









# Pa Data@tats:9.6+Gai

|     |     |     |     |      |     |     |     |     |     |     |     |     |     |     |     |      |      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.0 | 0.1 | 0.2 | 0.3 | 0.4  | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6  | 1.7  | 1.8 | 1.9 | 2.0 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.4 | 3.5 | 3.6 | 3.7 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 4.3 | 4.4 | 4.5 | 4.6 | 4.7 | 4.8 | 4.9 | 5.0 | 5.1 | 5.2 | 5.3 | 5.4 | 5.5 | 5.6 | 5.7 | 5.8 | 5.9 | 6.0 | 6.1 | 6.2 | 6.3 | 6.4 | 6.5 | 6.6 | 6.7 | 6.8 | 6.9 | 7.0 | 7.1 | 7.2 | 7.3 | 7.4 | 7.5 | 7.6 | 7.7 | 7.8 | 7.9 | 8.0 | 8.1 | 8.2 | 8.3 | 8.4 | 8.5 | 8.6 | 8.7 | 8.8 | 8.9 | 9.0 | 9.1 | 9.2 | 9.3 | 9.4 | 9.5 | 9.6 | 9.7 | 9.8 | 9.9 | 10.0 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| 0.0 | 337 | 652 | 977 | 1302 | 204 | 335 | 428 | 561 | 851 | 808 | 899 | 696 | 646 | 219 | 927 | 1947 | 1433 | 257 | 583 | 495 | 397 | 303 | 238 | 179 | 137 | 942 | 646 | 460 | 318 | 181 | 108 | 672 | 421 | 257 | 153 | 85  | 47  | 25  | 13  | 7   | 4   | 2   | 1   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0   | 0    | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |







## Raw Data @ Ant3 7 125GHz Gain Phi

[illegible]





**Figure 1**





## Raw Data @ Ant4 2.5GHz Gain Ph

0.0 0.1 0.2 0.3 0.4 0.5 0.6 0.7 0.8 0.9 1.0 1.1 1.2 1.3 1.4 1.5 1.6 1.7 1.8 1.9 2.0 2.1 2.2 2.3 2.4 2.5 2.6 2.7 2.8 2.9 3.0 3.1 3.2 3.3 3.4 3.5 3.6 3.7 3.8 3.9 4.0 4.1 4.2 4.3 4.4 4.5 4.6 4.7 4.8 4.9 5.0 5.1 5.2 5.3 5.4 5.5 5.6 5.7 5.8 5.9 6.0 6.1 6.2 6.3 6.4 6.5 6.6 6.7 6.8 6.9 7.0 7.1 7.2 7.3 7.4 7.5 7.6 7.7 7.8 7.9 8.0 8.1 8.2 8.3 8.4 8.5 8.6 8.7 8.8 8.9 9.0 9.1 9.2 9.3 9.4 9.5 9.6 9.7 9.8 9.9 10.0 10.1 10.2 10.3 10.4 10.5 10.6 10.7 10.8 10.9 11.0 11.1 11.2 11.3 11.4 11.5 11.6 11.7 11.8 11.9 12.0 12.1 12.2 12.3 12.4 12.5 12.6 12.7 12.8 12.9 13.0 13.1 13.2 13.3 13.4 13.5 13.6 13.7 13.8 13.9 14.0 14.1 14.2 14.3 14.4 14.5 14.6 14.7 14.8 14.9 15.0 15.1 15.2 15.3 15.4 15.5 15.6 15.7 15.8 15.9 16.0 16.1 16.2 16.3 16.4 16.5 16.6 16.7 16.8 16.9 17.0 17.1 17.2 17.3 17.4 17.5 17.6 17.7 17.8 17.9 18.0 18.1 18.2 18.3 18.4 18.5 18.6 18.7 18.8 18.9 19.0 19.1 19.2 19.3 19.4 19.5 19.6 19.7 19.8 19.9 20.0 20.1 20.2 20.3 20.4 20.5 20.6 20.7 20.8 20.9 21.0 21.1 21.2 21.3 21.4 21.5 21.6 21.7 21.8 21.9 22.0 22.1 22.2 22.3 22.4 22.5 22.6 22.7 22.8 22.9 23.0 23.1 23.2 23.3 23.4 23.5 23.6 23.7 23.8 23.9 24.0 24.1 24.2 24.3 24.4 24.5 24.6 24.7 24.8 24.9 25.0 25.1 25.2 25.3 25.4 25.5 25.6 25.7 25.8 25.9 26.0 26.1 26.2 26.3 26.4 26.5 26.6 26.7 26.8 26.9 27.0 27.1 27.2 27.3 27.4 27.5 27.6 27.7 27.8 27.9 28.0 28.1 28.2 28.3 28.4 28.5 28.6 28.7 28.8 28.9 29.0 29.1 29.2 29.3 29.4 29.5 29.6 29.7 29.8 29.9 30.0 30.1 30.2 30.3 30.4 30.5 30.6 30.7 30.8 30.9 31.0 31.1 31.2 31.3 31.4 31.5 31.6 31.7 31.8 31.9 32.0 32.1 32.2 32.3 32.4 32.5 32.6 32.7 32.8 32.9 33.0 33.1 33.2 33.3 33.4 33.5 33.6 33.7 33.8 33.9 34.0 34.1 34.2 34.3 34.4 34.5 34.6 34.7 34.8 34.9 35.0 35.1 35.2 35.3 35.4 35.5 35.6 35.7 35.8 35.9 36.0 36.1 36.2 36.3 36.4 36.5 36.6 36.7 36.8 36.9 37.0 37.1 37.2 37.3 37.4 37.5 37.6 37.7 37.8 37.9 38.0 38.1 38.2 38.3 38.4 38.5 38.6 38.7 38.8 38.9 39.0 39.1 39.2 39.3 39.4 39.5 39.6 39.7 39.8 39.9 40.0 40.1 40.2 40.3 40.4 40.5 40.6 40.7 40.8 40.9 41.0 41.1 41.2 41.3 41.4 41.5 41.6 41.7 41.8 41.9 42.0 42.1 42.2 42.3 42.4 42.5 42.6 42.7 42.8 42.9 43.0 43.1 43.2 43.3 43.4 43.5 43.6 43.7 43.8 43.9 44.0 44.1 44.2 44.3 44.4 44.5 44.6 44.7 44.8 44.9 45.0 45.1 45.2 45.3 45.4 45.5 45.6 45.7 45.8 45.9 46.0 46.1 46.2 46.3 46.4 46.5 46.6 46.7 46.8 46.9 47.0 47.1 47.2 47.3 47.4 47.5 47.6 47.7 47.8 47.9 48.0 48.1 48.2 48.3 48.4 48.5 48.6 48.7 48.8 48.9 49.0 49.1 49.2 49.3 49.4 49.5 49.6 49.7 49.8 49.9 50.0 50.1 50.2 50.3 50.4 50.5 50.6 50.7 50.8 50.9 51.0 51.1 51.2 51.3 51.4 51.5 51.6 51.7 51.8 51.9 52.0 52.1 52.2 52.3 52.4 52.5 52.6 52.7 52.8 52.9 53.0 53.1 53.2 53.3 53.4 53.5 53.6 53.7 53.8 53.9 54.0 54.1 54.2 54.3 54.4 54.5 54.6 54.7 54.8 54.9 55.0 55.1 55.2 55.3 55.4 55.5 55.6 55.7 55.8 55.9 56.0 56.1 56.2 56.3 56.4 56.5 56.6 56.7 56.8 56.9 57.0 57.1 57.2 57.3 57.4 57.5 57.6 57.7 57.8 57.9 58.0 58.1 58.2 58.3 58.4 58.5 58.6 58.7 58.8 58.9 59.0 59.1 59.2 59.3 59.4 59.5 59.6 59.7 59.8 59.9 60.0 60.1 60.2 60.3 60.4 60.5 60.6 60.7 60.8 60.9 61.0 61.1 61.2 61.3 61.4 61.5 61.6 61.7 61.8 61.9 62.0 62.1 62.2 62.3 62.4 62.5 62.6 62.7 62.8 62.9 63.0 63.1 63.2 63.3 63.4 63.5 63.6 63.7 63.8 63.9 64.0 64.1 64.2 64.3 64.4 64.5 64.6 64.7 64.8 64.9 65.0 65.1 65.2 65.3 65.4 65.5 65.6 65.7 65.8 65.9 66.0 66.1 66.2 66.3 66.4 66.5 66.6 66.7 66.8 66.9 67.0 67.1 67.2 67.3 67.4 67.5 67.6 67.7 67.8 67.9 68.0 68.1 68.2 68.3 68.4 68.5 68.6 68.7 68.8 68.9 69.0 69.1 69.2 69.3 69.4 69.5 69.6 69.7 69.8 69.9 70.0 70.1 70.2 70.3 70.4 70.5 70.6 70.7 70.8 70.9 71.0 71.1 71.2 71.3 71.4 71.5 71.6 71.7 71.8 71.9 72.0 72.1 72.2 72.3 72.4 72.5 72.6 72.7 72.8 72.9 73.0 73.1 73.2 73.3 73.4 73.5 73.6 73.7 73.8 73.9 74.0 74.1 74.2 74.3 74.4 74.5 74.6 74.7 74.8 74.9 75.0 75.1 75.2 75.3 75.4 75.5 75.6 75.7 75.8 75.9 76.0 76.1 76.2 76.3 76.4 76.5 76.6 76.7 76.8 76.9 77.0 77.1 77.2 77.3 77.4 77.5 77.6 77.7 77.8 77.9 78.0 78.1 78.2 78.3 78.4 78.5 78.6 78.7 78.8 78.9 79.0 79.1 79.2 79.3 79.4 79.5 79.6 79.7 79.8 79.9 80.0 80.1 80.2 80.3 80.4 80.5 80.6 80.7 80.8 80.9 81.0 81.1 81.2 81.3 81.4 81.5 81.6 81.7 81.8 81.9 82.0 82.1 82.2 82.3 82.4 82.5 82.6 82.7 82.8 82.9 83.0 83.1 83.2 83.3









[illegible]

# Raw Data @ 2020 5.6GHz Gain Phi

[GHz][Phi] 0.0 0.5 1.0 0.15 0.20 0.25 0.30 0.35 0.40 0.45 0.50 0.55 0.60 0.65 0.70 0.75 0.80 0.85 0.90 0.95 0.100 0.105 0.110 0.115 0.120 0.125 0.130 0.135 0.140 0.145 0.150 0.155 0.160 0.165 0.170 0.175 0.180 0.185 0.190 0.195 0.200 0.205 0.210 0.215 0.220 0.225 0.230 0.235 0.240 0.245 0.250 0.255 0.260 0.265 0.270 0.275 0.280 0.285 0.290 0.295 0.300 0.305 0.310 0.315 0.320 0.325 0.330 0.335 0.340 0.345 0.350 0.355 0.360

0.00 -8.524 -7.441 -6.352 -5.333 -4.427 -3.593 -2.874 -2.248 -1.709 -1.255 -0.866 -0.552 -0.306 -0.123 -0.004 0.085 -0.001 -0.122 -0.304 -0.55 -0.861 -1.246 -1.704 -2.242 -2.867 -3.585 -4.434 -5.333 -6.352 -7.441 -8.524 -9.749 -11.000 -12.242 -13.467 -14.667 -15.843 -17.000 -18.143 -19.274 -20.393 -21.495 -22.579 -23.637 -24.672 -25.684 -26.664 -27.614 -28.540 -29.441 -30.317 -31.174 -32.012 -32.822 -33.604 -34.360 -35.091 -35.796 -36.476 -37.131 -37.771 -38.395 -38.993 -39.566 -40.114 -40.637 -41.136 -41.614 -42.072 -42.520 -42.948 -43.357 -43.747 -44.119 -44.474 -44.813 -45.137 -45.446 -45.741 -46.023 -46.294 -46.552 -46.798 -47.030 -47.248 -47.454 -47.646 -47.824 -47.989 -48.143 -48.286 -48.419 -48.542 -48.655 -48.758 -48.851 -48.935 -49.009 -49.073 -49.128 -49.174 -49.212 -49.242 -49.265 -49.281 -49.290 -49.294 -49.294 -49.290 -49.281 -49.265 -49.242 -49.212 -49.174 -49.128 -49.073 -49.009 -48.935 -48.851 -48.758 -48.655 -48.542 -48.419 -48.286 -48.143 -48.000 -47.847 -47.684 -47.512 -47.322 -47.126 -46.924 -46.717 -46.505 -46.288 -46.067 -45.843 -45.616 -45.386 -45.153 -44.917 -44.678 -44.436 -44.192 -43.946 -43.697 -43.445 -43.189 -42.930 -42.668 -42.404 -42.138 -41.869 -41.597 -41.323 -41.047 -40.768 -40.486 -40.199 -39.908 -39.614 -39.317 -39.015 -38.710 -38.403 -38.094 -37.783 -37.469 -37.153 -36.835 -36.516 -36.196 -35.875 -35.553 -35.230 -34.906 -34.582 -34.257 -33.931 -33.604 -33.277 -32.949 -32.620 -32.291 -31.961 -31.631 -31.299 -30.967 -30.634 -30.299 -29.963 -29.627 -29.290 -28.953 -28.616 -28.279 -27.942 -27.605 -27.268 -26.931 -26.594 -26.257 -25.920 -25.583 -25.246 -24.909 -24.572 -24.235 -23.898 -23.561 -23.224 -22.887 -22.550 -22.213 -21.876 -21.539 -21.202 -20.865 -20.528 -20.191 -19.854 -19.517 -19.180 -18.843 -18.506 -18.169 -17.832 -17.495 -17.158 -16.821 -16.484 -16.147 -15.810 -15.473 -15.136 -14.799 -14.462 -14.125 -13.788 -13.451 -13.114 -12.777 -12.440 -12.103 -11.766 -11.429 -11.092 -10.755 -10.418 -10.081 -9.744 -9.407 -9.070 -8.733 -8.396 -8.059 -7.722 -7.385 -7.048 -6.711 -6.374 -6.037 -5.699 -5.362 -5.025 -4.688 -4.351 -4.014 -3.677 -3.340 -3.003 -2.666 -2.329 -1.992 -1.655 -1.318 -0.981 -0.644 -0.307 -0.000 0.307 0.614 0.921 1.228 1.535 1.842 2.149 2.456 2.763 3.070 3.377 3.684 3.991 4.298 4.605 4.912 5.219 5.526 5.833 6.140 6.447 6.754 7.061 7.368 7.675 7.982 8.289 8.596 8.903 9.210 9.517 9.824 10.131 10.438 10.745 11.052 11.359 11.666 11.973 12.280 12.587 12.894 13.201 13.508 13.815 14.122 14.429 14.736 15.043 15.350 15.657 15.964 16.271 16.578 16.885 17.192 17.499 17.806 18.113 18.420 18.727 19.034 19.341 19.648 19.955 20.262 20.569 20.876 21.183 21.490 21.797 22.104 22.411 22.718 23.025 23.332 23.639 23.946 24.253 24.560 24.867 25.174 25.481 25.788 26.095 26.402 26.709 27.016 27.323 27.630 27.937 28.244 28.551 28.858 29.165 29.472 29.779 30.086 30.393 30.700 31.007 31.314 31.621 31.928 32.235 32.542 32.849 33.156 33.463 33.770 34.077 34.384 34.691 34.998 35.305 35.612 35.919 36.226 36.533 36.840 37.147 37.454 37.761 38.068 38.375 38.682 38.989 39.296 39.603 39.910 40.217 40.524 40.831 41.138 41.445 41.752 42.059 42.366 42.673 42.980 43.287 43.594 43.901 44.208 44.515 44.822 45.129 45.436 45.743 46.050 46.357 46.664 46.971 47.278 47.585 47.892 48.199 48.506 48.813 49.120 49.427 49.734 50.041 50.348 50.655 50.962 51.269 51.576 51.883 52.190 52.497 52.804 53.111 53.418 53.725 54.032 54.339 54.646 54.953 55.260 55.567 55.874 56.181 56.488 56.795 57.102 57.409 57.716 58.023 58.330 58.637 58.944 59.251 59.558 59.865 60.172 60.479 60.786 61.093 61.399 61.706 62.013 62.320 62.627 62.934 63.241 63.548 63.855 64.162 64.469 64.776 65.083 65.390 65.697 66.004 66.311 66.618 66.925 67.232 67.539 67.846 68.153 68.460 68.767 69.074 69.381 69.688 69.995 70.302 70.609 70.916 71.223 71.530 71.837 72.144 72.451 72.758 73.065 73.372 73.679 73.986 74.293 74.600 74.907 75.214 75.521 75.828 76.135 76.442 76.749 77.056 77.363 77.670 77.977 78.284 78.591 78.898 79.205 79.512 79.819 80.126 80.433 80.740 81.047 81.354 81.661 81.968 82.275 82.582 82.889 83.196 83.503 83.810 84.117 84.424 84.731 85.038 85.345 85.652 85.959 86.266 86.573 86.880 87.187 87.494 87.801 88.108 88.415 88.722 89.029 89.336 89.643 89.950 90.257 90.564 90.871 91.178 91.485 91.792 92.099 92.406 92.713 93.020 93.327 93.634 93.941 94.248 94.555 94.862 95.169 95.476 95.783 96.090 96.397 96.704 97.011 97.318 97.625 97.932 98.239 98.546 98.853 99.160 99.467 99.774 100.081 100.388 100.695 101.002 101.309 101.616 101.923 102.230 102.537 102.844 103.151 103.458 103.765 104.072 104.379 104.686 104.993 105.300 105.607 105.914 106.221 106.528 106.835 107.142 107.449 107.756 108.063 108.370 108.677 108.984 109.291 109.598 109.905 110.212 110.519 110.826 111.133 111.440 111.747 112.054 112.361 112.668 112.975 113.282 113.589 113.896 114.203 114.510 114.817 115.124 115.431 115.738 116.045 116.352 116.659 116.966 117.273 117.580 117.887 118.194 118.501 118.808 119.115 119.422 119.729 120.036 120.343 120.650 120.957 121.264 121.571 121.878 122.185 122.492 122.799 123.106 123.413 123.720 124.027 124.334 124.641 124.948 125.255 125.562 125.869 126.176 126.483 126.790 127.097 127.404 127.711 128.018 128.325 128.632 128.939 129.246 129.553 129.860 130.167 130.474 130.781 131.088 131.395 131.702 132.009 132.316 132.623 132.930 133.237 133.544 133.851 134.158 134.465 134.772 135.079 135.386 135.693 135.999 136.306 136.613 136.920 137.227 137.534 137.841 138.148 138.455 138.762 139.069 139.376 139.683 139.990 140.297 140.604 140.911 141.218 141.525 141.832 142.139 142.446 142.753 143.060 143.367 143.674 143.981 144.288 144.595 144.902 145.209 145.516 145.823 146.130 146.437 146.744 147.051 147.358 147.665 147.972 148.279 148.586 148.893 149.200 149.507 149.814 150.121 150.428 150.735 151.042 151.349 151.656 151.963 152.270 152.577 152.884 153.191 153.498 153.805 154.112 154.419 154.726 155.033 155.340 155.647 155.954 156.261 156.568 156.875 157.182 157.489 157.796 158.103 158.410 158.717 159.024 159.331 159.638 159.945 160.252 160.559 160.866 161.173 161.480 161.787 162.094 162.401 162.708 163.015 163.322 163.629 163.936 164.243 164.550 164.857 165.164 165.471 165.778 166.085 166.392 166.699 167.006 167.313 167.620 167.927 168.234 168.541 168.848 169.155 169.462 169.769 170.076 170.383 170.690 170.997 171.304 171.611 171.918 172.225 172.532 172.839 173.146 173.453 173.760 174.067 174.374 174.681 174.988 175.295 175.602 175.909 176.216 176.523 176.830 177.137 177.444 177.751 178.058 178.365 178.672 178.979 179.286 179.593 179.900 180.207 180.514 180.821 181.128 181.435 181.742 182.049 182.356 182.663 182.970 183.277 183.584 183.891 184.198 184.505 184.812 185.119 185.426 185.733 186.040 186.347 186.654 186.961 187.268 187.575 187.882 188.189 188.496 188.803 189.110 189.417 189.724 190.031 190.338 190.645 190.952 191.259 191.566 191.873 192.180 192.487 192.794 193.101 193.408 193.715 194.022 194.329 194.636 194.943 195.250 195.557 195.864 196.171 196.478 196.785 197.092 197.399 197.706 198.013 198.320 198.627 198.934 199.241 199.548 199.855 200.162 200.469 200.776 201.083 201.390 201.697 202.004 202.311 202.618 202.925 203.232 203.539 203.846 204.153 204.460 204.767 205.074 205.381 205.688 205.995 206.302 206.609 206.916 207.223 207.530 207.837 208.144 208.451 208.758 209.065 209.372 209.679 209.986 210.293 210.600 210.907 211.214 211.521 211.828 212.135 212.442 212.749 213.056 213.363 213.670 213.977 214.284 214.591 214.898 215.205 215.512 215.819 216.126 216.433 216.740 217.047 217.354 217.661 217.968 218.275 218.582 218.889 219.196 219.503 219.810 220.117 220.424 220.731 221.038 221.345 221.652 221.959 222.266 222.573 222.880 223.187 223.494 223.801 224.108 224.415 224.722 225.029 225.336 225.643 225.950 226.257 226.564 226.871 227.178 227.485 227.792 228.100 228.407 228.714 229.021 229.328 229.635 229.942 230.249 230.556 230.863 231.170 231.477 231.784 232.091 232.398 232.705 233.012 233.319 233.626 233.933 234.240 234.547 234.854 235.161 235.468 235.775 236.082 236.389 236.696 237.003 237.310 237.617 237.924 238.231 238.538 238.845 239.152 239.459 239.766 240.073 240.380 240.687 240.994 241.301 241.608 241.915 242.222 242.529 242.836 243.143 243.450 243.757 244.064 244.371 244.678 244.985 245.292 245.599 245.906 246.213 246.520 246.827 247.134 247.441 247.748 248.055 248.362 248.669 248.976 249.283 249.590 249.897 250.204 250.511 250.818 251.125 251.432 251.739 252.046 252.353 252.660 252.967 253.274 253.581 253.888 254.195 254.502 254.809 255.116 255.423 255.730 256.037 256.344 256.651 256.958 257.265 257.572 257.879 258.186 258.493 258.800 259.107 259.414 259.721 260.028 260.335 260.642 260.949 261.256 261.563 261.870 262.177 262.484 262.791 263.098 263.405 263.712 264.019 264.326 264.633 264.940 265.247 265.554 265.861 266.168 266.475 266.782 267.089 267.396 267.703 268.010 268.317 268.624 268.931 269.238 269.545 269.852 270.159 270.466 270.773 271.080 271.387 271.694 272.001 272.308 272.615 272.922 273.229 273.536 273.843 274.150 274.457 274.764 275.071 275.378 275.685 275.992 276.300 276.607 276.914 277.221 277.528 277.835 278.142 278.449 278.756 279.063 279.370 279.677 279.984 280.291 280.598 280.905 281.212 281.519 281.826 282.133 282.440 282.747 283.054 283.361 283.668 283.975 284.282 284.589 284.896 285.203 285.510 285.817 286.124 286.431 286.738 287.045 287.352 287.659 287.966 288.273 288.580 288.887 289.194 289.501 289.808 290.115 290.422 290.729 291.036 291.343 291.650 291.957 292.264 292.571 292.878 293.185 293.492 293.800 294.107 294.414 294.721 295.028 295.335 295.642 295.949 296.256 296.563 296.870 297.177 297.484 297.791 298.098 298.405 298.712 299.019 299.326 299.633 299.940 300.247 300.554 300.861 301.168 301.475 301.782 302.089 302.396 302.703 303.010 303.317 303.624 303.931 304.238 304.545 304.852 305.159 305.466 305.773 306.080 306.387 306.694 307.001 307.308 307.615 307.922 308.229 308.536 308.843 309.150 309.457 309.764 310.071 310.378 310.685 310.992 311.300 311.607 311.913 312.220 312.527 312.834 313.141 313.448 313.755 314.062 314.369 314.676 314.983 315.290 315.597 315.904 316.211 316.518 316.825 317.132 317.439 317.746 318.053 318.360 318.667 318.974 319.281 319.588 319.895 320.202 320.509 320.816 321.123 321.430 321.737 322.044 322.351 322.658 322.965 323.272 323.579 323.886 324.193 324.500 324.807 325.114 325.421 325.728 326.035 326.342 326.649 326.956 327.263 327.570 327.877 328.184 328.491 328.798 329.105 329.412 329.719 330.026 330.333 330.640 330.947 331.254 331.561 331.868 332.169 332.476 332.783 333.090 333.397 333.704 334.011 334.318 334.625 334.932 335.239 335.546 335.853 336.160 336.467 336.774 337.081 337.388 337.695 338.002 338.309 338.616 338.923 339.230 339.537 339.844 340.151 340.458 340.765 341.072 341.379 341.686 341.993 342.300 342.607 342.914 343.221 343.528 343.835 344.142 344.449 344.756 345.063 345.370 345.677 345.984 346.291 346.598 346.905 347.212 347.519 347.826 348.133 348.440 348.747 349.054 349.361 349.668 349.975 350.282 350.589 350.896 351.203 351.510 351.817 352.124 352.431 352.738 353.045 353.352 353.659 353.966 354.273 354.580 354.887 355.194 355.501 355.808 356.115 356.422 356.729 357.036 357.343 357.650 357.957 358.264 358.571 358.878 359.185 359.492 359.800 360.107 360.414 360.721 361.028 361.335 361.642 361.949 362.256 362.563 362.870 363.177 363.484 363.791 364.098 364.405 364.712 365.019 365.326 365.633 365.940 366.247 366.554 366.861 367.168 367.475 367.782 368.089 368.396 368.703 369.010 369.317 369.624 369.931 370.238 370.545 370.852 371.159 371.466 371.773 372.080 372.387 372.694 373.001 373.308 373.615 373.922 374.229 374.536 374.843 375.150 375.457 375.764 376.071 376.378 376.685 376.992 377.300 377.607 377.914 378.221 378.528 378.835 379.142 379.449 379.756 380.063 380.370 380.677 380.984 381.291 381.598 381.905 382.212 382.519 382.826 383.133 383.440 383.747 384.054 384.361 384.668 384.975 385.282 385.589 385.896 386.203 386.510 386.817 387.124 387.431 387.738 388.045 388.352 388.659 388.966 389.273 389.580 389.887 390.194 390.501 390.808 391.115 391.422 391.729 392.036 392.343 392.650 392.957 393.264 393.571 393.878 394.185 394.492 394.800 395.107 395.414 395.721 396.028 396.335 396.642 39

## Raw Data @ Ant4 5.785GHz Gain Theta

|      |            |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.01 | 0.15       | 0.20   | 0.25  | 0.30  | 0.35  | 0.40  | 0.45  | 0.50  | 0.55  | 0.60  | 0.65  | 0.70  | 0.75  | 0.80  | 0.85  | 0.90  | 0.95  | 1.00  | 1.05  | 1.10  | 1.15  | 1.20  | 1.25  | 1.30  | 1.35  | 1.40  | 1.45  | 1.50  | 1.55  | 1.60  | 1.65  | 1.70  | 1.75  | 1.80  | 1.85  | 1.90  | 1.95  | 2.00  | 2.05  | 2.10  | 2.15  | 2.20  | 2.25  | 2.30  | 2.35  | 2.40  | 2.45  | 2.50  | 2.55  | 2.60  | 2.65  | 2.70  | 2.75  | 2.80  | 2.85  | 2.90  | 2.95  | 3.00  | 3.05  | 3.10  | 3.15  | 3.20  | 3.25  | 3.30  | 3.35  | 3.40  | 3.45  | 3.50  | 3.55  | 3.60  | 3.65  | 3.70  | 3.75  | 3.80  | 3.85  | 3.90  | 3.95  | 4.00  | 4.05  | 4.10  | 4.15  | 4.20  | 4.25  | 4.30  | 4.35  | 4.40  | 4.45  | 4.50  | 4.55  | 4.60  | 4.65  | 4.70  | 4.75  | 4.80  | 4.85  | 4.90  | 4.95  | 5.00  | 5.05  | 5.10  | 5.15  | 5.20  | 5.25  | 5.30  | 5.35  | 5.40  | 5.45  | 5.50  | 5.55  | 5.60  | 5.65  | 5.70  | 5.75  | 5.80  | 5.85  | 5.90  | 5.95  | 6.00  | 6.05  | 6.10  | 6.15  | 6.20  | 6.25  | 6.30  | 6.35  | 6.40  | 6.45  | 6.50  | 6.55  | 6.60  | 6.65  | 6.70  | 6.75  | 6.80  | 6.85  | 6.90  | 6.95  | 7.00  | 7.05  | 7.10  | 7.15  | 7.20  | 7.25  | 7.30  | 7.35  | 7.40  | 7.45  | 7.50  | 7.55  | 7.60  | 7.65  | 7.70  | 7.75  | 7.80  | 7.85  | 7.90  | 7.95  | 8.00  | 8.05  | 8.10  | 8.15  | 8.20  | 8.25  | 8.30  | 8.35  | 8.40  | 8.45  | 8.50  | 8.55  | 8.60  | 8.65  | 8.70  | 8.75  | 8.80  | 8.85  | 8.90  | 8.95  | 9.00  | 9.05  | 9.10  | 9.15  | 9.20  | 9.25  | 9.30  | 9.35  | 9.40  | 9.45  | 9.50  | 9.55  | 9.60  | 9.65  | 9.70  | 9.75  | 9.80  | 9.85  | 9.90  | 9.95  | 10.00 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
| 0.01 | 0.86115557 | 1.1427 | 1.287 | 1.367 | 1.424 | 1.472 | 1.519 | 1.563 | 1.604 | 1.642 | 1.678 | 1.712 | 1.743 | 1.772 | 1.800 | 1.826 | 1.850 | 1.872 | 1.892 | 1.910 | 1.926 | 1.941 | 1.955 | 1.968 | 1.979 | 1.989 | 1.997 | 2.004 | 2.010 | 2.015 | 2.019 | 2.023 | 2.026 | 2.029 | 2.031 | 2.033 | 2.035 | 2.037 | 2.039 | 2.041 | 2.043 | 2.045 | 2.047 | 2.049 | 2.051 | 2.053 | 2.055 | 2.057 | 2.059 | 2.061 | 2.063 | 2.065 | 2.067 | 2.069 | 2.071 | 2.073 | 2.075 | 2.077 | 2.079 | 2.081 | 2.083 | 2.085 | 2.087 | 2.089 | 2.091 | 2.093 | 2.095 | 2.097 | 2.099 | 2.101 | 2.103 | 2.105 | 2.107 | 2.109 | 2.111 | 2.113 | 2.115 | 2.117 | 2.119 | 2.121 | 2.123 | 2.125 | 2.127 | 2.129 | 2.131 | 2.133 | 2.135 | 2.137 | 2.139 | 2.141 | 2.143 | 2.145 | 2.147 | 2.149 | 2.151 | 2.153 | 2.155 | 2.157 | 2.159 | 2.161 | 2.163 | 2.165 | 2.167 | 2.169 | 2.171 | 2.173 | 2.175 | 2.177 | 2.179 | 2.181 | 2.183 | 2.185 | 2.187 | 2.189 | 2.191 | 2.193 | 2.195 | 2.197 | 2.199 | 2.201 | 2.203 | 2.205 | 2.207 | 2.209 | 2.211 | 2.213 | 2.215 | 2.217 | 2.219 | 2.221 | 2.223 | 2.225 | 2.227 | 2.229 | 2.231 | 2.233 | 2.235 | 2.237 | 2.239 | 2.241 | 2.243 | 2.245 | 2.247 | 2.249 | 2.251 | 2.253 | 2.255 | 2.257 | 2.259 | 2.261 | 2.263 | 2.265 | 2.267 | 2.269 | 2.271 | 2.273 | 2.275 | 2.277 | 2.279 | 2.281 | 2.283 | 2.285 | 2.287 | 2.289 | 2.291 | 2.293 | 2.295 | 2.297 | 2.299 | 2.301 | 2.303 | 2.305 | 2.307 | 2.309 | 2.311 | 2.313 | 2.315 | 2.317 | 2.319 | 2.321 | 2.323 | 2.325 | 2.327 | 2.329 | 2.331 | 2.333 | 2.335 | 2.337 | 2.339 | 2.341 | 2.343 | 2.345 | 2.347 | 2.349 | 2.351 | 2.353 | 2.355 | 2.357 | 2.359 | 2.361 | 2.363 | 2.365 | 2.367 | 2.369 | 2.371 | 2.373 | 2.375 | 2.377 | 2.379 | 2.381 | 2.383 | 2.385 | 2.387 | 2.389 | 2.391 | 2.393 | 2.395 | 2.397 | 2.399 | 2.401 | 2.403 | 2.405 | 2.407 | 2.409 | 2.411 | 2.413 | 2.415 | 2.417 |

## Raw Data @ Ant4 5.785GHz Gain Phi

[illegible]



## SERCOM

SERCOM

[illegible]

## Raw Data @ Ant4 5.92GHz Gain Phi

|     |        |       |        |        |        |         |         |        |        |         |         |         |         |         |          |         |         |         |         |         |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
|-----|--------|-------|--------|--------|--------|---------|---------|--------|--------|---------|---------|---------|---------|---------|----------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---|
|     | [0]    | [1]   | [2]    | [3]    | [4]    | [5]     | [6]     | [7]    | [8]    | [9]     | [10]    | [11]    | [12]    | [13]    | [14]     | [15]    | [16]    | [17]    | [18]    | [19]    | [20]   | [21]   | [22]   | [23]   | [24]   | [25]   | [26]   | [27]   | [28]   | [29]   | [30]   | [31]   | [32]   | [33]   | [34]   | [35]   | [36]   | [37]   | [38]   | [39]   | [40]   | [41]   | [42]   | [43]   | [44]   | [45]   | [46]   | [47]   | [48]   | [49]   | [50]   | [51]   | [52]   | [53]   | [54]   | [55]   | [56]   | [57]   | [58]   | [59]   | [60]   | [61]   | [62]   | [63]   | [64]   | [65]   | [66]   | [67]   | [68]   | [69]   | [70]   | [71]   | [72]   | [73]   | [74]   | [75]   | [76]   | [77]   | [78]   | [79]   | [80]   | [81]   | [82]   | [83]   | [84]   | [85]   | [86]   | [87]   | [88]   | [89]   | [90]   | [91]   | [92]   | [93]   | [94]   | [95]   | [96]   | [97]   | [98]   | [99]   |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |        |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |   |
| 0.0 | -4.233 | -0.44 | -6.646 | -4.982 | -3.587 | -3.8347 | -7.1055 | -4.272 | -8.911 | -10.048 | -11.116 | -15.509 | -10.041 | -21.267 | -20.7957 | -15.700 | -24.322 | -12.781 | -14.010 | -12.509 | -9.879 | -7.782 | -6.948 | -6.318 | -5.755 | -5.288 | -4.906 | -4.603 | -4.373 | -4.129 | -3.951 | -3.792 | -3.651 | -3.521 | -3.401 | -3.290 | -3.188 | -3.095 | -3.009 | -2.930 | -2.858 | -2.792 | -2.730 | -2.671 | -2.614 | -2.560 | -2.508 | -2.458 | -2.410 | -2.364 | -2.320 | -2.277 | -2.236 | -2.195 | -2.155 | -2.116 | -2.078 | -2.041 | -2.004 | -1.968 | -1.933 | -1.898 | -1.864 | -1.830 | -1.797 | -1.764 | -1.732 | -1.700 | -1.668 | -1.637 | -1.605 | -1.574 | -1.543 | -1.512 | -1.481 | -1.450 | -1.420 | -1.389 | -1.359 | -1.329 | -1.299 | -1.269 | -1.239 | -1.209 | -1.179 | -1.149 | -1.119 | -1.089 | -1.059 | -1.029 | -0.999 | -0.969 | -0.939 | -0.909 | -0.879 | -0.849 | -0.819 | -0.789 | -0.759 | -0.729 | -0.699 | -0.669 | -0.639 | -0.609 | -0.579 | -0.549 | -0.519 | -0.489 | -0.459 | -0.429 | -0.399 | -0.369 | -0.339 | -0.309 | -0.279 | -0.249 | -0.219 | -0.189 | -0.159 | -0.129 | -0.099 | -0.069 | -0.039 | -0.009 | 0.021 | 0.051 | 0.081 | 0.111 | 0.141 | 0.171 | 0.201 | 0.231 | 0.261 | 0.291 | 0.321 | 0.351 | 0.381 | 0.411 | 0.441 | 0.471 | 0.501 | 0.531 | 0.561 | 0.591 | 0.621 | 0.651 | 0.681 | 0.711 | 0.741 | 0.771 | 0.801 | 0.831 | 0.861 | 0.891 | 0.921 | 0.951 | 0.981 | 1.011 | 1.041 | 1.071 | 1.101 | 1.131 | 1.161 | 1.191 | 1.221 | 1.251 | 1.281 | 1.311 | 1.341 | 1.371 | 1.401 | 1.431 | 1.461 | 1.491 | 1.521 | 1.551 | 1.581 | 1.611 | 1.641 | 1.671 | 1.701 | 1.731 | 1.761 | 1.791 | 1.821 | 1.851 | 1.881 | 1.911 | 1.941 | 1.971 | 2.001 | 2.031 | 2.061 | 2.091 | 2.121 | 2.151 | 2.181 | 2.211 | 2.241 | 2.271 | 2.301 | 2.331 | 2.361 | 2.391 | 2.421 | 2.451 | 2.481 | 2.511 | 2.541 | 2.571 | 2.601 | 2.631 | 2.661 | 2.691 | 2.721 | 2.751 | 2.781 | 2.811 | 2.841 | 2.871 | 2.901 | 2.931 | 2.961 | 2.991 | 3.021 | 3.051 | 3.081 | 3.111 | 3.141 | 3.171 | 3.201 | 3.231 | 3.261 | 3.291 | 3.321 | 3.351 | 3.381 | 3.411 | 3.441 | 3.471 | 3.501 | 3.531 | 3.561 | 3.591 | 3.621 | 3.651 | 3.681 | 3.711 | 3.741 | 3.771 | 3.801 | 3.831 | 3.861 | 3.891 | 3.921 | 3.951 | 3.981 | 4.011 | 4.041 | 4.071 | 4.101 | 4.131 | 4.161 | 4.191 | 4.221 | 4.251 | 4.281 | 4.311 | 4.341 | 4.371 | 4.401 | 4.431 | 4.461 | 4.491 | 4.521 | 4.551 | 4.581 | 4.611 | 4.641 | 4.671 | 4.701 | 4.731 | 4.761 | 4.791 | 4.821 | 4.851 | 4.881 | 4.911 | 4.941 | 4.971 | 5.001 | 5.031 | 5.061 | 5.091 | 5.121 | 5.151 | 5.181 | 5.211 | 5.241 | 5.271 | 5.301 | 5.331 | 5.361 | 5.391 | 5.421 | 5.451 | 5.481 | 5.511 | 5.541 | 5.571 | 5.601 | 5.631 | 5.661 | 5.691 | 5.721 | 5.751 | 5.781 | 5.811 | 5.841 | 5.871 | 5.901 | 5.931 | 5.961 | 5.991 | 6.021 | 6.051 | 6.081 | 6.111 | 6.141 | 6.171 | 6.201 | 6.231 | 6.261 | 6.291 | 6.321 | 6.351 | 6.381 | 6 |



|     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |       |
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| [0] | 147 | 148 | 149 | 150 | 151 | 152 | 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 | 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 | 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 | 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 | 185 | 186 | 187 | 188 | 189 | 190 | 191 | 192 | 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 | 201 | 202 | 203 | 204 | 205 | 206 | 207 | 208 | 209 | 210 | 211 | 212 | 213 | 214 | 215 | 216 | 217 | 218 | 219 | 220 | 221 | 222 | 223 | 224 | 225 | 226 | 227 | 228 | 229 | 230 | 231 | 232 | 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 | 241 | 242 | 243 | 244 | 245 | 246 | 247 | 248 | 249 | 250 | 251 | 252 | 253 | 254 | 255 | 256 | 257 | 258 | 259 | 260 | 261 | 262 | 263 | 264 | 265 | 266 | 267 | 268 | 269 | 270 | 271 | 272 | 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 | 281 | 282 | 283 | 284 | 285 | 286 | 287 | 288 | 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 | 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 | 305 | 306 | 307 | 308 | 309 | 310 | 311 | 312 | 313 | 314 | 315 | 316 | 317 | 318 | 319 | 320 | 321 | 322 | 323 | 324 | 325 | 326 | 327 | 328 | 329 | 330 | 331 | 332 | 333 | 334 | 335 | 336 | 337 | 338 | 339 | 340 | 341 | 342 | 343 | 344 | 345 | 346 | 347 | 348 | 349 | 350 | 351 | 352 | 353 | 354 | 355 | 356 | 357 | 358 | 359 | 360 | 361 | 362 | 363 | 364 | 365 | 366 | 367 | 368 | 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 | 377 | 378 | 379 | 380 | 381 | 382 | 383 | 384 | 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 | 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 | 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 | 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 | 417 | 418 | 419 | 420 | 421 | 422 | 423 | 424 | 425 | 426 | 427 | 428 | 429 | 430 | 431 | 432 | 433 | 434 | 435 | 436 | 437 | 438 | 439 | 440 | 441 | 442 | 443 | 444 | 445 | 446 | 447 | 448 | 449 | 450 | 451 | 452 | 453 | 454 | 455 | 456 | 457 | 458 | 459 | 460 | 461 | 462 | 463 | 464 | 465 | 466 | 467 | 468 | 469 | 470 | 471 | 472 | 473 | 474 | 475 | 476 | 477 | 478 | 479 | 480 | 481 | 482 | 483 | 484 | 485 | 486 | 487 | 488 | 489 | 490 | 491 | 492 | 493 | 494 | 495 | 496 | 497 | 498 | 499 | 500 | 501 | 502 | 503 | 504 | 505 | 506 | 507 | 508 | 509 | 510 | 511 | 512 | 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 | 521 | 522 | 523 | 524 | 525 | 526 | 527 | 528 | 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 | 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 | 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 | 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 | 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 | 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 | 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 | 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 | 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 | 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 | 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 | 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 | 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 | 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 | 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 | 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 | 657</ |
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