

No RF

| Final RF Power Amplifier | | Driver Amplifier | | Pre-Driver Amplifier | |
|--------------------------|-------|------------------|-----------|----------------------|-----------|
| Pdc (W) | 8.960 | Pdc (W) | 4.752 | Pdc (W) | 0.260 |
| Pin (W) | 0.126 | Pin (W) | 1.990E-04 | Pin (W) | 6.300E-05 |
| Pout (W) | 1.600 | Pout (W) | 0.126 | Pout (W) | 0.003 |
| Rbias (Ohm) | 0.025 | Rbias (Ohm) | 0.025 | Rbias (Ohm) | 50.000 |

| Amplifiers | Voltage(V) | Voltage Drop on Rbias | Current (A), Idq | Efficiency (%) | Class | Manufacture |
|------------|------------|-----------------------|------------------|----------------|-------|----------------|
| PA | 28.000 | 0.008 | 0.320 | 16.451 | AB | Cree Microwave |
| Driver | 7.200 | 0.017 | 0.660 | 2.647 | A | TI |
| Pre-Driver | 4.200 | 3.100 | 0.062 | 0.940 | A | Infineon |
| | | | | | | |

The TTA is set at 31.0 dBm output power.

| Final RF Power Amplifier | | Driver Amplifier | | Pre-Driver Amplifier | |
|--------------------------|--------|------------------|-----------|----------------------|-----------|
| Pdc (W) | 17.472 | Pdc (W) | 4.493 | Pdc (W) | 0.260 |
| Pin (W) | 0.126 | Pin (W) | 1.990E-04 | Pin (W) | 6.300E-05 |
| Pout (W) | 1.600 | Pout (W) | 0.126 | Pout (W) | 0.003 |
| Rbias (Ohm) | 0.025 | Rbias (Ohm) | 0.025 | Rbias (Ohm) | 50.000 |

| Amplifiers | Voltage(V) | Voltage Drop | Current (A), I | Efficiency | Class | Manufacture |
|------------|------------|--------------|----------------|------------|-------|----------------|
| PA | 28.000 | 0.016 | 0.624 | 8.436 | AB | Cree Microwave |
| Driver | 7.200 | 0.016 | 0.624 | 2.800 | A | TI |
| Pre-Driver | 4.200 | 3.100 | 0.062 | 0.940 | A | Infineon |
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