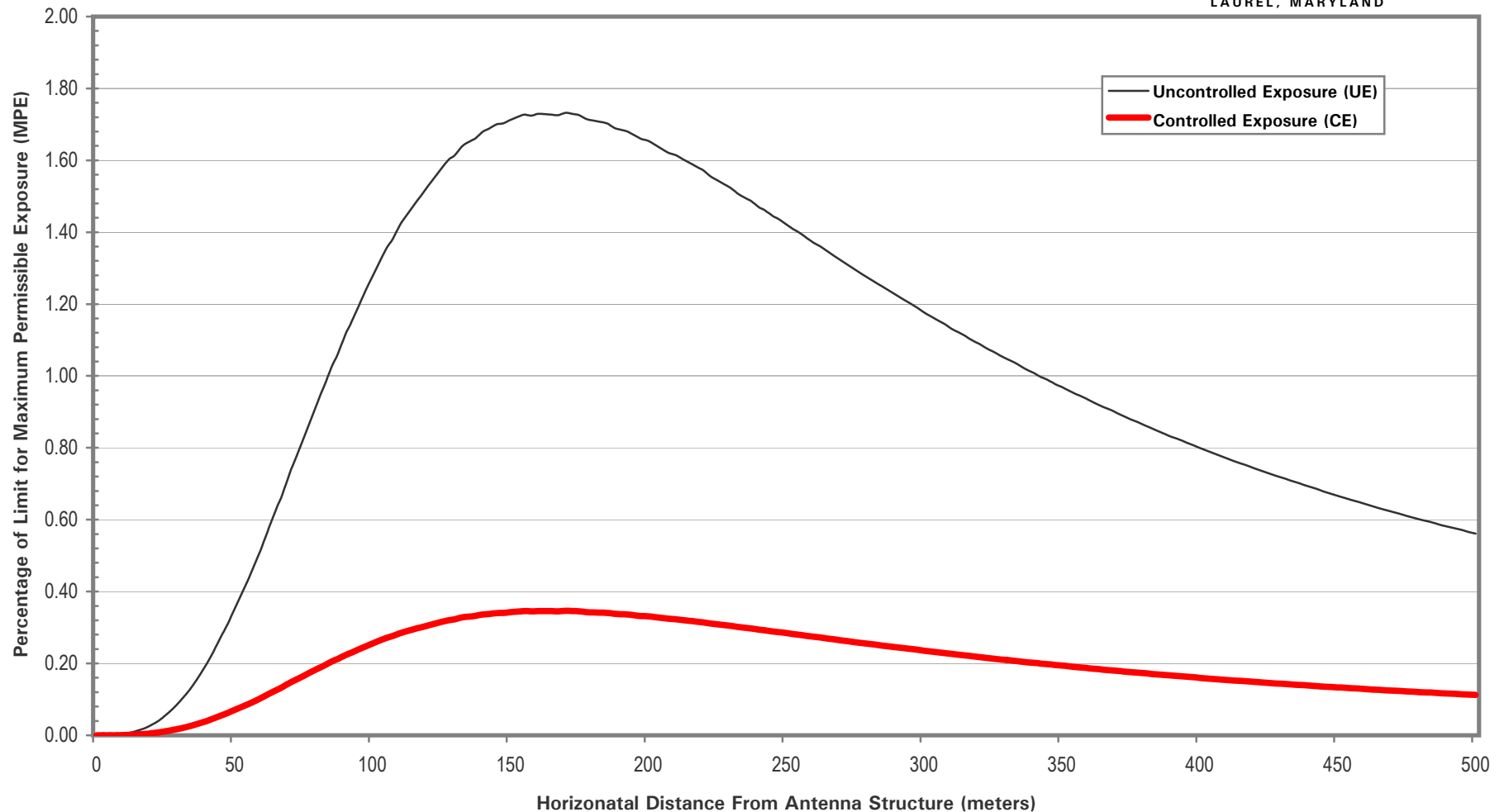


ESTIMATED GROUND LEVEL EXPOSURE
(FCC OET Bulletin 65, ed. 97-01, Prediction Methodology)



LOHNES AND CULVER
CONSULTING RADIO ENGINEERS
LAUREL, MARYLAND



STATION INFORMATION		ANTENNA TYPE		ANALYSIS PARAMETERS		MPE LIMITS ($\mu\text{W}/\text{cm}^2$)	
Call Sign:	NEW	Make & Model:	DIE THA-O4-1/4-1	FM antenna elements:		General / UE:	200
Location:	Seaford, DE	Vertical pattern / equivalent:	DIE_THA-O4-1/4-1	>> Element spacing(λ):		Occupational / CE:	1,000
Service:	DT	SITE DESCRIPTION		Total avg power (W):	10,000	COMPLIANCE SUMMARY	
Frequency(MHz):	VHF			Antenna RCAGL(m):	136.0		
(P)peak or (A)vg pwr:	A	Accessible to public:	Unknown	Exposure ht. AGL(m):	2	Peak power density ($\mu\text{W}/\text{cm}^2$):	3.46
ERP in Watts (H+V):	10,000	UE compliance shown:	Yes	Ground reflection factor:	2.56	>> Horizontal distance(m):	170.0
TV Aural ERP(%):		Grade (slope/meter):	0	Isotropic factor:	1.64	Percentage of UE limit:	1.73%
Azimuthal direction (°):	All			>> Resultant multiplier	33.41	Percentage of CE limit:	0.35%