

EXHIBIT 12
Terrain and Contour Data

ROANOKE, VA NEW-T

N. Lat. = 37 22 25 W. Lng. = 79 55 34
HAAT and Distance to Contour - FCC Method - 03 Arc Sec.

AP226 , Calvary Chapel Of Twin Falls,, BNPFT20030310BIV

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	398.2	314.8	0.0100	-20.00	1.000	10.36
030	415.2	297.8	0.0100	-20.00	1.000	10.09
060	498.3	214.7	0.0100	-20.00	1.000	8.54
090	460.6	252.4	0.0100	-20.00	1.000	9.28
120	460.0	253.0	0.0100	-20.00	1.000	9.30
150	377.8	335.2	0.0100	-20.00	1.000	10.68
180	320.7	392.3	0.0100	-20.00	1.000	11.47
210	324.8	388.2	0.0100	-20.00	1.000	11.42
240	361.4	351.6	0.0100	-20.00	1.000	10.93
270	452.2	260.8	0.0100	-20.00	1.000	9.44
300	513.2	199.8	0.0100	-20.00	1.000	8.22
330	510.8	202.2	0.0100	-20.00	1.000	8.27

Ave El= 424.44 M HAAT= 288.56 M AMSL= 713 M