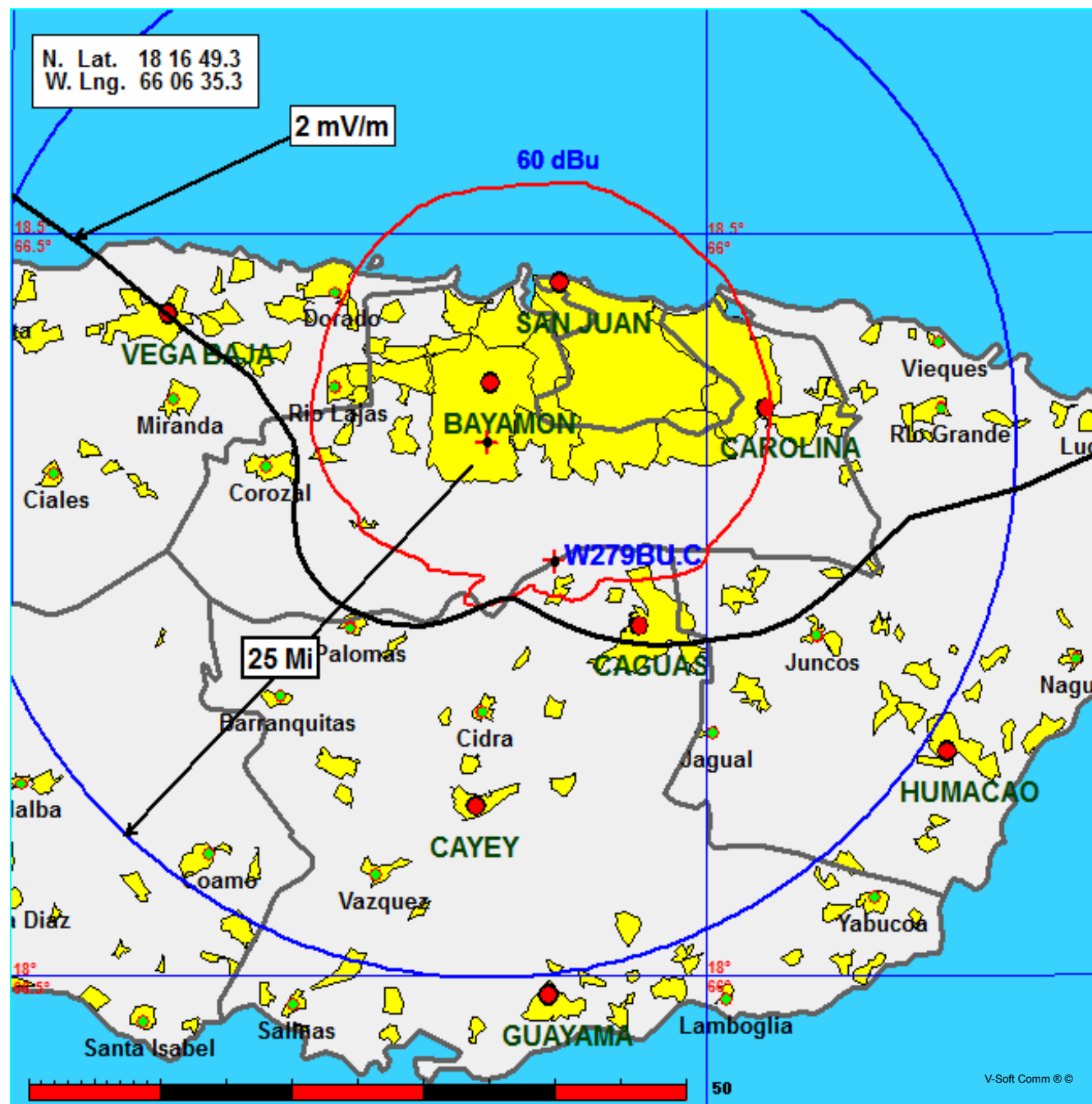
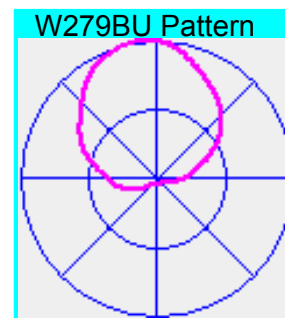


Fill-in for WCMA (AM) Coverage Comparison
Aurio A. Matos Barreto

Coverage Study - GLOBE 30 Sec
08-21-2016

W279BU CH279 D , 0.25 kW, 340.2m HAAT, 543.0m COR AMSL
Service Contour = 60 dBu. Population = 1,139,953



N. Lat. = 181649.3 W. Lng. = 660635.3
HAAT and Distance to Contour,
FCC, FM 2-10 Mi, 51 pts Method - GLOBE 30 SEC

W279BU Distances to 60 dBu Contour

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	62.5	480.5	0.2450	-6.11	0.990	28.19
030	63.5	479.5	0.1505	-8.22	0.776	25.02
060	120.2	422.8	0.0623	-12.06	0.499	18.88
090	132.2	410.8	0.0096	-20.18	0.196	11.57
120	118.0	425.0	0.0004	-34.20	0.039	3.80
150	204.8	338.2	0.0004	-34.20	0.039	3.56
180	402.0	141.0	0.0004	-34.20	0.039	2.74
210	404.5	138.5	0.0004	-34.20	0.039	2.72
240	354.3	188.7	0.0061	-22.16	0.156	6.99
270	375.1	167.9	0.0313	-15.04	0.354	10.09
300	129.4	413.6	0.1050	-9.79	0.648	21.26
330	66.8	476.2	0.2153	-6.67	0.928	27.18

Ave El= 202.77 M HAAT= 340.23 M AMSL= 543

BAYAMON

,PR

Call: WCMA.L

Coordinates: N 18 21 38 W 66 9 30

Frequency: 1600 kHz Number of contours: 1

Azimuth	Radiation (mV/m at one km)	Distances to Contours in Kilometers : Contour levels in mV/m. 2.000
0.0	1073.75	264.30
5.0	1097.34	266.10
10.0	1116.92	263.26
15.0	1132.82	265.07
20.0	1145.33	266.12
25.0	1154.74	266.44
30.0	1161.27	265.99
35.0	1165.11	267.27
40.0	1166.38	265.18
45.0	1165.11	261.93
50.0	1161.27	257.49
55.0	1154.74	254.36
60.0	1145.33	228.54
65.0	1132.82	213.45
70.0	1116.92	180.21
75.0	1097.34	153.87
80.0	1073.75	128.38
85.0	1045.90	87.09
90.0	1013.54	48.25
95.0	976.51	40.63
100.0	934.73	32.63
105.0	888.24	30.84
110.0	837.22	29.38
115.0	781.95	28.08
120.0	722.88	26.79
125.0	660.58	25.16
130.0	595.79	23.09
135.0	529.37	21.53
140.0	462.31	19.96
145.0	395.81	18.42
150.0	331.31	16.93
155.0	270.68	15.47
160.0	216.64	14.08
165.0	173.47	12.85
170.0	147.34	12.01
175.0	143.08	11.79
180.0	157.78	12.15
185.0	182.77	12.80
190.0	210.82	13.50
195.0	237.77	14.15
200.0	261.44	14.74
205.0	280.65	15.24
210.0	294.72	15.67
215.0	303.29	16.04
220.0	306.17	16.35
225.0	303.29	16.63
230.0	294.72	16.71
235.0	280.65	16.64
240.0	261.44	16.53
245.0	237.77	16.11
250.0	210.82	15.59
255.0	182.77	15.04
260.0	157.78	14.58
265.0	143.08	14.41
270.0	147.34	14.69
275.0	173.47	15.62
280.0	216.64	16.96
285.0	270.68	18.52
290.0	331.31	24.44
295.0	395.81	32.43
300.0	462.31	64.58
305.0	529.37	112.68
310.0	595.79	149.80

315.0	660.58	172.71
320.0	722.88	187.40
325.0	781.95	207.19
330.0	837.22	220.66
335.0	888.24	230.85
340.0	934.73	239.00
345.0	976.51	245.07
350.0	1013.54	254.76
355.0	1045.90	260.31