

Test Method:	FCC Part 15 Subpart C Radiated Emissions						
Customer:	Fomotech International Corporation				Job No.	R-8870-2	
Test Sample:	RF Transmitter				FCC ID:	LZ6ALPHA504SERIES	
Model No.:	Alpha 520				Serial No.	00500022	
Operating Mode:	Continuously Transmitting 301.105 MHz Signal						
Technician:	Dennis Cortes				Date:	January 6, 1999	
Notes:	Test Distance: 3 Meters		Temp:04C		Humidity:46%		
	Detector Function: Peak						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Average Limit
MHz	(H/V) / meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
301.105	H/1.6	X	67.6	-4.3	63.3	1462.2	5460
301.105	H/1.6	Y	77.9	-4.3	73.6	4786.3	5460
301.105	H/1.0	Z	77.8	-4.3	73.5	4731.5	5460
301.105	V/1.5	X	75.8	-4.3	71.5	3758.4	5460
301.105	V/1.0	Y	66.3	-4.3	62.0	1258.9	5460
301.105	V/1.0	Z	66.2	-4.3	61.9	1244.5	5460
602.210	H/1.3	X	33.0	2.4	35.4	58.9	546
602.210	H/1.3	Y	35.4	2.4	37.8	77.6	546
602.210	H/1.4	Z	34.0	2.4	36.4	66.1	546
602.210	V/1.4	X	34.8	2.4	37.2	72.4	546
602.210	V/1.8	Y	32.0	2.4	34.4	52.5	546
602.210	V/1.1	Z	31.7	2.4	34.1	50.7	546
903.315	H/1.0	X	26.4	8.3	34.7	*54.3	546
903.315	H/1.0	Y	26.4	8.3	34.7	*54.3	546
903.315	H/1.0	Z	26.4	8.3	34.7	*54.3	546
903.315	V/1.0	X	26.4	8.3	34.7	*54.3	546
903.315	V/1.0	Y	26.4	8.3	34.7	*54.3	546
903.315	V/1.0	Z	26.4	8.3	34.7	*54.3	546
1204.420	H/1.2	X	47.3	-6.3	41.0	112.2	500
1204.420	H/1.0	Y	46.5	-6.3	40.2	102.3	500
1204.420	H/1.1	Z	46.8	-6.3	40.5	105.9	500
1204.420	V/1.0	X	47.2	-6.3	40.9	110.9	500
1204.420	V/1.2	Y	46.3	-6.3	40.0	100.0	500
1204.420	V/1.0	Z	47.1	-6.3	40.8	109.6	500
1505.525	H/1.0	X	42.0	-4.8	37.2	*72.4	500
1505.525	H/1.0	Y	42.0	-4.8	37.2	*72.4	500
1505.525	H/1.0	Z	42.0	-4.8	37.2	*72.4	500
1505.525	V/1.0	X	42.0	-4.8	37.2	*72.4	500
1505.525	V/1.0	Y	42.0	-4.8	37.2	*72.4	500
1505.525	V/1.0	Z	42.0	-4.8	37.2	*72.4	500
The frequency range was scanned form 30 MHz to 3.1 GHz.							
Emissions from the EUT do not exceed the specified limits.							
*=-Noise Floor Measurements (Minimum System Sensitivity)							



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MHz	(H/V) / meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
1806.630	H/1.0	X	43.0	1.7	44.7	*171.8	546
1806.630	H/1.0	Y	43.0	1.7	44.7	*171.8	546
1806.630	H/1.0	Z	43.0	1.7	44.7	*171.8	546
1806.630	V/1.0	X	43.0	1.7	44.7	*171.8	546
1806.630	V/1.0	Y	43.0	1.7	44.7	*171.8	546
1806.630	V/1.0	Z	43.0	1.7	44.7	*171.8	546
2107.735	H/1.0	X	42.7	-1.4	41.3	*116.1	546
2107.735	H/1.0	Y	42.7	-1.4	41.3	*116.1	546
2107.735	H/1.0	Z	42.7	-1.4	41.3	*116.1	546
2107.735	V/1.0	X	42.7	-1.4	41.3	*116.1	546
2107.735	V/1.0	Y	42.7	-1.4	41.3	*116.1	546
2107.735	V/1.0	Z	42.7	-1.4	41.3	*116.1	546
2408.840	H/1.0	X	42.6	-0.3	42.3	*130.3	546
2408.840	H/1.0	Y	42.6	-0.3	42.3	*130.3	546
2408.840	H/1.0	Z	42.6	-0.3	42.3	*130.3	546
2408.840	V/1.0	X	42.6	-0.3	42.3	*130.3	546
2408.840	V/1.0	Y	42.6	-0.3	42.3	*130.3	546
2408.840	V/1.0	Z	42.6	-0.3	42.3	*130.3	546
2709.945	H/1.0	X	42.8	0.9	43.7	*153.1	500
2709.945	H/1.0	Y	42.8	0.9	43.7	*153.1	500
2709.945	H/1.0	Z	42.8	0.9	43.7	*153.1	500
2709.945	V/1.0	X	42.8	0.9	43.7	*153.1	500
2709.945	V/1.0	Y	42.8	0.9	43.7	*153.1	500
2709.945	V/1.0	Z	42.8	0.9	43.7	*153.1	500
3011.050	H/1.0	X	42.9	3.1	46.0	*199.5	546
3011.050	H/1.0	Y	42.9	3.1	46.0	*199.5	546
3011.050	H/1.0	Z	42.9	3.1	46.0	*199.5	546
3011.050	V/1.0	X	42.9	3.1	46.0	*199.5	546
3011.050	V/1.0	Y	42.9	3.1	46.0	*199.5	546
3011.050	V/1.0	Z	42.9	3.1	46.0	*199.5	546
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