

## Anechoic Chamber Questionnaire

Date: \_\_\_\_\_

Customer: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Address: \_\_\_\_\_

Tel: \_\_\_\_\_ Cell Phone: \_\_\_\_\_

Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

Chamber Type: EMC Test \_\_\_\_\_ RCS Test \_\_\_\_\_ Rectangular \_\_\_\_\_  
Tapered \_\_\_\_\_ Antenna Test \_\_\_\_\_

Approximate Chamber Size: \_\_\_\_\_ L × \_\_\_\_\_ W × \_\_\_\_\_ H

Power Requirements: \_\_\_\_\_ KW/m<sup>2</sup> \_\_\_\_\_ CW \_\_\_\_\_ Pulsed

Approximate Test Volume Size: \_\_\_\_\_ L × \_\_\_\_\_ W × \_\_\_\_\_ H

R/T Range of Antenna: \_\_\_\_\_ m

Frequency of Operation: \_\_\_\_\_ to \_\_\_\_\_ MHz

Frequency of Prime Use: \_\_\_\_\_ MHz

Chamber Quiet Zone Performance:

- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz    .- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz

- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz    .- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz

- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz    .- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz

- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz    .- \_\_\_\_\_ dB @ \_\_\_\_\_ MHz

**Types of Antennas to be Used as Sources:**

Log Periodic/Bi-Conical

Freq.: \_\_\_\_\_ MHz    Gain: \_\_\_\_\_ dB    3 dB Beamwidth \_\_\_\_\_

Standard Gain Horns:

Freq.: \_\_\_\_\_ MHz    Gain: \_\_\_\_\_ dB    3 dB Beamwidth \_\_\_\_\_

Characteristics of the Device under Test

High Directivity: \_\_\_\_\_    Low Directivity: \_\_\_\_\_

Narrow Band: \_\_\_\_\_    Broadband: \_\_\_\_\_

## Shielding

Is the Chamber to be Shielded? Yes \_\_\_\_\_ No \_\_\_\_\_

Shielding Type: Modular \_\_\_\_\_ Welded \_\_\_\_\_ Sheet Metal \_\_\_\_\_

Foil \_\_\_\_\_ Foil backed Drywall \_\_\_\_\_

Shielding Requirements: 60dB \_\_\_\_\_ 100 dB \_\_\_\_\_ 110 dB \_\_\_\_\_

Shielding specifications:

MIL-STD 285 \_\_\_\_\_ NSA-65-6 \_\_\_\_\_ GB12190-90 \_\_\_\_\_

Extended Frequency: \_\_\_\_\_

Host Building: New Construction \_\_\_\_\_ Existing Building \_\_\_\_\_

Concrete \_\_\_\_\_ Wood Frame \_\_\_\_\_ Metal \_\_\_\_\_

Room Location: Ground Floor \_\_\_\_\_ Upper Floors \_\_\_\_\_ Floor \_\_\_\_\_

Number of Shielding Doors: \_\_\_\_\_

Door 1: Size \_\_\_\_\_ W × \_\_\_\_\_ H

Door 1: Size \_\_\_\_\_ W × \_\_\_\_\_ H

Ventilation Requirements: Cooling \_\_\_\_\_ Heating \_\_\_\_\_ Humidifier \_\_\_\_\_

Fire Suppression: Wet Sprinkler \_\_\_\_\_ Dry Sprinkler \_\_\_\_\_ Halon \_\_\_\_\_

Electrical Services

Circuit 1: \_\_\_\_\_ Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase

Circuit 2: \_\_\_\_\_ Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase

Circuit 3: \_\_\_\_\_ Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase

Circuit 4: \_\_\_\_\_ Amps \_\_\_\_\_ Volts \_\_\_\_\_ Phase

## Schedule

Contract Award Date: \_\_\_\_\_

Expected Start Date: \_\_\_\_\_

Proposed Completion Date: \_\_\_\_\_

Notes: \_\_\_\_\_