



Figure 16 – Test Setup - 1 GHz to 2 GHz, Orientation Y

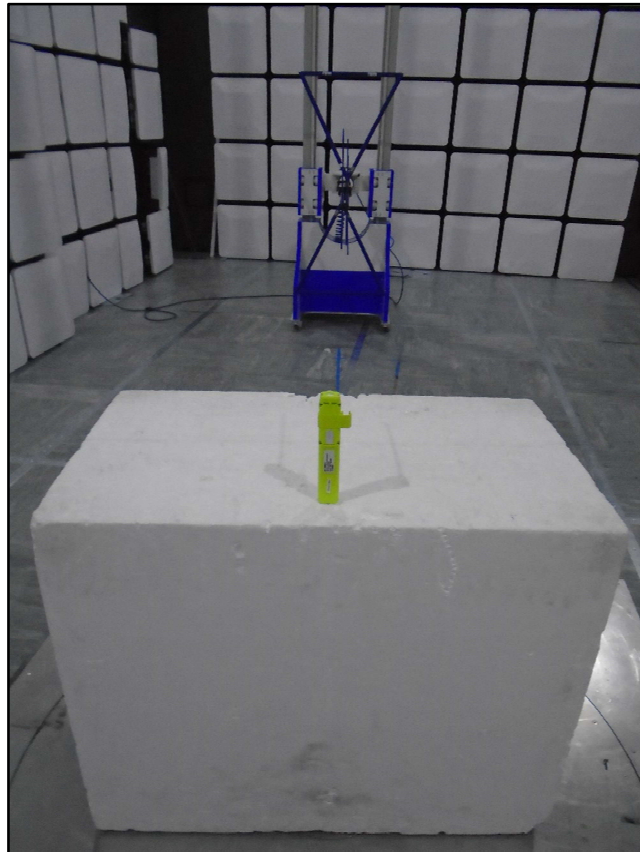


Figure 17 – Test Setup - 30 MHz to 1 GHz, Orientation Y



Figure 18 – Test Setup - 1 GHz to 2 GHz, Orientation Z



Figure 19 – Test Setup - 30 MHz to 1 GHz, Orientation Z



4 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Occupied Bandwidth	± 252.76 Hz
Radiated Spurious Emissions	± 3.45 dB
Transmitter Frequency and Output Power Stabilities	± 11 Hz
Modulation Characteristics	Minimum Audio Frequency: ± 22.4 Hz Maximum Audio Frequency: ± 121.56 Hz Audio Frequency Range: ± 123.6 Hz Sweep Repetition Rate: ± 5 % Modulation Factor: ± 5% Modulation Duty Cycle: ± 5% 30% Occupied Bandwidth: ± 5%
Spectrum Characteristics	± 1.8 dB
Peak Equivalent Isotropic Radiated Power	± 5.2 dB
Spurious Emissions at Antenna Terminals	± 3.45 dB

Table 18

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2007, Clause 4.4.3 and 4.5.1. (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.