

Call ...	Auth [reg]	St Co	Latitude Power(kW)	Longitude	GC Dist [km]	Bear. [°T]	GM MFL [Deg]	B Min [Deg]	θ Max [Deg]	SMP (uV/m)	50% Excl Limit	25% Excl Limit	Req'd Prot.	Permissible Rad. (mV/m)
KJAZ	Lic. 1260	CA US	34-14-58 5.00	116-27-15	4049.0	273.0	49.7	0.0	0.0	2.050	7.764	8.106	20.264	49,423.8
RSS Contributors: K01T=7.764; KVSF=2.328														
KJAZ	CP 1260	CA US	34-14-57 7.50	116-27-14	4049.0	273.0	49.7	0.0	0.0	2.350	7.764	8.106	20.264	49,423.8
RSS Contributors: K01T=7.764; KVSF=2.328														
K01T	Lic. 1260	CA US	37-42-59 1.80	122-23-38	4212.0	280.5	52.4	0.0	0.0	1.492	3.974	4.882	12.205	40,501.5
RSS Contributors: KB22=3.974; KJJB=1.572; KVSF=1.482; XJAZ=1.316; KLY=1.283														
WARC	Lic. 1260	DC US	38-59-59 5.00	77-03-27	508.5	228.8	52.0	14.7	24.0	106.081	4.570	6.024	15.359	709.8
RSS Contributors: Conaree=3.613; WEA=2.797; WARR=2.042; WCBC=1.613; WBJD=1.734; WRJE=1.612; WNSS=1.563														
WSJA	Lic. 1260	FL US	25-45-23 5.00	80-25-17	1950.0	203.9	48.4	0.0	2.6	13.835	9.638	13.173	32.933	11,902.1
RSS Contributors: Conaree=7.875; WBJE=5.557; WBRD=4.589; KTF=3.610; WDAE=3.514; WXYT=3.467; YVR=3.406; HJMI=3.252														
WJYD	Lic. 1260	FL US	29-38-23 0.500	81-38-26	1603.4	213.1	47.3	1.5	4.9	18.654	12.542	17.577	44.941	12,045.9
RSS Contributors: WJDE=9.030; WSJA=6.515; WXYT=5.986; Conaree=5.852; WSDZ=5.737; WWC=5.420; KTF=4.871; WXXR=4.756; WMLS=4.511														
WSDZ	Lic. 1260	IL US	39-27-28 5.00	89-57-43	1521.9	260.4	51.8	2.0	5.5	16.724	5.722	6.139	15.348	4588.6
RSS Contributors: WJDE=4.388; WBSF=3.671; Conaree=2.225														
WSDZ	CP 1260	IL US	39-27-30 5.00	89-57-40	1521.8	260.4	51.8	2.0	5.5	16.725	5.722	6.139	15.348	4588.3
RSS Contributors: WJDE=4.388; WBSF=3.671; Conaree=2.225														
WJDE	Lic. 1260	IL US	39-51-54 5.00	86-03-43	1153.2	262.1	52.4	4.5	9.1	27.440	1.354	4.196	10.190	1856.8
RSS Contributors: Conaree=2.419; WJMK=1.761; WSDZ=1.516; WBSF=1.193; WJQ=1.162; WXYT=1.140; WRRN=1.117; YVR=1.013														
WJMK	Lic. 1260	MA US	42-16-28 5.00	71-02-33	132.2	80.9	53.7	47.1	60.7	358.164	5.370	5.716	14.289	199.5
RSS Contributors: Conaree=3.222; WBSF=3.073; WTS=3.002; WJDE=1.958														
WJQ	Lic. 1260	MA US	42-43-56 1.00	86-06-06	1106.9	278.2	53.9	4.9	9.6	27.376	24.271	32.077	60.193	54,673.3
RSS Contributors: WJDE=29.271; WSDZ=13.120														
WJQX	Lic. 1260	MA US	47-47-20 0.500	96-35-40	1979.7	295.8	56.6	0.0	2.3	6.271	5.210	7.443	18.730	14,933.8
RSS Contributors: WJDE=4.501; WJQ=2.624; KTF=2.528; WSDZ=2.312; WMA=2.179; WJMK=2.161; WNSS=2.025; WWC=1.934														
K11F	Lic. 1260	MO US	37-15-51 5.00	93-19-04	1844.7	259.9	51.2	0.3	3.2	11.719	3.442	4.513	11.280	4812.7
RSS Contributors: KVSF=2.201; Conaree=2.058; WSJA=1.667; WJDE=1.487; WMA=1.363; WSDZ=1.251; KLD5=1.213; XEOL=1.193														
WBUD	Lic. 1260	NJ US	40-15-55 2.50	74-45-27	270.6	271.9	52.6	27.4	40.8	221.736	7.074	9.125	22.613	514.4
RSS Contributors: WNSS=6.000; WJNR=3.734; Conaree=3.502; WJMK=2.943; WEA=2.529; WARC=2.432														
KVSF	Lic. 1260	NY US	35-40-50 1.00	105-58-21	2957.1	257.2	50.7	0.0	0.0	4.328	3.319	4.655	11.637	13,443.9
RSS Contributors: XFOG=2.196; K01T=1.784; WEA=1.734; XEMU=1.547; CFRN=1.287; KPCW=1.274; XEMF=1.257; Conaree=1.255; KLD5=1.250														
WBYR	Lic. 1260	NY US	41-29-32 0.389	73-58-43	130.6	239.4	53.3	47.5	61.0	362.110	8.217	9.355	23.387	322.9
RSS Contributors: WNSS=5.073; WJMK=4.882; WBJD=4.237; Conaree=3.232; WARC=3.090														
WNSS	Lic. 1260	NY US	43-01-32 5.00	76-03-55	239.6	291.								

PERMISSIBLE AM NIGHTTIME RADIATION

STATION: <u>WSPH</u> FREQUENCY: <u>1270</u> LOCATION: <u>Springfield, MA</u> LATITUDE: <u>42-05-55</u> LONGITUDE: <u>72-37-45</u> DATE: <u>02-06</u>															
Call	Auth	St	Latitude	Longitude	OC Dist	Bear.	GM MFL	B Min	B Max	SWF	50% Excl	25% Excl	Req'd	Permissible	
.....	Freq	Co	Power(kW)		[km]	(°T)	(Deg)	(Deg)	(Deg)	(μV/m)	Limit	Limit	Prot.	Rad. (mV/m)	
New	App.	PR	18-24-09	67-08-47	2695.1	167.2	41.8	0.0	0.0	8.374	61.356	61.356	153.390	91,587.1	
Pauecl.	1260	US	0.850	RSS Contributors: Conaree=61.356											
WCXQ	CP	PR	18-11-16	67-06-59	2709.2	167.2	41.7	0.0	0.0	8.255	62.494	62.494	156.235	94,630.5	
	1260	US	0.640	RSS Contributors: Conaree=62.494											
WCXQ	App.	PR	18-11-16	67-06-59	2709.2	167.2	41.7	0.0	0.0	8.255	62.494	62.494	156.235	94,630.5	
	1260	US	1.00	RSS Contributors: Conaree=62.494											
W150	Lic.	PR	17-58-22	66-37-11	2740.3	165.2	41.6	0.0	0.0	8.095	70.455	70.455	175.138	109,794.3	
	1260	US	1.00	RSS Contributors: Conaree=70.455											
W150	App.	PR	17-58-22	66-37-11	2740.3	165.2	41.6	0.0	0.0	8.095	70.455	70.455	175.138	109,794.3	
	1260	US	2.50	RSS Contributors: Conaree=70.455											
W150	Lic.	PR	17-58-22	66-37-11	2740.3	165.2	41.6	0.0	0.0	8.095	70.455	70.455	175.138	109,794.3	
	1260	US	0.379	RSS Contributors: KTTT=7.417; XER=6.000; XEMF=5.400; XEXR=5.190; KMSH=5.022; WSDZ=4.560; XEL=3.904											
WCHV	Lic.	VA	33-06-52	78-27-18	664.3	230.1	51.5	10.7	18.3	72.560	8.262	10.154	25.386	1749.3	
	1260	US	2.50	RSS Contributors: WABC=7.286; WXTT=3.855; Conaree=3.704; WNCB=3.270; WRLE=3.232											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.247											
WXXC	Lic.	WI	45-15-25	92-22-00	1621.1	289.2	55.2	1.4	4.7	11.397	10.264	13.253	32.470	14,245.0	
	1260	US	5.00	RSS Contributors: WNDZ=10.264; WSDZ=5.030; KTTT=4.735; WRLE=4.063; WNSB=3.											

PERMISSIBLE AM NIGHTTIME RADIATION

[illegible]

PERMISSIBLE AN NIGHTTIME RADIATION

STATION: WSPR FREQUENCY: 1270 LOCATION: Springfield, MA LATITUDE: 42-05-55 LONGITUDE: -72-37-45 DATE: 02-06-19														
Call	Auth	St	Latitude	Longitude	GC Dist	Bear.	GM PL	0 Min	0 Max	SWF	50% Fac1	25% fac1	Req'd	Permissible
...	Freq	Co	Power(kW)		(km)	[°]	[Deg]	[Deg]	[Deg]	(uV/m)	Limit	Limit	Prnt.	Rad. (uv/m)
WCGC	Lic.	NC	35-15-05	81-03-26	1054.7	226.6	52.1	5.4	10.4	35.730	19.167	24.585	6.145	260.6
1270	US	0.500	RSS Contributors: WMS=11.658; WXYT=11.145; W1K=10.457; WCRD=9.475; WTJZ=7.624; W1BR=6.787; WJCO=5.367											
W1XX	Lic.	MA	46-06-37	102-50-10	2285.7	292.9	56.2	0.0	0.8	4.622	9.665	9.665	2.416	2613.6
1270	US	0.250	RSS Contributors: KMYL=9.665											
WUCD	Lic.	OH	40-14-46	83-19-50	918.3	260.6	52.6	6.8	12.5	40.977	29.566	29.566	7.391	901.8
1270	US	0.500	RSS Contributors: WXYT=29.566											
W1BR	Lic.	PA	40-21-35	76-27-30	374.0	240.2	52.7	23.2	31.7	155.757	16.396	23.543	6.019	193.2
1270	US	1.00	RSS Contributors: WXYT=12.788; WCRD=12.269; WSPR=6.019; WJTH=5.634; W1LD=5.505; WTSH=5.150; W1K=5.136											
WNGS	Lic.	SC	32-50-39	81-07-28	1271.5	218.8	48.9	1.6	7.8	26.843	37.001	38.314	9.579	1784.2
1270	US	0.219	RSS Contributors: WMS=37.001; W1L7=9.944											
KNAC	Lic.	SD	43-29-19	96-47-08	1999.9	282.7	54.4	0.0	2.5	7.953	6.626	7.588	1.897	1192.6
1270	US	2.50	RSS Contributors: WKBK=5.816; WMM=3.174; W1XX=3.027; KFS5=2.124											
W1K	Lic.	TX	35-57-43	83-12-31	1139.8	236.7	50.5	4.6	9.3	30.767	16.825	21.993	5.392	876.4
1270	US	0.500	RSS Contributors: WXYT=11.979; WKBK=8.563; WJCO=8.151; WCRD=7.624; W1C=6.786; WTJZ=5.616; KFS5=5.606; WSRK=5.392											
KFS5	Lic.	TX	32-59-51	95-54-42	2547.0	242.6	47.1	0.0	1.5	7.570	6.215	8.190	1.986	1311.8
1270	US	1.00	RSS Contributors: KFS5=6.215; K1=2.413; K1VH=2.374; K1=2.126; K1LD=2.119; K1AX=2.009; K1YK=1.986											
K1C	App.	TX	39-39-45	65-41-58	2463.3	243.6	47.3	0.0	3.0	7.047	9.471	9.471	2.366	1508.7
1270	US	2.500	RSS Contributors: KFS5=9.471											
KFS5	Lic.	TX	32-43-36	97-11-30	2394.7	262.3	49.0	0.0	0.3	7.767	3.312	5.050	1.263	813.1
1270	US	5.00	RSS Contributors: W00T=2.040; KMSH=1.970; K1C=1.707; K1=1.544; K1LD=1.474; K1=1.467; K1CH=1.442; K1VH=1.431; K1ZL=1.397; K1G=1.323											
WTJZ	Lic.	VA	37-01-52	76-22-00	647.9	213.8	51.0	11.1	18.8	76.556	20.696	28.290	7.063	461.2
1270	US	0.90	RSS Contributors: W1BR=14.495; WCRD=14.421; WXYT=10.011; WMS=9.053; WCRD=8.075; W1Z=7.876; W1K=7.766											
W1L	Lic.	NY	44-18-12	105-29-52	2557.2	286.5	55.1	0.0	0.0	3.531	6.274	6.770	1.680	2312.3
1270	US	1.50	RSS Contributors: K1C=4.018; K1ND=3.512; W1XX=3.300; WKBK=2.405											
CHAT	Lic.	AB	49-58-35	110-35-45	3023.0	303.0	----	0.0	0.0	3.534	5.914	----	2.858	4043.5
1270	CA	10.0	RSS Contributors: K1C=5.177; CHWK=2.858											
CHAT	App.	AB	49-57-23	110-36-23	3322.5	299.5	----	0.0	0.0	3.505	5.916	----	2.833	4007.1
1270	CA	10.0	RSS Contributors: K1C=5.193; CHWK=2.833											
CHWK	Lic.	BC	49-08-54	121-51-08	3835.2	299.0	----	0.0	0.0	2.044	7.277	----	3.619	3635.4
1270	CA	10.0	RSS Contributors: CHAT=5.379; K1C=4.841											
W00T	Lic.	MS	46-13-50	60-11-30	1089.6	61.2	----	7.5	7.5	55.758	2.841	----	2.307	180.0
1270	CA	10.0	RSS Contributors: WXYT=2.311; WSPR=2.007											
W1C	Lic.	CA	44-02-41	77-34-47	456.5	303.0	----	21.7	21.7	131.665	17.414	----	8.707	331.6
1270	CA	1.00	RSS Contributors: WXYT=17.414											
CFGT	Lic.	QJ	43-31-45	71-36-31	719.4	6.0	----	13.3	13.3	56.659	12.050	----	7.782	402.4
1270	CA	5.00	RSS Contributors: WXYT=9.202; WSPR=7.782											

Codes applicable to above permissible radiation values:

= : permissible radiation limited to present licensed radiation

- : permissible radiation limited to 90% of present licensed radiation

F : foreign station, protect one-half of 50% RSS or smallest contributor

PERMISSIBLE AM NIGHTTIME RADIATION

STATION	WSPR	FREQUENCY	LOCATOR	NAME	SPRINGFIELD, MA	LATITUDE	LONGITUDE	DATE	TIME					
Call	Auth	St	Latitude	Longitude	GR Dist	Bear	GR PPL	6 Min	8 Max	SNR	50K Exc1	25K Exc1	Req'd	Permissible
	freq	Co	Power(KW)		(km)	(°T)	(Deg)	(Deg)	(Deg)	(dB/m)	Limit	Limit	Prot	Rad. (mwp)
WHPG	Lic.	MA	33-13-37	87-34-05	1540.2	237.9	49.1	1.3	4.6	15.588	12.453	11.455	26.638	2632.7
	1290	JS	0.500	RSS Contributors:		W0BT=13.453; WGBF=3.708; WANS=2.863								
KSCM	Lic.	GA	35-08-44	120-31-15	4175.0	275.6	50.9	0.0	0.0	1.790	12.196	12.196	30.431	86,170.4
	1280	GS	2.50	RSS Contributors:		KTRN=10.321; KJVL=6.498								
KPHN	Lic.	LA	33-47-54	118-14-47	4054.3	272.2	50.1	0.0	0.0	2.091	3.971	4.767	11.917	28,495.9
	1280	MS	1.00	RSS Contributors:		KKDD=3.177; W0BT=2.333; K16W=1.678; KCHS=1.442; K11=1.427								
KUYL	Lic.	GA	37-58-55	121-13-44	4100.2	280.3	51.7	0.0	0.0	1.584	6.869	7.921	19.802	62,506.7
	1280	JS	1.00	RSS Contributors:		KPRK=5.871; KBLZ=3.555; K17=2.601; KPYT=2.091; KKNM=1.987								
KBYD	Lic.	SD	39-36-05	104-58-49	2719.6	275.1	52.6	0.0	0.0	4.429	4.654	6.173	15.433	17,422.7
	1280	JS	5.00	RSS Contributors:		W0BT=4.654; KBYL=2.131; WGBF=1.913; K16W=1.737; KBLG=1.646; WHPG=1.642								
KBYD	CP	CO	39-36-05	104-58-49	2719.6	275.1	52.6	0.0	0.0	4.429	4.654	6.173	15.433	17,422.7
	1280	JS	5.00	RSS Contributors:		W0BT=4.654; KBYL=2.131; WGBF=1.913; K16W=1.737; KBLG=1.646; WHPG=1.642								
WJMK	Lic.	IL	38-36-47	76-35-12	461.4	213.9	51.8	16.1	26.3	121.683	17.412	18.792	46.991	1930.5
	1290	JS	0.211	RSS Contributors:		WHPG=13.390; WADD=11.131; WHPK=7.068								
WJPC	Lic.	IL	27-55-30	81-36-16	1772.7	210.1	45.4	0.6	3.7	15.952	12.716	14.543	36.367	11,395.7
	1290	US	0.500	RSS Contributors:		W0BT=10.273; WANS=7.494; KSPF=5.039; WHPG=4.940; WGBF=3.470; WADD=3.318								
WJMY	Lic.	FL	27-21-27	82-29-13	1867.2	211.8	46.2	0.2	3.1	14.610	13.799	15.719	39.296	13,448.3
	1290	MS	0.339	RSS Contributors:		W0BT=12.334; WANS=6.184; WHPG=4.723; WJPC=4.197; WJAT=4.130								
KBLG	Lic.	IL	41-45-10	88-14-44	1290.3	273.6	53.4	3.5	7.6	20.940	12.039	13.216	33.287	7948.2
	1290	US	0.500	RSS Contributors:		WGBF=8.721; KCHM=8.295; WJTC=5.688								
WGBF	Lic.	IL	37-53-45	87-28-36	1341.3	255.1	51.5	3.1	7.1	21.679	4.803	7.036	17.230	3974.1
	1290	JS	1.00	RSS Contributors:		W0BT=2.739; WJTC=2.365; WJMK=2.277; WANS=2.168; WJTC=2.171; WHPG=2.167; WJAY=1.964; W0BT=1.513; WJMK=1.974; WJAT=1.762; KJTC=1.723								
WJTC	Lic.	IL	29-53-43	90-03-16	2062.3	234.5	47.5	0.0	2.0	11.426	3.647	5.538	13.770	6025.7
	1290	JS	5.00	RSS Contributors:		XJMK=2.576; WADD=1.939; WJSC=1.704; HJAM=1.597; KTHY=1.059; YV								

NIGHTTIME CLIPPING STUDY DATA SHEET

FIGURE 14D

STATION Prop. WSPR LOCATION Springfield, MA SITE: N 42° 05' 55" W 72° 37' 45" DATE 02-06-02

Call	Latitude	Longitude	Dist(km)	Bear(°T)	RSS	Req-Pro	θmin	θmax	MPL	SWF	Max mV/m E
WTSN	43-11-01	70-51-14	188.8	49.7	14.335	11.125	35.9	51.3	54.1	291.060	191.1 -
Pt.A	43-14-35	70-57-00	157.2	46.6	14.857	11.545*	37.1	51.5	54.2	292.63	197.3 -
Pt.B	43-09-36	70-54-39	183.5	49.4	14.504	11.318*	37.7	52.1	54.1	296.79	190.7 -
Pt.C	43-03-00	70-47-49	183.5	54.2	13.410	10.716	37.7	52.1	54.0	297.06	190.4 -
WXYT											
Lic:	42-27-58	83-15-00	874.0	276.3	4.543	1.354	7.4	13.3	53.7	42.356	159.8 -
CP:	42-01-39	83-20-42	884.0	273.1	4.370	1.303	7.3	13.1	53.5	41.982	155.2 =
Pt.A	41-39-05	83-29-32	900.1	270.5	4.822	1.245	7.1	12.8	53.3	41.048	151.6 =
Pt.B	42-09-17	83-09-14	867.3	274.0	4.491	1.354	7.5	13.4	53.6	43.260	156.5 =
Pt.C	42-34-20	82-40-50	827.3	277.0	5.187	1.495*	8.0	14.2	53.8	46.478	160.8 =
Pt.D	42-54-32	83-00-00	854.3	279.5	5.676	1.406*	7.6	13.7	54.0	43.590	161.3 =
WLBR	40-21-35	76-27-30	374.0	240.2	20.543	6.019	20.2	31.7	52.7	155.757	193.2 =
Pt.A	40-16-46	76-22-33	373.0	238.4	19.707	6.167*	20.3	31.8	52.6	156.39	197.2 =
Pt.B	40-22-17	76-21-05	365.6	239.6	20.373	6.225*	20.7	32.3	52.7	160.00	194.5 =
Pt.C	40-24-55	76-27-31	370.7	241.0	20.396	6.025*	20.4	32.0	52.7	157.30	191.5 =
CJCB	46-10-50	60-11-30	1089.6	61.2	2.841	2.007	7.5	7.5	----	55.758	180.0 = F
Pt.A	47-59-00	59-15-30	1234.9	53.5	2.841	2.007	6.0	6.0	----	43.303	231.7 = F
Pt.B	45-53-51	59-59-04	1094.4	63.0	2.841	2.007	7.5	7.5	----	55.343	181.3 = F
Pt.C	46-08-39	60-26-11	1070.5	61.0	2.841	2.065*	7.7	7.7	----	57.409	179.8 = F
WMKI	42-16-28	71-02-33	132.2	80.9	5.716	14.289	47.1	60.7	53.7	358.164	199.5 **
Pt.A	42-39-26	70-38-36	174.5	68.5	5.716	14.289	39.1	53.5	53.9	308.06	231.9 **
Pt.B	42-22-17	71-12-44	120.5	75.0	5.716	14.289	49.8	63.0	53.7	371.68	192.2 **
Pt.C	42-09-57	71-02-21	131.3	86.2	5.716	14.289	47.3	60.9	53.6	359.48	198.7 **
CFGT	48-31-46	71-36-31	719.4	6.0	12.050	7.780	13.3	13.3	----	96.659	402.4 = F
CJTV	44-02-41	77-34-47	456.5	300.0	17.414	8.707	21.7	21.7	----	131.665	330.6 F

Key: - : WSPR enters into subject station's 50% RSS; 10% radiation reduction calculated
 = : WSPR enters into subject station's 25% RSS; limited to present radiation value
 F : Foreign station; protect to 1/2 of 50% RSS or smallest contributor
 * : WSPA licensed limit at clipping study point exceeds site-to-site limit
 ** : Station on first-adjacent frequency to proposed WSPR

FIGURE 15

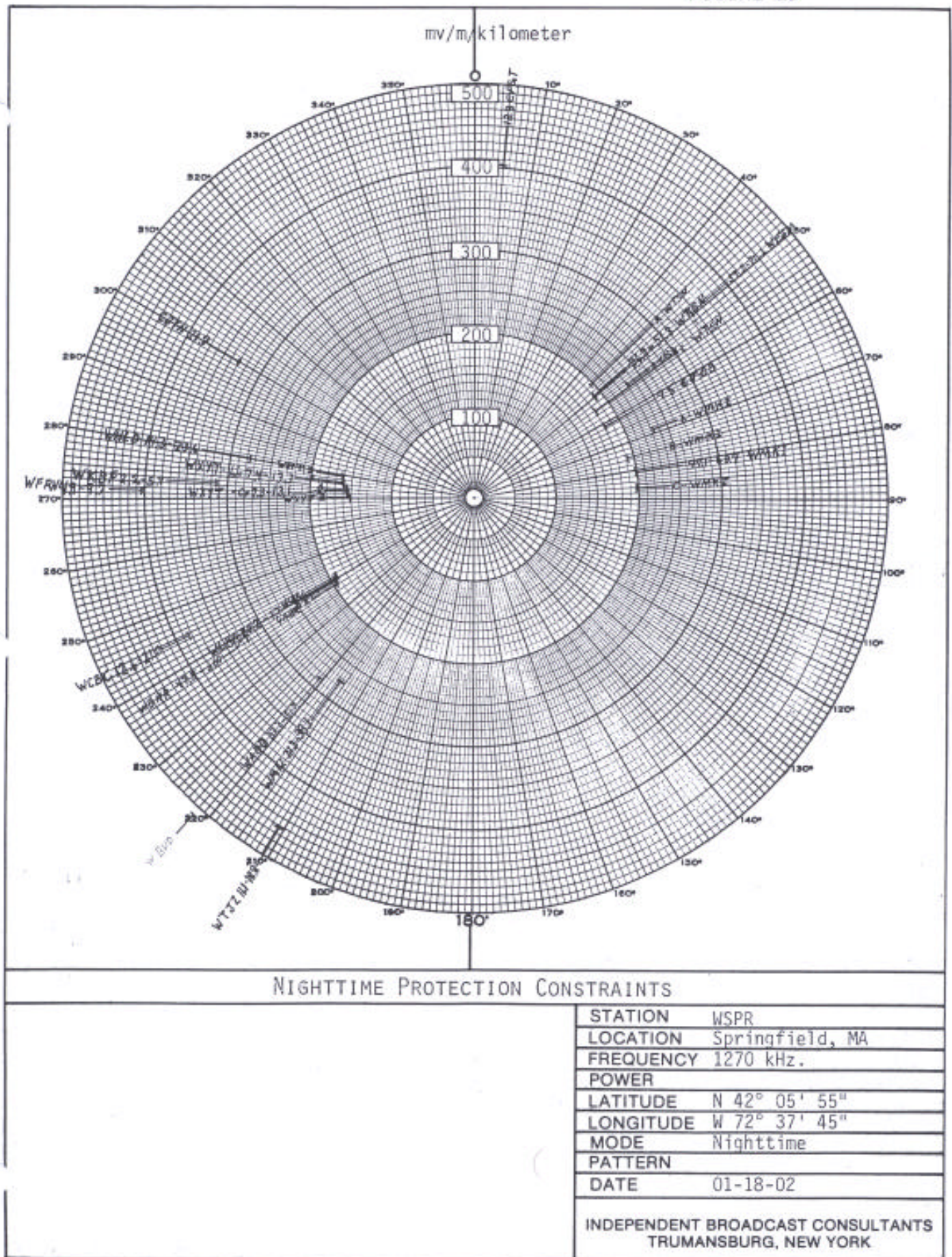


FIGURE 16A

INDEPENDENT BCST CONSULTANTS, INC.
TRUMANSBURG, NEW YORK

NO. OF TOWERS: TWO

POWER: 1000 WATTS

MODE: NIGHTTIME
DATE: 02-06-2002

TOWER NO.	HEIGHT {DEG}	{FT}	{M}	FIELD	SPACING {DEG}	{FT}	{M}	BEARING {DEG}	PHASING {DEG}
1	183.15	394.0	120.1	1.000	0.0	0.0	0.0	0.0	0.0
2 *	86.0	185.0	56.4	0.630	180.0	387.2	118.0	237.5	+25.5

* TOWER 2 TOP-LOADED WITH 19.0 DEGREES OF UPPERMOST GUY CABLES
FOR A TOTAL APPARENT ELECTRICAL HEIGHT OF 105 DEGREES.

THEOR. VECTOR CONSTANT WITH 1 OHM LOSS/TOWER: 336.68 MV/M/KM

THEOR. HORIZ. PLANE RMS WITH 1 OHM LOSS/TOWER: 345.14 MV/M/KM

THEOR. RSS WITH 1 OHM LOSS/TOWER: 397.92 MV/M/KM

Q: 10.0

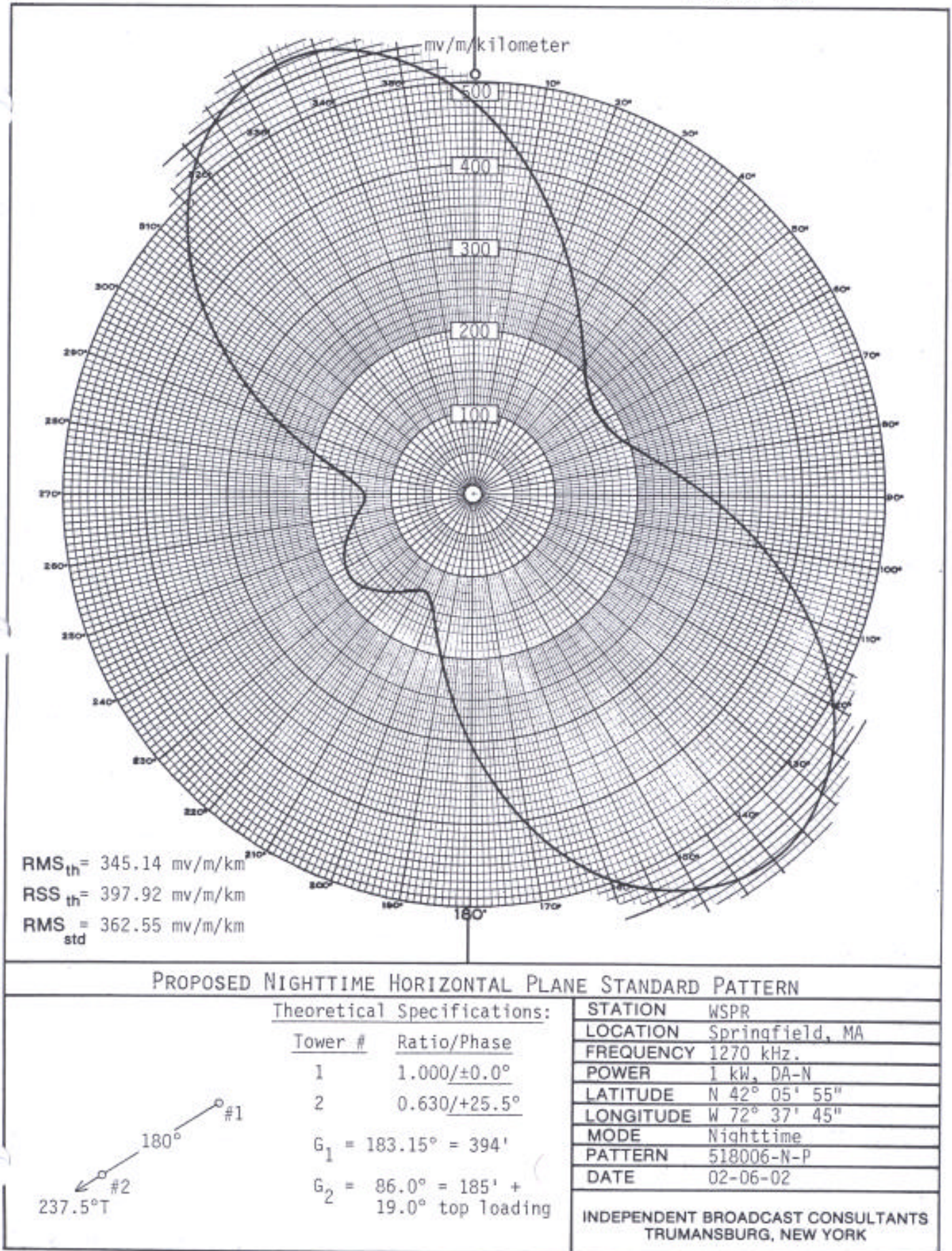
RMS OF STANDARD PATTERN: 362.55 MV/M/KM

COMPUTED RADIATION VALUES ARE IN TERMS OF MV/M AT ONE KILOMETER.

F.C.C. STANDARD HORIZONTAL PLANE RADIATION

TRUE BEARING DEGREES	FIELD MV/M	TRUE BEARING DEGREES	FIELD MV/M	TRUE BEARING DEGREES	FIELD MV/M	TRUE BEARING DEGREES	FIELD MV/M
0	474.76	90.0	265.38	180.0	301.23	270.0	131.88
5.0	436.96	95.0	320.08	185.0	251.38	275.0	143.14
10.0	397.41	100.0	357.90	190.0	206.07	280.0	168.73
15.0	357.90	105.0	397.41	195.0	168.73	285.0	206.07
20.0	320.08	110.0	436.96	200.0	143.14	290.0	251.38
25.0	285.38	115.0	474.76	205.0	131.88	295.0	301.23
30.0	254.91	120.0	508.94	210.0	133.63	300.0	352.73
35.0	229.48	125.0	537.70	215.0	143.34	305.0	403.30
40.0	209.48	130.0	559.37	220.0	155.68	310.0	450.60
45.0	194.93	135.0	572.56	225.0	167.06	315.0	492.52
50.0	185.56	140.0	576.24	230.0	175.46	320.0	527.26
55.0	181.00	145.0	569.86	235.0	179.88	325.0	553.37
60.0	181.00	150.0	553.37	240.0	179.88	330.0	569.86
65.0	185.56	155.0	527.26	245.0	175.46	335.0	576.24
70.0	194.93	160.0	492.52	250.0	167.06	340.0	572.56
75.0	209.48	165.0	450.60	255.0	155.68	345.0	559.37
80.0	229.48	170.0	403.30	260.0	143.34	350.0	537.70
85.0	254.91	175.0	352.73	265.0	133.63	355.0	508.94

FIGURE 16B



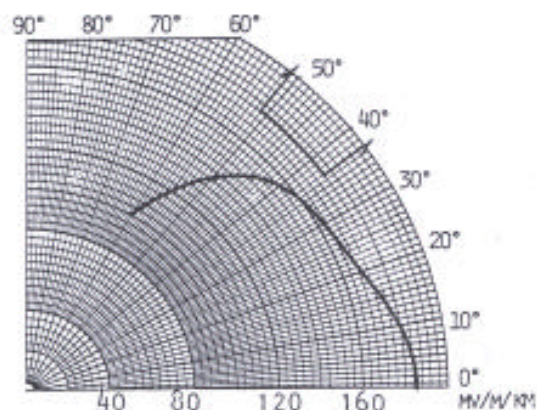
INDEPENDENT BCST CONSULTANTS, INC.
TRUMANSBURG, NEW YORK

TRUE BEARING DEGREES	FCC STD. RAD. (AT 1 KM) AT VERTICAL ANGLES THETA (DEGREES)						
	.00 MV/M	5.00 MV/M	10.00 MV/M	15.00 MV/M	20.00 MV/M	25.00 MV/M	30.00 MV/M
49.7	185.98	184.35	180.05	174.55	169.55	166.08	163.85
46.6	191.38	189.78	185.52	179.99	174.78	170.82	167.87
49.4	186.42	184.80	180.50	175.00	169.98	166.47	164.18
54.2	181.42	179.76	175.39	169.88	165.05	161.97	160.36
276.3	148.47	145.69	138.10	127.81	117.86	111.21	109.16
273.1	137.14	133.86	124.86	112.55	100.70	93.42	92.82
270.5	132.36	128.62	118.24	109.77	89.43	80.54	80.42
274.0	139.71	136.59	128.03	116.37	105.18	98.22	97.30
277.0	151.74	149.05	141.71	131.74	122.03	115.35	112.88
279.5	165.58	163.15	156.47	147.28	137.99	130.76	126.54
240.2	179.79	173.64	155.85	128.31	93.92	56.37	21.33
238.4	180.37	174.21	156.40	128.81	94.36	56.70	21.43
239.6	180.04	173.89	156.09	128.54	94.12	56.51	21.37
241.0	179.34	173.20	155.44	127.94	93.60	56.11	21.26
61.2	181.67	180.02	175.65	170.19	165.30	162.20	160.55
53.5	181.88	180.23	175.87	170.36	165.51	162.39	160.71
63.0	183.18	181.53	177.19	171.69	166.79	163.57	161.71
61.0	181.54	179.89	175.52	170.01	165.17	162.08	160.45
80.9	233.66	232.00	227.37	220.69	212.99	204.95	196.55
68.5	191.59	189.99	185.73	180.20	174.98	171.00	168.02
75.0	209.48	207.90	203.62	197.76	191.61	185.96	180.65
86.2	261.79	259.92	254.61	246.61	236.82	225.89	213.97
6.0	429.13	425.02	412.99	393.84	368.79	339.25	306.66
300.0	352.73	349.08	338.44	321.76	300.37	275.82	249.55

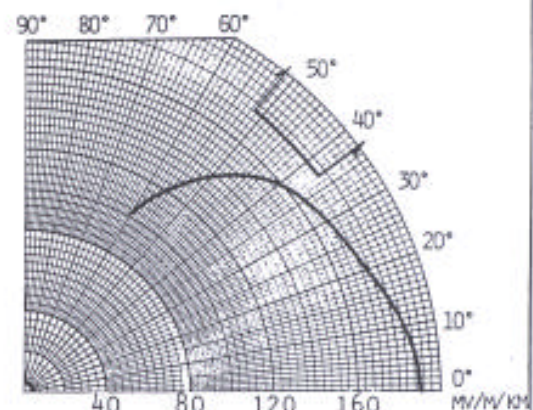
FIGURE 17 PAGE 2

INDEPENDENT BCST CONSULTANTS, INC.
TRUMANSBURG, NEW YORK

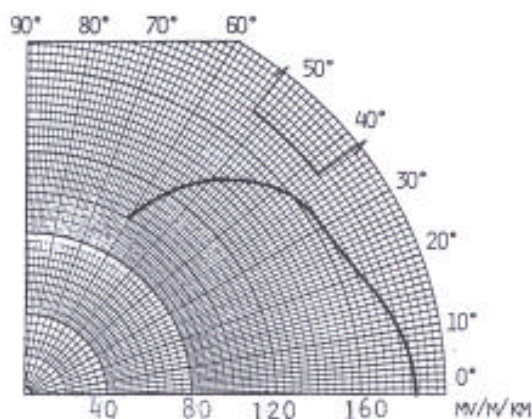
TRUE BEARING DEGREES -----	FCC STD. RAD. (AT 1 KM) AT VERTICAL ANGLES THETA (DEGREES)					
	35.00 MV/M -----	40.00 MV/M -----	45.00 MV/M -----	50.00 MV/M -----	55.00 MV/M -----	60.00 MV/M -----
49.7	161.40	156.89	148.84	136.65	120.61	101.78
46.6	164.58	159.22	150.42	137.63	121.16	102.04
49.4	161.67	157.08	148.97	136.73	120.66	101.80
54.2	158.64	154.86	147.47	135.80	120.14	101.56
276.3	110.53	112.56	112.59	109.00	101.28	89.81
273.1	97.21	102.69	105.83	104.72	98.82	88.56
270.5	87.01	95.16	100.70	101.47	96.94	87.61
274.0	100.87	105.40	107.69	105.90	99.49	88.90
277.0	113.55	114.80	114.13	109.98	101.85	90.09
279.5	124.60	123.01	119.78	113.56	103.91	91.14
240.2	22.77	49.08	69.50	81.61	85.34	81.64
238.4	22.40	48.82	69.32	81.49	85.27	81.61
239.6	22.61	48.96	69.42	81.56	85.31	81.63
241.0	23.06	49.28	69.64	81.70	85.40	81.67
61.2	158.80	154.98	147.55	135.85	120.17	101.57
53.5	158.93	155.07	147.61	135.88	120.19	101.58
63.0	159.72	155.65	148.00	136.13	120.33	101.65
61.0	158.72	154.92	147.51	135.82	120.15	101.56
80.9	187.13	175.73	161.61	144.56	124.97	103.83
68.5	164.70	159.31	150.48	137.67	121.18	102.05
75.0	174.65	166.60	155.42	140.73	122.87	102.84
86.2	200.75	185.68	168.33	148.70	127.25	104.90
6.0	272.35	237.49	203.06	169.90	138.72	110.13
300.0	222.78	196.33	170.69	146.13	122.75	100.66



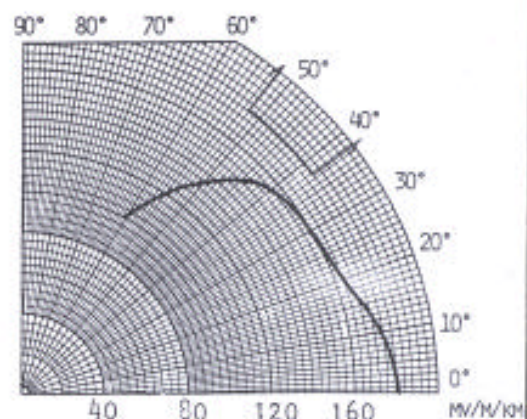
FROM: Prop. WSPR
 TO: WTSN Site
 BEARING (°T) 49.7°T
 DISTANCE (KM) 188.8 km.
 MIDPOINT LAT. (°) 54.1°
 θ MIN - θ MAX (°) 36.9°-51.3°
 HORIZONTAL RAD. 185.98 mv/m/km
 MAX. RAD. AT θ 160.03 mv/m/km
 SKYWAVE FACTOR 291.060 uV/m
 LIMIT 9.316 mv/m



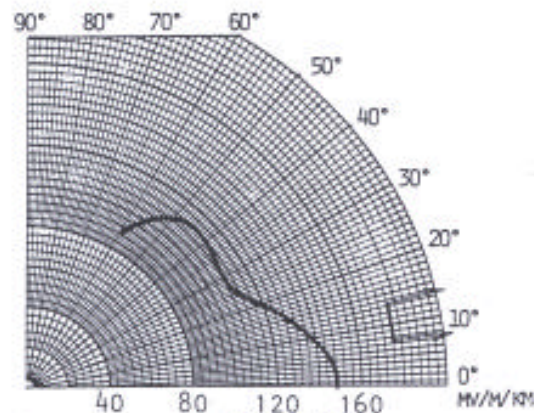
FROM: Prop. WSPR
 TO: WTSN Point A
 BEARING (°T) 46.6°T
 DISTANCE (KM) 187.2 km.
 MIDPOINT LAT. (°) 54.2°
 θ MIN - θ MAX (°) 37.1°-51.5°
 HORIZONTAL RAD. 191.38 mv/m/km
 MAX. RAD. AT θ 162.68 mv/m/km
 SKYWAVE FACTOR 292.63 uV/m
 LIMIT 9.521 mv/m



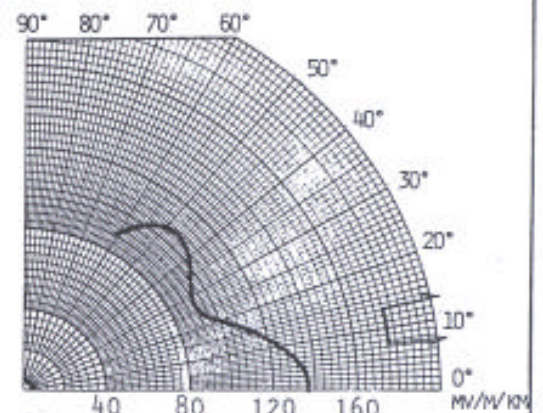
FROM: Prop. WSPR
 TO: WTSN Point B
 BEARING (°T) 49.4°T
 DISTANCE (KM) 183.5 km.
 MIDPOINT LAT. (°) 54.1°
 θ MIN - θ MAX (°) 37.7°-52.1°
 HORIZONTAL RAD. 186.42 mv/m/km
 MAX. RAD. AT θ 159.56 mv/m/km
 SKYWAVE FACTOR 296.79 uV/m
 LIMIT 9.471 mv/m



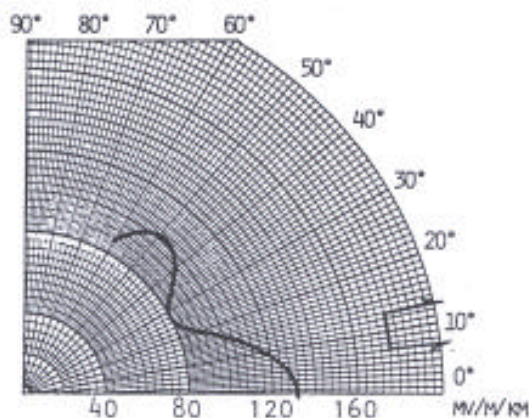
FROM: Prop. WSPR
 TO: WTSN Point C
 BEARING (°T) 54.2°T
 DISTANCE (KM) 183.5 km.
 MIDPOINT LAT. (°) 54.0°
 θ MIN - θ MAX (°) 37.7°-52.1°
 HORIZONTAL RAD. 181.42 mv/m/km
 MAX. RAD. AT θ 156.98 mv/m/km
 SKYWAVE FACTOR 297.06 uV/m
 LIMIT 9.326 mv/m



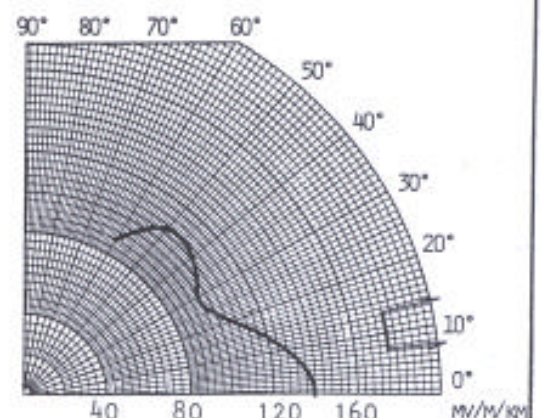
FROM: Prop. WSPR
 TO: WXYT Licensed Site
 BEARING (°T) 276.3°T
 DISTANCE (KM) 874.0 km.
 MIDPOINT LAT. (°) 53.7°
 θ MIN - θ MAX (°) 7.4°-13.3°
 HORIZONTAL RAD. 148.47 mv/m/km
 MAX. RAD. AT θ 142.55 mv/m/km
 SKYWAY FACTOR 42.356 uV/m
 LIMIT 1.208 mv/m



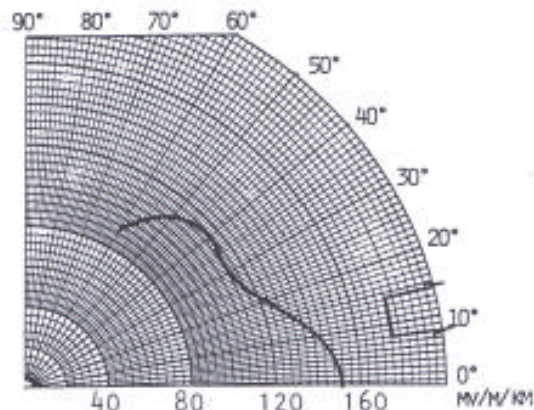
FROM: Prop. WSPR
 TO: WXYT CP Site
 BEARING (°T) 273.1°T
 DISTANCE (KM) 884.0 km.
 MIDPOINT LAT. (°) 53.5°
 θ MIN - θ MAX (°) 7.3°-13.1°
 HORIZONTAL RAD. 137.14 mv/m/km
 MAX. RAD. AT θ 130.32 mv/m/km
 SKYWAY FACTOR 41.982 uV/m
 LIMIT 1.094 mv/m



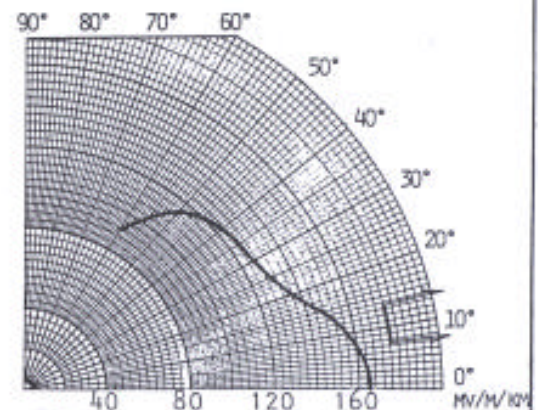
FROM: Prop. WSPR
 TO: WXYT Point A
 BEARING (°T) 270.5°T
 DISTANCE (KM) 900.1 km.
 MIDPOINT LAT. (°) 53.3°
 θ MIN - θ MAX (°) 7.1°-12.8°
 HORIZONTAL RAD. 132.36 mv/m/km
 MAX. RAD. AT θ 124.97 mv/m/km
 SKYWAY FACTOR 41.048 uV/m
 LIMIT 1.026 mv/m



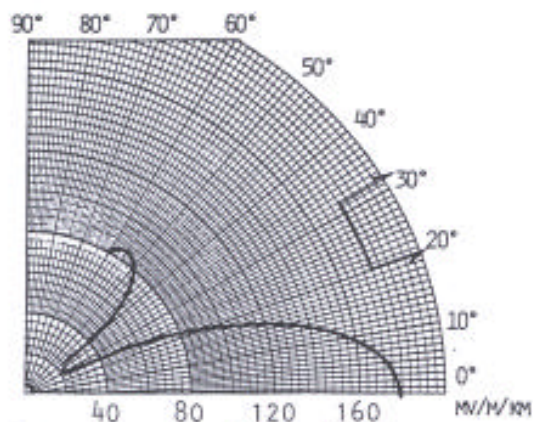
FROM: Prop. WSPR
 TO: WXYT Point B
 BEARING (°T) 274.0°T
 DISTANCE (KM) 867.3 km.
 MIDPOINT LAT. (°) 53.6°
 θ MIN - θ MAX (°) 7.5°-13.4°
 HORIZONTAL RAD. 139.71 mv/m/km
 MAX. RAD. AT θ 132.88 mv/m/km
 SKYWAY FACTOR 43.260 uV/m
 LIMIT 1.150 mv/m



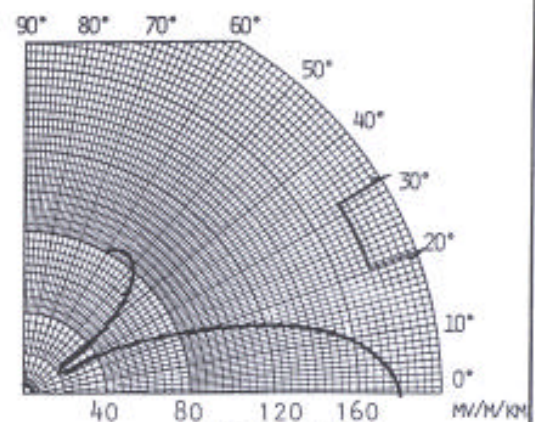
FROM: Prop. WSPR
 TO: WXYT Point C
 BEARING (°T) 277.0°T
 DISTANCE (KM) 827.3 km.
 MIDPOINT LAT.(°) 53.8°
 θ MIN - θ MAX (°) 8.0°-14.2°
 HORIZONTAL RAD. 151.74 mV/m/km
 MAX. RAD. AT θ 145.10 mV/m/km
 SKYWAVE FACTOR 46.478 uV/m
 LIMIT 1.349 mV/m



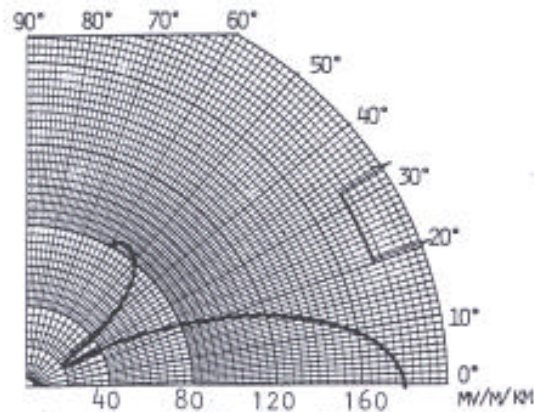
FROM: Prop. WSPR
 TO: WXYT Point D
 BEARING (°T) 279.5°T
 DISTANCE (KM) 854.3 km.
 MIDPOINT LAT.(°) 54.0°
 θ MIN - θ MAX (°) 7.6°-13.7°
 HORIZONTAL RAD. 165.58 mV/m/km
 MAX. RAD. AT θ 160.11 mV/m/km
 SKYWAVE FACTOR 43.590 uV/m
 LIMIT 1.396 mV/m



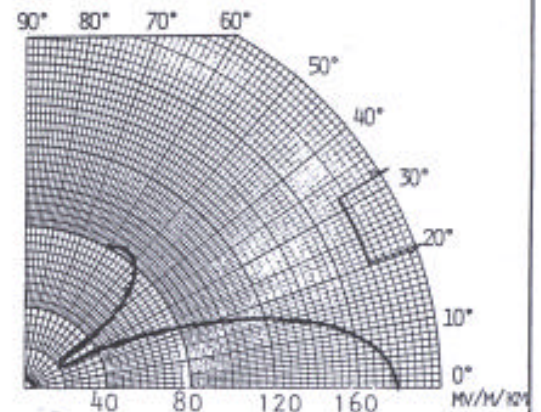
FROM: Prop. WSPR
 TO: WLBR Site
 BEARING (°T) 240.2°T
 DISTANCE (KM) 374.0 km.
 MIDPOINT LAT.(°) 52.7°
 θ MIN - θ MAX (°) 20.2°-31.7°
 HORIZONTAL RAD. 179.79 mV/m/km
 MAX. RAD. AT θ 92.46 mV/m/km
 SKYWAVE FACTOR 155.757 uV/m
 LIMIT 2.880 mV/m



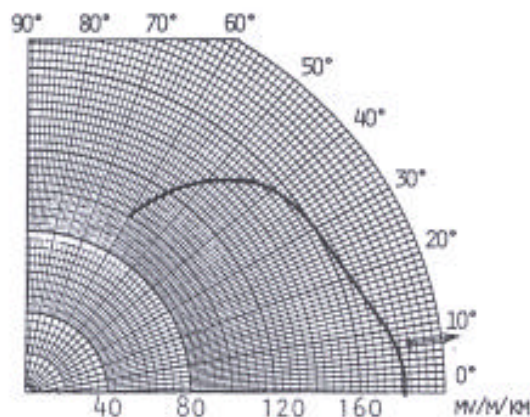
FROM: Prop. WSPR
 TO: WLBR Point A
 BEARING (°T) 238.4°T
 DISTANCE (KM) 373.0 km.
 MIDPOINT LAT.(°) 52.6°
 θ MIN - θ MAX (°) 20.3°-31.8°
 HORIZONTAL RAD. 180.37 mV/m/km
 MAX. RAD. AT θ 92.15 mV/m/km
 SKYWAVE FACTOR 156.39 uV/m
 LIMIT 2.882 mV/m



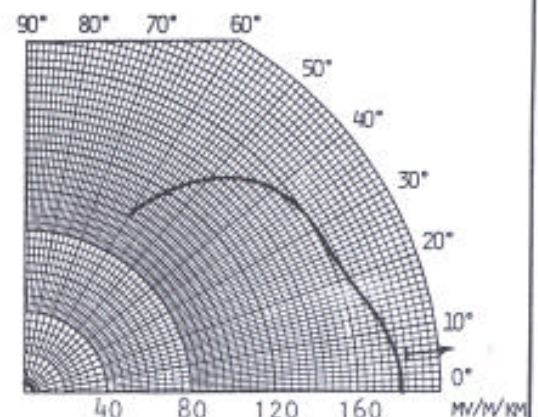
FROM:	Prop. WSPR
TO:	WLBR Point B
BEARING (°T)	239.6°T
DISTANCE (KM)	365.6 km.
MIDPOINT LAT.(°)	52.7°
θ MIN - θ MAX (°)	20.7°-32.3°
HORIZONTAL RAD.	180.04 mv/m/km
MAX. RAD. AT θ	88.95 mv/m/km
SKYWAVE FACTOR	160.00 uV/m
LIMIT	2.846 mv/m



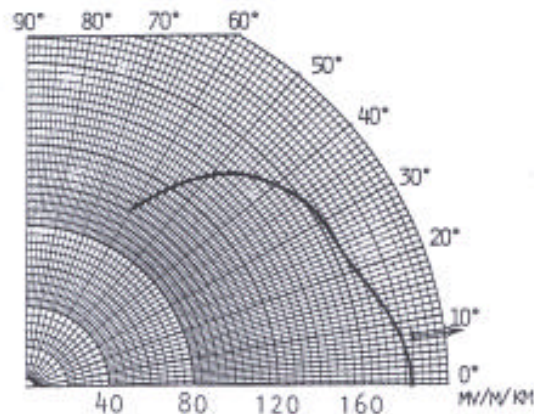
FROM:	Prop. WSPR
TO:	WLBR Point C
BEARING (°T)	241.0°T
DISTANCE (KM)	370.7 km.
MIDPOINT LAT.(°)	52.7°
θ MIN - θ MAX (°)	20.4°-32.0°
HORIZONTAL RAD.	179.34 mv/m/km
MAX. RAD. AT θ	90.66 mv/m/km
SKYWAVE FACTOR	157.30 uV/m
LIMIT	2.852 mv/m



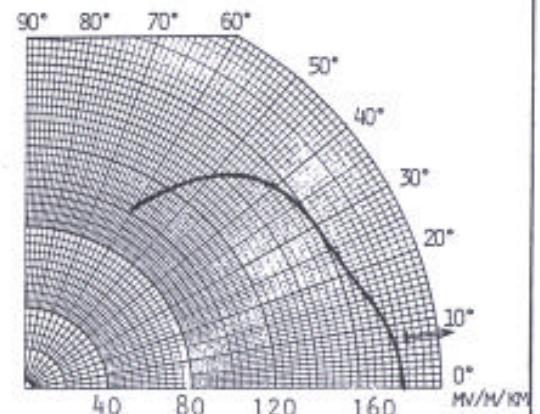
FROM:	Prop. WSPR
TO:	CJC B Site
BEARING (°T)	61.2°T
DISTANCE (KM)	1089.6 km.
MIDPOINT LAT.(°)	---
θ MIN - θ MAX (°)	7.5°-7.5°
HORIZONTAL RAD.	181.67 mv/m/km
MAX. RAD. AT θ	178.09 mv/m/km
SKYWAVE FACTOR	55.758 uV/m
LIMIT	1.986 mv/m



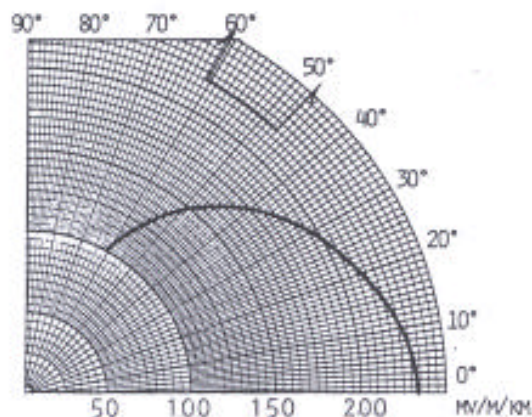
FROM:	Prop. WSPR
TO:	CJC B Point A
BEARING (°T)	53.5°T
DISTANCE (KM)	1234.9 km.
MIDPOINT LAT.(°)	---
θ MIN - θ MAX (°)	6.0°-6.0°
HORIZONTAL RAD.	181.88 mv/m/km
MAX. RAD. AT θ	179.53 mv/m/km
SKYWAVE FACTOR	43.303 uV/m
LIMIT	1.555 mv/m



FROM:	Prop. WSPR
TO:	CJCB Point B
BEARING (°T)	63.0°T
DISTANCE (KM)	1094.4 km.
MIDPOINT LAT. (°)	---
θ MIN - θ MAX (°)	7.5°-7.5°
HORIZONTAL RAD.	183.18 mv/m/km
MAX. RAD. AT θ	179.62 mv/m/km
SKYWAVE FACTOR	55.343 uV/m
LIMIT	1.988 mv/m

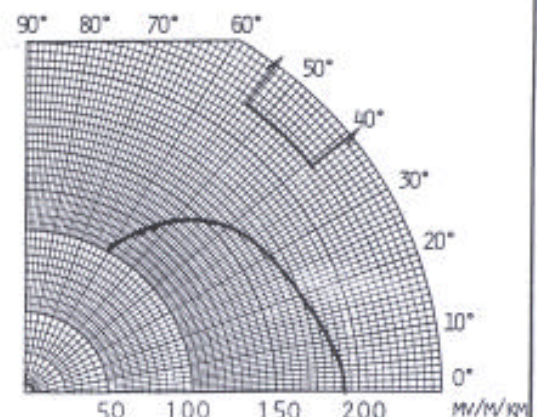


FROM:	Prop. WSPR
TO:	CJCB Point C
BEARING (°T)	61.0°T
DISTANCE (KM)	1070.5 km.
MIDPOINT LAT. (°)	---
θ MIN - θ MAX (°)	7.7°-7.7°
HORIZONTAL RAD.	181.54 mv/m/km
MAX. RAD. AT θ	177.78 mv/m/km
SKYWAVE FACTOR	57.409 uV/m
LIMIT	2.041 mv/m



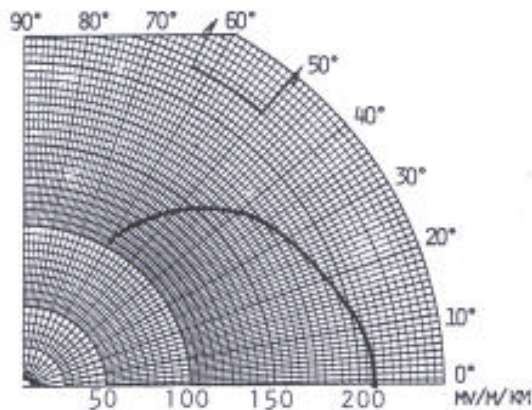
FROM:	Prop. WSPR
TO:	WMKI Site *
BEARING (°T)	80.9°T
DISTANCE (KM)	132.2 km.
MIDPOINT LAT. (°)	53.7°
θ MIN - θ MAX (°)	47.1°-60.7°
HORIZONTAL RAD.	233.66 mv/m/km
MAX. RAD. AT θ	154.79 mv/m/km
SKYWAVE FACTOR	358.164 uV/m
LIMIT	11.088 mv/m

* first adjacent frequency



FROM:	Prop. WSPR
TO:	WMKI Point A *
BEARING (°T)	68.5°T
DISTANCE (KM)	174.5 km.
MIDPOINT LAT. (°)	53.9°
θ MIN - θ MAX (°)	39.1°-53.5°
HORIZONTAL RAD.	191.59 mv/m/km
MAX. RAD. AT θ	160.50 mv/m/km
SKYWAVE FACTOR	308.06 uV/m
LIMIT	9.889 mv/m

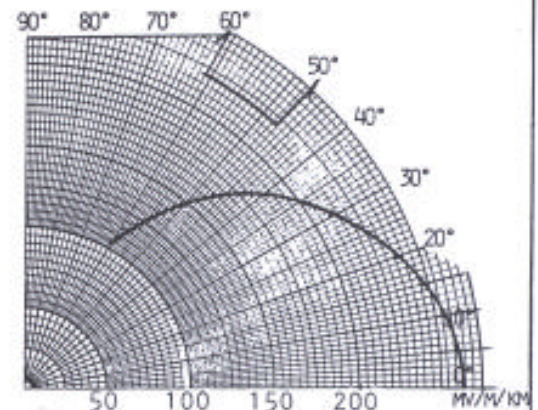
* first adjacent frequency



FROM: Prop. WSPR
 TO: WMKI Point B *

BEARING (°T)	75.0°T
DISTANCE (KM)	120.5 km.
MIDPOINT LAT.(°)	53.7°
θ MIN - θ MAX (°)	49.8°-63.0°
HORIZONTAL RAD.	209.48 mv/m/km
MAX. RAD. AT θ	141.38 mv/m/km
SKYWAVE FACTOR	371.68 uV/m
LIMIT	10.510 mv/m

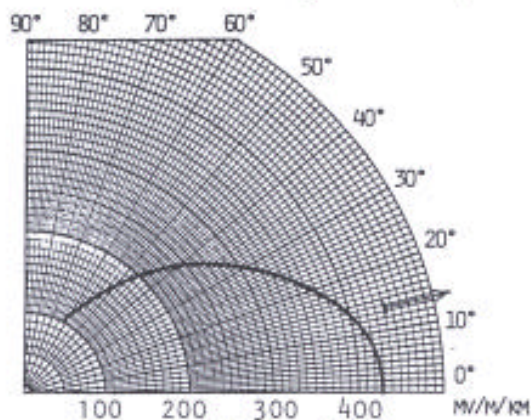
* first adjacent frequency



FROM: Prop. WSPR
 TO: WMKI Point C *

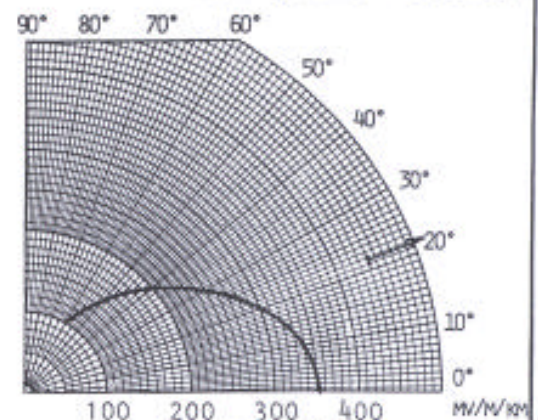
BEARING (°T)	86.2°T
DISTANCE (KM)	131.3 km.
MIDPOINT LAT.(°)	53.6°
θ MIN - θ MAX (°)	47.3°-60.9°
HORIZONTAL RAD.	261.79 mv/m/km
MAX. RAD. AT θ	159.57 mv/m/km
SKYWAVE FACTOR	359.48 uV/m
LIMIT	11.472 mv/m

* first adjacent frequency



FROM: Prop. WSPR
 TO: CFGT Site

BEARING (°T)	6.0°T
DISTANCE (KM)	719.4 km.
MIDPOINT LAT.(°)	---
θ MIN - θ MAX (°)	13.3°-13.3°
HORIZONTAL RAD.	429.13 mv/m/km
MAX. RAD. AT θ	401.08 mv/m/km
SKYWAVE FACTOR	96.659 uV/m
LIMIT	7.754 mv/m



FROM: Prop. WSPR
 TO: CJTN Site

BEARING (°T)	300.0°T
DISTANCE (KM)	456.5 km.
MIDPOINT LAT.(°)	---
θ MIN - θ MAX (°)	21.7°-21.7°
HORIZONTAL RAD.	352.73 mv/m/km
MAX. RAD. AT θ	292.30 mv/m/km
SKYWAVE FACTOR	131.665 uV/m
LIMIT	7.697 mv/m