

Annex 1: Measurement diagrams to
TEST REPORT
 No.: 18-1-0070201T06a-C1

According to:
FCC Regulations
 Part 15C
ISED Regulations
 RSS-216 Issue 2

for

Laird Technologies, Inc.

Wireless Charging Unit
 WCH-209

FCC-ID: 2APE3WCH-209
 ISED: 23771-WCH209







Laboratory Accreditation and Listings		
 <p>Accredited EMC-Test Laboratory</p>	 <p>Industry Canada Reg. No.: 3462D-1 Reg. No.: 3462D-2 Reg. No.: 3462D-3</p>	 <p>Voluntary Controls for Electromagnetic Emissions Reg. No.: R-4552, C-20009, T-20006, G-20013</p>
 <p>AUTHORIZED RF LABORATORY</p>	 <p>Lab Code: 20011130-00</p>	 <p>MRA US-EU 0003</p>
accredited according to DIN EN ISO/IEC 17025		
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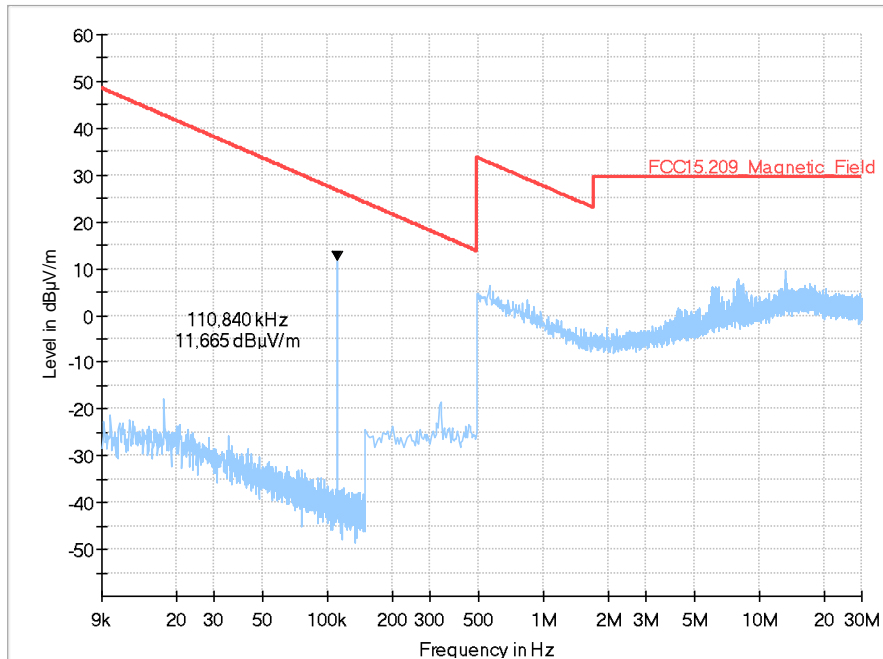
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1. Measurement diagrams

1.1. Radiated spurious emission 9 kHz – 30 MHz (FCC)

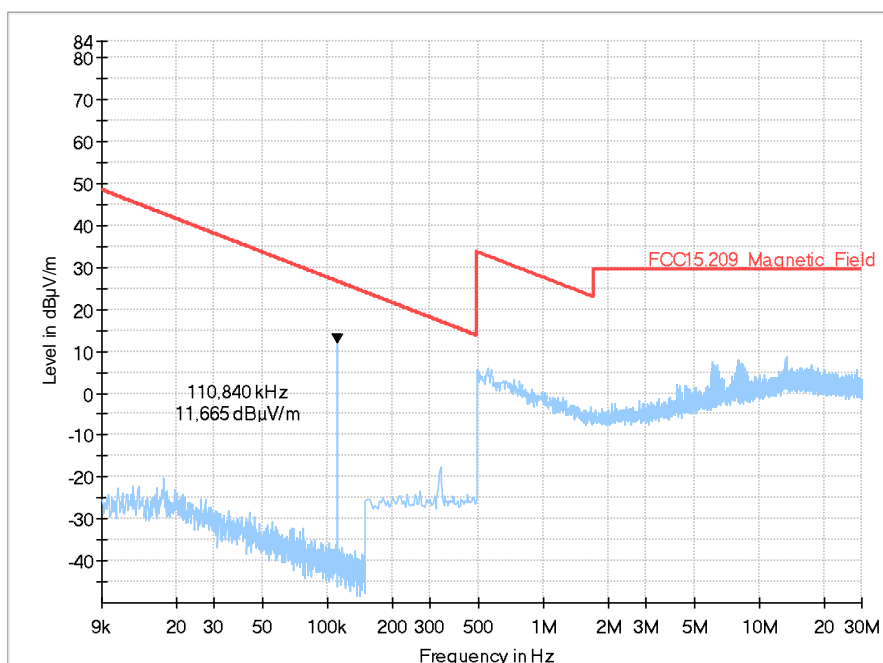
2.06a_RSE_TXRX_standing

Full Spectrum



2.06b_RSE_TXRX_laying

Full Spectrum



1.2. Radiated spurious emission 9 kHz – 30 MHz (ICES-001/CISPR11)

Diagram No. 2.46a_RSE_TXRX_standing

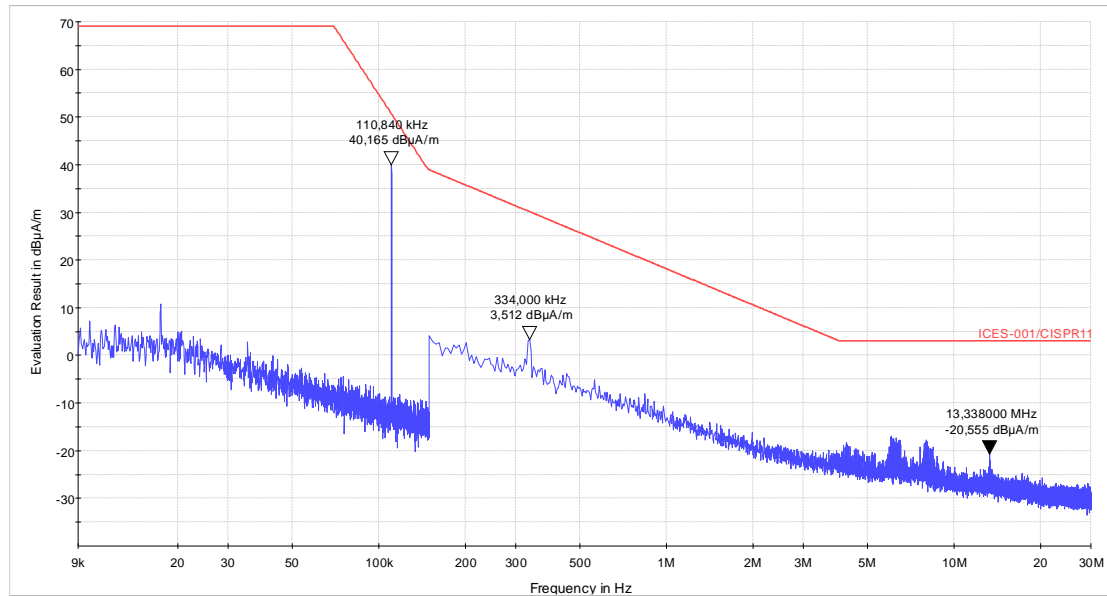
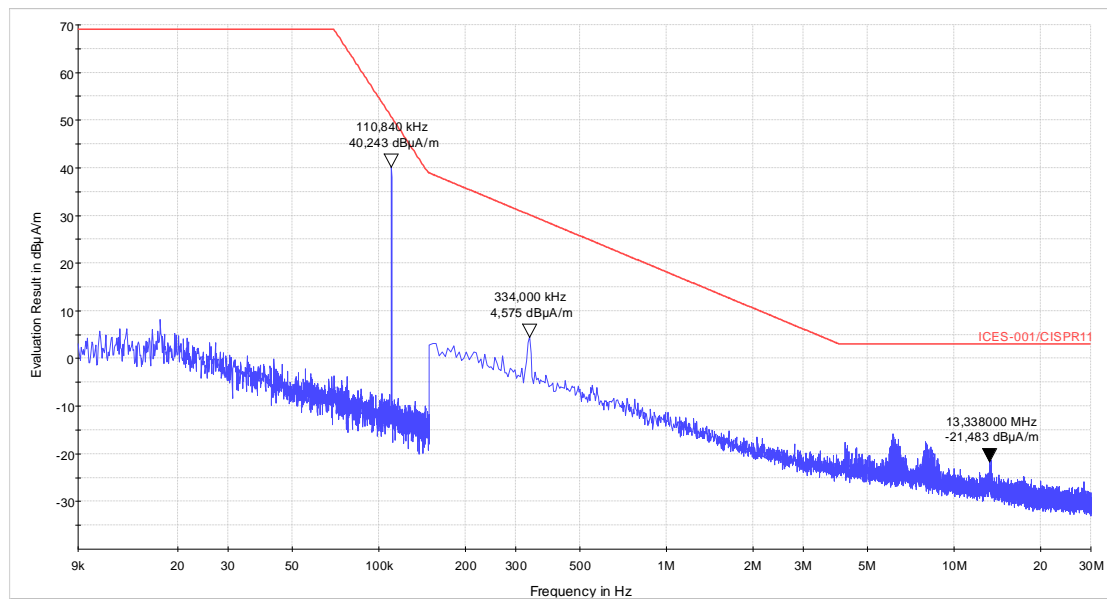


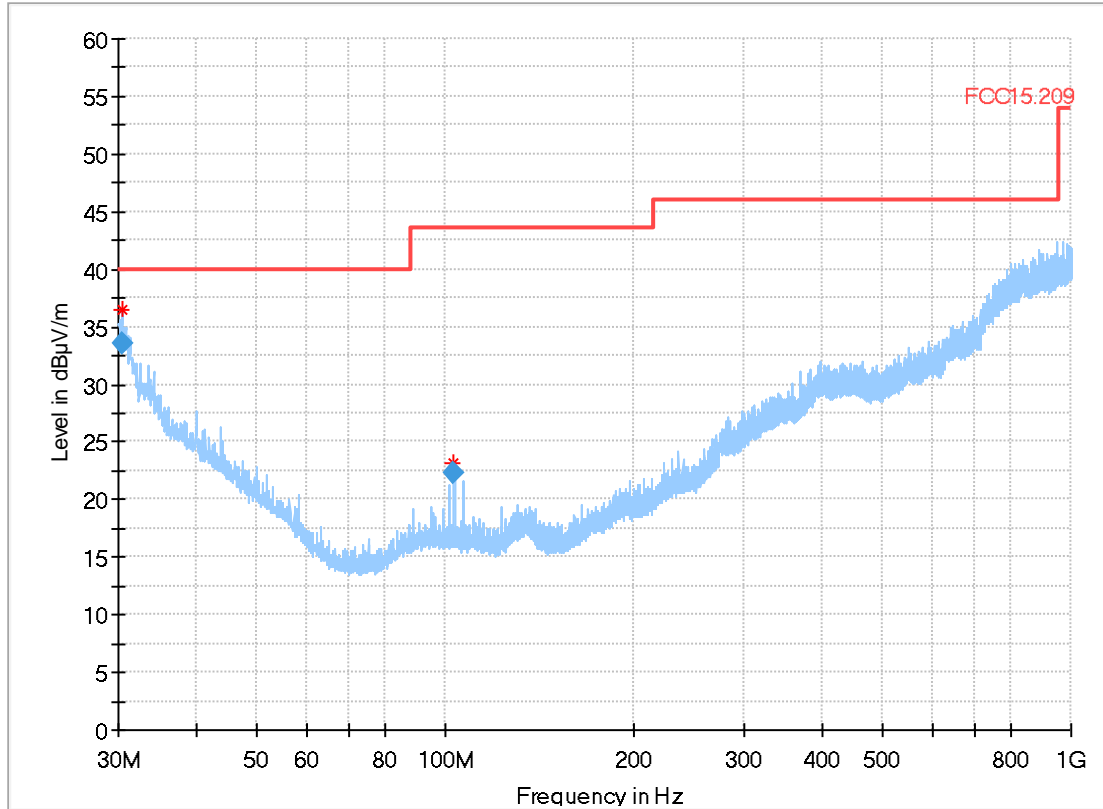
Diagram No. 2.46b_RSE_TXRX_laying



1.3. Radiated spurious emission 30 MHz – 1GHz (FCC)

Diagram No. 3.02a_RSE_TXRX_standing

Full Spectrum

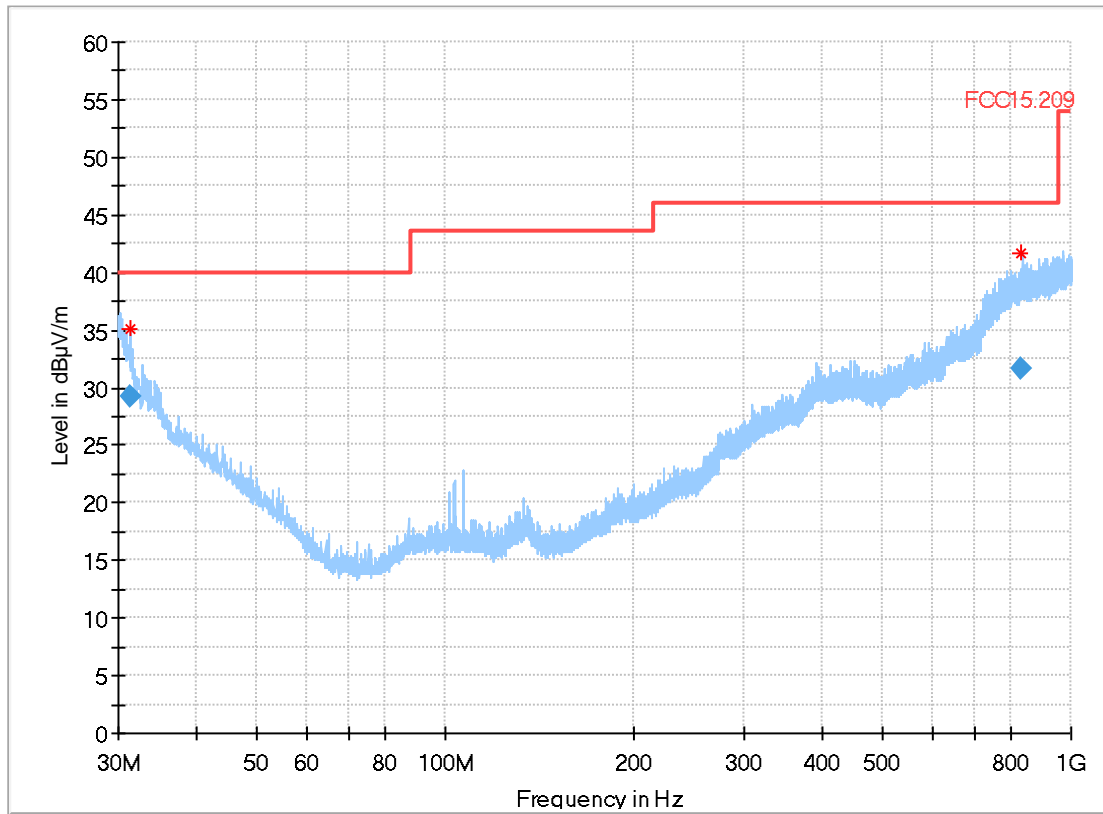


Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr (dB)
30.364000	33.59	40.00	6.41	1000.0	120.000	105.0	V	94.0	21.4
103.304000	22.28	43.50	21.22	1000.0	120.000	113.0	V	96.0	8.1

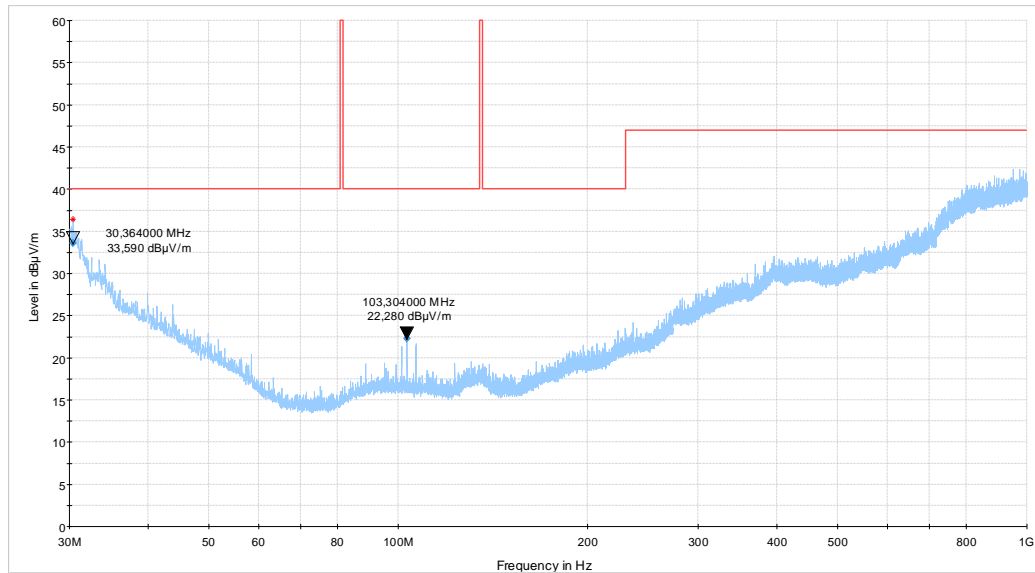
Diagram No. 3.02b_RSE_TXRX_laying

Full Spectrum



Final Result

Frequency (MHz)	QuasiPeak (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
31.432000	29.26	40.00	10.74	1000.0	120.000	109.0	V	107.0	20.9
834.544000	31.63	46.00	14.37	1000.0	120.000	178.0	V	189.0	25.7

1.4. Radiated spurious emission 30 MHz – 1GHz (ICES-001/CISPR11)**Diagram No. 3.02g.RSE_TXRX_Standing****Diagram No. 3.02h.RSE_TXRX_Laying**