



# FCC/IC Test Report

**FOR:**

**Company: SecureAlert**  
**Model Name: ReliAlert**  
**FCC ID: TPO-OTD36**  
**IC ID: 6512A-OTD36**

**47 CFR Part 2, 22, 24**  
**RSS-132 Issue 2**  
**RSS-133 Issue 5**

**TEST REPORT #: EMC\_SECRE\_003\_11001\_FCC\_22\_24\_rev1**  
**DATE: 2011-05-10**



FCC listed:  
A2LA Accredited

IC recognized #  
3462B-1

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## 1 Assessment

The following device was tested against the applicable criteria specified in FCC rules Parts 2, 22 and 24 of Title 47 of the Code of Federal Regulations and Industry Canada Standards RSS 132 and RSS 133 and no deviations were ascertained during the course of the tests performed.

Company	Description	Model #
SecureAlert	Cellular GSM device with integrated GPS and voice that is used to track individuals on parole/probation.	ReliAlert

### Responsible for Testing Laboratory:

2011-05-10	Compliance	Sajay Jose (Test Lab Manager)	
Date	Section	Name	Signature

### Responsible for the Report:

2011-05-10	Compliance	Josie Sabado (Project Engineer)	
Date	Section	Name	Signature

The test results of this test report relate exclusively to the test item specified in Section 3. CETECOM Inc. USA does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of CETECOM Inc. USA.

## **2 Administrative Data**

### **2.1 Identification of the Testing Laboratory Issuing the EMC Test Report**

<b>Company Name:</b>	CETECOM Inc.
<b>Department:</b>	Compliance
<b>Address:</b>	411 Dixon Landing Road Milpitas, CA 95035 U.S.A.
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<b>Test Lab Director:</b>	Heiko Strehlow
<b>Responsible Project Leader:</b>	Clarence Ip

### **2.2 Identification of the Client**

<b>Applicant's Name:</b>	SecureAlert
<b>Street Address:</b>	150 Civic Center Drive
<b>City/Zip Code</b>	Sandy, UT 84070
<b>Country</b>	USA
<b>Contact Person:</b>	Bruce Derrick
<b>Phone No.</b>	801-908-5132
<b>Fax:</b>	801-451-6281
<b>e-mail:</b>	bderrick@securealert.com

### **2.3 Identification of the Manufacturer**

Same as above client

### **3 Equipment under Test (EUT)**

#### **3.1 Specification of the Equipment under Test**

<b>Marketing Name:</b>	ReliAlert
<b>Model No:</b>	ReliAlert
<b>Product Type:</b>	Portable
<b>Hardware Revision :</b>	3.6
<b>Software Revision :</b>	1543
<b>FCC-ID:</b>	TPO-OTD36
<b>IC-ID :</b>	6512A-OTD36
<b>Frequency:</b>	GSM 850: 824.2-848.8MHz; PCS 1900: 1850.2-1909.8MHz
<b>Type(s) of Modulation:</b>	GMSK
<b>Number of channels:</b>	GSM850: 125 and PCS 1900: 300
<b>Antenna Type:</b>	Internal, Flex antenna
<b>Power Supply:</b>	AC and Internal Battery

**3.2 Identification of the Equipment Under Test (EUT)**

EUT #	Serial Number	HW Version	SW Version	Notes
1	B000001	3.6	1543	

**3.3 Identification of Accessory equipment**

No accessory equipment

#### **4 Subject of Investigation**

The objective of the measurements done by Cetecom Inc. was to measure the performance of the EUT as specified by requirements listed in the following test standards:

- 47 CFR Part 2: Title 47 of the Code of Federal Regulations: Chapter I-Federal Communications Commission Frequency allocations and radio treaty matters; general rules and regulations.
- 47 CFR Part 22: Title 47 of the Code of Federal Regulations: Chapter I-Federal Communications Commission subchapter B- common carrier services; Part 22- Public mobile services
- 47 CFR Part 24: Title 47 of the Code of Federal Regulations: Chapter I-Federal Communications Commission subchapter B- common carrier services; Part 24- Personal communication services
- RSS 132- Issue 2: Spectrum management and telecommunication policy- Radio Standards Specifications Cellular telephones employing new technologies operating in the bands 824-849MHz and 869-894MHz
- RSS 133- Issue 5: Spectrum management and telecommunication policy- Radio Standards Specifications- 2GHz personal communication services

This test report is to support a request for new equipment authorization under the FCC ID TPO-OTD36 and IC ID 6512A-OTD36.

All testing was performed on the product referred to in Section 3 as EUT.

## 5 Summary of Measurement Results

### 850 Band:

Test Specification	Test Case	Temperature and Voltage Conditions	Mode	Pass	Fail	NA	NP	Result
§2.1046 §22.913 (a) RSS132 4.4	RF Output Power	Nominal	GSM 850	■	□	□	□	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1055 §22.355 RSS132 4.3	Frequency Stability	Nominal	GSM 850	□	□	□	■	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1049 §22.917(b) RSS132 4.2	Occupied Bandwidth	Nominal	GSM 850	□	□	□	■	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1051 §22.917 RSS132 4.5	Band Edge Compliance	Nominal	GSM 850	□	□	□	■	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1051 §22.917 RSS132 4.5	Conducted Spurious Emissions	Nominal	GSM 850	□	□	□	■	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1053 §22.917 RSS132 4.5	Radiated Spurious Emissions	Nominal	GSM 850	□	□	□	■	Complies
			UMTS Band V	□	□	■	□	N/A
§15.107 §15.207 RSS Gen	Line Conducted Emissions	Nominal	GSM 850	■	□	□	□	Complies
			UMTS Band V	□	□	■	□	N/A
§2.1053 §15.109 RSS Gen	Receiver Emissions-Radiated	Nominal	RX Mode	■	□	□	□	Complies

**Note:** NA= Not Applicable; NP= Not Performed.

Conducted measurements are leveraged from FCC ID IHDT56FV1, test report number MOTRAD\_FCC.16719\_rev1 from Hermon Laboratories Ltd.

WCDMA is not supported by the EUT

Radiated spurious emissions are reported in test report number 91723-4 from CKC laboratories Inc.

Receiver Emissions-Radiated 9kHz-30MHz reported here. 30MHz-18GHz reported in test report number 91723-3 from CKC laboratories Inc.



**1900 Band:**

Test Specification	Test Case	Temperature and Voltage Conditions	Mode	Pass	Fail	NA	NP	Result
§2.1046 §24.232 (a) RSS133 6.4	RF Output Power	Nominal	GSM 1900	■	□	□	□	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1055 §24.235 RSS133 6.3	Frequency Stability	Nominal	GSM 1900	□	□	□	■	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1049 §24.238(b) RSS133 6.2	Occupied Bandwidth	Nominal	GSM 1900	□	□	□	■	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1051 §24.238 RSS133 6.5	Band Edge Compliance	Nominal	GSM 1900	□	□	□	■	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1051 §24.238 RSS133 6.5	Conducted Spurious Emissions	Nominal	GSM 1900	□	□	□	■	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1053 §24.238 RSS133 6.5	Radiated Spurious Emissions	Nominal	GSM 1900	□	□	□	■	Complies
			UMTS Band II	□	□	■	□	N/A
§15.107 §15.207 RSS Gen	Line conducted Emissions	Nominal	GSM 1900	■	□	□	□	Complies
			UMTS Band II	□	□	■	□	N/A
§2.1053 §15.109 RSS Gen	Receiver Emissions-Radiated	Nominal	RX Mode	■	□	□	□	Complies

**Note:** NA= Not Applicable; NP= Not Performed.

Conducted measurements are leveraged from FCC ID IHDT56FV1, test report number MOTRAD\_FCC.16719\_rev1 from Hermon Laboratories Ltd.

WCDMA is not supported by the EUT

Radiated spurious emissions are reported in test report number 91723-4 from CKC laboratories Inc.

Receiver Emissions-Radiated 9kHz-30MHz reported here. 30MHz-18GHz reported in test report number 91723-3 from CKC laboratories Inc.

## **6 Measurements**

### **6.1 RF Power Output**

#### **6.1.1 References**

FCC: CFR Part 2.1046, CFR Part 22.913, CFR Part 24.232

IC: RSS-Gen Section 4.8; RSS 132 Section 4.4; RSS 133 Section 6.4

#### **6.1.2 Measurement requirements:**

##### **6.1.2.1 FCC 2.1046: RF power output.**

Power output shall be measured at the RF output terminals when the transmitter is adjusted in accordance with the tune-up procedure to give the values of current and voltage on circuit elements as specified. The electrical characteristics of the radio frequency load attached to the output terminals when this test is made shall be stated.

##### **6.1.2.2 RSS-Gen 4.8: RF power output.**

Transmitter output power measurements shall be carried out before the unwanted emissions test. The transmitter output power value, obtained from this test, serves as the reference level used to determine the unwanted emissions.

#### **6.1.3 Limits:**

##### **6.1.3.1 FCC 22.913 (a) Effective radiated power limits.**

The effective radiated power (ERP) of mobile transmitters must not exceed 7 Watts.

##### **6.1.3.2 FCC 24.232 (b)(c) Power limits.**

(b) Mobile/portable stations are limited to 2 Watts effective isotropic radiated power (EIRP).

(c) Peak transmit power must be measured over any interval of continuous transmission using instrumentation calibrated in terms of an rms equivalent voltage. The measurement results shall be properly adjusted for any limitations, such as detector response times, limited resolution bandwidth capability when compared to the emission bandwidth, sensitivity, etc., so as to obtain a true peak measurement over the full bandwidth of the channel.

##### **6.1.3.3 RSS-132 Section 4.4**

The transmitter output power shall not exceed the limits given in SRSP-503.

SRSP-503: The maximum EIRP shall be 11.5W for mobile stations.

##### **6.1.3.4 RSS-133 Section 6.4**

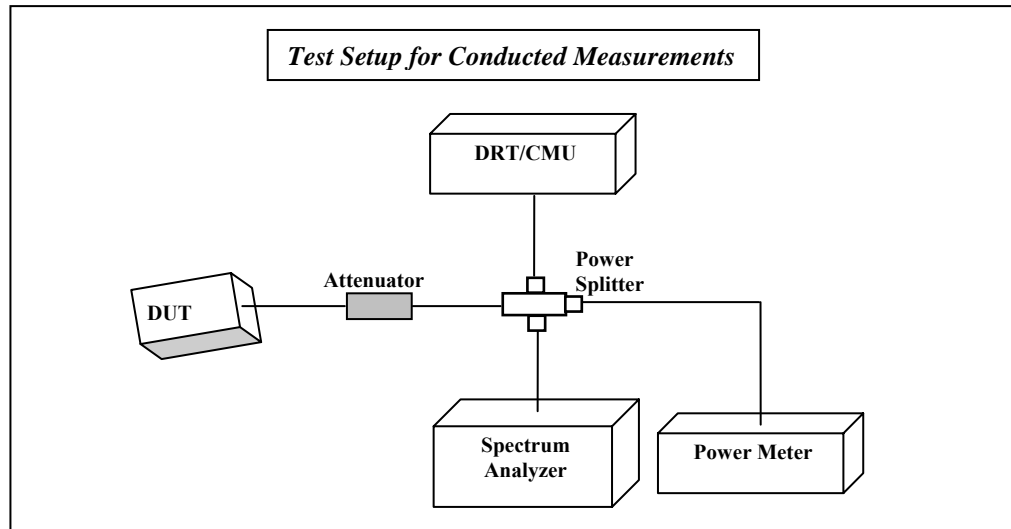
The average equivalent isotropically radiated power (e.i.r.p.) for transmitters shall not exceed the limits given in SRSP-510.

SRSP-510: Mobile stations and hand-held portables are limited to 2 watts maximum e.i.r.p.

In addition, when the transmitter power is measured in terms of average value, the peak-to-average ratio of the power shall not exceed 13 dB.

#### 6.1.4 Conducted Output Power Measurement procedure

Ref: TIA-603C 2004 2.2.1 Conducted Carrier Output Power Rating



1. Connect the equipment as shown in the above diagram. A Digital Radio Communication Tester (DRT- CMU200 here) is used to enable the EUT to transmit and to measure the output power.
2. Adjust the settings of the DRT to set the EUT to its maximum power at the required channel.
3. Record the output power level measured by the DRT.
4. Correct the measured level for all losses in the RF path.
5. Measurements are to be performed with the EUT set to the low, middle and high channel of each frequency band.

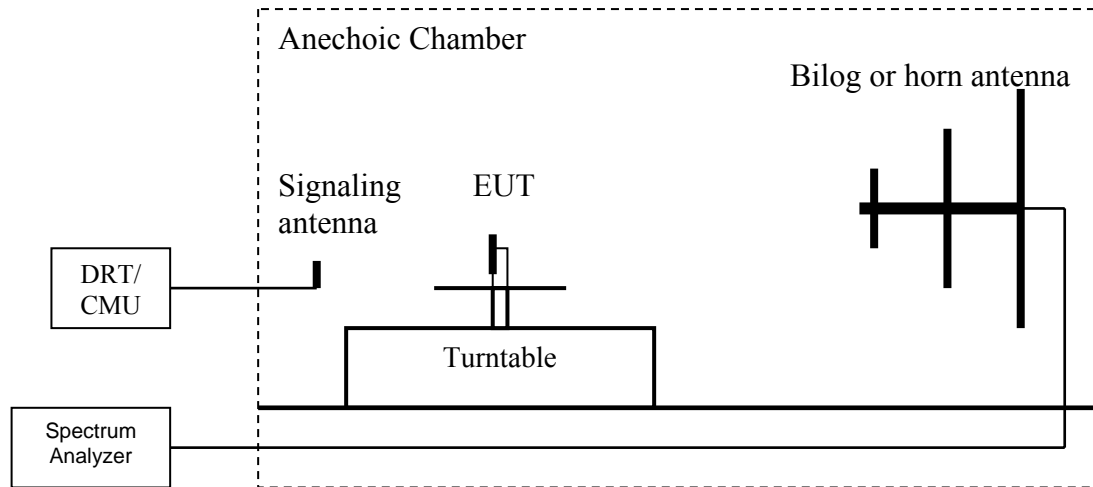
#### **Spectrum Analyzer Settings:**

GSM: RBW=3MHz; VBW=10MHz; Span=10MHz; Detector: Peak- Max Hold;  
Sweep time: Auto.

Average measurements performed using RMS detector functionality of the Spectrum Analyzer.

### 6.1.5 Radiated Output Power Measurement procedure

Ref: TIA-603C 2004 -2.2.17.2 Effective Radiated Power (ERP) or Effective Isotropic Radiated Power (EIRP)



1. Connect the equipment as shown in the above diagram with the EUT's antenna in center of the turn table.
2. Adjust the settings of the Digital Radio Communication Tester (DRT) to set the EUT to its maximum power at the required channel.
3. Set the spectrum analyzer to the channel frequency. Set the analyzer to measure peak hold with the required settings.
4. Rotate the EUT 360°. Record the peak level in dBm (**LVL**).
5. Replace the EUT with a vertically polarized half wave dipole or known gain antenna. The center of the antenna should be at the same location as the center of the EUT's antenna.
6. Connect the antenna to a signal generator with known output power and record the path loss in dB (**LOSS**). **LOSS** = Generator Output Power (dBm) – Analyzer reading (dBm).
7. Determine the ERP using the following equation:  
**ERP (dBm) = LVL (dBm) + LOSS (dB)**
8. Determine the EIRP using the following equation:  
**EIRP (dBm) = ERP (dBm) + 2.14 (dB)**
9. Measurements are to be performed with the EUT set to the low, middle and high channel of each frequency band.

**Spectrum analyzer settings: RBW=VBW=5MHz**

(Note: Steps 5 and 6 above are performed prior to testing and **LOSS** is recorded by test software. Steps 3, 4, 7 and 8 above are performed with test software.)

**6.1.6 RF Power Output 850MHz band****Limit: FCC: Nominal Peak Output Power < 38.45 dBm (7W)****IC: Nominal Peak Output Power < 40.60 dBm (11.5W)****Measurement Uncertainty (Conducted): ±0.5 dB****Measurement Uncertainty (Radiated): ±3.0 dB****Calculated antenna gain= Radiated peak power- Conducted peak power**

<b>GSM 850: GMSK Mode</b>	
<b>Frequency (MHz)</b>	<b>Radiated Power</b>
	<b>ERP (dBm)</b>
<b>824.2</b>	28.518
<b>836.6</b>	30.540
<b>848.8</b>	31.048

**6.1.6.1 Measurement Result**

Pass.

**6.1.7 RF Power Output 1900MHz band****Limit: Nominal Peak Output Power < 33 dBm (2W)****PAR may not exceed 13dB****Measurement Uncertainty (Conducted): ±0.5 dB****Measurement Uncertainty (Radiated): ±3.0 dB****Calculated antenna gain= Radiated peak power- Conducted peak power**

<b>GSM 1900: GMSK Mode</b>	
<b>Frequency (MHz)</b>	<b>Radiated Power</b>
	<b>EIRP (dBm)</b>
<b>1850.2</b>	30.004
<b>1880.0</b>	28.392
<b>1909.8</b>	29.289

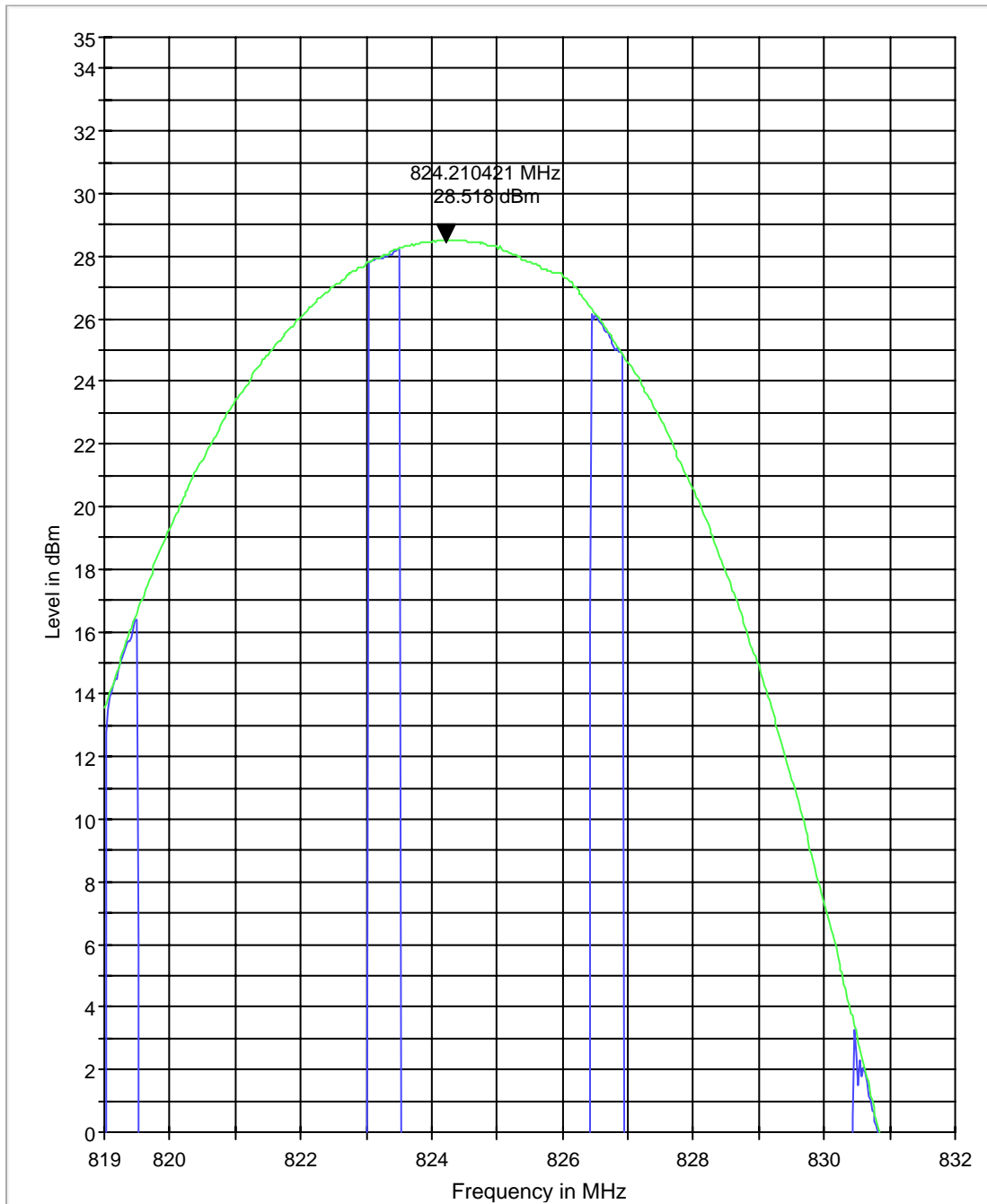
**6.1.7.1 Measurement Result**

Pass.

### 6.1.8 Results

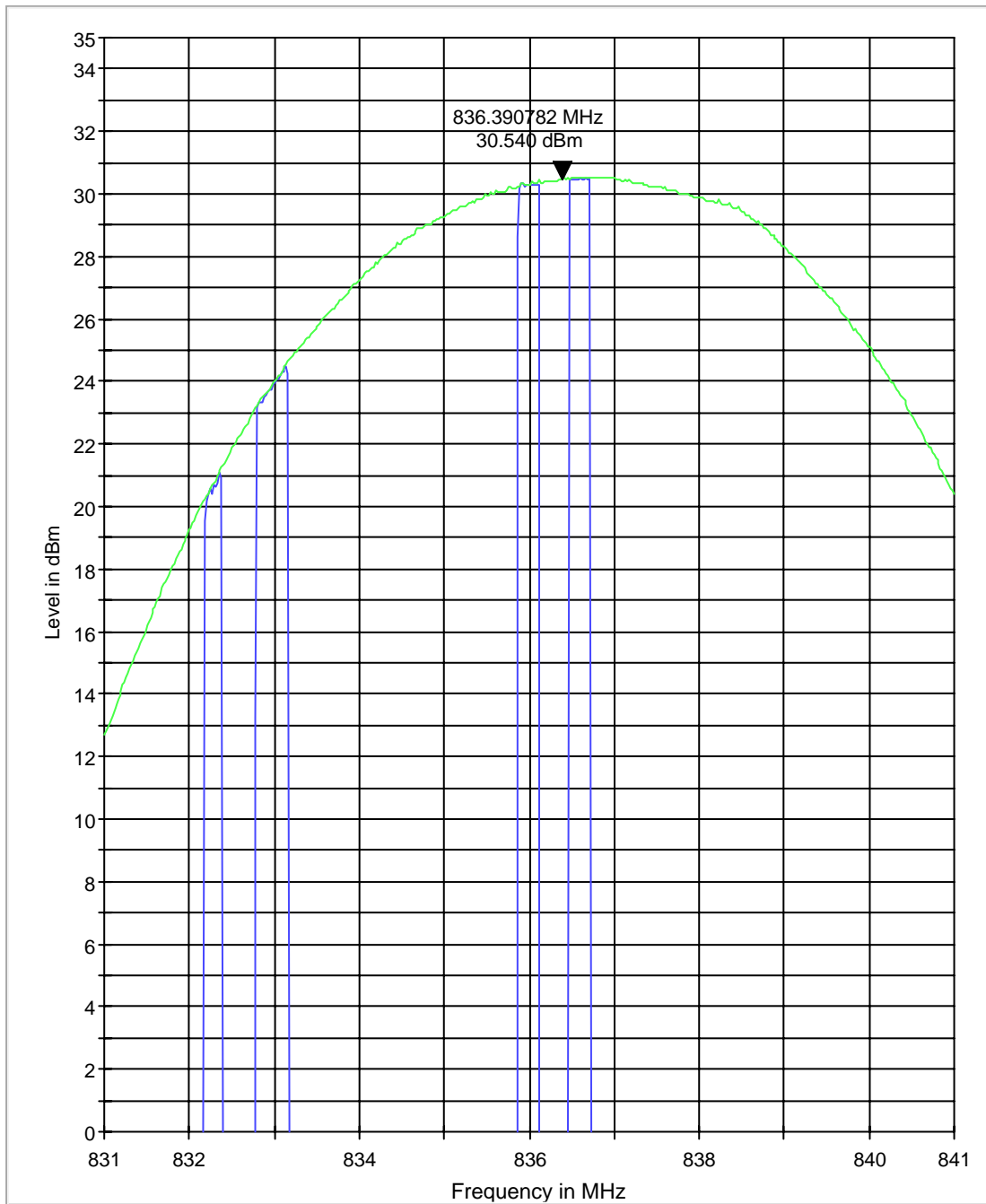
#### ERP (GSM 850) CHANNEL 128

ERP 850 L



**ERP (GSM 850) CHANNEL 190**

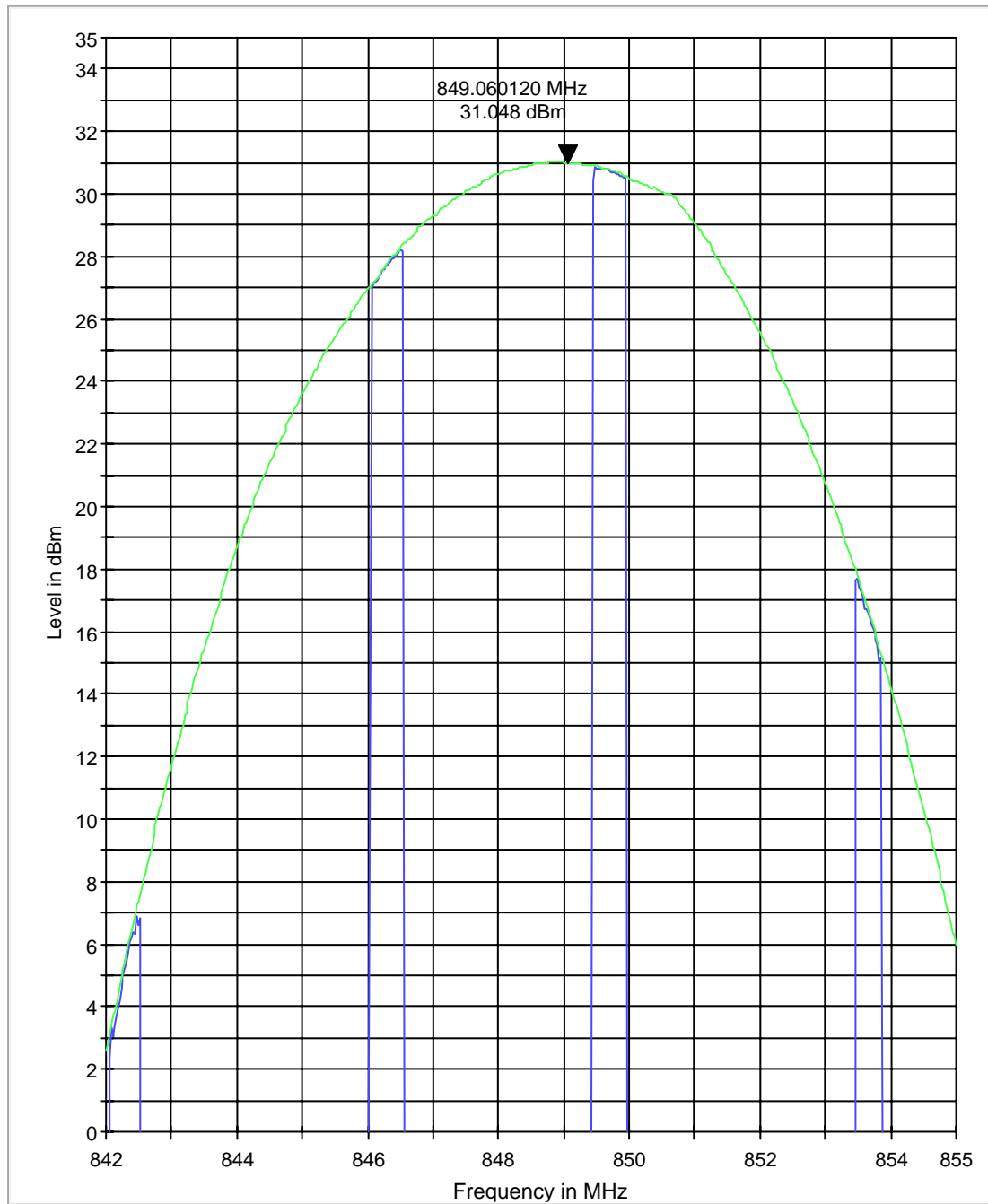
ERP 850 M





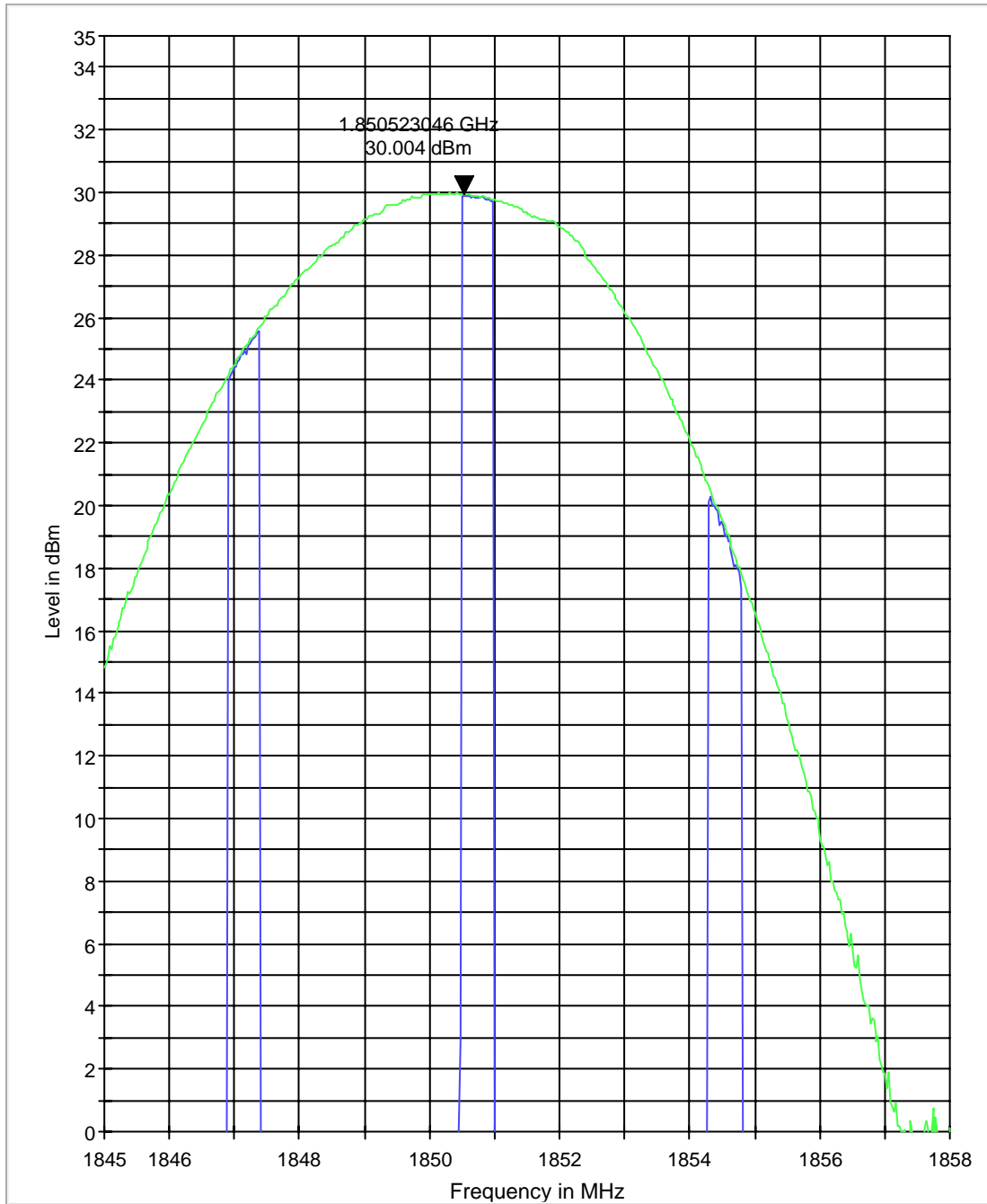
**ERP (GSM 850) CHANNEL 251**

ERP 850 H



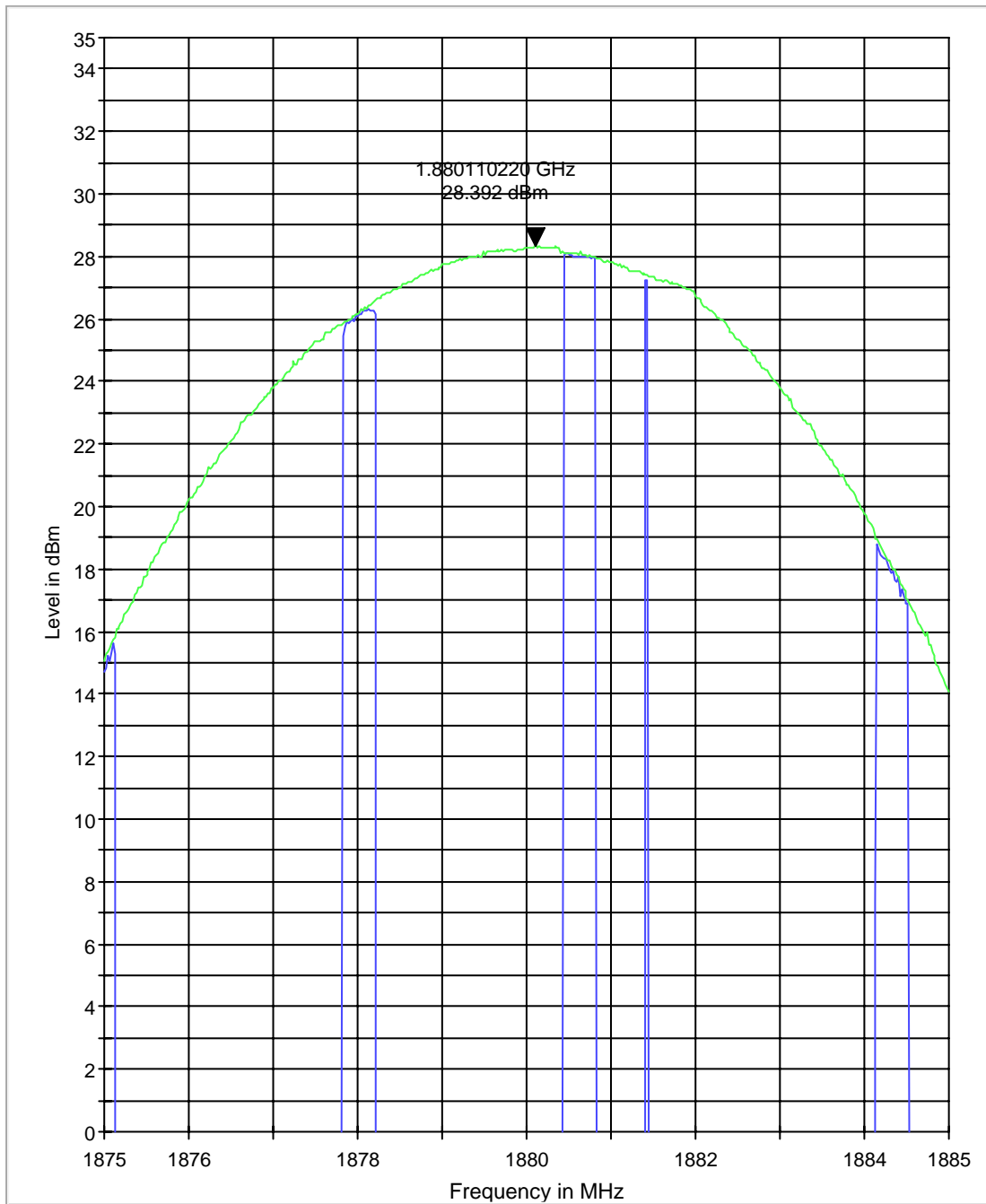
**EIRP (PCS-1900) CHANNEL 512**

EIRP 1900 L



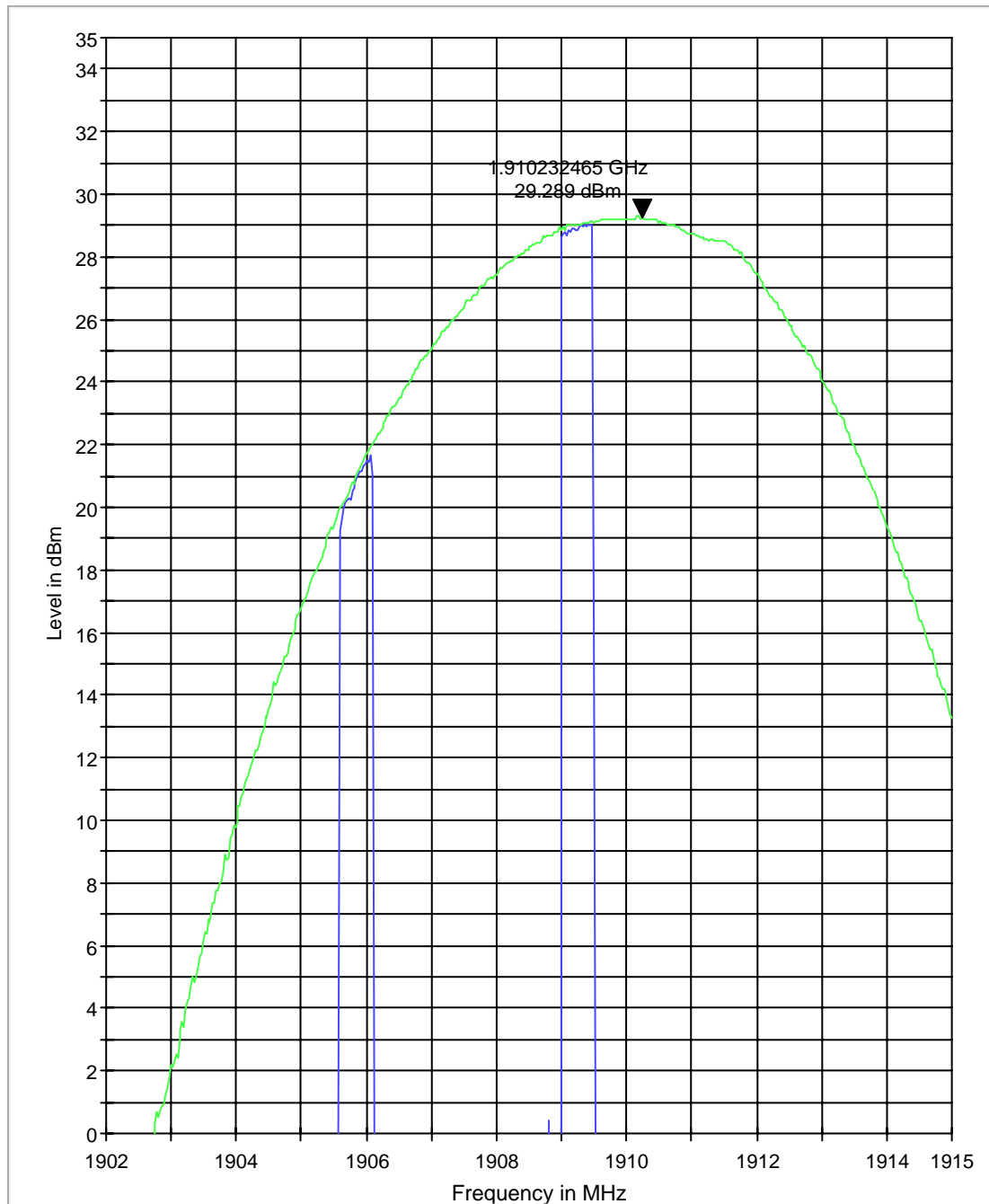
**EIRP (PCS-1900) CHANNEL 661**

EIRP 1900 M



**EIRP (PCS-1900) CHANNEL 810**

EIRP 1900 H



## **6.2 Spurious Emissions Radiated**

### **6.2.1 References**

FCC: CFR Part 2.1053, CFR Part 22.917, CFR Part 24.238

IC: RSS-Gen Section 4.9; RSS 132 Section 4.5; RSS 133 Section 6.5

### **6.2.2 Measurement requirements:**

#### **6.2.2.1 FCC 2.1053: Field strength of spurious radiation.**

Measurements shall be made to detect spurious emissions that may be radiated directly from the cabinet, control circuits, power leads or intermediate circuit elements under normal conditions of installation and operation. Curves or equivalent data shall be supplied showing the magnitude of each harmonic and other spurious emission.

#### **6.2.2.2 RSS-Gen 4.9: Transmitter unwanted spurious emissions**

The same parameter, peak power or average power, used for the transmitter output power measurement shall be used for unwanted emission measurements.

The search for unwanted emissions shall be from the lowest frequency internally generated or used in the device (local oscillator, intermediate or carrier frequency), or from 30 MHz, whichever is the lower, to the 5th harmonic of the highest frequency generated without exceeding 40 GHz.

### **6.2.3 Limits:**

(a) *Out of band emissions.* The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB.

For all power levels +30dBm to 0dBm, this becomes a constant specification of -13dBm.

#### **6.2.3.1 FCC 22.917 Emission limitations for cellular equipment.**

The rules in this section govern the spectral characteristics of emissions in the Cellular Radiotelephone Service.

(b) *Measurement procedure.* Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 100 kHz or greater. In the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (*i.e.* 100 kHz of 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

#### **6.2.3.2 FCC 24.238 Emission limitations for Broadband PCS equipment.**

The rules in this section govern the spectral characteristics of emissions in the Broadband Personal Communications Service.

(b) *Measurement procedure.* Compliance with these provisions is based on the use of measurement instrumentation employing a resolution bandwidth of 1 MHz or greater. However, in the 1 MHz bands immediately outside and adjacent to the frequency block a resolution bandwidth of at least one percent of the emission bandwidth of the fundamental emission of the transmitter may be employed. A narrower resolution bandwidth is permitted in all cases to

improve measurement accuracy provided the measured power is integrated over the full required measurement bandwidth (*i.e.* 100 kHz of 1 percent of emission bandwidth, as specified). The emission bandwidth is defined as the width of the signal between two points, one below the carrier center frequency and one above the carrier center frequency, outside of which all emissions are attenuated at least 26 dB below the transmitter power.

#### **6.2.3.3 RSS-132 Section 4.5.1.1 and RSS-133 Section 6.5.1**

In the first 1.0 MHz band immediately outside and adjacent to the licensee's frequency block, the power of emissions per any 1% of the emission bandwidth shall be attenuated below the transmitter output power  $P$  (in watts) by at least  $43 + 10 \log_{10}(P)$ , dB. After the first 1.0 MHz, the power of emissions shall be attenuated below the transmitter output power by at least  $43 + 10 \log_{10}(P)$ , dB, in any 100 kHz bandwidth.

After the first 1.5 MHz, the power of emissions shall be attenuated below the transmitter output power by at least  $43 + 10 \log_{10}(P)$ , dB, in any MHz of bandwidth.

**6.2.4 Radiated out of band emissions results on EUT- Receive Mode:****6.2.5 References**

FCC: CFR Part 15.109, 2.1053

IC: RSS-Gen Section 4.10; RSS 132 Section 4.6; RSS-133 Section 6.6

**6.2.6 Limits****6.2.6.1 §15.109 Radiated emission limits- Unintentional Radiators:****6.2.6.2 RSS-Gen Section 6**

If a radiated measurement is made, all spurious emissions shall comply with the limits of table (1) as shown.

(a) Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency of emission (MHz)	Field strength (μV/m)
30–88	100 (40dBμV/m)
88–216	150 (43.5 dBμV/m)
216–960	200 (46 dBμV/m)
Above 960	500 (54 dBμV/m)

(b) The field strength of radiated emissions from a Class A digital device, as determined at a distance of 10 meters, shall not exceed the following:

Frequency of emission (MHz)	Field strength (μV/m)
30–88	90
88–216	150
216–960	210
Above 960	300

**6.2.7 Measurement settings:**

RBW= 120kHz below 1GHz and 1MHz above 1GHz.

**6.2.8 Results**

Plots reported here represent the worse case emissions for all EUT orientations and horizontal/vertical polarizations of the measurement antenna.

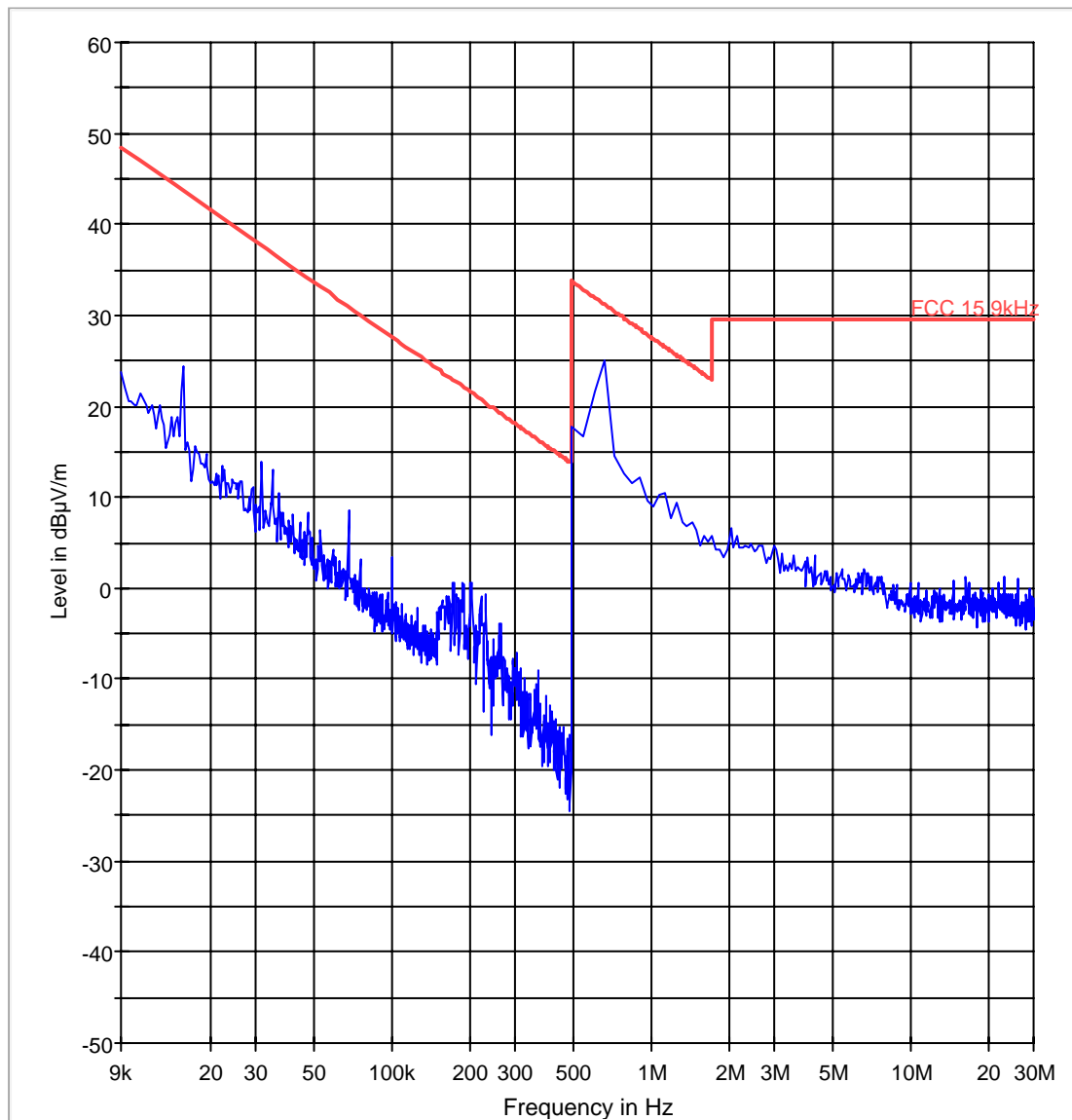
**6.2.8.1 Measurement Result**

Pass.

## 6.2.8.2 Test Results Receiver Spurious Emission

Receive Mode: 9kHz – 30MHz

FCC 15 9kHz - 30 MHz



— FCC 15.LimitLine — MaxPeak-ClearWrite  
 \* Data Reduction Result ♦ Final Measurement Result



### 6.3 AC Power Line Conducted Emissions

#### 6.3.1 References:

FCC: CFR Part 15.207

IC: RSS-Gen Section 7.2.2

The purpose of this test is to measure unwanted radio frequency currents induced in any AC conductor external to the equipment which could conduct interference to other equipment via the AC electrical network.

#### 6.3.2 Limits:

##### 6.3.2.1 §15.207 Conducted limits- Intentional Radiators:

(a) Except as shown in paragraphs (b) and (c) of this section of the CFR, for an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency or frequencies, within the band 150 kHz to 30 MHz, shall not exceed the limits in the following table (1), as measured using a 50  $\mu$ H/50 ohms line impedance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the boundary between the frequency ranges.

##### 6.3.2.2 RSS-Gen 7.2.2

Except when the requirements applicable to a given device state otherwise, for any licence-exempt radiocommunication device equipped to operate from the public utility AC power supply, either directly or indirectly, the radio frequency voltage that is conducted back onto the AC power lines in the frequency range of 0.15 MHz to 30 MHz shall not exceed the limits shown below. The tighter limit applies at the frequency range boundaries.

**Table 1:**

Frequency of emission (MHz)	Conducted limit (dB $\mu$ V)	
	Quasi-peak	Average
0.15–0.5	66 to 56*	56 to 46*
0.5–5	56	46
5–30	60	50

\*Decreases with the logarithm of the frequency.

#### 6.3.3 Measurement settings:

RBW= 9kHz

#### 6.3.4 Results

Plots shown here represent the combined worse case emissions for Lines, Phase and Neutral.

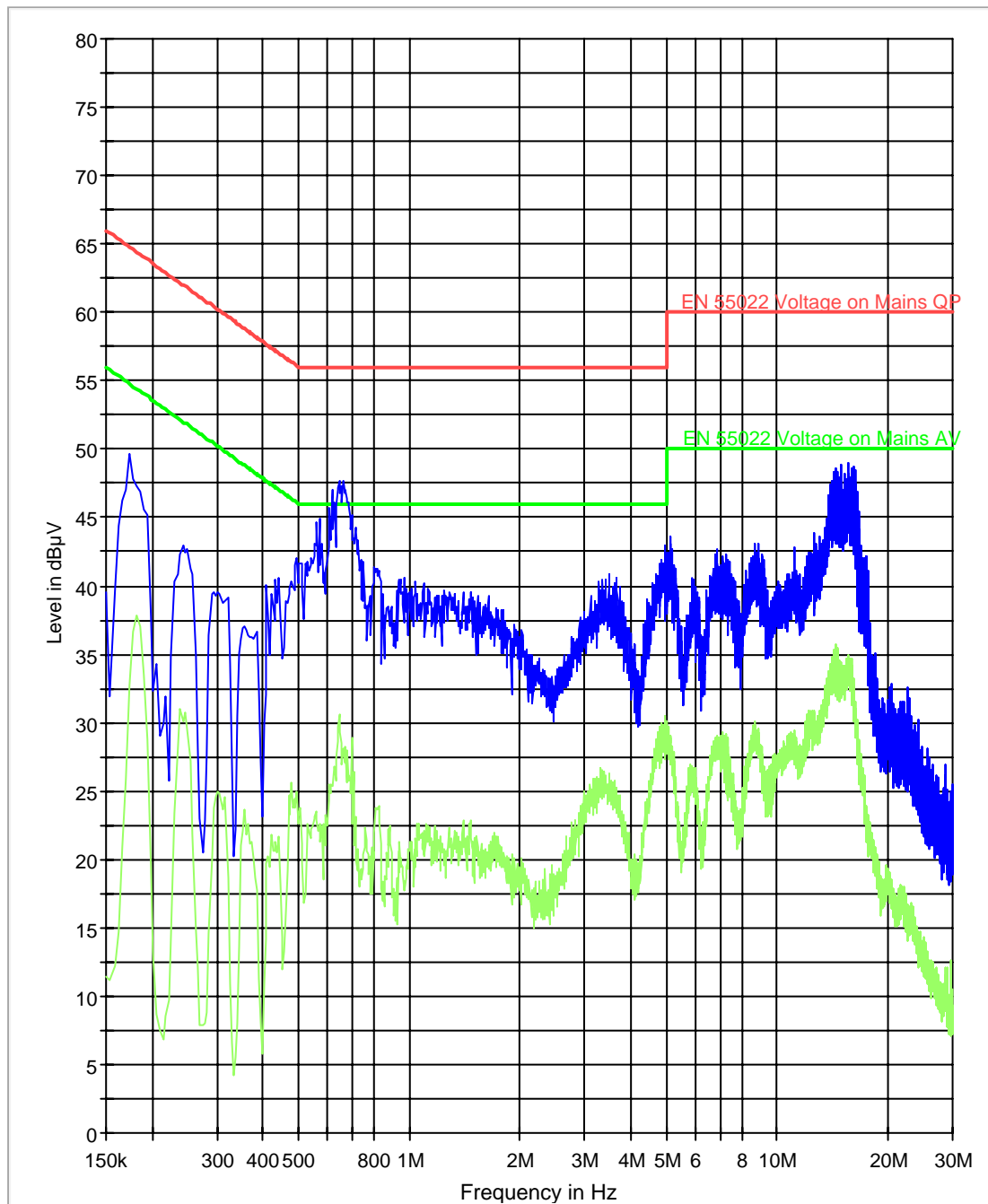
##### 6.3.4.1 Measurement Result

Pass.

### 6.3.5 Test Results:

#### 850 TX Mode:

CISPR 22 Mains Conducted



MaxPeak-ClearWrite

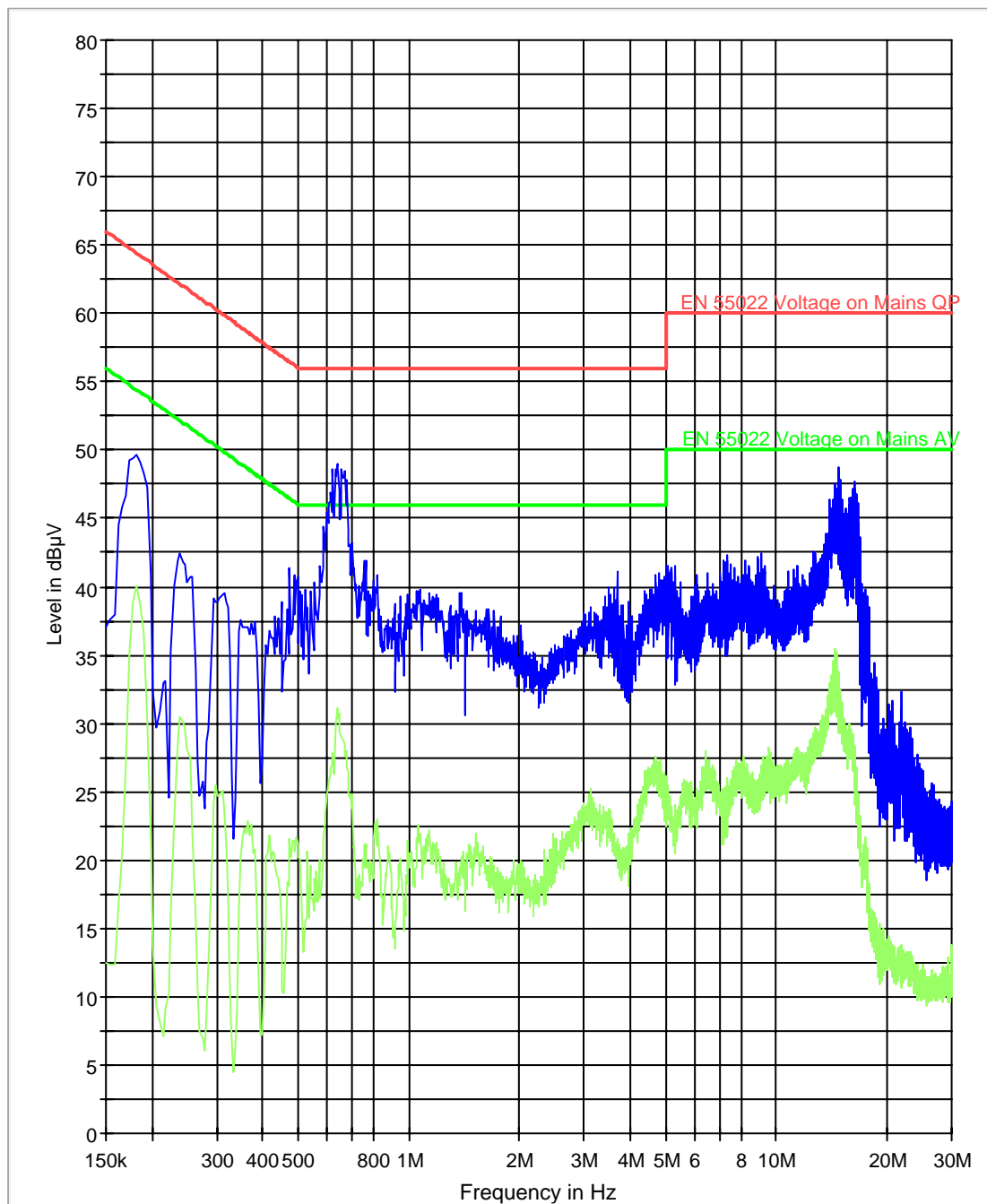
Average-ClearWrite

Voltage on Mains QP

Voltage on Mains AV

**1900 TX Mode:**

CISPR 22 Mains Conducted

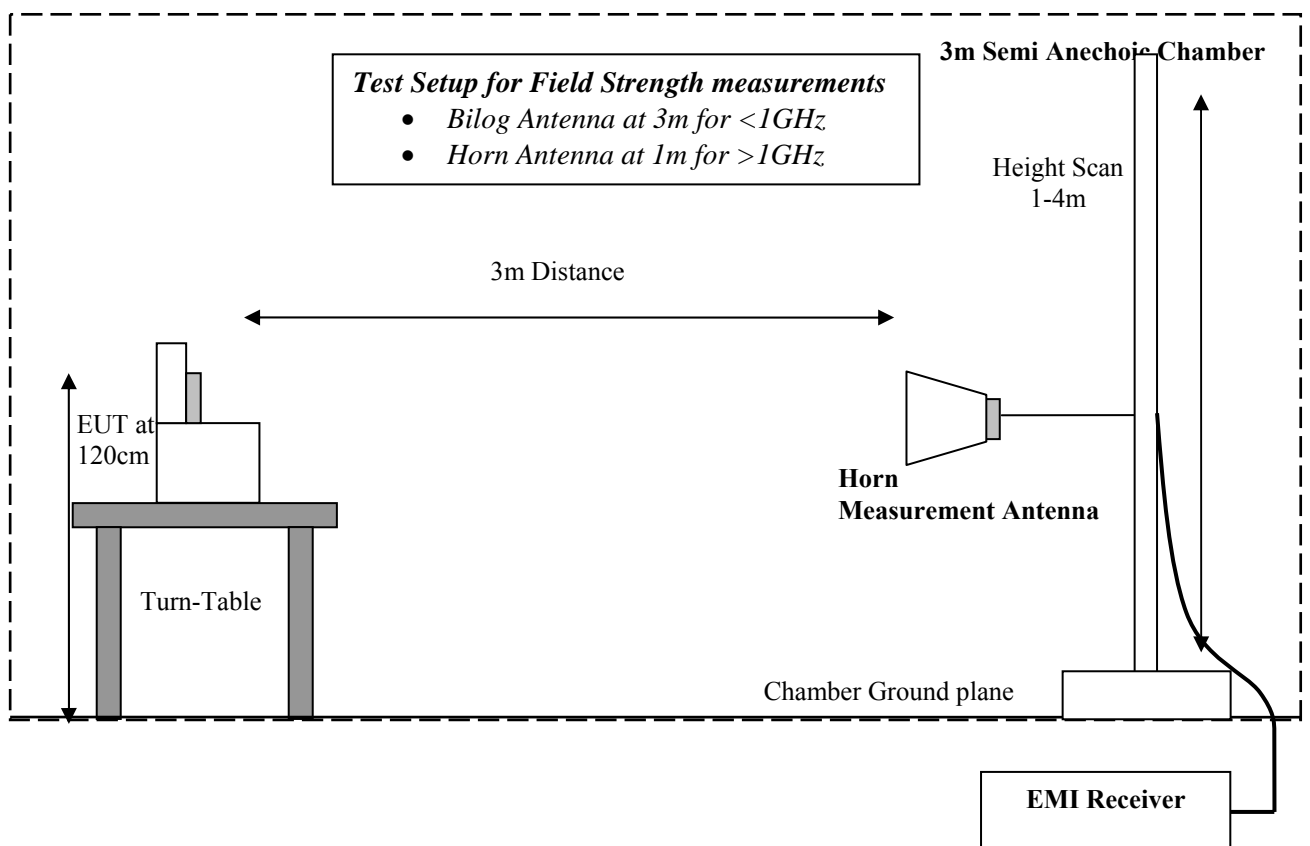
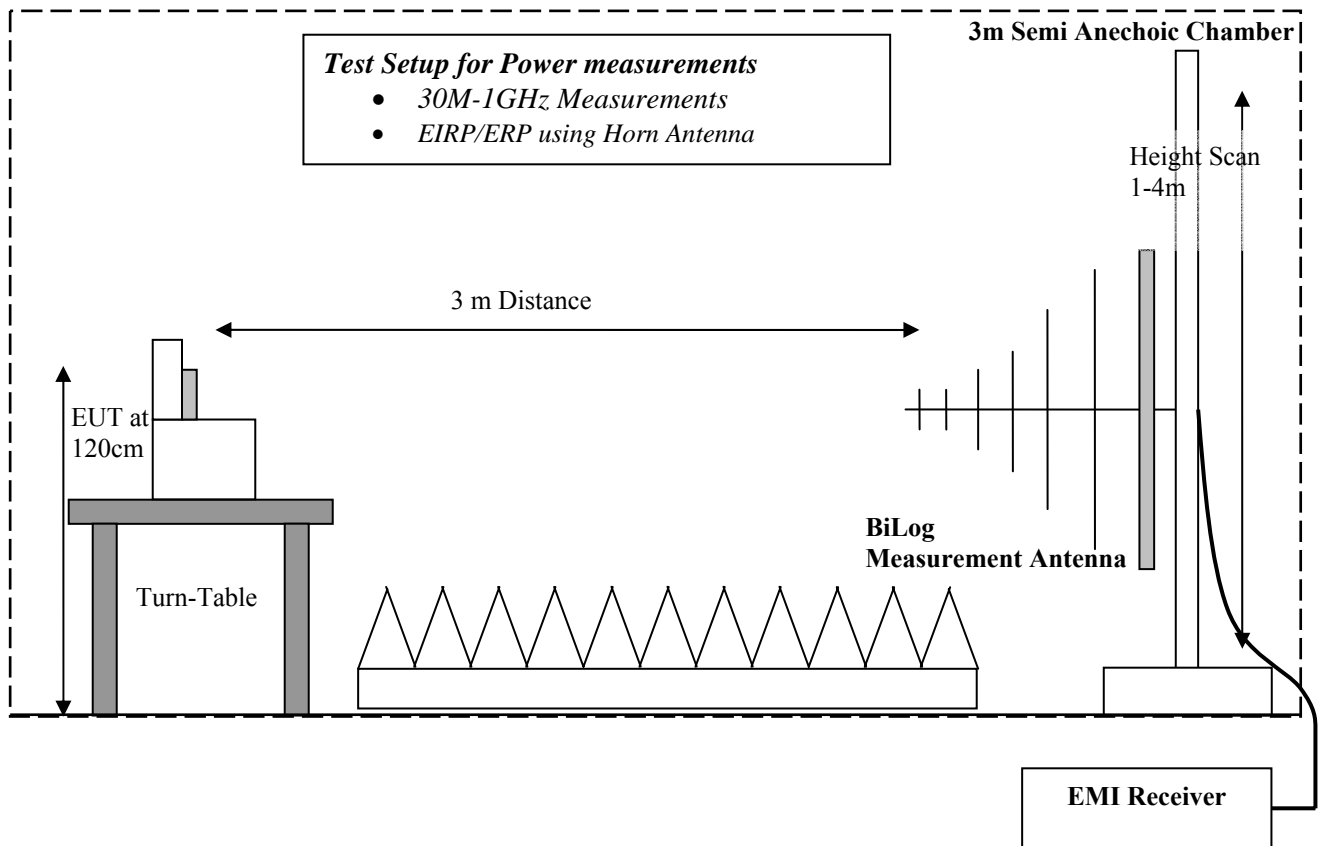


MaxPeak-ClearWrite    Average-ClearWrite    Voltage on Mains QP    Voltage on Mains AV

## 7 Test Equipment and Ancillaries used for tests

Instrument/Ancillary	Model	Manufacturer	Serial No.	Cal Date	Cal Interval
Radio Communication Tester	CMU 200	Rohde & Schwarz	110759	June 2010	1 year
EMI Receiver/Analyzer	ESIB 40	Rohde & Schwarz	100107	May 2010	1 year
Spectrum Analyzer	FSU	Rohde & Schwarz	200302	Jul 2010	1 year
Loop Antenna	6512	EMCO	00049838	April 2009	2 years
Biconilog Antenna	3141	EMCO	0005-1186	June 2009	2 years
Horn Antenna (1-18GHz)	3115	ETS	00035111	Jan 2009	3 years
Horn Antenna (18-40GHz)	3116	ETS	00070497	Jan 2009	3 years
Communication Antenna	IBP5-900/1940	Kathrein	n/a	n/a	n/a
High Pass Filter	5HC2700	Trilithic Inc.	9926013	Part of system calibration	
High Pass Filter	4HC1600	Trilithic Inc.	9922307	Part of system calibration	
6GHz High Pass Filter	HPM50106	Microtronics	001	Part of system calibration	
Pre-Amplifier	JS4-00102600	Miteq	00616	Part of system calibration	
LISN	50-25-2-08	FCC	08014	June 2010	1 year
Power Smart Sensor	R&S	NRP-Z81	100161	June 2010	1 Year
Multimeter	179	Fluke	N/A	Feb 2010	1 Year
Temp Hum Logger	TM320	Dickson	03280063	Feb 2010	1 Year
Temp Hum Logger	TM325	Dickson	5285354	Feb 2010	1 Year

## 8 Block Diagrams



**9 Revision History**

<b>Date</b>	<b>Report Name</b>	<b>Changes to report</b>	<b>Report prepared by</b>
<b>2011-04-14</b>	<b>EMC_SECURE_003_11001_FCC22_24</b>	<b>First Version</b>	<b>Josie Sabado</b>
<b>2011-05-10</b>	<b>EMC_SECURE_003_11001_FCC22_24_Rev1</b>	<b>Updated section 3.1. Replaces previous report number.</b>	<b>Josie Sabado</b>