

MARU 320 DME

| Main Status | Site | SLO | Active TXP | TXP2 |
|--------------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 01:31:38 | | |

| <u>§¹ TXP Configuration</u> | | TXP1 | TXP2 |
|--|-----------|-------------------|------------------|
| Status | | NORMAL Standby | NORMAL Active |
| 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 | 1197.0044MHz | 1196.9971MHz | |
| Output Power | 926.0W | 922.8W | |
| System Delay | 50.05usec | 50.05usec | |
| Reply Pulse Spacing | 12.02usec | 12.02usec | |
| Reply Pulse Rise Time | 2.02usec | 1.89usec | |
| Reply Pulse Decay Time | 1.91usec | 1.86usec | |
| Reply Pulse Duration | 3.44usec | 3.40usec | |
| Reply Efficiency | 97% | 96% | |
| Reply Pulse Rate | 758pp/s | 743pp/s | |

MARU 320 DME

| Transponder | Site | SLO | Active TXP | TXP2 |
|--------------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 01:31:38 | | |

| | | |
|---|------------------|-------------------|
| <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 | TXP2 |
|----------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 01:31:38 | | |

§¹ General Status MON1 MON2

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

§¹ TXP1 Measurement [Standby] MON1 MON2

| | | |
|------------------------|--------------|--------------|
| IDENT Code | - | - |
| Frequency | 1197.0073MHz | 1197.0000MHz |
| Output Power | - | - |
| System Delay | 50.20usec | 50.15usec |
| Reply Pulse Spacing | 12.00usec | 12.00usec |
| Reply Pulse Rise Time | 1.96usec | 1.96usec |
| Reply Pulse Decay Time | 1.95usec | 1.95usec |
| Reply Pulse Duration | 3.36usec | 3.35usec |
| Reply Efficiency | 96% | 95% |
| Reply Pulse Rate | 920pp/s | 928pp/s |

§¹ TXP2 Measurement [Active] MON1 MON2

| | | |
|------------------------|--------------|--------------|
| IDENT Code | SLO | SLO |
| Frequency | 1197.0044MHz | 1196.9971MHz |
| Output Power | 926.0W | 922.8W |
| System Delay | 50.05usec | 50.05usec |
| Reply Pulse Spacing | 12.02usec | 12.02usec |
| Reply Pulse Rise Time | 2.02usec | 1.89usec |
| Reply Pulse Decay Time | 1.91usec | 1.86usec |
| Reply Pulse Duration | 3.44usec | 3.40usec |
| Reply Efficiency | 97% | 96% |
| Reply Pulse Rate | 758pp/s | 743pp/s |

MARU 320 DME

| Alarm Limit | Site | SLO | Active TXP | TXP2 |
|--------------------|-------------|--------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 01:31:38 | | |

| ‡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 | TXP2 |
|-------------|-------------|---------------------------------|-------------------|-------------|
| | Date | Thu Jan 15 2026 01:31:38 | | |

| <u>‡¹ Changeover Configuration</u> | Alarm | Duration | Mode |
|------------------------------------|--------|----------|------|
| | | 30sec | AND |
| <u>‡¹ PSS Status</u> | SYS1 | SYS2 | |
| AC/DC Status | NORMAL | NORMAL | |
| AC/DC Voltage | 27.81V | 27.84V | |
| AC/DC Current | 37.28A | 29.60A | |
| DC/DC Status | NORMAL | NORMAL | |
| DC/DC Voltage | 49.31V | 50.08V | |
| DC/DC Current | 12.32A | 12.32A | |
| Battery Status | NORMAL | NORMAL | |
| Battery Voltage | 24.89V | 0.36V | |
| Battery Current | 0.96A | 0.96A | |
| <u>‡¹ System Temperature</u> | SYS1 | SYS2 | |
| HPA Temperature | 36.5 | 3.6 | |
| LPA Temperature | 33.0 | 3.3 | |
| Ambient Temperature | - | | |