

30 April 2015

Re: Volatility of RDMS™ telemetry receivers

To Whom It May Concern:

The RDMS™ receivers do not have any connection between the payload data path and the flash memories that store the RDMS™ configuration. Furthermore, the payload data cannot ever appear on the Ethernet port, as there is no connection there either.

In short, the payload data cannot be stored in the RDMS™ itself, and it cannot be routed to other devices on its Ethernet network.

Our standard Letter of Volatility is attached.

Best Regards,

A handwritten signature in black ink, appearing to read 'Terrance J. Hill'.

Terrance J. Hill

Letter of Volatility

Model:	Part Numbers:	Manufacturer: Quasonix		
RDMS™	All starting with QSX-RDMS and serial numbers above 3000-	Street Address: 6025 Schumacher Park Dr.		
		City: West Chester	State: OH	Zip: 45069

Volatile Memory

Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?

☒ Yes ☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type (SRAM, DRAM, etc.): SRAM	Size: 256 Mbits	User Modifiable: ☐ Yes ☒ No	Function: Front panel interface application memory	Process to Sanitize: None; has no contact with payload data
Type (SRAM, DRAM, etc.): DRAM	Size: 1 Gbyte	User Modifiable: ☒ Yes ☐ No	Function: User interface application memory	Process to Sanitize: None; has no contact with payload data
Type (SRAM, DRAM, etc.): SRAM	Size: 3 x 8 Mbits	User Modifiable: ☐ Yes ☒ No	Function: Demodulator application memory	Process to Sanitize: None; has no contact with payload data

Non-Volatile Memory

Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)?

☒ Yes ☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 1 Gbit	User Modifiable: ☐ Yes ☒ No	Function: FPGA configuration file and first-stage bootloader	Process to Sanitize: None; has no contact with payload data
Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 1 Gbit	User Modifiable: ☐ Yes ☒ No	Function: FPGA configuration and front panel application program	Process to Sanitize: None; has no contact with payload data
Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 8 Kbit	User Modifiable: ☐ Yes ☒ No	Function: Power on/off control	Process to Sanitize: None; has no contact with payload data
Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 3 x 1 Gbit	User Modifiable: ☐ Yes ☒ No	Function: Demodulator FPGA configuration and application program	Process to Sanitize: None; has no contact with payload data

Media

Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)?

☒ Yes ☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type (Disk, Tape, etc.): SD Memory card (internal) Removable: ☐ Yes ☒ No	Size: 64 Gbytes	User Modifiable: ☒ Yes ☐ No	Function: Main application operating system and storage for User Interface	Process to Sanitize: None; has no contact with payload data
Type (Disk, Tape, etc.): Removable: ☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Sanitize:

Additional Information:**Vendor Representative Information**

Name: Terry Hill	Title: Chief Scientist	Office Phone: 513-942-1287	Fax/Email: thill@quasonix.com
----------------------------	----------------------------------	--------------------------------------	---