

ENGINEERING SPECIFICATIONS

	Licensed Parameters: BPCDT-20080617ABP	Proposed Parameters
Transmitter Site		
N. Latitude (NAD 27)	30 ° 33 ' 00.0 "	<u>30 ° 27 ' 37.5 "</u>
W. Longitude (NAD 27)	83 ° 00 ' 48.0 "	<u>82 ° 39 ' 11.2 "</u>
FAA Study Number:	2009-ASO-6594-OE	<u>2012-ASO-7034-OE</u>
ASR Study Number:	1056705	<u>N/A</u>
Emission Characteristics		
Channel:	48	48
Frequency:	674 - 680 MHz	674 - 680 MHz
Antenna and Other Elevations		
Height of Site Above Mean Sea Level (AMSL)	23.5 m	<u>37.2 m</u>
Overall Height of Structure Above Ground (AGL)	152.7 m	<u>281.2 m</u>
(including all appurtenances)	154.2 m	<u>282.5 m</u>
Overall Height of Structure Above Mean Sea Level	176.2 m	<u>318.4 m</u>
(including all appurtenances)	177.7 m	<u>319.7 m</u>
Average Terrain	36.8 m	<u>31.2 m</u>
Effective Height of Antenna Above Ground	146.9 m	<u>272.9 m</u>
Effective Height of Antenna Above Average Terrain	133.6 m	<u>278.9 m</u>
Effective Height of Antenna Above Mean Sea Level	170.4 m	<u>310.1 m</u>
Antenna Parameters	H Polarization	V Polarization
Maximum Effective Radiated Power	13.42 dBkW	<u>30.0 dBkW</u>
In Beam Maximum	22 kW	<u>1000 kW</u>
Antenna Make / Model	SWR / SWERM24BFS/48-DT	<u>DIE / TFU-36GTH 06</u>

Kessler and Gehman Associates, Inc.



Consultants • Broadcast • Wireless
507 NW 60th Street, Suite C
Gainesville, FL 32607
www.kesslerandgehman.com

WFXU-TV

LIVE OAK, FLORIDA

20120821

EXHIBIT 49.1