

RADIOTECHNIQUES

402 Tenth Avenue • PO Box 367 • Haddon Heights, NJ 08035

Engineering Report - Night Permissible Fields

Exhibit 18 Figure 2

WGMM Tunkhannock, PA – Proposed 0.086 W ND

December 2022

SITE INFO

37.8	CKRB	792.421	B		691.1	55.3	37.8	91.8	14.7	14.7	87.1	0.103981	1.811	32.959	40.227
55.9	WOPG	69.9 *	B		293.0	53.5	55.9	91.8	33.4	47.7	69.7	0.268063	3.737	7.211	8.633
57.3	WLAM	969.310	B		578.5	54.3	57.3	91.8	13.6	22.5	87.7	0.089531	0.157	4.929	6.943
74.9	WAZN	1089.411	B		451.2	53.5	74.9	91.8	18.7	29.7	84.3	0.138501	0.233	11.293	12.071
89.2	WBOM	650.514	B		330.8	53.0	89.2	91.8	28.0	41.6	75.6	0.225920	0.342	9.352	11.757
148.6	WIFI	259.6 *	B		277.3	52.2	148.6	91.8	36.4	50.8	66.2	0.296340	3.922	39.387	42.286
153.5		39330.856	B		5288.0	31.2	153.5	91.8	0.0	0.0	91.8	0.000413	0.008	6.500	6.500
156.8	WRRE	2866.573	B		2773.4	41.5	156.8	91.8	0.0	0.0	91.8	0.007969	0.146	15.331	18.276
157.4		47640.480	B		7960.5	19.1	157.4	91.8	0.0	0.0	91.8	0.000192	0.004	3.661	5.578
157.8	WKUM	22817.824	B		2752.8	41.5	157.8	91.8	0.0	0.0	91.8	0.008085	0.015	13.368	14.759
157.9	WCPR	44549.850	B		2771.7	41.4	157.9	91.8	0.0	0.0	91.8	0.007996	0.015	26.449	28.497
158.3	WSAN	144.960	B		228.6	52.5	158.3	91.8	52.2	64.9	46.2	0.388771	0.359	3.304	4.508
158.7	ZYJ2	40109.898	B		7634.7	20.4	158.7	91.8	0.0	0.0	91.8	0.000208	0.004	3.344	4.974
159.0	WLRP	2848.917	B		2725.4	41.5	159.0	91.8	0.0	0.0	91.8	0.008238	0.151	14.700	18.776
165.1	CX14	42060.014	B		8595.2	15.3	165.1	91.8	0.0	0.0	91.8	0.000170	0.003	2.860	4.223
167.1		226.107	A		2283.0	349.7	167.1	0.0	0.0	0.0	0.0	0.011057	0.025	0.000	0.000
174.3	CA 1	34566.528	B		7255.8	20.5	174.3	91.8	0.0	0.0	91.8	0.000245	0.004	3.383	3.618
176.6	CD 1	48076.923	B		10562.6	5.6	176.6	91.8	0.0	0.0	91.8	0.000130	0.002	2.500	2.500
181.8	WKHZ	306.785	B		369.4	51.6	181.8	91.8	24.2	36.9	79.5	0.196482	3.125	43.558	48.222
184.2	HCC1	99999.000	B		4933.2	30.8	184.2	91.8	0.0	0.0	91.8	0.000474	0.009	10.094	11.240
185.0	HCC1	99999.000	B		5122.1	30.0	185.0	91.8	0.0	0.0	91.8	0.000446	0.008	9.028	10.525
194.2	WWNN	11161.641	B		1765.4	45.2	194.2	91.8	0.7	3.8	91.8	0.016947	0.031	13.401	15.132
195.8	TILX	23976.096	B		3576.8	37.2	195.8	91.8	0.0	0.0	91.8	0.000957	0.018	9.181	10.064
201.2	YNRV	14849.593	B		3414.7	38.3	201.2	91.8	0.0	0.0	91.8	0.001064	0.020	6.319	7.370
202.3	WTTR	492.254	B		310.9	52.0	202.3	91.8	30.6	44.6	72.9	0.252058	0.367	9.552	9.926
203.3	WKDV	119.2 *	B		393.7	51.5	203.3	91.8	22.2	34.4	81.3	0.178669	2.905	13.623	16.720
203.4	WEWO	513.405	B		838.8	49.5	203.4	91.8	8.2	14.5	90.3	0.055923	1.010	21.391	22.969
203.5	WMGG	13035.724	B		1631.3	46.1	203.5	91.8	1.4	4.7	91.8	0.019091	0.035	18.017	19.909
203.5	HRQX	20758.107	B		3231.3	39.2	203.5	91.8	0.0	0.0	91.8	0.001135	0.021	9.424	10.990
204.4	WQOP	466.589	B		1366.9	47.3	204.4	91.8	3.0	7.0	91.6	0.025443	0.466	7.723	9.497
208.6	WCLA	13696.442	B		1186.6	48.2	208.6	91.8	4.4	8.9	91.4	0.031873	0.058	33.322	34.924
208.6	XECP	9702.551	B		2707.4	41.8	208.6	91.8	0.0	0.0	91.8	0.004645	0.085	18.028	22.677
210.0	TGRN	14267.245	B		3052.5	40.5	210.0	91.8	0.0	0.0	91.8	0.001384	0.025	7.899	10.495
210.5	WTKT	71.4 *	B		257.0	52.3	210.5	91.8	41.4	55.6	60.1	0.330176	3.966	9.252	11.459
210.8	WWBG	966.632	B		720.0	50.2	210.8	91.8	10.2	17.5	89.5	0.070882	0.127	4.087	5.481
215.0	WBCU	394.226	B		930.4	49.5	215.0	91.8	7.0	12.7	90.7	0.046927	0.852	12.486	14.800
215.3	XEUJ	11462.148	B		2966.2	41.3	215.3	91.8	0.0	0.0	91.8	0.003713	0.068	17.023	24.293
221.0	WHTY	567.068	B		1304.7	48.3	221.0	91.8	3.5	7.6	91.5	0.026767	0.490	9.413	12.143
222.1	XEKC	18163.564	B		3371.6	40.5	222.1	91.8	0.0	0.0	91.8	0.002756	0.051	20.021	26.640
222.2	XEKC	18263.444	B		3372.6	40.5	222.2	91.8	0.0	0.0	91.8	0.002754	0.051	20.117	26.732
222.9	WXEM	567.544	B		1103.0	49.1	222.9	91.8	5.1	10.0	91.2	0.035189	0.642	14.123	15.977
225.2	XEJH	13062.253	B		3153.4	41.8	225.2	91.8	0.0	0.0	91.8	0.003103	0.057	16.215	22.587
225.2	XEJH	13087.698	B		3154.0	41.8	225.2	91.8	0.0	0.0	91.8	0.003100	0.057	16.230	22.597
225.4	XEJH	12891.656	B		3149.8	41.8	225.4	91.8	0.0	0.0	91.8	0.003122	0.057	16.097	22.497
226.8	XEGR	34491.497	B		3567.8	40.4	226.8	91.8	0.0	0.0	91.8	0.002417	0.044	33.351	33.351
227.8	WRGA	4239.147	B		1156.6	49.2	227.8	91.8	4.6	9.3	91.3	0.032232	0.059	8.919	10.931
230.3	XEOL	10656.541	B		2968.2	43.1	230.3	91.8	0.0	0.0	91.8	0.003707	0.068	15.801	20.945
230.6	XERT	14299.644	B		3310.8	42.0	230.6	91.8	0.0	0.0	91.8	0.002878	0.053	16.462	21.927
230.9	XELX	14601.192	B		3344.1	41.9	230.9	91.8	0.0	0.0	91.8	0.002811	0.052	16.419	21.817
232.8	WXOK	819.255	B		1852.4	47.3	232.8	91.8	0.3	3.2	91.8	0.014370	0.264	7.904	9.418

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232.8	WMCJ	566.484	B		1274.3	49.2	232.8	91.8	3.7	7.9	91.5	0.027088	0.496	8.309	12.276
234.9	XEXQ	14105.344	B		3183.2	43.1	234.9	91.8	0.0	0.0	91.8	0.002953	0.054	16.662	22.971
235.0	XEHE	25519.979	B		3421.2	42.3	235.0	91.8	0.0	0.0	91.8	0.002660	0.049	27.151	29.602
236.5	KLCL	10207.099	B		2004.8	47.2	236.5	91.8	0.0	2.3	91.8	0.012355	0.023	7.579	10.089
239.4	XE00	21235.103	B		3506.1	42.8	239.4	91.8	0.0	0.0	91.8	0.002510	0.046	21.324	23.727
239.7	WNAU	6173.318	B		1398.4	49.3	239.7	91.8	2.8	6.7	91.6	0.022651	0.042	9.506	11.187
241.0	WVOL	3732.347	B		1126.0	50.2	241.0	91.8	4.9	9.7	91.3	0.032676	0.060	8.850	9.757
242.6	XE	13082.174	B		3222.9	44.3	242.6	91.8	0.0	0.0	91.8	0.002846	0.052	14.892	18.809
244.0	KTKC	902.457	B		1823.3	48.6	244.0	91.8	0.5	3.4	91.8	0.014020	0.257	8.631	10.122
244.3	KCWM	2085.620	B		2493.1	46.7	244.3	91.8	0.0	0.0	91.8	0.008095	0.149	9.504	13.507
244.5	XEPD	6488.213	B		2756.7	46.0	244.5	91.8	0.0	0.0	91.8	0.004447	0.082	11.540	16.063
247.8	XE	9497.718	B		3086.2	45.7	247.8	91.8	0.0	0.0	91.8	0.003391	0.062	12.881	16.068
248.9	KCLE	1507.143	B		2139.3	48.4	248.9	91.8	0.0	1.6	91.8	0.010255	0.188	8.635	12.364
253.9	XEHX	10471.554	B		3457.5	45.9	253.9	91.8	0.0	0.0	91.8	0.002596	0.048	10.873	14.735
254.1	XEHX	10495.153	B		3453.2	46.0	254.1	91.8	0.0	0.0	91.8	0.002603	0.048	10.930	14.742
254.4	WMBA	93.859	B		421.5	52.4	254.4	91.8	20.4	31.9	82.9	0.158180	2.623	8.610	11.877
255.2	WBNS	115.991	B		642.7	52.1	255.2	91.8	11.9	20.0	88.7	0.081105	1.438	5.030	7.526
257.0	KBZO	2840.537	B		2443.4	48.9	257.0	91.8	0.0	0.1	91.8	0.007532	0.138	14.971	17.117
257.8	XEYC	5151.452	B		2918.9	48.0	257.8	91.8	0.0	0.0	91.8	0.003856	0.071	7.945	11.679
257.8	XEYC	5151.452	B		2918.9	48.0	257.8	91.8	0.0	0.0	91.8	0.003856	0.071	7.945	11.679
257.9	XEYC	5168.849	B		2920.3	48.0	257.9	91.8	0.0	0.0	91.8	0.003852	0.071	7.963	11.671
258.5	XEAR	11539.783	B		3259.7	47.4	258.5	91.8	0.0	0.0	91.8	0.002864	0.053	13.221	14.867
260.9	KHOJ	394.216	B		1282.1	51.5	260.9	91.8	3.6	7.8	91.5	0.024195	0.443	6.657	7.631
265.4	WLOA	616.649	B		431.1	52.7	265.4	91.8	19.8	31.2	83.4	0.151673	0.253	6.612	7.482
269.0	WMBD	1802.357	B		1158.5	52.4	269.0	91.8	4.6	9.3	91.3	0.028101	0.051	2.722	4.052
271.3	KTYM	4166.561	B		3784.4	49.5	271.3	91.8	0.0	0.0	91.8	0.002640	0.048	7.121	8.801
272.1	KUTY	99999.000	B		3724.0	49.8	272.1	91.8	0.0	0.0	91.8	0.002671	0.005	38.753	38.753
272.3	KUTY	99999.000	B		3735.6	49.8	272.3	91.8	0.0	0.0	91.8	0.002644	0.005	38.167	38.167
272.5	KZNT	2481.292	B		2459.0	51.6	272.5	91.8	0.0	0.0	91.8	0.006159	0.113	8.585	12.227
273.0	KENO	2998.054	B		3421.5	50.5	273.0	91.8	0.0	0.0	91.8	0.003096	0.057	5.132	7.425
273.5	WKAM	328.356	B		842.9	52.9	273.5	91.8	8.1	14.4	90.3	0.049320	0.891	10.968	12.956
274.3	WABQ	136.552	B		481.4	53.0	274.3	91.8	17.2	27.6	85.4	0.126582	2.161	11.433	13.828
276.2	KXNO	332.384	B		1471.6	52.9	276.2	91.8	2.4	6.0	91.7	0.016982	0.311	2.986	4.516
277.5	KION	2970.798	B		3929.2	51.0	277.5	91.8	0.0	0.0	91.8	0.002086	0.038	3.175	4.959
280.5	KIID	99999.000	B		3844.7	52.0	280.5	91.8	0.0	0.0	91.8	0.001998	0.004	13.645	14.727
282.4	WPON	358.662	B		666.5	53.4	282.4	91.8	11.3	19.2	89.0	0.072931	1.298	16.820	20.926
283.1	KKTY	11595.684	B		2424.4	53.6	283.1	91.8	0.0	0.2	91.8	0.005338	0.010	4.561	4.952
283.2	WJTI	888.495	B		1024.1	53.6	283.2	91.8	5.9	11.1	91.0	0.033292	0.606	20.699	23.664
284.2	KCNR	4832.280	B		3850.1	53.0	284.2	91.8	0.0	0.0	91.8	0.001764	0.032	6.610	6.817
285.4	WIBD	13002.527	B		1038.7	53.8	285.4	91.8	5.7	10.9	91.1	0.032085	0.058	31.572	33.375
286.5	WFNT	1295.885	B		680.1	53.6	286.5	91.8	11.0	18.7	89.1	0.069859	0.125	5.484	7.242
289.9	KDMA	1389.485	B		1652.6	54.6	289.9	91.8	1.3	4.6	91.8	0.011742	0.216	12.589	13.052
289.9	WBRN	685.398	B		836.3	53.9	289.9	91.8	8.2	14.6	90.3	0.047679	0.861	25.206	26.143
291.4	KMNQ	20554.355	B		1472.3	54.6	291.4	91.8	2.3	6.0	91.7	0.014991	0.027	22.709	24.651
294.3	KUTI	3128.684	B		3554.5	56.1	294.3	91.8	0.0	0.0	91.8	0.001455	0.027	2.787	3.642
294.5	KLTC	1214.770	B		2216.8	55.6	294.5	91.8	0.0	1.2	91.8	0.005362	0.098	4.968	5.211
295.0	KELA	99999.000	B		3741.4	56.2	295.0	91.8	0.0	0.0	91.8	0.001217	0.002	5.558	6.770
295.2	KBSN	99999.000	B		3460.0	56.3	295.2	91.8	0.0	0.0	91.8	0.001516	0.003	11.167	11.167
296.7	KARR	38831.498	B		3668.0	56.7	296.7	91.8	0.0	0.0	91.8	0.001194	0.022	37.078	37.078
301.3	NEW	1742.443	B		2822.2	57.4	301.3	91.8	0.0	0.0	91.8	0.004192	0.077	2.922	4.057
302.8	CJOY	256.266	B		456.5	53.9	302.8	91.8	24.1	24.1	79.6	0.141186	2.247	14.472	16.396
302.8	CJOY	256.266	B		456.5	53.9	302.8	91.8	24.1	24.1	79.6	0.141186	2.247	14.472	16.396
319.4	KLAM	99999.000	B		5028.0	65.0	319.4	91.8	0.0	0.0	91.8	0.000246	0.000	2.500	2.500

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Exhibit 18 Figure 2

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SITE INFO

321.3	WHIC 97.9 *	B	 296.0	53.7	321.3	91.8	32.9	47.1	70.3	0.263257	3.700	8.410	10.216
335.8	WNYY 363.612	B	224.1	53.4	335.8	91.8	54.7	66.8	43.0	0.395829	0.340	11.514	11.514

Note:

WGMM licensed facility enters WOPG 50% NIF with a field of 69.9 mV/m @ 1 km
 WGMM licensed facility enters WIFI 50% NIF with a field of 259.6 mV/m @ 1 km
 WGMM licensed facility enters WKDV 25% NIF with a field of 119.2 mV/m @ 1 km
 WGMM licensed facility enters WTKT 50% NIF with a field of 71.4 mV/m @ 1 km
 WGMM licensed facility enters WHIC 50% NIF with a field of 97.9 mV/m @ 1 km.