

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 2.480 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
2480	H / 1.5	X	61.8	33.9	95.7	60953.7	500000
2480	H / 1.3	Y	67.6	33.9	101.5	118850.2	500000
2480	H / 1.3	Z	64.2	33.9	98.1	80352.6	500000
2480	V / 1.2	X	65.6	33.9	99.5	94406.1	500000
2480	V / 1.2	Y	61.2	33.9	95.1	56885.3	500000
2480	V / 1.2	Z	60.0	33.9	93.9	49545.0	500000
4960	H / 1.0	X	45.1	-0.6	44.5	167.9	5000
4960	H / 1.2	Y	46.5	-0.6	45.9	197.2	5000
4960	H / 1.4	Z	47.3	-0.6	46.7	216.3	5000
4960	V / 1.2	X	45.6	-0.6	45.0	177.8	5000
4960	V / 1.3	Y	43.9	-0.6	43.3	146.2	5000
4960	V / 1.4	Z	41.7	-0.6	41.1	113.5	5000
7440	H / 1.0	X	42.3	-6.6	35.7	61.0	5000
7440	H / 1.0	Y	48.0	-6.6	41.4	117.5	5000
7440	H / 1.0	Z	43.2	-6.6	36.6	67.6	5000
7440	V / 1.2	X	49.8	-6.6	43.2	144.5	5000
7440	V / 1.1	Y	43.0	-6.6	36.4	66.1	5000
7440	V / 1.0	Z	43.1	-6.6	36.5	66.8	5000
9920	H / 1.0	X	43.4	-2.8	40.6	*107.2	5000
9920	H / 1.0	Y	43.4	-2.8	40.6	*107.2	5000
9920	H / 1.0	Z	43.4	-2.8	40.6	*107.2	5000
9920	V / 1.0	X	43.4	-2.8	40.6	*107.2	5000
9920	V / 1.0	Y	43.4	-2.8	40.6	*107.2	5000
9920	V / 1.0	Z	43.4	-2.8	40.6	*107.2	5000
12400	H / 1.0	X	43.7	0.4	44.1	*160.3	5000
12400	H / 1.0	Y	43.7	0.4	44.1	*160.3	5000
12400	H / 1.0	Z	43.7	0.4	44.1	*160.3	5000
12400	V / 1.0	X	43.7	0.4	44.1	*160.3	5000
12400	V / 1.0	Y	43.7	0.4	44.1	*160.3	5000
12400	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 2.480 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
14880	H / 1.0	X	37.8	3.7	41.5	*118.9	5000
14880	H / 1.0	Y	37.8	3.7	41.5	*118.9	5000
14880	H / 1.0	Z	37.8	3.7	41.5	*118.9	5000
14880	V / 1.0	X	37.8	3.7	41.5	*118.9	5000
14880	V / 1.0	Y	37.8	3.7	41.5	*118.9	5000
14880	V / 1.0	Z	37.8	3.7	41.5	*118.9	5000
17360	H / 1.0	X	37.1	9.4	46.5	*211.3	5000
17360	H / 1.0	Y	37.1	9.4	46.5	*211.3	5000
17360	H / 1.0	Z	37.1	9.4	46.5	*211.3	5000
17360	V / 1.0	X	37.1	9.4	46.5	*211.3	5000
17360	V / 1.0	Y	37.1	9.4	46.5	*211.3	5000
17360	V / 1.0	Z	37.1	9.4	46.5	*211.3	5000
19840	H / 1.0	X	32.2	22.7	54.9	*555.9	5000
19840	H / 1.0	Y	32.2	22.7	54.9	*555.9	5000
19840	H / 1.0	Z	32.2	22.7	54.9	*555.9	5000
19840	V / 1.0	X	32.2	22.7	54.9	*555.9	5000
19840	V / 1.0	Y	32.2	22.7	54.9	*555.9	5000
19840	V / 1.0	Z	32.2	22.7	54.9	*555.9	5000
22320	H / 1.0	X	32.5	23.0	55.5	*595.7	5000
22320	H / 1.0	Y	32.5	23.0	55.5	*595.7	5000
22320	H / 1.0	Z	32.5	23.0	55.5	*595.7	5000
22320	V / 1.0	X	32.5	23.0	55.5	*595.7	5000
22320	V / 1.0	Y	32.5	23.0	55.5	*595.7	5000
22320	V / 1.0	Z	32.5	23.0	55.5	*595.7	5000
24800	H / 1.0	X	32.9	23.4	56.3	*653.1	5000
24800	H / 1.0	Y	32.9	23.4	56.3	*653.1	5000
24800	H / 1.0	Z	32.9	23.4	56.3	*653.1	5000
24800	V / 1.0	X	32.9	23.4	56.3	*653.1	5000
24800	V / 1.0	Y	32.9	23.4	56.3	*653.1	5000
24800	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.							
*=Noise Floor Measurements (Minimum system sensitivity)							

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Model No.:	P470				Serial No.	N/A	
Operating Mode:	Continuously Transmitter 2.480 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
2480	H / 1.2	X	95.7	-10.5	85.2	18197.0	50000
2480	H / 1.2	Y	101.5	-10.5	91.0	35481.3	50000
2480	H / 1.4	Z	98.1	-10.5	87.6	23988.3	50000
2480	V / 1.4	X	99.5	-10.5	89.0	28183.8	50000
2480	V / 1.0	Y	95.1	-10.5	84.6	16982.4	50000
2480	V / 1.0	Z	93.9	-10.5	83.4	14791.1	50000
4960	H / 1.0	X	44.5	-10.5	34.0	50.1	500
4960	H / 1.4	Y	45.9	-10.5	35.4	58.9	500
4960	H / 1.3	Z	46.7	-10.5	36.2	64.6	500
4960	V / 1.3	X	45.0	-10.5	34.5	53.1	500
4960	V / 1.2	Y	43.3	-10.5	32.8	43.7	500
4960	V / 1.3	Z	41.1	-10.5	30.6	33.9	500
7440	H / 1.2	X	35.7	-10.5	25.2	18.2	500
7440	H / 1.0	Y	41.4	-10.5	30.9	35.1	500
7440	H / 1.2	Z	36.6	-10.5	26.1	20.2	500
7440	V / 1.3	X	43.2	-10.5	32.7	43.2	500
7440	V / 1.0	Y	36.4	-10.5	25.9	19.7	500
7440	V / 1.0	Z	36.5	-10.5	26.0	20.0	500
9920	H / 1.0	X	40.6	-10.5	30.1	*32.0	500
9920	H / 1.0	Y	40.6	-10.5	30.1	*32.0	500
9920	H / 1.0	Z	40.6	-10.5	30.1	*32.0	500
9920	V / 1.0	X	40.6	-10.5	30.1	*32.0	500
9920	V / 1.0	Y	40.6	-10.5	30.1	*32.0	500
9920	V / 1.0	Z	40.6	-10.5	30.1	*32.0	500
12400	H / 1.0	X	44.1	-10.5	33.6	*47.9	500
12400	H / 1.0	Y	44.1	-10.5	33.6	*47.9	500
12400	H / 1.0	Z	44.1	-10.5	33.6	*47.9	500
12400	V / 1.0	X	44.1	-10.5	33.6	*47.9	500
12400	V / 1.0	Y	44.1	-10.5	33.6	*47.9	500
12400	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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Operating Mode:	Continuously Transmitter 2.480 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
14880	H / 1.0	X	41.5	-10.5	31.0	*35.5	500
14880	H / 1.0	Y	41.5	-10.5	31.0	*35.5	500
14880	H / 1.0	Z	41.5	-10.5	31.0	*35.5	500
14880	V / 1.0	X	41.5	-10.5	31.0	*35.5	500
14880	V / 1.0	Y	41.5	-10.5	31.0	*35.5	500
14880	V / 1.0	Z	41.5	-10.5	31.0	*35.5	500
17360	H / 1.0	X	46.5	-10.5	36.0	*63.1	500
17360	H / 1.0	Y	46.5	-10.5	36.0	*63.1	500
17360	H / 1.0	Z	46.5	-10.5	36.0	*63.1	500
17360	V / 1.0	X	46.5	-10.5	36.0	*63.1	500
17360	V / 1.0	Y	46.5	-10.5	36.0	*63.1	500
17360	V / 1.0	Z	46.5	-10.5	36.0	*63.1	500
19840	H / 1.0	X	54.9	-10.5	44.4	*166.0	500
19840	H / 1.0	Y	54.9	-10.5	44.4	*166.0	500
19840	H / 1.0	Z	54.9	-10.5	44.4	*166.0	500
19840	V / 1.0	X	54.9	-10.5	44.4	*166.0	500
19840	V / 1.0	Y	54.9	-10.5	44.4	*166.0	500
19840	V / 1.0	Z	54.9	-10.5	44.4	*166.0	500
22320	H / 1.0	X	55.5	-10.5	45.0	*177.8	500
22320	H / 1.0	Y	55.5	-10.5	45.0	*177.8	500
22320	H / 1.0	Z	55.5	-10.5	45.0	*177.8	500
22320	V / 1.0	X	55.5	-10.5	45.0	*177.8	500
22320	V / 1.0	Y	55.5	-10.5	45.0	*177.8	500
22320	V / 1.0	Z	55.5	-10.5	45.0	*177.8	500
24800	H / 1.0	X	56.3	-10.5	45.8	*195.0	500
24800	H / 1.0	Y	56.3	-10.5	45.8	*195.0	500
24800	H / 1.0	Z	56.3	-10.5	45.8	*195.0	500
24800	V / 1.0	X	56.3	-10.5	45.8	*195.0	500
24800	V / 1.0	Y	56.3	-10.5	45.8	*195.0	500
24800	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)						

