

Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)	Result
2484.175000	-33.7	13.6	-20.1	PASS
2484.125000	-33.7	13.7	-20.1	PASS
2485.375000	-34.3	14.2	-20.1	PASS
2483.625000	-34.4	14.3	-20.1	PASS
2483.575000	-34.4	14.3	-20.1	PASS
2485.425000	-34.5	14.4	-20.1	PASS
2484.425000	-34.5	14.5	-20.1	PASS
2483.525000	-34.7	14.7	-20.1	PASS
2484.475000	-34.9	14.9	-20.1	PASS
2484.375000	-35.0	14.9	-20.1	PASS
2485.075000	-35.0	15.0	-20.1	PASS
2487.075000	-35.2	15.2	-20.1	PASS
2485.025000	-35.2	15.2	-20.1	PASS
2487.025000	-35.3	15.2	-20.1	PASS
2483.675000	-35.4	15.4	-20.1	PASS

Measurement 1

Setting	Instrument Value	Target Value
Start Frequency	2.40000 GHz	2.40000 GHz
Stop Frequency	2.48350 GHz	2.48350 GHz
Span	83.500 MHz	83.500 MHz
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	1670	~ 1670
SweepTime	94.727 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	33 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.37 dB	0.50 dB

Measurement 2

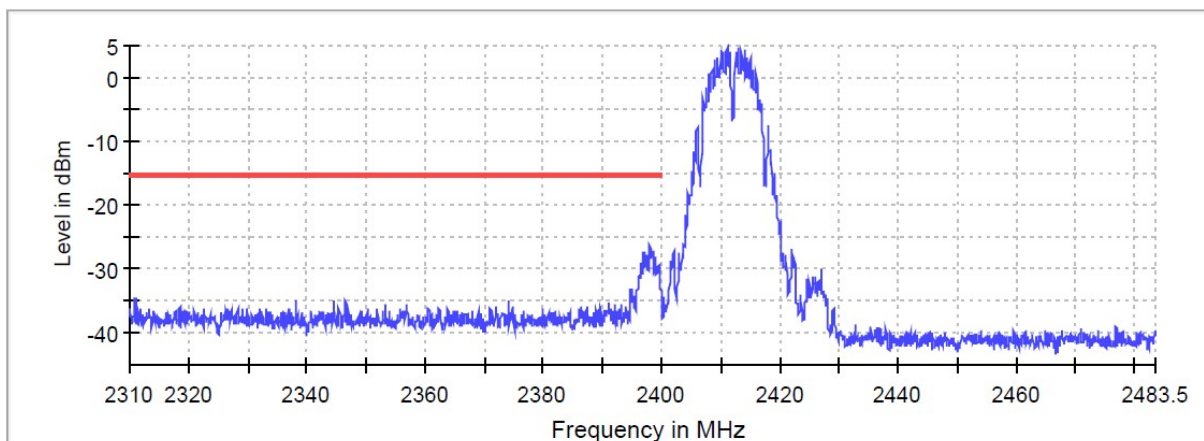
Setting	Instrument Value	Target Value
Start Frequency	2.48350 GHz	2.48350 GHz
Stop Frequency	2.50000 GHz	2.50000 GHz
Span	16.500 MHz	16.500 MHz

Setting	Instrument Value	Target Value
RBW	100.000 kHz	<= 100.000 kHz
VBW	300.000 kHz	>= 300.000 kHz
SweepPoints	330	~ 330
SweepTime	18.945 μ s	AUTO
Reference Level	20.000 dBm	20.000 dBm
Attenuation	40.000 dB	AUTO
Detector	MaxPeak	MaxPeak
SweepCount	100	100
Filter	3 dB	3 dB
Trace Mode	Max Hold	Max Hold
SweepType	FFT	AUTO
Preamp	off	off
Stablemode	Trace	Trace
Stablevalue	0.50 dB	0.50 dB
Run	4 / max. 150	max. 150
Stable	3 / 3	3
Max Stable Difference	0.00 dB	0.50 dB

802.11 n High Channel Data Rate MCS 0

Plots

Band Edge



— Limit — Sum Level × Fail

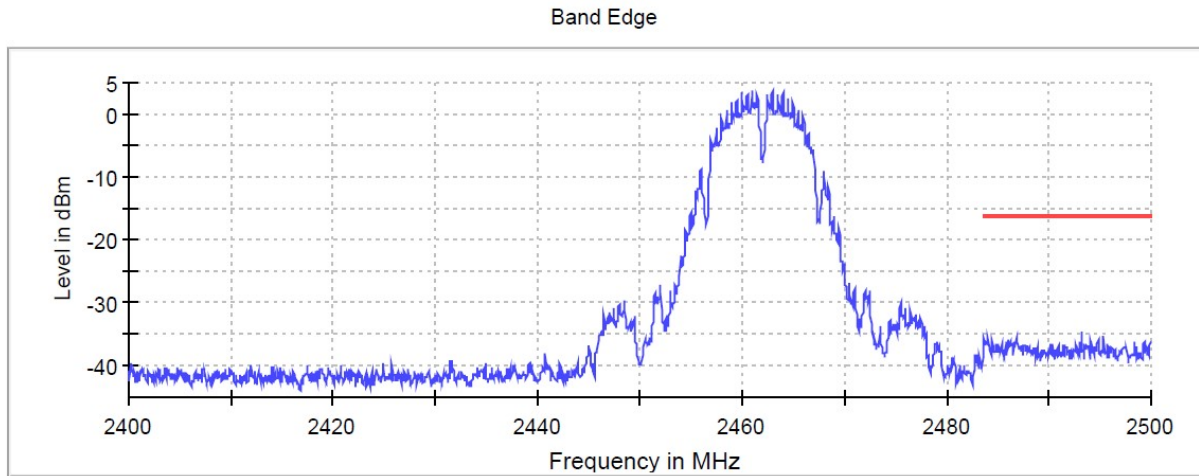
802.11 b Data Rate 1 Low Channel



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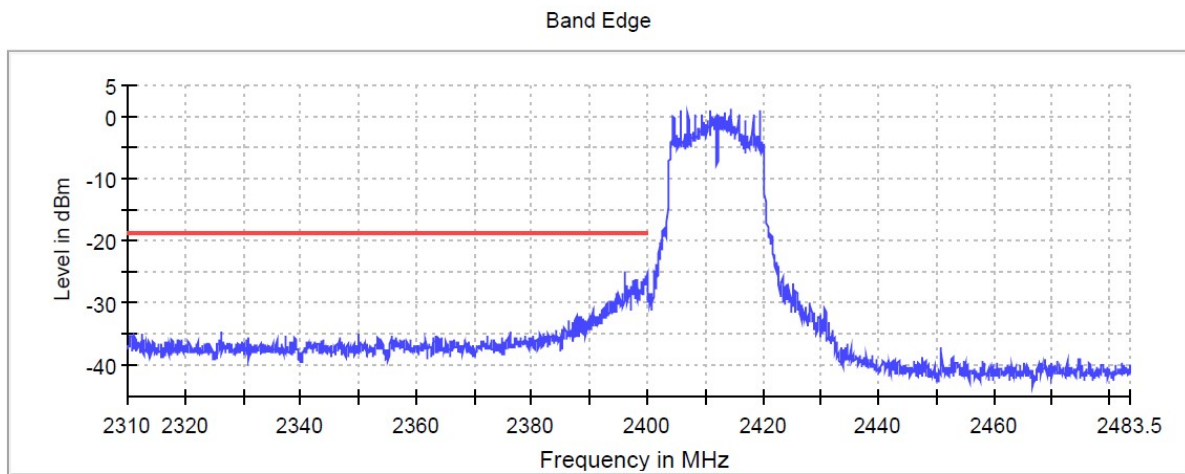


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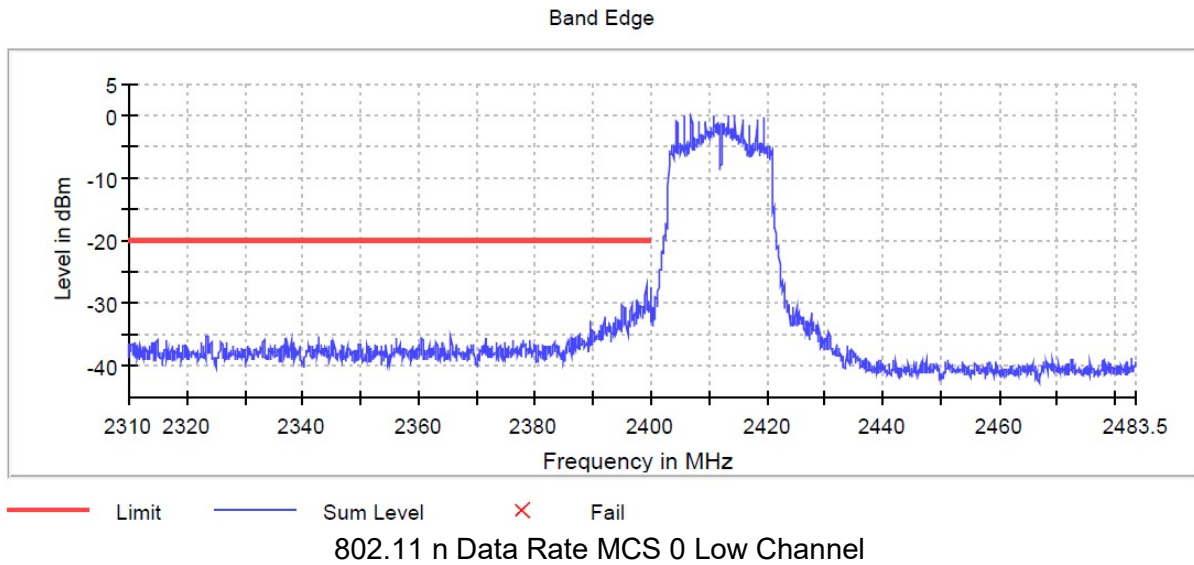
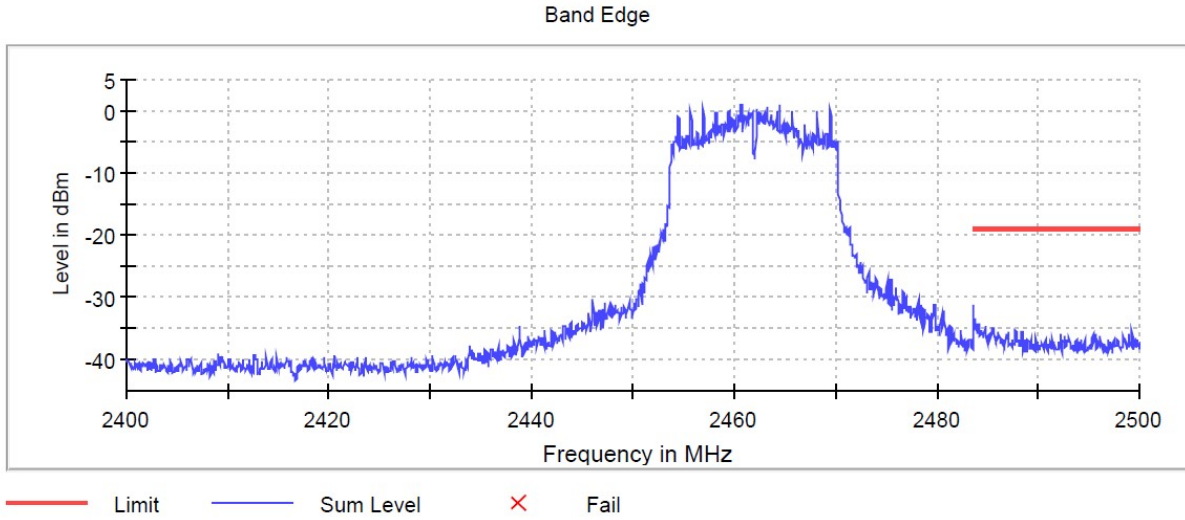
— Limit — Sum Level × Fail

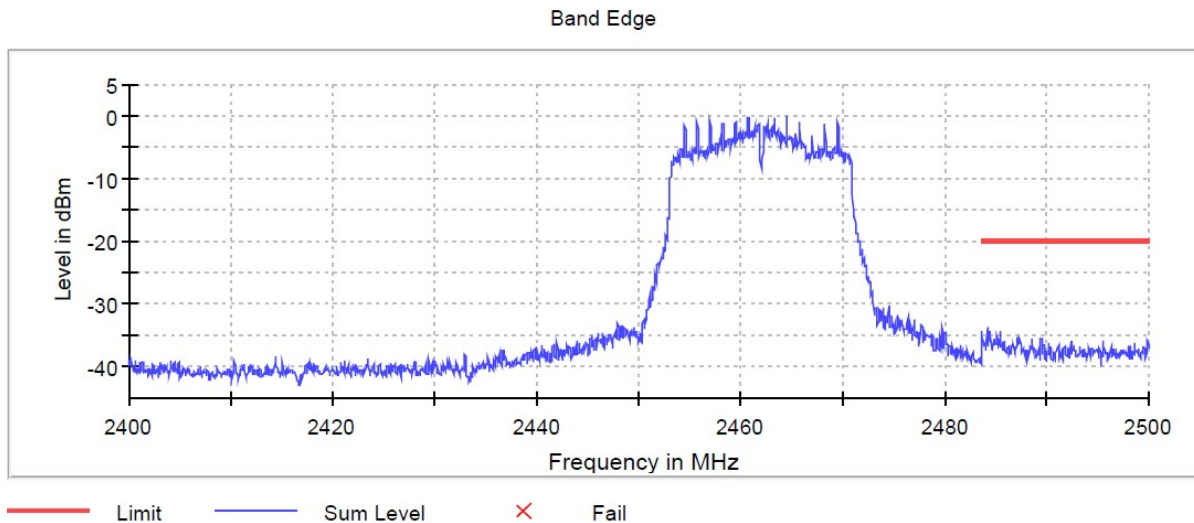
802.11 b Data Rate 1 High Channel



— Limit — Sum Level × Fail

802.11 g Data Rate 9 Low Channel





802.11 n Data Rate MCS 0 High Channel

Test Equipment Used

Rev. 7/5/2022

Spectrum Analyzers / Receivers /Preselectors		Range	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
FSV40 Spectrum Analyzer		10Hz-40GHz	FSV40	ROHDE & SCHWARZ	101551	2200	I	10/26/2022	10/26/2021
Signal Generators/Comparison Noise Emitter		Range	MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
SMBV100A Vector Signal Generator		9KHz-6GHz	SMBV100A	ROHDE & SCHWARZ	261919	2201	I	10/26/2022	10/26/2021
SMB100A Signal Generator		100kHz-40GHz	SMB100A	ROHDE & SCHWARZ	179884	2557	I	10/26/2022	10/26/2021
OSP-B157W8			OSP-B157W8	ROHDE & SCHWARZ	100955	2558	I	8/26/2022	8/26/2021
Meteorological Meters/Chambers			MN	Mfr	SN	Asset	Cat	Calibration Due	Calibrated on
Weather Clock (Pressure Only)			BA928	Oregon Scientific	C3166-1	831	I	11/23/2022	11/23/2020
Asset #2657			1235C97	Control Company	200435369	2657	I	7/23/2022	7/23/2020
Cables		Range		Mfr			Cat	Calibration Due	Calibrated on
Asset #2595		9KHz-40GHz		Carlisle			II	1/21/2023	1/21/2022

All equipment is calibrated using standards traceable to NIST or other nationally recognized calibration standard.

Restricted Band Edges**Data Table**

Radiated Emissions Table																			
Date: 19-May-22					Company: Bevi					Work Order: W0071									
Engineer: Ryan M. Brown					EUT Desc: Bevi Countertop 1.0					EUT Operating Voltage/Frequency: 120VAC/60Hz									
Temp: 21.7					Humidity: 54%					Pressure: 1002									
Frequency Range: Bandedge										Measurement Distance: 3 m									
Notes:										EUT Max Freq: 5280									
Antenna Polarization (H / V)	Frequency (MHz)	Peak Reading (dBµV)	Average Reading (dBµV)	Preamp Factor (dB)	Antenna Factor (dB/m)	Cable Factor (dB)	Adjusted Peak Reading (dBµV/m)	Adjusted Avg Reading (dBµV/m)	FCC Class B High Frequency - Peak			FCC Class B High Frequency - Average							
									Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)					
802.11b Data Rate 2 Low Ch V H	2314.544	46.655	46.7	42.5	27.9	10.9	43.0	43.0	74.0	-31.0	Pass	54.0	-11.0	Pass					
	2314.544	50.39	50.4	42.5	27.9	10.9	46.7	46.7	74.0	-27.3	Pass	54.0	-7.3	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
802.11b Data Rate 2 High Ch V H	2489.58	47.696	47.7	42.7	28.1	11.5	44.6	44.6	74.0	-29.4	Pass	54.0	-9.4	Pass					
	2489.58	48.05	48.1	42.7	28.1	11.5	45.0	45.0	74.0	-29.0	Pass	54.0	-9.0	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
802.11g Data Rate 48 Low CH V H	2337.466	46.661	46.7	42.5	28.0	10.9	43.1	43.1	74.0	-30.9	Pass	54.0	-10.9	Pass					
	2337.466	48.817	48.8	42.5	28.0	10.9	45.2	45.2	74.0	-28.8	Pass	54.0	-8.8	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
802.11g Data Rate 48 High CH V H	2488.053	47.474	47.5	42.7	28.1	11.4	44.3	44.3	74.0	-29.7	Pass	54.0	-9.7	Pass					
	2488.053	46.936	46.9	42.7	28.1	11.4	43.7	43.7	74.0	-30.3	Pass	54.0	-10.3	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
802.11n Data Rate MCS 2 Low CH V H	2388.824	47.932	47.9	42.6	28.1	11.0	44.4	44.4	74.0	-29.6	Pass	54.0	-9.6	Pass					
	2388.824	50.389	50.4	42.6	28.1	11.0	46.9	46.9	74.0	-27.1	Pass	54.0	-7.1	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
802.11n Data Rate MCS 2 High CH V H	2483.91	48.361	48.4	42.7	28.1	11.4	45.2	45.2	74.0	-28.8	Pass	54.0	-8.8	Pass					
	2483.91	47.203	47.2	42.7	28.1	11.4	44.0	44.0	74.0	-30.0	Pass	54.0	-10.0	Pass					
				---	---	---	---	---	---	---	---	---	---	---					
Table Result: Pass by -0.8 dB Worst Freq: 5128.002 MHz																			
Test Site: EMI Chamber 2					Cable 1: Asset #2682					Cable 2: Asset #2610					Cable 3: Asset #2474				
Analyzer: Asset #2093					Preamp: Asset #2111					Antenna: Yellow Horn					Preselector: ---				
CSsoft Radiated Emissions Calculator v 1.017.222																			
Adjusted Reading = Reading - Preamp Factor + Antenna Factor + Cable Factor																			
Copyright Curtis-Stra LLC 2000																			

Test Equipment Used

Rev. 6/13/2022

Spectrum Analyzers / Receivers / Preselectors 2093 MXE EMI Receiver	Range 20Hz-26.5GHz	MN N9038A	Mfr Agilent	SN MY51210181	Asset 2093	Cat I	Calibration Due 3/7/2023	Calibrated on 3/7/2022
Radiated Emissions Sites EMI Chamber 2 EMI Chamber 2	FCC Code 719150 719150	IC Code 2762A-7 2762A-7	VCCI Code A-0015 A-0015	Range 30-1000MHz 1-18GHz	Asset 1686 1686	Cat I I	Calibration Due 12/5/2022 12/8/2022	Calibrated on 12/5/2020 12/8/2020
Preamps / Couplers Attenuators / Filters 2111 HF Preamp	Range 0.5-18GHz	MN PAM-118A	Mfr COM-POWER	SN 551063	Asset 2111	Cat II	Calibration Due 10/26/2022	Calibrated on 10/26/2021
Antennas Yellow Horn	Range 1-18GHz	MN 3115	Mfr EMCO	SN 9608-4898	Asset 37	Cat I	Calibration Due 10/20/2022	Calibrated on 10/20/2020
Meteorological Meters/Chambers Weather Clock (Pressure Only) Asset #2657		MN BA928 1235C97	Mfr Oregon Scientific Control Company	SN C3166-1 200435369	Asset 831 2657	Cat I I	Calibration Due 11/23/2022 7/23/2022	Calibrated on 11/23/2020 7/23/2020
Cables Asset #2474 Asset #2610 Asset #2682	Range 9KHz-18GHz 9KHz-18GHz 9KHz-18GHz		Mfr MegaPhase Pasternack Pasternack			Cat II II II	Calibration Due 11/9/2022 3/16/2023 6/17/2022	Calibrated on 11/9/2021 3/16/2022 6/17/2021

All equipment is calibrated using standards traceable to NIST or other nationally recognized calibration standard.



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Radiated Spurious Emissions

Test according to CFR Title 47 FCC Part 15.247, ISED Canada RSS-247 Issue 2, ISED Canada RSS-Gen Issue 5, FCC KDB 558074 D01 15.247 Measurement Guidance v05 and ANSI C63.10-2013

LIMITS

Radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).
[15.247(d)]

Description of Calculations:

Adjusted Reading(dBμV/m) = Raw Reading(dBμV) + Correction Factor(dB/m)
Correction Factor = Antenna Factor(dB/m) + Cable Factor(dB) - Preamp Factor(dB)
Margin(dB) = Adjusted Reading(dBμV/m) - Limit(dBμV/m)

Measurement Software Used:

ETS-LINDGREN TILE!™ 7.4.4.12

Notes:

1. *The limits in CFR 47, Part 15, Subpart C, paragraph 15.209 (a), are identical to those in RSS-GEN Section 8.9, Table 6, since the measurements are performed in terms of magnetic field strength and converted to electric field strength levels (as reported in the table) using the free space impedance of 377Ω. For example, the measurement frequency 625 KHz resulted in a level of 40.5 dBuV/m, which is equivalent to 40.5 -51.5 = -10.7 dBuA/m, which has the same margin, -31.2 dB, to the corresponding RSS-GEN Table 6 limit as it has to the 15.209(a) limit.*

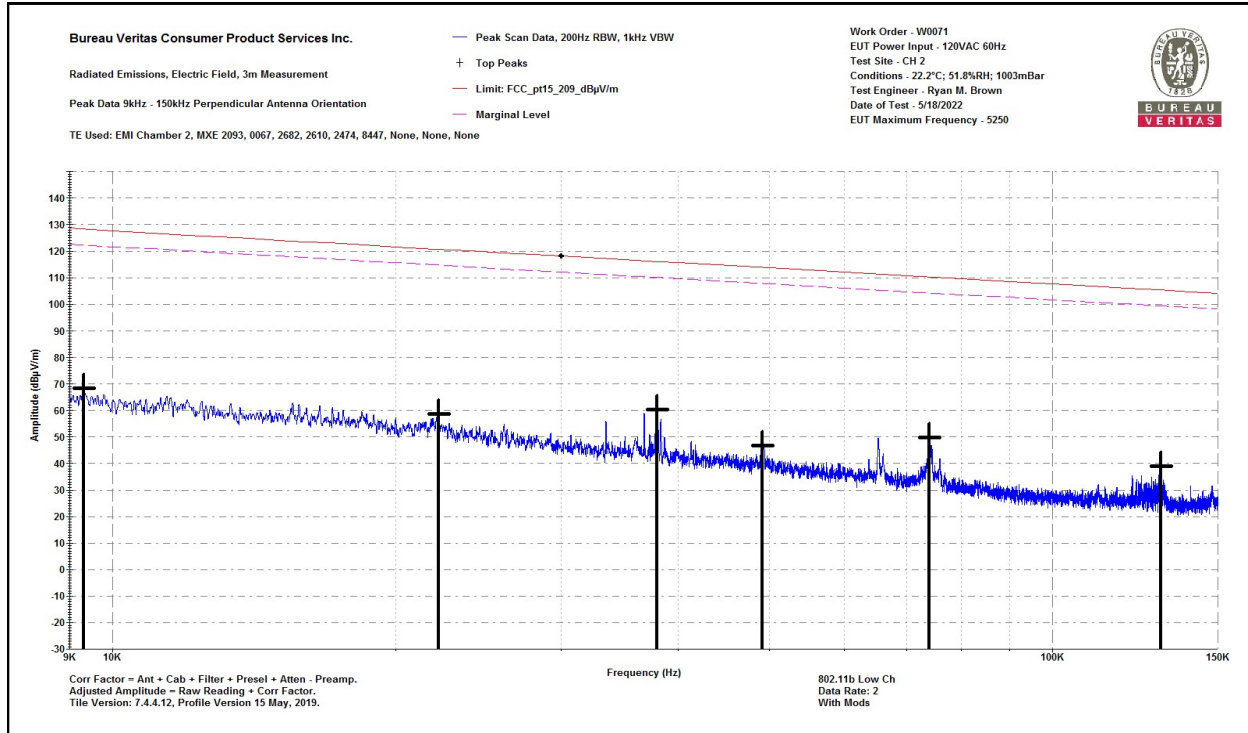
MEASUREMENTS / RESULTS**Data Tables****802.11b Data Rate 2 Low Channel**

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions, Electric Field, 3m Measurement
 Top Peaks Perpendicular 9-150kHz
 Notes:
 802.11b Low Ch
 Data Rate: 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.2°C; 51.8%RH; 1003mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/18/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Lim: FCC_pt15_20 9_dBμV/m (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
0.009317	29.1	39.2	68.3	128.2	-60	PASS		135
0.022222	26.2	32.5	58.7	120.7	-62	PASS		90
0.037933	32.4	28	60.4	116	-55.7	PASS	-55.7	150
0.049143	20.7	26.1	46.8	113.8	-67	PASS		225
0.074029	27.1	22.7	49.8	110.2	-60.4	PASS		75
0.130521	18	20.9	38.9	105.3	-66.4	PASS		120

9 KHz – 150 KHz Perpendicular



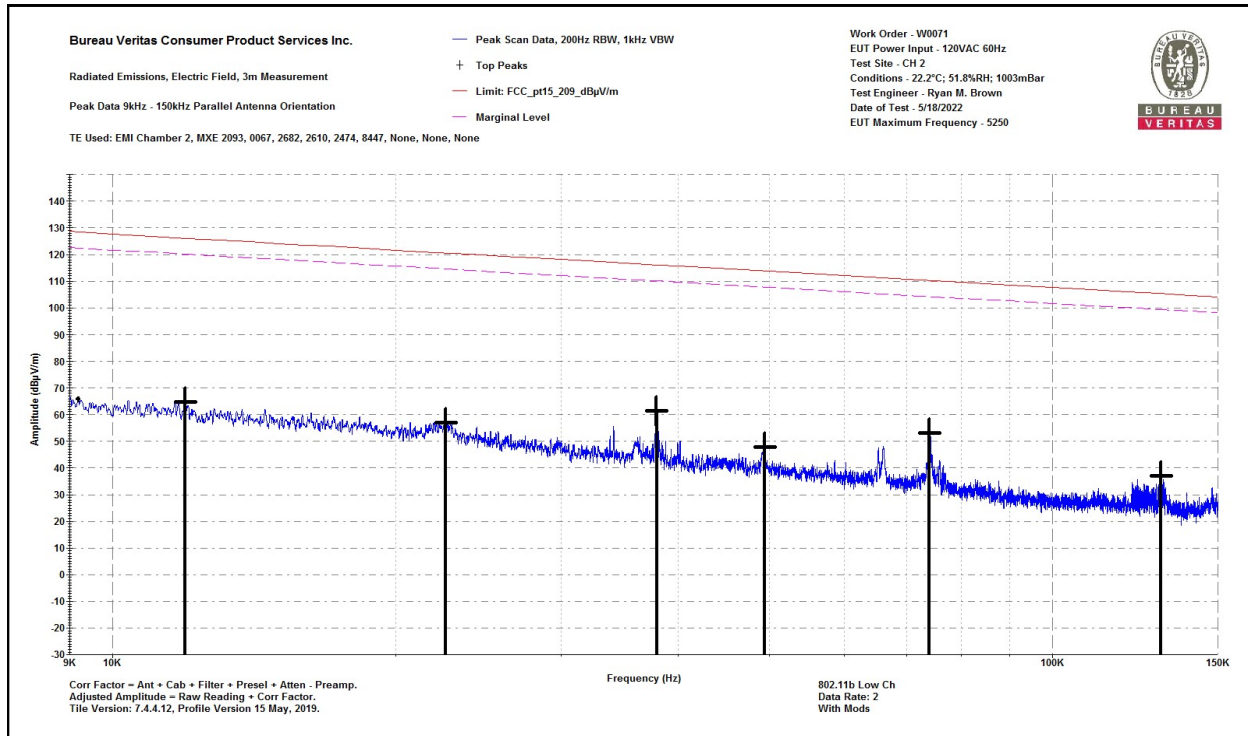
9 KHz – 150 KHz Perpendicular

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions, Electric Field, 3m Measurement
Top Peaks Parallel 9-150kHz
Notes:
802.11b Low Ch
Data Rate: 2
With Mods

Work Order - W0071
EUT Power Input - 120VAC 60Hz
Test Site - CH 2
Conditions - 22.2°C; 51.8%RH; 1003mBar
Test Engineer - Ryan M. Brown
Date of Test - 5/18/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Lim: FCC_pt15_20 9_dBμV/m (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
0.01195	27.7	37	64.7	126.1	-61.4	PASS		255
0.022635	24.6	32.4	57	120.5	-63.5	PASS		15
0.037923	33.4	28	61.3	116	-54.7	PASS	-54.7	315
0.049379	21.7	26	47.7	113.7	-66.1	PASS		285
0.074015	30.5	22.7	53.2	110.2	-57.1	PASS		315
0.130581	16.2	20.9	37.1	105.3	-68.2	PASS		285

9 KHz – 150 KHz Parallel



9 KHz – 150 KHz Parallel

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Magnetic Field 3m Distance
Top Peaks Parallel 150-1000kHz

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

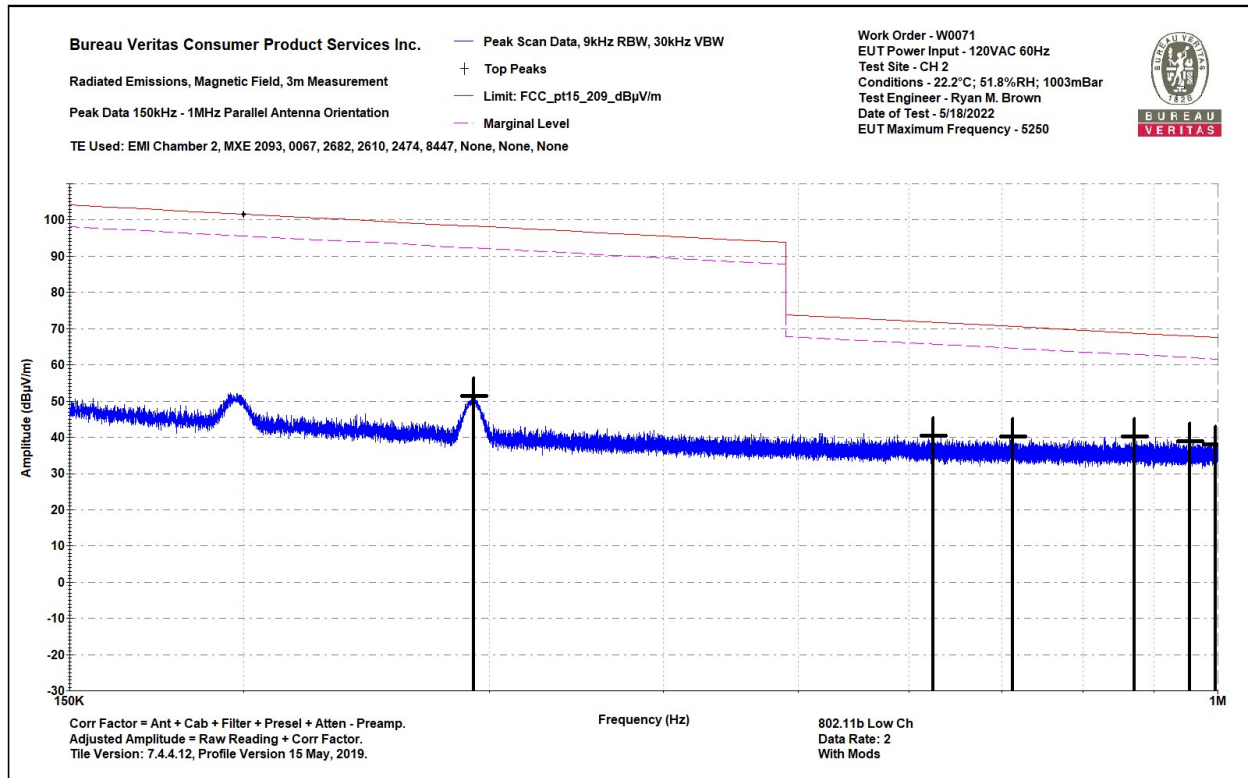
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/18/2022

Frequency (MHz)	Raw Peak Reading (dBµV)	Correction Factor (dB/s)	Adjusted Peak Amplitude (dBµV/m)	Lim: FCC_pt15_209_dBµV/m (dBµV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
0.292	31.9	19.5	51.4	98.3	-46.9	PASS		75
0.625	21.3	19.2	40.5	71.7	-31.2	PASS		45
0.713	21	19.2	40.3	70.6	-30.3	PASS		195
0.871	21	19.2	40.2	68.8	-28.6	PASS	-28.6	315
0.955	19.7	19.2	38.9	68	-29.1	PASS		30
0.996	18.9	19.2	38.1	67.6	-29.5	PASS		150

150 KHz – 1MHz Parallel



150 KHz – 1MHz Parallel

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Magnetic Field 3m Distance
Top Peaks Perpendicular 150-1000kHz

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

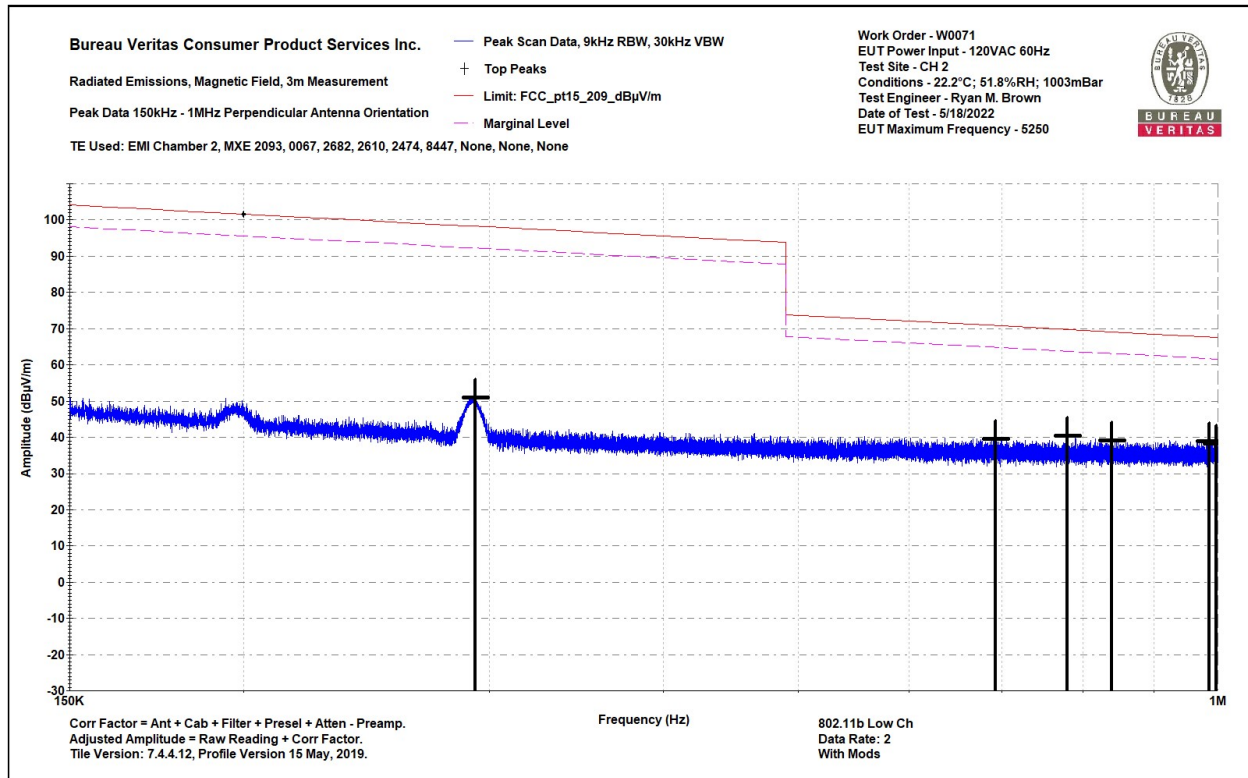
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/18/2022

Frequency (MHz)	Raw Peak Reading (dBµV)	Correction Factor (dB/s)	Adjusted Peak Amplitude (dBµV/m)	Lim: FCC_pt15_20 9_dBµV/m (dBµV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
0.293	31.4	19.5	50.9	98.3	-47.4	PASS		15
0.693	20.3	19.2	39.5	70.8	-31.3	PASS		300
0.78	21.2	19.2	40.4	69.8	-29.3	PASS		270
0.839	19.8	19.2	39	69.1	-30.1	PASS		180
0.987	19.7	19.2	38.9	67.7	-28.8	PASS	-28.8	30
0.998	19	19.2	38.2	67.6	-29.4	PASS		165

150 KHz – 1 MHz Perpendicular



150 KHz – 1 MHz Perpendicular

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Magnetic Field 3m Distance
Top Peaks Parallel 1-30MHz

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

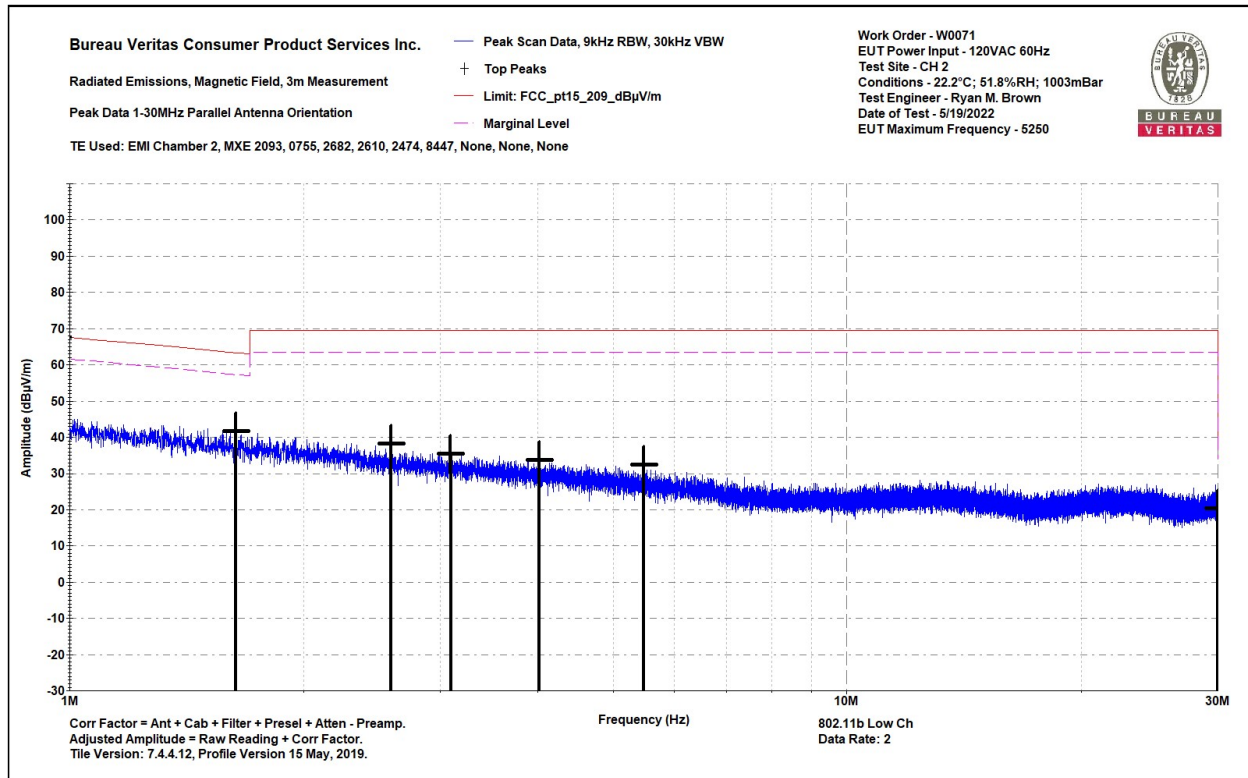
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/s)	Adjusted Peak Amplitude (dBμV/m)	Lim: FCC_pt15_20 9_dBμV/m (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
1.637	17.6	24.2	41.8	63.3	-21.5	PASS		315
2.589	18.2	20	38.2	69.5	-31.3	PASS		90
3.092	17.2	18.4	35.5	69.5	-34	PASS		90
4.02	17.4	16.4	33.8	69.5	-35.7	PASS		180
5.475	18.6	14	32.5	69.5	-37	PASS		90
30	12.3	8.1	20.3	40	-19.7	PASS	-19.7	315

1 MHz – 30 MHz Parallel



1 MHz – 30 MHz Parallel

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Magnetic Field 3m Distance
Top Peaks Perpendicular 1-30MHz

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

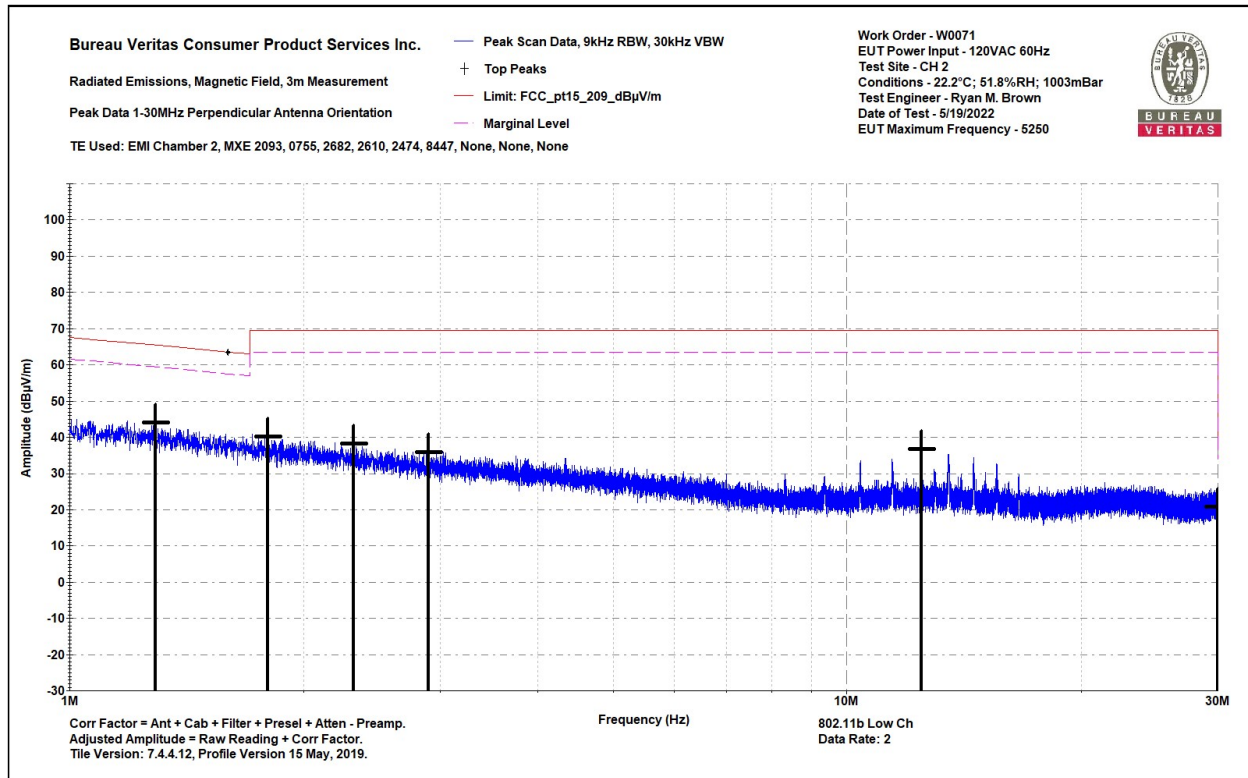
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/s)	Adjusted Peak Amplitude (dBμV/m)	Lim: FCC_pt15_20 9_dBμV/m (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Margin (dB)	EUT Azimuth (degrees)
1.291	17.8	26.3	44.1	65.4	-21.2	PASS		45
1.799	17	23.2	40.3	69.5	-29.3	PASS		0
2.321	17.3	21	38.3	69.5	-31.3	PASS		90
2.892	17	19	36	69.5	-33.6	PASS		225
12.476	26.6	10.1	36.7	69.5	-32.8	PASS		315
30	12.8	8.1	20.9	40	-19.1	PASS	-19.1	45

1 MHz – 30 MHz Perpendicular



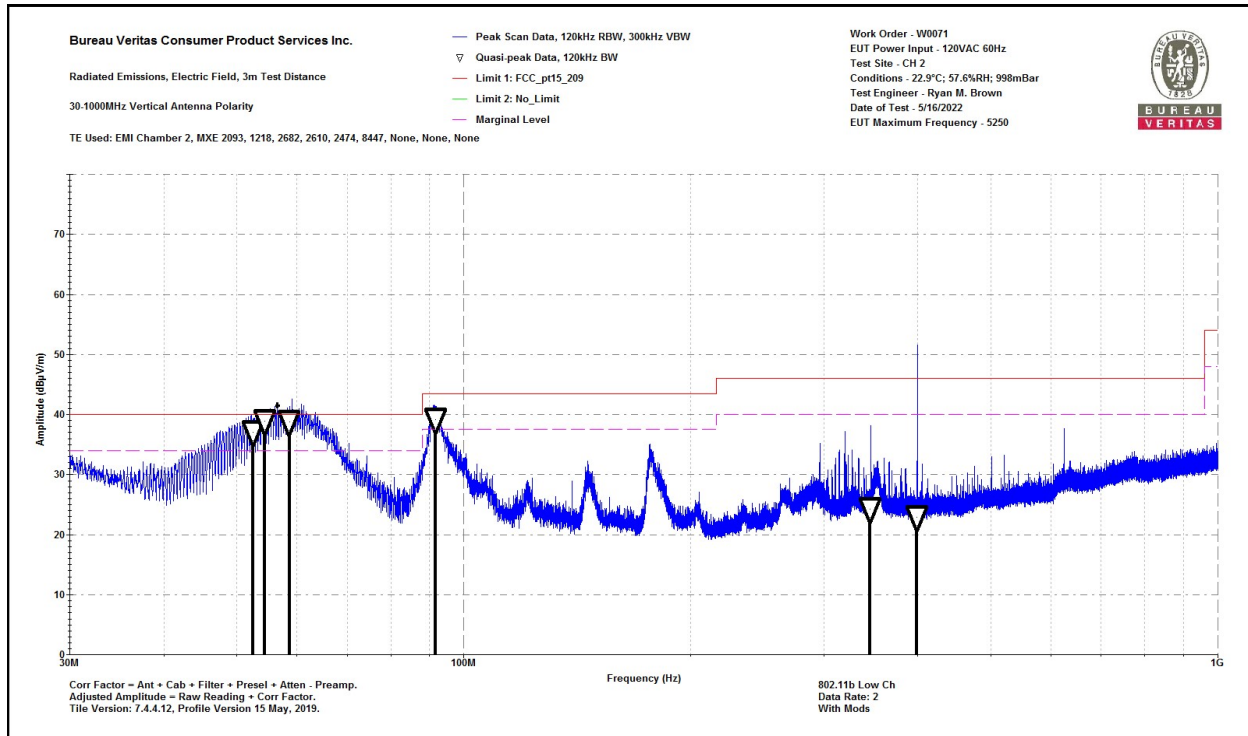
1 MHz – 30 MHz Perpendicular

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Electric Field 3m Distance
30-1000MHz Vertical Data
Notes:
802.11b Low Ch
Data Rate: 2
With Mods

Work Order - W0071
EUT Power Input - 120VAC 60Hz
Test Site - CH 2
Conditions - 22.9°C; 57.6%RH; 998mBar
Test Engineer - Ryan M. Brown
Date of Test - 5/16/2022

Frequency (MHz)	Raw QP Reading (dBμV)	Correction Factor (dB/m)	Adjusted QP Amplitude (dBμV/m)	Lim1: FCC_pt15_209 (dBμV/m)	Margin to Lim1 (dB)	Test Results Lim1 (Pass/Fail)	Worst Margin Lim1 (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
52.566	48.9	-11.8	37.1	40	-2.9	PASS		101	230
54.386	51	-12.2	38.9	40	-1.1	PASS	-1.1	101	194
58.662	51.1	-12.3	38.8	40	-1.2	PASS		102	131
91.649	50.7	-11.5	39.1	43.5	-4.4	PASS		125	65
345.967	27.8	-3.5	24.2	46	-21.8	PASS		146	181
398.649	25.6	-2.7	22.9	46	-23.1	PASS		125	160

30 – 1000MHz Vertical



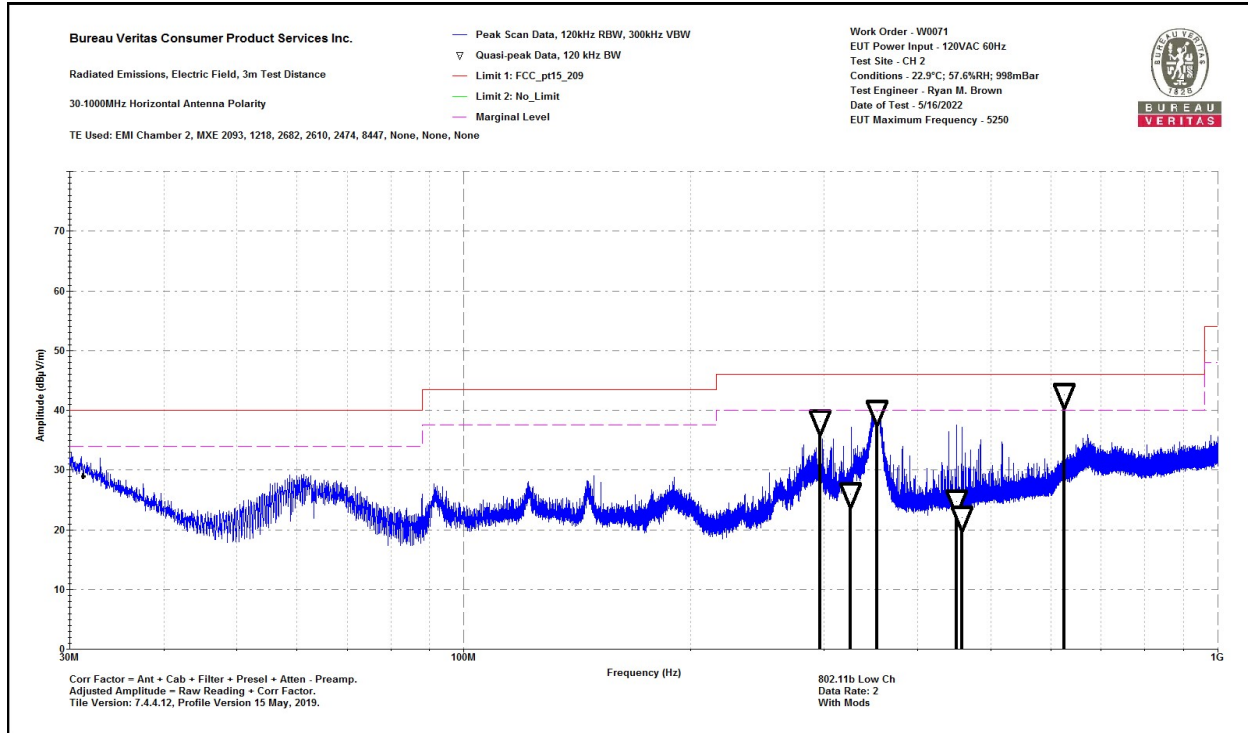
30 – 1000MHz Vertical

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 30-1000MHz Horizontal Data
 Notes:
 802.11b Low Ch
 Data Rate: 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.9°C; 57.6%RH; 998mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/16/2022

Frequency (MHz)	Raw QP Reading (dBµV)	Correction Factor (dB/m)	Adjusted QP Amplitude (dBµV/m)	Lim1: FCC_pt15_209 (dBµV/m)	Margin to Lim1 (dB)	Test Results Lim1 (Pass/Fail)	Worst Margin Lim1 (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
297.035	42.7	-4.5	38.2	46	-7.8	PASS		104	281
325.74	29.7	-3.8	25.9	46	-20.1	PASS		106	96
352.926	43.2	-3.5	39.7	46	-6.3	PASS		160	186
449.858	26.9	-2.2	24.7	46	-21.3	PASS		141	14
457.361	24.1	-2.1	22	46	-24	PASS		171	102
624.998	41.7	0.9	42.6	46	-3.4	PASS	-3.4	113	93

30 – 1000MHz Horizontal



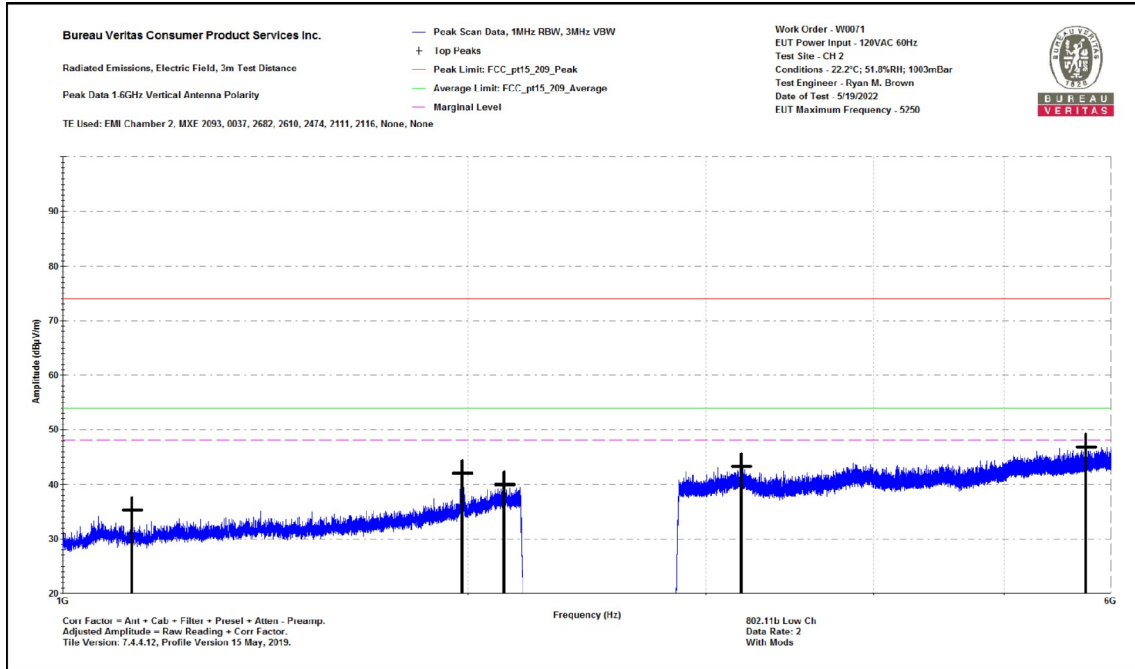
30 – 1000MHz Horizontal

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Vertical 1-6GHz
 Notes:
 802.11b Low Ch
 Data Rate: 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.2°C; 51.8%RH; 1003mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBµV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBµV/m)	Pk Lim: FCC_pt15_20 9_Peak (dBµV/m)	Margin to Peak Limit (dB)	Peak Limit Test Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_20 9_Average (dBµV/m)	Margin to Average Limit (dB)	Average Limit Test Result (Pass/Fail)	Average Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1125	49.6	-14.3	35.2	74	-38.8	PASS		54	-18.8	PASS		100	189
1979.88	52.5	-10.4	42.1	74	-31.9	PASS		54	-11.9	PASS		100	222
2128.13	48.6	-8.6	40	74	-34	PASS		54	-14	PASS		200	222
3189.25	49.6	-6.3	43.2	74	-30.8	PASS		54	-10.8	PASS		100	315
5751.63	49.1	-2.2	46.9	74	-27.1	PASS	-27.1	54	-7.1	PASS	-7.1	300	192

1 – 6 GHz Vertical



1 – 6 GHz Vertical

Bureau Veritas Consumer Product Services Inc.

Radiated Emissions Electric Field 3m Distance

Top Peaks Vertical 1-6GHz

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

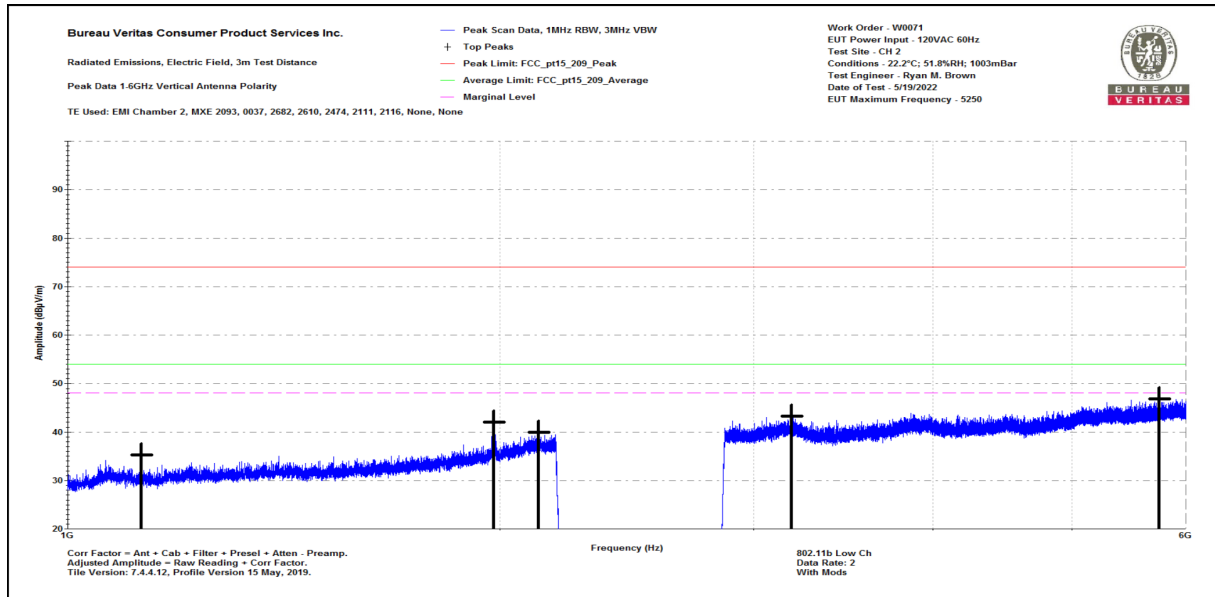
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Pk Lim: FCC_pt15_209_Peak (dBμV/m)	Margin to Peak Limit (dB)	Peak Limit Test Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_209_Average (dBμV/m)	Margin to Average Limit (dB)	Average Limit Test Result (Pass/Fail)	Average Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1125	49.6	-14.3	35.2	74	-38.8	PASS		54	-18.8	PASS		100	189
1979.88	52.5	-10.4	42.1	74	-31.9	PASS		54	-11.9	PASS		100	222
2128.13	48.6	-8.6	40	74	-34	PASS		54	-14	PASS		200	222
3189.25	49.6	-6.3	43.2	74	-30.8	PASS		54	-10.8	PASS		100	315
5751.63	49.1	-2.2	46.9	74	-27.1	PASS	-27.1	54	-7.1	PASS	-7.1	300	192

1 – 6 GHz Horizontal



1 – 6 GHz Horizontal

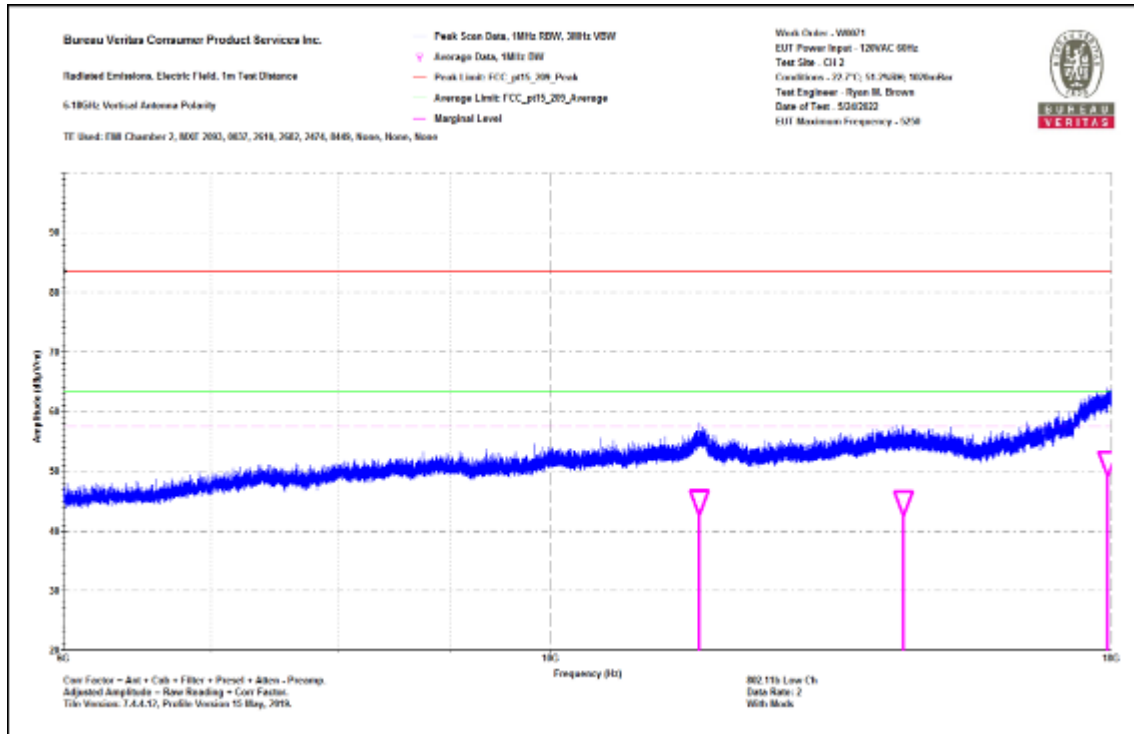
Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Electric Field 1m Distance
6-18GHz Vertical Data
Notes:
802.11b Low Ch
Data Rate: 2
With Mods

Work Order - W0071
EUT Power Input - 120VAC 60Hz
Test Site - CH 2
Conditions - 22.7°C; 51.2%RH; 1020mBar
Test Engineer - Ryan M. Brown
Date of Test - 5/24/2022

Frequency (MHz)	Raw Peak Reading (dBµV)	Raw Avg Reading (dBµV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBµV/m)	Pk Lim: FCC_pt15_209_Peak (dBµV/m)	Peak Margin (dB)	Peak Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBµV/m)	Av Lim: FCC_pt15_209_Average (dBµV/m)	Avg Margin (dB)	Avg Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11682.5	46	35.8	9.1	55.1	83.5	-28.4	PASS		44.9	63.5	-18.6	PASS		200	269
14473.2	43.3	33.4	11.4	54.7	83.5	-28.8	PASS		44.8	63.5	-18.7	PASS		200	340
17928.1	44.5	34.3	17.1	61.6	83.5	-21.9	PASS	-21.9	51.5	63.5	-12	PASS	-12	100	8

6 – 18 GHz Vertical





6 – 18 GHz Vertical

Bureau Veritas Consumer Product Services Inc.

Radiated Emissions Electric Field 1m Distance

6-18GHz Horizontal Data

Notes:

802.11b Low Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

Conditions - 22.7°C; 51.2%RH; 1020mBar

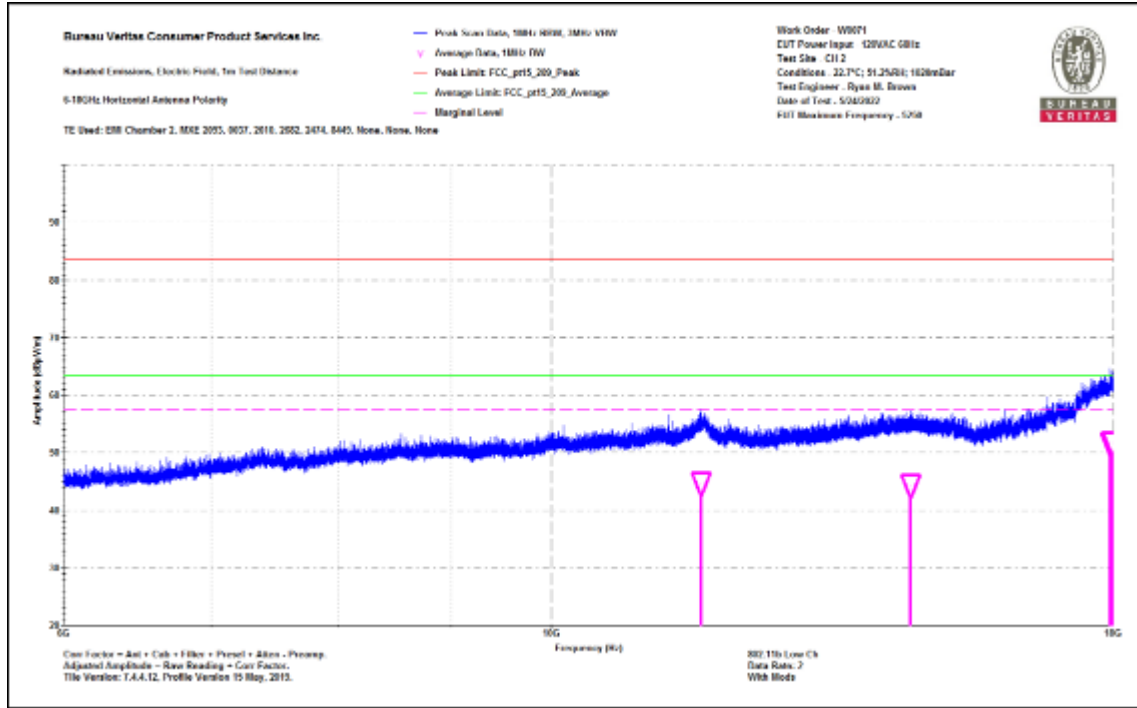
Test Engineer - Ryan M. Brown

Date of Test - 5/24/2022

Frequency (MHz)	Raw Peak Reading (dBuV)	Raw Avg Reading (dBuV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBuV/m)	Pk Lim: FCC_pt15_209_Peak (dBuV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBuV/m)	Av Lim: FCC_pt15_209_Average (dBuV/m)	Avg Margin (dB)	Avg Test Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11696.7	44.3	35.7	9.1	53.4	83.5	-30.1	PASS		44.8	63.5	-18.7	PASS		107	299
14563.5	41.9	33	11.3	53.2	83.5	-30.3	PASS		44.4	63.5	-19.1	PASS		143	216
17942.4	42.9	34.3	17.4	60.3	83.5	-23.2	PASS		51.7	63.5	-11.8	PASS		100	01
17979.4	42.8	34.4	17.4	60.2	83.5	-23.3	PASS		51.8	63.5	-11.7	PASS	-11.7	100	310
17990.3	43.3	34.3	17.4	60.7	83.5	-22.8	PASS	-22.8	51.7	63.5	-11.8	PASS		100	42

6 – 18 GHz Horizontal

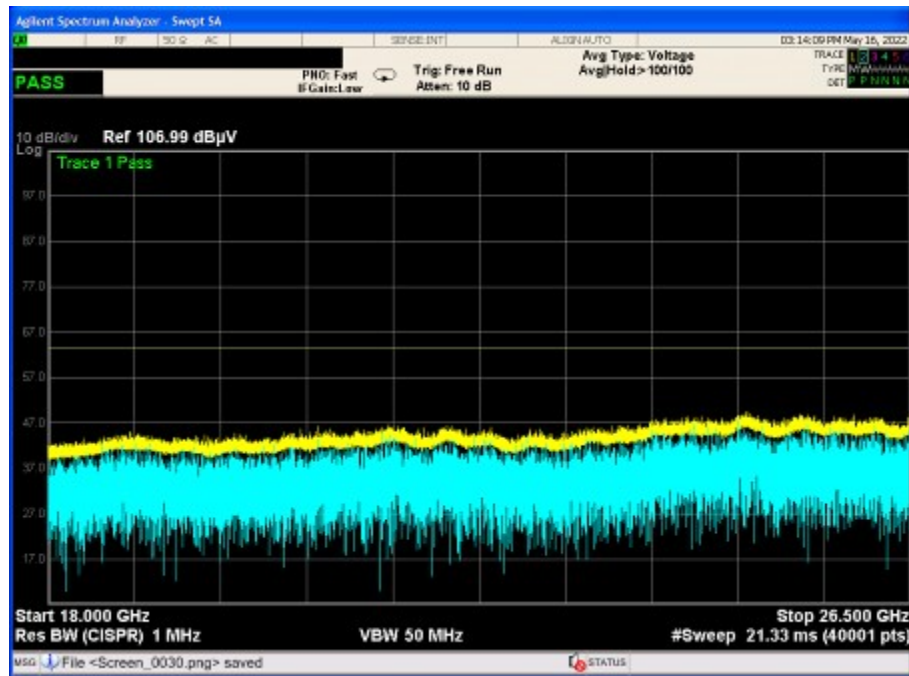




6 – 18 GHz Horizontal

Radiated Emissions Table																							
Date: 16-May-22				Company: Bevi				Work Order: W0071															
Engineer: Ryan M. Brown				EUT Desc: Bevi Countertop 1.0				EUT Operating Voltage/Frequency: 120VAC 60Hz															
Temp:				Humidity:				Pressure:				Measurement Distance: 1 m											
Frequency Range: 18-26.5GHz								EUT Max Freq: 5250MHz															
Notes: 802.11b Data Rate 2																							
Antenna Polarization (H / V)	Frequency (MHz)	Peak Reading (dBµV)	Average Reading (dBµV)	Preamp Factor (dB)	Antenna Factor (dB/m)	Cable Factor (dB)	Adjusted Peak Reading (dBµV/m)	Adjusted Avg Reading (dBµV/m)	FCC Class B High Frequency - Peak			FCC Class B High Frequency - Average											
									Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)	Limit (dBµV/m)	Margin (dB)	Result (Pass/Fail)									
No Emissions found in this range																							
Table Result:				---	by	---	dB	Worst Freq:				---	MHz										
Test Site: EMI Chamber 2				Cable 1: Asset #2323				Cable 2: ---				Cable 3: ---											
Analyzer: Rental SA#4				Preamp: 18-26.5GHz				Antenna: 18-26.5GHz Horn				Preselector: ---											
CSsoft Radiated Emissions Calculator v 1.017.222																							
Adjusted Reading = Reading - Preamp Factor + Antenna Factor + Cable Factor																							
Copyright Curtis-Straus LLC 2000																							

18 – 25 GHz Vertical & Horizontal



18 – 25 GHz Vertical & Horizontal

802.11B Mid Channel Data Rate 2

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Electric Field 3m Distance
Top Peaks Vertical 1-6GHz

Notes:

802.11b Mid Ch

Data Rate: 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

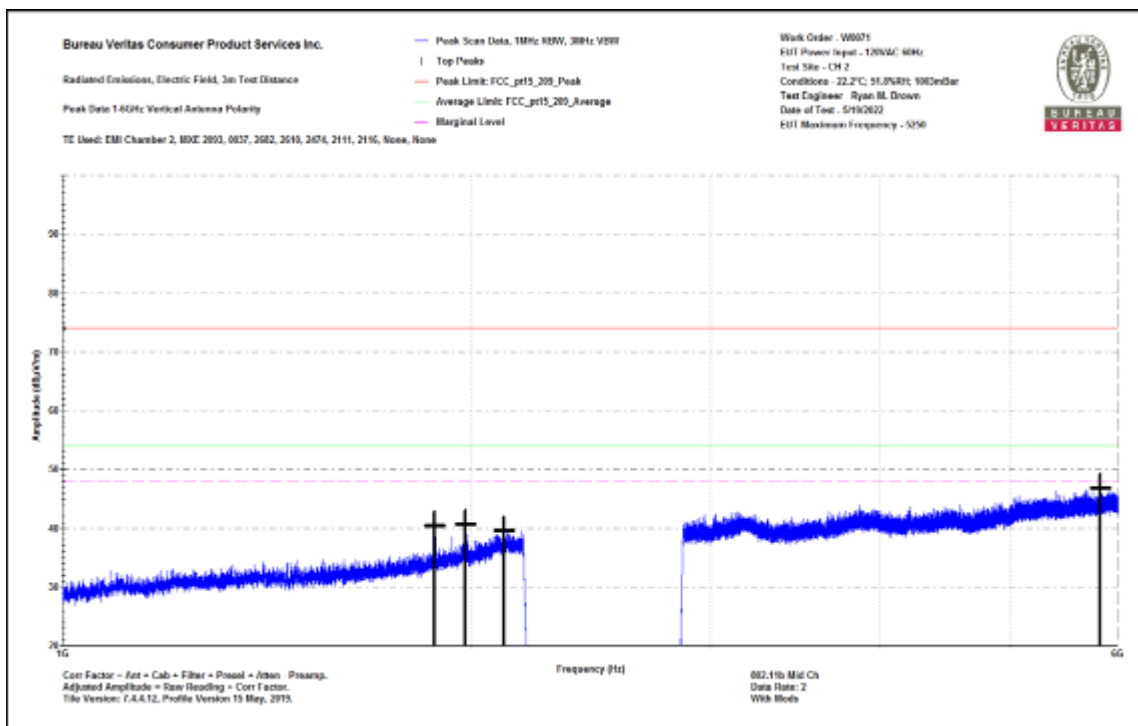
Conditions - 22.2°C; 51.8%RH; 1003mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Pk Lim: FCC_pt15_20 9_Peak (dBμV/m)	Margin to Peak Limit (dB)	Peak Limit Test Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Margin to Average Limit (dB)	Average Limit Test Result (Pass/Fail)	Average Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1879.25	51.7	-11.3	40.4	74	-33.6	PASS		54	-13.6	PASS		100	315
1980.5	51	-10.4	40.6	74	-33.4	PASS		54	-13.4	PASS		200	315
2113.88	48.2	-8.7	39.5	74	-34.5	PASS		54	-14.5	PASS		200	125
5822.88	48.9	-2.1	46.8	74	-27.2	PASS	-27.2	54	-7.2	PASS	-7.2	200	190

1 – 6 GHz Vertical



1 – 6 GHz Vertical

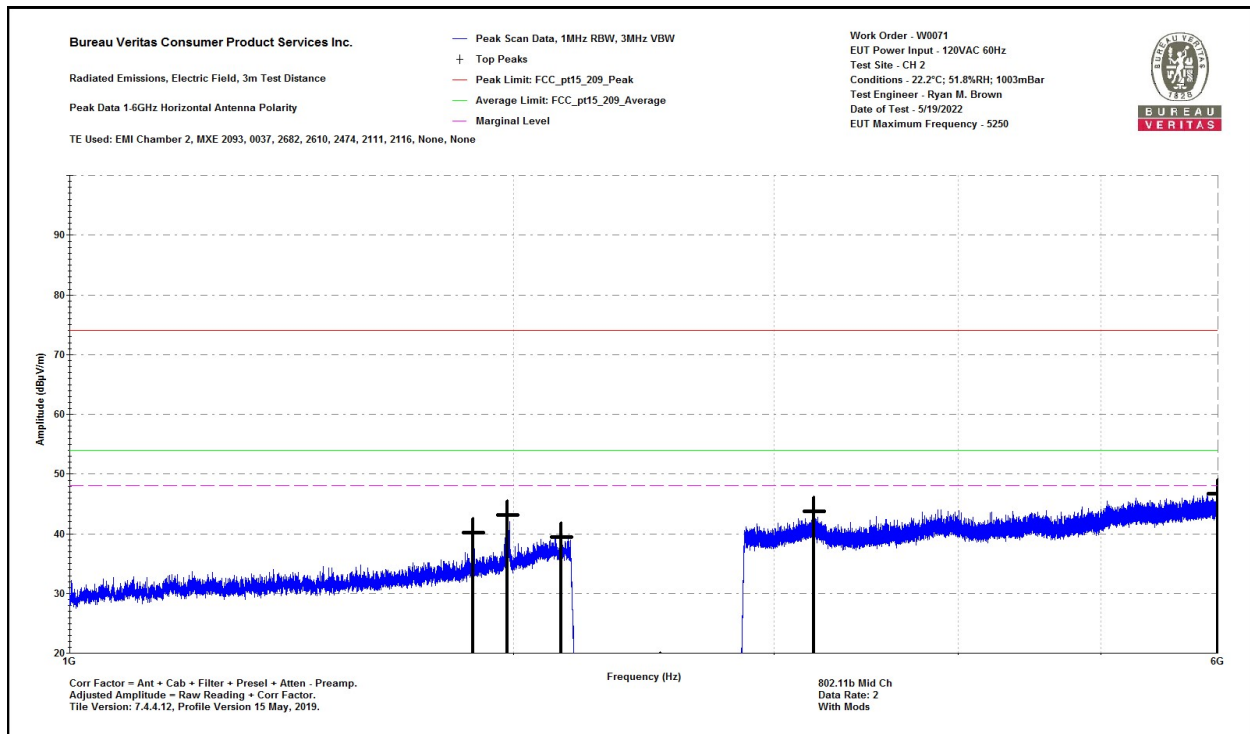


Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Horizontal 1-6GHz
 Notes:
 802.11b Mid Ch
 Data Rate: 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.2°C; 51.8%RH; 1003mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/19/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Pk Lim: FCC_pt15_209_Peak (dBμV/m)	Margin to Peak Limit (dB)	Peak Limit Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_209_Average (dBμV/m)	Margin to Avg Limit (dB)	Avg Limit Results (Pass/Fail)	Avg Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1877.13	51.5	-11.4	40.1	74	-33.9	PASS		54	-13.9	PASS		200	60
1980.25	53.5	-10.4	43.2	74	-30.8	PASS		54	-10.8	PASS		200	60
2152.25	48.1	-8.6	39.5	74	-34.5	PASS		54	-14.5	PASS		100	192
3194.38	50	-6.3	43.7	74	-30.3	PASS		54	-10.3	PASS		100	258
5998.88	48.6	-1.9	46.7	74	-27.3	PASS	-27.3	54	-7.3	PASS	-7.3	200	60

1 – 6 GHz Horizontal



1 – 6 GHz Horizontal