GREG BEST
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AMENDMENT TO APPLICATION #0000203228

The purpose of this amendment is to identify a new location with different technical parameters for the proposed facility to the original application.

Sincerely,

Gregory L Best, PE

Consulting Engineer

KCUR/KWJC EMISSION MASK COMPLIANCE				2/3/23	Final Report			
KCUR	89.3							
KWJC	91.9							
COUPLER AT FUNDAMENTAL = 56.25 dB, couplling value at Harmonics is noted in "Coupler" Column.								
KCUR FORWARD		3.1	Measured Reference Level					
KCUR REFLECTED		-23.7	Measured Reflected Level					
KCUR Return Loss = 26.8 dB, VSWR = 1.096								
KWJC FORWARD		3.1						
KWJC REFLECTED		-13						
KWJC Return Loss = 16.1 dB, VSWR = 1.37								
Enable/disable KCUR & KWJC			No measurent of anyremnants of either station on spectrum analyzer					
Modulation = 1 kHz Tone stereo			Modulation = 100% = 75 kHz deviation					
BANDWIDTH	KCUR	KWJC	FCC LIMIT	Measured in 1 kHz RBW with spans indicated on screenshots				
120-240	-85	-70	-25 dB	SPAN = 500 kHz				
240-600	-85	-83	-35 dB	SPAN = 1 MHz				
>600	-85	-83	-73.5 dB	SPAN = 2 MHz				
HARMONICS		FCC LIMIT = 43 + 10*LOG(Pout)= 73.4 dB below unmodulated carrier						
UNMODULATED CARRIER REFERENCE				Spectrum Analyzer noise floor = -93. dBm				
	KCUR	COUPLER	NET	FCC LIMIT	KWJC	COUPLER	NET	FCC LIMIT
2ND	-68	50.4	-78	-73.4	-75	50.4	-85	-73.4
3RD	-68.4	47.1	-81.7	-73.4	-61	47.1	-74.3	-73.4
4TH	-93	44.6	-108.8	-73.4	-93	44.6	-108.8	-73.4
5TH	-93	42.8	-110.6	-73.4	-93	42.8	-110.6	-73.4
6TH	-93	41.1	-112.3	-73.4	-93	41.1	-112.3	-73.4
7TH	-93	39.7	-113.7	-73.4	-93	39.7	-113.7	-73.4
8TH	-93	38.3	-115.1	-73.4	-93	38.3	-115.1	-73.4
9TH	-93	37.5	-115.9	-73.4	-66	37.5	-88.9	-73.4
10TH	-93	36.3	-117.1	-73.4	-76	36.3	-100.1	-73.4
Net = 60.4-(KCUR/KWJC+COUPLER)								