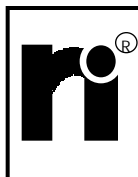


Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Symbol Technologies			Job No.	R-8476		
Test Sample:	I.R. Barcode Scanner w/ New Antenna			Paragraph:	15.249(a)		
Model No.:	P470			FCC ID:	H9PP470		
Operating Mode:	Continuously Transmitting a 2.4 GHz Signal						
Technician:	P. Lananna			Date:	April 6, 2000		
Notes:	Test Distance: 3 Meters						
LOW	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
2.402	H / 1.0	X	106.7	-11.5	95.2	57544.0	500000
	H / 1.0	Y	108.0	-11.5	96.5	66834.4	
	H / 1.0	Z	100.2	-11.5	88.7	27227.0	
	V / 1.0	X	105.9	-11.5	94.4	52480.7	
	V / 1.0	Y	105.0	-11.5	93.5	47315.1	
2.402	V / 1.0	Z	105.9	-11.5	94.4	52480.7	500000
4.804	H / 1.0	X	53.0	-4.1	48.9	278.6	5000
	H / 1.0	Y	53.6	-4.1	49.5	298.5	
	H / 1.0	Z	49.0	-4.1	44.9	175.8	
	V / 1.0	X	51.8	-4.1	47.7	242.7	
	V / 1.0	Y	55.4	-4.1	51.3	367.3	
4.804	V / 1.0	Z	52.5	-4.1	48.4	263.0	5000
7.206	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*	
7.206	V / 1.0	Z	36.0	-2.1	33.9	49.5*	5000
9.608	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*	
9.608	V / 1.0	Z	33.0	-1.8	31.2	36.3*	5000
12.01	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*	
12.01	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-8476

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Symbol Technologies	Job No.:	R-8476				
Test Sample:	I.R. Barcode Scanner w/ New Antenna	Paragraph:	15.249(a)				
Model No.:	P470	FCC ID:	H9PP470				
Operating Mode:	Continuously Transmitting a 2.4 GHz Signal						
Technician:	P. Lananna	Date:	April 6, 2000				
Notes:	Test Distance: 3 Meters**=Readings <u>taken @ 1</u> meter, correction factor includes correction for distance.						
LOW	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
14.41	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*	
14.41	V / 1.0	Z	35.0	10.8	45.8	195.0*	5000
16.81	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*	
16.81	V / 1.0	Z	36.0	15.5	51.5	375.8*	5000
19.21	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*	
19.21	V / 1.0	Z	40.0	22.9**	62.9	1396.4*	5000
21.61	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*	
21.61	V / 1.0	Z	37.2	23.2**	60.4	1047.1*	5000
24.02	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*	
24.02	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-8476

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Symbol Technologies	Job No.:	R-8476				
Test Sample:	I.R. Barcode Scanner w/ New Antenna	Paragraph:	15.249(a)				
Model No.:	P470	FCC ID:	H9PP470				
Operating Mode:	Continuously Transmitting a 2.4 GHz Signal						
Technician:	P. Lananna	Date:	April 6, 2000				
Notes:	Test Distance: 3 Meters	Duty Cycle: 30%					
LOW	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
2.402	H / 1.0	X	95.2	-10.5	84.7	17179.1	50000
	H / 1.0	Y	96.5	-10.5	86.0	19952.6	
	H / 1.0	Z	88.7	-10.5	78.2	8128.3	
	V / 1.0	X	94.4	-10.5	83.9	15667.5	
	V / 1.0	Y	93.5	-10.5	83.0	14125.4	
2.402	V / 1.0	Z	94.4	-10.5	83.9	15667.5	50000
4.804	H / 1.0	X	48.9	-10.5	38.4	83.2	500
	H / 1.0	Y	49.5	-10.5	39.0	89.1	
	H / 1.0	Z	44.9	-10.5	34.4	52.5	
	V / 1.0	X	47.7	-10.5	37.2	72.4	
	V / 1.0	Y	51.3	-10.5	40.8	109.6	
4.804	V / 1.0	Z	48.4	-10.5	37.9	78.5	500
7.206	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*	
7.206	V / 1.0	Z	33.9	-10.5	23.4	14.8*	500
9.608	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*	
9.608	V / 1.0	Z	31.2	-10.5	20.7	10.8*	500
12.01	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*	
12.01	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-8476

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Symbol Technologies	Job No.:	R-8476				
Test Sample:	I.R. Barcode Scanner w/ New Antenna	Paragraph:	15.249(a)				
Model No.:	P470	FCC ID:	H9PP470				
Operating Mode:	Continuously Transmitting a 2.4 GHz Signal						
Technician:	P. Lananna	Date:	April 6, 2000				
Notes:	Test Distance: 3 Meters		Duty Cycle: 30%				
LOW	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
14.41	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*	
14.41	V / 1.0	Z	45.8	-10.5	35.3	58.2*	500
16.81	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*	
16.81	V / 1.0	Z	51.5	-10.5	41.0	112.2*	500
19.21	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*	
19.21	V / 1.0	Z	62.9	-10.5	52.4	416.9*	500
21.61	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*	
21.61	V / 1.0	Z	60.4	-10.5	49.9	312.6*	500
24.02	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*	
24.02	V / 1.0	Z	59.9	-10.5	49.4	295.1*	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

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