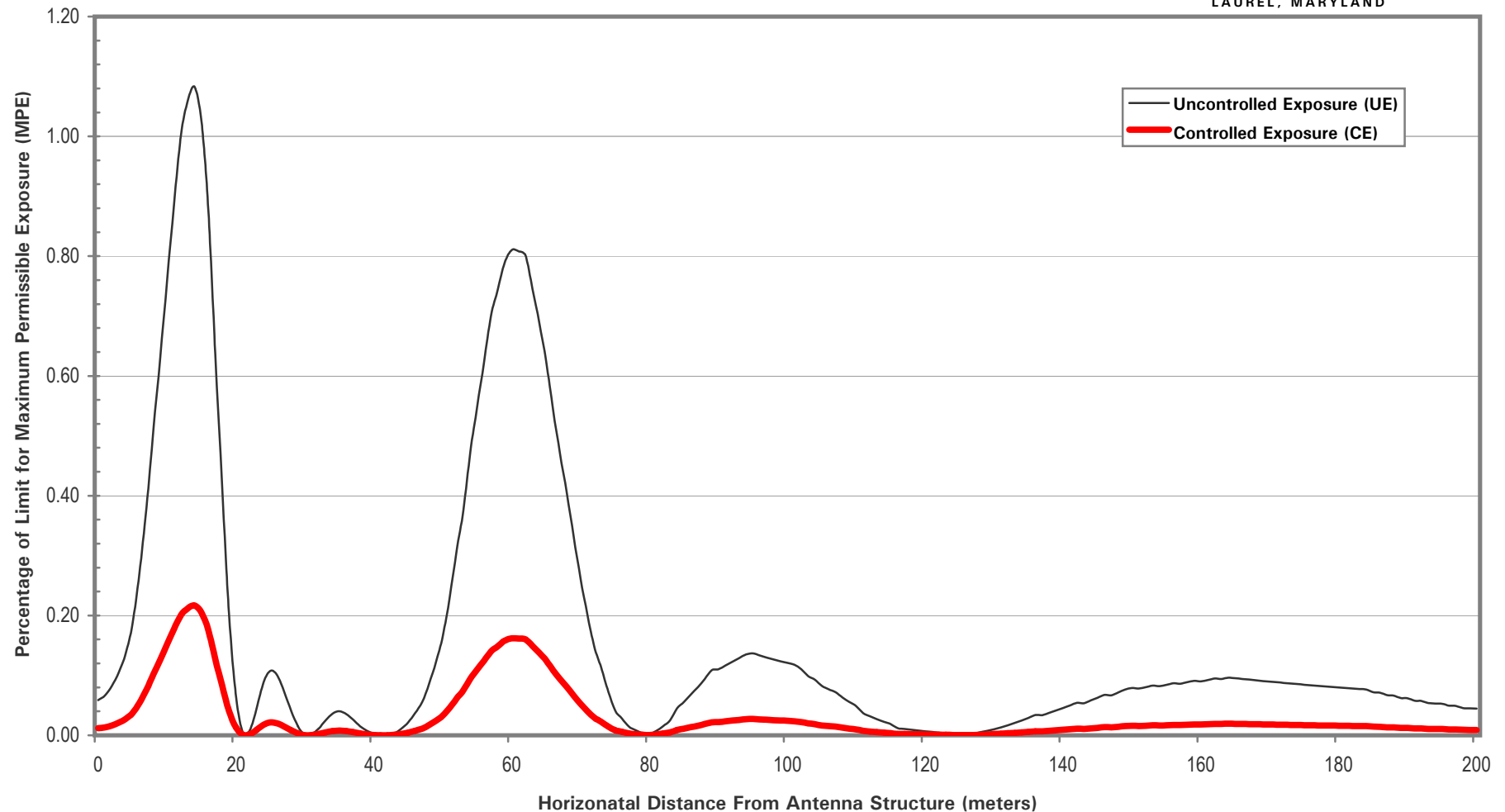


ESTIMATED GROUND LEVEL EXPOSURE
(FCC OET Bulletin 65, ed. 97-01, Prediction Methodology)



LOHNES AND CULVER
CONSULTING RADIO ENGINEERS
LAUREL, MARYLAND



STATION INFORMATION		ANTENNA TYPE		ANALYSIS PARAMETERS		LIMITS FOR MPE	
Call Sign:	K14MQ	Make & Model:	SCA 4X2K723147	FM antenna elements:		General UE ($\mu\text{W}/\text{cm}^2$):	313
Location:	Coos Bay, OR	Vertical pattern / equivalent:	KAT_4xK723147_30	>> Element spacing(λ):		Occupational CE ($\mu\text{W}/\text{cm}^2$):	1,567
Service:	LD	SITE DESCRIPTION		Total avg power (W):	4,820	GROUND LEVEL EXPOSURE	
Frequency(MHz):	470			Antenna RCAGL(m):	31.0		
(P)peak or (A)vg pwr:	A	Accessible to public:	No	Exposure ht. AGL(m):	2	Peak power density ($\mu\text{W}/\text{cm}^2$):	3.4
ERP in Watts (H+V):	4,820	Nearest unrestricted pt.(m):		Ground reflection factor:	2.56	>> Horizontal distance(m):	14.0
TV Aural ERP(%):		Plot Uncontrolled Exposure:	Yes	Isotropic factor:	1.64	Percentage of UE limit:	1.1%
Azimuthal direction (°):	All	Grade (change per meter):	0	>> Resultant multiplier	33.41	Percentage of CE limit:	0.2%