

WPET-AM

Exhibit 15-1

Site to Site RSS Calculations

WPET Licensed

Point: WORD Frequency: 950 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (nW/m)	SW Mlt. (uV/m)	IF Level (nW/m)	RSS (nW/m)
WWJ	790.5	171.7	8.5	259.2	58.509	3.0328	3.0328
WPET-L	230.9	239.9	31.4	49.3	268.723	2.6469	4.0254
KPRC	1372.2	61.8	2.9	468.4	27.382	2.5653	4.7733
WPEN	815.1	227.2	8.2	200.8	56.783	2.2804	5.2901
WFIR *	312.1	216.3	35.9	551.5	204.506	2.2559	5.7510
WTS	379.9	183.8	19.9	63.4	164.798	2.0899	6.1190
KWOS	988.8	110.4	6.1	240.4	42.904	2.0627	6.4573
WNTD	884.9	145.0	13.1	184.4	49.209	1.8144	6.7074
KKFN	2091.2	97.8	.0	769.3	10.679	1.6431	
CKBB	1055.3	191.5	5.4	213.6	34.673	1.4810	
HCBZ1	3926.1	355.0	.0	978.6	6.469	1.2660	
KFSA	1134.3	88.9	9.3	167.4	35.526	1.1897	

* - indicates an adjacent channel station.

WPET Proposed

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Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (nW/m)	SW Mlt. (uV/m)	IF Level (nW/m)	RSS (nW/m)
WWJ	790.5	171.7	8.5	259.2	58.509	3.0328	3.0328
WPET-A	232.5	239.4	31.2	49.1	267.308	2.6267	4.0122
KPRC	1372.2	61.8	2.9	468.4	27.382	2.5653	4.7622
WPEN	815.1	227.2	8.2	200.8	56.783	2.2804	5.2800
WFIR *	312.1	216.3	35.9	551.5	204.506	2.2559	5.7418
WTS	379.9	183.8	19.9	63.4	164.798	2.0899	6.1103
KWOS	988.8	110.4	6.1	240.4	42.904	2.0627	6.4490
WNTD	884.9	145.0	13.1	184.4	49.209	1.8144	6.6994
KKFN	2091.2	97.8	.0	769.3	10.679	1.6431	
CKBB	1055.3	191.5	5.4	213.6	34.673	1.4810	
HCBZ1	3926.1	355.0	.0	978.6	6.469	1.2660	
KFSA	1134.3	88.9	9.3	167.4	35.526	1.1897	

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Point: WTS Frequency: 950 kHz

Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (nW/m)	SW Mlt. (uV/m)	IF Level (nW/m)	RSS (nW/m)
WORD	379.9	3.6	19.9	166.8	164.798	5.4991	5.4991
WWJ	424.1	161.7	28.4	161.2	137.254	4.4241	7.0578
WFIR *	198.9	309.8	42.1	502.2	297.700	2.9899	7.6650
WNTD	614.4	124.1	11.8	155.2	82.862	2.5719	8.0850
WPET-L	311.5	327.5	24.1	61.7	203.411	2.5101	8.4657
KPRC	1568.6	49.0	1.7	540.9	20.887	2.2593	8.8354
CKBB	679.1	195.1	10.4	158.7	67.789	2.1519	
WPEN	575.2	252.0	12.8	112.9	92.222	2.0827	
CBM *	1038.4	224.0	5.6	2636.7	31.788	1.6763	
KKFN	2003.7	87.3	.0	761.1	10.630	1.6181	

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Station Call	Distance (km)	Bearing (degs.)	Theta (degs.)	Radiation (nW/m)	SW Mlt. (uV/m)	IF Level (nW/m)	RSS (nW/m)
WORD	379.9	3.6	19.9	166.8	164.798	5.4991	5.4991
WWJ	424.1	161.7	28.4	161.2	137.254	4.4241	7.0578
WFIR *	198.9	309.8	42.1	502.2	297.700	2.9899	7.6650
WNTD	614.4	124.1	11.8	155.2	82.862	2.5719	8.0850
KPRC	1568.6	49.0	1.7	540.9	20.887	2.2593	8.3947
WPET-A	309.4	24.2	24.2	53.0	204.781	2.1707	8.6708
CKBB	679.1	195.1	10.4	158.7	67.789	2.1519	
WPEN	575.2	252.0	12.8	112.9	92.222	2.0827	
CBM *	1038.4	224.0	5.6	2636.7	31.788	1.6763	
KKFN	2003.7	87.3	.0	761.1	10.630	1.6181	

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Hatfield & Dawson Consulting Engineers