

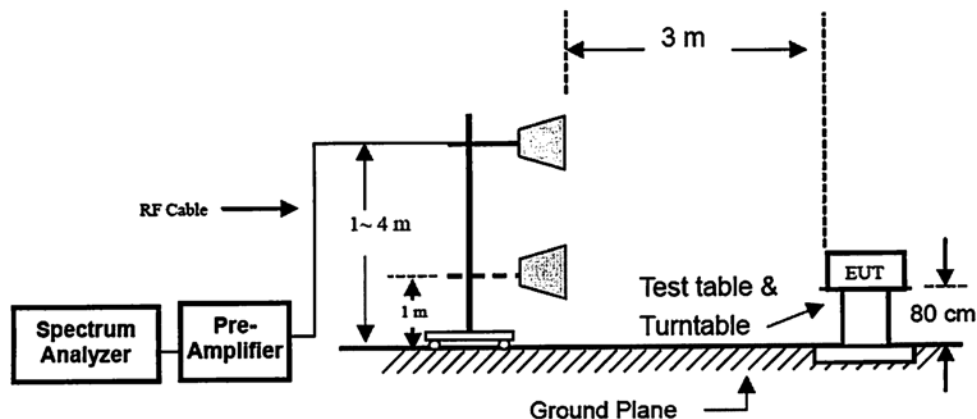
Applicant:	Microlynx	Model:	Testork 5031416	FCC ID:	L5M5031416	IC:	6364A-5031416	
DUT :	Testork 5031416, 2.4GHz Transmitter							
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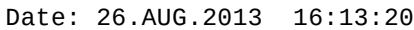
Normative Reference Standard	FCC CFR 47 §15.249; RSS-210
Procedure Reference	ANSI C63.4:2003

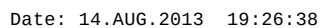
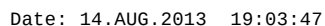
Temperature	25 +/- 5 °C
Humidity	40 +/- 10 %
Barometric Pressure	101 +/- 3 kPa

ASSET NUMBER	MANUFACTURER	MODEL	DESCRIPTION	CAL DUE
00241	R&S	FSP40	Spectrum Analyzer	09 Apr 15
00072	EMCO	2075	Mini-mast	n/a
00073	EMCO	2080	Turn Table	n/a
00071	EMCO	2090	Multi-Device Controller	n/a
00050	Chase	CBL-6111A	Bilog Antenna	03 May14
00034	ETS	3115	Double Ridged Guide Horn	06 Dec 14

Measurement Frequency above 1GHz







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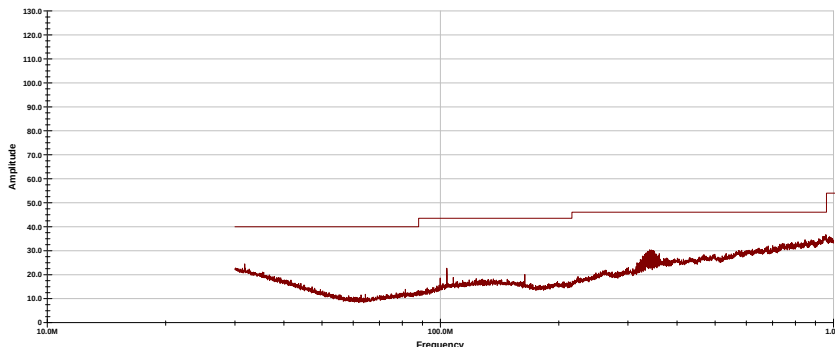

Test Lab Certificate No.
 2470.01

Frequency (MHz)	Antenna Pol.	Emission Level (dBuV/m) @1m	Antenna Factor (dB)	Cable Loss/Amp Gain Corr.	Distance Correction	Emission Level (dBuV/m@3m)	Limit (avg) (dBuV/m@3m)	Margin
7215.0	V	40.61	35.9	-26.0	-9.54	40.97	54.0	-13.03
7275.0	V	41.44	36.2	-26.0	-9.54	42.1	54.0	-11.9
7425.0	V	35.96	36.5	-26.0	-9.54	36.92	54.0	-17.08

Data presented using a Pk detector compared to average limits.
Device characterization was performed on all axis to determine worst case orientation.
The device was tested using fresh batteries throughout all testing.
Worst case performance has been presented.
The Device was searched to the 10th harmonic of the fundamental (24.75 GHz).
All detected emissions have been reported.

Radiated Spurious Emissions:
Microlynx Testork
Vertical Polarization

The graph displays the radiated spurious emissions for the Microlynx Testork device. The y-axis represents the amplitude in dBuV, ranging from 10.0 to 130.0. The x-axis represents the frequency in MHz on a logarithmic scale, ranging from 10.0M to 1.0G. The red line shows the measured emissions, which are generally below 40 dBuV. The blue stepped line indicates the regulatory limit, which is 40 dBuV from 10.0M to 100.0M MHz, 45 dBuV from 100.0M to 300.0M MHz, and 55 dBuV from 300.0M to 1.0G MHz.



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