

**GREG BEST
CONSULTING, INC.**

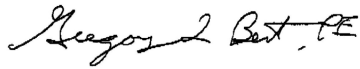
16100 Outlook Avenue
Stilwell, KS 66085
816-792-2913

May 10, 2023

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,

A handwritten signature in black ink that reads "Greg Best, P.E." with a stylized flourish at the end.

Consulting Engineer

KCUR/KWJC EMISSION MASK COMPLIANCE				2/3/23	Final Report			
KCUR	89.3							
KWJC	91.9							
COUPLER AT FUNDAMENTAL = 56.25 dB, coupling 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 measurement of any remnants 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 = $43 + 10 \cdot \log(P_{out}) = 73.4$ 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)								