

Bureau Veritas Consumer Product Services Inc.
Radiated Emissions Electric Field 3m Distance
30-1000MHz Vertical Data

Notes:

802.11n Low Ch

Data Rate: MCS 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

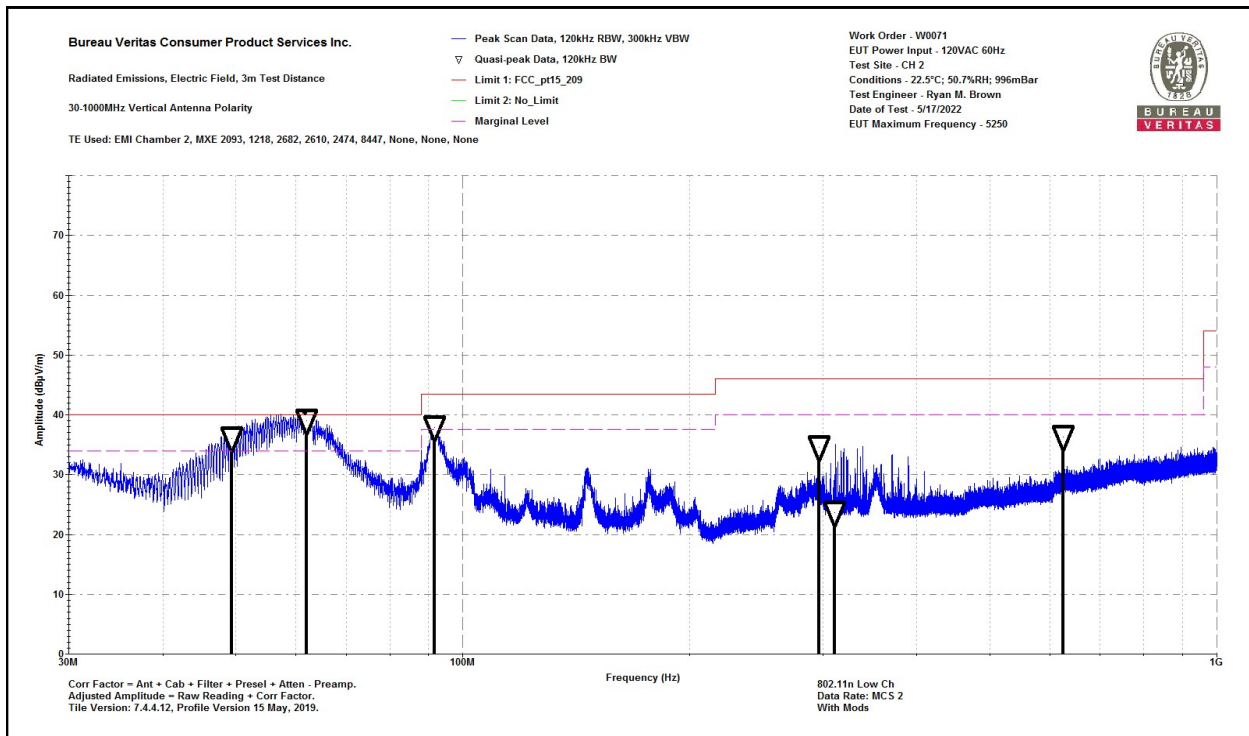
Conditions - 22.5°C; 50.7%RH; 996mBar

Test Engineer - Ryan M. Brown

Date of Test - 5/17/2022

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)
49.396	47.1	-11	36.1	40	-3.9	PASS		100	250
62.004	51	-12.1	39	40	-1	PASS	-1	100	200
91.653	49.4	-11.5	37.8	43.5	-5.7	PASS		125	16
297.026	39.1	-4.5	34.6	46	-11.4	PASS		125	25
311.428	27.8	-4.1	23.7	46	-22.3	PASS		125	165
625.025	35.4	0.9	36.3	46	-9.7	PASS		125	168

30 – 1000 MHz Vertical



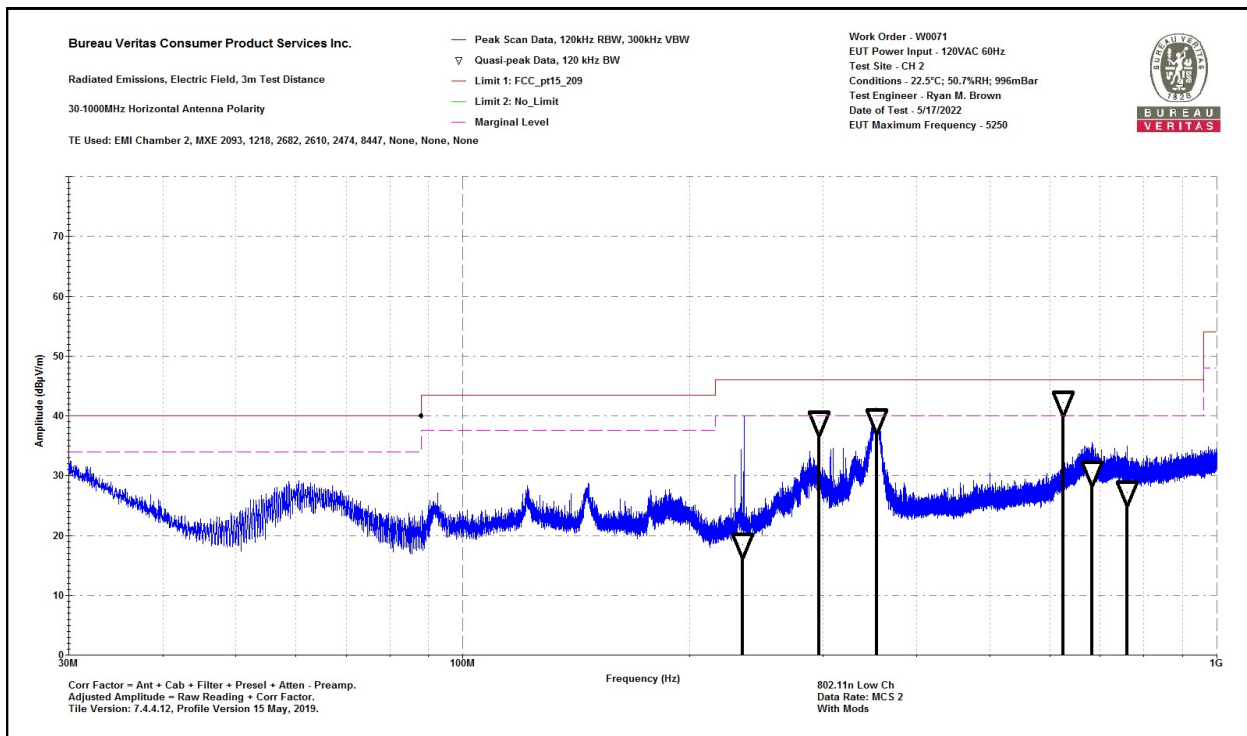
30 – 1000 MHz Vertical

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

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.5°C; 50.7%RH; 996mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/17/2022

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)
234.89	25.2	-6.8	18.4	46	-27.6	PASS		210	245
297.015	43.5	-4.5	38.9	46	-7.1	PASS		100	275
353.827	42.7	-3.5	39.3	46	-6.7	PASS		169	195
625.017	41.3	0.9	42.2	46	-3.8	PASS	-3.8	108	80
682.605	29.2	1.4	30.6	46	-15.4	PASS		100	33
760.298	24	3.3	27.2	46	-18.8	PASS		125	310

30- 1000 MHz Horizontal



30- 1000 MHz Horizontal

Bureau Veritas Consumer Product Services Inc.

Radiated Emissions Electric Field 3m Distance

Top Peaks Vertical 1-6GHz

Notes:

802.11n Low Ch

Data Rate: MCS 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

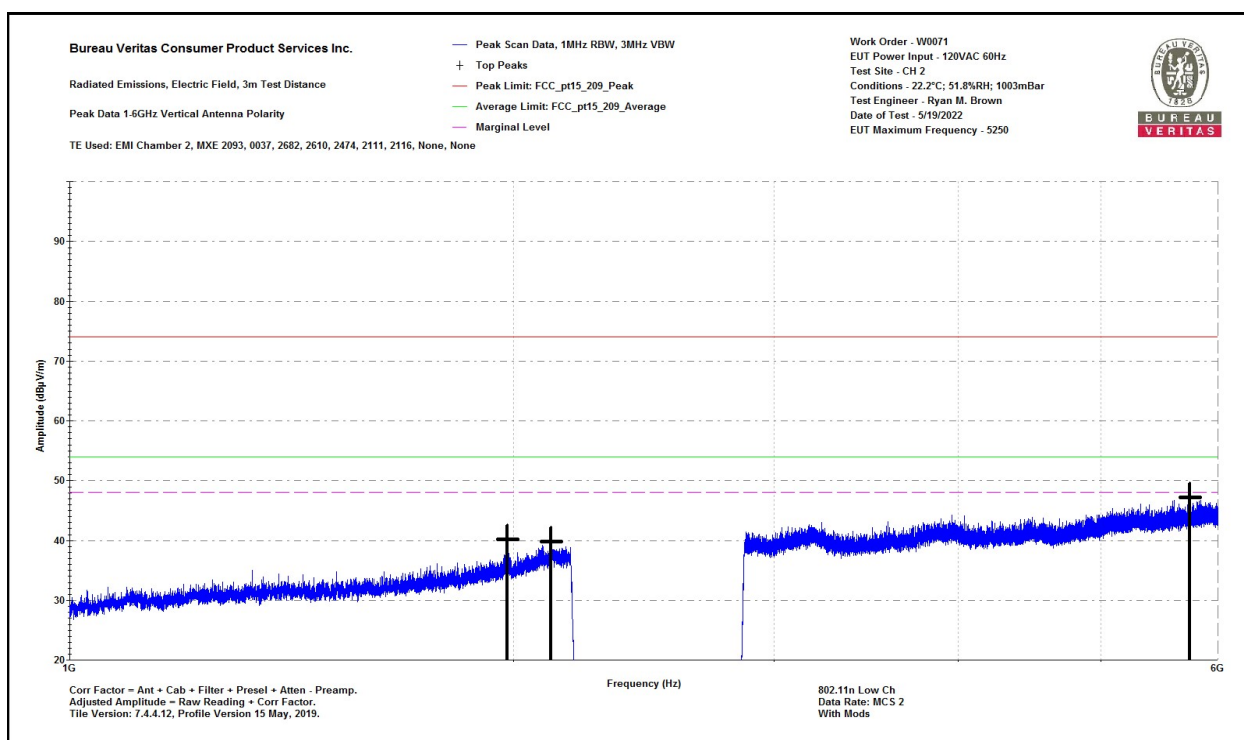
Conditions - 22.2°C; 51.8%RH; 1003mBar

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)
1980.25	50.6	-10.4	40.2	74	-33.8	PASS		54	-13.8	PASS		200	315
2120.13	48.4	-8.6	39.8	74	-34.2	PASS		54	-14.2	PASS		100	158
5743	49.4	-2.2	47.2	74	-26.8	PASS	-26.8	54	-6.8	PASS	-6.8	100	28

1 – 6 GHz Vertical



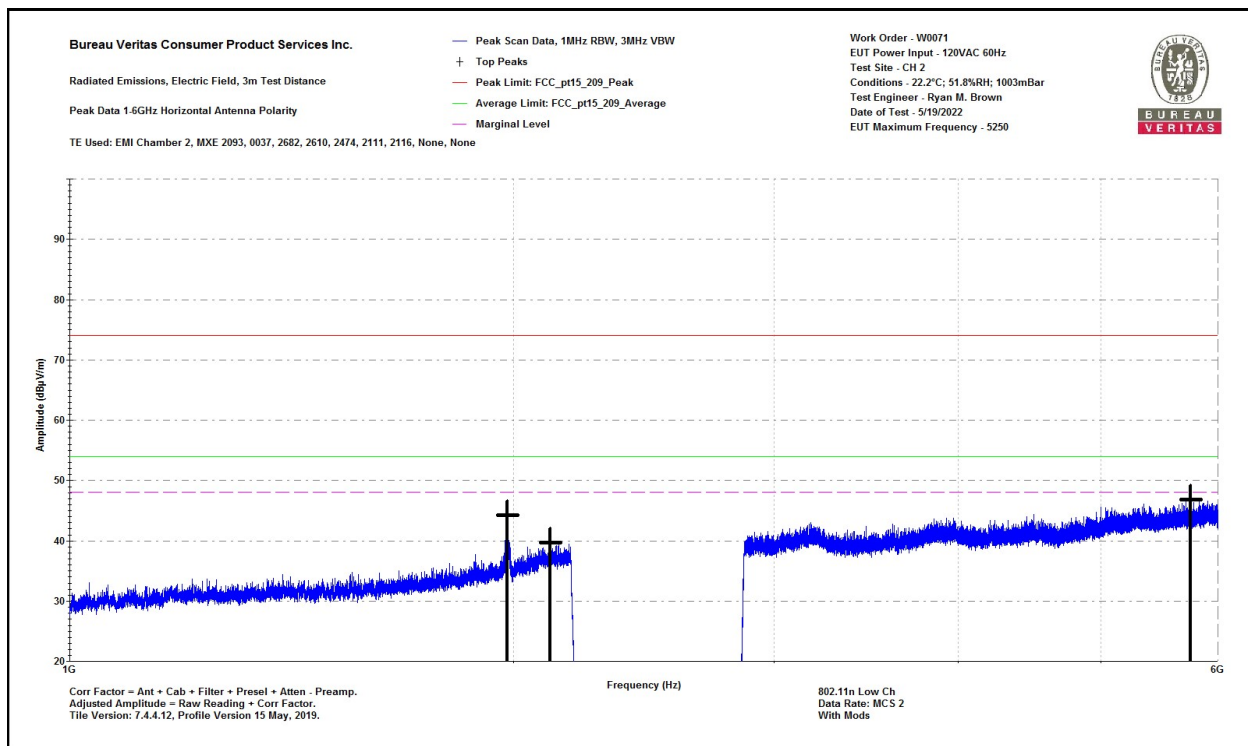
1 – 6 GHz Vertical

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Horizontal 1-6GHz
 Notes:
 802.11n Low Ch
 Data Rate: MCS 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 Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Margin to Avg Limit (dB)	Avg Limit Results (Pass/Fail)	Avg Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1979.75	54.6	-10.4	44.3	74	-29.7	PASS		54	-9.7	PASS		100	60
2115.5	48.3	-8.7	39.7	74	-34.3	PASS		54	-14.3	PASS		100	287
5749.63	49	-2.2	46.8	74	-27.2	PASS	-27.2	54	-7.2	PASS	-7.2	300	254

1 – 6 GHz Horizontal



1 – 6 GHz Horizontal

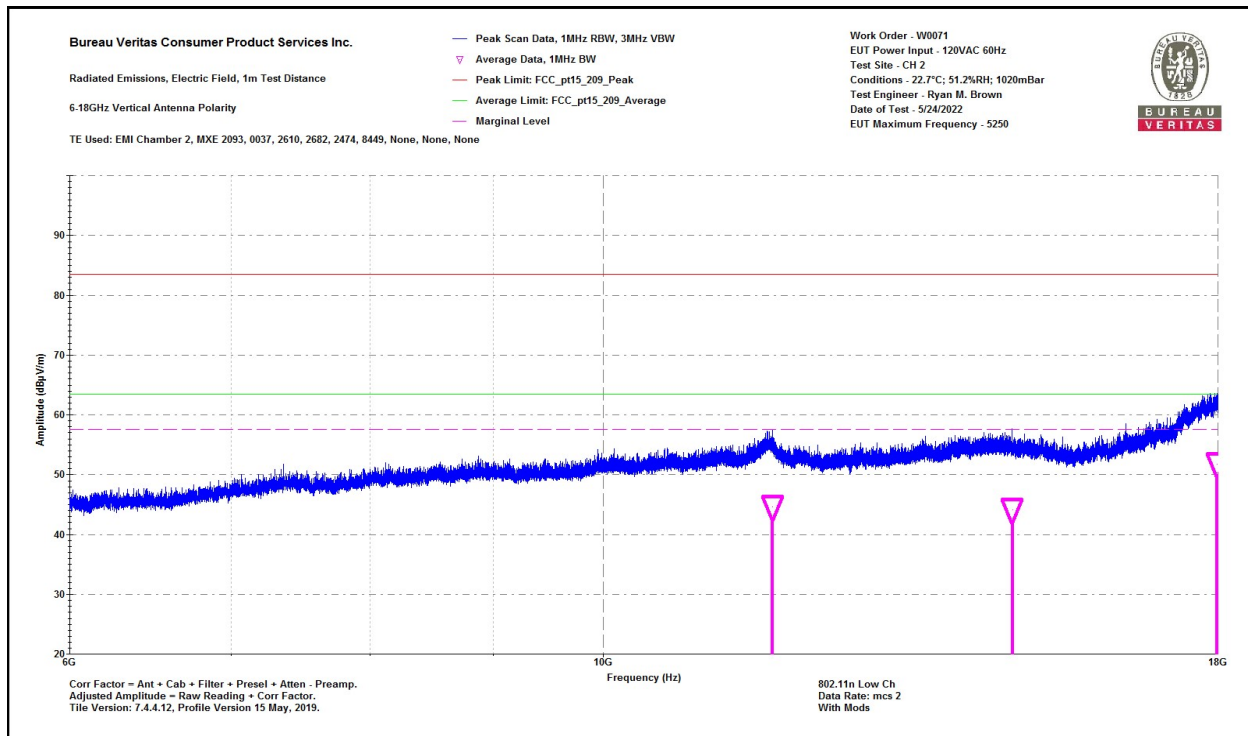
Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 1m Distance
 6-18GHz Vertical Data
 Notes:
 802.11n Low Ch
 Data Rate: mcs 2
 With Mods

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_20 9_Peak (dBμV/m)	Peak Margin (dB)	Peak Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Avg Margin (dB)	Avg Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11753	44.7	35.8	8.8	53.5	83.5	-30	PASS		44.6	63.5	-18.9	PASS		100	10
14786.7	42.5	33.1	11	53.5	83.5	-30	PASS		44.1	63.5	-19.4	PASS		100	141
17985.7	44.9	34.3	17.4	62.3	83.5	-21.2	PASS	-21.2	51.7	63.5	-11.8	PASS	-11.8	100	25

6 – 18 GHz Vertical





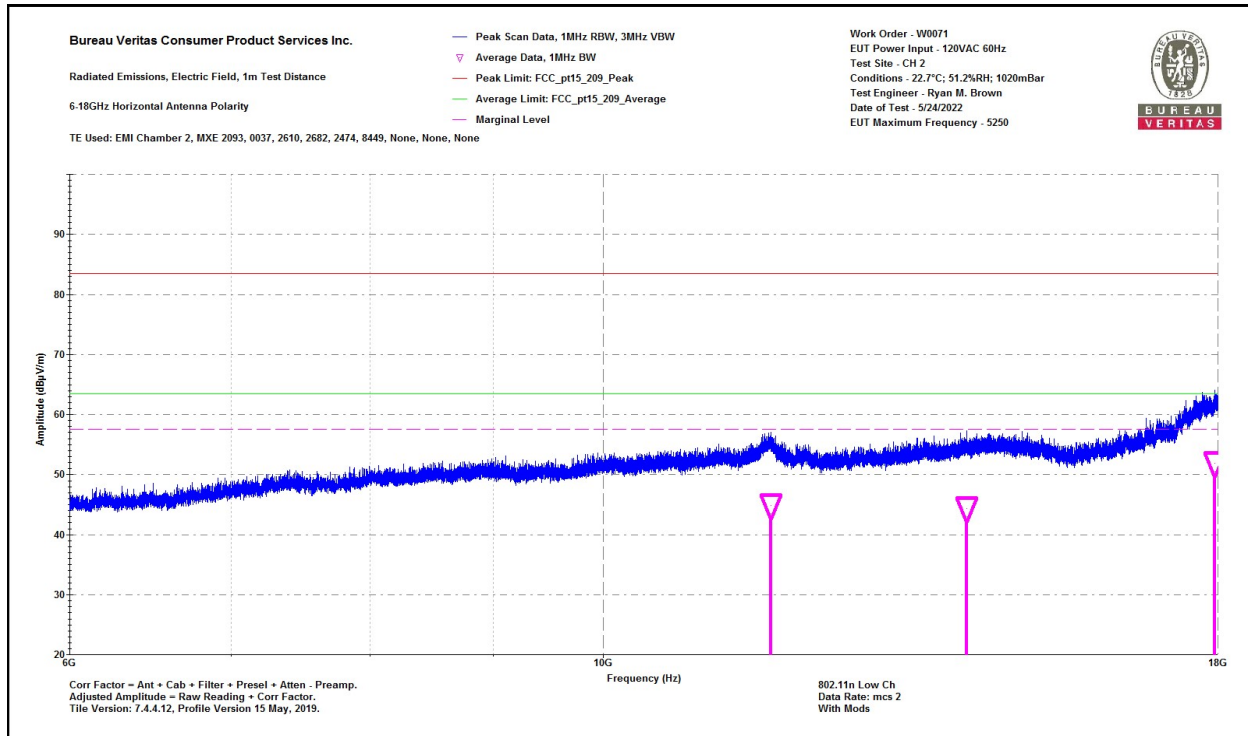
6 – 18 GHz Vertical

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 1m Distance
 6-18GHz Horizontal Data
 Notes:
 802.11n Low Ch
 Data Rate: mcs 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 Test Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_209_Average (dBμV/m)	Avg Margin (dB)	Avg Test Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11740.5	45.6	36	8.8	54.5	83.5	-29	PASS		44.9	63.5	-18.6	PASS		95	10
14157.4	42.1	32.8	11.6	53.7	83.5	-29.8	PASS		44.4	63.5	-19.1	PASS		100	0
17949.8	42.6	34.4	17.5	60.1	83.5	-23.4	PASS	-23.4	51.8	63.5	-11.7	PASS	-11.7	155	148

6 – 18 GHz Horizontal



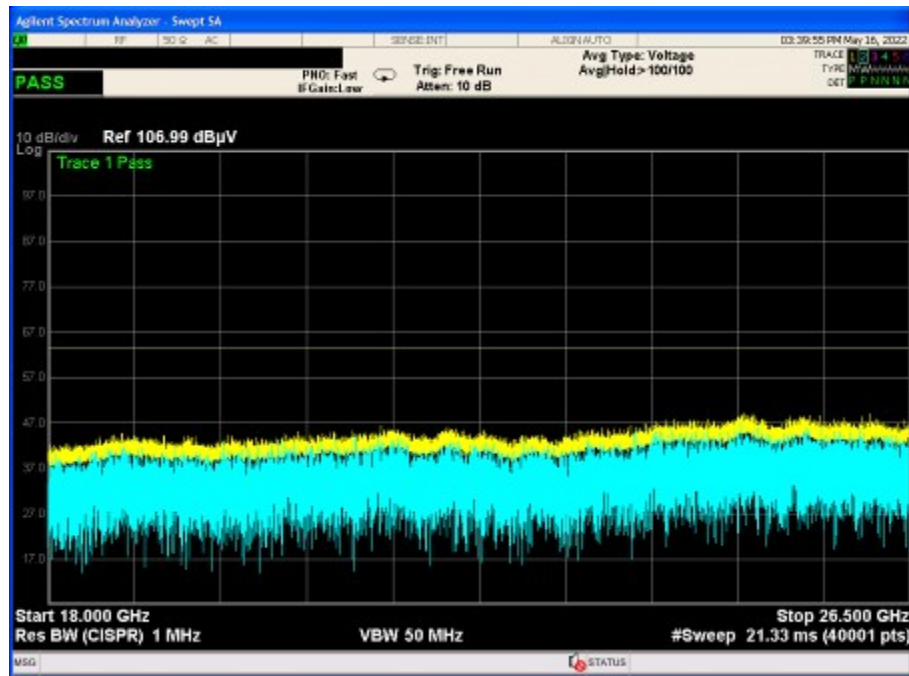
6 – 18 GHz Horizontal

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:						
Frequency Range: 18-26.5GHz								Measurement Distance: 1 m						
Notes: 802.11n Data Rate MCS 2								EUT Max Freq: 5250MHz						
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														
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18 – 25 GHz





18 – 25 GHz

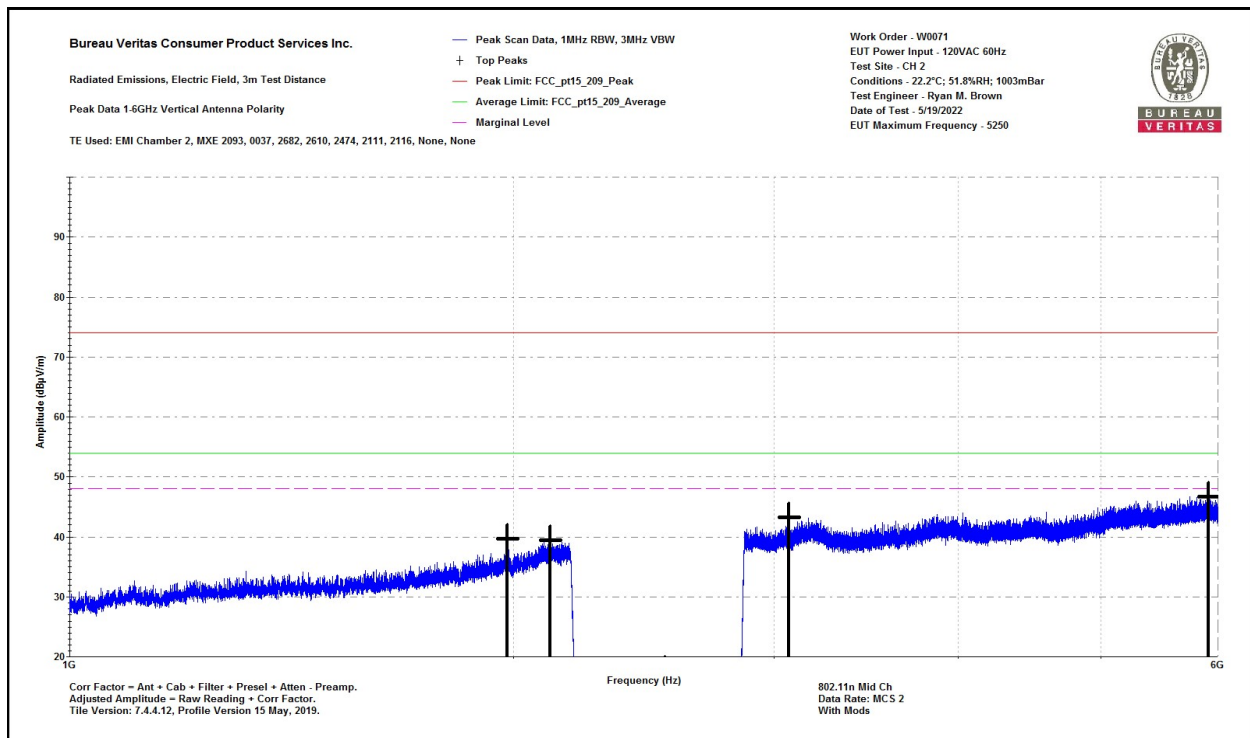
802.11n Mid Channel Data Rate MCS 2

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Vertical 1-6GHz
 Notes:
 802.11n Mid Ch
 Data Rate: MCS 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)
1980.13	50	-10.4	39.7	74	-34.3	PASS		54	-14.3	PASS		300	287
2115.88	48.2	-8.7	39.5	74	-34.5	PASS		54	-14.5	PASS		200	255
3074	50.4	-7.2	43.2	74	-30.8	PASS		54	-10.8	PASS		100	190
5915.13	48.5	-1.8	46.7	74	-27.3	PASS	-27.3	54	-7.3	PASS	-7.3	200	287

1 – 6 GHz Vertical



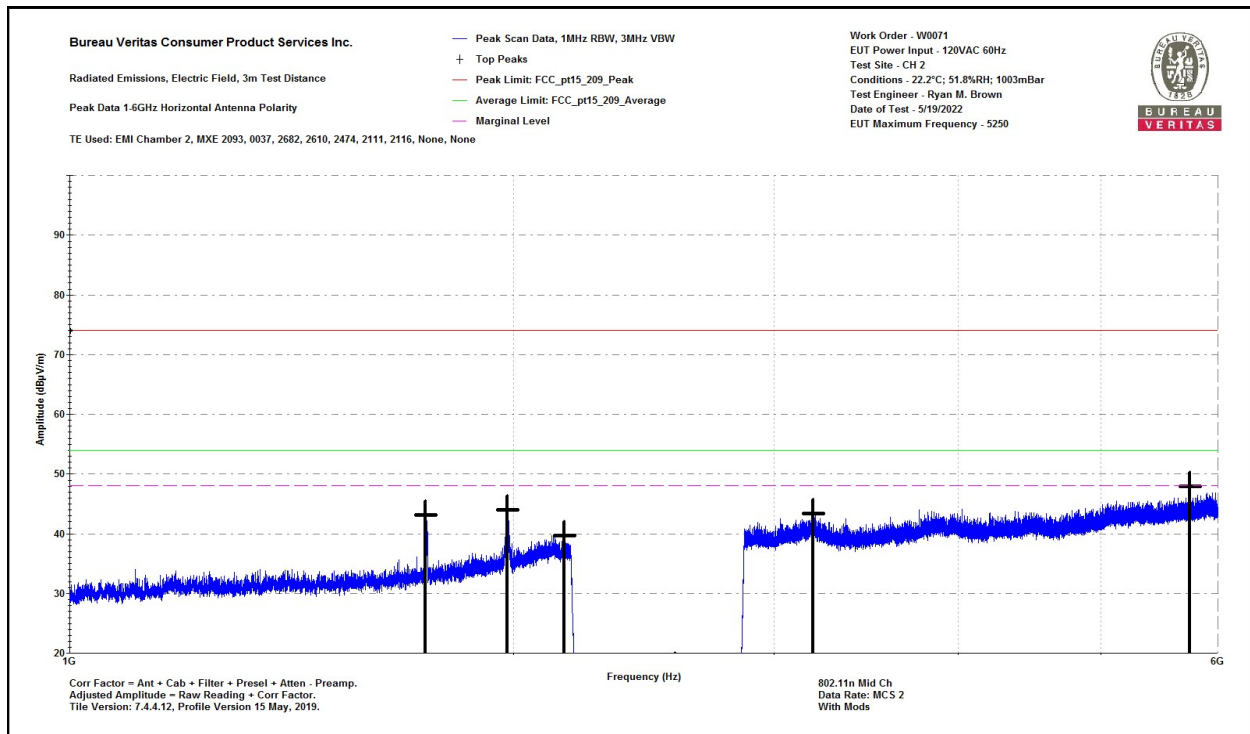
1 – 6 GHz Vertical

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Horizontal 1-6GHz
 Notes:
 802.11n Mid Ch
 Data Rate: MCS 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)
1741.38	55.4	-12.3	43.1	74	-30.9	PASS		54	-10.9	PASS		200	255
1980.13	54.4	-10.4	44	74	-30	PASS		54	-10	PASS		200	125
2163.88	48.3	-8.6	39.7	74	-34.3	PASS		54	-14.3	PASS		100	315
3189.5	49.7	-6.3	43.3	74	-30.7	PASS		54	-10.7	PASS		300	0
5740.88	50.1	-2.2	47.9	74	-26.1	PASS	-26.1	54	-6.1	PASS	-6.1	200	189

1 – 6 GHz Horizontal



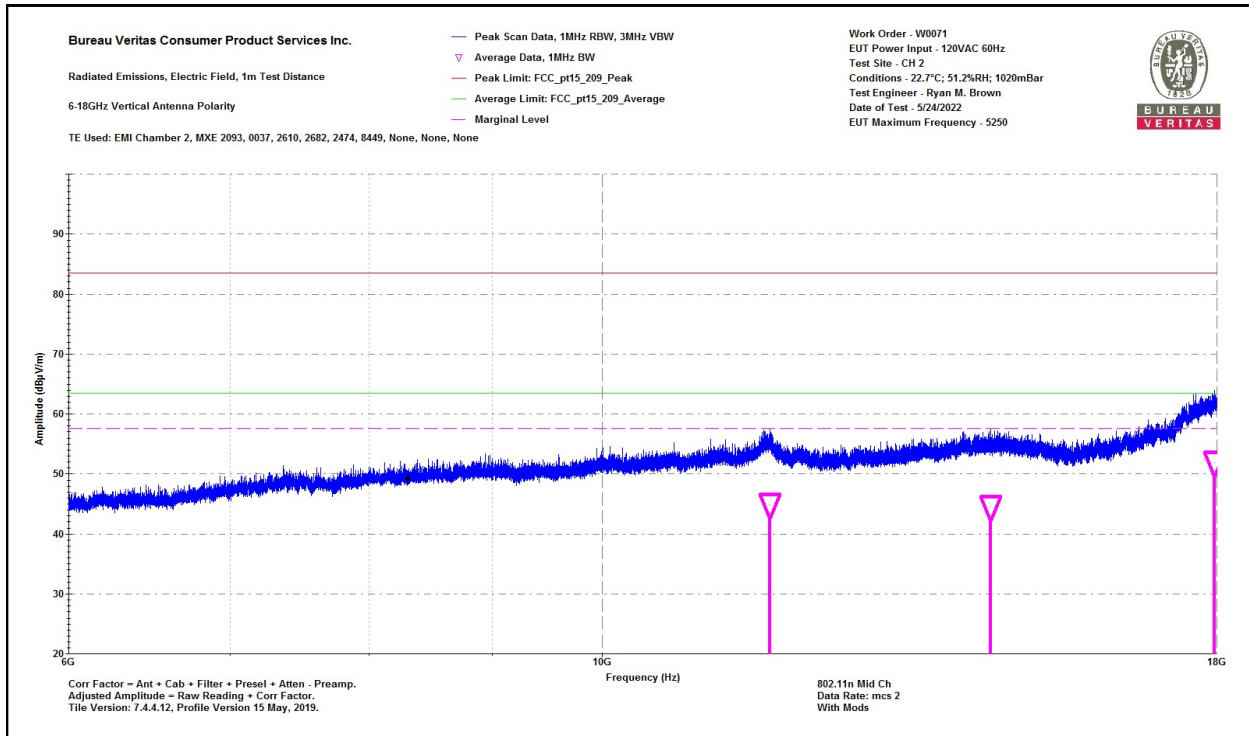
1 – 6 GHz Horizontal

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 1m Distance
 6-18GHz Vertical Data
 Notes:
 802.11n Mid Ch
 Data Rate: mcs 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_20 9_Peak (dBμV/m)	Peak Margin (dB)	Peak Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Avg Margin (dB)	Avg Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11740.6	45.4	36	8.8	54.3	83.5	-29.2	PASS		44.9	63.5	-18.6	PASS		200	209
14496.9	44.1	33.2	11.3	55.4	83.5	-28.1	PASS		44.5	63.5	-19	PASS		100	10
17962.5	44	34.4	17.5	61.4	83.5	-22.1	PASS	-22.1	51.9	63.5	-11.6	PASS	-11.6	100	100

6 – 18 GHz Vertical



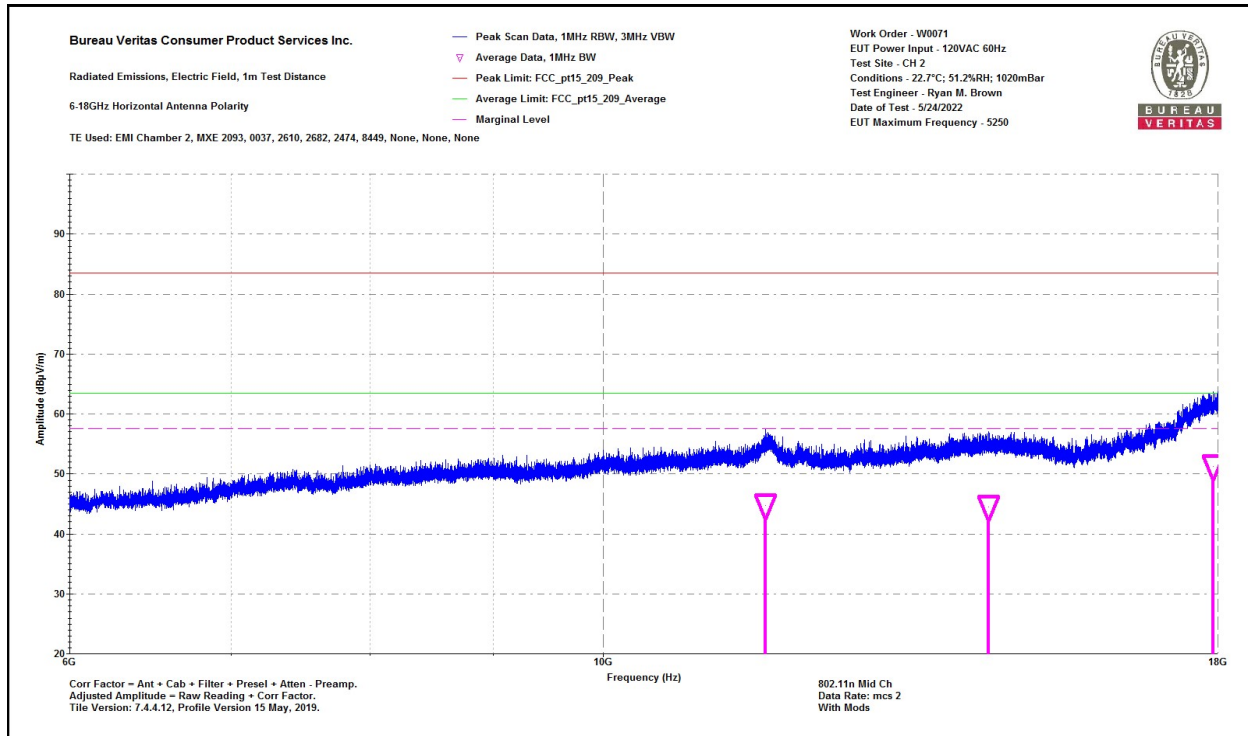
6 – 18 GHz Vertical

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 1m Distance
 6-18GHz Horizontal Data
 Notes:
 802.11n Mid Ch
 Data Rate: mcs 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_20 9_Peak (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Avg Margin (dB)	Avg Test Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11673	44	35.6	9.1	53.1	83.5	-30.4	PASS		44.7	63.5	-18.8	PASS		95	25
14452.5	41.1	33.1	11.4	52.5	83.5	-31	PASS		44.5	63.5	-19	PASS		95	264
17926.2	43.9	34.2	17.1	61	83.5	-22.5	PASS	-22.5	51.3	63.5	-12.2	PASS	-12.2	100	152

6 – 18 GHz Horizontal

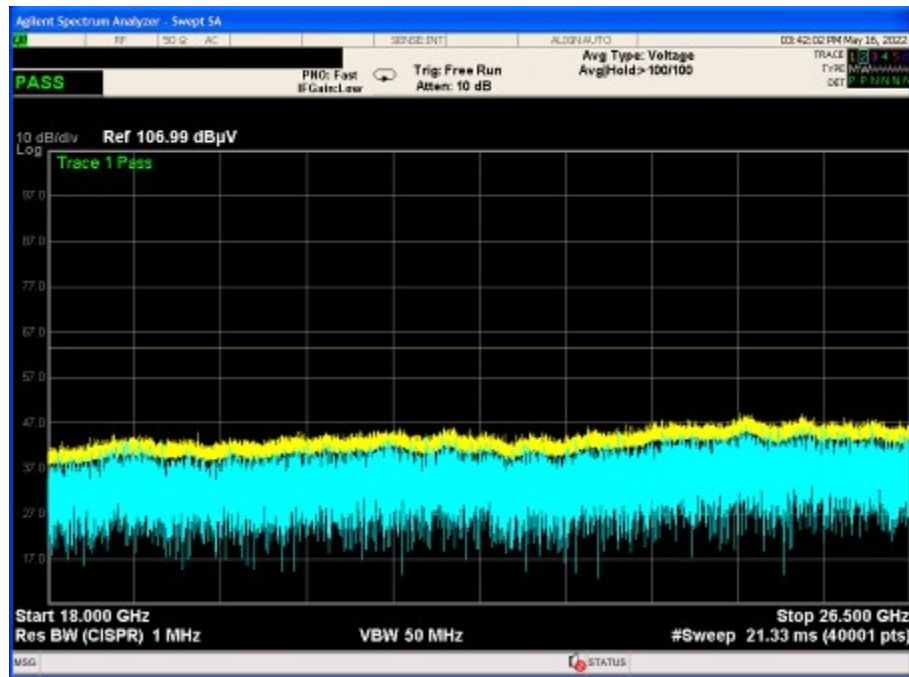


6 – 18 GHz Horizontal

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:								
Frequency Range: 18-26.5GHz						Measurement Distance: 1 m								
Notes: 802.11n Data Rate MCS 2						EUT Max Freq: 5250MHz								
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														
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18 – 25 GHz



18 – 25 GHz

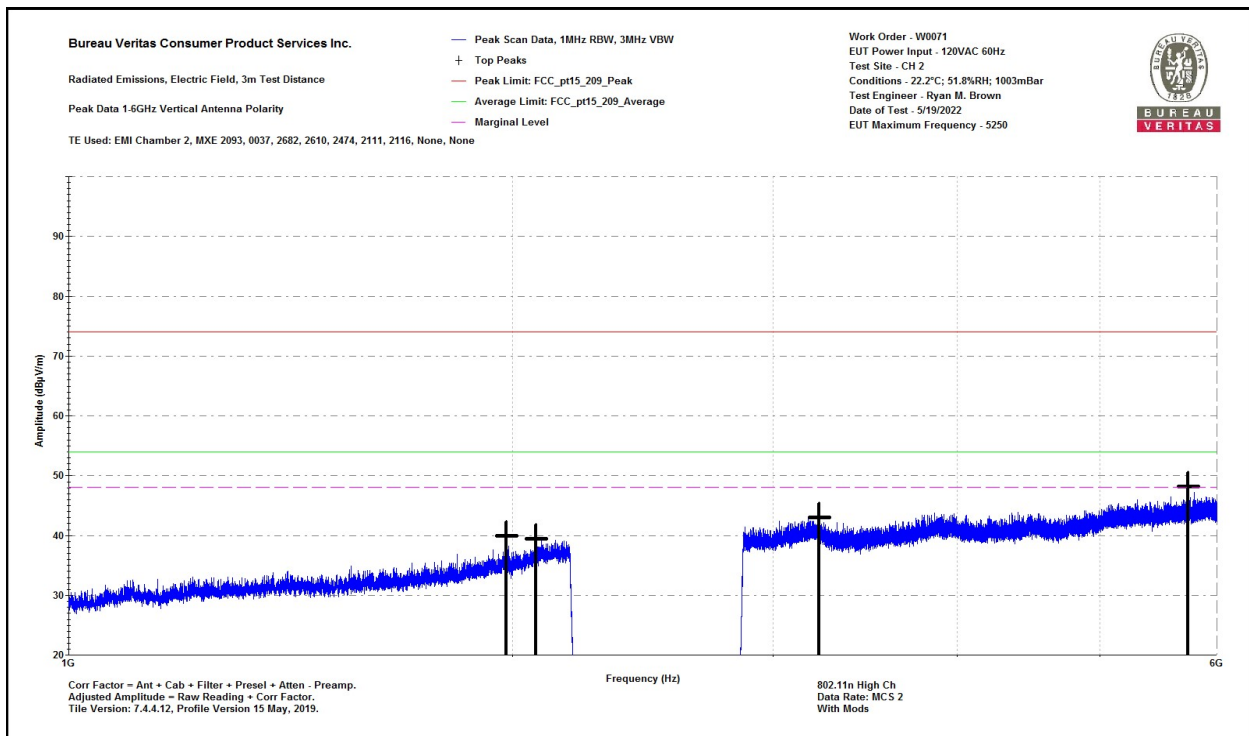
802.11n High Channel Data Rate MCS 2

Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 3m Distance
 Top Peaks Vertical 1-6GHz
 Notes:
 802.11n High Ch
 Data Rate: MCS 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)
1979.13	50.3	-10.4	39.9	74	-34.1	PASS		54	-14.1	PASS		100	223
2073.25	48.7	-9.2	39.4	74	-34.6	PASS		54	-14.6	PASS		300	289
3224.63	49.7	-6.6	43.1	74	-30.9	PASS		54	-10.9	PASS		300	257
5737	50.3	-2.2	48.1	74	-25.9	PASS	-25.9	54	-5.9	PASS	-5.9	200	0

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:

802.11n High Ch

Data Rate: MCS 2

With Mods

Work Order - W0071

EUT Power Input - 120VAC 60Hz

Test Site - CH 2

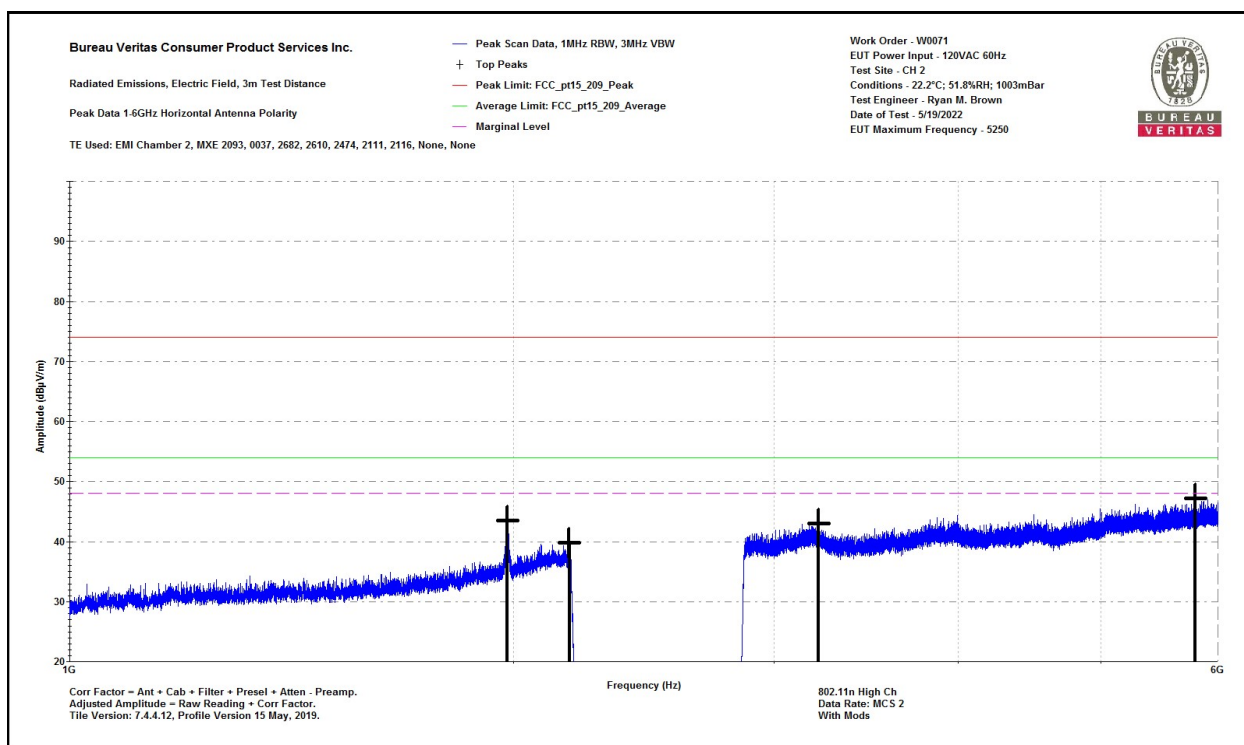
Conditions - 22.2°C; 51.8%RH; 1003mBar

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 Results (Pass/Fail)	Peak Limit Worst Margin (dB)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Margin to Avg Limit (dB)	Avg Limit Results (Pass/Fail)	Avg Limit Worst Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
1980.25	53.9	-10.4	43.5	74	-30.5	PASS		54	-10.5	PASS		200	288
2180.75	48.3	-8.5	39.8	74	-34.2	PASS		54	-14.2	PASS		200	93
3219.13	49.6	-6.6	43.1	74	-30.9	PASS		54	-10.9	PASS		200	190
5791.13	49.3	-2.2	47.2	74	-26.8	PASS	-26.8	54	-6.8	PASS	-6.8	300	93

1 – 6 GHz Horizontal



1 – 6 GHz Horizontal

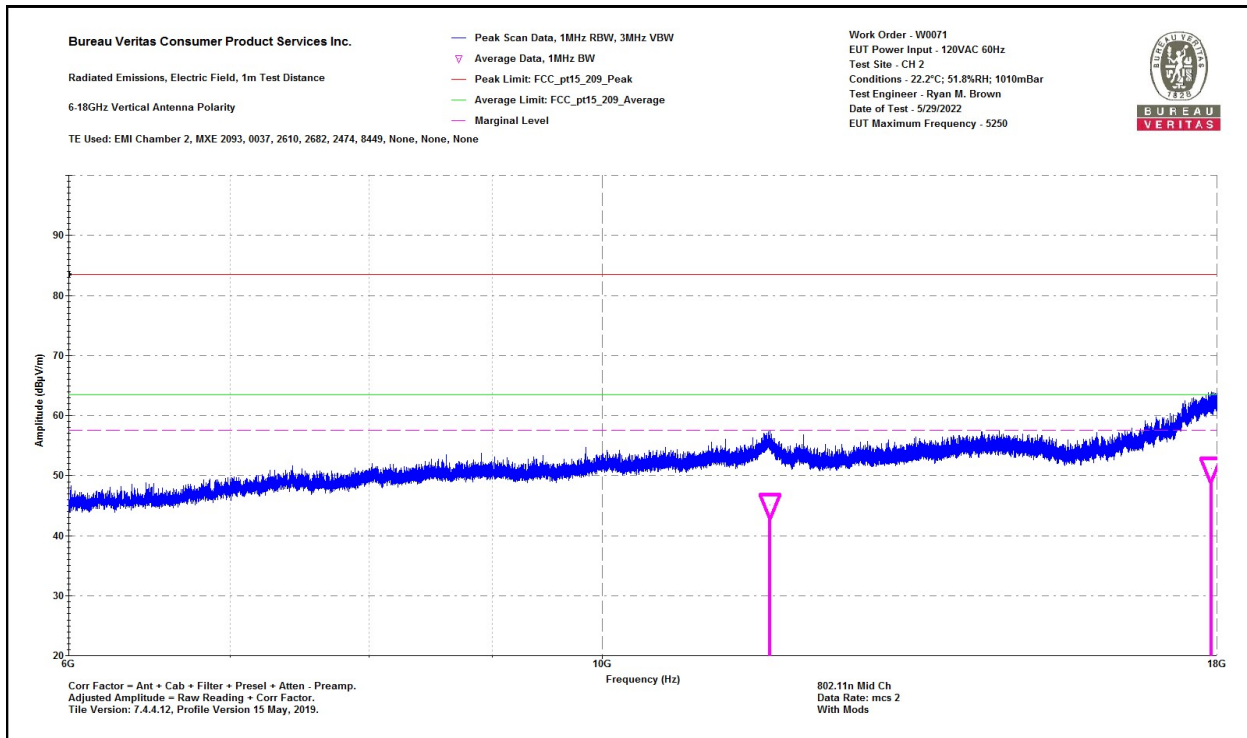


Bureau Veritas Consumer Product Services Inc.
 Radiated Emissions Electric Field 1m Distance
 6-18GHz Vertical Data
 Notes:
 802.11n Mid Ch
 Data Rate: mcs 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.2°C; 51.8%RH; 1010mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/29/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Raw Avg Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Pk Lim: FCC_pt15_20 9_Peak (dBμV/m)	Peak Margin (dB)	Peak Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Avg Margin (dB)	Avg Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11734.2	45.6	36.2	8.9	54.4	83.5	-29.1	PASS		45.1	63.5	-18.4	PASS		100	147
17900.2	43.6	34.3	16.8	60.4	83.5	-23.1	PASS	-23.1	51.1	63.5	-12.4	PASS	-12.4	200	29

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:
 802.11n Mid Ch
 Data Rate: mcs 2
 With Mods

Work Order - W0071
 EUT Power Input - 120VAC 60Hz
 Test Site - CH 2
 Conditions - 22.2°C; 51.8%RH; 1010mBar
 Test Engineer - Ryan M. Brown
 Date of Test - 5/29/2022

Frequency (MHz)	Raw Peak Reading (dBμV)	Raw Avg Reading (dBμV)	Correction Factor (dB/m)	Adjusted Peak Amplitude (dBμV/m)	Pk Lim: FCC_pt15_20 9_Peak (dBμV/m)	Peak Margin (dB)	Peak Test Results (Pass/Fail)	Worst Peak Margin (dB)	Adjusted Avg Amplitude (dBμV/m)	Av Lim: FCC_pt15_20 9_Average (dBμV/m)	Avg Margin (dB)	Avg Test Results (Pass/Fail)	Worst Avg Margin (dB)	Antenna Height (cm)	EUT Azimuth (degrees)
11706.9	46	35.9	9.1	55.1	83.5	-28.4	PASS		45	63.5	-18.5	PASS		100	181
14615.5	42.7	33.4	11.2	53.9	83.5	-29.6	PASS		44.5	63.5	-19	PASS		100	104
17949	43.4	34.4	17.5	60.8	83.5	-22.7	PASS	-22.7	51.9	63.5	-11.6	PASS	-11.6	100	101

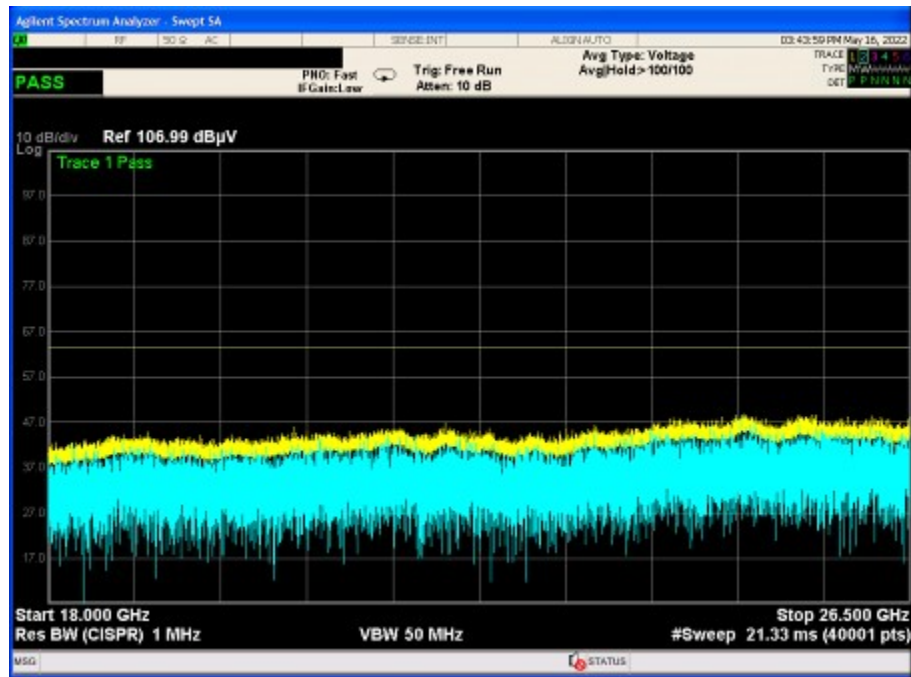
6 – 18 GHz Horizontal



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:					
Frequency Range: 18-26.5GHz									Measurement Distance: 1 m					
Notes: 802.11n Data Rate MCS 2						EUT Max Freq: 5250MHz								
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	Margin	Result	Limit	Margin	Result
									(dBμV/m)	(dB)	(Pass/Fail)	(dBμV/m)	(dB)	(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



18 – 25 GHz

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	FCC Code 719150	IC Code 2762A-7	VCCI Code A-0015	Range 30-1000MHz	Asset 1686	Cat I	Calibration Due 12/5/2022	Calibrated on 12/5/2020	
EMI Chamber 2	719150	2762A-7	A-0015	1-18GHz	1686	I	12/8/2022	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	
8449B HF Preamp	1-18GHz	8449B	Agilent	1149055		II	11/10/2022	11/10/2021	
8447F Rental PA	9KHz-1.3GHz	84477F	HP	3113A05395		II	10/18/2022	10/18/2021	
HF (Yellow)	18-26.5GHz	AFS4-18002650-60-8P-4	CS	467559	1266	II	10/26/2022	10/26/2021	
2116 BRF	0.009-18000MHz	BRM50702	Micro-Tronics	G226	2116	II	11/10/2022	11/10/2021	
Antennas									
Red-Brown Bilog	Range 30-2000MHz	MN JB1	Mfr Sunol	SN A0032406	Asset 1218	Cat I	Calibration Due 4/28/2023	Calibrated on 4/28/2021	
Yellow Horn	1-18GHz	3115	EMCO	9608-4898	37	I	10/20/2022	10/20/2020	
HF (White) Horn	18-26.5GHz	801-WLM	Waveline	758	758	III	Verify before Use	date of test	
Small Loop	10kHz-30MHz	PLA-130/A	ARA	1024	755	I	8/25/2022	8/25/2020	
Large Loop	20Hz-5MHz	6511	EMCO	9704-1154	67	I	8/21/2022	8/21/2020	
Meteorological Meters/Chambers									
Weather Clock (Pressure Only)		MN BA928	Mfr Oregon Scientific	SN C3166-1	Asset 831	Cat I	Calibration Due 11/23/2022	Calibrated on 11/23/2020	
Asset #2657		1235C97	Control Company	200435369	2657	I	7/23/2022	7/23/2020	
Cables									
Asset #2474	Range 9KHz-18GHz		Mfr MegaPhase			Cat II	Calibration Due 11/9/2022	Calibrated on 11/9/2021	
Asset #2610	9KHz-18GHz		Pasternack			II	3/16/2023	3/16/2022	
Asset #2323	1-26.5GHz	TM26-S1S1-120	MEGAPHASE	17139101 002		II	9/10/2022	9/10/2021	
Asset #2682	9KHz-18GHz		Pasternack			II	6/17/2022	6/17/2021	

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

Conducted Spurious Emissions

Test according to FCC title 47 part 15 §15.247(d), KDB 558074 D01 DTS Meas Guidance v05r02 8.5 and ANSI C63.10-2013 11.11.2 & 11.11.3

Measurement uncertainty calculated in accordance with ETSI TR 100 028-1.

Expanded Uncertainty (K=2) < 1.8 dB

LIMITS

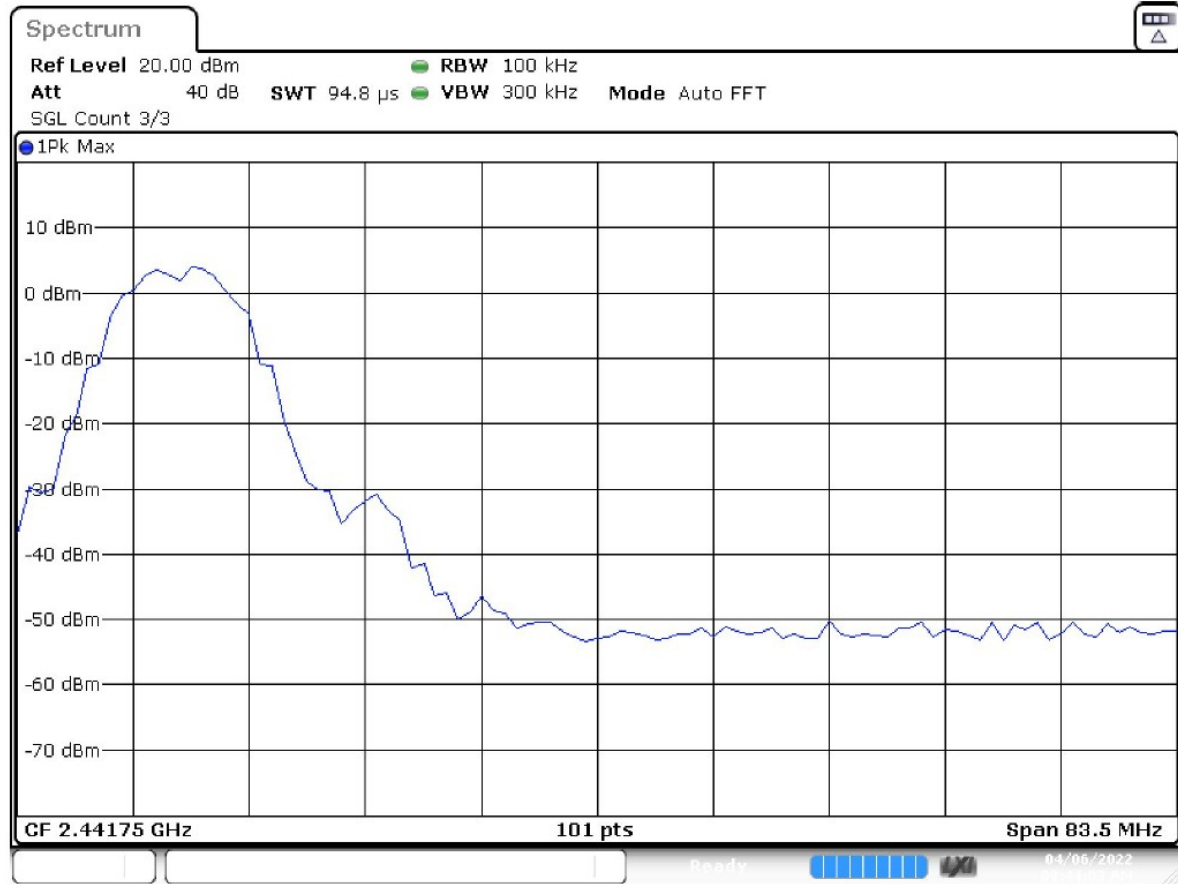
In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. [15.247(d)]

MEASUREMENTS / RESULTS

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-28.7	12.0	-16.7
7235.771887	-43.6	26.9	-16.7
15730.895134	-46.8	30.1	-16.7
2385.063025	-47.2	30.5	-16.7
19938.479707	-47.6	30.9	-16.7
19708.611666	-47.7	31.0	-16.7
16370.527943	-47.9	31.2	-16.7
17819.696026	-48.0	31.2	-16.7
19208.898534	-48.0	31.3	-16.7
15790.860710	-48.1	31.4	-16.7
20248.301849	-48.2	31.4	-16.7
20128.370697	-48.2	31.5	-16.7
19948.473969	-48.3	31.5	-16.7
19538.709201	-48.3	31.5	-16.7
16430.493519	-48.3	31.6	-16.7

802.11 b Low Channel Data Rate 2



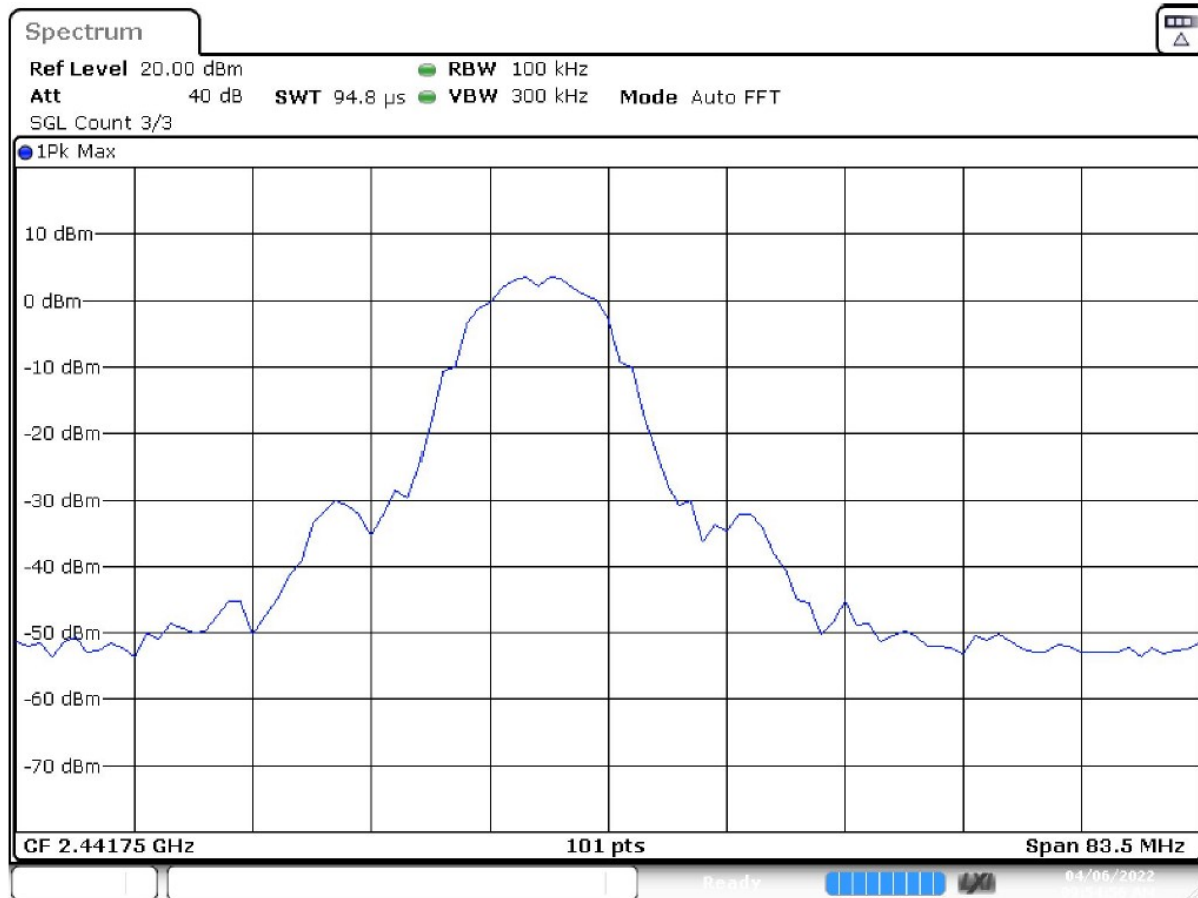
Date: 6.APR.2022 09:44:03

802.11 b Low Channel Data Rate 2 In band Power Measurement

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7315.725988	-42.7	25.4	-17.2
7305.731725	-43.3	26.1	-17.2
16400.510731	-47.3	30.1	-17.2
20218.319061	-47.3	30.1	-17.2
20228.313323	-47.4	30.1	-17.2
19788.565767	-47.6	30.4	-17.2
19828.542818	-47.7	30.4	-17.2
17849.678814	-47.8	30.6	-17.2
20308.267425	-48.0	30.8	-17.2
19598.674777	-48.1	30.9	-17.2
20278.284637	-48.1	30.9	-17.2
20258.296111	-48.2	31.0	-17.2
20248.301849	-48.2	31.0	-17.2
19528.714938	-48.3	31.0	-17.2
19838.537080	-48.3	31.1	-17.2

802.11 b Mid Channel Data Rate 2



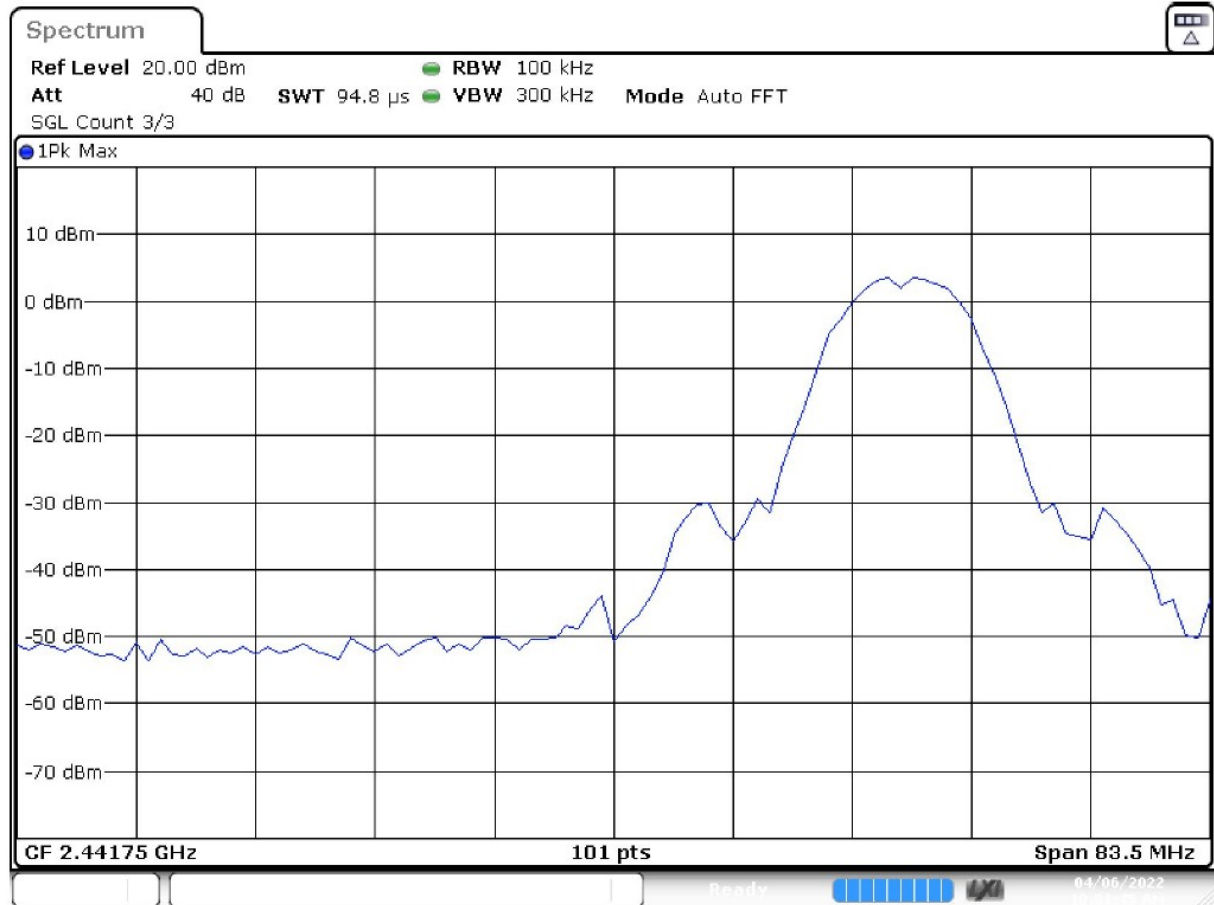
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802.11 b Mid Channel Data Rate 2 In band Power Measurement

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
7385.685827	-41.7	24.6	-17.2
2488.497131	-42.9	25.7	-17.2
15720.900871	-46.2	29.1	-17.2
19898.502656	-47.4	30.2	-17.2
20198.330535	-47.5	30.3	-17.2
17759.730450	-47.5	30.4	-17.2
20218.319061	-47.6	30.4	-17.2
16790.286974	-47.7	30.5	-17.2
16760.304186	-47.7	30.6	-17.2
16420.499256	-47.8	30.6	-17.2
15770.872184	-47.9	30.7	-17.2
15740.889397	-47.9	30.7	-17.2
20258.296111	-47.9	30.7	-17.2
20188.336273	-47.9	30.8	-17.2
20208.324798	-47.9	30.8	-17.2

802.11 b High Channel Data Rate 2



Date: 6.APR.2022 10:01:45

802.11 b High Channel Data Rate 2 In band Power Measurement

Pre Measurements

Frequency (MHz)	Level (dBm)	Margin (dB)	Limit (dBm)
2395.021008	-31.6	11.7	-19.9
2385.063025	-37.8	17.9	-19.9
20158.353485	-46.9	27.0	-19.9
2375.105042	-47.3	27.4	-19.9
20278.284637	-48.0	28.1	-19.9
19478.743625	-48.3	28.4	-19.9
20118.376434	-48.3	28.4	-19.9
19498.732150	-48.4	28.5	-19.9
20248.301849	-48.5	28.6	-19.9
17839.684552	-48.5	28.6	-19.9
20218.319061	-48.5	28.6	-19.9
17040.143540	-48.6	28.6	-19.9
15790.860710	-48.6	28.7	-19.9
19818.548555	-48.6	28.7	-19.9
22606.947833	-48.6	28.7	-19.9

802.11 g Low Channel Data Rate 48



Date: 6 APR 2022 14:50:31

802.11 g Low Channel Data Rate 48 In band Power Measurement