

Customer 様

No. RAKON-TMD-20131206-001-001

| | | | | | | | | |
|------|-----------|-------|-----------|-----|---------|--------|-----------|------|
| Type | STP3091LF | Freq. | 10.000000 | MHz | Voltage | +12.0V | Date Code | 1346 |
|------|-----------|-------|-----------|-----|---------|--------|-----------|------|

* Measure after minimum 30minutes from power on,

| No. | Voh (V) | Vol (V) | Current (mA) | Level (dBm) | Harmonics | | Fo (ppm) VC=+4.0V | Voltage change | | EFC (ppm) | | Vref (V) |
|--------|---------|---------|-----------------|----------------|-----------|----------|-------------------------|-----------------|-----------------|-------------|---------|-------------|
| | (V) | (V) | | | 2nd (dB) | 3rd (dB) | | Vdd-5% (ppb) | Vdd+5% (ppb) | VC=0V | VC=8.0V | |
| W31988 | 0.83 | -0.81 | 168 | 8.43 | -44.03 | -44.33 | -0.007 | -0.01 | 0.02 | -0.392 | 0.398 | 8.251 |
| W31989 | 0.83 | -0.81 | 151 | 8.40 | -43.80 | -45.99 | -0.017 | -0.04 | -0.03 | -0.399 | 0.381 | 8.249 |
| W31990 | 0.83 | -0.81 | 141 | 8.39 | -46.63 | -48.38 | -0.008 | 0.05 | -0.03 | -0.398 | 0.400 | 8.309 |
| W31991 | 0.81 | -0.80 | 144 | 8.19 | -47.19 | -48.50 | -0.042 | -0.05 | -0.08 | -0.433 | 0.364 | 8.249 |
| W31992 | 0.80 | -0.78 | 138 | 8.03 | -44.13 | -47.52 | -0.020 | -0.01 | -0.05 | -0.429 | 0.405 | 8.147 |
| W31993 | 0.75 | -0.73 | 138 | 7.53 | -47.06 | -55.17 | -0.010 | 0.04 | -0.06 | -0.391 | 0.391 | 8.225 |
| W31994 | 0.75 | -0.73 | 145 | 7.56 | -43.96 | -47.80 | -0.017 | -0.02 | -0.05 | -0.409 | 0.396 | 8.174 |
| W31995 | 0.81 | -0.80 | 143 | 8.18 | -44.79 | -45.10 | -0.005 | -0.07 | -0.03 | -0.394 | 0.389 | 8.254 |
| W31996 | 0.75 | -0.73 | 171 | 7.78 | -45.14 | -48.41 | -0.042 | -0.06 | -0.10 | -0.446 | 0.381 | 8.259 |
| W32081 | 0.83 | -0.81 | 150 | 8.61 | -46.31 | -46.96 | -0.033 | 0.05 | 0.09 | -0.414 | 0.365 | 8.259 |
| W32082 | 0.78 | -0.78 | 147 | 8.11 | -47.10 | -50.62 | 0.004 | -0.09 | 0.03 | -0.389 | 0.410 | 8.108 |
| W32083 | 0.66 | -0.64 | 143 | 6.55 | -43.36 | -53.45 | -0.012 | -0.06 | -0.07 | -0.418 | 0.409 | 8.118 |
| W32084 | 0.78 | -0.77 | 144 | 8.01 | -45.07 | -46.76 | -0.010 | 0.06 | -0.03 | -0.398 | 0.396 | 8.211 |
| W32085 | 0.77 | -0.75 | 142 | 7.96 | -46.18 | -50.49 | -0.007 | -0.08 | -0.08 | -0.384 | 0.388 | 8.209 |
| W32086 | 0.77 | -0.75 | 145 | 7.85 | -45.90 | -52.58 | -0.022 | -0.07 | 0.03 | -0.409 | 0.372 | 8.254 |
| W32088 | 0.83 | -0.81 | 183 | 8.57 | -46.18 | -47.06 | -0.016 | -0.02 | -0.04 | -0.385 | 0.372 | 8.221 |
| W32089 | 0.83 | -0.80 | 160 | 8.50 | -46.70 | -401.75 | -0.018 | -0.04 | -0.03 | -0.401 | 0.381 | 8.2391 |
| W32090 | 0.84 | -0.81 | 152 | 8.69 | -44.34 | -44.69 | -0.030 | -0.10 | -0.09 | -0.434 | 0.379 | 8.2169 |