**Section 315.TABLE C Parameters and Correction Factors**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Correction Factor | | | | | | | | | | Wavelength  (μm) |
| T1 = 10 x 1020λ-0.550 | | | | | | | | | | 0.550 to 0.700 |
| CB = 1.0 | | | | | | | | | | 0.400 to 0.500 |
| CB = 1015 λ-0.550 | | | | | | | | | | 0.550 to 0.700 |
| CA = 1.0 | | | | | | | | | | 0.400 to 0.700 |
| CA = 102 λ-0.700 | | | | | | | | | | 0.700 to 1.050 |
| CA = 5.0 | | | | | | | | | | 1.050 to 1.400 |
| Cp = n-14 | | | | | | | | | | 0.400 to 1000 |
| CE = 1.0 α < αmin | | | | | | | | | | 0.400 to 1.400 |
| CE = α/αmin | | | | | | | | | | 0.400 to 1.400 |
| Where: αmin < α <α max | | | | | | | | | |  |
| CE = α2/(α max x αmin) | | | | | | | | | | 0.400 to 1.400 |
| Where: α > αmax | | | | | | | | | |  |
| Cc = 1.0 | | | | | | | | | | 1.050 to 1.150 |
| Cc = 1018 λ -1.150 | | | | | | | | | | 1.150 to 1.200 |
| Cc = 8 | | | | | | | | | | 1.200 to 1.400 |
|  | | | | | | | | | | |
| NOTES: | 1. | | For pulse repetition frequencies below 55 kHz (0.4 to 1.05 μm) and below 20 kHz (1.05 to 1.4 μm) see ANSI A136.1. | | | | | | | |
|  | | 2. | For wavelengths between 0.400 and 1.400 μm: | | | | | | | |
|  | | | | | αmin | = | | 1.5 mrad for *t* ≤ 0.7 s | | |
|  | | | | | αmin | = | | 2 *t*¾ mrad for 0.7 s < *t* <10 s | | |
|  | | | | | αmin | = | | 11 mrad for *t* < 10 s | | |
|  | | | | | αmax | = | | 100 mrad | | |
|  | 3. | | | For purposes of this Section 315.Table C, the following abbreviations or symbols are used: | | | | | | |
|  | | | | | λ | | = | | wavelength in μm | |
|  | | | | | n | | = | | number of pulses | |
|  | | | | | α | | = | | angular subtense (mrad) | |
|  | | | | | *t* | | = | | time | |
|  | | | | | *t*s | | = | | time in seconds | |
|  | | | | | s | | = | | seconds | |
|  | | | | | μm | | = | | micrometers | |
|  | | | | | Min | | = | | minimum | |
|  | | | | | Max | | = | | maximum | |
|  | | | | | mrads | | = | | milliradians | |
|  | | | | | kHz | | = | | kilohertz | |