



CERTIFICATION TEST REPORT

Report Number. : 14253666-E1V1

Applicant : APPLE, INC.
ONE APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

Model : A2876

FCC ID : BCGA2876

IC : 579C-A2876

EUT Description : MAGNETIC CHARGER

Test Standard(s) : FCC 47 CFR PART 15 SUBPART C
ISED RSS-216 ISSUE 2
ISED RSS-GEN ISSUE 5 + A1 + A2

Date Of Issue:

August 02, 2022

Prepared by:

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Revision History

<u>Rev.</u>	<u>Issue Date</u>	<u>Revisions</u>	<u>Revised By</u>
V1	8/2/2022	Initial Issue	Chin Pang

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1. ATTESTATION OF TEST RESULTS

COMPANY NAME: APPLE, INC.
ONE APPLE PARK WAY
CUPERTINO, CA 95014, U.S.A.

EUT DESCRIPTION: MAGNETIC CHARGER

MODEL: A2876

BRAND: APPLE

SERIAL NUMBER: DLCHP05M206K

SAMPLE RECEIPT DATE: JULY 16, 2022

DATE TESTED: JULY 17 - 29, 2022

APPLICABLE STANDARDS	
STANDARD	TEST RESULTS
FCC PART 15 SUBPART C	Complies
ISED RSS-216 Issue 2, Annex B	Complies
ISED RSS-GEN Issue 5 + A1 + A2	Complies

UL LLC tested the above equipment in accordance with the requirements set forth in the above standards. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. All samples tested were in good operating condition throughout the entire test program. Measurement Uncertainties are published for informational purposes only and were not taken into account unless noted otherwise.

This document may not be altered or revised in any way unless done so by UL LLC and all revisions are duly noted in the revisions section. Any alteration of this document not carried out by UL LLC will constitute fraud and shall nullify the document. This report must not be used by the client to claim product certification, approval, or endorsement by A2LA, NIST, any agency of the Federal Government, or any agency of the U.S. government.

Approved & Released For
UL Verification Services Inc. By:



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UL LLC.

2. TEST METHODOLOGY

The tests documented in this report were performed in accordance with:

- FCC CFR 47 Part 2
- FCC CFR 47 Part 15
- ANSI C63.10-2013
- KDB 414788 D01 Radiated Test Site v01r01
- RSS-GEN Issue 5 + A1 + A2
- RSS-216 Issue 2

3. FACILITIES AND ACCREDITATION

UL LLC is accredited by A2LA, certification #0751.05, for all testing performed within the scope of this report. Testing was performed at the locations noted below.

	Address	ISED CABID	ISED Company Number	FCC Registration
☐	Building 1: 47173 Benicia Street, Fremont, CA 94538	US0104	2324A	550739
☒	Building 2: 47266 Benicia Street, Fremont, CA 94538	US0104	22541	550739
☐	Building 4: 47658 Kato Rd, Fremont, CA 94538	US0104	2324B	550739

4. CALIBRATION AND UNCERTAINTY

4.1. MEASURING INSTRUMENT CALIBRATION

The measuring equipment utilized to perform the tests documented in this report has been calibrated in accordance with the manufacturer's recommendations, and is traceable to recognized national standards.

4.2. SAMPLE CALCULATION

RADIATED EMISSIONS

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Field Strength (dBuV/m)} &= \text{Measured Voltage (dBuV)} + \text{Antenna Factor (dB/m)} + \text{Cable} \\ &\text{Loss (dB)} - \text{Preamp Gain (dB)} \\ 36.5 \text{ dBuV} + 18.7 \text{ dB/m} + 0.6 \text{ dB} - 26.9 \text{ dB} &= 28.9 \text{ dBuV/m} \end{aligned}$$

MAINS CONDUCTED EMISSIONS

Where relevant, the following sample calculation is provided:

$$\begin{aligned} \text{Final Voltage (dBuV)} &= \text{Measured Voltage (dBuV)} + \text{Cable Loss (dB)} + \text{Limiter Factor (dB)} + \\ &\text{LISN Insertion Loss.} \\ 36.5 \text{ dBuV} + 0 \text{ dB} + 10.1 \text{ dB} + 0 \text{ dB} &= 46.6 \text{ dBuV} \end{aligned}$$

4.3. MEASUREMENT UNCERTAINTY

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus:

PARAMETER	UNCERTAINTY
Worst Case Conducted Disturbance, 9KHz to 0.15 MHz	3.78 dB
Worst Case Conducted Disturbance, 0.15 to 30 MHz	3.40 dB
Worst Case Radiated Disturbance, 9KHz to 30 MHz	2.87 dB
Worst Case Radiated Disturbance, 30 to 1000 MHz	6.01 dB

Uncertainty figures are valid to a confidence level of 95%.

5. EQUIPMENT UNDER TEST

5.1. DESCRIPTION OF EUT

The EUT is a magnetic charger which has a single inductive charging coil to charge Apple Watch. The charging frequencies are 1.778MHz and 326.5 kHz, and the maximum power consumption is 5W in charging status.

5.2. MAXIMUM OUTPUT POWER

The transmitter has maximum peak radiated electric and magnetic field strength as follows:

Fundamental Frequency (KHz)	Mode	E field (300m distance) FCC (dBuV/m)	H field (3m distance) IC (dBuA/m)
326.5	Standby (Config 1)	-19.59	-10.49
326.5	Operating (Config 2)	-30.70	-1.90

Fundamental Frequency (KHz)	Mode	E field (30m distance) FCC (dBuV/m)	H field (3m distance) IC (dBuA/m)
1778	Operating (Config 3)	0.98	-7.44

5.3. SOFTWARE AND FIRMWARE

The firmware version installed in the EUT during testing was v. 190.

5.4. WORST-CASE CONFIGURATION AND MODE

The EUT is a dual frequency a magnetic charger which has a single inductive charging coil to charge Apple Watch. For the entire radiated emissions test, the EUT was investigated on the following configuration during the test at its natural orientation.

Config	Mode	Descriptions
1	Standby	EUT Alone powered by AC/DC adapter
2	Operating	EUT and Watch operating at 326.5kHz powered by AC/DC adapter
3	Operating	EUT and Watch operating at 1.778MHz powered by AC/DC adapter

AC power line conducted emissions were also investigated on the following configurations.

Config	Mode	Descriptions
1	Standby	EUT Alone powered by AC/DC adapter
2	Operating	EUT and Watch powered by AC/DC adapter
3	Operating	EUT and Watch operating at 1.778MHz powered by AC/DC adapter

For below 30MHz & 1GHz tests EUT was connected to AC power adapter as the worst case, the worst-case configuration reported was tested with EUT only. For AC line conducted emission, test was investigated with AC power adapter.

The EUT was tested as standby and operation modes. During operational mode, EUT was tested with two different sizes of watches, small and big of having similar mechanical structure.

For all radiated emissions tests, both small and big watches were investigated and no significant different in reading was found between both watches; the big watch was chosen to test as the worst case condition since it has max load overall, hence all final data for operational mode represents EUT with the big watch. During the charging process, the watch actively indicates the status of the charging process. Device being charged was at a state of 20 – 50% charged.

For below 30MHz testing, investigation was done on three antenna orientations: RX antenna Face-on, Face-off and horizontal (parallel to ground). The worst-case configurations were determined on RX antenna Face-on and Face-off; therefore, all final tests were performed using these two orientations.

Although these tests were performed other than open area test site, adequate comparison measurements were confirmed against 300 m open area test site. Therefore, sufficient tests were made to demonstrate that the alternative site produces result that correlate with the ones of tests made in an open field based on KDB 414788 D01.

5.5. DESCRIPTION OF TEST SETUP

SUPPORT EQUIPMENT & PERIPHERALS

SUPPORT EQUIPMENT & PERIPHERALS LIST			
Description	Manufacturer	Model	Serial Number
AC/DC adapter	Apple	A2164	C4H0114000JLV744B
Watch	Apple	A2622	N73KY02M96
Watch	Apple	A2723	C9T7597F69

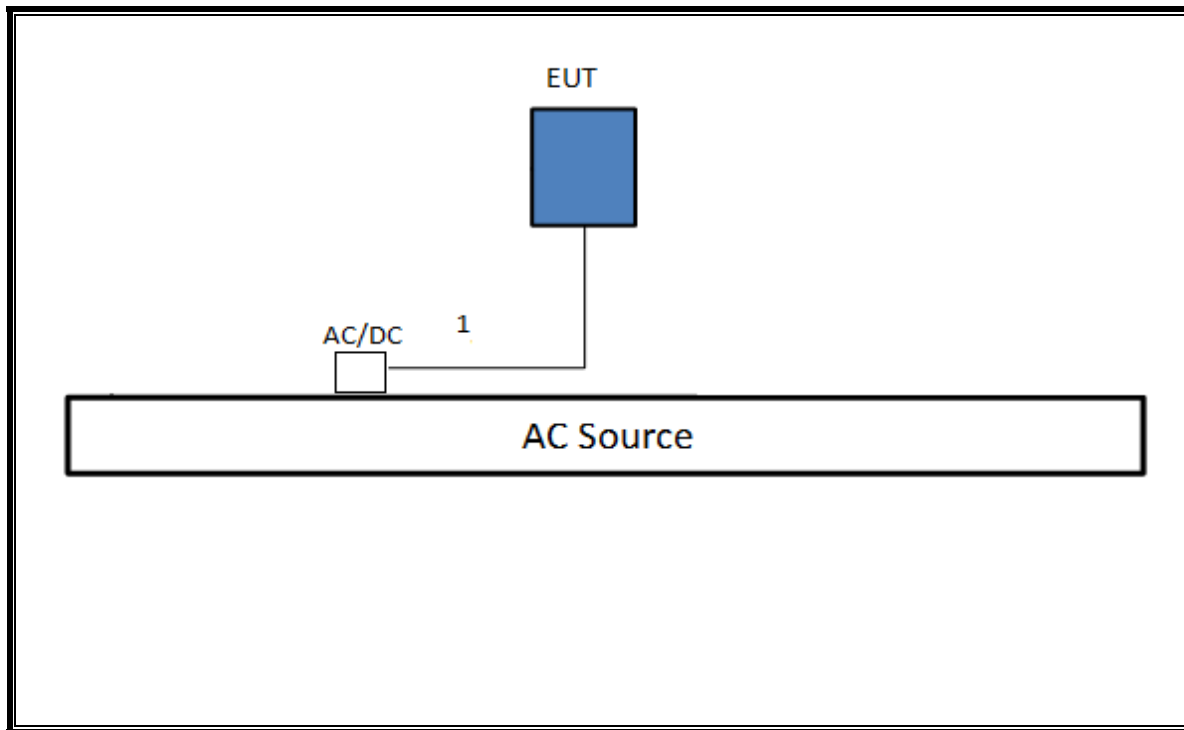
I/O CABLES

I/O CABLE LIST						
Cable No.	Port	# of Identical Ports	Connector Type	Cable Type	Cable Length (m)	Remarks
1	DC	1	USB-C	Un-shielded	2	30W Power Supply

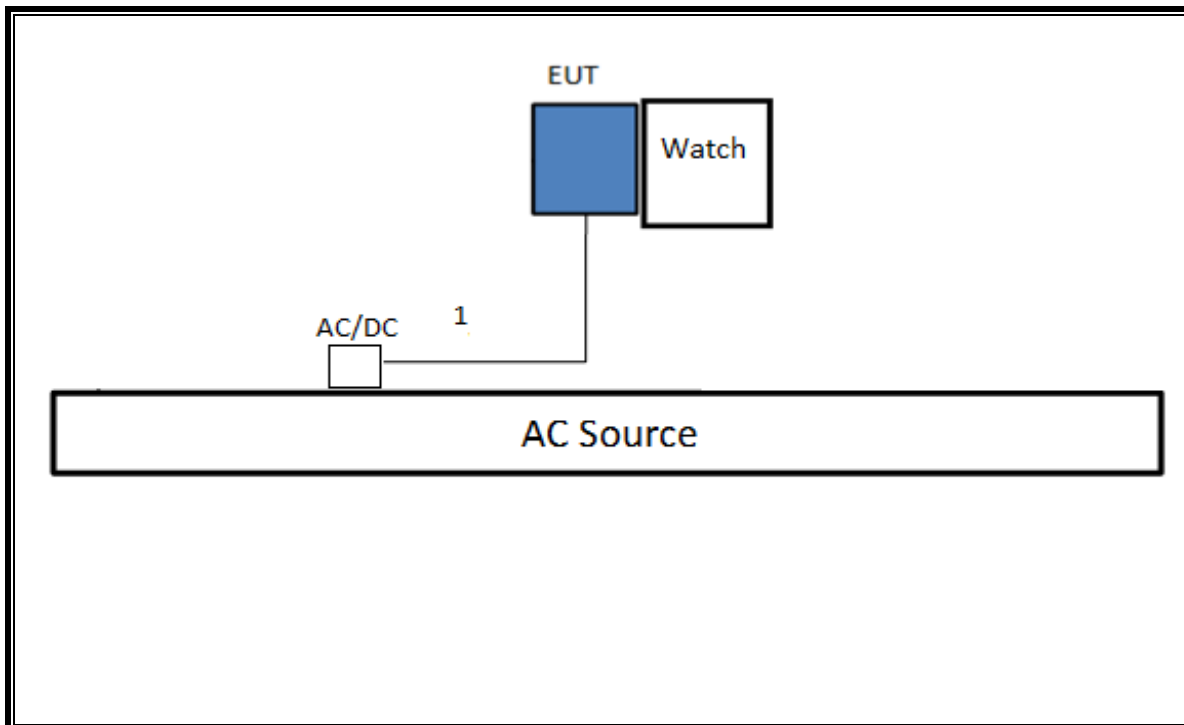
TEST SETUP

Please see the following configurations for the test setups. Configurations 1, 2 and 3 indicate that the EUT is directly connected to an AC/DC adapter via USB cable.

CONFIGURATION 1: STANDBY MODE



CONFIGURATION 2/3: OPERATING MODE WITH WATCH



6. TEST AND MEASUREMENT EQUIPMENT

The following test and measurement equipment was utilized for the tests documented in this report:

TEST EQUIPMENT LIST					
Description	Manufacturer	Model	ID Num	Cal Due	Last Cal
Antenna, Passive Loop 30Hz to 1MHz	Electro-Metrics	EM-6871	219908	05/10/2023	05/10/2022
Antenna, Passive Loop 100KHz to 30MHz	Electro-Metrics	EM-6872	219910	05/10/2023	05/10/2022
Antenna, Broadband Hybrid, 30MHz to 2000MHz w/4dB	Sunol Sciences Crop.	JB1	80714	08/20/2022	08/20/2021
*Amplifier, 9kHz to 1GHz, 32dB	Sonoma Instrument	310	170649	07/18/2023	07/18/2022
Sniffer Probes	Electro Metrics	EM-6992	N/A	N/A	N/A
Spectrum Analyzer, PXA, 3Hz to 44GHz	Agilent (Keysight) Technologies	N9030A-544	85313	01/30/2023	01/30/2022

AC Line Conducted					
Description	Manufacturer	Model	ID Num	Cal Due	Last Cal
EMI Test Receiver 9kHz-7GHz	Rohde & Schwarz	ESR	93091	02/21/2023	02/21/2022
Power Cable, Line Conducted Emissions	UL	PR1	T861	10/27/2022	10/27/2021
LISN for Conducted Emissions	FISCHER CUSTOM COMMUNICATIONS	FCC-LISN-50/250-25-2-01	175765	01/26/2023	01/26/2022
UL AUTOMATION SOFTWARE					
Radiated Software	UL	UL EMC	Ver 9.5, 21 Jan 2022		
Conducted Software	UL	UL EMC	Ver 9.5, 21 Jan 2022		

7. OCCUPIED BANDWIDTH

TEST PROCEDURE

The transmitter output is connected to the spectrum analyzer. The RBW is set to 300Hz at 326.5kHz signal and 5.1kHz at 1.778MHz signal. The VBW is set to 3 times the RBW. The sweep time is coupled. The spectrum analyzer internal 99% bandwidth function is utilized.

Note: Because the measured signal is CW-like, adjusting the RBW per C63.10 would not be practical since measured bandwidth will always follow the RBW and the result will be approximately twice the RBW.

Note that when the EUT was in standby mode the only signal that comes out from the EUT was the intentional charging signal of 326.5kHz. On the other hand, when the EUT was in operational mode there were two signals. One of the intentional charging signal of 326.5kHz and the other intentional charging signal is 1.778MHz.

EUT SETUP

Configuration 1: Low Frequency Charger in standby mode, transmitting low duty cycle CW signal at 326.5kHz test.

Configuration 2: Low Frequency Charger in pairing mode with FSK modulation which occurs over a very short period of time as soon as the watch is placed on the charger.

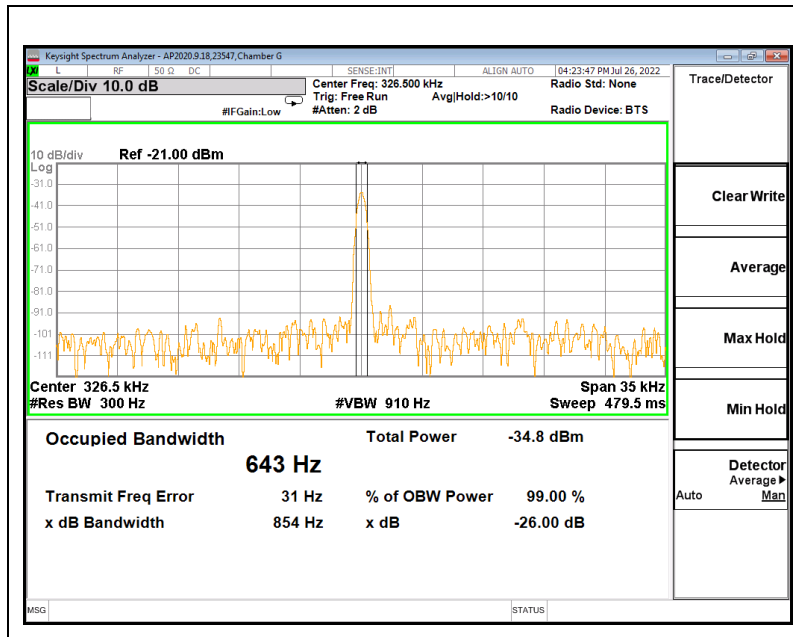
Configuration 3: Low Frequency Charger in charging mode with signal transmitting at 326.5kHz.

Configuration 4: High Frequency Charger in pairing mode with FSK modulation which occurs over a very short period of time as soon as the watch is placed on the charger.

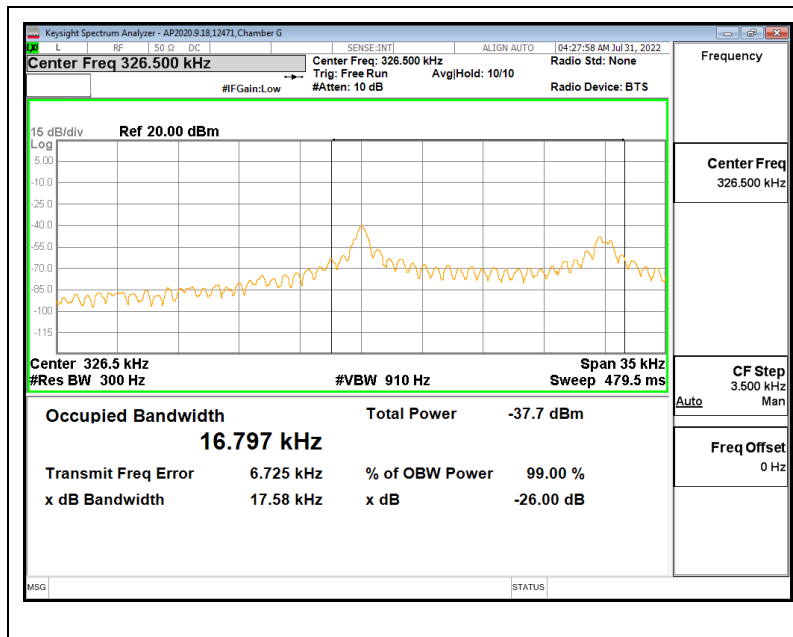
Configuration 5: High Frequency Charger in charging mode with signal transmitting at 1.778MHz.

RESULTS

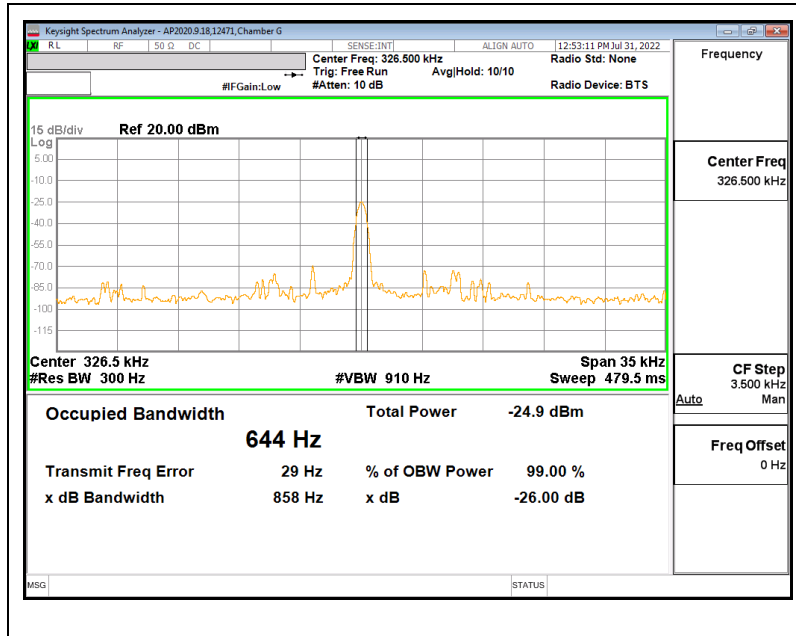
7.1.1. CONFIG 1



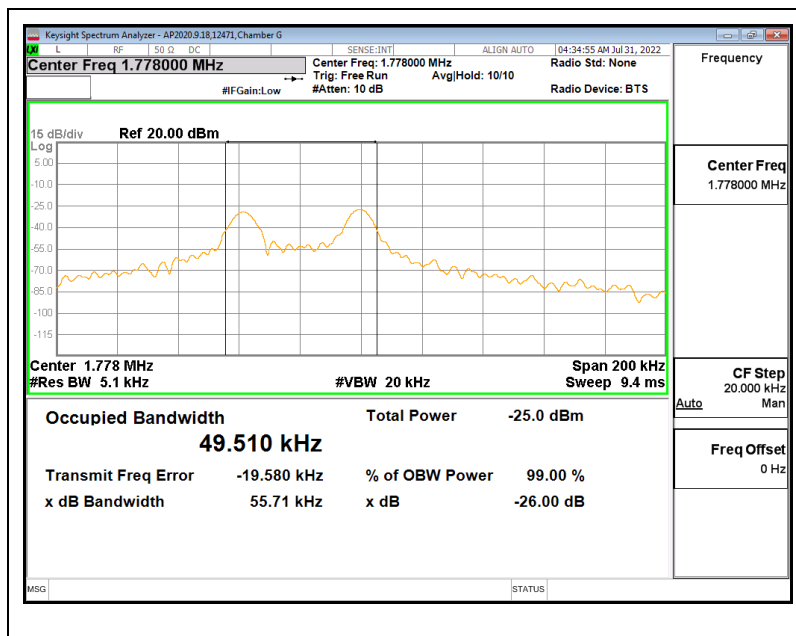
7.1.2. CONFIG 2



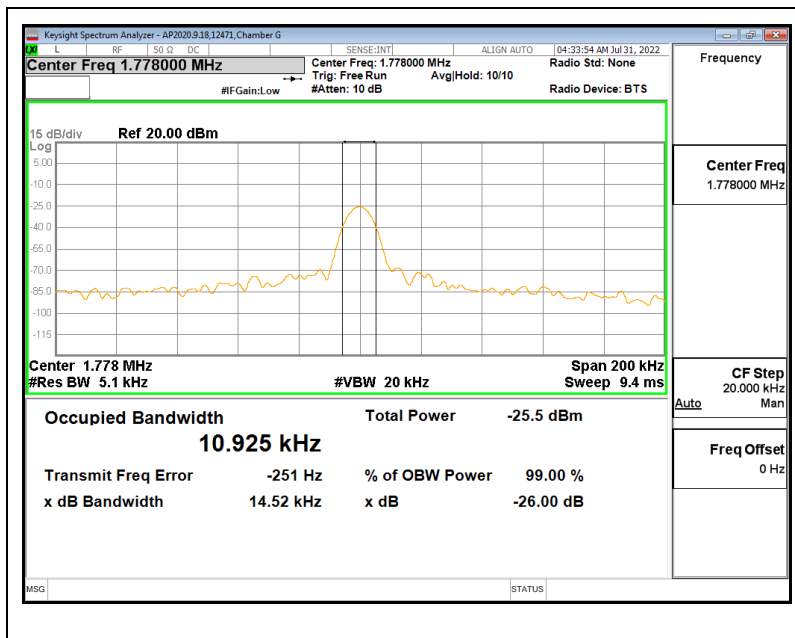
7.1.3. CONFIG 3



7.1.4. CONFIG 4



7.1.5. CONFIG 5



8. RADIATED EMISSION TEST RESULTS

8.1. LIMITS AND PROCEDURE

LIMITS

FCC §15.209 (a)

ICES-001 Section 6.2, IC RSS-216 6.2.2, and IC RSS-GEN Sections 8.9 and 8.10.

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (m)
0.009–0.490	2400/F (kHz)	300
0.490–1.705	24000/F (kHz)	30
1.705–30.0	30	30
30–88	100	3
88 to 216	150	3
216 to 960	200	3
Above 960 MHz	500	3
Note: The lower limit shall apply at the transition frequency.		

ICES-001 Issue 5 Table 2 & Table 4:

Table 2: Magnetic field strength radiated emission limits for induction cooking appliances

Frequency range (MHz)	Quasi-peak, at 3 m distance (dBμA/m)
0.009 – 0.07	69
0.07 – 0.15	69 to 39 *
0.15 – 30	39 to 7 *
* The limit level in dBμA/m decreases linearly with the logarithm of frequency.	

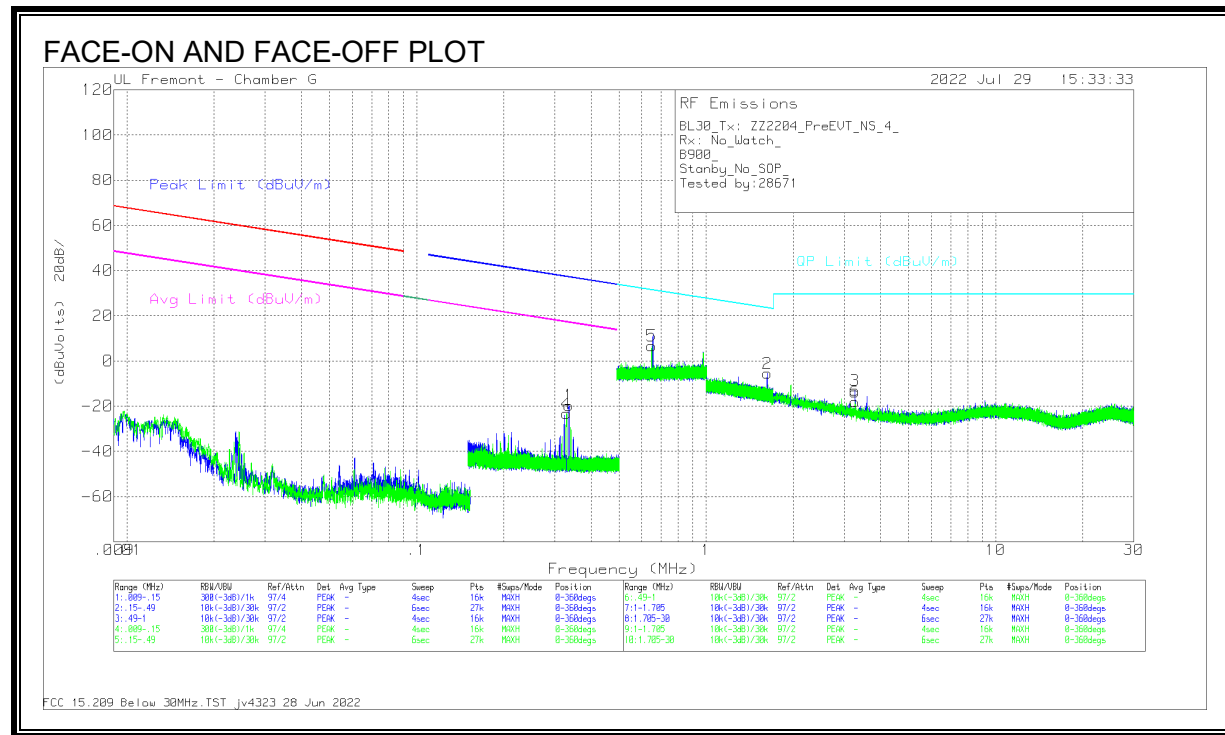
Table 4: Electric field strength radiated emission limits for induction cooking appliances

Frequency range (MHz)	OATS or SAC * 10 m measurement distance Quasi-peak (dBμV/m)	OATS or SAC * 3 m measurement distance Quasi-peak (dBμV/m)	FAR * 3 m measurement distance Quasi-peak (dBμV/m)
30 – 230	30	40	42 to 35 **
230 – 1000	37	47	42
Note: The more stringent limit applies at the transition frequency. * OATS = open-area test site, SAC = semi-anechoic chamber, FAR = fully-anechoic room (see CSA C15.19). ** The limit level in dBμV/m decreases linearly with the logarithm of frequency.			

RESULTS

8.1.1. FCC TX FUNDAMENTAL AND SPURIOUS EMISSIONS FROM 9 kHz TO 30 MHz

STANDBY CONFIGURATION (326.5kHz Frequency)



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity
4	.3295	32.51	Pk	56.2	-32	-80	-23.29	37.25	-60.54	17.25	-40.54	0-360	Face-Off
1	.3355	36.21	Pk	56.2	-32	-80	-19.59	37.1	-56.69	17.1	-36.69	0-360	Face-On

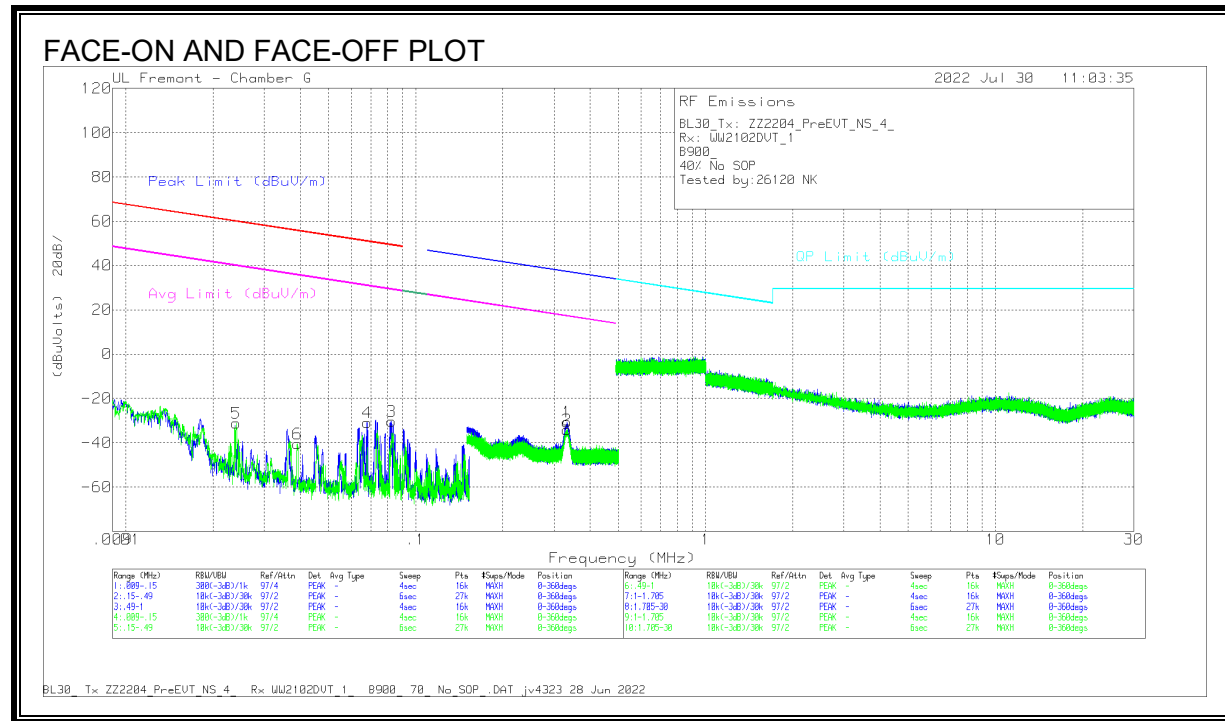
Pk - Peak detector

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Dist Corr 30m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity
5	.6487	22.4	Pk	56.3	-32	-40	6.7	31.37	-24.67	0-360	Face-Off
2	1.6255	23.03	Pk	43.4	-31.9	-40	-5.47	23.41	-28.88	0-360	Face-On
6	3.2623	15.48	Pk	38.3	-31.9	-40	-18.12	29.5	-47.62	0-360	Face-Off
3	3.2644	20.54	Pk	38.3	-31.9	-40	-13.06	29.5	-42.56	0-360	Face-On

Pk - Peak detector

Note: no power transmission on 326.5KHz during the standby mode

OPERATING WITH WATCH at 326.5kHz Frequency



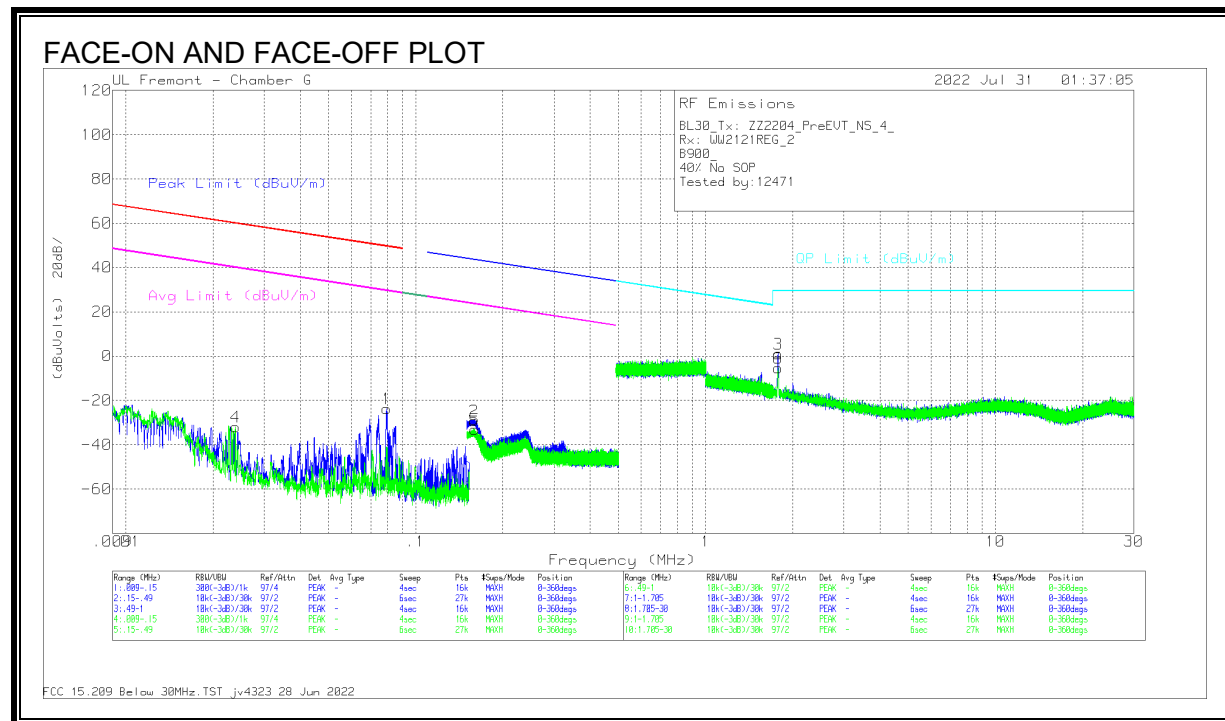
DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity
5	.0241	21.98	Pk	58.7	-31.7	-80	-31.02	59.96	-90.98	39.96	-70.98	-	-	-	-	0-360	Face-Off
6	.0392	14.26	Pk	57.4	-32	-80	-40.34	55.73	-86.07	35.73	-76.07	-	-	-	-	0-360	Face-Off
4	.068	25.14	Pk	56	-32.1	-80	-30.96	50.94	-81.9	30.94	-61.9	-	-	-	-	0-360	Face-Off
3	.0825	26.19	Pk	55.7	-32.1	-80	-30.21	49.26	-79.47	29.26	-59.47	-	-	-	-	0-360	Face-On
1	.333	25.1	Pk	56.2	-32	-80	-30.7	-	-	-	-	37.16	-67.86	17.16	-47.86	0-360	Face-On
2	.3331	21.62	Pk	56.2	-32	-80	-34.18	-	-	-	-	37.16	-71.34	17.16	-51.34	0-360	Face-On

Pk - Peak detector

Note: Emissions from Markers 3, 4, 5, and 6 are not from the EUT. After further investigation, it was confirmed they were emitted from the AC/DC adapter which is not a part of the EUT.

OPERATING WITH WATCH at 1.778MHz Frequency



DATA

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Dist Corr 300m (dB)	Corrected Reading (dBuV/m)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Margin (dB)	Avg Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity
4	.0239	21	Pk	58.7	-31.7	-80	-32	60.02	-92.02	40.02	-72.02	-	-	-	-	0-360	Face-Off
1	.0783	32.68	Pk	55.7	-32.1	-80	-23.72	49.6	-73.32	29.6	-53.32	-	-	-	-	0-360	Face-On
2	.1594	26.02	Pk	56	-32.1	-80	-29.10	-	-	-	-	43.57	-72.75	23.57	-52.75	0-360	Face-On
5	.1601	23.05	Pk	56	-32.1	-80	-33.05	-	-	-	-	43.53	-76.58	23.53	-56.58	0-360	Face-Off

Pk - Peak detector

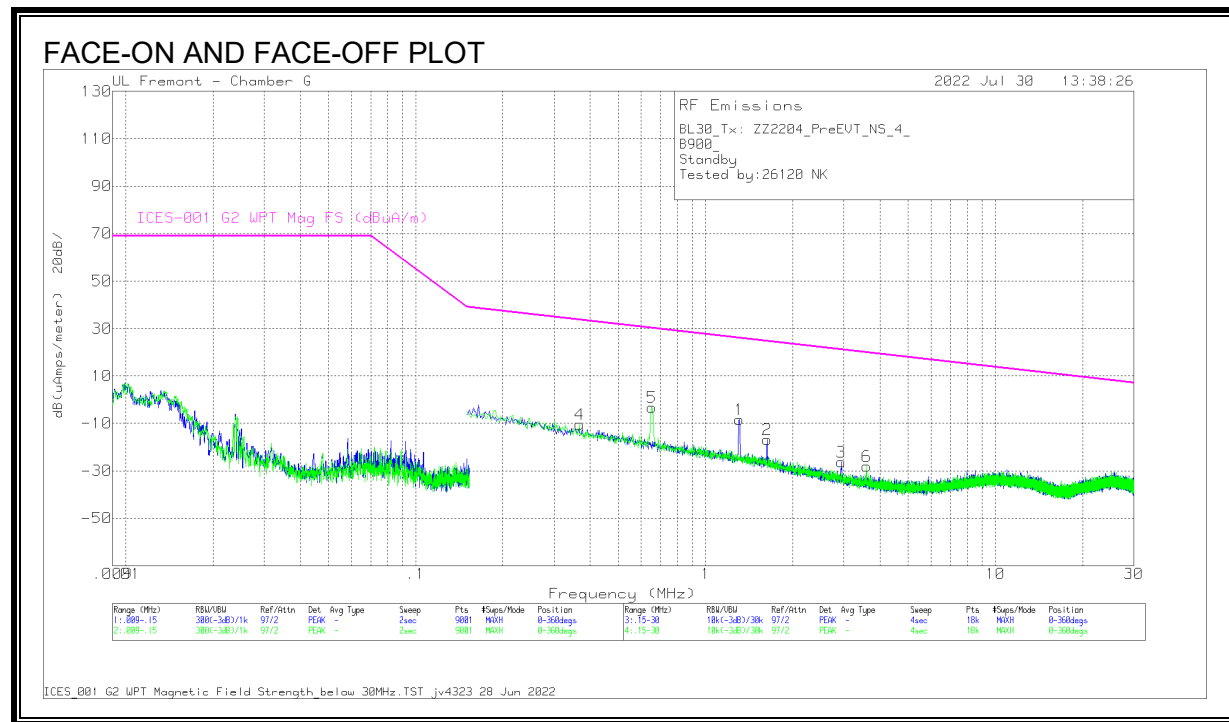
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Dist Corr 30m (dB)	Corrected Reading (dBuV/m)	QP Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Polarity
3	1.7784	30.18	Pk	42.7	-31.9	-40	.98	29.5	-28.52	0-360	Face-On
6	1.7794	23.87	Pk	42.6	-31.9	-40	-5.43	29.5	-34.93	0-360	Face-Off

Pk - Peak detector

Note: Emissions from Markers 1 and 4 are not from the EUT. After further investigation, it was confirmed they were emitted from the AC/DC adapter which is not a part of the EUT.

8.1.2. IC / CISPR11 TX FUNDAMENTAL AND SPURIOUS EMISSIONS FROM 9 kHz TO 30 MHz

STANDBY CONFIGURATION at 326.5kHz Frequency



DATA

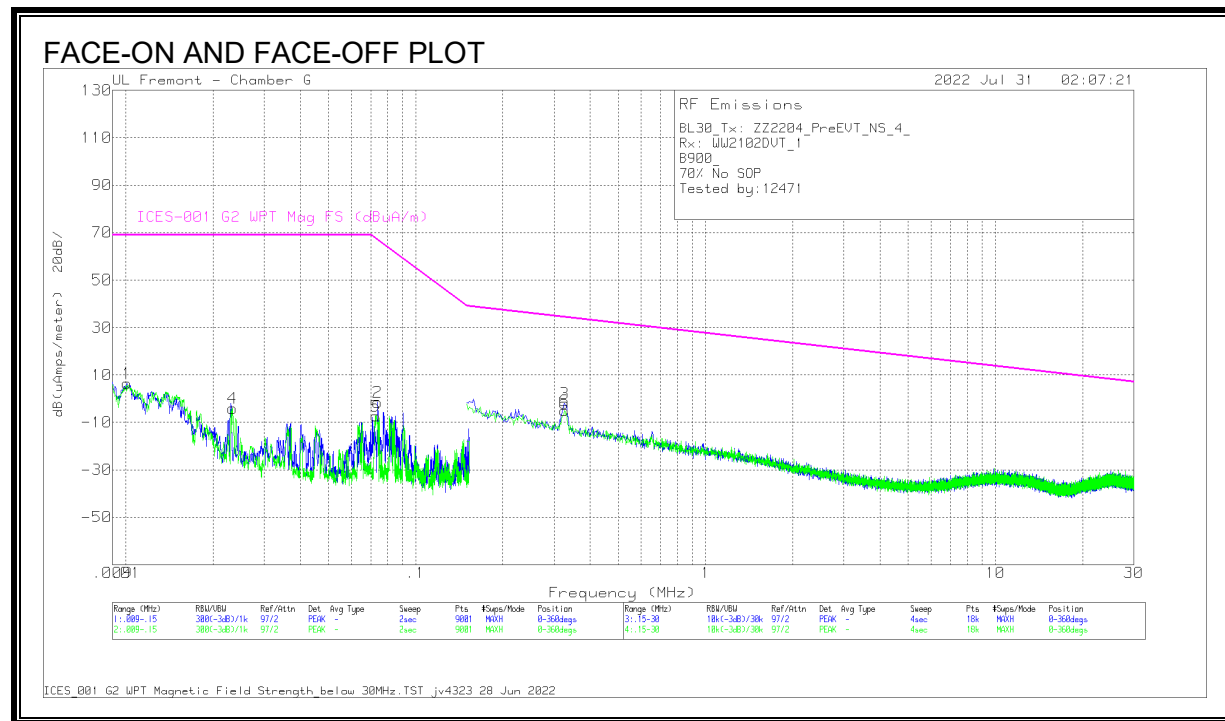
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Corrected Reading (dBuA/m)	ICES-001 G2 WPT Mag FS (dBuA/m)	Margin (dB)	Azimuth (Degs)	Polarity
4	.3672	18.31	Pk	3.2	-32	-10.49	33.59	-44.08	0-360	Face-Off
5	.6524	30.18	Pk	-1.4	-32	-3.22	30.12	-33.34	0-360	Face-Off
1	1.3056	29.95	Pk	-6.3	-31.9	-8.25	25.93	-34.18	0-360	Face-On
2	1.6306	23.1	Pk	-8	-31.9	-16.8	24.59	-41.39	0-360	Face-On
3	2.9338	18.25	Pk	-12.6	-31.9	-26.25	21.04	-47.29	0-360	Face-On
6	3.592	17.55	Pk	-13.7	-31.9	-28.05	19.82	-47.87	0-360	Face-Off

Pk - Peak detector

Note: no power transmission on 326.5KHz during the standby mode

OPERATING WITH WATCH at 326.5kHz Frequency



DATA

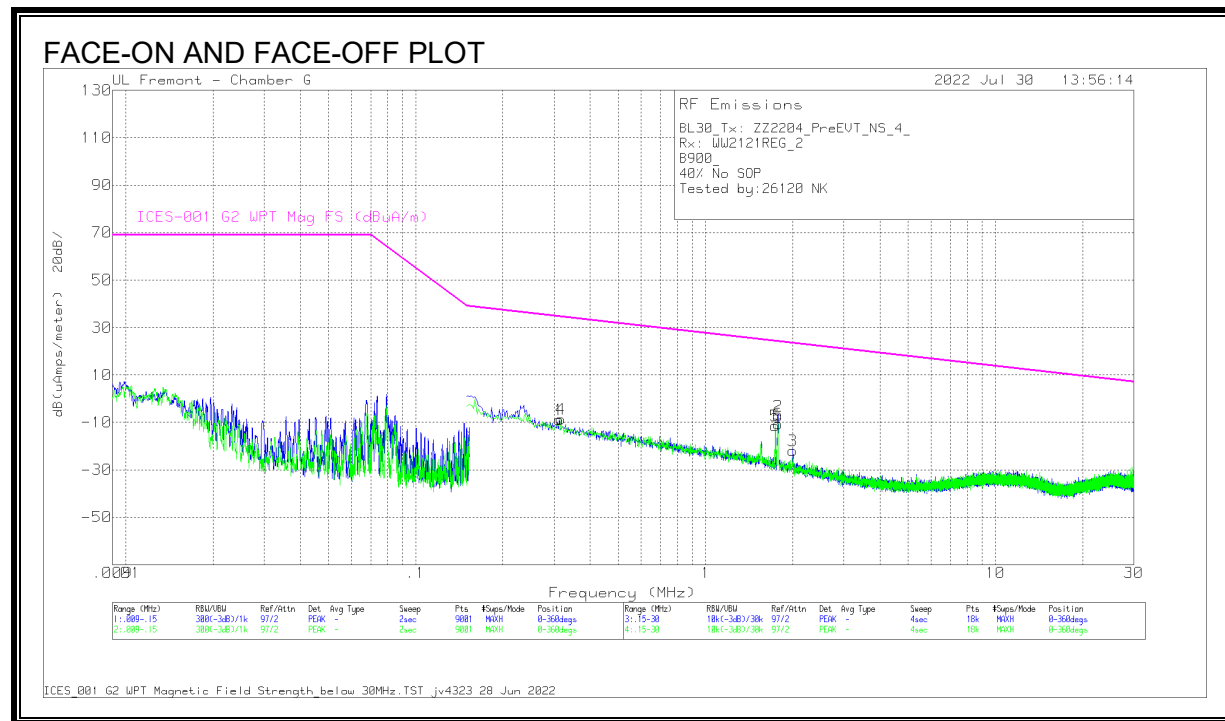
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Corrected Reading (dBuA/m)	ICES-001 G2 WPT Mag FS (dBuA/m)	Margin (dB)	Azimuth (Degs)	Polarity
1	.0101	27.81	Pk	9	-30.2	6.61	69	-62.39	0-360	Face-On
4	.0233	20.28	Pk	7.3	-31.7	-4.12	69	-73.12	0-360	Face-Off
5	.0728	20.47	Pk	4.4	-32.1	-7.23	67.45	-74.68	0-360	Face-Off
2	.0739	26.14	Pk	4.4	-32.1	-1.56	66.87	-68.43	0-360	Face-On
3	.3258	25.8	Pk	4.3	-32	-1.9	34.32	-36.22	0-360	Face-On
6	.3258	22.67	Pk	4.3	-32	-5.03	34.32	-39.35	0-360	Face-Off

Pk - Peak detector

Note: Emissions from Markers 1, 2, 4, 5 are not from the EUT. After further investigation, it was confirmed they were emitted from the AC/DC adapter which is not a part of the EUT.

OPERATING WITH WATCH at 1.778MHz Frequency



DATA

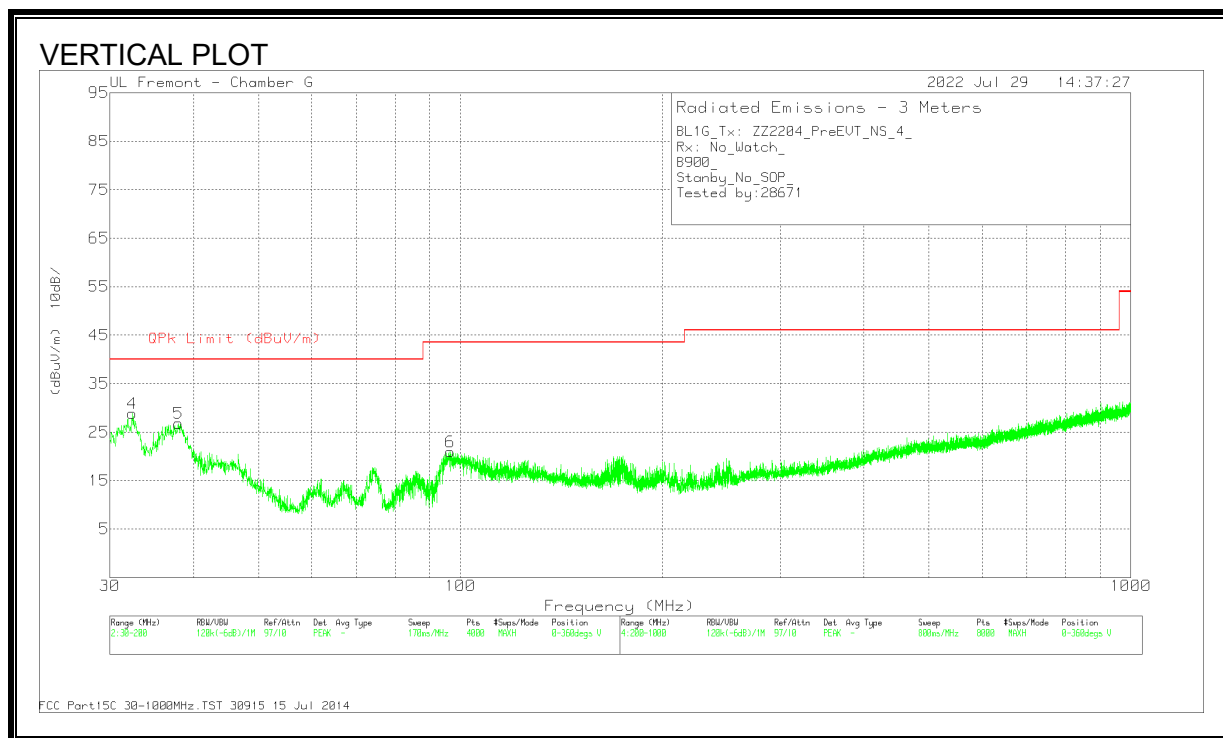
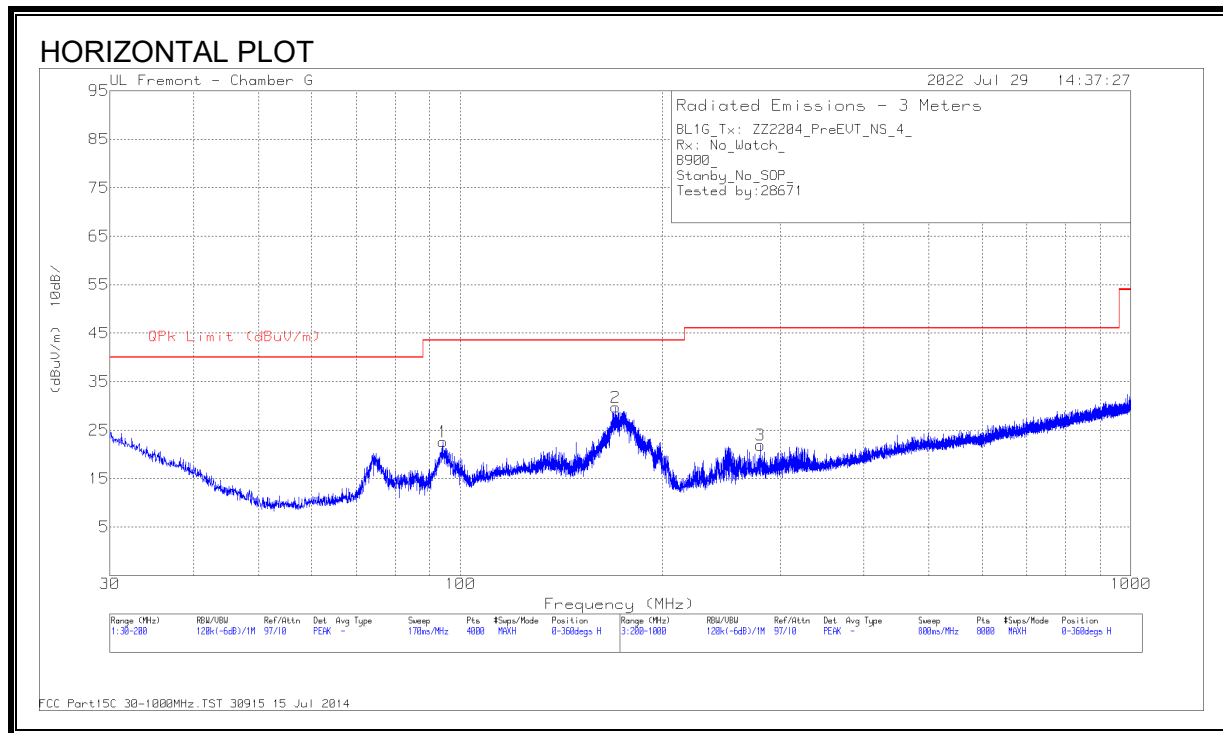
Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	Loop Antenna (dB/m)	Cables w/T834 (dB)	Corrected Reading (dBuA/m)	ICES-001 G2 WPT Mag FS (dBuA/m)	Margin (dB)	Azimuth (Degs)	Polarity
1	.3125	18.64	Pk	4.6	-32	-8.76	34.57	-43.33	0-360	Face-On
4	.3175	18.87	Pk	4.5	-32	-8.63	34.47	-43.1	0-360	Face-Off
5	1.7384	29.07	Pk	-8.5	-31.9	-11.33	24.2	-35.53	0-360	Face-Off
6	1.7782	30.04	Pk	-8.7	-31.9	-10.56	24.07	-34.63	0-360	Face-Off
2	1.7815	33.26	Pk	-8.8	-31.9	-7.44	24.05	-31.49	0-360	Face-On
3	2.002	19.94	Pk	-9.9	-31.9	-21.86	23.35	-45.21	0-360	Face-On

Pk - Peak detector

8.1.3. FCC TX SPURIOUS EMISSION 30 TO 1000 MHz

STANDBY CONFIGURATION at 326.5kHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 170.541	42.02	Pk	17.7	-30	29.72	43.52	-13.8	0-360	199	H
5	* 37.9496	36.79	Pk	21.2	-31.2	26.79	40	-13.21	0-360	100	V
3	* 280.11	32	Pk	19.2	-29.3	21.9	46.02	-24.12	0-360	99	H
4	32.4231	34.83	Pk	25.3	-31.3	28.83	40	-11.17	0-360	100	V
1	94.1491	38.69	Pk	14.5	-30.6	22.59	43.52	-20.93	0-360	299	H
6	96.5297	36.45	Pk	15.1	-30.6	20.95	43.52	-22.57	0-360	100	V

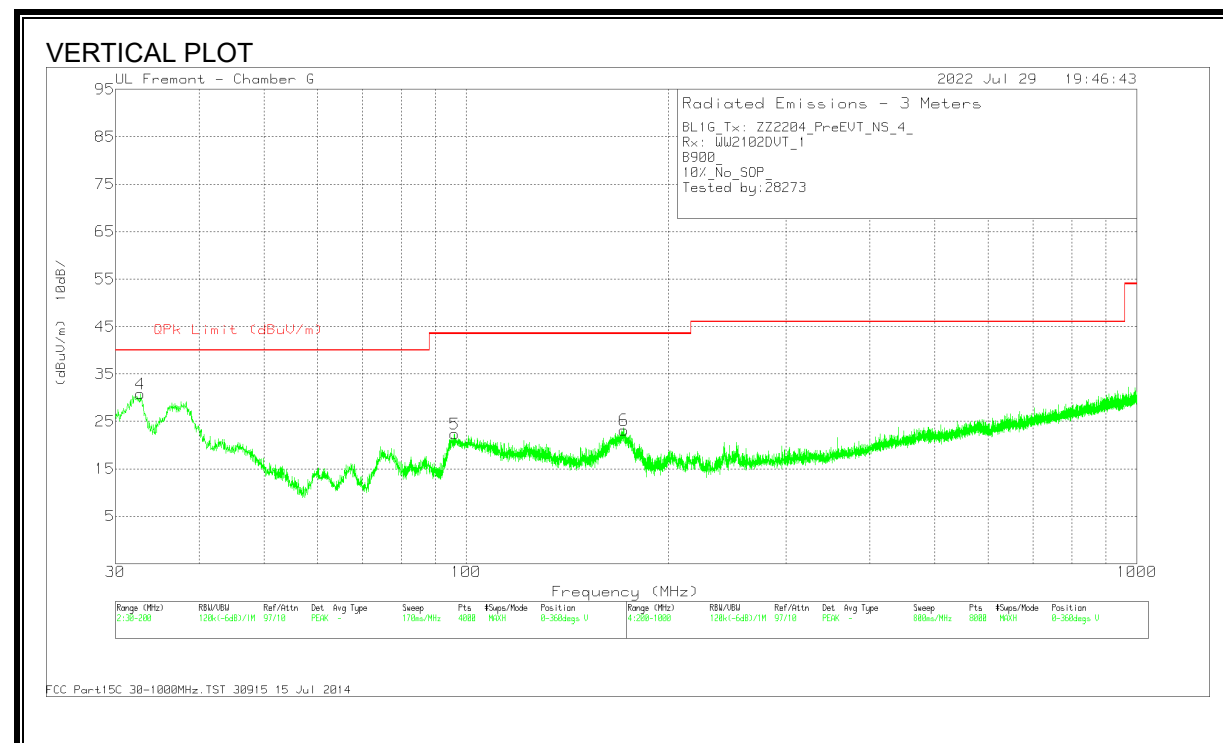
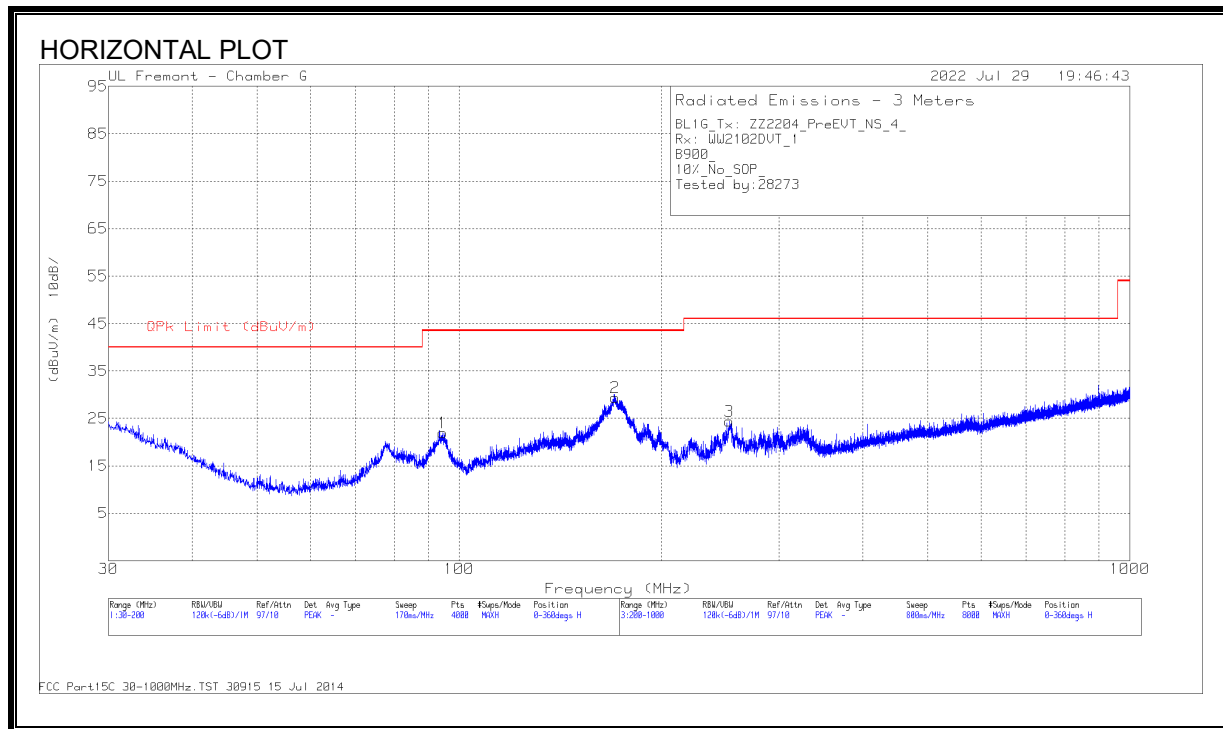
* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 38.0786	32.36	Qp	21.1	-31.2	22.26	40	-17.74	304	102	V
* 267.398	26.07	Qp	18.8	-29.4	15.47	46.02	-30.55	313	144	H
31.8831	28.12	Qp	25.7	-31.3	22.52	40	-17.48	255	119	V
94.9141	33.8	Qp	14.7	-30.6	17.9	43.52	-25.62	62	315	H
95.1077	32.21	Qp	14.7	-30.6	16.31	43.52	-27.21	9	100	V
175.471	37.24	Qp	17.4	-30	24.64	43.52	-18.88	355	132	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Qp - Quasi-Peak detector

OPERATING WITH WATCH at 326.5kHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 170.796	41.75	Pk	17.7	-30	29.45	43.52	-14.07	0-360	199	H
6	* 171.774	35.6	Pk	17.6	-30	23.2	43.52	-20.32	0-360	100	V
3	* 253.007	36.57	Pk	17.3	-29.4	24.47	46.02	-21.55	0-360	99	H
4	32.6357	36.95	Pk	25.2	-31.3	30.85	40	-9.15	0-360	100	V
1	94.5317	37.96	Pk	14.6	-30.6	21.96	43.52	-21.56	0-360	299	H
5	96.1896	38.02	Pk	15	-30.6	22.42	43.52	-21.1	0-360	100	V

Pk - Peak detector

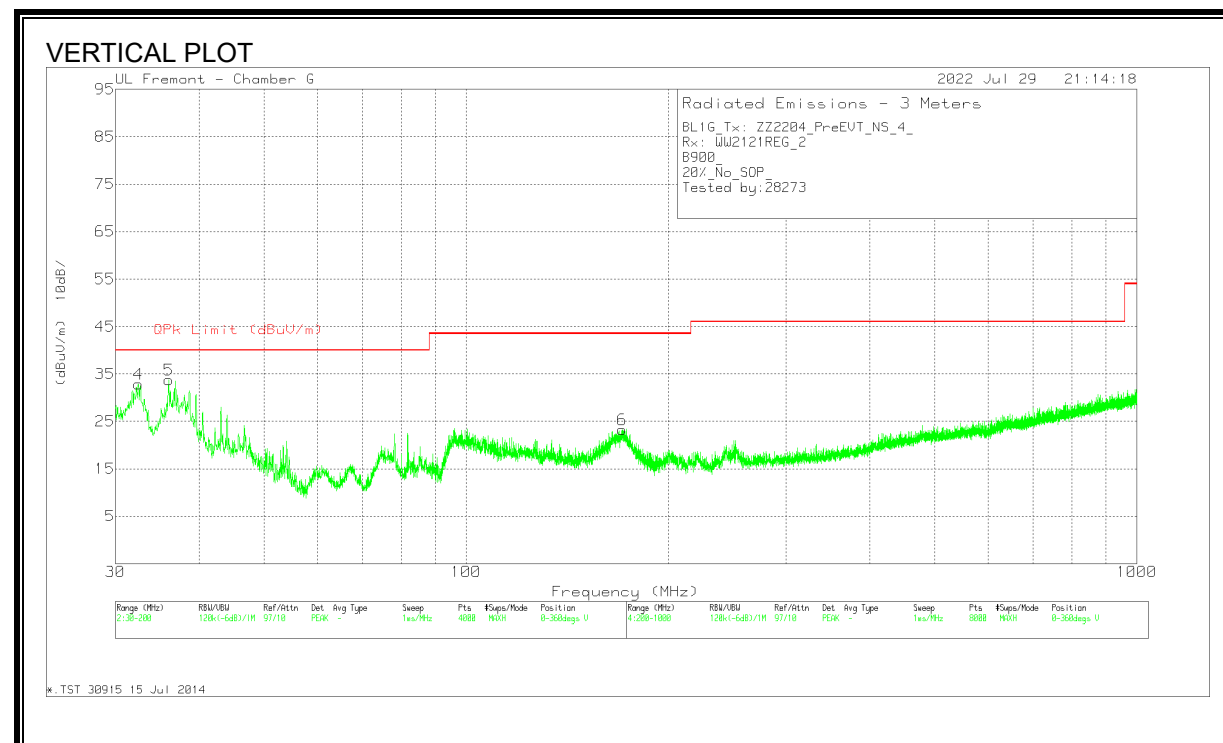
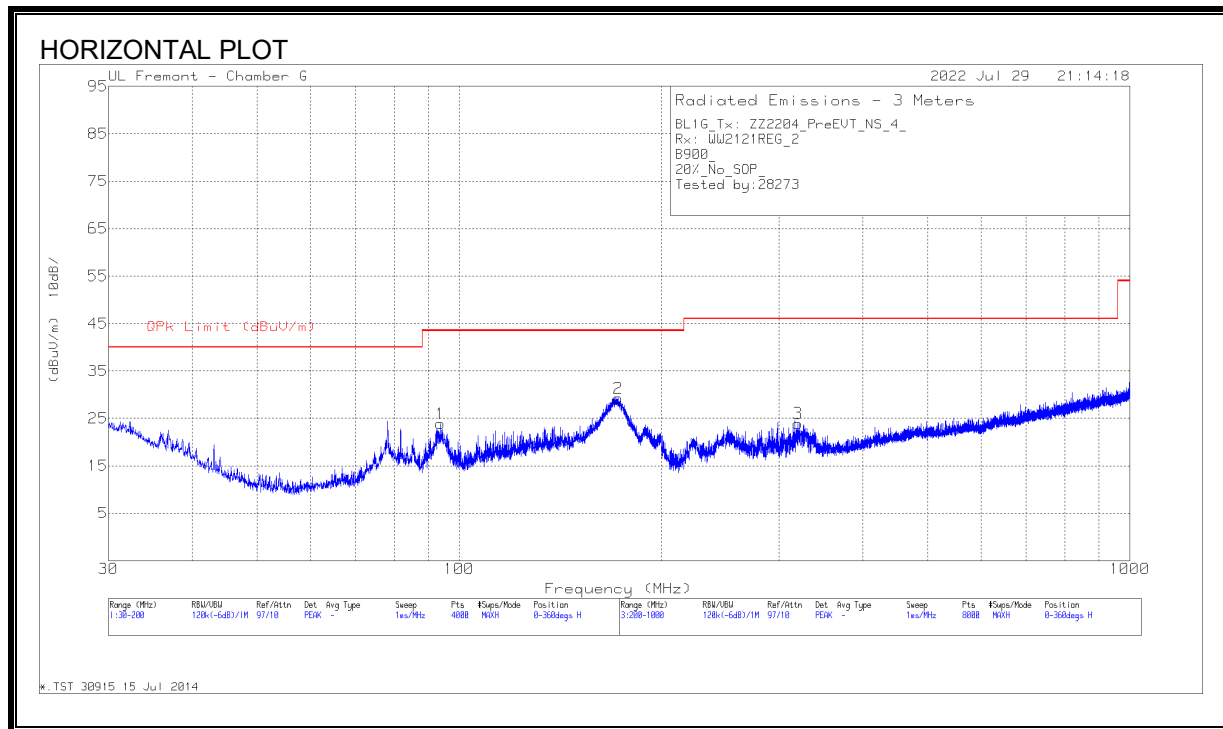
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 170.728	39.15	Qp	17.7	-30	26.85	43.52	-16.67	160	170	H
* 171.196	30.98	Qp	17.7	-30	18.68	43.52	-24.84	214	101	V
* 253.582	33.15	Qp	17.3	-29.4	21.05	46.02	-24.97	128	102	H
31.9997	33.4	Qp	25.6	-31.3	27.7	40	-12.3	307	104	V
94.0637	33.41	Qp	14.5	-30.6	17.31	43.52	-26.21	87	291	H
95.7846	33.77	Qp	14.9	-30.6	18.07	43.52	-25.45	174	100	V

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band

Qp - Quasi-Peak detector

OPERATING WITH WATCH at 1.778MHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
2	* 172.624	41.71	Pk	17.6	-30	29.31	43.52	-14.21	0-360	199	H
6	* 170.796	35.62	Pk	17.7	-30	23.32	43.52	-20.2	0-360	100	V
4	32.4656	38.89	Pk	25.3	-31.3	32.89	40	-7.11	0-360	100	V
5	35.9941	42.24	Pk	22.7	-31.2	33.74	40	-6.26	0-360	100	V
1	93.7665	40.09	Pk	14.4	-30.6	23.89	43.52	-19.63	0-360	199	H
3	320.016	33.17	Pk	19.8	-29	23.97	46.02	-22.05	0-360	100	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Pk - Peak detector

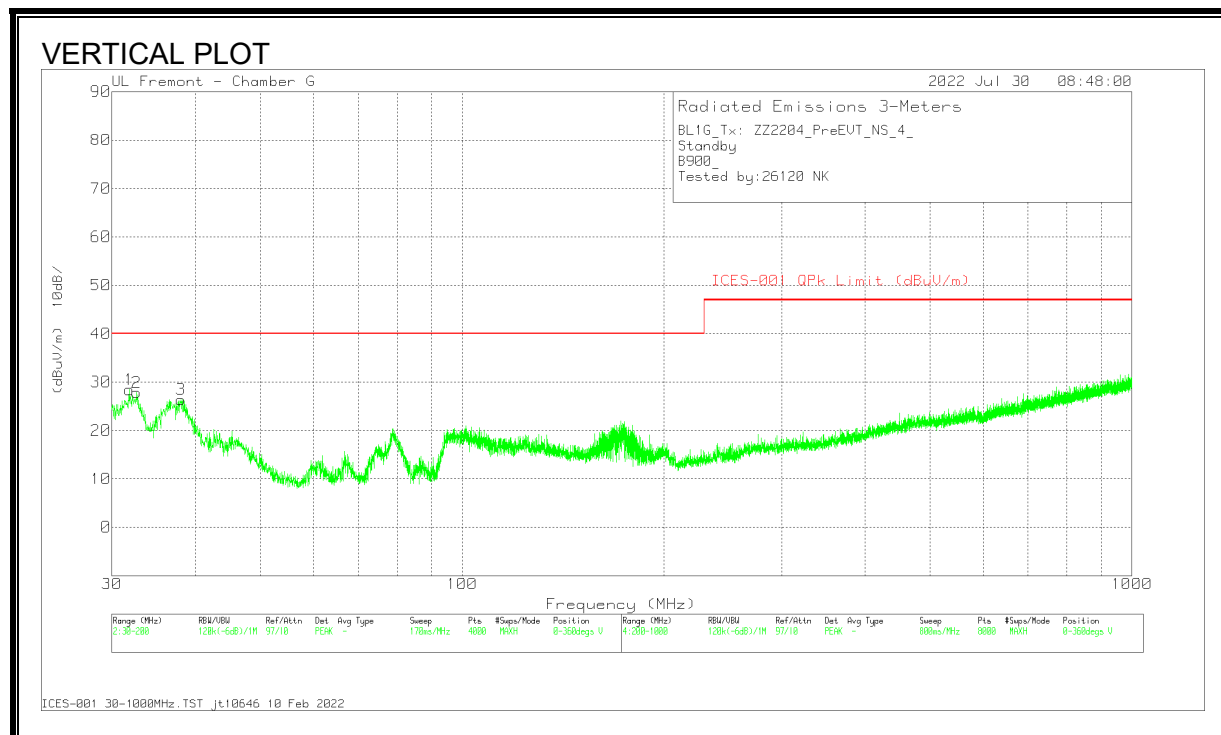
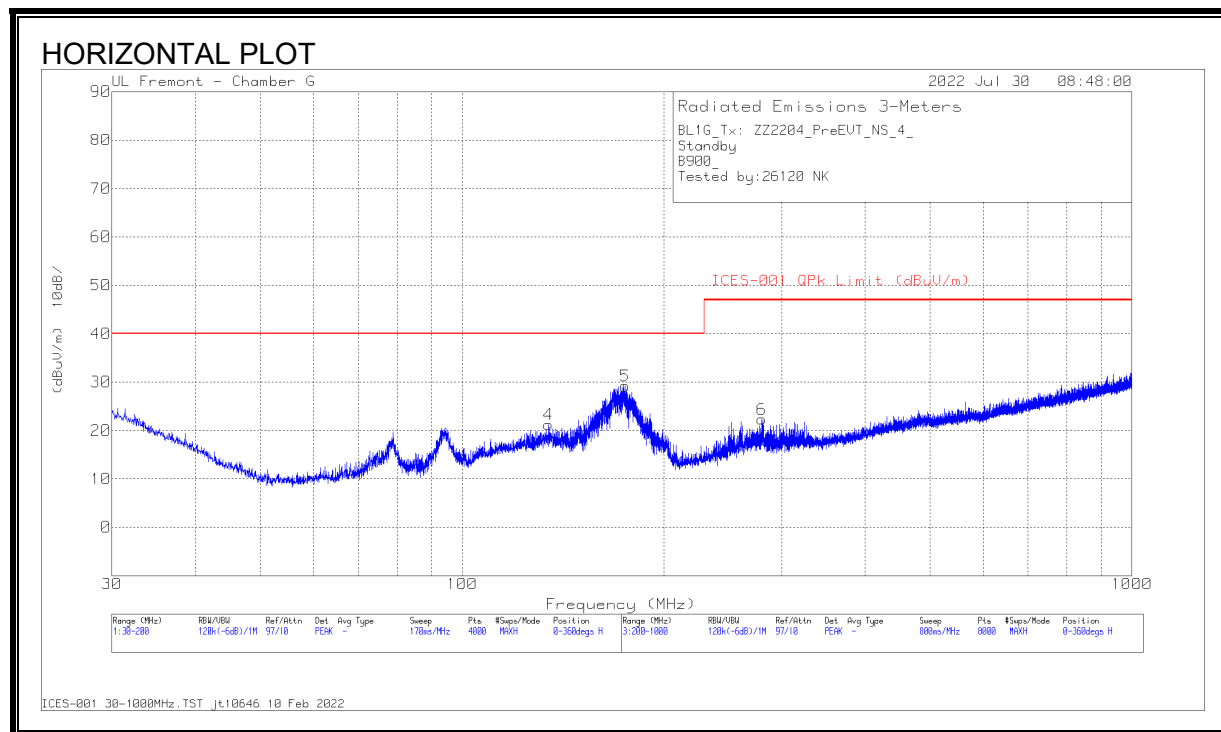
Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
* 169.011	32.24	Qp	17.8	-30	20.04	43.52	-23.48	197	256	V
32.3966	33.99	Qp	25.4	-31.3	28.09	40	-11.91	3	101	V
37.4581	33.32	Qp	21.6	-31.2	23.72	40	-16.28	4	113	V
93.7665	27.26	Qp	14.4	-30.6	11.06	43.52	-32.46	259	103	H
173.95	37.88	Qp	17.5	-30	25.38	43.52	-18.14	168	159	H
320.346	25.95	Qp	19.8	-29	16.75	46.02	-29.27	123	103	H

* - indicates frequency in CFR47 Pt 15 / IC RSS-Restricted Band
Qp - Quasi-Peak detector

8.1.4. IC / CISPR11 TX SPURIOUS EMISSION 30 TO 1000 MHz

STANDBY CONFIGURATION at 326.5kHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	31.8705	34.05	Pk	25.7	-31.3	28.45	40	-11.55	0-360	100	V
2	32.6782	33.97	Pk	25.2	-31.3	27.87	40	-12.13	0-360	100	V
3	38.0771	36.53	Pk	21.1	-31.2	26.43	40	-13.57	0-360	100	V
4	134.705	32.23	Pk	19.3	-30.3	21.23	40	-18.77	0-360	199	H
5	175.218	41.81	Pk	17.4	-30	29.21	40	-10.79	0-360	199	H
6	280.31	32.32	Pk	19.2	-29.2	22.32	47	-24.68	0-360	100	H

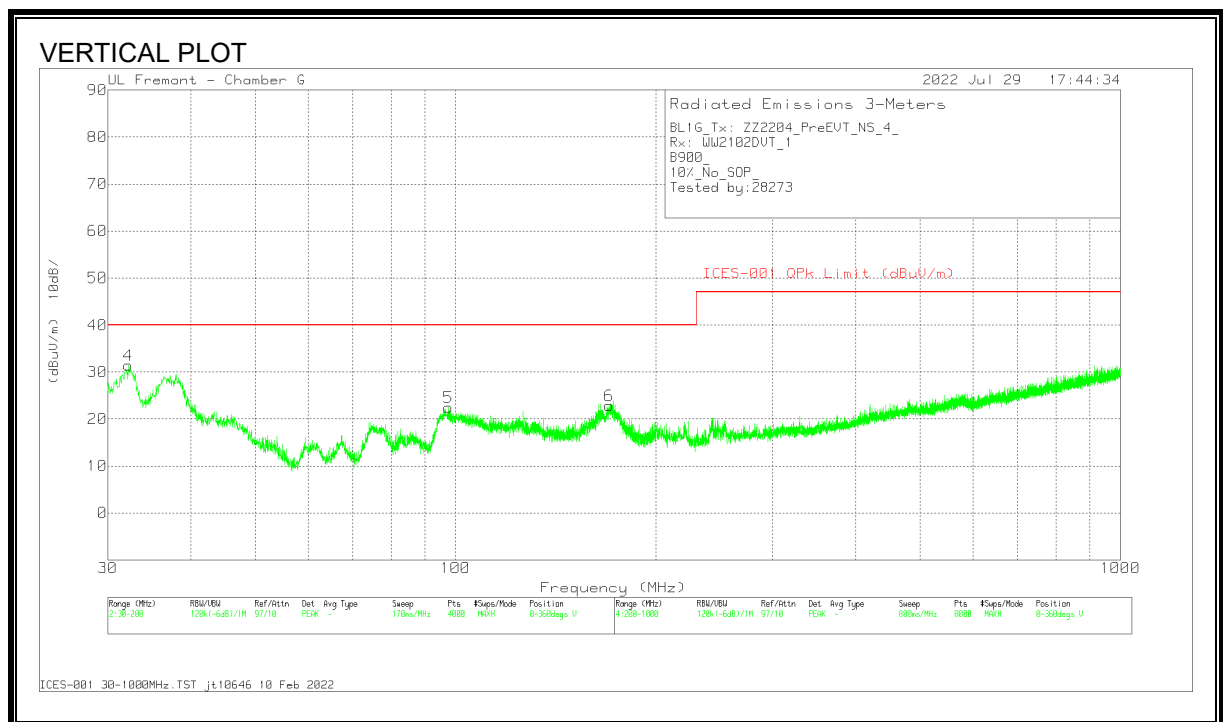
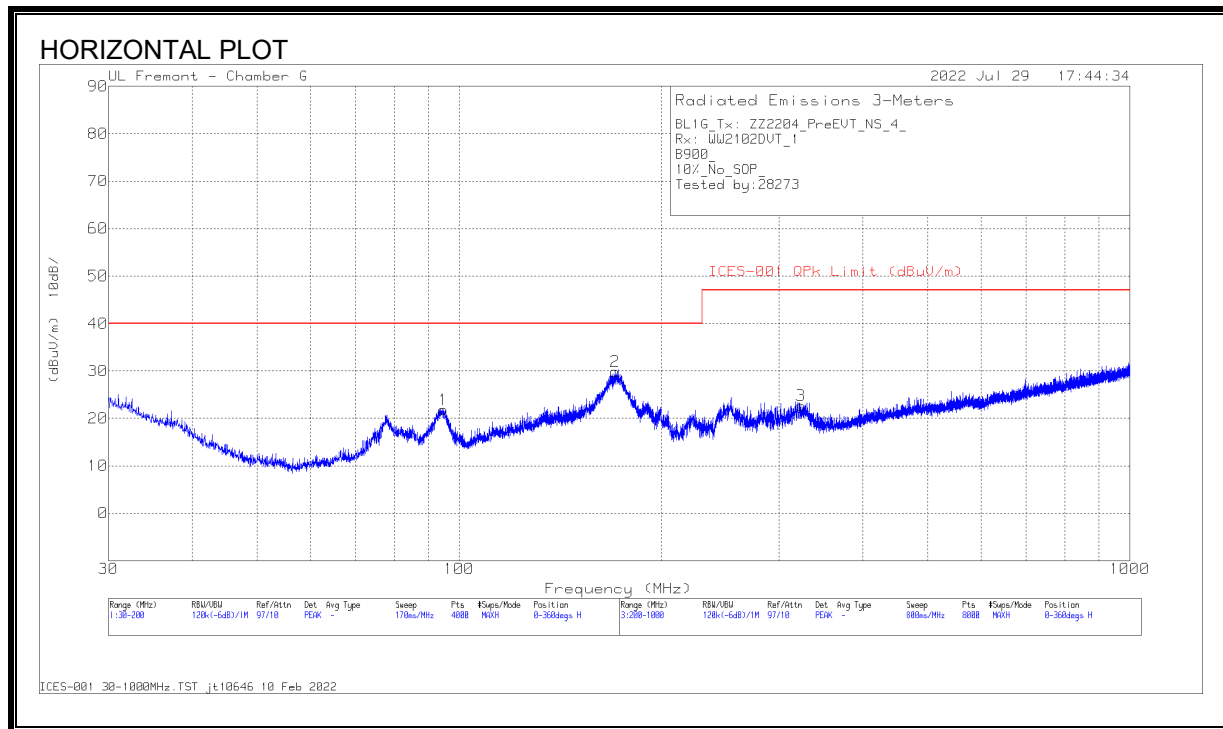
Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.041	26.99	Qp	25.6	-31.3	21.29	40	-18.71	199	134	V
32.5939	28.1	Qp	25.2	-31.3	22	40	-18	264	105	V
37.8753	29.81	Qp	21.3	-31.2	19.91	40	-20.09	212	118	V
137.156	25.39	Qp	19.1	-30.3	14.19	40	-25.81	129	222	H
174.604	35.39	Qp	17.4	-30	22.79	40	-17.21	175	101	H
281.264	24.11	Qp	19.2	-29.2	14.11	47	-32.89	240	136	H

Qp - Quasi-Peak detector

OPERATING WITH WATCH at 326.5kHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
4	32.2106	37.19	Pk	25.5	-31.3	31.39	40	-8.61	0-360	100	V
1	94.7017	37.89	Pk	14.6	-30.6	21.89	40	-18.11	0-360	199	H
5	97.635	37.64	Pk	15.4	-30.6	22.44	40	-17.56	0-360	100	V
6	170.116	35.17	Pk	17.7	-30	22.87	40	-17.13	0-360	100	V
2	170.754	42.24	Pk	17.7	-30	29.94	40	-10.06	0-360	199	H
3	323.416	32.06	Pk	19.8	-29.1	22.76	47	-24.24	0-360	99	H

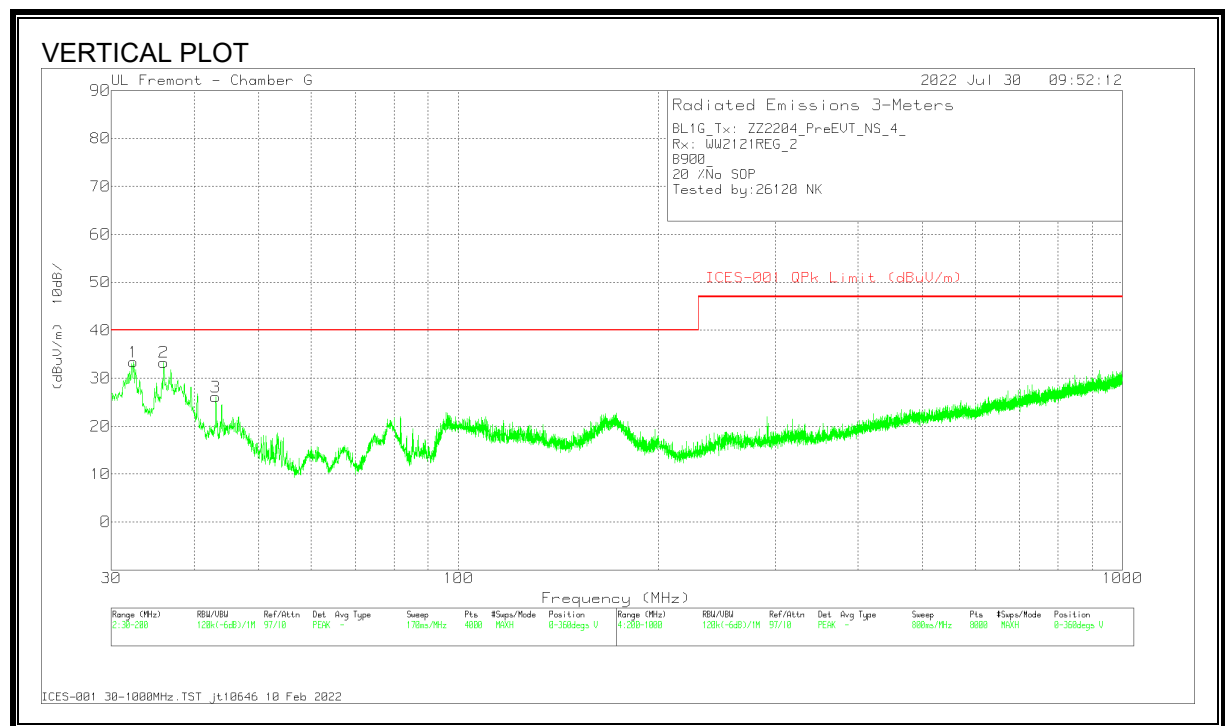
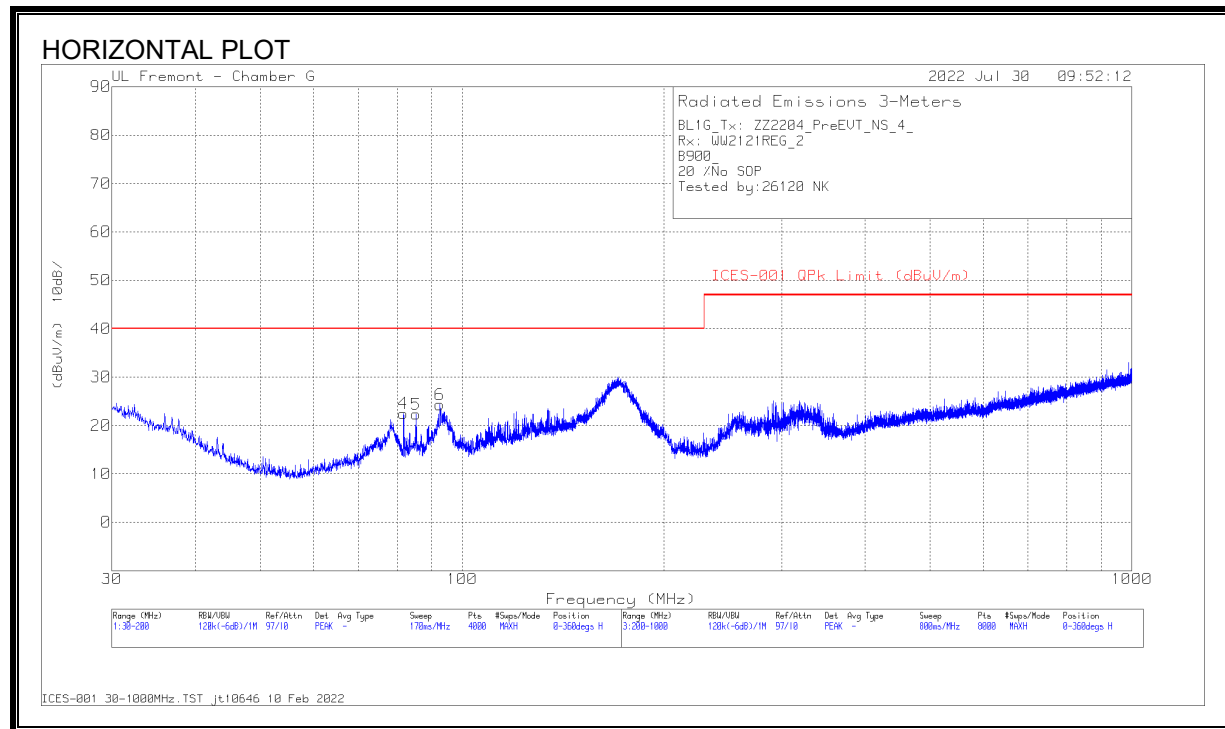
Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.3366	34.48	Qp	25.4	-31.3	28.58	40	-11.42	241	103	V
94.962	33.89	Qp	14.7	-30.6	17.99	40	-22.01	197	101	V
95.0077	32.19	Qp	14.7	-30.6	16.29	40	-23.71	100	103	H
169.674	33.66	Qp	17.7	-30	21.36	40	-18.64	193	250	V
171.077	39.54	Qp	17.7	-30	27.24	40	-12.76	159	148	H
323.589	25.42	Qp	19.8	-29.1	16.12	47	-30.88	134	167	H

Qp - Quasi-Peak detector

OPERATING WITH WATCH at 1.778MHz Frequency



DATA

Trace Markers

Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
1	32.4231	39.37	Pk	25.3	-31.3	33.37	40	-6.63	0-360	100	V
2	35.9941	41.83	Pk	22.7	-31.2	33.33	40	-6.67	0-360	100	V
3	43.0934	39.89	Pk	17.4	-31.2	26.09	40	-13.91	0-360	100	V
4	81.7784	40.02	Pk	13.2	-30.7	22.52	40	-17.48	0-360	299	H
5	85.3493	39.94	Pk	13.1	-30.7	22.34	40	-17.66	0-360	399	H
6	92.6612	40.82	Pk	14.1	-30.6	24.32	40	-15.68	0-360	199	H

Pk - Peak detector

Radiated Emissions

Frequency (MHz)	Meter Reading (dBuV)	Det	AF 80714 (dB/m)	Amp Cbl (dB)	Corrected Reading (dBuV/m)	ICES-001 QPk Limit (dBuV/m)	Margin (dB)	Azimuth (Degs)	Height (cm)	Polarity
32.6436	33.16	Qp	25.2	-31.3	27.06	40	-12.94	313	101	V
36.8759	37.22	Qp	22.1	-31.2	28.12	40	-11.88	249	101	V
43.1236	31.59	Qp	17.4	-31.2	17.79	40	-22.21	310	132	V
81.7646	22.59	Qp	13.2	-30.7	5.09	40	-34.91	10	364	H
84.2563	28.13	Qp	13.1	-30.7	10.53	40	-29.47	281	323	H
94.0233	35.32	Qp	14.5	-30.6	19.22	40	-20.78	128	286	H

Qp - Quasi-Peak detector

9. AC POWER LINE CONDUCTED EMISSIONS

LIMITS

FCC §15.207 (a)

RSS-Gen 8.8

Frequency of Emission (MHz)	Conducted Limit (dBµV)	
	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.

ICES-001 Issue 5 Table 1:

Table 1: Conducted emission limits for induction cooking appliances (AC mains terminals)

Frequency range (MHz)	Appliances rated 100 V, without an earth connection Quasi-peak (dBµV)	Appliances rated 100 V, without an earth connection Average (dBµV)	All other appliances Quasi-peak (dBµV)	All other appliances Average (dBµV)
0.009 – 0.05	122	—	110	—
0.05 – 0.15	102 to 92 *	—	90 to 80 *	—
0.15 – 0.5	72 to 62 *	62 to 52 *	66 to 56 *	56 to 46 *
0.5 – 5	56	46	56	46
5 – 30	60	50	60	50
Note: The more stringent limit applies at transition frequencies. * The limit level in dBµV decreases linearly with the logarithm of frequency.				

TEST PROCEDURE

The EUT is placed on a non-conducting table 40 cm from the vertical ground plane and 80 cm above the horizontal ground plane. The EUT is configured in accordance with ANSI C63.10.

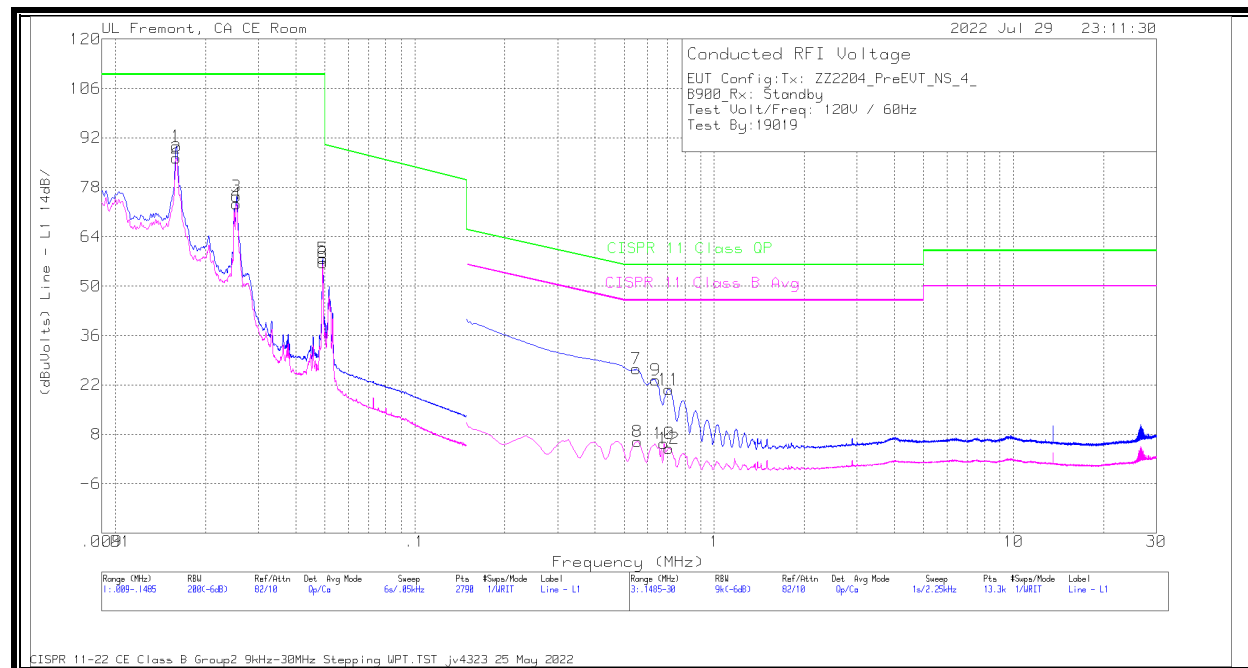
The receiver is set to a resolution bandwidth of 9 kHz. Peak detection is used unless otherwise noted as quasi-peak or average.

Line conducted data is recorded for both NEUTRAL and HOT lines.

RESULTS

9.1.1. STANDBY MODE POWERED BY AC/DC ADAPTER

LINE 1 RESULTS



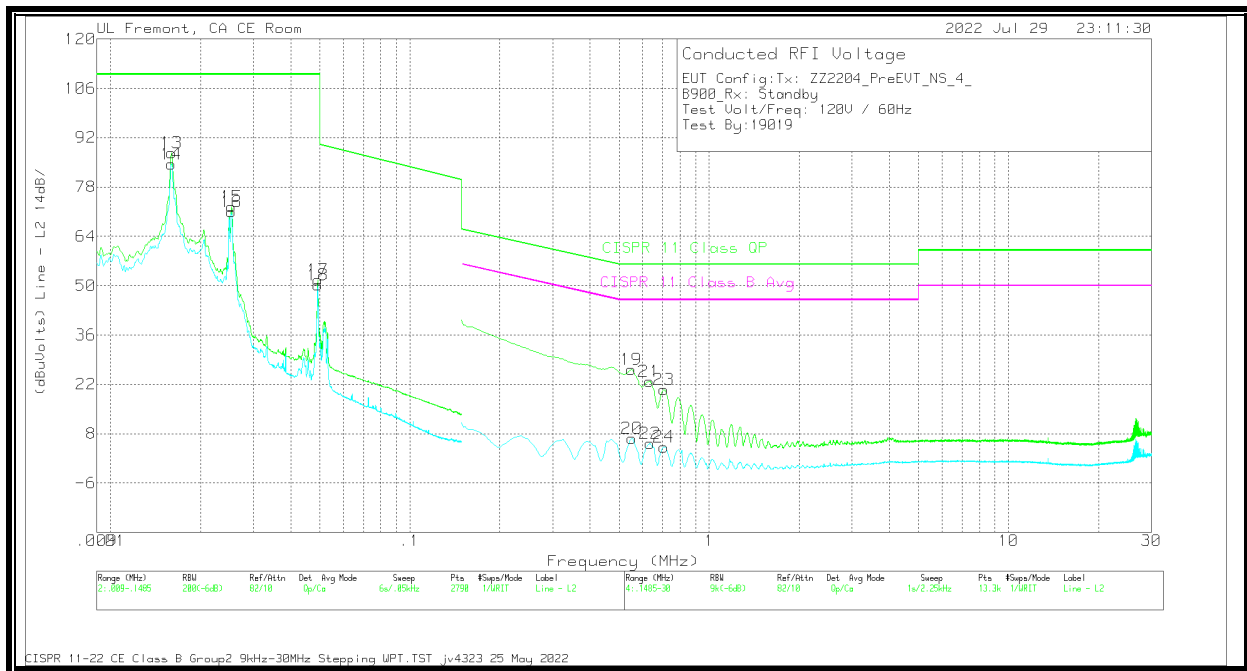
WORST EMISSIONS

Range 1: Line - L1 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
2	.016	72.62	Ca	2.8	0	10.9	86.32	-	-	-	-
4	.0253	61.05	Ca	1.5	0	10.8	73.35	-	-	-	-
6	.0493	46.33	Ca	.4	0	9.9	56.63	-	-	-	-
1	.016	75.88	Qp	2.8	0	10.9	89.58	110	-20.42	-	-
3	.0254	63.19	Qp	1.5	0	10.8	75.49	110	-34.51	-	-
5	.0493	47.57	Qp	.4	0	9.9	57.87	110	-52.13	-	-

Range 3: Line - L1 .1485 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
8	.5535	-3.4	Ca	0	.1	9.3	6	-	-	46	-40
10	.6795	-3.98	Ca	0	.1	9.3	5.42	-	-	46	-40.58
12	.7065	-5.35	Ca	0	.1	9.3	4.05	-	-	46	-41.95
7	.549	17.1	Qp	0	.1	9.3	26.5	56	-29.5	-	-
9	.6368	14	Qp	0	.1	9.3	23.4	56	-32.6	-	-
11	.7043	11.34	Qp	0	.1	9.3	20.74	56	-35.26	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line - L2 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBUV	CISPR 11 Class QP dBUV	Margin (dB)	CISPR 11 Class B Avg dBUV	Margin (dB)
14	.016	71.09	Ca	2.5	0	10.9	84.49	-	-	-	-
16	.0253	58.75	Ca	1.4	0	10.8	70.95	-	-	-	-
18	.0493	39.93	Ca	.3	0	9.9	50.13	-	-	-	-
13	.016	74.27	Qp	2.5	0	10.9	87.67	110	-22.33	-	-
15	.0254	60.29	Qp	1.4	0	10.8	72.49	110	-37.51	-	-
17	.0493	41.37	Qp	.3	0	10	51.67	110	-58.33	-	-

Range 4: Line - L2 .1485 - 30MHz

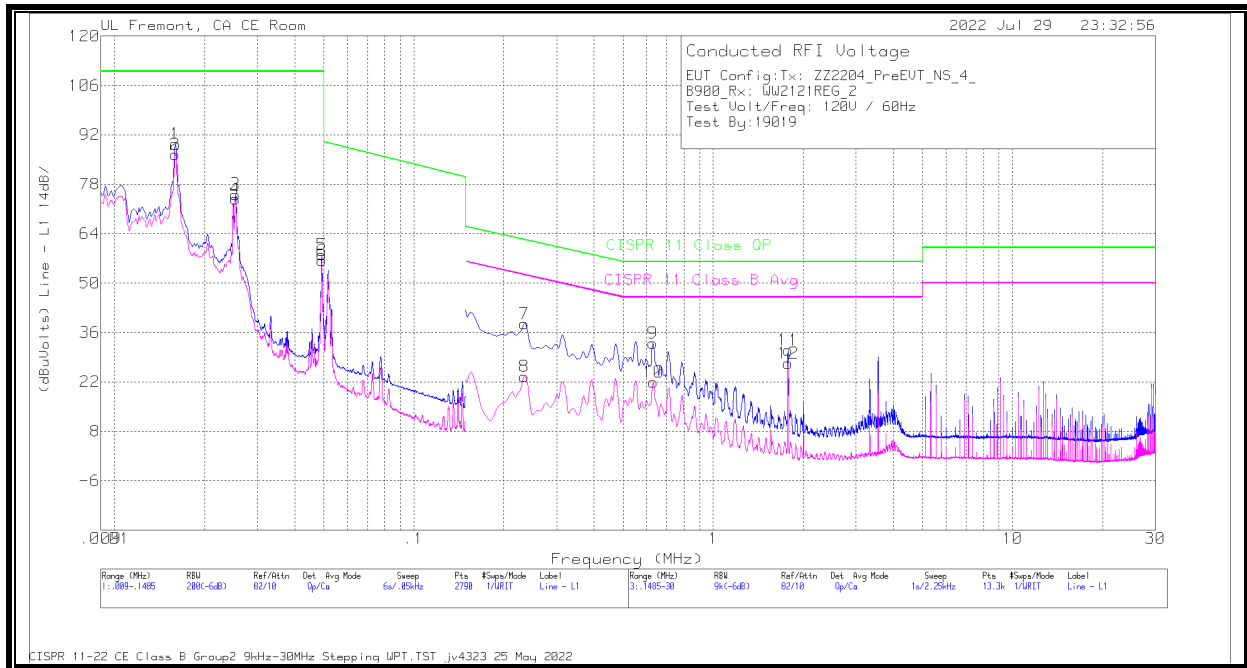
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBUV	CISPR 11 Class QP dBUV	Margin (dB)	CISPR 11 Class B Avg dBUV	Margin (dB)
20	.5524	-2.81	Ca	0	.1	9.3	6.59	-	-	46	-39.41
22	.6334	-4.17	Ca	0	.1	9.3	5.23	-	-	46	-40.77
24	.7054	-5.13	Ca	0	.1	9.3	4.27	-	-	46	-41.73
19	.549	16.76	Qp	0	.1	9.3	26.16	56	-29.84	-	-
21	.63	13.49	Qp	0	.1	9.3	22.89	56	-33.11	-	-
23	.7065	11.07	Qp	0	.1	9.3	20.47	56	-35.53	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection

9.1.2. OPERATING MODE (1.778MHz) WITH WATCH POWERED BY AC/DC ADAPTER

LINE 1 RESULTS



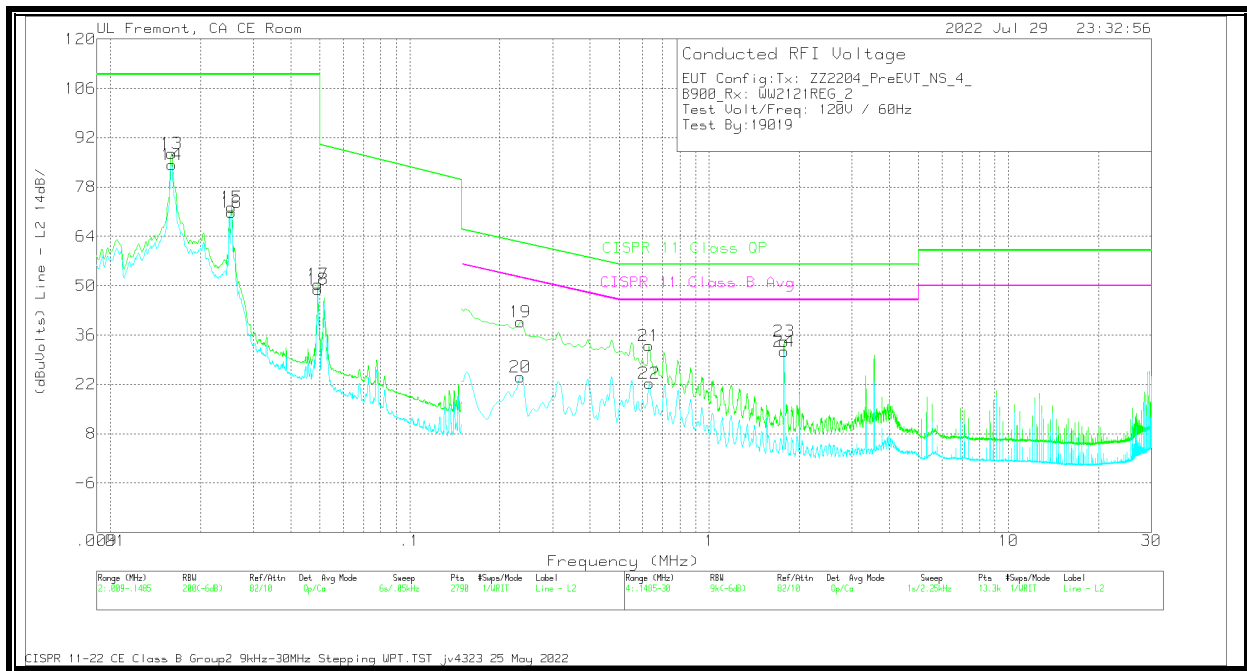
WORST EMISSIONS

Range 1: Line - L1 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
2	.016	72.69	Ca	2.8	0	10.9	86.39	-	-	-	-
4	.0253	61.56	Ca	1.5	0	10.8	73.86	-	-	-	-
6	.0493	46.11	Ca	.4	0	9.9	56.41	-	-	-	-
1	.016	75.7	Qp	2.8	0	10.9	89.4	110	-20.6	-	-
3	.0254	62.87	Qp	1.5	0	10.8	75.17	110	-34.83	-	-
5	.0493	47.56	Qp	.4	0	10	57.96	110	-52.04	-	-

Range 3: Line - L1 .1485 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
8	.234	14.21	Ca	0	0	9.3	23.51	-	-	52.31	-28.8
10	.63	12.49	Ca	0	.1	9.3	21.89	-	-	46	-24.11
12	1.7775	17.91	Ca	0	.1	9.3	27.31	-	-	46	-18.69
7	.234	29.23	Qp	0	0	9.3	38.53	62.25	-23.72	-	-
9	.6278	23.52	Qp	0	.1	9.3	32.92	56	-23.08	-	-
11	1.7775	21.6	Qp	0	.1	9.3	31	56	-25	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

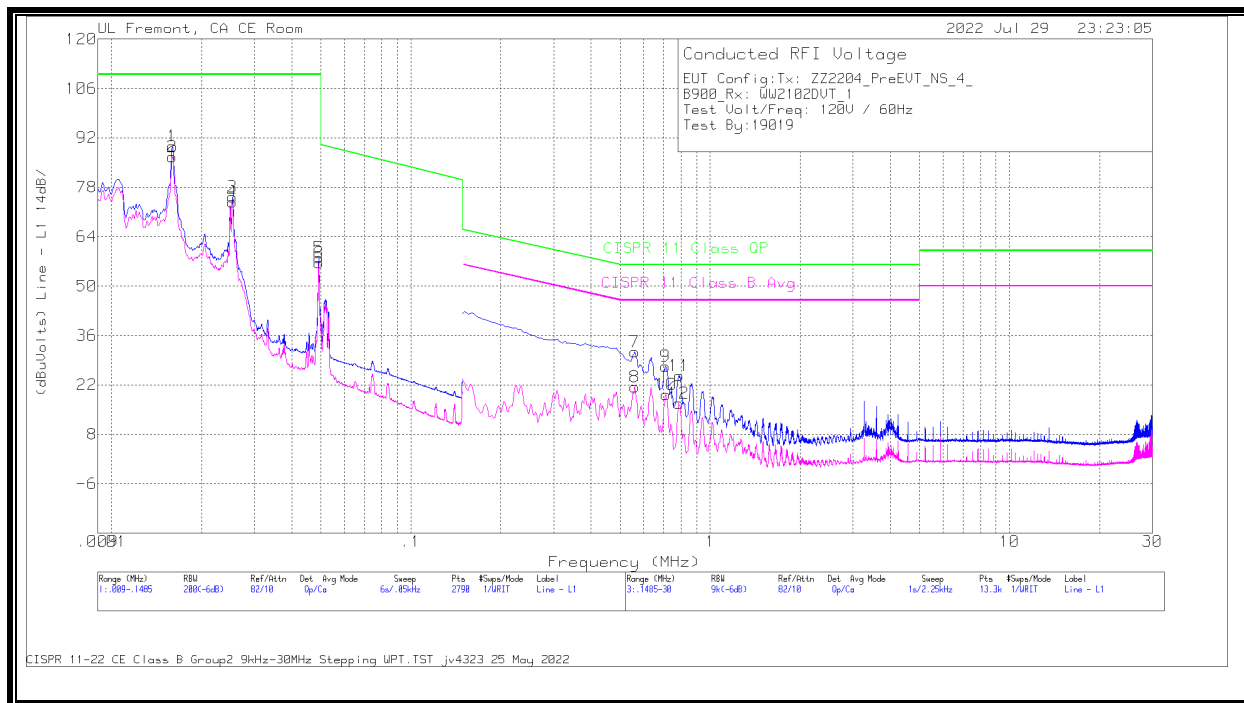
Range 2: Line - L2 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
14	.0161	70.98	Ca	2.5	0	10.9	84.38	-	-	-	-
16	.0253	58.59	Ca	1.4	0	10.8	70.79	-	-	-	-
18	.0493	38.74	Ca	.3	0	9.9	48.94	-	-	-	-
13	.016	74.11	Qp	2.5	0	10.9	87.51	110	-22.49	-	-
15	.0254	60	Qp	1.4	0	10.8	72.2	110	-37.8	-	-
17	.0493	40.08	Qp	.3	0	10	50.38	110	-59.62	-	-

Range 4: Line - L2 .1485 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
20	.234	14.81	Ca	0	0	9.3	24.11	-	-	52.31	-28.2
22	.63	12.9	Ca	0	.1	9.3	22.3	-	-	46	-23.7
24	1.7775	22.03	Ca	0	.1	9.3	31.43	-	-	46	-14.57
19	.234	30.47	Qp	0	0	9.3	39.77	62.25	-22.48	-	-
21	.6278	23.6	Qp	0	.1	9.3	33	56	-23	-	-
23	1.7775	24.89	Qp	0	.1	9.3	34.29	56	-21.71	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

9.1.3. OPERATING MODE (326.5kHz) WITH WATCH POWERED BY AC/DC ADAPTER

LINE 1 RESULTS



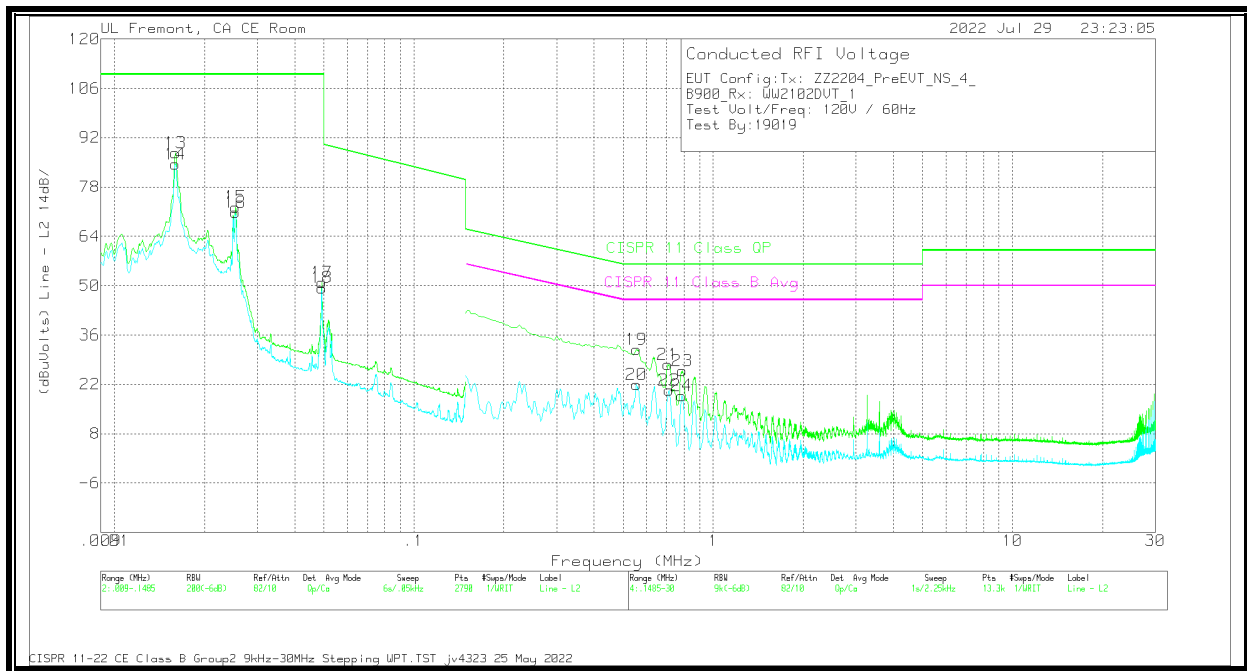
WORST EMISSIONS

Range 1: Line - L1 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
2	.016	72.89	Ca	2.8	0	10.9	86.59	-	-	-	-
4	.0253	61.5	Ca	1.5	0	10.8	73.8	-	-	-	-
6	.0493	46.28	Ca	.4	0	9.9	56.58	-	-	-	-
1	.016	75.97	Qp	2.8	0	10.9	89.67	110	-20.33	-	-
3	.0254	62.94	Qp	1.5	0	10.8	75.24	110	-34.76	-	-
5	.0493	47.7	Qp	.4	0	10	58.1	110	-51.9	-	-

Range 3: Line - L1 .1485 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBuV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBuV	CISPR 11 Class QP dBuV	Margin (dB)	CISPR 11 Class B Avg dBuV	Margin (dB)
8	.5603	12	Ca	0	.1	9.3	21.4	-	-	46	-24.6
10	.711	9.86	Ca	0	.1	9.3	19.26	-	-	46	-26.74
12	.7853	7.48	Ca	0	.1	9.3	16.88	-	-	46	-29.12
7	.5603	21.98	Qp	0	.1	9.3	31.38	56	-24.62	-	-
9	.7088	17.95	Qp	0	.1	9.3	27.35	56	-28.65	-	-
11	.7875	15.3	Qp	0	.1	9.3	24.7	56	-31.3	-	-

Qp - Quasi-Peak detector
Ca - CISPR average detection

LINE 2 RESULTS



WORST EMISSIONS

Range 2: Line - L2 .009 - .1485MHz											
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBUV	CISPR 11 Class QP dBUV	Margin (dB)	CISPR 11 Class B Avg dBUV	Margin (dB)
14	.016	71.13	Ca	2.5	0	10.9	84.53	-	-	-	-
16	.0253	58.59	Ca	1.4	0	10.8	70.79	-	-	-	-
18	.0493	39.21	Ca	.3	0	9.9	49.41	-	-	-	-
13	.016	74.3	Qp	2.5	0	10.9	87.7	110	-22.3	-	-
15	.0254	60.13	Qp	1.4	0	10.8	72.33	110	-37.67	-	-
17	.0493	40.57	Qp	.3	0	10	50.87	110	-59.13	-	-

Range 4: Line - L2 .1485 - 30MHz											
Marker	Frequency (MHz)	Meter Reading (dBUV)	Det	175765 LISN L1 (dB)	C1&C3 cable path loss (dB)	207996 Limiter with short cabl (dB)	Corrected Reading dBUV	CISPR 11 Class QP dBUV	Margin (dB)	CISPR 11 Class B Avg dBUV	Margin (dB)
20	.5535	12.55	Ca	0	.1	9.3	21.95	-	-	46	-24.05
22	.711	10.98	Ca	0	.1	9.3	20.38	-	-	46	-25.62
24	.7853	9.44	Ca	0	.1	9.3	18.84	-	-	46	-27.16
19	.5546	22.5	Qp	0	.1	9.3	31.9	56	-24.1	-	-
21	.7065	18.24	Qp	0	.1	9.3	27.64	56	-28.36	-	-
23	.7875	16.49	Qp	0	.1	9.3	25.89	56	-30.11	-	-

Qp - Quasi-Peak detector

Ca - CISPR average detection

10. SETUP PHOTO

Please refer to 14253666-EP1V1 for setup photos

END OF TEST REPORT