

## MARU 320 DME

<b>Main Status</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Sun Jan 11 2026 17:43:29</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	1197.0070MHz	1197.0000MHz	
Output Power	1040.0W	1024.2W	
System Delay	50.17usec	50.16usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.10usec	1.95usec	
Reply Pulse Decay Time	1.99usec	1.95usec	
Reply Pulse Duration	3.35usec	3.29usec	
Reply Efficiency	92%	90%	
Reply Pulse Rate	1100pp/s	1099pp/s	

## MARU 320 DME

<b>Transponder</b>	<b>Site</b>	<b>SLO</b>	<b>Active TXP</b>	<b>TXP1</b>
	<b>Date</b>	<b>Sun Jan 11 2026 17:43:29</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>Sun Jan 11 2026 17:43:29</b>		

<b>§<sup>1</sup> General Status</b>		<b>MON1</b>	<b>MON2</b>
Status		NORMAL	NORMAL
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<b>§<sup>1</sup> TXP1 Measurement [ Active ]</b>		<b>MON1</b>	<b>MON2</b>
<hr/>			
IDENT Code		SLO	SLO
Frequency	1197.0070MHz	1197.0000MHz	
Output Power	1040.0W	1024.2W	
System Delay	50.17usec	50.16usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.10usec	1.95usec	
Reply Pulse Decay Time	1.99usec	1.95usec	
Reply Pulse Duration	3.35usec	3.29usec	
Reply Efficiency	92%	90%	
Reply Pulse Rate	1100pp/s	1099pp/s	
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<b>§<sup>1</sup> TXP2 Measurement [ Standby ]</b>		<b>MON1</b>	<b>MON2</b>
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IDENT Code	-	-	-
Frequency	1197.0044MHz	1196.9974MHz	
Output Power	-	-	
System Delay	50.07usec	50.04usec	
Reply Pulse Spacing	12.02usec	12.02usec	
Reply Pulse Rise Time	1.94usec	1.94usec	
Reply Pulse Decay Time	1.90usec	1.90usec	
Reply Pulse Duration	3.55usec	3.55usec	
Reply Efficiency	97%	93%	
Reply Pulse Rate	720pp/s	722pp/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>Sun Jan 11 2026 17:43:29</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>Sun Jan 11 2026 17:43:29</b>		

<b>‡¹ Changeover Configuration</b>	<b>Alarm Duration</b>	<b>Mode</b>
	30sec	AND
<b>‡¹ PSS Status</b>	<b>SYS1</b>	<b>SYS2</b>
AC/DC Status	NORMAL	NORMAL
AC/DC Voltage	27.74V	27.78V
AC/DC Current	58.08A	51.52A
DC/DC Status	NORMAL	NORMAL
DC/DC Voltage	49.33V	50.08V
DC/DC Current	17.44A	17.44A
Battery Status	NORMAL	NORMAL
Battery Voltage	24.95V	0.40V
Battery Current	0.96A	0.96A
<b>‡¹ System Temperature</b>	<b>SYS1</b>	<b>SYS2</b>
HPA Temperature	37.0	3.6
LPA Temperature	33.0	3.2
Ambient Temperature	-	