

Test date: 8/2/2006  
 Test Site: 6600 Congress Ave, Boca Raton, FL  
 Product: AMS 3030 hybrid floor max antenna with AMS 9040 Controller  
 Set-Up: 1 panel 7' cable, Is=15.5A, (0-peak)  
 Line In: 120vac 60hz  
 Duty Cycle: 0.144144  
 Test Distance 10  
 TX on time: 1.6  
 TX total time: 11.1 45Hz = 22.2msec  
 A d1 - A' d2 16.2 90Hz = 11.1msec  
 d2 / d1 2  
 20xP 6.02  
 P 2.69  
 DCF 1 -79.59  
 DCF 2 -25.71  
 File name:

d1 [m] 10  
 d2 [m] 20 phase  
 58 @ d1 65.6  
 58 @ d2 49.4  
 Measure fundamental at d1 and d2 to calculate rolloff - d2 is typically 2\*d1 [e.g. 10 / 20m]

Freq kHz	S.A. dBuV	Det	BW	Ant Fact dB	F Fact dB	DCCF dB	DCF dB	Pk Cor dBuV/m	Actual dBuV/m	FCC	Margin	
										Limit dBuV/m	Limit dB	
58(pwr-15%)	102 vac	65.01										
58(pwr+10%)	132 vac	66.16										
58	65.6	pk	9kHz	62.3		-16.82	-79.59	48.3	31.5	32.3	@300m	0.8
116	25.7	pk	9kHz	56.7	1.9	-16.82	-79.59	4.7	-12.1	26.3	@300m	38.4
174	41.9	pk	9kHz	53.2	0.8	-16.82	-79.59	16.3	-0.6	22.8	@300m	23.4
232	15.5	pk	9kHz	50.6	0.5	-16.82	-79.59	-13.0	-29.9	20.3	@300m	50.2
290	31.0	pk	9kHz	48.7	0.4	-16.82	-79.59	0.5	-16.3	18.4	@300m	34.7
348	10.8	pk	9kHz	47.3	0.4	-16.82	-79.59	-21.1	-37.9	16.8	@300m	54.7
406	22.9	pk	9kHz	46.1	0.4	-16.82	-79.59	-10.2	-27.0	15.4	@300m	42.4
464	5.6	pk	9kHz	45.2	0.2	-16.82	-79.59	-28.6	-45.5	14.3	@300m	59.8
522	15.9	qp	9kHz	44.4	0.2	-16.82	-25.71	34.8	18.0	33.3	@30m	15.3
580	9.5	qp	9kHz	43.6	0.2	-16.82	-25.71	27.6	10.7	32.3	@30m	21.6

