

Test Method:	FCC Part 15 Subpart C Radiated Emissions, Fundamental & Harmonic Emissions						
Customer:	Minorplanet Systems PLC				Job No.	R-9469	
Test Sample:	902.8MHz Transceiver Base Station				Paragraph:	15.249	
Model No.:	AEMB100				FCC ID:	QDAAEMB100	
Operating Mode:	Continuously Transmitting a 902.8 MHz Signal						
Technician:	Peter Lananna				Date:	July 22, 2002	
Notes:	Test Distance: 3 Meters Detector: Quasi-Peak below 1 GHz, Peak Above 1 GHz						
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)/Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
902.8	H / 1.3	X	54.6	29.8	84.4	16595.9QP	50000QP
	H / 1.3	Y	49.0	29.8	78.8	8709.6QP	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.3	X	51.6	29.8	81.4	11749.0QP	
	V / 1.8	Y	54.2	29.8	84.0	15848.9QP	
902.8	V / NA	Z	NA	NA	NA	NA	50000QP
1805.6	H / 1.0	X	37.3	3.4	40.7	108.4*	500
	H / 1.0	Y	37.3	3.4	40.7	108.4*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	37.3	3.4	40.7	108.4*	
	V / 1.0	Y	37.3	3.4	40.7	108.4*	
1805.6	V / NA	Z	NA	NA	NA	NA	500
2708.4	H / 1.0	X	36.7	-3.0	33.7	48.4*	500
	H / 1.0	Y	36.7	-3.0	33.7	48.4*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	36.7	-3.0	33.7	48.4*	
	V / 1.0	Y	36.7	-3.0	33.7	48.4*	
2708.4	V / NA	Z	NA	NA	NA	NA	500
3611.2	H / 1.0	X	36.2	-0.2	36.0	63.1*	500
	H / 1.0	Y	36.2	-0.2	36.0	63.1*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	36.2	-0.2	36.0	63.1*	
	V / 1.0	Y	36.2	-0.2	36.0	63.1*	
3611.2	V / NA	Z	NA	NA	NA	NA	500
4514.0	H / 1.0	X	36.9	3.1	40.0	100.0*	500
	H / 1.0	Y	36.9	3.1	40.0	100.0*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	36.9	3.1	40.0	100.0*	
	V / 1.0	Y	36.9	3.1	40.0	100.0*	
4514.0	V / NA	Z	NA	NA	NA	NA	500
The frequency range was scanned from 30 MHz to 9.1 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.:		AEMB100			FCC ID:		QDAAEMB100
Operating Mode:		Continuously Transmitting a 902.8 MHz Signal					
Technician:		Peter Lananna			Date:		July 22, 2002
Notes:		Test Distance: 3 Meters Detector: Peak, unless otherwise specified					
Test Freq.	Antenna Pol./Height	EUT Orientation	Meter Reading	Correction Factor	Corrected Reading	Converted Reading	Avg. Limit
MHz	(V/H)-Meters	X / Y / Z	dBuV	dB	dBuV/m	uV/m	uV/m
5416.8	H / 1.0	X	36.5	2.3	38.8	87.1*	500
	H / 1.0	Y	36.5	2.3	38.8	87.1*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	36.5	2.3	38.8	87.1*	
	V / 1.0	Y	36.5	2.3	38.8	87.1*	
5416.8	V / NA	Z	NA	NA	NA	NA	500
6319.6	H / 1.0	X	43.0	3.7	46.7	216.3*	500
	H / 1.0	Y	43.0	3.7	46.7	216.3*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	43.0	3.7	46.7	216.3*	
	V / 1.0	Y	43.0	3.7	46.7	216.3*	
6319.6	V / NA	Z	NA	NA	NA	NA	500
7222.4	H / 1.0	X	41.4	5.2	46.6	213.8*	500
	H / 1.0	Y	41.4	5.2	46.6	213.8*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	41.4	5.2	46.6	213.8*	
	V / 1.0	Y	41.4	5.2	46.6	213.8*	
7222.4	V / NA	Z	NA	NA	NA	NA	500
8125.2	H / 1.0	X	41.6	5.2	46.8	218.8*	500
	H / 1.0	Y	41.6	5.2	46.8	218.8*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	41.6	5.2	46.8	218.8*	
	V / 1.0	Y	41.6	5.2	46.8	218.8*	
8125.2	V / NA	Z	NA	NA	NA	NA	500
9028.0	H / 1.0	X	41.7	5.8	47.5	237.1*	500
	H / 1.0	Y	41.7	5.8	47.5	237.1*	
	H / NA	Z	NA	NA	NA	NA	
	V / 1.0	X	41.7	5.8	47.5	237.1*	
	V / 1.0	Y	41.7	5.8	47.5	237.1*	
9028.0	V / NA	Z	NA	NA	NA	NA	500
The frequency range was scanned from 30 MHz to 9.1 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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