

TABLE 3

PROPOSED WOKX NIGHTTIME RADIATED FIELDS TOWARD OTHER CRITICAL STATIONS

CCCCC	L	AAA	SSSSS	SSSSS	IIIII		CCCCC	L	AAA	SSSSS	SSSSS	AAA								
C	C	L	A	A	S	S	S	S	I	C	C	L	A	A	S	S	S	S	A	A
C		L	A	A	S		S		I	C		L	A	A	S		S		A	A
C		L	AAAAAAA	SSSSS	SSSSS		I	-----	C		L	AAAAAAA	SSSSS	SSSSS		I			AAAAAAA	
C		L	A	A		S		S	I	C		L	A	A		S		S	A	A
C	C	L	A	A	S	S	S	S	I	C	C	L	A	A	S	S	S	S	A	A
CCCCC	LLLLLLL	A	A	SSSSS	SSSSS		IIIII		CCCCC	LLLLLLL	A	A	SSSSS	SSSSS		A	A		A	A

Stations on 620 kHz and 1st adjacent channels will be listed.

There are no Class I stations and no Class A stations on 610 kHz.

There are 3 Class I and/or Class A stations on 620 kHz. The skywave service areas must be protected. Nonetheless, we will do the RSS at the antenna site to give you a feel for the situation

Freq	Call	File Number	Station Location		Domestic Class	Region 2 Class
1.	620 SYK-521	Operatin	SAO PAULO	BR	0A	A
2.	620 HJEL	Operatin	CALI 17	CO	0A	A
3.	620 YVNO	Operatin	CABIMAS	VE	0A	A

There are no Class I stations and no Class A stations on 630 kHz.

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*** Worksheet *** Worksheet *** Worksheet *** Worksheet *** Worksheet *** Worksheet *** Worksheet *** Worksheet *** Worksheet ***
Nighttime Limits From WKHB IRWIN PA N Lat 40 17 20 W Long 79 42 04 Date 27-JUL-01 MEI WRK Page 1
File No./ARN - IFRB Serial No. 620 kHz Standard Pattern
Comments: All radiations are in mV/m at 1 km PROPOSED NEW 250W, 4TWR - NO GRANDFATHERED INTERFERENCE

Limit to	WSNR	0	WSNR	0	WSNR	0	WWNR	0	CHRO	C	WDNC	0	WMTT	0	WRJZ	0	WHEN	0	WMAL	0
Station Class	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	
Prefix/Freq	BL / 620	BMP / 620	BP / 620	BL / 620	# 147/ 620	BL / 620	BL / 620	BL / 620	BL / 620	BL / 620	BL / 620	BL / 620	BL / 620	BL / 620	BP / 620	BL / 630	BL / 630	BL / 630	BL / 630	
arn		950710AA	990521AR		Operatin	801010AB	870529AF	791210AE	990713AB	850515AC										
Distance (km)	454.7	476.0	460.0	308.1	916.8	477.1	560.8	599.2	426.8	260.8										
Mid-Point Lat	40.6	40.6	40.6	39.0	44.4	38.2	39.3	38.2	41.7	39.7										
Bearing	81.1	81.4	79.1	206.0	352.2	172.1	248.9	218.4	41.9	122.1										
Radiation on Gnd	215.1	216.2	204.9	114.6	254.0	137.4	103.3	89.8	56.2	259.4										
Lower Angle	16.5	15.8	16.3	24.3	9.7	15.7	13.1	12.2	17.7	28.3										
Upper Angle	26.7	25.6	26.4	37.1	9.7	25.5	21.8	20.4	28.3	41.9										
Max Rad	190.5	193.5	182.0	96.2	243.6	127.9	94.9	87.0	48.0	186.1										
Skywave Field	124.	116.	122.	202.	73.1	122.	96.0	89.5	131.	235.										
Limit	4.71290	4.50135	4.42591	3.88500	3.56312	3.12312	1.82264	1.55712	1.25501	0.87617										

Limit to	WNTW	0	WIP	0	WDAE	0	CFRP	C	WMTJ	0	WJDX	0	WSLC	0	WZON	0	KMKI	0	WTVN	0
Station Class	D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B		D:0B/R2:B	
Prefix/Freq	BL / 610		BL / 610		BL / 620		# 148/ 620		BL / 620		BL / 620		BL / 610		BL / 620		BL / 620		BP / 610	
arn			861110AE		911118AA		Proposal		950222AD								951017AD		971126AF	
Distance (km)	175.3		393.2		1405.1		1251.2		746.2		1284.8		333.3		1025.3		1688.2		282.9	
Mid-Point Lat	39.7		40.1		34.1		44.6		41.6		36.5		38.8		42.7		37.1		39.9	
Bearing	133.3		95.4		191.8		38.6		293.9		230.1		185.2		56.9		247.7		254.8	
Radiation on Gnd	222.4		267.9		135.2		79.2		47.9		79.5		138.5		61.3		101.4		110.9	
Lower Angle	39.0		19.2		2.7		5.9		9.2		3.5		22.6		5.7		1.1		26.3	
Upper Angle	53.3		30.4		6.5		5.9		16.1		7.6		34.9		10.8		4.2		39.5	
Max Rad	123.7		227.4		134.8		77.8		45.3		79.3		117.0		60.4		101.4		75.9	
Skywave Field	319.		150.		25.2		42.1		58.2		27.7		186.		31.1		16.6		218.	
Limit	0.78831		0.68419		0.67859		0.65480		0.52655		0.43944		0.43573		0.37569		0.33705		0.33023	

Limit to	WTVN	0	WVMT	0
Station Class	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B	D:0B/R2:B
Prefix/Freq	BL / 610	BL / 620	BL / 620	BL / 620
arn	791010AJ	881229AE		
Distance (km)	282.4	710.8		
Mid-Point Lat	40.1	42.5		
Bearing	261.7	46.3		
Radiation on Gnd	114.9	28.4		
Lower Angle	26.4	9.8		
Upper Angle	39.6	17.0		
Max Rad	75.9	26.8		
Skywave Field	217.	59.9		
Limit	0.33019	0.32060		