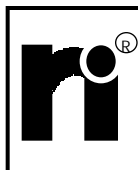


<b>Test Method:</b>	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
<b>Customer:</b>	Symbol Technologies			<b>Job No.</b>	R-8508		
<b>Test Sample:</b>	I.R. Barcode Scanner Base w/ New Antenna			<b>Paragraph:</b>	15.249(a)		
<b>Model No.:</b>	PL470			<b>FCC ID:</b>	H9PPL470		
<b>Operating Mode:</b>	Continuously Transmitting a Pulsed 2.4 GHz Signal						
<b>Technician:</b>	P. Lananna			<b>Date:</b>	April 24, 2000		
<b>Notes:</b>	Test Distance: 3 Meters						
<b>HIGH</b>	Detector: Peak, Unless otherwise specified						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
GHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2.480	H / 1.5	X	92.9	-11.5	81.4	11749.0	500000
	H / 1.0	Y	97.9	-11.5	86.4	20893.0	
	H / 1.5	Z	104.1	-11.5	92.6	42658.0	
	V / 1.0	X	104.4	-11.5	92.9	44157.0	
	V / 1.3	Y	107.4	-11.5	95.9	62373.5	
2.480	V / 1.0	Z	96.7	-11.5	85.2	18197.0	500000
4.960	H / 1.0	X	47.3	-4.1	43.2	144.5	5000
	H / 1.8	Y	47.1	-4.1	43.0	141.3	
	H / 1.5	Z	51.3	-4.1	47.2	229.1	
	V / 1.3	X	51.9	-4.1	47.8	245.5	
	V / 1.5	Y	50.7	-4.1	46.6	213.8	
4.960	V / 1.5	Z	48.0	-4.1	43.9	156.7	5000
7.440	H / 1.0	X	36.0	-2.1	33.9	49.5*	5000
	H / 1.0	Y	36.0	-2.1	33.9	49.5*	
	H / 1.0	Z	36.0	-2.1	33.9	49.5*	
	V / 1.0	X	36.0	-2.1	33.9	49.5*	
	V / 1.0	Y	36.0	-2.1	33.9	49.5*	
7.440	V / 1.0	Z	36.0	-2.1	33.9	49.5*	5000
9.920	H / 1.0	X	33.0	-1.8	31.2	36.3*	5000
	H / 1.0	Y	33.0	-1.8	31.2	36.3*	
	H / 1.0	Z	33.0	-1.8	31.2	36.3*	
	V / 1.0	X	33.0	-1.8	31.2	36.3*	
	V / 1.0	Y	33.0	-1.8	31.2	36.3*	
9.920	V / 1.0	Z	33.0	-1.8	31.2	36.3*	5000
12.40	H / 1.0	X	32.0	2.5	34.5	53.1*	5000
	H / 1.0	Y	32.0	2.5	34.5	53.1*	
	H / 1.0	Z	32.0	2.5	34.5	53.1*	
	V / 1.0	X	32.0	2.5	34.5	53.1*	
	V / 1.0	Y	32.0	2.5	34.5	53.1*	
12.40	V / 1.0	Z	32.0	2.5	34.5	53.1*	5000
The frequency range was scanned from 30 MHz to 24GHz. 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-8508

<b>Test Method:</b>	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
<b>Customer:</b>	Symbol Technologies	<b>Job No.:</b>	R-8508				
<b>Test Sample:</b>	I.R. Barcode Scanner Base w/ New Antenna	<b>Paragraph:</b>	15.249(a)				
<b>Model No.:</b>	PL470	<b>FCC ID:</b>	H9PPL470				
<b>Operating Mode:</b>	Continuously Transmitting a Pulsed 2.4 GHz Signal						
<b>Technician:</b>	P. Lananna	<b>Date:</b>	April 24, 2000				
<b>Notes:</b>	Test Distance: 3 Meters**=Readings taken at 1 meter, correction factor includes correction for distance.						
<b>HIGH</b>	Detector: Peak, Unless otherwise specified						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
GHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14.88	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*	
14.88	V / 1.0	Z	35.0	10.8	45.8	195.0*	5000
17.36	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*	
17.36	V / 1.0	Z	36.0	15.5	51.5	375.8*	5000
19.84	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*	
19.84	V / 1.0	Z	40.0	22.9**	62.9	1396.4*	5000
22.32	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*	
22.32	V / 1.0	Z	37.2	23.2**	60.4	1047.1*	5000
24.80	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*	
24.80	V / 1.0	Z	36.5	23.4**	59.9	988.6*	5000
The frequency range was scanned from 30 MHz to 24 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-8508

<b>Test Method:</b>	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
<b>Customer:</b>	Symbol Technologies	<b>Job No.:</b>	R-8508				
<b>Test Sample:</b>	I.R. Barcode Scanner Base w/ New Antenna	<b>Paragraph:</b>	15.249(a)				
<b>Model No.:</b>	PL470	<b>FCC ID:</b>	H9PPL470				
<b>Operating Mode:</b>	Continuously Transmitting a Pulsed 2.4 GHz Signal						
<b>Technician:</b>	P. Lananna	<b>Date:</b>	April 24, 2000				
<b>Notes:</b>	Test Distance: 3 Meters	Duty Cycle: 30%					
<b>HIGH</b>	Detector: Peak, unless otherwise specified	Duty Cycle Correction: - 10.5 dB					
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
GHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
2.480	H / 1.5	X	81.4	-10.5	70.9	3507.5	50000
	H / 1.0	Y	86.4	-10.5	75.9	6237.3	
	H / 1.5	Z	92.6	-10.5	82.1	12735.0	
	V / 1.0	X	92.9	-10.5	82.4	13182.6	
	V / 1.3	Y	95.9	-10.5	85.4	18620.9	
2.480	V / 1.0	Z	85.2	-10.5	74.7	5432.5	50000
4.960	H / 1.0	X	43.2	-10.5	32.7	43.2	500
	H / 1.8	Y	43.0	-10.5	32.5	42.2	
	H / 1.5	Z	47.2	-10.5	36.7	68.4	
	V / 1.3	X	47.8	-10.5	37.3	73.3	
	V / 1.5	Y	46.6	-10.5	36.1	63.8	
4.960	V / 1.5	Z	43.9	-10.5	33.4	46.8	500
7.440	H / 1.0	X	33.9	-10.5	23.4	14.8*	500
	H / 1.0	Y	33.9	-10.5	23.4	14.8*	
	H / 1.0	Z	33.9	-10.5	23.4	14.8*	
	V / 1.0	X	33.9	-10.5	23.4	14.8*	
	V / 1.0	Y	33.9	-10.5	23.4	14.8*	
7.440	V / 1.0	Z	33.9	-10.5	23.4	14.8*	500
9.920	H / 1.0	X	31.2	-10.5	20.7	10.8*	500
	H / 1.0	Y	31.2	-10.5	20.7	10.8*	
	H / 1.0	Z	31.2	-10.5	20.7	10.8*	
	V / 1.0	X	31.2	-10.5	20.7	10.8*	
	V / 1.0	Y	31.2	-10.5	20.7	10.8*	
9.920	V / 1.0	Z	31.2	-10.5	20.7	10.8*	500
12.40	H / 1.0	X	34.5	-10.5	24.0	15.8*	500
	H / 1.0	Y	34.5	-10.5	24.0	15.8*	
	H / 1.0	Z	34.5	-10.5	24.0	15.8*	
	V / 1.0	X	34.5	-10.5	24.0	15.8*	
	V / 1.0	Y	34.5	-10.5	24.0	15.8*	
12.40	V / 1.0	Z	34.5	-10.5	24.0	15.8*	500
The frequency range was scanned from 30 MHz to 24 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-8508

<b>Test Method:</b>	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
<b>Customer:</b>	Symbol Technologies	<b>Job No.:</b>	R-8508				
<b>Test Sample:</b>	I.R. Barcode Scanner Base w/ New Antenna	<b>Paragraph:</b>	15.249(a)				
<b>Model No.:</b>	PL470	<b>FCC ID:</b>	H9PPL470				
<b>Operating Mode:</b>	Continuously Transmitting a Pulsed 2.4 GHz Signal						
<b>Technician:</b>	P. Lananna	<b>Date:</b>	April 24, 2000				
<b>Notes:</b>	Test Distance: 3 Meters	Duty Cycle: 30%					
<b>HIGH</b>	Detector: Peak, unless otherwise specified	Duty Cycle Correction: - 10.5 dB					
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
GHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
14.88	H / 1.0	X	45.8	-10.5	35.3	58.2*	500
	H / 1.0	Y	45.8	-10.5	35.3	58.2*	
	H / 1.0	Z	45.8	-10.5	35.3	58.2*	
	V / 1.0	X	45.8	-10.5	35.3	58.2*	
	V / 1.0	Y	45.8	-10.5	35.3	58.2*	
14.88	V / 1.0	Z	45.8	-10.5	35.3	58.2*	500
17.36	H / 1.0	X	51.5	-10.5	41.0	112.2*	500
	H / 1.0	Y	51.5	-10.5	41.0	112.2*	
	H / 1.0	Z	51.5	-10.5	41.0	112.2*	
	V / 1.0	X	51.5	-10.5	41.0	112.2*	
	V / 1.0	Y	51.5	-10.5	41.0	112.2*	
17.36	V / 1.0	Z	51.5	-10.5	41.0	112.2*	500
19.84	H / 1.0	X	62.9	-10.5	52.4	416.9*	500
	H / 1.0	Y	62.9	-10.5	52.4	416.9*	
	H / 1.0	Z	62.9	-10.5	52.4	416.9*	
	V / 1.0	X	62.9	-10.5	52.4	416.9*	
	V / 1.0	Y	62.9	-10.5	52.4	416.9*	
19.84	V / 1.0	Z	62.9	-10.5	52.4	416.9*	500
22.32	H / 1.0	X	60.4	-10.5	49.9	312.6*	500
	H / 1.0	Y	60.4	-10.5	49.9	312.6*	
	H / 1.0	Z	60.4	-10.5	49.9	312.6*	
	V / 1.0	X	60.4	-10.5	49.9	312.6*	
	V / 1.0	Y	60.4	-10.5	49.9	312.6*	
22.32	V / 1.0	Z	60.4	-10.5	49.9	312.6*	500
24.80	H / 1.0	X	59.9	-10.5	49.4	295.1*	500
	H / 1.0	Y	59.9	-10.5	49.4	295.1*	
	H / 1.0	Z	59.9	-10.5	49.4	295.1*	
	V / 1.0	X	59.9	-10.5	49.4	295.1*	
	V / 1.0	Y	59.9	-10.5	49.4	295.1*	
24.80	V / 1.0	Z	59.9	-10.5	49.4	295.1*	500
The frequency range was scanned from 30 MHz to 24GHz. 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-8508