

N. Lat. = 425735.0 W. Lng. = 855345.0  
 HAAT and Distance to Contour,  
 FCC OET, TV 3.2 - 16.1, 130 pts - FCC 30 SEC

Grand Valley State University - Dielectric TF-8HS-H P200, Channel 11

Azi.	AV EL	HAAT	ERP kW	dBk	Field	DAng	VFI d	D-kW	%Max	D-dBk	36-F9	43-F9
000	204.0	258.3	41.5000	16.18	1.000	0.445	0.957	38.0459	95.7	16.18	101.64	89.11
010	210.3	252.0	39.1279	15.92	0.971	0.440	0.958	35.9122	95.8	15.92	100.86	88.35
020	216.1	246.2	32.8722	15.17	0.890	0.435	0.959	30.2029	95.9	15.17	99.14	86.68
030	216.0	246.3	24.6054	13.91	0.770	0.435	0.959	22.6067	95.9	13.91	96.92	84.41
040	214.2	248.1	16.8394	12.26	0.637	0.436	0.958	15.4664	95.8	12.26	94.12	81.54
050	216.1	246.2	11.3515	10.55	0.523	0.435	0.959	10.4296	95.9	10.55	90.96	78.33
060	220.1	242.2	8.8579	9.47	0.462	0.431	0.959	8.1447	95.9	9.47	88.78	76.10
070	215.5	246.8	8.8579	9.47	0.462	0.435	0.958	8.1377	95.8	9.47	89.06	76.37
080	217.0	245.3	9.8425	9.93	0.487	0.434	0.959	9.0447	95.9	9.93	89.80	77.14
090	212.5	249.8	10.3750	10.16	0.500	0.438	0.958	9.5261	95.8	10.16	90.46	77.82
100	199.3	263.0	9.8425	9.93	0.487	0.449	0.957	9.0157	95.7	9.93	90.65	78.11
110	191.1	271.2	8.8579	9.47	0.462	0.456	0.956	8.1021	95.6	9.47	90.14	77.70
120	189.6	272.7	8.8579	9.47	0.462	0.457	0.956	8.1000	95.6	9.47	90.19	77.77
130	197.3	265.0	11.3515	10.55	0.523	0.451	0.957	10.3942	95.7	10.55	91.84	79.33
140	205.1	257.2	16.8394	12.26	0.637	0.444	0.958	15.4409	95.8	12.26	94.58	82.01
150	210.3	252.0	24.6054	13.91	0.770	0.440	0.958	22.5831	95.8	13.91	97.24	84.72
160	213.1	249.2	32.8722	15.17	0.890	0.437	0.958	30.1863	95.8	15.17	99.32	86.84
170	210.9	251.4	39.1279	15.92	0.971	0.439	0.958	35.9159	95.8	15.92	100.82	88.33
180	208.3	254.0	41.5000	16.18	1.000	0.441	0.958	38.0754	95.8	16.18	101.43	88.91
190	207.8	254.5	39.1279	15.92	0.971	0.442	0.958	35.8958	95.8	15.92	100.99	88.48
200	201.8	260.5	32.8722	15.17	0.890	0.447	0.957	30.1245	95.7	15.17	99.89	87.38
210	203.6	258.7	24.6054	13.91	0.770	0.446	0.957	22.5558	95.7	13.91	97.55	85.04
220	200.0	262.3	16.8394	12.26	0.637	0.449	0.957	15.4268	95.7	12.26	94.79	82.25
230	200.0	262.3	11.3515	10.55	0.523	0.449	0.957	10.3992	95.7	10.55	91.73	79.19
240	196.2	266.1	8.8579	9.47	0.462	0.452	0.957	8.1094	95.7	9.47	89.95	77.43
250	191.6	270.7	8.8579	9.47	0.462	0.456	0.956	8.1028	95.6	9.47	90.12	77.67
260	190.5	271.8	9.8425	9.93	0.487	0.457	0.956	9.0016	95.6	9.93	90.98	78.56
270	190.5	271.8	10.3750	10.16	0.500	0.457	0.956	9.4887	95.6	10.16	91.39	78.97
280	189.4	272.9	9.8425	9.93	0.487	0.458	0.956	8.9999	95.6	9.93	91.02	78.61
290	191.1	271.2	8.8579	9.47	0.462	0.456	0.956	8.1021	95.6	9.47	90.14	77.70
300	186.3	276.0	8.8579	9.47	0.462	0.460	0.956	8.0952	95.6	9.47	90.32	77.95
310	192.8	269.5	11.3515	10.55	0.523	0.455	0.957	10.3860	95.7	10.55	92.00	79.55
320	191.1	271.2	16.8394	12.26	0.637	0.456	0.956	15.4024	95.6	12.26	95.11	82.66
330	194.4	267.9	24.6054	13.91	0.770	0.453	0.957	22.5190	95.7	13.91	97.91	85.44
340	195.7	266.6	32.8722	15.17	0.890	0.452	0.957	30.0918	95.7	15.17	100.14	87.63
350	198.2	264.1	39.1279	15.92	0.971	0.450	0.957	35.8338	95.7	15.92	101.43	88.89

Ave EI = 202.43 M HAAT= 259.87 M AMSL= 462.3 M