6	Beam 6 Average Power = -1.3621 dBi Max value = 17.6281 dBi Efficiency = 73.0793 % theta [degrees] phi [degrees]	Beam6 Average Power = -1.3425 dBi Max value = 17.329 dBi Efficiency = 73.4086 % theta [degrees] phi [degrees]	Beam 6 Average Power = -1.2692 dBi Max value = 16.934 dBi Efficiency = 74.6591 % theta [degrees] phi [degrees]
7	Beam 7 Average Power = -1.2151 dBi Max value = 20.4603 dBi Efficiency = 75.5937 % theta [degrees] phi [degrees]	Beam7 Average Power = -1.1213 dBi Max value = 20.3195 dBi Efficiency = 77.2456 % theta [degrees] phi [degrees]	Beam 7 Average Power = -1.2016 dBi Max value = 20.7867 dBi Efficiency = 75.8293 % theta [degrees] phi [degrees]

8	Beam 8 Average Power = -1.3039 dBi Max value = 19.0819 dBi Efficiency = 74.0641 % theta [degrees] phi [degrees]	Beam8 Average Power = -1.2519 dBi Max value = 18.7472 dBi Efficiency = 74.9574 % theta [degrees] phi [degrees]	Beam 8 Average Power = -1.3057 dBi Max value = 19.2638 dBi Efficiency = 74.0336 % theta [degrees] phi [degrees]
9	Beam 9 Average Power = -1.4283 dBi Max value = 13.5382 dBi Efficiency = 71.9724 % theta [degrees] phi [degrees]	Beam9 Average Power = -1.2094 dBi Max value = 12.8867 dBi Efficiency = 75.6943 % theta [degrees] phi [degrees]	Beam 9 Average Power = -1.4091 dBi Max value = 12.4168 dBi Efficiency = 72.2912 % theta [degrees] phi [degrees]

10	Beam 10 Average Power = -1.7517 dBi Max value = 13.1076 dBi Efficiency = 66.8086 % theta [degrees] phi [degrees]	Beam10 Average Power = -1.5158 dBi Max value = 13.9787 dBi Efficiency = 70.5374 % theta [degrees] phi [degrees]	Beam 10 Average Power = -1.6596 dBi Max value = 12.7477 dBi Efficiency = 68.2401 % theta [degrees] phi [degrees]
11	Beam 11 Average Power = -1.5857 dBi Max value = 13.4624 dBi Efficiency = 69.4106 % theta [degrees] phi [degrees]	Beam11 Average Power = -1.2807 dBi Max value = 14.2323 dBi Efficiency = 74.4619 % theta [degrees] phi [degrees]	Beam 11 Average Power = -1.5866 dBi Max value = 14.3335 dBi Efficiency = 69.3967 % theta [degrees] phi [degrees]

12	Beam 12 Average Power = -1.2491 dBi Max value = 23.459 dBi Efficiency = 75.0041 % theta [degrees] phi [degrees]	Beam12 Average Power = -1.3362 dBi Max value = 23.0343 dBi Efficiency = 73.5149 % theta [degrees] phi [degrees]	Beam 12 Average Power = -1.6843 dBi Max value = 23.1425 dBi Efficiency = 67.8532 % theta [degrees] phi [degrees]
13	Beam 13 Average Power = -1.2939 dBi Max value = 23.8442 dBi Efficiency = 74.2354 % theta [degrees] phi [degrees]	Beam13 Average Power = -1.3703 dBi Max value = 23.4354 dBi Efficiency = 72.9408 % theta [degrees] phi [degrees]	Beam 13 Average Power = -1.6945 dBi Max value = 23.6309 dBi Efficiency = 67.6941 % theta [degrees] phi [degrees]

14	Beam 14 Average Power = -1.3622 dBi Max value = 23.3517 dBi Efficiency = 73.0772 % theta [degrees] phi [degrees]	Beam14 Average Power = -1.3865 dBi Max value = 22.9254 dBi Efficiency = 72.6692 % theta [degrees] phi [degrees]	Beam 14 Average Power = -1.603 dBi Max value = 23.3955 dBi Efficiency = 69.1349 % theta [degrees] phi [degrees]
15	Beam 15 Average Power = -1.5884 dBi Max value = 19.069 dBi Efficiency = 69.3685 % theta [degrees] phi [degrees]	Beam15 Average Power = -1.449 dBi Max value = 18.4563 dBi Efficiency = 71.6313 % theta [degrees] phi [degrees]	Beam 15 Average Power = -1.5921 dBi Max value = 18.5561 dBi Efficiency = 69.3092 % theta [degrees] phi [degrees]

16	Beam 16 Average Power = -1.6694 dBi Max value = 19.082 dBi Efficiency = 68.0864 % theta [degrees] phi [degrees]	Beam16 Average Power = -1.3954 dBi Max value = 18.9493 dBi Efficiency = 72.5197 % theta [degrees] phi [degrees]	Beam 16 Average Power = -1.5691 dBi Max value = 19.8151 dBi Efficiency = 69.6767 % theta [degrees] phi [degrees]
17	Beam 17 Average Power = -1.6028 dBi Max value = 18.6165 dBi Efficiency = 69.138 % theta [degrees] phi [degrees]	Beam17 Average Power = -1.4043 dBi Max value = 19.1508 dBi Efficiency = 72.3715 % theta [degrees] phi [degrees]	Beam 17 Average Power = -1.6026 dBi Max value = 18.343 dBi Efficiency = 69.1415 % theta [degrees] phi [degrees]

18	Beam 18 Average Power = -1.4434 dBi Max value = 18.6544 dBi Efficiency = 71.7229 % theta [degrees] phi [degrees]	Beam18 Average Power = -1.2689 dBi Max value = 16.8346 dBi Efficiency = 74.664 % theta [degrees] phi [degrees]	Beam 18 Average Power = -1.0946 dBi Max value = 17.1804 dBi Efficiency = 77.7213 % theta [degrees] phi [degrees]
19	Beam 19 Average Power = -1.3251 dBi Max value = 16.6367 dBi Efficiency = 73.7032 % theta [degrees] phi [degrees]	Beam19 Average Power = -1.1129 dBi Max value = 17.4593 dBi Efficiency = 77.394 % theta [degrees] phi [degrees]	Beam 19 Average Power = -1.4658 dBi Max value = 16.6571 dBi Efficiency = 71.3539 % theta [degrees] phi [degrees]

20	Beam 20 Average Power = -1.4493 dBi Max value = 18.1628 dBi Efficiency = 71.6251 % theta [degrees] phi [degrees]	Beam20 Average Power = -1.2752 dBi Max value = 16.2408 dBi Efficiency = 74.5558 % theta [degrees] phi [degrees]	Beam 20 Average Power = -1.1153 dBi Max value = 16.8044 dBi Efficiency = 77.3511 % theta [degrees] phi [degrees]
21	Beam 21 Average Power = -1.5903 dBi Max value = 17.805 dBi Efficiency = 69.3375 % theta [degrees] phi [degrees]	Beam21 Average Power = -1.5909 dBi Max value = 18.7859 dBi Efficiency = 69.3283 % theta [degrees] phi [degrees]	Beam 21 Average Power = -1.3197 dBi Max value = 20.0756 dBi Efficiency = 73.7953 % theta [degrees] phi [degrees]

22	Beam 22 Average Power = -1.4668 dBi Max value = 20.7079 dBi Efficiency = 71.3375 % theta [degrees] phi [degrees]	Beam22 Average Power = -1.5277 dBi Max value = 20.2941 dBi Efficiency = 70.3439 % theta [degrees] phi [degrees]	Beam 22 Average Power = -1.3431 dBi Max value = 20.3806 dBi Efficiency = 73.3982 % theta [degrees] phi [degrees]
23	Beam 23 Average Power = -1.605 dBi Max value = 20.2178 dBi Efficiency = 69.103 % theta [degrees] phi [degrees]	Beam23 Average Power = -1.7319 dBi Max value = 20.0096 dBi Efficiency = 67.114 % theta [degrees] phi [degrees]	Beam 23 Average Power = -1.6221 dBi Max value = 19.5489 dBi Efficiency = 68.8318 % theta [degrees] phi [degrees]

24	Beam 24 Average Power = -1.259 dBi Max value = 19.2663 dBi Efficiency = 74.8347 % theta [degrees] phi [degrees]	Beam24 Average Power = -1.1884 dBi Max value = 18.7169 dBi Efficiency = 76.0615 % theta [degrees] phi [degrees]	Beam 24 Average Power = -1.1868 dBi Max value = 20.1218 dBi Efficiency = 76.0886 % theta [degrees] phi [degrees]
25	Beam 25 Average Power = -1.2438 dBi Max value = 20.2772 dBi Efficiency = 75.0959 % theta [degrees] phi [degrees]	Beam25 Average Power = -1.1626 dBi Max value = 20.292 dBi Efficiency = 76.514 % theta [degrees] phi [degrees]	Beam 25 Average Power = -1.2531 dBi Max value = 20.2996 dBi Efficiency = 74.9357 % theta [degrees] phi [degrees]

26	Beam 26 Average Power = -1.5227 dBi Max value = 12.3553 dBi Efficiency = 70.4255 % theta [degrees] phi [degrees]	Beam26 Average Power = -1.3379 dBi Max value = 11.8587 dBi Efficiency = 73.4872 % theta [degrees] phi [degrees]	Beam 26 Average Power = -1.5696 dBi Max value = 12.737 dBi Efficiency = 69.6686 % theta [degrees] phi [degrees]
27	Beam 27 Average Power = -1.7338 dBi Max value = 14.036 dBi Efficiency = 67.0836 % theta [degrees] phi [degrees]	Beam27 Average Power = -1.476 dBi Max value = 14.1707 dBi Efficiency = 71.1869 % theta [degrees] phi [degrees]	Beam 27 Average Power = -1.7597 dBi Max value = 13.8484 dBi Efficiency = 66.6851 % theta [degrees] phi [degrees]

28	Beam 28 Average Power = -1.2717 dBi Max value = 23.6132 dBi Efficiency = 74.6154 % theta [degrees] phi [degrees]	Beam28 Average Power = -1.355 dBi Max value = 23.199 dBi Efficiency = 73.1978 % theta [degrees] phi [degrees]	Beam 28 Average Power = -1.6943 dBi Max value = 23.3499 dBi Efficiency = 67.6968 % theta [degrees] phi [degrees]
29	Beam 29 Average Power = -1.3622 dBi Max value = 23.3008 dBi Efficiency = 73.0772 % theta [degrees] phi [degrees]	Beam29 Average Power = -1.3865 dBi Max value = 22.8746 dBi Efficiency = 72.6692 % theta [degrees] phi [degrees]	Beam 29 Average Power = -1.603 dBi Max value = 23.3446 dBi Efficiency = 69.1349 % theta [degrees] phi [degrees]

30	Beam 30 Average Power = -1.594 dBi Max value = 18.7234 dBi Efficiency = 69.2793 % theta [degrees] phi [degrees]	Beam30 Average Power = -1.3298 dBi Max value = 19.0382 dBi Efficiency = 73.6241 % theta [degrees] phi [degrees]	Beam 30 Average Power = -1.7476 dBi Max value = 17.9298 dBi Efficiency = 66.8717 % theta [degrees] phi [degrees]
31	Beam 31 Average Power = -1.6523 dBi Max value = 19.5781 dBi Efficiency = 68.3546 % theta [degrees] phi [degrees]	Beam31 Average Power = -1.4524 dBi Max value = 20.0049 dBi Efficiency = 71.5746 % theta [degrees] phi [degrees]	Beam 31 Average Power = -1.5315 dBi Max value = 18.4623 dBi Efficiency = 70.2826 % theta [degrees] phi [degrees]

32	Beam 32 Average Power = -1.3929 dBi Max value = 17.5955 dBi Efficiency = 72.5619 % theta [degrees] phi [degrees]	Beam32 Average Power = -1.24 dBi Max value = 17.1989 dBi Efficiency = 75.163 % theta [degrees] phi [degrees]	Beam 32 Average Power = -1.6155 dBi Max value = 15.8635 dBi Efficiency = 68.9368 % theta [degrees] phi [degrees]
33	Beam 33 Average Power = -1.7719 dBi Max value = 16.1879 dBi Efficiency = 66.499 % theta [degrees] phi [degrees]	Beam33 Average Power = -1.452 dBi Max value = 16.9932 dBi Efficiency = 71.5807 % theta [degrees] phi [degrees]	Beam 33 Average Power = -2.1116 dBi Max value = 15.8346 dBi Efficiency = 61.4947 % theta [degrees] phi [degrees]

34	Beam 34 Average Power = -1.4423 dBi Max value = 20.1353 dBi Efficiency = 71.7418 % theta [degrees] phi [degrees]	Beam34 Average Power = -1.431 dBi Max value = 20.485 dBi Efficiency = 71.9278 % theta [degrees] phi [degrees]	Beam 34 Average Power = -1.1569 dBi Max value = 21.3568 dBi Efficiency = 76.6142 % theta [degrees] phi [degrees]
35	Beam 35 Average Power = -1.5438 dBi Max value = 20.2981 dBi Efficiency = 70.0847 % theta [degrees] phi [degrees]	Beam35 Average Power = -1.6483 dBi Max value = 19.6768 dBi Efficiency = 68.4175 % theta [degrees] phi [degrees]	Beam 35 Average Power = -1.5143 dBi Max value = 19.5286 dBi Efficiency = 70.5617 % theta [degrees] phi [degrees]

36	Beam 36 Average Power = -1.4385 dBi Max value = 17.9323 dBi Efficiency = 71.8038 % theta [degrees] phi [degrees]	Beam36 Average Power = -1.244 dBi Max value = 15.7116 dBi Efficiency = 75.0934 % theta [degrees] phi [degrees]	Beam 36 Average Power = -1.2336 dBi Max value = 17.1769 dBi Efficiency = 75.2732 % theta [degrees] phi [degrees]
37	Beam 37 Average Power = -1.3996 dBi Max value = 16.2795 dBi Efficiency = 72.4497 % theta [degrees] phi [degrees]	Beam37 Average Power = -1.206 dBi Max value = 16.8787 dBi Efficiency = 75.7531 % theta [degrees] phi [degrees]	Beam 37 Average Power = -1.2819 dBi Max value = 16.1719 dBi Efficiency = 74.4402 % theta [degrees] phi [degrees]

38	Beam 38 Average Power = -1.5661 dBi Max value = 17.6187 dBi Efficiency = 69.7253 % theta [degrees] phi [degrees]	Beam38 Average Power = -1.2122 dBi Max value = 17.5221 dBi Efficiency = 75.6447 % theta [degrees] phi [degrees]	Beam 38 Average Power = -1.6663 dBi Max value = 16.8703 dBi Efficiency = 68.1353 % theta [degrees] phi [degrees]
39	Beam 39 Average Power = -1.5236 dBi Max value = 17.4013 dBi Efficiency = 70.4104 % theta [degrees] phi [degrees]	Beam39 Average Power = -1.4139 dBi Max value = 18.1395 dBi Efficiency = 72.2117 % theta [degrees] phi [degrees]	Beam 39 Average Power = -1.7219 dBi Max value = 18.006 dBi Efficiency = 67.2676 % theta [degrees] phi [degrees]

40	Beam 40 Average Power = -1.4153 dBi Max value = 17.873 dBi Efficiency = 72.1886 % theta [degrees] phi [degrees]	Beam40 Average Power = -1.1941 dBi Max value = 16.1564 dBi Efficiency = 75.9617 % theta [degrees] phi [degrees]	Beam 40 Average Power = -1.2274 dBi Max value = 16.3759 dBi Efficiency = 75.3815 % theta [degrees] phi [degrees]
41	Beam 41 Average Power = -1.5856 dBi Max value = 21.5807 dBi Efficiency = 69.4137 % theta [degrees] phi [degrees]	Beam41 Average Power = -1.4955 dBi Max value = 21.6392 dBi Efficiency = 70.8676 % theta [degrees] phi [degrees]	Beam 41 Average Power = -1.8276 dBi Max value = 20.4587 dBi Efficiency = 65.6511 % theta [degrees] phi [degrees]

42	Beam 42 Average Power = -1.6443 dBi Max value = 23.2136 dBi Efficiency = 68.4807 % theta [degrees] phi [degrees]	Beam42 Average Power = -1.4968 dBi Max value = 23.6458 dBi Efficiency = 70.8469 % theta [degrees] phi [degrees]	Beam 42 Average Power = -1.65 dBi Max value = 22.0064 dBi Efficiency = 68.391 % theta [degrees] phi [degrees]
43	Beam 43 Average Power = -1.6816 dBi Max value = 22.9075 dBi Efficiency = 67.8959 % theta [degrees] phi [degrees]	Beam43 Average Power = -1.2752 dBi Max value = 23.4594 dBi Efficiency = 74.5557 % theta [degrees] phi [degrees]	Beam 43 Average Power = -1.6117 dBi Max value = 23.3229 dBi Efficiency = 68.997 % theta [degrees] phi [degrees]

44	Beam 44 Average Power = -1.5659 dBi Max value = 21.068 dBi Efficiency = 69.7283 % theta [degrees] phi [degrees]	Beam44 Average Power = -1.5146 dBi Max value = 21.9443 dBi Efficiency = 70.5563 % theta [degrees] phi [degrees]	Beam 44 Average Power = -1.6372 dBi Max value = 22.4436 dBi Efficiency = 68.5933 % theta [degrees] phi [degrees]
45	Beam 45 Average Power = -1.627 dBi Max value = 21.2949 dBi Efficiency = 68.7545 % theta [degrees] phi [degrees]	Beam45 Average Power = -1.4081 dBi Max value = 22.5739 dBi Efficiency = 72.3093 % theta [degrees] phi [degrees]	Beam 45 Average Power = -1.4647 dBi Max value = 23.1548 dBi Efficiency = 71.3729 % theta [degrees] phi [degrees]

46	Beam 46 Average Power = -1.438 dBi Max value = 20.0768 dBi Efficiency = 71.8124 % theta [degrees] phi [degrees]	Beam46 Average Power = -1.2197 dBi Max value = 18.6502 dBi Efficiency = 75.5141 % theta [degrees] phi [degrees]	Beam 46 Average Power = -1.3405 dBi Max value = 20.26 dBi Efficiency = 73.4424 % theta [degrees] phi [degrees]
47	Beam 47 Average Power = -1.565 dBi Max value = 18.3612 dBi Efficiency = 69.7429 % theta [degrees] phi [degrees]	Beam47 Average Power = -1.2796 dBi Max value = 19.5627 dBi Efficiency = 74.4804 % theta [degrees] phi [degrees]	Beam 47 Average Power = -1.8079 dBi Max value = 18.5625 dBi Efficiency = 65.9487 % theta [degrees] phi [degrees]

48	Beam 48 Average Power = -1.5121 dBi Max value = 18.8899 dBi Efficiency = 70.5979 % theta [degrees] phi [degrees]	Beam48 Average Power = -1.2135 dBi Max value = 20.7145 dBi Efficiency = 75.6216 % theta [degrees] phi [degrees]	Beam 48 Average Power = -1.7277 dBi Max value = 20.5902 dBi Efficiency = 67.1788 % theta [degrees] phi [degrees]
49	Beam 49 Average Power = -1.6219 dBi Max value = 20.0682 dBi Efficiency = 68.835 % theta [degrees] phi [degrees]	Beam49 Average Power = -1.2964 dBi Max value = 20.2847 dBi Efficiency = 74.1932 % theta [degrees] phi [degrees]	Beam 49 Average Power = -1.834 dBi Max value = 19.8345 dBi Efficiency = 65.5546 % theta [degrees] phi [degrees]

50	Beam 50 Average Power = -1.3541 dBi Max value = 21.4354 dBi Efficiency = 73.2141 % theta [degrees] phi [degrees]	Beam50 Average Power = -1.1874 dBi Max value = 18.3882 dBi Efficiency = 76.0787 % theta [degrees] phi [degrees]	Beam 50 Average Power = -1.267 dBi Max value = 18.1849 dBi Efficiency = 74.6957 % theta [degrees] phi [degrees]
51	Beam 51 Average Power = -1.4226 dBi Max value = 17.6374 dBi Efficiency = 72.0673 % theta [degrees] phi [degrees]	Beam51 Average Power = -1.2099 dBi Max value = 17.1123 dBi Efficiency = 75.685 % theta [degrees] phi [degrees]	Beam 51 Average Power = -1.252 dBi Max value = 16.5467 dBi Efficiency = 74.9557 % theta [degrees] phi [degrees]