

Night Allocation Protection Report

Call: WTIL
 Freq: 1300 kHz
 MAYAGUEZ, PR, US
 Hours: U
 Lat: 18-09-17 N
 Lng: 067-09-08 W
 Power: 1.0 kW
 Theo RMS: 299.6 mV/m @ 1km @ 1kW

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch	TL Swtch	A (deg)	B (deg)	C (deg)	D (deg)
1	1.000	0.0	0.0	0.0	80.9	0	0	0.0	0.0	0.0	0.0

Call Letters	Ct	St	City	SWFF (100uV/m)	Req Prot (mV/m)	Permis (mV/m)	Cur Rad (mV/m)	Margin (mV/m)
PJD2-A	NA	V	ST MAARTEN	54.34	2.966	272.92	268.40	4.52
50% = 2.966, 25% = 3.414; WTIL=2.97 HJOG-A=1.24 HIKQ-C=1.15								
WFFG	US	FL	MARATHON	26.87	2.474	460.53	299.51	161.02
50% = 7.307, 25% = 10.059; WKQK=4.43 WNQM=4.39 HJOG-A=3.81 WSYD=3.22 WLXG=3.00 WIBR=2.76 XE/A=2.75 WJNO=2.65 HJEA-A=2.47								
CMEL-D	CU		SANTA CLARA	12.36	1.256	508.00	298.37	209.63
50% = 2.512, 25% = 3.455; HJOG-A=1.74 WFFG=1.30 XE/A=1.26 WNQM=1.23 HRLH-A=1.11 XERB/A=1.04 WSYD=1.00 YNR-A=0.89								
WJZ	US	MD	BALTIMORE	9.75	1.030	527.94	299.63	228.31
50% = 2.898, 25% = 4.119; WJMO=1.71 WFBG=1.70 WOAD=1.61 WAVZ=1.36 WLXG=1.30 WKZN=1.25 WHIO=1.12 WFFG=1.07 KAKC=1.04								
HIKQ-C	DR	S	DOMINGO 1	70.98	8.311	585.47	237.51	347.97
50% = 4.608, 25% = 5.145; WTIL=3.40 HJOG-A=3.11 PJD2-A=2.29								
YVKH-B	VE		CARACAS 1	32.11	4.298	669.26	292.56	376.70
50% = 4.876, 25% = 5.903; HJOG-A=3.74 HJEA-A=3.13 HJNB-A=2.09 WTIL=1.92 PJD2-A=1.73								
WOAD	US	MS	JACKSON	9.25	1.261	681.94	299.63	382.31
50% = 3.174, 25% = 5.15; WDXI=2.31 WNQM=2.18 HJOG-A=1.43 WIBR=1.41 XEGA/A=1.39 XE/A=1.37 KCSF=1.36 XEKG/A=1.33 XEDG/A=1.32 KLLS=1.29 XEHU/A=1.26								
YVNS-B	VE		MARACAIBO 1	26.81	4.279	798.12	294.61	503.50
50% = 8.558, 25% = 9.08; HJOG-A=6.75 HJEA-A=5.26 HJNB-A=3.03								
WKQK	US	FL	COCOA BEACH	21.69	3.932	906.55	299.61	606.94
50% = 13.089, 25% = 15.73; WNQM=10.39 WFFG=7.96 WSYD=5.63 WLXG=4.87 WIBR=4.55								
WNQM	US	TN	NASHVILLE	8.58	2.135	1244.98	299.63	945.35
50% = 6.805, 25% = 8.542; WOAD=6.81 KAKC=3.30 WSYD=3.13 WOOD=2.45								
WJMO	US	OH	CLEVELAND	7.14	1.858	1301.02	299.63	1001.39
50% = 5.417, 25% = 7.431; WLXG=4.84 WOOD=2.43 WJZ=2.27 WXRL=2.22 WHIO=2.09 WOAD=2.00 WNQM=1.93 WKZN=1.92								