

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		Symbol Technologies			Job No.		R-8637-1
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249
Model No.:		N/A			FCC ID:		H9PPHASERMODULE
Operating Mode:		Continuously Transmitting a 2.402GHz Signal					
Technician:		Peter Lananna			Date:		August 22, 2000
Notes:		Test Distance: 3 Meters Detector: Peak, Unless otherwise specified					
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2402	H / 1.5	X	50.4	36.6	87.0	22387.2	500000
	H / 3.0	Y	55.6	36.6	92.2	40738.0	
	H / 1.1	Z	59.8	36.6	96.4	66069.3	
	V / 1.3	X	52.2	36.6	88.8	27542.3	
	V / 1.8	Y	45.7	36.6	82.3	13031.7	
2402	V / 1.1	Z	48.2	36.6	84.8	17378.0	500000
4804	H / 1.1	X	53.7	-4.1	49.6	302.0	5000
	H / 1.1	Y	62.5	-4.1	58.4	831.8	
	H / 1.0	Z	56.1	-4.1	52.0	398.1	
	V / 1.0	X	53.0	-4.1	48.9	278.6	
	V / 1.0	Y	48.1	-4.1	44.0	158.5	
4804	V / 1.0	Z	62.9	-4.1	58.8	871.0	5000
7206	H / 1.0	X	46.7	-2.0	44.7	171.8	5000
	H / 1.0	Y	50.7	-2.0	48.7	272.3	
	H / 1.0	Z	49.9	-2.0	47.9	248.3	
	V / 1.0	X	48.3	-2.0	46.3	206.5	
	V / 1.0	Y	47.7	-2.0	45.7	192.8	
7206	V / 1.0	Z	52.1	-2.0	50.1	319.9	5000
9608	H / 1.0	X	44.2	-1.9	42.3	130.3	5000
	H / 1.0	Y	45.9	-1.9	44.0	158.5	
	H / 1.0	Z	50.3	-1.9	48.4	263.0	
	V / 1.0	X	46.5	-1.9	44.6	169.8	
	V / 1.0	Y	47.3	-1.9	45.4	186.2	
9608	V / 1.0	Z	49.8	-1.9	47.9	248.3	5000
12010	H / 1.0	X	40.0	3.8	43.8	154.9*	5000
	H / 1.0	Y	40.0	3.8	43.8	154.9*	
	H / 1.0	Z	40.0	3.8	43.8	154.9*	
	V / 1.0	X	40.0	3.8	43.8	154.9*	
	V / 1.0	Y	40.0	3.8	43.8	154.9*	
12010	V / 1.0	Z	40.0	3.8	43.8	154.9*	5000
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



Retlif Testing Laboratories

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Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249
Model No.:		N/A			FCC ID:		H9PPHASERMODULE
Operating Mode:		Continuously Transmitting a 2.402 GHz Signal					
Technician:		Peter Lananna			Date:		August 22, 2000
Notes: Test Distance: 3 Meters **= Readings taken at 1 meter, correction factor includes distance extrapolation. Detector: Peak, unless otherwise specified							
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14410	H / 1.0	X	35.0	10.8	45.8	195.0*	5000
	H / 1.0	Y	35.0	10.8	45.8	195.0*	
	H / 1.0	Z	35.0	10.8	45.8	195.0*	
	V / 1.0	X	35.0	10.8	45.8	195.0*	
	V / 1.0	Y	35.0	10.8	45.8	195.0*	
14410	V / 1.0	Z	35.0	10.8	45.8	195.0*	5000
16810	H / 1.0	X	36.0	15.5	51.5	375.8*	5000
	H / 1.0	Y	36.0	15.5	51.5	375.8*	
	H / 1.0	Z	36.0	15.5	51.5	375.8*	
	V / 1.0	X	36.0	15.5	51.5	375.8*	
	V / 1.0	Y	36.0	15.5	51.5	375.8*	
16810	V / 1.0	Z	36.0	15.5	51.5	375.8*	5000
19220	H / 1.0	X	40.0	22.9**	62.9	1396.4*	5000
	H / 1.0	Y	40.0	22.9**	62.9	1396.4*	
	H / 1.0	Z	40.0	22.9**	62.9	1396.4*	
	V / 1.0	X	40.0	22.9**	62.9	1396.4*	
	V / 1.0	Y	40.0	22.9**	62.9	1396.4*	
19220	V / 1.0	Z	40.0	22.9**	62.9	1396.4*	5000
21620	H / 1.0	X	37.2	23.2**	60.4	1047.1*	5000
	H / 1.0	Y	37.2	23.2**	60.4	1047.1*	
	H / 1.0	Z	37.2	23.2**	60.4	1047.1*	
	V / 1.0	X	37.2	23.2**	60.4	1047.1*	
	V / 1.0	Y	37.2	23.2**	60.4	1047.1*	
21620	V / 1.0	Z	37.2	23.2**	60.4	1047.1*	5000
24020	H / 1.0	X	36.5	23.4**	59.9	988.6*	5000
	H / 1.0	Y	36.5	23.4**	59.9	988.6*	
	H / 1.0	Z	36.5	23.4**	59.9	988.6*	
	V / 1.0	X	36.5	23.4**	59.9	988.6*	
	V / 1.0	Y	36.5	23.4**	59.9	988.6*	
24020	V / 1.0	Z	36.5	23.4**	59.9	988.6*	5000
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



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Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:		Symbol Technologies			Job No.		R-8637-1	
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249	
Model No.:		N/A			FCC ID:		H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.402 GHz Signal						
Technician:		Peter Lananna			Date:		August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle:30%			
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: - 10.4dB			
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
2482	H / 1.0	X	87.0	-10.4	76.6	6760.8	50000	
	H / 1.0	Y	92.2	-10.4	81.8	12302.7		
	H / 1.0	Z	96.4	-10.4	86.0	19952.6		
	V / 1.0	X	88.8	-10.4	78.4	8317.6		
	V / 1.0	Y	82.3	-10.4	71.9	3935.5		
2482	V / 1.0	Z	84.8	-10.4	74.4	5248.1	50000	
4964	H / 1.0	X	49.6	-10.4	39.2	91.2	500	
	H / 1.0	Y	58.4	-10.4	48.0	251.2		
	H / 1.0	Z	52.0	-10.4	41.6	120.2		
	V / 1.0	X	48.9	-10.4	38.5	84.1		
	V / 1.0	Y	44.0	-10.4	33.6	47.9		
4964	V / 1.0	Z	58.8	-10.4	48.4	263.0	500	
7446	H / 1.0	X	44.7	-10.4	34.3	51.9	500	
	H / 1.0	Y	48.7	-10.4	38.3	82.2		
	H / 1.0	Z	47.9	-10.4	37.5	75.0		
	V / 1.0	X	46.3	-10.4	35.9	62.4		
	V / 1.0	Y	45.7	-10.4	35.3	58.2		
7446	V / 1.0	Z	50.1	-10.4	39.7	96.6	500	
9928	H / 1.0	X	42.3	-10.4	31.9	39.4	500	
	H / 1.0	Y	44.0	-10.4	33.6	47.9		
	H / 1.0	Z	48.4	-10.4	38.0	79.4		
	V / 1.0	X	44.6	-10.4	34.2	51.3		
	V / 1.0	Y	45.4	-10.4	35.0	56.2		
9928	V / 1.0	Z	47.9	-10.4	37.5	75.0	500	
12410	H / 1.0	X	43.8	-10.4	33.4	46.8*	500	
	H / 1.0	Y	43.8	-10.4	33.4	46.8*		
	H / 1.0	Z	43.8	-10.4	33.4	46.8*		
	V / 1.0	X	43.8	-10.4	33.4	46.8*		
	V / 1.0	Y	43.8	-10.4	33.4	46.8*		
12410	V / 1.0	Z	43.8	-10.4	33.4	46.8*	500	
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							



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Customer:		Symbol Technologies			Job No.	R-8637-1	
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:	15.249	
Model No.:		N/A			FCC ID:	H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.402 GHz Signal					
Technician:		Peter Lananna			Date:	August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle: 30%		
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: -10.4 dB		
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14890	H / 1.0	X	45.8	-10.4	35.4	58.9*	500
	H / 1.0	Y	45.8	-10.4	35.4	58.9*	
	H / 1.0	Z	45.8	-10.4	35.4	58.9*	
	V / 1.0	X	45.8	-10.4	35.4	58.9*	
	V / 1.0	Y	45.8	-10.4	35.4	58.9*	
14890	V / 1.0	Z	45.8	-10.4	35.4	58.9*	500
17370	H / 1.0	X	51.5	-10.4	41.1	113.5*	500
	H / 1.0	Y	51.5	-10.4	41.1	113.5*	
	H / 1.0	Z	51.5	-10.4	41.1	113.5*	
	V / 1.0	X	51.5	-10.4	41.1	113.5*	
	V / 1.0	Y	51.5	-10.4	41.1	113.5*	
17370	V / 1.0	Z	51.5	-10.4	41.1	113.5*	500
19860	H / 1.0	X	62.9	-10.4	52.5	421.7*	500
	H / 1.0	Y	62.9	-10.4	52.5	421.7*	
	H / 1.0	Z	62.9	-10.4	52.5	421.7*	
	V / 1.0	X	62.9	-10.4	52.5	421.7*	
	V / 1.0	Y	62.9	-10.4	52.5	421.7*	
19860	V / 1.0	Z	62.9	-10.4	52.5	421.7*	500
22340	H / 1.0	X	60.4	-10.4	50.0	316.2*	500
	H / 1.0	Y	60.4	-10.4	50.0	316.2*	
	H / 1.0	Z	60.4	-10.4	50.0	316.2*	
	V / 1.0	X	60.4	-10.4	50.0	316.2*	
	V / 1.0	Y	60.4	-10.4	50.0	316.2*	
22340	V / 1.0	Z	60.4	-10.4	50.0	316.2*	500
24820	H / 1.0	X	59.9	-10.4	49.5	298.5*	500
	H / 1.0	Y	59.9	-10.4	49.5	298.5*	
	H / 1.0	Z	59.9	-10.4	49.5	298.5*	
	V / 1.0	X	59.9	-10.4	49.5	298.5*	
	V / 1.0	Y	59.9	-10.4	49.5	298.5*	
24820	V / 1.0	Z	59.9	-10.4	49.5	298.5*	500
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
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Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		Symbol Technologies			Job No.		R-8637-1
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249
Model No.:		N/A			FCC ID:		H9PPHASERMODULE
Operating Mode:		Continuously Transmitting a 2.445GHz Signal					
Technician:		Peter Lananna			Date:		August 22, 2000
Notes:		Test Distance: 3 Meters Detector: Peak, Unless otherwise specified					
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2445	H / 1.8	X	46.5	36.6	83.1	14288.9	500000
	H / 2.5	Y	51.4	36.6	88.0	25118.9	
	H / 1.1	Z	54.1	36.6	90.7	34276.8	
	V / 1.1	X	46.7	36.6	83.3	14621.8	
	V / 1.8	Y	42.4	36.6	79.0	8912.5	
2445	V / 1.1	Z	45.7	36.6	82.3	13031.7	500000
4840	H / 1.0	X	53.4	-4.1	49.3	291.7	5000
	H / 1.1	Y	58.3	-4.1	54.2	512.9	
	H / 1.1	Z	54.0	-4.1	49.9	312.6	
	V / 1.1	X	52.7	-4.1	48.6	269.2	
	V / 1.1	Y	51.5	-4.1	47.4	234.4	
4840	V / 1.0	Z	60.8	-4.1	56.7	683.9	5000
7335	H / 1.0	X	51.6	-2.0	49.6	302.0	5000
	H / 1.0	Y	55.6	-2.0	53.6	478.6	
	H / 1.0	Z	52.3	-2.0	50.3	327.3	
	V / 1.0	X	50.8	-2.0	48.8	275.4	
	V / 1.0	Y	50.2	-2.0	48.2	257.0	
7335	V / 1.0	Z	52.0	-2.0	50.0	316.2	5000
9780	H / 1.0	X	48.2	-1.9	46.3	206.5	5000
	H / 1.0	Y	50.2	-1.9	48.3	260.0	
	H / 1.0	Z	52.1	-1.9	50.2	323.6	
	V / 1.0	X	47.1	-1.9	45.2	182.0	
	V / 1.0	Y	49.2	-1.9	47.3	231.7	
9780	V / 1.0	Z	50.3	-1.9	48.4	263.0	5000
12220	H / 1.0	X	40.0	3.8	43.8	154.9*	5000
	H / 1.0	Y	40.0	3.8	43.8	154.9*	
	H / 1.0	Z	40.0	3.8	43.8	154.9*	
	V / 1.0	X	40.0	3.8	43.8	154.9*	
	V / 1.0	Y	40.0	3.8	43.8	154.9*	
12220	V / 1.0	Z	40.0	3.8	43.8	154.9*	5000
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
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Operating Mode:		Continuously Transmitting a 2.445GHz Signal						
Technician:		Peter Lananna			Date:		August 22, 2000	
Notes:		Test Distance: 3 Meters **= Readings taken at 1 meter, correction factor includes distance extrapolation. Detector: Peak, unless otherwise specified						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
14670	H / 1.0	X	35.0	10.8	45.8	195.0*	5000	
	H / 1.0	Y	35.0	10.8	45.8	195.0*		
	H / 1.0	Z	35.0	10.8	45.8	195.0*		
	V / 1.0	X	35.0	10.8	45.8	195.0*		
	V / 1.0	Y	35.0	10.8	45.8	195.0*		
14670	V / 1.0	Z	35.0	10.8	45.8	195.0*	5000	
17120	H / 1.0	X	36.0	15.5	51.5	375.8*	5000	
	H / 1.0	Y	36.0	15.5	51.5	375.8*		
	H / 1.0	Z	36.0	15.5	51.5	375.8*		
	V / 1.0	X	36.0	15.5	51.5	375.8*		
	V / 1.0	Y	36.0	15.5	51.5	375.8*		
17120	V / 1.0	Z	36.0	15.5	51.5	375.8*	5000	
19560	H / 1.0	X	40.0	22.9**	62.9	1396.4*	5000	
	H / 1.0	Y	40.0	22.9**	62.9	1396.4*		
	H / 1.0	Z	40.0	22.9**	62.9	1396.4*		
	V / 1.0	X	40.0	22.9**	62.9	1396.4*		
	V / 1.0	Y	40.0	22.9**	62.9	1396.4*		
19560	V / 1.0	Z	40.0	22.9**	62.9	1396.4*	5000	
22000	H / 1.0	X	37.2	23.2**	60.4	1047.1*	5000	
	H / 1.0	Y	37.2	23.2**	60.4	1047.1*		
	H / 1.0	Z	37.2	23.2**	60.4	1047.1*		
	V / 1.0	X	37.2	23.2**	60.4	1047.1*		
	V / 1.0	Y	37.2	23.2**	60.4	1047.1*		
22000	V / 1.0	Z	37.2	23.2**	60.4	1047.1*	5000	
24450	H / 1.0	X	36.5	23.4**	59.9	988.6*	5000	
	H / 1.0	Y	36.5	23.4**	59.9	988.6*		
	H / 1.0	Z	36.5	23.4**	59.9	988.6*		
	V / 1.0	X	36.5	23.4**	59.9	988.6*		
	V / 1.0	Y	36.5	23.4**	59.9	988.6*		
24450	V / 1.0	Z	36.5	23.4**	59.9	988.6*	5000	
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							



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Model No.:		N/A			FCC ID:	H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.445GHz Signal					
Technician:		Peter Lananna			Date:	August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle:30%		
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: - 10.4dB		
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2445	H / 1.0	X	83.1	-10.4	72.7	4315.2	50000
	H / 1.0	Y	88.0	-10.4	77.6	7585.8	
	H / 1.0	Z	90.7	-10.4	80.3	10351.4	
	V / 1.0	X	83.3	-10.4	72.9	4415.7	
	V / 1.0	Y	79.0	-10.4	68.6	2691.5	
2445	V / 1.0	Z	82.3	-10.4	71.9	3935.5	50000
4840	H / 1.0	X	49.3	-10.4	38.9	88.1	500
	H / 1.0	Y	54.2	-10.4	43.8	154.9	
	H / 1.0	Z	49.9	-10.4	39.5	94.4	
	V / 1.0	X	48.6	-10.4	38.2	81.3	
	V / 1.0	Y	47.4	-10.4	37.0	70.8	
4840	V / 1.0	Z	56.7	-10.4	46.3	206.5	500
7335	H / 1.0	X	49.6	-10.4	39.2	91.2	500
	H / 1.0	Y	53.6	-10.4	43.2	144.5	
	H / 1.0	Z	50.3	-10.4	39.9	98.9	
	V / 1.0	X	48.8	-10.4	38.4	83.2	
	V / 1.0	Y	48.2	-10.4	37.8	77.6	
7335	V / 1.0	Z	50.0	-10.4	39.6	95.5	500
9780	H / 1.0	X	46.3	-10.4	35.9	62.4	500
	H / 1.0	Y	48.3	-10.4	37.9	78.5	
	H / 1.0	Z	50.2	-10.4	39.8	97.7	
	V / 1.0	X	45.2	-10.4	34.8	55.0	
	V / 1.0	Y	47.3	-10.4	36.9	70.0	
9780	V / 1.0	Z	48.4	-10.4	38.0	79.4	500
12220	H / 1.0	X	43.8	-10.4	33.4	46.8*	500
	H / 1.0	Y	43.8	-10.4	33.4	46.8*	
	H / 1.0	Z	43.8	-10.4	33.4	46.8*	
	V / 1.0	X	43.8	-10.4	33.4	46.8*	
	V / 1.0	Y	43.8	-10.4	33.4	46.8*	
12220	V / 1.0	Z	43.8	-10.4	33.4	46.8*	500
	The frequency range was scanned from 30 MHz to 25 GHz. All emis sions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



Retlif Testing Laboratories

Retlif Job Number R-8637-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:		Symbol Technologies			Job No.		R-8637-1	
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249	
Model No.:		N/A			FCC ID:		H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.445GHz Signal						
Technician:		Peter Lananna			Date:		August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle: 30%			
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: -10.4 dB			
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
14670	H / 1.0	X	45.8	-10.4	35.4	58.9*	500	
	H / 1.0	Y	45.8	-10.4	35.4	58.9*		
	H / 1.0	Z	45.8	-10.4	35.4	58.9*		
	V / 1.0	X	45.8	-10.4	35.4	58.9*		
	V / 1.0	Y	45.8	-10.4	35.4	58.9*		
14670	V / 1.0	Z	45.8	-10.4	35.4	58.9*	500	
17120	H / 1.0	X	51.5	-10.4	41.1	113.5*	500	
	H / 1.0	Y	51.5	-10.4	41.1	113.5*		
	H / 1.0	Z	51.5	-10.4	41.1	113.5*		
	V / 1.0	X	51.5	-10.4	41.1	113.5*		
	V / 1.0	Y	51.5	-10.4	41.1	113.5*		
17120	V / 1.0	Z	51.5	-10.4	41.1	113.5*	500	
19560	H / 1.0	X	62.9	-10.4	52.5	421.7*	500	
	H / 1.0	Y	62.9	-10.4	52.5	421.7*		
	H / 1.0	Z	62.9	-10.4	52.5	421.7*		
	V / 1.0	X	62.9	-10.4	52.5	421.7*		
	V / 1.0	Y	62.9	-10.4	52.5	421.7*		
19560	V / 1.0	Z	62.9	-10.4	52.5	421.7*	500	
22000	H / 1.0	X	60.4	-10.4	50.0	316.2*	500	
	H / 1.0	Y	60.4	-10.4	50.0	316.2*		
	H / 1.0	Z	60.4	-10.4	50.0	316.2*		
	V / 1.0	X	60.4	-10.4	50.0	316.2*		
	V / 1.0	Y	60.4	-10.4	50.0	316.2*		
22000	V / 1.0	Z	60.4	-10.4	50.0	316.2*	500	
24450	H / 1.0	X	59.9	-10.4	49.5	298.5*	500	
	H / 1.0	Y	59.9	-10.4	49.5	298.5*		
	H / 1.0	Z	59.9	-10.4	49.5	298.5*		
	V / 1.0	X	59.9	-10.4	49.5	298.5*		
	V / 1.0	Y	59.9	-10.4	49.5	298.5*		
24450	V / 1.0	Z	59.9	-10.4	49.5	298.5*	500	
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							



Retlif Testing Laboratories

Retlif Job Number R-8637-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		Symbol Technologies			Job No.		R-8637-1
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249
Model No.:		N/A			FCC ID:		H9PPHASERMODULE
Operating Mode:		Continuously Transmitting a 2.482GHz Signal					
Technician:		Peter Lananna			Date:		August 22, 2000
Notes:		Test Distance: 3 Meters Detector: Peak, Unless otherwise specified					
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2482	H / 1.0	X	54.1	36.6	90.7	34276.8	500000
	H / 1.3	Y	59.9	36.6	96.5	66834.4	
	H / 1.3	Z	56.1	36.6	92.7	43151.9	
	V / 1.8	X	60.6	36.6	97.2	72443.6	
	V / 1.5	Y	57.6	36.6	94.2	51286.1	
2482	V / 1.8	Z	61.4	36.6	98.0	79432.8	500000
4964	H / 1.3	X	49.1	-4.1	45.0	177.8	5000
	H / 2.8	Y	44.2	-4.1	40.1	101.2	
	H / 1.3	Z	49.0	-4.1	44.9	175.8	
	V / 1.3	X	50.3	-4.1	46.2	204.2	
	V / 1.3	Y	51.9	-4.1	47.8	245.5	
4964	V / 1.5	Z	51.5	-4.1	47.4	234.4	5000
7446	H / 1.3	X	44.1	-2.0	42.1	127.4	5000
	H / 1.3	Y	43.6	-2.0	41.6	120.2	
	H / 1.3	Z	45.1	-2.0	43.1	142.9	
	V / 1.3	X	41.7	-2.0	39.7	96.6	
	V / 1.3	Y	43.6	-2.0	41.6	120.2	
7446	V / 1.5	Z	42.8	-2.0	40.8	109.6	5000
9928	H / 1.3	X	45.0	-1.9	43.1	142.9	5000
	H / 1.3	Y	45.1	-1.9	43.2	144.5	
	H / 1.3	Z	44.6	-1.9	42.7	136.5	
	V / 1.3	X	42.6	-1.9	40.7	108.4	
	V / 1.0	Y	44.2	-1.9	42.3	130.3	
9928	V / 1.0	Z	44.2	-1.9	42.3	130.3	5000
12410	H / 1.0	X	40.0	3.8	43.8	154.9*	5000
	H / 1.0	Y	40.0	3.8	43.8	154.9*	
	H / 1.0	Z	40.0	3.8	43.8	154.9*	
	V / 1.0	X	40.0	3.8	43.8	154.9*	
	V / 1.0	Y	40.0	3.8	43.8	154.9*	
12410	V / 1.0	Z	40.0	3.8	43.8	154.9*	5000
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



Retlif Testing Laboratories

Retlif Job Number R-8637-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		Symbol Technologies			Job No.		R-8637-1
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249
Model No.:		N/A			FCC ID:		H9PPHASERMODULE
Operating Mode:		Continuously Transmitting a 2.482GHz Signal					
Technician:		Peter Lananna			Date:		August 22, 2000
Notes: Test Distance: 3 Meters **= Readings taken at 1 meter, correction factor includes distance extrapolation. Detector: Peak, unless otherwise specified							
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14890	H / 1.0	X	35.0	10.8	45.8	195.0*	5000
	H / 1.0	Y	35.0	10.8	45.8	195.0*	
	H / 1.0	Z	35.0	10.8	45.8	195.0*	
	V / 1.0	X	35.0	10.8	45.8	195.0*	
	V / 1.0	Y	35.0	10.8	45.8	195.0*	
14890	V / 1.0	Z	35.0	10.8	45.8	195.0*	5000
17370	H / 1.0	X	36.0	15.5	51.5	375.8*	5000
	H / 1.0	Y	36.0	15.5	51.5	375.8*	
	H / 1.0	Z	36.0	15.5	51.5	375.8*	
	V / 1.0	X	36.0	15.5	51.5	375.8*	
	V / 1.0	Y	36.0	15.5	51.5	375.8*	
17370	V / 1.0	Z	36.0	15.5	51.5	375.8*	5000
19860	H / 1.0	X	40.0	22.9**	62.9	1396.4*	5000
	H / 1.0	Y	40.0	22.9**	62.9	1396.4*	
	H / 1.0	Z	40.0	22.9**	62.9	1396.4*	
	V / 1.0	X	40.0	22.9**	62.9	1396.4*	
	V / 1.0	Y	40.0	22.9**	62.9	1396.4*	
19860	V / 1.0	Z	40.0	22.9**	62.9	1396.4*	5000
22340	H / 1.0	X	37.2	23.2**	60.4	1047.1*	5000
	H / 1.0	Y	37.2	23.2**	60.4	1047.1*	
	H / 1.0	Z	37.2	23.2**	60.4	1047.1*	
	V / 1.0	X	37.2	23.2**	60.4	1047.1*	
	V / 1.0	Y	37.2	23.2**	60.4	1047.1*	
22340	V / 1.0	Z	37.2	23.2**	60.4	1047.1*	5000
24820	H / 1.0	X	36.5	23.4**	59.9	988.6*	5000
	H / 1.0	Y	36.5	23.4**	59.9	988.6*	
	H / 1.0	Z	36.5	23.4**	59.9	988.6*	
	V / 1.0	X	36.5	23.4**	59.9	988.6*	
	V / 1.0	Y	36.5	23.4**	59.9	988.6*	
24820	V / 1.0	Z	36.5	23.4**	59.9	988.6*	5000
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



Retlif Testing Laboratories

Retlif Job Number R-8637-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:		Symbol Technologies			Job No.		R-8637-1	
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:		15.249	
Model No.:		N/A			FCC ID:		H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.482GHz Signal						
Technician:		Peter Lananna			Date:		August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle:30%			
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: - 10.4dB			
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit	
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m	
2482	H / 1.0	X	90.7	-10.4	80.3	10351.4	50000	
	H / 1.0	Y	96.5	-10.4	86.1	20183.7		
	H / 1.0	Z	92.7	-10.4	82.3	13031.7		
	V / 1.0	X	97.2	-10.4	86.8	21877.6		
	V / 1.0	Y	94.2	-10.4	83.8	15488.2		
2482	V / 1.0	Z	98.0	-10.4	87.6	23988.3	50000	
4964	H / 1.0	X	45.0	-10.4	34.6	53.7	500	
	H / 1.0	Y	40.1	-10.4	29.7	30.5		
	H / 1.0	Z	44.9	-10.4	34.5	53.1		
	V / 1.0	X	46.2	-10.4	35.8	61.7		
	V / 1.0	Y	47.8	-10.4	37.4	74.1		
4964	V / 1.0	Z	47.4	-10.4	37.0	70.8	500	
7446	H / 1.0	X	42.1	-10.4	31.7	38.5	500	
	H / 1.0	Y	41.6	-10.4	31.2	36.3		
	H / 1.0	Z	43.1	-10.4	32.7	43.2		
	V / 1.0	X	39.7	-10.4	29.3	29.2		
	V / 1.0	Y	41.6	-10.4	31.2	36.3		
7446	V / 1.0	Z	40.8	-10.4	30.4	33.1	500	
9928	H / 1.0	X	43.1	-10.4	32.7	43.2	500	
	H / 1.0	Y	43.2	-10.4	32.8	43.7		
	H / 1.0	Z	42.7	-10.4	32.3	41.2		
	V / 1.0	X	40.7	-10.4	30.3	32.7		
	V / 1.0	Y	42.3	-10.4	31.9	39.4		
9928	V / 1.0	Z	42.3	-10.4	31.9	39.4	500	
12410	H / 1.0	X	43.8	-10.4	33.4	46.8*	500	
	H / 1.0	Y	43.8	-10.4	33.4	46.8*		
	H / 1.0	Z	43.8	-10.4	33.4	46.8*		
	V / 1.0	X	43.8	-10.4	33.4	46.8*		
	V / 1.0	Y	43.8	-10.4	33.4	46.8*		
12410	V / 1.0	Z	43.8	-10.4	33.4	46.8*	500	
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more							
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.							
	*=Noise Floor Measurements (Minimum system sensitivity)							



Retlif Testing Laboratories

Retlif Job Number R-8637-1

Test Method:		FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions					
Customer:		Symbol Technologies			Job No.	R-8637-1	
Test Sample:		Pulsed RF Transmitter with integrated antenna.			Paragraph:	15.249	
Model No.:		N/A			FCC ID:	H9PPHASERMODULE	
Operating Mode:		Continuously Transmitting a 2.482GHz Signal					
Technician:		Peter Lananna			Date:	August 22, 2000	
Notes:		Test Distance: 3 Meters			Duty Cycle: 30%		
		Detector: Peak, unless otherwise specified			Duty Cycle Correction: -10.4 dB		
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14890	H / 1.0	X	45.8	-10.4	35.4	58.9*	500
	H / 1.0	Y	45.8	-10.4	35.4	58.9*	
	H / 1.0	Z	45.8	-10.4	35.4	58.9*	
	V / 1.0	X	45.8	-10.4	35.4	58.9*	
	V / 1.0	Y	45.8	-10.4	35.4	58.9*	
14890	V / 1.0	Z	45.8	-10.4	35.4	58.9*	500
17370	H / 1.0	X	51.5	-10.4	41.1	113.5*	500
	H / 1.0	Y	51.5	-10.4	41.1	113.5*	
	H / 1.0	Z	51.5	-10.4	41.1	113.5*	
	V / 1.0	X	51.5	-10.4	41.1	113.5*	
	V / 1.0	Y	51.5	-10.4	41.1	113.5*	
17370	V / 1.0	Z	51.5	-10.4	41.1	113.5*	500
19860	H / 1.0	X	62.9	-10.4	52.5	421.7*	500
	H / 1.0	Y	62.9	-10.4	52.5	421.7*	
	H / 1.0	Z	62.9	-10.4	52.5	421.7*	
	V / 1.0	X	62.9	-10.4	52.5	421.7*	
	V / 1.0	Y	62.9	-10.4	52.5	421.7*	
19860	V / 1.0	Z	62.9	-10.4	52.5	421.7*	500
22340	H / 1.0	X	60.4	-10.4	50.0	316.2*	500
	H / 1.0	Y	60.4	-10.4	50.0	316.2*	
	H / 1.0	Z	60.4	-10.4	50.0	316.2*	
	V / 1.0	X	60.4	-10.4	50.0	316.2*	
	V / 1.0	Y	60.4	-10.4	50.0	316.2*	
22340	V / 1.0	Z	60.4	-10.4	50.0	316.2*	500
24820	H / 1.0	X	59.9	-10.4	49.5	298.5*	500
	H / 1.0	Y	59.9	-10.4	49.5	298.5*	
	H / 1.0	Z	59.9	-10.4	49.5	298.5*	
	V / 1.0	X	59.9	-10.4	49.5	298.5*	
	V / 1.0	Y	59.9	-10.4	49.5	298.5*	
24820	V / 1.0	Z	59.9	-10.4	49.5	298.5*	500
	The frequency range was scanned from 30 MHz to 25 GHz. All emissions not recorded were more						
	Than 10 dB below the specified limit. Emissions from the EUT do not exceed the specified limits.						
	*=Noise Floor Measurements (Minimum system sensitivity)						



Retlif Testing Laboratories

Retlif Job Number R-8637-1