

MARU 320 DME

| Main Status | Site | SLO | Active TXP | TXP1 |
|--------------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 00:12:20 | | |

| <u>§¹ TXP Configuration</u> | | TXP1 | TXP2 |
|--|-----------|------------------|-------------------|
| Status | | NORMAL Active | NORMAL Standby |
| Channel | 110 X | 110 X | |
| IDENT Code | SLO | SLO | |
| Output Power | 1000W | 1000W | |
| System Delay | 50.00usec | 50.00usec | |
| Dead Time | 60.00usec | 60.00usec | |
| SDES | Enabled | Enabled | |
| LDES | Disabled | Disabled | |
| Squitter Pulse | 700pp/s | 700pp/s | |
| Equalizer Pulse | Disabled | Disabled | |

| <u>§¹ MON Major Measurement</u> | | MON1 | MON2 |
|--|--------------|--------------|-------------|
| Status | | NORMAL | NORMAL |
| IDENT Code | SLO | | |
| Frequency | 1197.0064MHz | 1196.9993MHz | |
| Output Power | 1068.7W | 1040.5W | |
| System Delay | 50.16usec | 50.15usec | |
| Reply Pulse Spacing | 12.00usec | 12.00usec | |
| Reply Pulse Rise Time | 2.10usec | 1.99usec | |
| Reply Pulse Decay Time | 1.99usec | 1.94usec | |
| Reply Pulse Duration | 3.37usec | 3.31usec | |
| Reply Efficiency | 98% | 93% | |
| Reply Pulse Rate | 915pp/s | 920pp/s | |

MARU 320 DME

| Transponder | Site | SLO | Active TXP | TXP1 |
|--------------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 00:12:20 | | |

| | | |
|---|------------------|-------------------|
| <u>§¹ General Status</u> | TXP1 | TXP2 |
| Status | NORMAL | NORMAL |
| <u>§¹ Channel</u> | TXP1 | TXP2 |
| Channel Frequency | 110 X 1197MHz | 110 X 1197MHz |
| <u>§¹ IDENT</u> | TXP1 | TXP2 |
| IDENT Code | SLO | SLO |
| IDENT Mode | Associated, | Slave Associated, |
| IDENT Keying | ON | Slave ON |
| <u>§¹ Output Power</u> | TXP1 | TXP2 |
| Gaussian Pulse | 1000W | 1000W |
| <u>§¹ System Configuration</u> | TXP1 | TXP2 |
| System Delay | 50.00usec | 50.00usec |
| <u>§¹ Echo Suppression</u> | TXP1 | TXP2 |
| SDES | 3.20usec | 3.20usec |
| LDES | Disabled | Disabled |
| Dead Time | 60.00usec | 60.00usec |
| <u>§¹ Pulse Rate</u> | TXP1 | TXP2 |
| Squitter Pulse | 700pp/s | 700pp/s |
| Equalizer Pulse | Disabled | Disabled |
| <u>§¹ DC/DC</u> | TXP1 | TXP2 |
| DC/DC | ON | ON |

MARU 320 DME

| Monitor | Site | SLO | Active TXP | TXP1 |
|----------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 00:12:20 | | |

| | | |
|---------------------|------|------|
| \$^1 General Status | MON1 | MON2 |
|---------------------|------|------|

| | | |
|--------|--------|--------|
| Status | NORMAL | NORMAL |
|--------|--------|--------|

| | | |
|----------------------------------|------|------|
| \$^1 TXP1 Measurement [Active] | MON1 | MON2 |
|----------------------------------|------|------|

| | | |
|------------------------|--------------|--------------|
| IDENT Code | SLO | |
| Frequency | 1197.0064MHz | 1196.9993MHz |
| Output Power | 1068.7W | 1040.5W |
| System Delay | 50.16usec | 50.15usec |
| Reply Pulse Spacing | 12.00usec | 12.00usec |
| Reply Pulse Rise Time | 2.10usec | 1.99usec |
| Reply Pulse Decay Time | 1.99usec | 1.94usec |
| Reply Pulse Duration | 3.37usec | 3.31usec |
| Reply Efficiency | 98% | 93% |
| Reply Pulse Rate | 915pp/s | 920pp/s |

| | | |
|-----------------------------------|------|------|
| \$^1 TXP2 Measurement [Standby] | MON1 | MON2 |
|-----------------------------------|------|------|

| | | |
|------------------------|--------------|--------------|
| IDENT Code | - | - |
| Frequency | 1197.0038MHz | 1196.9971MHz |
| Output Power | - | - |
| System Delay | 50.05usec | 50.03usec |
| Reply Pulse Spacing | 12.02usec | 12.02usec |
| Reply Pulse Rise Time | 1.92usec | 1.92usec |
| Reply Pulse Decay Time | 1.89usec | 1.90usec |
| Reply Pulse Duration | 3.57usec | 3.59usec |
| Reply Efficiency | 97% | 97% |
| Reply Pulse Rate | 714pp/s | 718pp/s |

MARU 320 DME

| Alarm Limit | Site | SLO | Active TXP | TXP1 |
|--------------------|-------------|--------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 00:12:20 | | |

| ‡¹ MON1 | | LOWER | UPPER |
|----------------|------------------|--------------|--------------|
| TXP1 | System Delay | 49.50usec | 50.50usec |
| TXP2 | System Delay | 49.50usec | 50.50usec |
| TXP1 | Pulse Spacing | 11.75usec | 12.25usec |
| TXP2 | Pulse Spacing | 11.75usec | 12.25usec |
| TXP1 | Pulse Duration | 3.00usec | 4.00usec |
| TXP2 | Pulse Duration | 3.00usec | 4.00usec |
| TXP1 | Pulse Rise Time | 1.00usec | 3.00usec |
| TXP2 | Pulse Rise Time | 1.00usec | 3.00usec |
| TXP1 | Pulse Decay Time | 1.00usec | 3.00usec |
| TXP2 | Pulse Decay Time | 1.00usec | 3.00usec |
| TXP1 | Output Power | 500.0W | 1500.0W |
| TXP2 | Output Power | 500.0W | 1500.0W |
| TXP1 | Efficiency | 70% | 100% |
| TXP2 | Efficiency | 70% | 100% |
| TXP1 | Pulse Rate | 700pp/s | 5400pp/s |
| TXP2 | Pulse Rate | 700pp/s | 5400pp/s |
| TXP1 | Frequency | 1196.9000MHz | 1197.1000MHz |
| TXP2 | Frequency | 1196.9000MHz | 1197.1000MHz |

| ‡¹ MON2 | | LOWER | UPPER |
|----------------|------------------|--------------|--------------|
| TXP1 | System Delay | 49.50usec | 50.50usec |
| TXP2 | System Delay | 49.50usec | 50.50usec |
| TXP1 | Pulse Spacing | 11.75usec | 12.25usec |
| TXP2 | Pulse Spacing | 11.75usec | 12.25usec |
| TXP1 | Pulse Duration | 3.00usec | 4.00usec |
| TXP2 | Pulse Duration | 3.00usec | 4.00usec |
| TXP1 | Pulse Rise Time | 1.00usec | 3.00usec |
| TXP2 | Pulse Rise Time | 1.00usec | 3.00usec |
| TXP1 | Pulse Decay Time | 1.00usec | 3.00usec |
| TXP2 | Pulse Decay Time | 1.00usec | 3.00usec |
| TXP1 | Output Power | 500.0W | 1500.0W |
| TXP2 | Output Power | 500.0W | 1500.0W |
| TXP1 | Efficiency | 70% | 100% |
| TXP2 | Efficiency | 70% | 100% |
| TXP1 | Pulse Rate | 700pp/s | 5400pp/s |
| TXP2 | Pulse Rate | 700pp/s | 5400pp/s |
| TXP1 | Frequency | 1196.9000MHz | 1197.1000MHz |
| TXP2 | Frequency | 1196.9000MHz | 1197.1000MHz |

MARU 320 DME

| MISC | Site | SLO | Active TXP | TXP1 |
|-------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 00:12:20 | | |

| | | |
|------------------------------------|-----------------------|-------------|
| ‡¹ Changeover Configuration | Alarm Duration | Mode |
| | 30sec | AND |
| ‡¹ PSS Status | SYS1 | SYS2 |
| AC/DC Status | NORMAL | NORMAL |
| AC/DC Voltage | 27.78V | 27.79V |
| AC/DC Current | 48.32A | 41.44A |
| DC/DC Status | NORMAL | NORMAL |
| DC/DC Voltage | 49.29V | 50.06V |
| DC/DC Current | 11.04A | 11.04A |
| Battery Status | NORMAL | NORMAL |
| Battery Voltage | 24.87V | 0.36V |
| Battery Current | 0.96A | 0.96A |
| ‡¹ System Temperature | SYS1 | SYS2 |
| HPA Temperature | 35.0 | 3.4 |
| LPA Temperature | 32.0 | 3.2 |
| Ambient Temperature | | - |