

QAM Radio TX Status

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QAM Radio TX Status
Freq  xxxx.xxx  MHz
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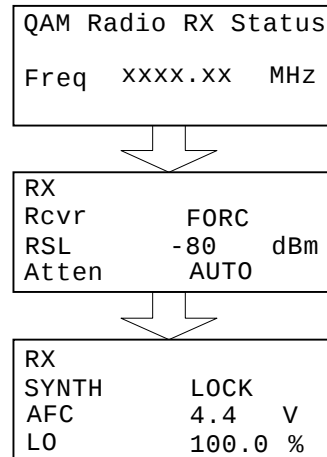
```
TX
Xmtr      FORC
Fwd       1.00 W
Rev       0.00 W
```

```
Tx
PA Cur    2.50 A
Temp      45   C
Synth     LOCK
```

```
Tx
AFC       3.8   V
LO        100   %
Xctr      100   %
```

Function	Settings	Summary
Freq A	2300.00MHz	Displays the transmitter output carrier frequency
XMTR	TRAFFIC	Status of transmitter: ON in a hot standby mode
	FORCED (default)	Forced ON
FWD	0 – 9.99 Watt	Output Power of TX. This menu item does not appear when the unit is configured for DTV.
	1.00 Watt (nominal)	
REV	0 – 9.99 Watt	Reverse (or reflected) power at antenna port. This menu item does not appear when the unit is configured for DTV.
	0.07 Watt (nominal)	
PA CUR	0.00– 9.99 Amp	Power amplifier current consumption. This menu item does not appear when the unit is configured for DTV.
	2.40 Amp (nominal)	
TEMP	0– 99.9 deg C	Power amplifier temperature. This menu item does not appear when the unit is configured for DTV.
	45.0 deg C (nominal)	
SYNTH	LOCK (default)	Indicates phase lock of the 1 st LO
	UNLOCK	
AFC	0 – 9.9 VDC	1 st LO PLL AFC Voltage
	3.8 VDC (nominal)	
LO	0 – 99.9%	1 st LO relative power level
	100% (nominal)	
XCTR	0 – 99.9%	Transmit module's relative output power level
	100% (nominal)	

QAM Radio RX Status



Function	Settings	Summary
Freq A XMTR	2300.00 MHz TRAFFIC	Displays the receiver operating frequency Transfer status of receiver: Is operating, ready for transfer
RSL	FORCED <i>(default)</i> -30.0 to -90.0 dBm	Is operating, will not transfer (forced ON) Received signal level (signal strength) Nominal level dependent upon customer path/system gain
ATTEN	AUTO <i>(default)</i> ON OFF	Receiver PIN attenuator setting: Controlled by internal software Forced ON Forced Off
SYNTH	LOCK <i>(default)</i> UNLOCK	Indicates phase lock of the 1 st LO
AFC	0 – 9.9 VDC 3.5 VDC <i>(nominal)</i>	1 st LO PLL AFC Voltage
LO	0 – 99.9% 100% <i>(nominal)</i>	1 st LO relative power level