

MARU 320 DME

Main Status	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 14 2026 20:53:19		

<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	1197.0070MHz	1197.0003MHz	
Output Power	1048.2W	1024.2W	
System Delay	50.17usec	50.17usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.07usec	1.97usec	
Reply Pulse Decay Time	1.97usec	1.95usec	
Reply Pulse Duration	3.36usec	3.27usec	
Reply Efficiency	91%	92%	
Reply Pulse Rate	1052pp/s	1078pp/s	

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Transponder	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 14 2026 20:53:19		

<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

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Monitor	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 14 2026 20:53:19		

§¹ General Status		MON1	MON2
Status		NORMAL	NORMAL
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§¹ TXP1 Measurement [Active]		MON1	MON2
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IDENT Code		SLO	SLO
Frequency	1197.0070MHz	1197.0003MHz	
Output Power	1048.2W	1024.2W	
System Delay	50.17usec	50.17usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.07usec	1.97usec	
Reply Pulse Decay Time	1.97usec	1.95usec	
Reply Pulse Duration	3.36usec	3.27usec	
Reply Efficiency	91%	92%	
Reply Pulse Rate	1052pp/s	1078pp/s	
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§¹ TXP2 Measurement [Standby]		MON1	MON2
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IDENT Code	-	-	-
Frequency	1197.0044MHz	1196.9974MHz	
Output Power	-	-	
System Delay	50.07usec	50.03usec	
Reply Pulse Spacing	12.02usec	12.02usec	
Reply Pulse Rise Time	1.95usec	1.92usec	
Reply Pulse Decay Time	1.90usec	1.90usec	
Reply Pulse Duration	3.55usec	3.55usec	
Reply Efficiency	94%	96%	
Reply Pulse Rate	730pp/s	735pp/s	

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Alarm Limit	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 14 2026 20:53:19		

‡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

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MISC	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 14 2026 20:53:19		

<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	27.81V	
AC/DC Current	39.20A	32.16A	
DC/DC Status	NORMAL	NORMAL	
DC/DC Voltage	49.33V	50.10V	
DC/DC Current	18.72A	18.72A	
Battery Status	NORMAL	NORMAL	
Battery Voltage	24.90V	0.39V	
Battery Current	0.96A	0.96A	
<u>‡¹ System Temperature</u>	SYS1	SYS2	
HPA Temperature	36.0	3.5	
LPA Temperature	32.5	3.2	
Ambient Temperature		-	