

$|b| > 5^\circ$

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|--------|------|------|------|--------|------|------|------|------|------|------|------|------|--------|--------|--------|-------|------|-------|--------|------|
| A9 | 1 | 0.61 | 0.51 | 0.35 | 0.62 | 0.52 | 0.69 | 0.67 | 0.66 | 0.66 | 0.66 | 0.65 | 0.59 | 0.58 | 0.6 | 0.46 | 0.45 | 0.62 | 0.45 | 0.47 |
| I12 | 0.61 | 1 | 0.29 | 0.79 | 0.46 | 0.65 | 0.64 | 0.52 | 0.49 | 0.5 | 0.48 | 0.47 | 0.51 | 0.42 | 0.52 | 0.29 | 0.45 | 0.41 | 0.2 | 0.5 |
| A18 | 0.51 | 0.29 | 1 | 0.3 | 0.32 | 0.11 | 0.25 | 0.27 | 0.26 | 0.26 | 0.26 | 0.26 | 0.24 | 0.23 | 0.24 | 0.24 | 0.21 | 0.25 | 0.15 | 0.24 |
| I25 | 0.35 | 0.79 | 0.3 | 1 | 0.27 | 0.35 | 0.29 | 0.21 | 0.18 | 0.19 | 0.18 | 0.17 | 0.26 | 0.15 | 0.25 | 0.085 | 0.29 | 0.11 | -0.035 | 0.33 |
| I60 | 0.62 | 0.46 | 0.32 | 0.27 | 1 | 0.46 | 0.8 | 0.94 | 0.92 | 0.9 | 0.92 | 0.91 | 0.71 | 0.81 | 0.73 | 0.64 | 0.67 | 0.9 | 0.78 | 0.67 |
| A65 | 0.52 | 0.65 | 0.11 | 0.35 | 0.46 | 1 | 0.78 | 0.59 | 0.58 | 0.6 | 0.55 | 0.55 | 0.53 | 0.52 | 0.54 | 0.35 | 0.44 | 0.49 | 0.41 | 0.42 |
| A90 | 0.69 | 0.64 | 0.25 | 0.29 | 0.8 | 0.78 | 1 | 0.91 | 0.89 | 0.89 | 0.88 | 0.88 | 0.73 | 0.78 | 0.76 | 0.58 | 0.63 | 0.83 | 0.67 | 0.63 |
| I100 | 0.67 | 0.52 | 0.27 | 0.21 | 0.94 | 0.59 | 0.91 | 1 | 0.98 | 0.97 | 0.98 | 0.98 | 0.77 | 0.87 | 0.79 | 0.67 | 0.7 | 0.96 | 0.8 | 0.7 |
| A140 | 0.66 | 0.49 | 0.26 | 0.18 | 0.92 | 0.58 | 0.89 | 0.98 | 1 | 0.99 | 0.99 | 0.98 | 0.76 | 0.87 | 0.78 | 0.67 | 0.69 | 0.96 | 0.8 | 0.69 |
| A160 | 0.66 | 0.5 | 0.26 | 0.19 | 0.9 | 0.6 | 0.89 | 0.97 | 0.99 | 1 | 0.97 | 0.97 | 0.76 | 0.86 | 0.78 | 0.67 | 0.68 | 0.95 | 0.8 | 0.68 |
| P857 | 0.66 | 0.48 | 0.26 | 0.18 | 0.92 | 0.55 | 0.88 | 0.98 | 0.99 | 0.97 | 1 | 1 | 0.76 | 0.86 | 0.79 | 0.67 | 0.68 | 0.97 | 0.8 | 0.67 |
| P545 | 0.65 | 0.47 | 0.26 | 0.17 | 0.91 | 0.55 | 0.88 | 0.98 | 0.98 | 0.97 | 1 | 1 | 0.76 | 0.86 | 0.78 | 0.67 | 0.67 | 0.97 | 0.8 | 0.66 |
| AMEvar | 0.59 | 0.51 | 0.24 | 0.26 | 0.71 | 0.53 | 0.73 | 0.77 | 0.76 | 0.76 | 0.76 | 0.76 | 1 | 0.76 | 1 | 0.56 | 0.6 | 0.73 | 0.58 | 0.58 |
| AMEfix | 0.58 | 0.42 | 0.23 | 0.15 | 0.81 | 0.52 | 0.78 | 0.87 | 0.87 | 0.86 | 0.86 | 0.86 | 0.76 | 1 | 0.79 | 0.67 | 0.64 | 0.85 | 0.77 | 0.62 |
| AMERad | 0.6 | 0.52 | 0.24 | 0.25 | 0.73 | 0.54 | 0.76 | 0.79 | 0.78 | 0.78 | 0.79 | 0.78 | 1 | 0.79 | 1 | 0.58 | 0.62 | 0.76 | 0.61 | 0.6 |
| ff | 0.46 | 0.29 | 0.24 | 0.085 | 0.64 | 0.35 | 0.58 | 0.67 | 0.67 | 0.67 | 0.67 | 0.67 | 0.56 | 0.67 | 0.58 | 1 | 0.47 | 0.65 | 0.64 | 0.46 |
| Sync | 0.45 | 0.45 | 0.21 | 0.29 | 0.67 | 0.44 | 0.63 | 0.7 | 0.69 | 0.68 | 0.68 | 0.67 | 0.6 | 0.64 | 0.62 | 0.47 | 1 | 0.68 | 0.5 | 0.96 |
| N_H | 0.62 | 0.41 | 0.25 | 0.11 | 0.9 | 0.49 | 0.83 | 0.96 | 0.96 | 0.95 | 0.97 | 0.97 | 0.73 | 0.85 | 0.76 | 0.65 | 0.68 | 1 | 0.79 | 0.67 |
| H_a | 0.45 | 0.2 | 0.15 | -0.035 | 0.78 | 0.41 | 0.67 | 0.8 | 0.8 | 0.8 | 0.8 | 0.8 | 0.58 | 0.77 | 0.61 | 0.64 | 0.5 | 0.79 | 1 | 0.47 |
| H408 | 0.47 | 0.5 | 0.24 | 0.33 | 0.67 | 0.42 | 0.63 | 0.7 | 0.69 | 0.68 | 0.67 | 0.66 | 0.58 | 0.62 | 0.6 | 0.46 | 0.96 | 0.67 | 0.47 | 1 |
| | A9 | I12 | A18 | I25 | I60 | A65 | A90 | I100 | A140 | A160 | P857 | P545 | AMEvar | AMEfix | AMERad | ff | Sync | N_H | H_a | H408 |

$|b| < 5^\circ$

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|--------|------|------|------|------|------|------|------|------|------|------|------|------|--------|--------|--------|------|------|-------|-------|------|
| A9 | 1 | 0.97 | 0.96 | 0.95 | 0.95 | 0.94 | 0.96 | 0.97 | 0.97 | 0.97 | 0.94 | 0.91 | 0.79 | 0.89 | 0.83 | 0.83 | 0.78 | 0.7 | 0.37 | 0.86 |
| I12 | 0.97 | 1 | 0.94 | 0.97 | 0.93 | 0.93 | 0.94 | 0.95 | 0.95 | 0.96 | 0.93 | 0.9 | 0.77 | 0.86 | 0.81 | 0.8 | 0.79 | 0.66 | 0.28 | 0.86 |
| A18 | 0.96 | 0.94 | 1 | 0.96 | 0.94 | 0.9 | 0.94 | 0.95 | 0.95 | 0.95 | 0.92 | 0.89 | 0.77 | 0.87 | 0.8 | 0.81 | 0.74 | 0.71 | 0.39 | 0.83 |
| I25 | 0.95 | 0.97 | 0.96 | 1 | 0.95 | 0.91 | 0.95 | 0.96 | 0.96 | 0.96 | 0.92 | 0.89 | 0.77 | 0.86 | 0.8 | 0.81 | 0.78 | 0.67 | 0.32 | 0.86 |
| I60 | 0.95 | 0.93 | 0.94 | 0.95 | 1 | 0.96 | 0.99 | 0.99 | 0.98 | 0.97 | 0.89 | 0.85 | 0.78 | 0.89 | 0.81 | 0.84 | 0.82 | 0.63 | 0.45 | 0.91 |
| A65 | 0.94 | 0.93 | 0.9 | 0.91 | 0.96 | 1 | 0.97 | 0.97 | 0.96 | 0.96 | 0.89 | 0.86 | 0.76 | 0.88 | 0.8 | 0.83 | 0.79 | 0.63 | 0.41 | 0.88 |
| A90 | 0.96 | 0.94 | 0.94 | 0.95 | 0.99 | 0.97 | 1 | 1 | 0.99 | 0.99 | 0.92 | 0.88 | 0.79 | 0.9 | 0.82 | 0.85 | 0.81 | 0.66 | 0.43 | 0.9 |
| I100 | 0.97 | 0.95 | 0.95 | 0.96 | 0.99 | 0.97 | 1 | 1 | 0.99 | 0.99 | 0.93 | 0.89 | 0.8 | 0.9 | 0.83 | 0.84 | 0.82 | 0.66 | 0.42 | 0.9 |
| A140 | 0.97 | 0.95 | 0.95 | 0.96 | 0.98 | 0.96 | 0.99 | 0.99 | 1 | 1 | 0.95 | 0.92 | 0.81 | 0.91 | 0.85 | 0.84 | 0.81 | 0.69 | 0.39 | 0.89 |
| A160 | 0.97 | 0.96 | 0.95 | 0.96 | 0.97 | 0.96 | 0.99 | 0.99 | 1 | 1 | 0.95 | 0.92 | 0.82 | 0.91 | 0.85 | 0.84 | 0.81 | 0.7 | 0.38 | 0.89 |
| P857 | 0.94 | 0.93 | 0.92 | 0.92 | 0.89 | 0.89 | 0.92 | 0.93 | 0.95 | 0.95 | 1 | 1 | 0.76 | 0.86 | 0.8 | 0.84 | 0.68 | 0.8 | 0.31 | 0.77 |
| P545 | 0.91 | 0.9 | 0.89 | 0.89 | 0.85 | 0.86 | 0.88 | 0.89 | 0.92 | 0.92 | 1 | 1 | 0.73 | 0.83 | 0.77 | 0.84 | 0.62 | 0.83 | 0.3 | 0.72 |
| AMEvar | 0.79 | 0.77 | 0.77 | 0.77 | 0.78 | 0.76 | 0.79 | 0.8 | 0.81 | 0.82 | 0.76 | 0.73 | 1 | 0.9 | 1 | 0.6 | 0.76 | 0.59 | 0.24 | 0.77 |
| AMEfix | 0.89 | 0.86 | 0.87 | 0.86 | 0.89 | 0.88 | 0.9 | 0.9 | 0.91 | 0.91 | 0.86 | 0.83 | 0.9 | 1 | 0.92 | 0.76 | 0.77 | 0.68 | 0.42 | 0.82 |
| AMERad | 0.83 | 0.81 | 0.8 | 0.8 | 0.81 | 0.8 | 0.82 | 0.83 | 0.85 | 0.85 | 0.8 | 0.77 | 1 | 0.92 | 1 | 0.64 | 0.78 | 0.62 | 0.26 | 0.79 |
| ff | 0.83 | 0.8 | 0.81 | 0.81 | 0.84 | 0.83 | 0.85 | 0.84 | 0.84 | 0.84 | 0.84 | 0.84 | 0.6 | 0.76 | 0.64 | 1 | 0.58 | 0.69 | 0.58 | 0.7 |
| Sync | 0.78 | 0.79 | 0.74 | 0.78 | 0.82 | 0.79 | 0.81 | 0.82 | 0.81 | 0.81 | 0.68 | 0.62 | 0.76 | 0.77 | 0.78 | 0.58 | 1 | 0.37 | 0.14 | 0.96 |
| N_H | 0.7 | 0.66 | 0.71 | 0.67 | 0.63 | 0.63 | 0.66 | 0.66 | 0.69 | 0.7 | 0.8 | 0.83 | 0.59 | 0.68 | 0.62 | 0.69 | 0.37 | 1 | 0.34 | 0.45 |
| H_a | 0.37 | 0.28 | 0.39 | 0.32 | 0.45 | 0.41 | 0.43 | 0.42 | 0.39 | 0.38 | 0.31 | 0.3 | 0.24 | 0.42 | 0.26 | 0.58 | 0.14 | 0.34 | 1 | 0.26 |
| H408 | 0.86 | 0.86 | 0.83 | 0.86 | 0.91 | 0.88 | 0.9 | 0.9 | 0.89 | 0.89 | 0.77 | 0.72 | 0.77 | 0.82 | 0.79 | 0.7 | 0.96 | 0.45 | 0.26 | 1 |
| | A9 | I12 | A18 | I25 | I60 | A65 | A90 | I100 | A140 | A160 | P857 | P545 | AMEvar | AMEfix | AMERad | ff | Sync | N_H | H_a | H408 |