

Test Method:	FCC Part 15 Subpart C Radiated Emissions Paragraph 15.249						
Customer:	Symbol Technologies, Inc				Job No.	R-8060	
Test Sample:	Wireless Barcode Scanner				FCC ID:	H9PP470	
Model No.:	P470				Serial No.	N/A	
Operating Mode:	Continuously Transmitter 2.445 Ghz Signal						
Technician:	Dennis Cortes				Date:	June 3,1999	
Notes:	Test Distance: 3 Meters Temp: 30C Humidity:35% Detector: Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
2445	H / 1.1	X	61.0	33.9	94.9	55590.4	500000
2445	H / 1.4	Y	67.3	33.9	101.2	114815.4	500000
2445	H / 1.1	Z	63.4	33.9	97.3	73282.5	500000
2445	V / 1.3	X	67.2	33.9	101.1	113501.1	500000
2445	V / 1.4	Y	60.9	33.9	94.8	54954.1	500000
2445	V / 1.0	Z	61.2	33.9	95.1	56885.3	500000
4890	H / 1.1	X	44.2	-0.6	43.6	151.4	5000
4890	H / 1.1	Y	45.6	-0.6	45.0	177.8	5000
4890	H / 1.2	Z	46.0	-0.6	45.4	186.2	5000
4890	V / 1.3	X	44.3	-0.6	43.7	153.1	5000
4890	V / 1.4	Y	42.4	-0.6	41.8	123.0	5000
4890	V / 1.2	Z	41.8	-0.6	41.2	114.8	5000
7335	H / 1.0	X	43.1	-6.6	36.5	66.8	5000
7335	H / 1.0	Y	48.0	-6.6	41.4	117.5	5000
7335	H / 1.1	Z	43.4	-6.6	36.8	69.2	5000
7335	V / 1.2	X	46.0	-6.6	39.4	93.3	5000
7335	V / 1.0	Y	40.8	-6.6	34.2	51.3	5000
7335	V / 1.0	Z	42.2	-6.6	35.6	60.3	5000
9780	H / 1.0	X	43.4	-2.8	40.6	*107.2	5000
9780	H / 1.0	Y	43.4	-2.8	40.6	*107.2	5000
9780	H / 1.0	Z	43.4	-2.8	40.6	*107.2	5000
9780	V / 1.0	X	43.4	-2.8	40.6	*107.2	5000
9780	V / 1.0	Y	43.4	-2.8	40.6	*107.2	5000
9780	V / 1.0	Z	43.4	-2.8	40.6	*107.2	5000
12225	H / 1.0	X	43.7	0.4	44.1	*160.3	5000
12225	H / 1.0	Y	43.7	0.4	44.1	*160.3	5000
12225	H / 1.0	Z	43.7	0.4	44.1	*160.3	5000
12225	V / 1.0	X	43.7	0.4	44.1	*160.3	5000
12225	V / 1.0	Y	43.7	0.4	44.1	*160.3	5000
12225	V / 1.0	Z	43.7	0.4	44.1	*160.3	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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Operating Mode:	Continuously Transmitter 2.445 Ghz Signal						
Technician:	Dennis Cortes				Date:	June 3,1999	
Notes:	Test Distance: 3 Meters Temp: 30C Humidity:35% Detector: Quasi-Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Peak Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	UV/m	uV/m
14670	H / 1.0	X	37.8	3.7	41.5	*118.9	5000
14670	H / 1.0	Y	37.8	3.7	41.5	*118.9	5000
14670	H / 1.0	Z	37.8	3.7	41.5	*118.9	5000
14670	V / 1.0	X	37.8	3.7	41.5	*118.9	5000
14670	V / 1.0	Y	37.8	3.7	41.5	*118.9	5000
14670	V / 1.0	Z	37.8	3.7	41.5	*118.9	5000
17115	H / 1.0	X	37.1	9.4	46.5	*211.3	5000
17115	H / 1.0	Y	37.1	9.4	46.5	*211.3	5000
17115	H / 1.0	Z	37.1	9.4	46.5	*211.3	5000
17115	V / 1.0	X	37.1	9.4	46.5	*211.3	5000
17115	V / 1.0	Y	37.1	9.4	46.5	*211.3	5000
17115	V / 1.0	Z	37.1	9.4	46.5	*211.3	5000
19560	H / 1.0	X	32.2	22.7	54.9	*555.9	5000
19560	H / 1.0	Y	32.2	22.7	54.9	*555.9	5000
19560	H / 1.0	Z	32.2	22.7	54.9	*555.9	5000
19560	V / 1.0	X	32.2	22.7	54.9	*555.9	5000
19560	V / 1.0	Y	32.2	22.7	54.9	*555.9	5000
19560	V / 1.0	Z	32.2	22.7	54.9	*555.9	5000
22005	H / 1.0	X	32.5	23.0	55.5	*595.7	5000
22005	H / 1.0	Y	32.5	23.0	55.5	*595.7	5000
22005	H / 1.0	Z	32.5	23.0	55.5	*595.7	5000
22005	V / 1.0	X	32.5	23.0	55.5	*595.7	5000
22005	V / 1.0	Y	32.5	23.0	55.5	*595.7	5000
22005	V / 1.0	Z	32.5	23.0	55.5	*595.7	5000
24450	H / 1.0	X	32.9	23.4	56.3	*653.1	5000
24450	H / 1.0	Y	32.9	23.4	56.3	*653.1	5000
24450	H / 1.0	Z	32.9	23.4	56.3	*653.1	5000
24450	V / 1.0	X	32.9	23.4	56.3	*653.1	5000
24450	V / 1.0	Y	32.9	23.4	56.3	*653.1	5000
24450	V / 1.0	Z	32.9	23.4	56.3	*653.1	5000
The frequency range was scanned from 30 Mhz to 25.0 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 Transmitter 2.445 Ghz Signal						
Technician:	Dennis Cortes				Date:	June 3,1999	
Notes:	Test Distance: 3 Meters		Duty Cycle: 30%				
	Detector: Peak		Duty Cycle Correction: -10.5 dB				
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	uV/m	uV/m
2445	H / 1.1	X	94.9	-10.5	84.4	16595.9	50000
2445	H / 1.4	Y	101.2	-10.5	90.7	34276.8	50000
2445	H / 1.1	Z	97.3	-10.5	86.8	21877.6	50000
2445	V / 1.3	X	101.1	-10.5	90.6	33884.4	50000
2445	V / 1.4	Y	94.8	-10.5	84.3	16405.9	50000
2445	V / 1.0	Z	95.1	-10.5	84.6	16982.4	50000
4890	H / 1.1	X	43.6	-10.5	33.1	45.2	500
4890	H / 1.1	Y	45.0	-10.5	34.5	53.1	500
4890	H / 1.2	Z	45.4	-10.5	34.9	55.6	500
4890	V / 1.3	X	43.7	-10.5	33.2	45.7	500
4890	V / 1.4	Y	41.8	-10.5	31.3	36.7	500
4890	V / 1.2	Z	41.2	-10.5	30.7	34.3	500
7335	H / 1.0	X	36.5	-10.5	26.0	20.0	500
7335	H / 1.0	Y	41.4	-10.5	30.9	35.1	500
7335	H / 1.1	Z	36.8	-10.5	26.3	20.7	500
7335	V / 1.2	X	39.4	-10.5	28.9	27.9	500
7335	V / 1.0	Y	34.2	-10.5	23.7	15.3	500
7335	V / 1.0	Z	35.6	-10.5	25.1	18.0	500
9780	H / 1.0	X	40.6	-10.5	30.1	*32.0	500
9780	H / 1.0	Y	40.6	-10.5	30.1	*32.0	500
9780	H / 1.0	Z	40.6	-10.5	30.1	*32.0	500
9780	V / 1.0	X	40.6	-10.5	30.1	*32.0	500
9780	V / 1.0	Y	40.6	-10.5	30.1	*32.0	500
9780	V / 1.0	Z	40.6	-10.5	30.1	*32.0	500
12225	H / 1.0	X	44.1	-10.5	33.6	*47.9	500
12225	H / 1.0	Y	44.1	-10.5	33.6	*47.9	500
12225	H / 1.0	Z	44.1	-10.5	33.6	*47.9	500
12225	V / 1.0	X	44.1	-10.5	33.6	*47.9	500
12225	V / 1.0	Y	44.1	-10.5	33.6	*47.9	500
12225	V / 1.0	Z	44.1	-10.5	33.6	*47.9	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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Notes:	Test Distance: 3 Meters		Duty Cycle: 30%				
	Detector: Peak		Duty Cycle Correction: -10.5 dB				
Test Freq.	Antenna Pol./Height	EUT Orientation	Peak Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
Mhz	(V/H) / Degrees	X / Y / Z	dBuv	dB	dBuV/m	UV/m	uV/m
14670	H / 1.0	X	41.5	-10.5	31.0	*35.5	500
14670	H / 1.0	Y	41.5	-10.5	31.0	*35.5	500
14670	H / 1.0	Z	41.5	-10.5	31.0	*35.5	500
14670	V / 1.0	X	41.5	-10.5	31.0	*35.5	500
14670	V / 1.0	Y	41.5	-10.5	31.0	*35.5	500
14670	V / 1.0	Z	41.5	-10.5	31.0	*35.5	500
17115	H / 1.0	X	46.5	-10.5	36.0	*63.1	500
17115	H / 1.0	Y	46.5	-10.5	36.0	*63.1	500
17115	H / 1.0	Z	46.5	-10.5	36.0	*63.1	500
17115	V / 1.0	X	46.5	-10.5	36.0	*63.1	500
17115	V / 1.0	Y	46.5	-10.5	36.0	*63.1	500
17115	V / 1.0	Z	46.5	-10.5	36.0	*63.1	500
19560	H / 1.0	X	54.9	-10.5	44.4	*166.0	500
19560	H / 1.0	Y	54.9	-10.5	44.4	*166.0	500
19560	H / 1.0	Z	54.9	-10.5	44.4	*166.0	500
19560	V / 1.0	X	54.9	-10.5	44.4	*166.0	500
19560	V / 1.0	Y	54.9	-10.5	44.4	*166.0	500
19560	V / 1.0	Z	54.9	-10.5	44.4	*166.0	500
22005	H / 1.0	X	55.5	-10.5	45.0	*177.8	500
22005	H / 1.0	Y	55.5	-10.5	45.0	*177.8	500
22005	H / 1.0	Z	55.5	-10.5	45.0	*177.8	500
22005	V / 1.0	X	55.5	-10.5	45.0	*177.8	500
22005	V / 1.0	Y	55.5	-10.5	45.0	*177.8	500
22005	V / 1.0	Z	55.5	-10.5	45.0	*177.8	500
24450	H / 1.0	X	56.3	-10.5	45.8	*195.0	500
24450	H / 1.0	Y	56.3	-10.5	45.8	*195.0	500
24450	H / 1.0	Z	56.3	-10.5	45.8	*195.0	500
24450	V / 1.0	X	56.3	-10.5	45.8	*195.0	500
24450	V / 1.0	Y	56.3	-10.5	45.8	*195.0	500
24450	V / 1.0	Z	56.3	-10.5	45.8	*195.0	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)						

