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| Test Mode | LTE Band 4_CH20175_15M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 2.12 | 0.001223665 | ± 2.5 |
| -10 | -4.42 | -0.002551227 | |
| 0 | -5.62 | -0.003243867 | |
| 10 | 3.66 | 0.002112554 | |
| 20 | -5.30 | -0.003059163 | |
| 30 | 5.95 | 0.003434343 | |
| 40 | 4.62 | 0.002666667 | |
| 50 | 1.55 | 0.000894661 | |
| 60 | -3.95 | -0.002279942 | |
| Max. Deviation (ppm) | 5.95 | 0.003434343 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -5.99 | -0.003457431 | ± 2.5 |
| 3.7 | 1.15 | 0.000663781 | |
| 3.3 | 5.84 | 0.003370851 | |
| Max. Deviation (ppm) | -5.99 | -0.003457431 | |

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| Test Mode | LTE Band 4_CH20175_20M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -5.33 | -0.003076479 | ± 2.5 |
| -10 | 1.84 | 0.001062049 | |
| 0 | 4.59 | 0.002649351 | |
| 10 | -1.95 | -0.001125541 | |
| 20 | -5.48 | -0.003163059 | |
| 30 | 2.31 | 0.001333333 | |
| 40 | -5.19 | -0.002995671 | |
| 50 | -4.86 | -0.002805195 | |
| 60 | -2.71 | -0.001564214 | |
| Max. Deviation (ppm) | -5.48 | -0.003163059 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -1.91 | -0.001102453 | ± 2.5 |
| 3.7 | -5.94 | -0.003428571 | |
| 3.3 | -6.44 | -0.003717172 | |
| Max. Deviation (ppm) | -6.44 | -0.003717172 | |

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| Test Mode | LTE Band 12_CH23095_1.4M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -5.26 | 0.007434629 | ± 2.5 |
| -10 | 5.38 | 0.00760424 | |
| 0 | 2.33 | 0.003293286 | |
| 10 | 3.07 | 0.004339223 | |
| 20 | -6.59 | 0.009314488 | |
| 30 | 5.32 | 0.007519435 | |
| 40 | -2.85 | 0.004028269 | |
| 50 | 3.03 | 0.004282686 | |
| 60 | 1.85 | 0.002614841 | |
| Max. Deviation (ppm) | -6.59 | 0.009314488 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -6.43 | 0.009088339 | ± 2.5 |
| 3.7 | -2.73 | 0.003858657 | |
| 3.3 | -6.12 | 0.008650177 | |
| Max. Deviation (ppm) | -6.43 | 0.009088339 | |

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| Test Mode | LTE Band 12_CH23095_3M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 5.60 | 0.007915194 | ± 2.5 |
| -10 | 6.46 | 0.009130742 | |
| 0 | -4.73 | 0.006685512 | |
| 10 | 5.98 | 0.008452297 | |
| 20 | -3.66 | 0.005173145 | |
| 30 | 4.98 | 0.007038869 | |
| 40 | 5.55 | 0.007844523 | |
| 50 | -5.71 | 0.008070671 | |
| 60 | 3.45 | 0.004876325 | |
| Max. Deviation (ppm) | 6.46 | 0.009130742 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -4.07 | 0.00575265 | ± 2.5 |
| 3.7 | -2.18 | 0.003081272 | |
| 3.3 | 1.52 | 0.00214841 | |
| Max. Deviation (ppm) | -4.07 | 0.00575265 | |

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| Test Mode | LTE Band 12_CH23095_5M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 2.12 | 0.002996466 | ± 2.5 |
| -10 | -3.56 | -0.005031802 | |
| 0 | 2.15 | 0.003038869 | |
| 10 | 4.20 | 0.005936396 | |
| 20 | -1.63 | -0.002303887 | |
| 30 | -3.09 | -0.004367491 | |
| 40 | 3.11 | 0.00439576 | |
| 50 | 5.86 | 0.008282686 | |
| 60 | -4.43 | -0.006261484 | |
| Max. Deviation (ppm) | 5.86 | 0.008282686 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -6.62 | -0.00935689 | ± 2.5 |
| 3.7 | 6.83 | 0.00965371 | |
| 3.3 | -4.03 | -0.005696113 | |
| Max. Deviation (ppm) | 6.83 | 0.00965371 | |

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| Test Mode | LTE Band 12_CH23095_10M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -3.87 | -0.005469965 | ± 2.5 |
| -10 | 6.99 | 0.009879859 | |
| 0 | -5.84 | -0.008254417 | |
| 10 | -3.76 | -0.005314488 | |
| 20 | 6.56 | 0.009272085 | |
| 30 | 2.29 | 0.003236749 | |
| 40 | -2.09 | -0.002954064 | |
| 50 | -5.42 | -0.007660777 | |
| 60 | -4.78 | -0.006756184 | |
| Max. Deviation (ppm) | 6.99 | 0.009879859 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -3.07 | -0.004339223 | ± 2.5 |
| 3.7 | 1.95 | 0.002756184 | |
| 3.3 | -4.17 | -0.005893993 | |
| Max. Deviation (ppm) | -4.17 | -0.005893993 | |

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| Test Mode | LTE Band 13_CH23230_5M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -5.86 | -0.007493606 | ± 2.5 |
| -10 | 4.22 | 0.005396419 | |
| 0 | -2.63 | -0.003363171 | |
| 10 | -2.85 | -0.003644501 | |
| 20 | -2.24 | -0.00286445 | |
| 30 | 5.03 | 0.006432225 | |
| 40 | -1.48 | -0.001892583 | |
| 50 | 6.17 | 0.007890026 | |
| 60 | 6.65 | 0.008503836 | |
| Max. Deviation (ppm) | 6.65 | 0.008503836 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | 5.85 | 0.007480818 | ± 2.5 |
| 3.7 | -6.56 | -0.008388747 | |
| 3.3 | -4.79 | -0.00612532 | |
| Max. Deviation (ppm) | -6.56 | -0.008388747 | |

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| Test Mode | LTE Band 13_CH23230_10M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 1.57 | 0.002007673 | ± 2.5 |
| -10 | -1.14 | -0.001457801 | |
| 0 | -1.08 | -0.001381074 | |
| 10 | -4.12 | -0.005268542 | |
| 20 | -2.21 | -0.002826087 | |
| 30 | -4.69 | -0.005997442 | |
| 40 | 5.11 | 0.006534527 | |
| 50 | 3.17 | 0.004053708 | |
| 60 | -5.35 | -0.006841432 | |
| Max. Deviation (ppm) | -5.35 | -0.006841432 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | 1.53 | 0.001956522 | ± 2.5 |
| 3.7 | 3.85 | 0.004923274 | |
| 3.3 | -3.73 | -0.004769821 | |
| Max. Deviation (ppm) | 3.85 | 0.004923274 | |

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| Test Mode | LTE Band 66_CH132322_1.4M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -1.24 | -0.000710602 | ± 2.5 |
| -10 | 4.34 | 0.002487106 | |
| 0 | 3.04 | 0.00174212 | |
| 10 | 3.69 | 0.002114613 | |
| 20 | -6.23 | -0.003570201 | |
| 30 | 5.38 | 0.003083095 | |
| 40 | 3.87 | 0.002217765 | |
| 50 | -4.38 | -0.002510029 | |
| 60 | -5.93 | -0.003398281 | |
| Max. Deviation (ppm) | -6.23 | -0.003570201 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -2.88 | -0.00165043 | ± 2.5 |
| 3.7 | -6.35 | -0.003638968 | |
| 3.3 | -3.32 | -0.001902579 | |
| Max. Deviation (ppm) | -6.35 | -0.003638968 | |

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| Test Mode | LTE Band 66_CH132322_3M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 3.83 | 0.002194842 | ± 2.5 |
| -10 | 7.34 | 0.004206304 | |
| 0 | 3.62 | 0.002074499 | |
| 10 | 6.68 | 0.00382808 | |
| 20 | 7.14 | 0.004091691 | |
| 30 | 2.06 | 0.001180516 | |
| 40 | -1.63 | -0.000934097 | |
| 50 | -5.64 | -0.003232092 | |
| 60 | 4.67 | 0.002676218 | |
| Max. Deviation (ppm) | 7.34 | 0.004206304 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -3.25 | -0.001862464 | ± 2.5 |
| 3.7 | -5.64 | -0.003232092 | |
| 3.3 | 4.22 | 0.002418338 | |
| Max. Deviation (ppm) | -5.64 | -0.003232092 | |

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| Test Mode | LTE Band 66_CH132322_5M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 6.23 | 0.003570201 | ± 2.5 |
| -10 | 1.86 | 0.001065903 | |
| 0 | -6.21 | -0.003558739 | |
| 10 | 3.01 | 0.001724928 | |
| 20 | -2.33 | -0.001335244 | |
| 30 | -4.39 | -0.002515759 | |
| 40 | 2.92 | 0.001673352 | |
| 50 | -5.39 | -0.003088825 | |
| 60 | -6.52 | -0.00373639 | |
| Max. Deviation (ppm) | -6.52 | -0.00373639 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -1.68 | -0.000962751 | ± 2.5 |
| 3.7 | 5.87 | 0.003363897 | |
| 3.3 | 3.35 | 0.001919771 | |
| Max. Deviation (ppm) | 5.87 | 0.003363897 | |

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| Test Mode | LTE Band 66_CH132322_10M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 6.95 | 0.003982808 | ± 2.5 |
| -10 | 7.13 | 0.00408596 | |
| 0 | 3.52 | 0.002017192 | |
| 10 | -1.12 | -0.000641834 | |
| 20 | -2.95 | -0.001690544 | |
| 30 | 0.91 | 0.00052149 | |
| 40 | -2.81 | -0.001610315 | |
| 50 | 1.54 | 0.000882521 | |
| 60 | 1.13 | 0.000647564 | |
| Max. Deviation (ppm) | 7.13 | 0.00408596 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -4.16 | -0.002383954 | ± 2.5 |
| 3.7 | 2.84 | 0.001627507 | |
| 3.3 | 6.20 | 0.003553009 | |
| Max. Deviation (ppm) | 6.2 | 0.003553009 | |

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| Test Mode | LTE Band 66_CH132322_15M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -2.69 | -0.001541547 | ± 2.5 |
| -10 | -4.11 | -0.002355301 | |
| 0 | -1.11 | -0.000636103 | |
| 10 | -2.40 | -0.001375358 | |
| 20 | -6.41 | -0.003673352 | |
| 30 | -3.37 | -0.001931232 | |
| 40 | -5.39 | -0.003088825 | |
| 50 | -6.57 | -0.003765043 | |
| 60 | 3.04 | 0.00174212 | |
| Max. Deviation (ppm) | -6.57 | -0.003765043 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -5.89 | -0.003375358 | ± 2.5 |
| 3.7 | 5.46 | 0.00312894 | |
| 3.3 | 4.26 | 0.002441261 | |
| Max. Deviation (ppm) | -5.89 | -0.003375358 | |

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|-----------|--------------------------|
| Test Mode | LTE Band 66_CH132322_20M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 5.47 | 0.00313467 | ± 2.5 |
| -10 | 6.66 | 0.003816619 | |
| 0 | -4.94 | -0.002830946 | |
| 10 | -5.93 | -0.003398281 | |
| 20 | 2.16 | 0.001237822 | |
| 30 | -2.50 | -0.001432665 | |
| 40 | 5.12 | 0.002934097 | |
| 50 | 3.09 | 0.001770774 | |
| 60 | 2.46 | 0.001409742 | |
| Max. Deviation (ppm) | 6.66 | 0.003816619 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -2.43 | -0.00139255 | ± 2.5 |
| 3.7 | -2.46 | -0.001409742 | |
| 3.3 | -5.71 | -0.003272206 | |
| Max. Deviation (ppm) | -5.71 | -0.003272206 | |

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| Test Mode | LTE Band 85_CH134092_5M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | 6.10 | 0.008628006 | ± 2.5 |
| -10 | 5.87 | 0.008302687 | |
| 0 | -5.18 | -0.007326733 | |
| 10 | -4.78 | -0.006760962 | |
| 20 | -0.53 | -0.000749646 | |
| 30 | -3.91 | -0.00553041 | |
| 40 | -1.41 | -0.001994342 | |
| 50 | -3.41 | -0.004823197 | |
| 60 | -2.27 | -0.00321075 | |
| Max. Deviation (ppm) | 6.1 | 0.008628006 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | -6.38 | -0.009024045 | ± 2.5 |
| 3.7 | 3.46 | 0.004893918 | |
| 3.3 | 1.55 | 0.002192362 | |
| Max. Deviation (ppm) | -6.38 | -0.009024045 | |

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|-----------|--------------------------|
| Test Mode | LTE Band 85_CH134092_10M |
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Temperature vs. Frequency Stability

| Temperature(°C) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| -20 | -5.36 | -0.00758133 | ± 2.5 |
| -10 | 2.63 | 0.003719943 | |
| 0 | 2.51 | 0.003550212 | |
| 10 | -2.39 | -0.003380481 | |
| 20 | -3.44 | -0.004865629 | |
| 30 | 3.97 | 0.005615276 | |
| 40 | -2.11 | -0.002984441 | |
| 50 | 1.58 | 0.002234795 | |
| 60 | -3.42 | -0.004837341 | |
| Max. Deviation (ppm) | -5.36 | -0.00758133 | |

Voltage vs. Frequency Stability

| Voltage(Volts) | Frequency Error (Hz) | Frequency Error (ppm) | Limit(ppm) |
|----------------------|----------------------|-----------------------|------------|
| 4.2 | 4.15 | 0.005869873 | ± 2.5 |
| 3.7 | 4.38 | 0.006195191 | |
| 3.3 | -2.96 | -0.004186704 | |
| Max. Deviation (ppm) | 4.38 | 0.006195191 | |

End of Test Report