

EXHIBIT 1
DESCRIPTION OF ANTENNA

The antenna array consists of two Scala panel antennas, one oriented at 23° with 15% power and the other at 150° with 85% power. The tabulation and plotted pattern show the actual orientation. Thus the 0° azimuth of the pattern corresponds to 0° True.

Azimuth	Relative Voltage
0	0.398
10	0.421
20	0.434
30	0.441
40	0.431
50	0.407
60	0.370
70	0.354
80	0.379
90	0.433
100	0.538
110	0.689
120	0.816
130	0.916
140	0.980
150	1.000
160	0.982
170	0.925
180	0.830
190	0.714
200	0.571
210	0.391
220	0.171
230	0.076
240	0.038
250	0.038
260	0.030
270	0.035
280	0.041
290	0.056
300	0.081
310	0.143
320	0.231
330	0.302
340	0.362
350	0.387

BWS
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