

Radiated Electromagnetic Emissions



Test Report #:	6010 Run 01	Test Area:	LTS 3m		
Test Method:	N/A	Test Date:	04-Dec-2002		
EUT Model #:	55-832	EUT Power:	Palm Pilot's internal battery		
EUT Serial #:				Temperature:	23 °C
Manufacturer:	GE Interlogix			Relative Humidity:	15 %
EUT Description:	Palm Pilot Transmitter			Air Pressure:	100.3 kPa
Notes:	Transmitter card inserted into palm pilot as accessory			Page:	1 of 4
	Will not operate stand alone				

FREQ (MHz)	LEVEL (dBuV)	CABLE / ANT / PREAMP (dB)	FINAL (dBuV)	POL / HGT / AZ (m) (DEG)	DELTA1 N/A	DELTA2 N/A
PreAmp: None						
Transmitter in CW test mode						
Following fundamental measurements maximized						
Palm pilot on its back						
319.50	72.4 Pk	1.6 / 14.0 / 0.0	87.9	H / 1.0 / 286.0	N/A	N/A
Palm pilot upright						
319.50	65.3 Pk	1.6 / 14.0 / 0.0	80.9	V / 1.6 / 310.0	N/A	N/A
Palm pilot on its side						
319.50	69.2 Pk	1.6 / 14.0 / 0.0	84.8	H / 1.0 / 254.0	N/A	N/A
Palm pilot on its back						
319.50	72.5 Pk	1.6 / 14.0 / 0.0	88.0	H / 1.0 / 294.0	N/A	N/A
PreAmp: LTS Preamp ID 2665						
319.50	100.2 Pk	1.6 / 14.0 / 27.7	88.1	H / 1.0 / 294.0	N/A	N/A
106.50	59.8 Pk	0.9 / 9.4 / 27.9	42.2	V / 1.0 / 0.0	N/A	N/A
213.00	73.0 Pk	1.4 / 11.1 / 27.7	57.7	V / 1.0 / 0.0	N/A	N/A
327.52	37.6 Pk	1.6 / 14.2 / 27.7	25.7	V / 1.0 / 0.0	N/A	N/A
426.00	59.6 Pk	1.8 / 16.9 / 27.7	50.6	V / 1.0 / 0.0	N/A	N/A
532.51	48.4 Pk	2.0 / 18.9 / 27.6	41.6	V / 1.0 / 0.0	N/A	N/A
639.02	42.6 Pk	2.3 / 19.7 / 27.6	37.0	V / 1.0 / 0.0	N/A	N/A
745.51	55.1 Pk	2.4 / 21.0 / 27.5	51.1	V / 1.0 / 0.0	N/A	N/A

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EUT Description:	Palm Pilot Transmitter			Air Pressure: 100.3 kPa
Notes:	Transmitter card inserted into palm pilot as accessory			Page: 2 of 4
	Will not operate stand alone			

FREQ (MHz)	LEVEL (dBuV)	CABLE / ANT / PREAMP (dB)	FINAL (dBuV)	POL / HGT / AZ (m) (DEG)	DELTA1 N/A	DELTA2 N/A
852.01	48.6 Pk	2.6 / 22.2 / 27.2	46.3	V / 1.0 / 0.0	N/A	N/A
958.52	47.2 Pk	2.9 / 23.1 / 27.2	46.0	V / 1.0 / 0.0	N/A	N/A
1065.00	43.2 Pk	2.9 / 23.1 / 27.2	42.0	V / 1.0 / 0.0	N/A	N/A
1810.52	38.2 Pk	3.8 / 28.1 / 27.2	42.9	V / 1.0 / 0.0	N/A	N/A
639.02	49.6 Pk	2.3 / 19.7 / 27.6	44.1	V / 1.0 / 90.0	N/A	N/A
852.01	49.1 Pk	2.6 / 22.2 / 27.2	46.7	V / 1.0 / 90.0	N/A	N/A
106.50	63.4 Pk	0.9 / 9.4 / 27.9	45.8	V / 1.0 / 180.0	N/A	N/A
532.51	54.1 Pk	2.0 / 18.9 / 27.6	47.4	V / 1.0 / 180.0	N/A	N/A
639.02	51.9 Pk	2.3 / 19.7 / 27.6	46.3	V / 1.0 / 180.0	N/A	N/A
532.51	56.4 Pk	2.0 / 18.9 / 27.6	49.6	V / 1.0 / 270.0	N/A	N/A
106.50	73.0 Pk	0.9 / 9.4 / 27.9	55.4	H / 2.0 / 270.0	N/A	N/A
213.00	78.7 Pk	1.4 / 11.1 / 27.7	63.4	H / 2.0 / 270.0	N/A	N/A
426.00	66.3 Pk	1.8 / 16.9 / 27.7	57.3	H / 2.0 / 270.0	N/A	N/A
532.51	64.0 Pk	2.0 / 18.9 / 27.6	57.3	H / 2.0 / 270.0	N/A	N/A
639.02	59.1 Pk	2.3 / 19.7 / 27.6	53.6	H / 2.0 / 270.0	N/A	N/A
745.51	59.6 Pk	2.4 / 21.0 / 27.5	55.6	H / 2.0 / 270.0	N/A	N/A
852.01	53.8 Pk	2.6 / 22.2 / 27.2	51.4	H / 2.0 / 270.0	N/A	N/A
Maximized						
213.00	79.7 Pk	1.4 / 11.1 / 27.7	64.4	H / 1.4 / 294.0	N/A	N/A
426.00	69.1 Pk	1.8 / 16.9 / 27.7	60.1	H / 1.0 / 299.0	N/A	N/A
Antenna: LTS Horn ID# 2075						
Max'd						

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EUT Description:	Palm Pilot Transmitter			Air Pressure: 100.3 kPa
Notes:	Transmitter card inserted into palm pilot as accessory			Page: 3 of 4
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FREQ (MHz)	LEVEL (dBuV)	CABLE / ANT / PREAMP (dB)	FINAL (dBuV)	POL / HGT / AZ (m) (DEG)	DELTA1 N/A	DELTA2 N/A
2130.01	41.5 Pk	4.1 / 29.9 / 27.3	48.3	H / 1.2 / 0.0	N/A	N/A
2769.00	44.6 Pk	4.8 / 31.2 / 27.0	53.6	H / 1.1 / 0.0	N/A	N/A
RF turned off						
Transmitter in standby mode						
No significant emissions detected						
Antenna both vertical & horizontal, 1 to 4 meters high						
EUT rotated 360 degrees						
End scan 30MHz to 3200MHz						

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***** MEASUREMENT SUMMARY *****						
106.50	73.0 Pk	0.9 / 9.4 / 27.9	55.4	H / 2.0 / 270.0	N/A	N/A
213.00	79.7 Pk	1.4 / 11.1 / 27.7	64.4	H / 1.4 / 294.0	N/A	N/A
319.50	100.2 Pk	1.6 / 14.0 / 27.7	88.1	H / 1.0 / 294.0	N/A	N/A
327.52	37.6 Pk	1.6 / 14.2 / 27.7	25.7	V / 1.0 / 0.0	N/A	N/A
426.00	69.1 Pk	1.8 / 16.9 / 27.7	60.1	H / 1.0 / 299.0	N/A	N/A
532.51	64.0 Pk	2.0 / 18.9 / 27.6	57.3	H / 2.0 / 270.0	N/A	N/A
639.02	59.1 Pk	2.3 / 19.7 / 27.6	53.6	H / 2.0 / 270.0	N/A	N/A
745.51	59.6 Pk	2.4 / 21.0 / 27.5	55.6	H / 2.0 / 270.0	N/A	N/A
852.01	53.8 Pk	2.6 / 22.2 / 27.2	51.4	H / 2.0 / 270.0	N/A	N/A
958.52	47.2 Pk	2.9 / 23.1 / 27.2	46.0	V / 1.0 / 0.0	N/A	N/A
1065.00	43.2 Pk	2.9 / 23.1 / 27.2	42.0	V / 1.0 / 0.0	N/A	N/A
1810.52	38.2 Pk	3.8 / 28.1 / 27.2	42.9	V / 1.0 / 0.0	N/A	N/A
2130.01	41.5 Pk	4.1 / 29.9 / 27.3	48.3	H / 1.2 / 0.0	N/A	N/A
2769.00	44.6 Pk	4.8 / 31.2 / 27.0	53.6	H / 1.1 / 0.0	N/A	N/A

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