



F = 934.00 MHz K = 1.33, 0.67 %F1 = 60.0, 30.0

	Pahokee	Stuart Maint.
Latitude	26 50 08.41 N	27 09 39.20 N
Longitude	080 39 00.65 W	080 18 12.70 W
True azimuth (°)	43.60	223.75
Vertical angle (°)	-0.16	-0.18
Elevation (ft)	18.00	17.40
Tower height (ft)	299.90	450.00
Antenna model	PR-950 (TR)	PR-950 (TR)
Antenna gain (dBi)	18.00	18.00
Antenna height (ft)	341.80	378.09
TX line model	LMR 900	LMR 900
TX line length (ft)	350.00	350.00
TX loss (dB)	7.65	7.65
RX loss (dB)	7.65	7.65
Radio model	Aprisa FE	Aprisa FE
TX power (dBm)	32.00	32.00
EIRP (dBm)	42.35	42.35
Receive signal (dBm)	-73.37	-73.37
Thermal fade margin (dB)	28.63	28.63

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	Pahokee	Stuart Maint.
Effective fade margin (dB)	28.63	28.63
Annual 2 way multipath availability (%)	99.94329	
Annual 2 way multipath unavailability (sec)	17883.65	

Multipath fading method - Vigants - Barnett  
Rain fading method - Rec. ITU-R P.530-8/13 (R837-5)