

Exhibit 6

INDEX OF TEST RESULTS

<u>Exhibit #</u>	<u>Description</u>
6A	800 AMPS/Part 22: RF Power
6B	Not Required
6C	Not Required
6D	800 AMPS /Part 22: Spurious Emissions (conducted)
6E	800 AMPS /Part 22: Spurious Emissions (radiated)
6F	Not Required
6G	800 DAMPS /Part 22: RF Power
6H	Not Required
6I	Not Required
6J	800 DAMPS /Part 22: Spurious Emissions (conducted)
6K	800 DAMPS /Part 22: Spurious Emissions (radiated)
6L	Not Required
6M	1900MHz/PCS/Part 24: RF Power
6N	Not Required
6O	Not Required
6P	1900MHz/PCS/Part 24: Spurious Emissions (conducted)
6Q	1900MHz/PCS/Part 24: Spurious Emissions (radiated)
6R	Not Required

**800 MHz AMPS RF POWER OUTPUT**

**Para. 2.1033 (c,6,7), 2.1046 and 22.913 (a)**

**EFFECTIVE RADIATED POWER**

The following is a description of the substitution method used in accordance with IS-137A to obtain accurate EDRP readings at the carrier fundamental frequency:

- (1) The unit under test is placed 3 m away from the measurement antenna in vertical position. The measurements are made by using calibrated antennas and equipment with known cable losses.
- (2) A maximized measurement is made by raising and lowering the measurement antenna and rotating the EUT 360 degrees. Horizontal and vertical polarization data is recorded as reference.
- (3) A generator, an amplifier and a half-wave dipole antenna are then substituted for the EUT.
- (4) Data obtained with known power levels into the substitution antenna are then compared to the reference reading. The EDRP of the product is calculated.

Table: EDRP

Mode	f (MHz)	Radiated (dBm/mW)
AMPS	824	24.6/ 288
	836	26.1/ 407
	849	24.5/ 281

The measurements were made per IS 137 using a Hewlett Packard 8953DT North American Dual Mode Cellular Test System which includes the following equipment:

HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz

HP 83752A Signal Generator (S/N: 361DA01426)

30dB Amplifier - Amplifier Research (AR) (S/N: 23413)

Power Meter - Rhode & Schwartz (S/N: DE21529)

Power Sensor (S/N: 8479771011)

2 Test Cables (S/N's: ZATA21, ATA055)

20dB Pad (S/N: ATA005)

Antenna 800MHz. EMCO 3121C-DB4 Adjustable Element Dipole Antenna (S/N: 9706 – 1306)

Test Fixture (Fixture provides height adjustment for mobiles and antennas according to FCC requirements)

**800 MHz AMPS SPURIOUS EMISSIONS (CONDUCTED)**

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Per 2.1051 Spurious emissions at the antenna terminals (conducted) when properly loaded with an appropriate artificial antenna were measured per IS-137A.

<u>EXHIBIT #</u>	<u>FREQUENCY</u>	<u>Output Power level</u>
6D2	836.49	7
6D3	836.49	0
6D4	mid band	0; 22.917(f)

The measurements were taken out to the 10<sup>th</sup> harmonic of the carrier.

The measurements were made per IS-137A using the following equipment:

HP E7405A EMC Spectrum Analyzer 9 kHz – 26.5 GHz  
HP EPM-441A Power Meter  
HP 66309B Dual Output Mobile Comm. DC Source  
HP 83712B CW Signal Generator 10 MHz – 20 GHz

Exhibit 6D2

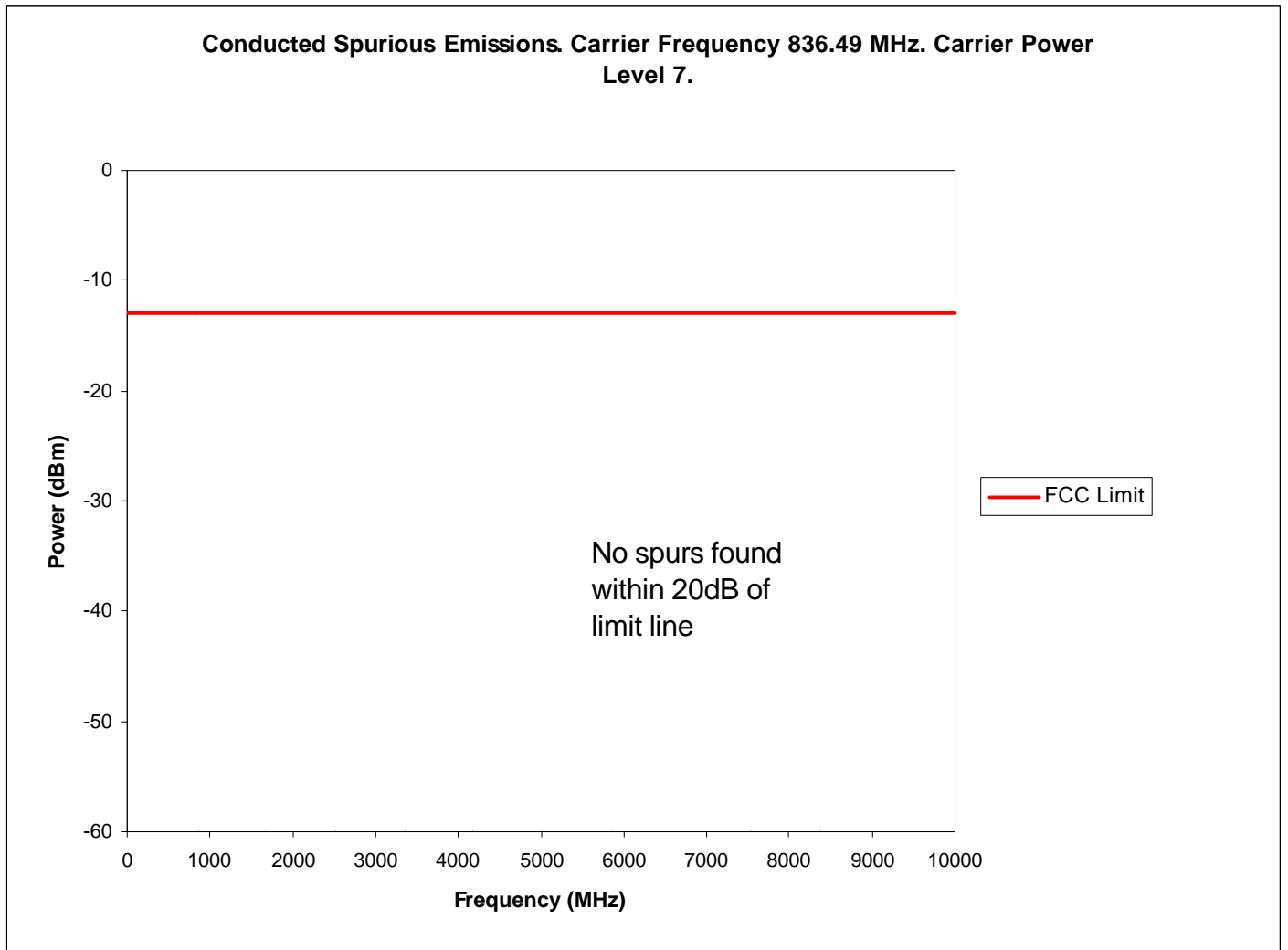
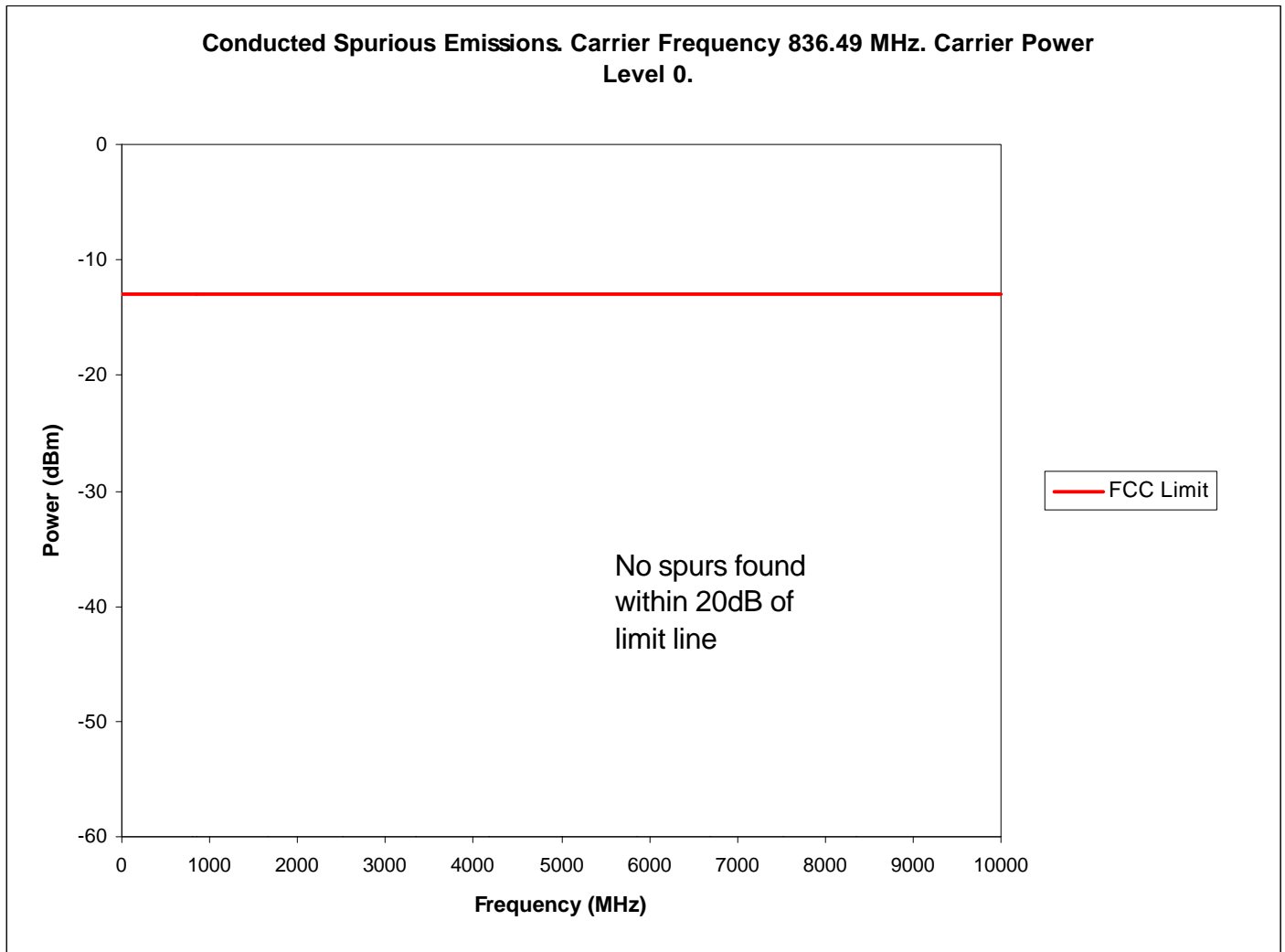


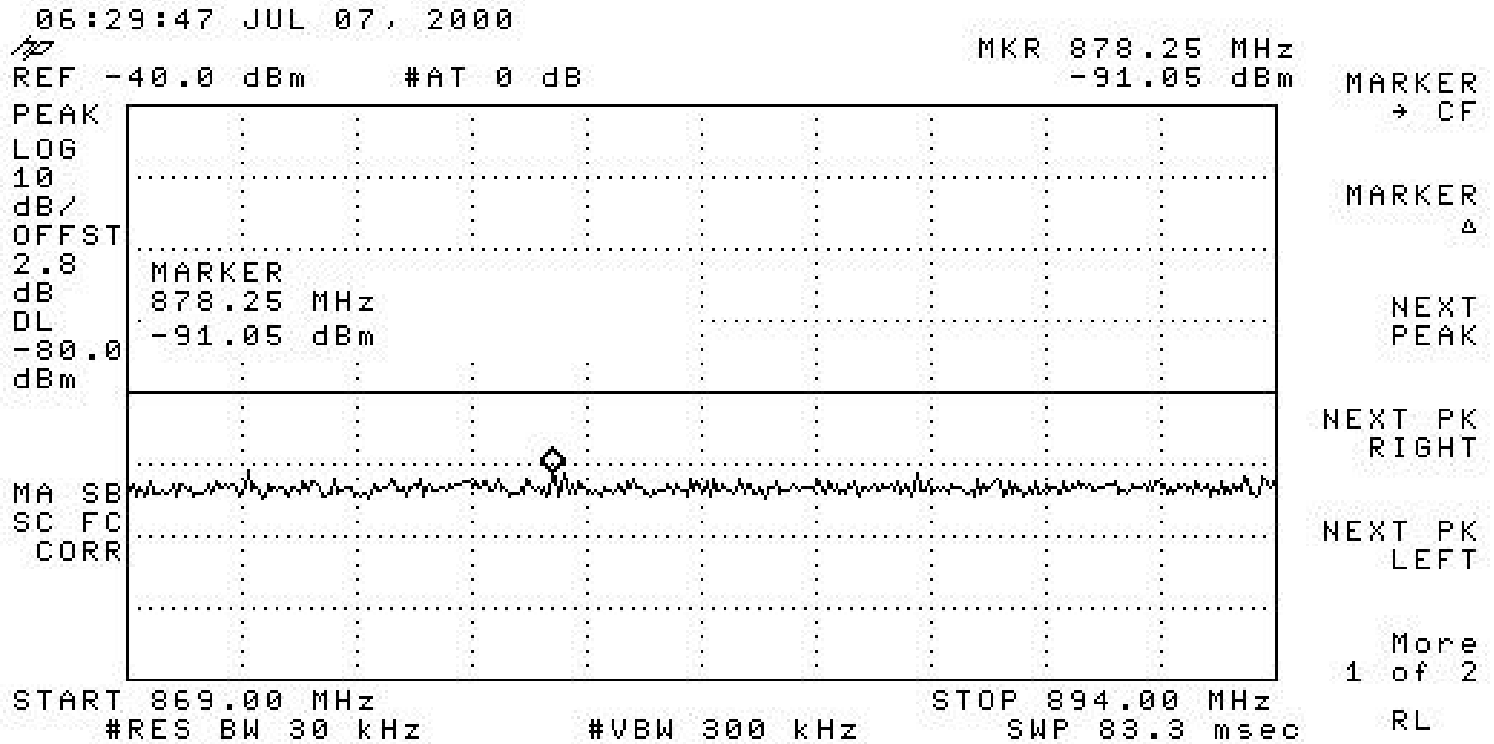
Exhibit 6D3



APPLICANT:  
ERICSSON INC

FCC ID NO:  
AXATR-378-A2

Exhibit 6D4 22.917(f)



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800 MHz AMPS SPURIOUS EMISSIONS (Radiated)

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Per 2.1053 and 22.917 (e), field strength of spurious radiation was measured at Underwriters Laboratories Inc. Research Triangle Park, NC site. The measurement procedure is per EIA IS-137 conducted on a 3 meter test site. Results are shown on the following Exhibits.

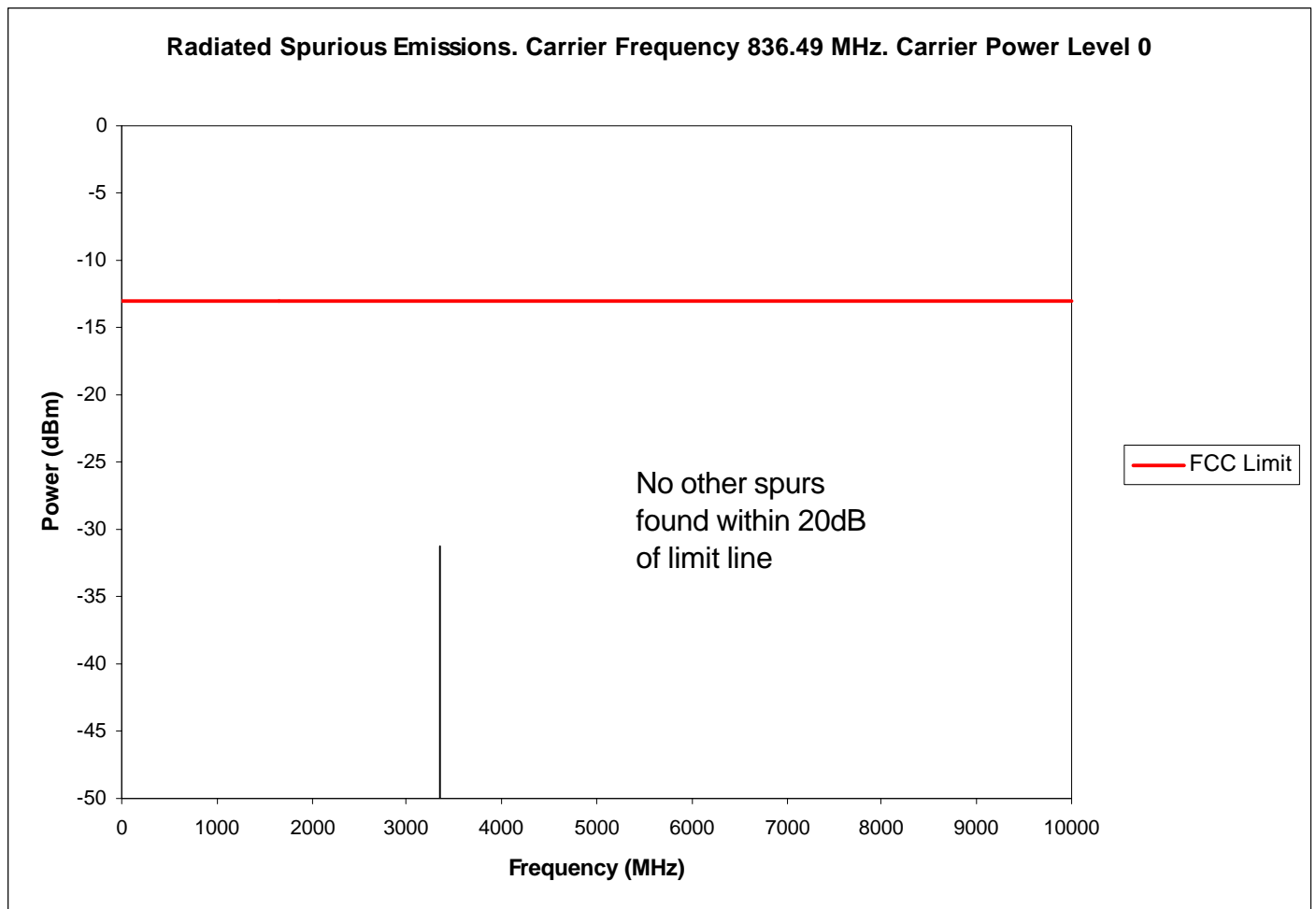
Note: The spectrum was examined through the 10<sup>th</sup> harmonic of the carrier. Measurements recorded are maximum measurements.

<u>EXHIBIT</u>	<u>FREQUENCY</u>	<u>OUTPUT POWER LEVEL</u>
6E2	836.49 MHz	0

The measurements were made per IS-137A using the following equipment:

- HP85650A Quasi-Peak Adapter
- HP Opt 462 6 dB Resolution Bandwidth Spectrum Analyzer Display
- HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz
- HP11713A Attenuator / Switch Driver
- HP8449B Opt H02 Pre-Amplifier 1-26.5GHz
- HP85685 RF Pre-selector 20Hz – 2GHz
- HP83752 Signal Generator (S/N: 361DA01426) .01 – 20GHz
- Antenna 800 MHz. EMCO 3121C-DB4 Adjustable Element Dipole or similar

Exhibit 6E2





**800 MHz DAMPS RF POWER OUTPUT**

**Para. 2.1033 (c,6,7), 2.1046 and 22.913 (a)**

**EFFECTIVE RADIATED POWER**

The following is a description of the substitution method used in accordance with IS-137A to obtain accurate EDRP readings at the carrier fundamental frequency:

- (1) The unit under test is placed 3 m away from the measurement antenna in vertical position. The measurements are made by using calibrated antennas and equipment with known cable losses.
- (2) A maximized measurement is made by raising and lowering the measurement antenna and rotating the EUT 360 degrees. Horizontal and vertical polarization data is recorded as reference.
- (3) A generator, an amplifier and a half-wave dipole antenna are then substituted for the EUT.
- (4) Data obtained with known power levels into the substitution antenna are then compared to the reference reading. The EDRP of the product is calculated.

Table: EDRP

Mode	f (MHz)	Radiated (dBm/mW)
DAMPS	824	24.6/ 288.4
	836	26.1/ 407.4
	849	24.5/ 281

The measurements were made per IS 137 using a Hewlett Packard 8953DT North American Dual Mode Cellular Test System which includes the following equipment:

HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz

HP 83752A Signal Generator (S/N: 361DA01426)

30dB Amplifier - Amplifier Research (AR) (S/N: 23413)

Power Meter - Rhode & Schwartz (S/N: DE21529)

Power Sensor (S/N: 8479771011)

2 Test Cables (S/N's: ZATA21, ATA055)

20dB Pad (S/N: ATA005)

Antenna 800MHz. EMCO 3121C-DB4 Adjustable Element Dipole Antenna (S/N: 9706 – 1306)

Test Fixture (Fixture provides height adjustment for mobiles and antennas according to FCC requirements)

**800 MHz DAMPS SPURIOUS EMISSIONS (CONDUCTED)**

---

Per 2.1051 Spurious emissions at the antenna terminals (conducted) when properly loaded with an appropriate artificial antenna were measured per IS-137A.

<u>EXHIBIT #</u>	<u>FREQUENCY</u>	<u>Output Power level</u>
6J2	836.49	7
6J3	836.49	0
6J4	mid band	0; 22.917(f)

The measurements were taken out to the 10<sup>th</sup> harmonic of the carrier.

The measurements were made per IS-137A using the following equipment:

HP E7405A EMC Spectrum Analyzer 9 kHz – 26.5 GHz  
HP EPM-441A Power Meter  
HP 66309B Dual Output Mobile Comm. DC Source  
HP 83712B CW Signal Generator 10 MHz – 20 GHz

Exhibit 6J2

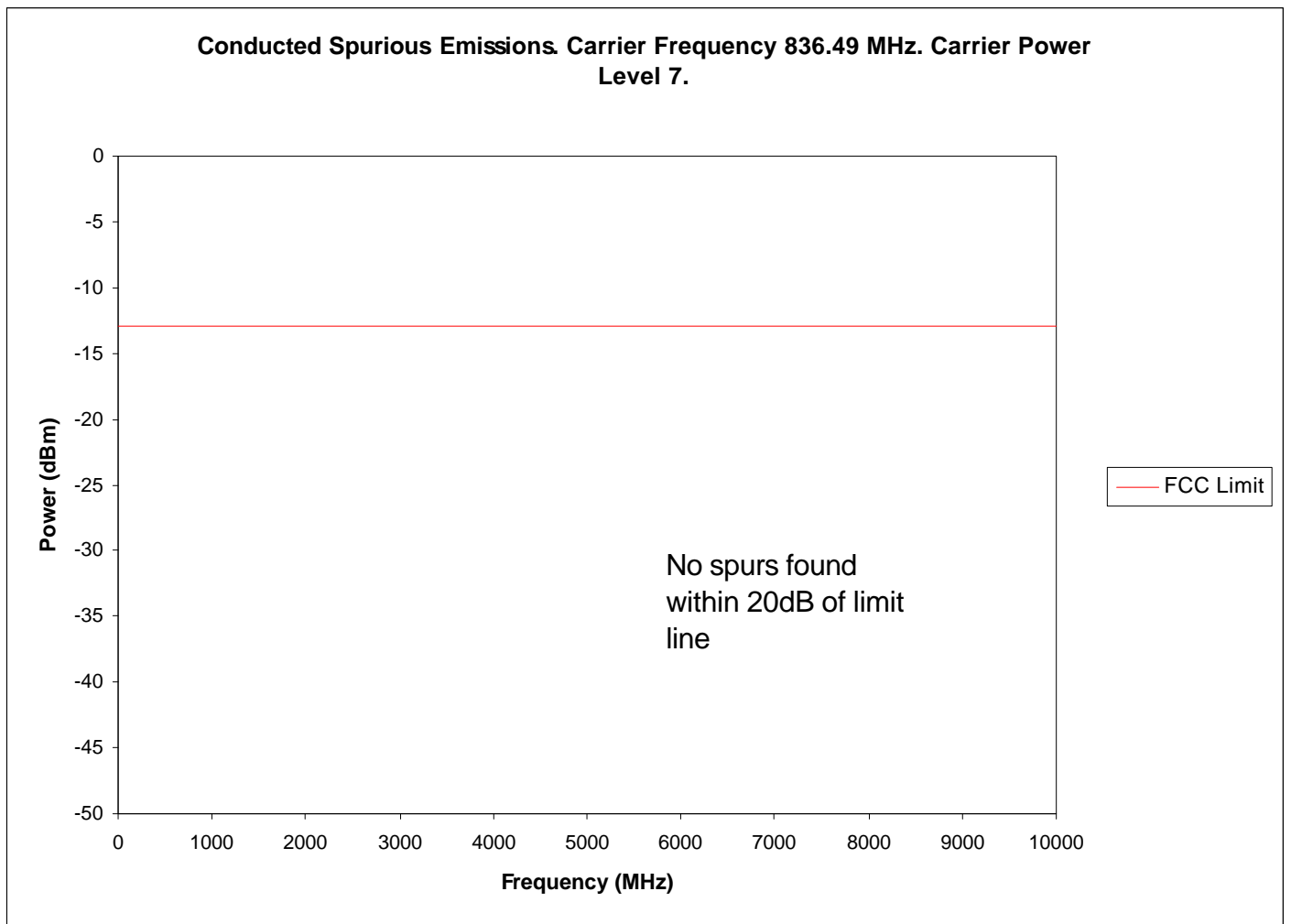
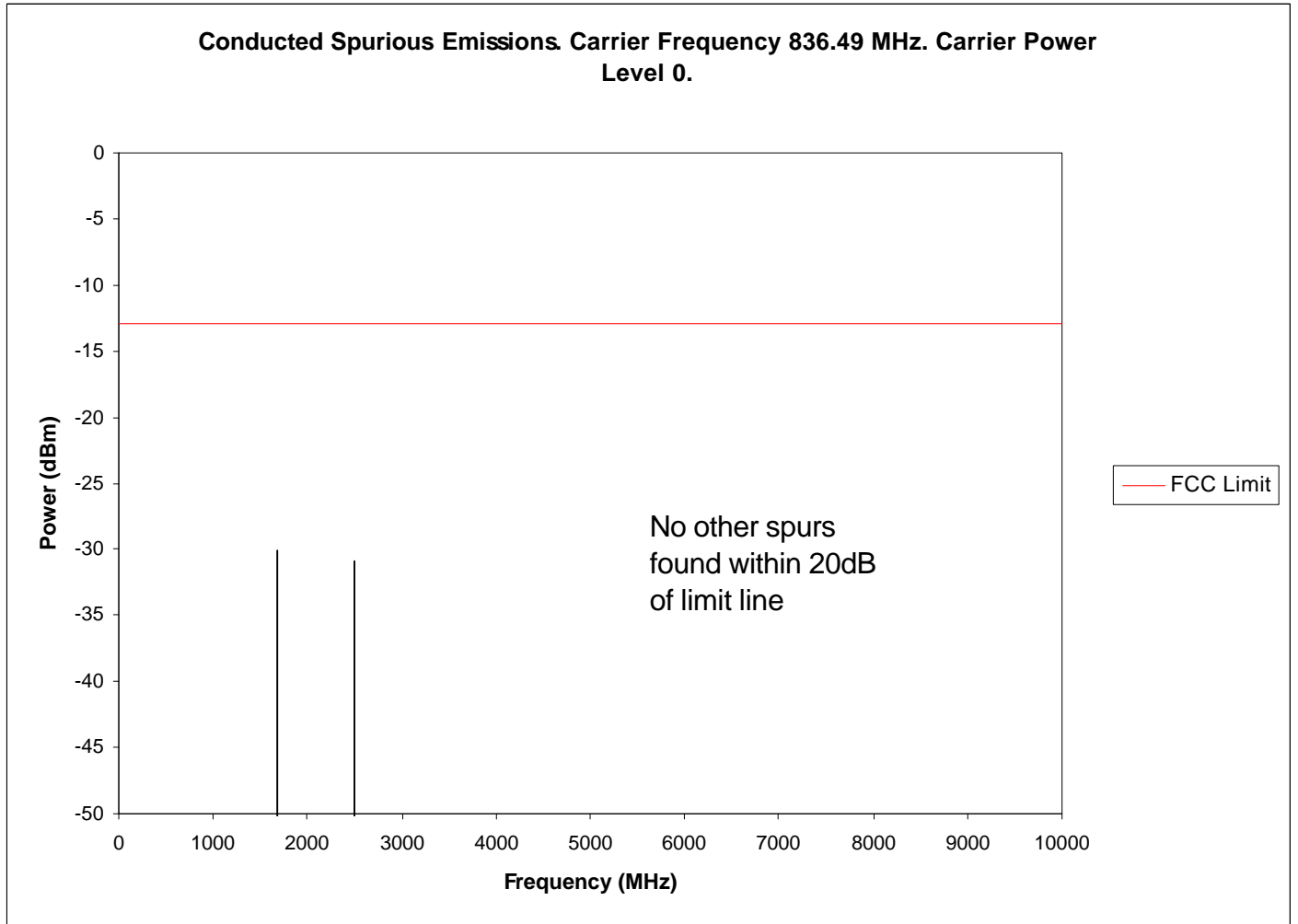


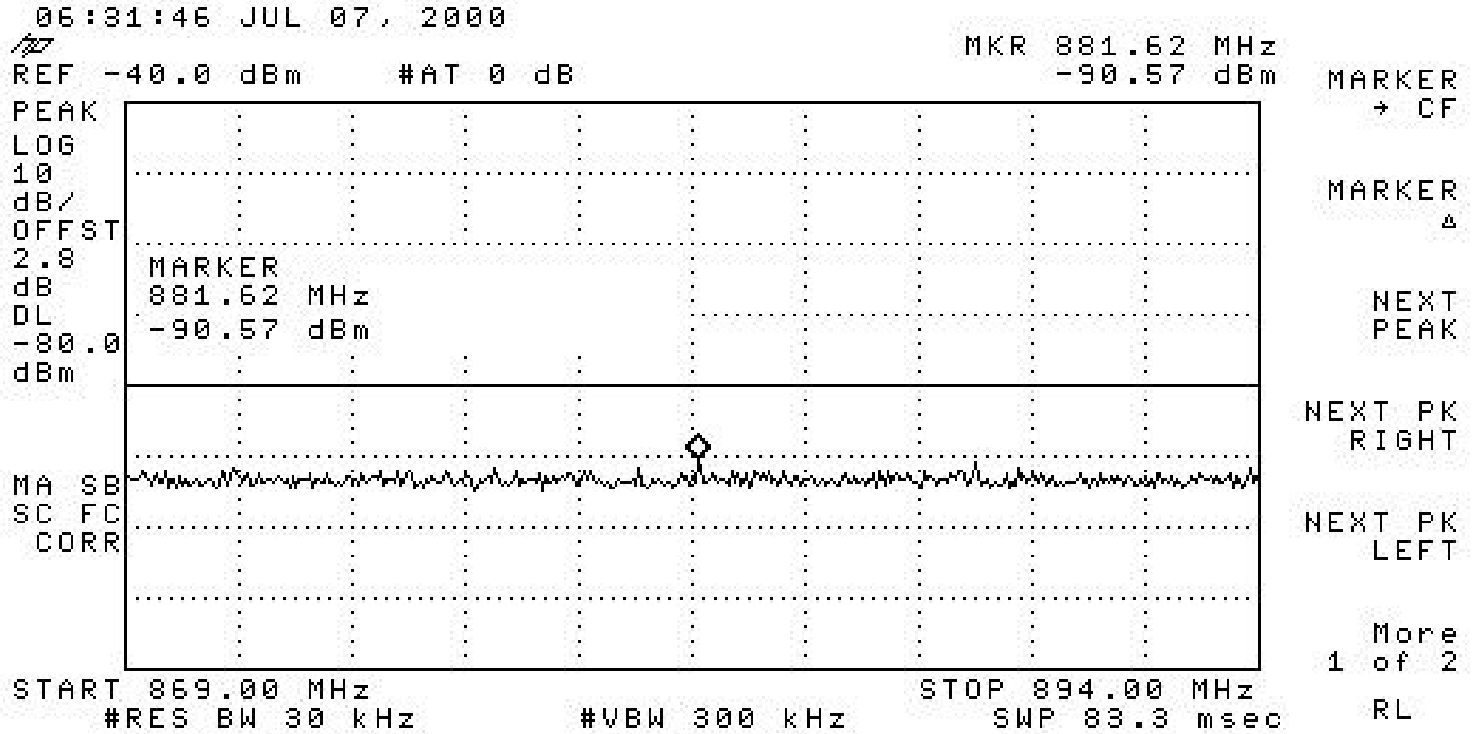
Exhibit 6J3



APPLICANT:  
ERICSSON INC

FCC ID NO:  
AXATR-378-A2

Exhibit 6J4 22.917(f)



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800 MHz DAMPS SPURIOUS EMISSIONS (Radiated)

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Per 2.1053 and 22.917 (e), field strength of spurious radiation was measured at Underwriters Laboratories Inc. Research Triangle Park, NC site. The measurement procedure is per EIA IS-137 conducted on a 3 meter test site. Results are shown on the following Exhibits.

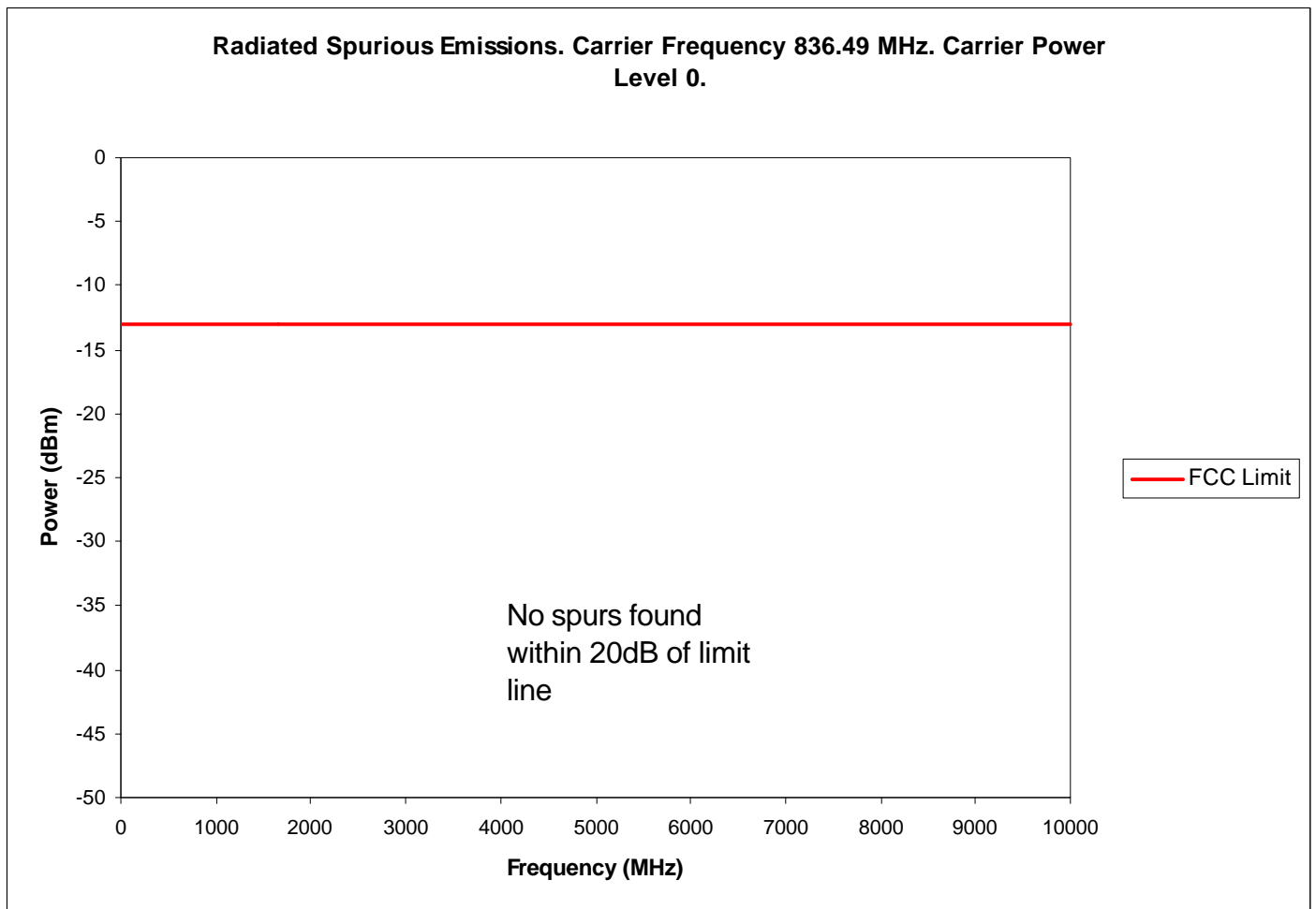
Note: The spectrum was examined through the 10<sup>th</sup> harmonic of the carrier. Measurements recorded are maximum measurements.

<u>EXHIBIT</u>	<u>FREQUENCY</u>	<u>OUTPUT POWER LEVEL</u>
6K2	836.49 MHz	0

The measurements were made per IS-137A using the following equipment:

- HP85650A Quasi-Peak Adapter
- HP Opt 462 6 dB Resolution Bandwidth Spectrum Analyzer Display
- HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz
- HP11713A Attenuator / Switch Driver
- HP8449B Opt H02 Pre-Amplifier 1-26.5GHz
- HP85685 RF Pre-selector 20Hz – 2GHz
- HP83752 Signal Generator (S/N: 361DA01426) .01 – 20GHz
- Antenna 800 MHz. EMCO 3121C-DB4 Adjustable Element Dipole or similar

Exhibit 6K2



**1900 MHz DAMPS RF POWER OUTPUT**

**Para. 2.1033 (c,6,7), 2.1046**

EIRP

The following is a description of the substitution method used in accordance with IS-137A to obtain accurate EIRP readings at the carrier fundamental frequency:

- (1) The unit under test is placed 3 m away from the measurement antenna in vertical position. The measurements are made by using calibrated antennas and equipment with known cable losses.
- (2) A maximized measurement is made by raising and lowering the measurement antenna and rotating the EUT 360 degrees. Horizontal and vertical polarization data is recorded as reference.
- (3) A generator, an amplifier and a half-wave dipole antenna are then substituted for the EUT.
- (4) Data obtained with known power levels into the substitution antenna are then compared to the reference reading. The EIRP of the product is calculated.

Table: EIRP

Mode	f (MHz)	Radiated (dBm/mW)
DAMPS	1850	26.6/ 457
	1880	27.2/ 525
	1910	25.4/ 347

The measurements were made per IS 137 using a Hewlett Packard 8953DT North American Dual Mode Cellular Test System which includes the following equipment:

HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz

HP 83752A Signal Generator (S/N: 361DA01426)

30dB Amplifier - Amplifier Research (AR) (S/N: 23413)

Power Meter - Rhode & Schwartz (S/N: DE21529)

Power Sensor (S/N: 8479771011)

2 Test Cables (S/N's: ZATA21, ATA055)

20dB Pad (S/N: ATA005)

Antenna 800MHz. EMCO 3121C-DB4 Adjustable Element Dipole Antenna (S/N: 9706 – 1306)

Antenna 1900MHz. EMCO 3115 Double Ridge Horn Antenna

Test Fixture (Fixture provides height adjustment for mobiles and antennas according to FCC requirements)



**1900 MHz DAMPS SPURIOUS EMISSIONS (CONDUCTED)**

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Per 2.1051 Spurious emissions at the antenna terminals (conducted) when properly loaded with an appropriate artificial antenna were measured per IS-137A.

<u>EXHIBIT #</u>	<u>FREQUENCY</u>	<u>Output Power level</u>
6P2	1879.98	10
6P3	1879.98	0

The measurements were taken out to the 10<sup>th</sup> harmonic of the carrier.

The measurements were made per IS-137A using the following equipment:

HP E7405A EMC Spectrum Analyzer 9 kHz – 26.5 GHz  
HP EPM-441A Power Meter  
HP 66309B Dual Output Mobile Comm. DC Source  
HP 83712B CW Signal Generator 10 MHz – 20 GHz

Exhibit 6P2

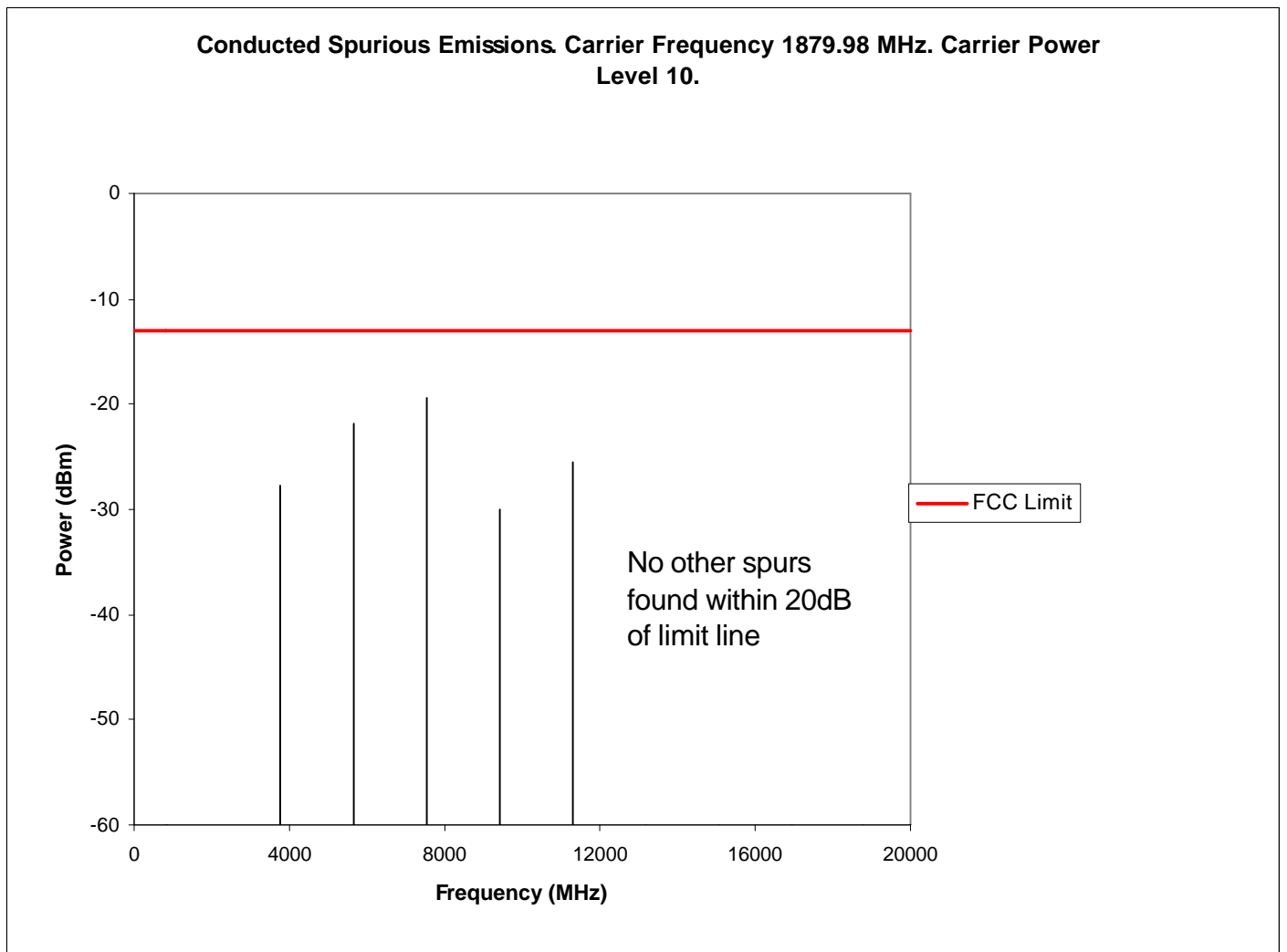
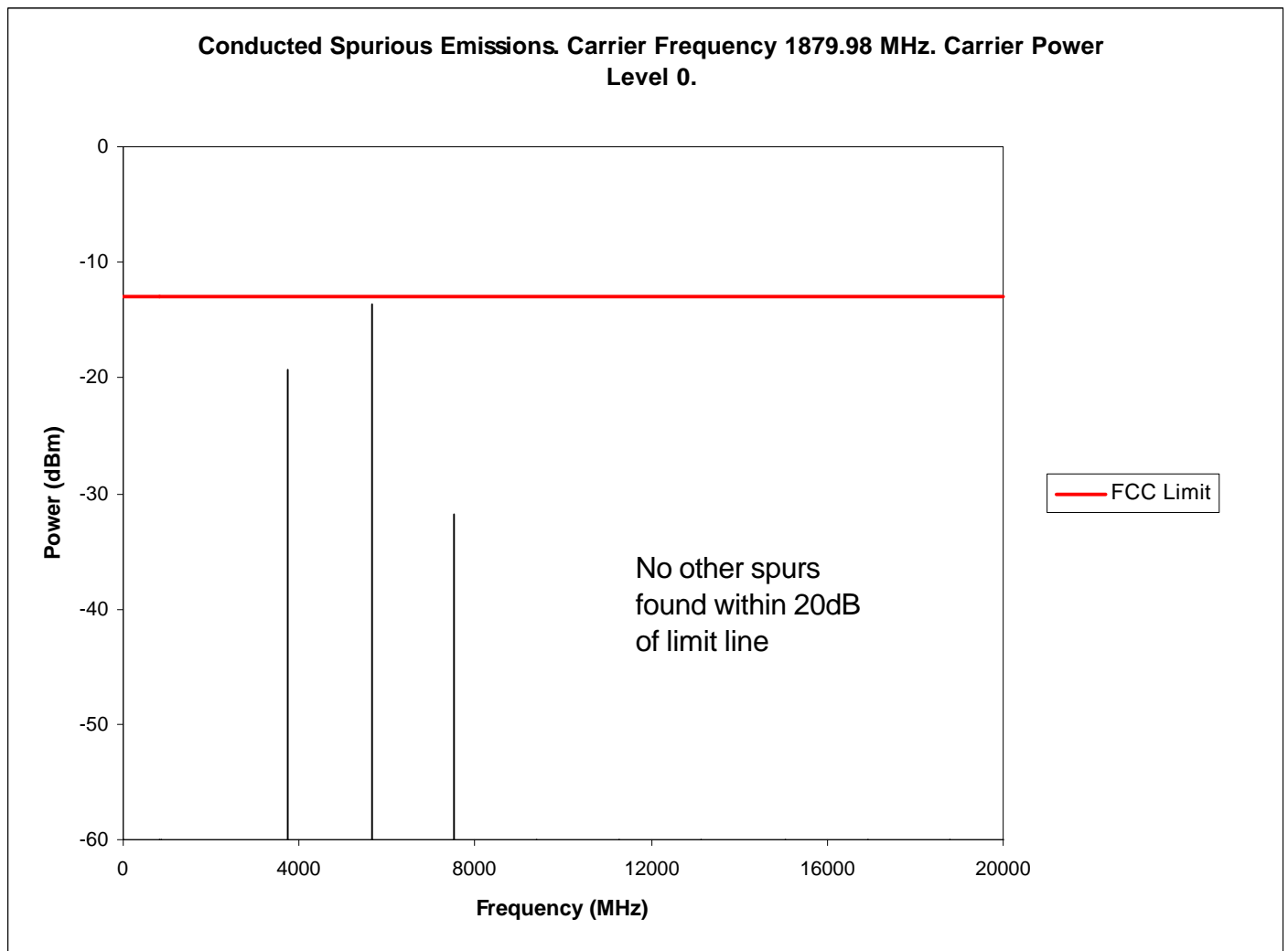


Exhibit 6P3



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1900 MHz DAMPS SPURIOUS EMISSIONS (Radiated)

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Per 2.1053, field strength of spurious radiation was measured at Underwriters Laboratories Inc. Research Triangle Park, NC site. The measurement procedure is per EIA IS-137 conducted on a 3 meter test site. Results are shown on the following Exhibits.

Note: The spectrum was examined through the 10<sup>th</sup> harmonic of the carrier. Measurements recorded are maximum measurements.

<u>EXHIBIT</u>	<u>FREQUENCY</u>	<u>OUTPUT POWER LEVEL</u>
6Q2	1879.98 MHz	0

The measurements were made per IS-137A using the following equipment:

- HP85650A Quasi-Peak Adapter
- HP Opt 462 6 dB Resolution Bandwidth Spectrum Analyzer Display
- HP8566B Spectrum Analyzer 100Hz 25GHz / 2 – 22GHz
- HP11713A Attenuator / Switch Driver
- HP8449B Opt H02 Pre-Amplifier 1-26.5GHz
- HP85685 RF Pre-selector 20Hz – 2GHz
- HP83752 Signal Generator (S/N: 361DA01426) .01 – 20GHz
- Antenna 1900 MHz. EMCO 3115 Double Ridge Horn Antenna or similar

Exhibit 6Q2

