

MARU 320 DME

Main Status	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 07 2026 14:33:44		

<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	1197.0073MHz	1197.0000MHz	
Output Power	1048.2W	1032.3W	
System Delay	50.16usec	50.16usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.07usec	1.96usec	
Reply Pulse Decay Time	1.96usec	1.94usec	
Reply Pulse Duration	3.37usec	3.31usec	
Reply Efficiency	95%	97%	
Reply Pulse Rate	1061pp/s	1053pp/s	

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Transponder	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 07 2026 14:33:44		

<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 07 2026 14:33:44		

§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	1197.0073MHz	1197.0000MHz	
Output Power	1048.2W	1032.3W	
System Delay	50.16usec	50.16usec	
Reply Pulse Spacing	12.00usec	12.00usec	
Reply Pulse Rise Time	2.07usec	1.96usec	
Reply Pulse Decay Time	1.96usec	1.94usec	
Reply Pulse Duration	3.37usec	3.31usec	
Reply Efficiency	95%	97%	
Reply Pulse Rate	1061pp/s	1053pp/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	50.04usec	
Reply Pulse Spacing	12.02usec	12.02usec	
Reply Pulse Rise Time	1.94usec	1.92usec	
Reply Pulse Decay Time	1.90usec	1.90usec	
Reply Pulse Duration	3.57usec	3.57usec	
Reply Efficiency	97%	97%	
Reply Pulse Rate	733pp/s	731pp/s	

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Alarm Limit	Site	SLO	Active TXP	TXP1
	Date	Wed Jan 07 2026 14:33:44		

‡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 07 2026 14:33:44		

‡¹ Changeover Configuration	Alarm Duration	Mode
	30sec	AND
‡¹ PSS Status	SYS1	SYS2
AC/DC Status	NORMAL	NORMAL
AC/DC Voltage	27.79V	27.81V
AC/DC Current	46.88A	39.68A
DC/DC Status	NORMAL	NORMAL
DC/DC Voltage	49.33V	50.12V
DC/DC Current	16.80A	16.80A
Battery Status	NORMAL	NORMAL
Battery Voltage	24.87V	0.42V
Battery Current	0.96A	0.96A
‡¹ System Temperature	SYS1	SYS2
HPA Temperature	34.5	3.4
LPA Temperature	31.5	3.1
Ambient Temperature	-	