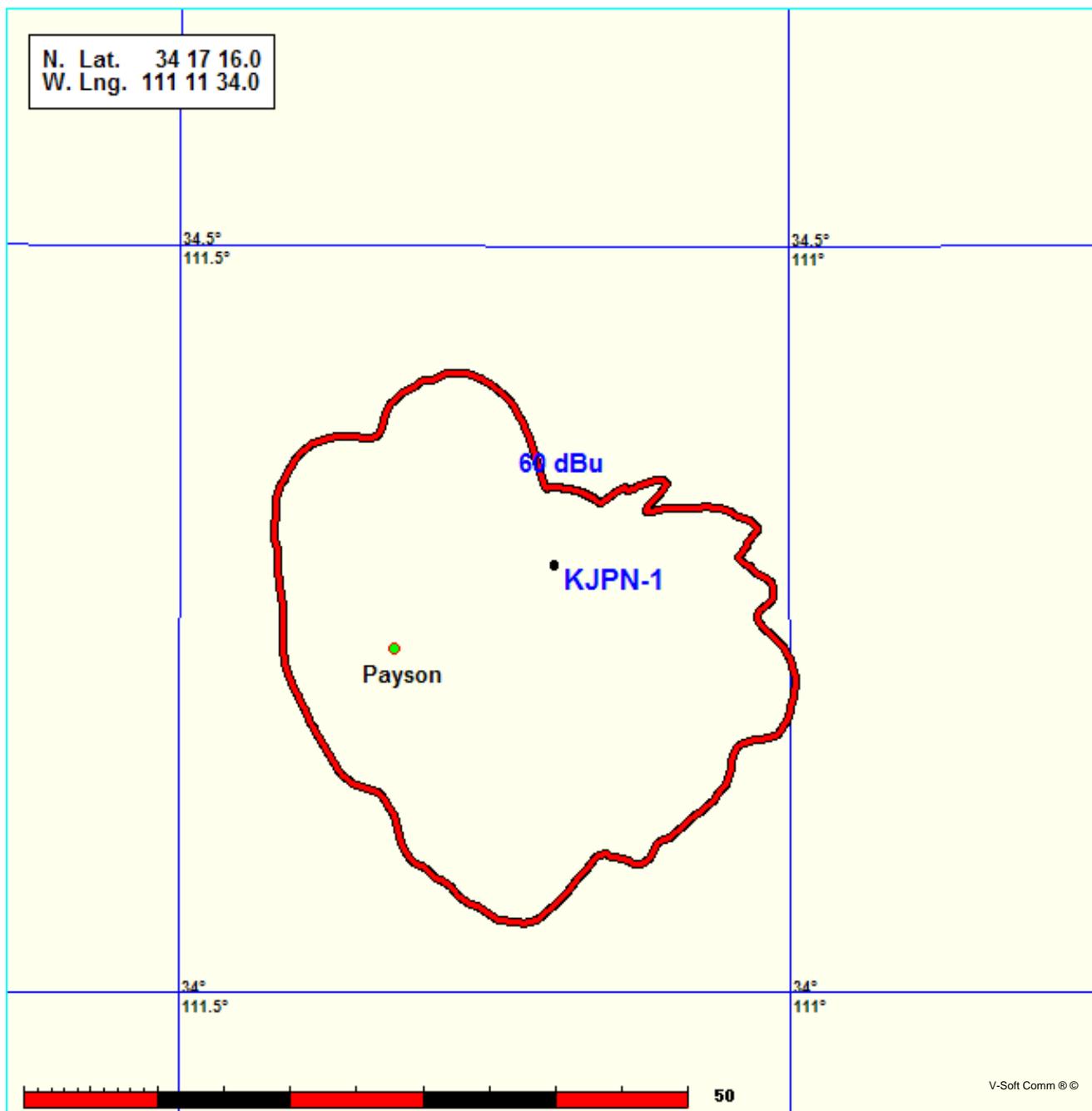
EXHIBIT 18

The proposed 60 dBu contour will cover the entire city of license.

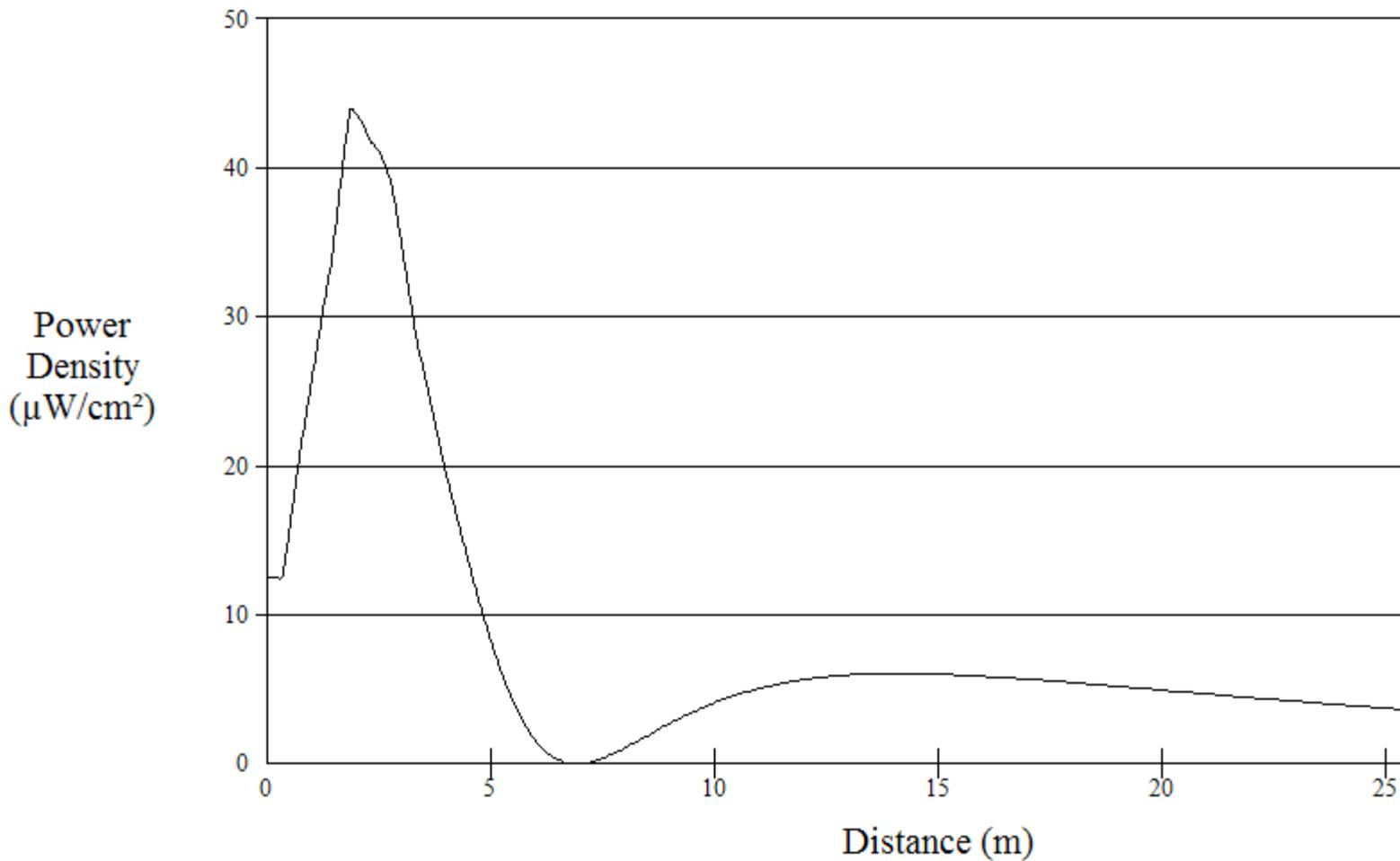
AZ - Payson - NCE - Diamond Point

Coverage Study -
10-04-2011

KJPN-1 CH207 A 0.1 kW 1946M COR
Prot. = 60 dBu.



Power Density vs Distance



Office of Engineering and Technology

Distance (m):	<input type="text" value="30"/>	Antenna Type:	<input (epa)"="" bfc"="" type="text" value="RCA "/>
Horizontal ERP (W):	<input type="text" value="100"/>	Number of Elements:	<input type="text" value="2"/>
Vertical ERP (W):	<input type="text" value="0"/>	Element Spacing:	<input type="text" value="1"/>
Antenna Height (m):	<input type="text" value="6"/>		

Applicant intends to use a 2 bay horizontally polarized antenna system. Make RVR, model ACP0H. Power density is expected to be less than 50 $\mu\text{W}/\text{cm}^2$, which is 25% of the FCC standard for protection of the general public. No fencing is expected to be needed. Applicant pledges to reduce power or cease transmissions while any personnel are working in close proximity to the antenna.