

## MARU 320 DME

<b>Main Status</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Wed Jan 14 2026 20:40:51</b>		

<u>§<sup>1</sup> TXP Configuration</u>		<b>TXP1</b>	<b>TXP2</b>
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>§<sup>1</sup> MON Major Measurement</u>		<b>MON1</b>	<b>MON2</b>
Status		NORMAL	NORMAL
IDENT Code	SLO		
Frequency	1197.0064MHz	1196.9996MHz	
Output Power	1072.8W	1044.7W	
System Delay	50.15usec	50.13usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.10usec	1.99usec	
Reply Pulse Decay Time	1.96usec	1.94usec	
Reply Pulse Duration	3.40usec	3.35usec	
Reply Efficiency	96%	94%	
Reply Pulse Rate	961pp/s	956pp/s	

## MARU 320 DME

<b>Transponder</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Wed Jan 14 2026 20:40:51</b>		

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

## MARU 320 DME

<b>Monitor</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Wed Jan 14 2026 20:40:51</b>		

**§<sup>1</sup> General Status** MON1 MON2

Status	NORMAL	NORMAL
--------	--------	--------

**§<sup>1</sup> TXP1 Measurement [ Active ]** MON1 MON2

IDENT Code	SLO	SLO
Frequency	1197.0064MHz	1196.9996MHz
Output Power	1072.8W	1044.7W
System Delay	50.15usec	50.13usec
Reply Pulse Spacing	12.00usec	12.00usec
Reply Pulse Rise Time	2.10usec	1.99usec
Reply Pulse Decay Time	1.96usec	1.94usec
Reply Pulse Duration	3.40usec	3.35usec
Reply Efficiency	96%	94%
Reply Pulse Rate	961pp/s	956pp/s

**§<sup>1</sup> TXP2 Measurement [ Standby ]** MON1 MON2

IDENT Code	-	-
Frequency	1197.0038MHz	1196.9968MHz
Output Power	-	-
System Delay	50.06usec	50.02usec
Reply Pulse Spacing	12.02usec	12.02usec
Reply Pulse Rise Time	1.92usec	1.94usec
Reply Pulse Decay Time	1.90usec	1.89usec
Reply Pulse Duration	3.60usec	3.60usec
Reply Efficiency	96%	95%
Reply Pulse Rate	733pp/s	734pp/s

## MARU 320 DME

<b>Alarm Limit</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Wed Jan 14 2026 20:40:51</b>		

<b>‡¹ MON1</b>		<b>LOWER</b>	<b>UPPER</b>
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

<b>‡¹ MON2</b>		<b>LOWER</b>	<b>UPPER</b>
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

<b>MISC</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Wed Jan 14 2026 20:40:52</b>		

<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	27.74V	27.78V	
AC/DC Current	55.36A	47.52A	
DC/DC Status	NORMAL	NORMAL	
DC/DC Voltage	49.29V	50.08V	
DC/DC Current	3.04A	3.04A	
Battery Status	NORMAL	NORMAL	
Battery Voltage	24.87V	0.37V	
Battery Current	0.96A	0.96A	
<u>‡¹ System Temperature</u>	SYS1	SYS2	
HPA Temperature	34.0	3.3	
LPA Temperature	31.0	3.1	
Ambient Temperature	-		