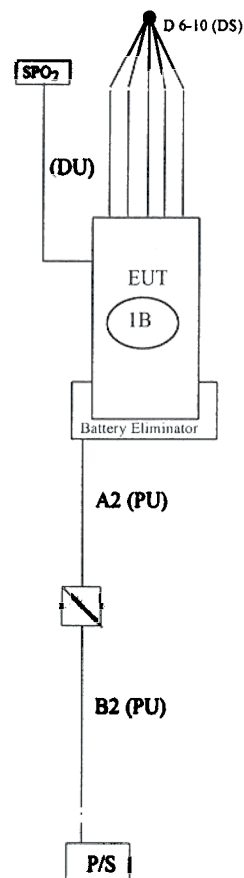


Block Diagram for Viridia Medical Telemetry Transmitter

- PS = Power Cord Shielded
DS = Data Cable Shielded
CX = Coaxial Cable
PU = Power Cord Unshielded
DS = Data Cable Shielded
FL = Fiber Link
■ = Ferrite Bead
◻ = Connector



Control Room

Ground Plane

EUT Technical Data – Block Identifier 1A

Description Viridia, Medical Telemetry Transmitter

Manuf/Model Agilent Technologies **Model No** :M2601A

Serial # 3836A29089

FCC/FTZ Ident. Application Pending

Power (Rated) : 120 VAC 60 Hz. to 10 VDC **Current** 300 mA

Power (Tested) 120 VAC 60 Hz. to 10 VDC **Current** : 300 mA

Internal Options:

020

External Options:

Class 2 Transformer (Ault Inc.) M/N PA41100300A01RK

SPO2 Sensor (Hewlett Packard) M/N M1191A

ECG Leads

Frequencies Generated:

611.00 MHz. 12.8 MHz. 8.00 MHz.

Comments

Cable Descriptions

Qty =	Function	DC Power
	Type	Unshielded
	Length	1 foot
	# of Conductors	0.25 Meter
	Connector Shell	Unshielded
	Part Number	
	Miscellaneous	
Qty = 1	Function	DC Power
	Type	Unshielded
	Length	3 Meters
	# of Conductors	2
	Connector Shell	Unshielded
	Part Number	
	Miscellaneous	
Qty = 1	Function	SPO2 Sensor Cable
	Type	Unshielded
	Length	Meter
	# of Conductors	7
	Connector Shell	Unshielded
	Part Number	
	Miscellaneous	
(D6-D10)	Function	ECG Leads
Qty = 5	Type	Shielded
	Length	1 Meter
	# of Conductors	2
	Connector Shell	Unshielded
	Part Number	
	Miscellaneous	Transmit Antenna

Test Software Description

TITLE**PART #/REV** **M2601-10015, Rev. A.03.01****FUNCTION****REPEAT TIME** Continuous**RUN INSTRUCTIONS** Power on unit, starts automatically

OPERATIONAL MODE(s) DURING TEST

OPERATIONAL MODES AVAILABLE:Monitor patient ECG and SPO₂ and transmit to central receiver system**MODE TESTED:** Same as above**FUNCTION** : Same as above**RATIONALE** Unit only operates in a single mode.

EUT I/O Ports Cable Configuration

All testing was performed with the following cables/terminators connected to the EUT I/O ports:

EUT I/O Ports (All available by type)	Cable Attached (Yes/No)
ECG	Y
SPO ₂	Y
D.C. Input Power	Y

NOTE: FCC Tests : ONE of each TYPE of PORT must be cabled.

Test Equipment List

#	Equipment Type	Manufacturer	Model #	Serial #	Cal Date	Cal Due	Used
1	Spectrum Analyzer	Hewlett-Packard	8568B	2207A01917	8/9/99	8/9/00	X
2	Quasi-Peak Adapter	Hewlett-Packard	85650A	2043A00249	8/9/99	8/9/00	X
3	RF Pre-Selector	Hewlett-Packard	85685A	2648A00500	8/9/99	8/9/00	X
4	Spectrum Analyzer	Hewlett-Packard	8566B	2532A02250	5/8/99	5/8/00	
5	Quasi-Peak Adapter	Hewlett-Packard	85650A	2521A00665	5/8/99	5/8/00	
6	RF Pre-Selector	Hewlett-Packard	85685A	2510A00186	5/8/99	5/8/00	
7	Spectrum Analyzer	Hewlett-Packard	8595E	3337A00415	5/27/99	5/27/00	X
8	Comb Generator	Com Power	CG-520	20129	5/18/99	5/18/00	
9	RF Probe	Fischer	F-33-1	367	1/14/99	1/14/00	
10	RF Pre-Amplifier	Hewlett-Packard	8447D	1937A02850	5/24/99	5/24/00	
11	Pre-Amplifier	Hewlett-Packard	8449B	3008A00952	5/27/99	5/27/00	
12	Biconical Antenna	Schwarzbeck	BBA9106	0101	5/11/99	5/11/00	X
13	Biconical Antenna	Schwarzbeck	BBA9106	0102	5/11/99	5/11/00	
14	Log Periodic Antenna	Schwarzbeck	UHALP9107	9107718	6/1/99	6/1/00	X
15	Log Periodic Antenna	Schwarzbeck	UHALP9107	0103	6/1/99	6/1/00	
16	Mag Loop Antenna	EMCO	6502	9307-2841	6/1/99	6/1/00	
17	Horn Antenna	EMCO	3115	9308-4132	10/17/99	10/17/00	X
18	Active Monopole Ant.	EMCO	3301B	9510-3625	5/29/99	5/29/00	X
19	Tuned Dipole Antenna	Comp Design	A100	445	1/18/99	1/18/00	X
20	Tuned Dipole Antenna	Comp Design	A100	494	8/25/99	8/25/00	
21	LISN 3x24 A	Solar	8012-50-24	0103	9/15/98	9/15/99	
22	LISN 4 x 25 A	Schwarzbeck	NNLA8120	8120458A	8/21/99	8/21/99	
23	LISN 4 x 100 A	Schwarzbeck	NNLA8121	8121237	1/21/99	1/21/00	X
24	LISN 3 x 25 A	EMCO	3825/2	8904-1483	7/9/99	7/9/00	
25	Antenna Mast	EMCO			Daily	Daily	X
26	Mast Controller	EMCO	1050	1267	Daily	Daily	X
27	Turntable	Macton			Daily	Daily	X
27	Turntable Controller	EMCO	101762	8908-1290	Daily	Daily	X