

RF Test Report

Applicant : DT Research, Inc.

Applicant Address : 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW
TAIPEI, Taiwan

Product Name : Intel Wi-Fi 7 BE200

Trade Name : DT Research

Model Number : BE200NGW

Applicable Standard : FCC 47 CFR PART 15 SUBPART C

Received Date : Jun. 01, 2026

Test Period : Jul. 03, 2026 ~ Jul. 08, 2026

Issued Date : Jul. 17, 2026

Issued by

Eurofins E&E Wireless Taiwan Co., Ltd.
No. 140-1, Changan Street, Bade District,
Taoyuan City, Taiwan (R.O.C.)
Tel : +886-3-2710188 / Fax : +886-3-2710190



Taiwan Accreditation Foundation accreditation number: 1330

Frequency Range: 9 kHz to 325 GHz

Bade test site :

Test Firm Registration Number: 226252

Test Firm Designation Number: TW0010

Wugu test site :

Test Firm Registration Number: 191812

Test Firm Designation Number: TW0034

Note:

1. The test results are valid only for samples provided by customers and under the test conditions described in this report.
2. This report shall not be reproduced except in full, without the written approval of Eurofins E&E Wireless Taiwan Co., Ltd.
3. The relevant information is provided by customers in this test report. According to the correctness, appropriateness or completeness of the information provided by the customer, if there is any doubt or error in the information which affects the validity of the test results, the laboratory does not take the responsibility.

Revision History

Rev.	Issued Date	Description	Revised by
00	Jul. 17, 2026	Initial Issue	Rowan Hsieh

Verification of Compliance

Applicant : DT Research, Inc.

Applicant Address : 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW
TAIPEI, Taiwan

Product Name : Intel Wi-Fi 7 BE200

Trade Name : DT Research

Model Number : BE200NGW

FCC ID : YE3600-BE200NG

Applicable Standard : FCC 47 CFR PART 15 SUBPART C

Test Result : Complied

Issued By : Eurofins E&E Wireless Taiwan Co., Ltd.
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Taiwan Accreditation Foundation accreditation number: 1330



Eurofins E&E Wireless Taiwan Co., Ltd. tested the above equipment in accordance with the requirements set forth in the above standards. All indications of Pass/Fail in this report are opinions expressed by Eurofins E&E Wireless Taiwan Co., Ltd. based on interpretations and/or observations of test results. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.

Approved By :

Kai Yu Yang / RF Supervisor

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Appendix A. Test Setup Photographs

1 General Information

1.1. Summary of Test Result

Standard	Item	Result	Remark
15.207	AC Power Conducted Emission	N/A	Note 1
15.247(d)	Transmitter Radiated Emissions	PASS	Note 2
15.247(b)(3)	Max. Output Power	N/A	Note 1
15.247(a)(2)	6 dB RF Bandwidth	N/A	Note 1
15.247(e)	Maximum Power Spectral Density	N/A	Note 1
15.247(d)	Out of Band Conducted Spurious Emission	N/A	Note 1
15.203	Antenna Requirement	PASS	-----

Note 1 : No test for this item, test results could be referred to RF module BE200NGW report (230526-08.TR16).

Note 2 : Only verify the worst channel of Band Edge and Harmonic.

Decision Rule

- ☒ Uncertainty is not included.
- ☐ Uncertainty is included.

Standard	Description
CFR47, Part 15, Subpart C	Intentional Radiators
ANSI C63.10-2020+Cor.1-2023	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices
KDB 558074 D01 15.247 Meas Guidance v05r02	GUIDANCE FOR COMPLIANCE MEASUREMENTS ON DIGITAL TRANSMISSION SYSTEM, FREQUENCY HOPPING SPREAD SPECTRUM SYSTEM, AND HYBRID SYSTEM DEVICES OPERATING UNDER SECTION 15.247 OF THE FCC RULES

1.2. Testing Location

Lab Name: Eurofins E&E Wireless Taiwan Co., Ltd.
Site Address: ☐ No. 140-1, Changan Street, Bade District, Taoyuan City, Taiwan (R.O.C.)
Site Address: ☒ No. 2, Wuquan 5th Rd. Wugu Dist., New Taipei City, Taiwan (R.O.C.)

1.3. Measurement Uncertainty

Test Item	Frequency	Uncertainty				
		BD		WG		
Conducted Emission	150 kHz ~ 30 MHz	2.7 dB		2.6 dB		
Conducted Output Power		1.1 dB		1.1 dB		
Duty Cycle		0.3 %		0.3 %		
Test Item	Frequency	Uncertainty				
		96601-BD	96603-BD	96602-WG	96603-WG	96604-WG
Radiated Emission	9 kHz ~ 30 MHz	1.8 dB	1.8 dB	1.6 dB	1.6 dB	1.7 dB
	30 MHz ~ 1000 MHz	4.7 dB	4.6 dB	4.7 dB	4.7 dB	4.5 dB
	1000 MHz ~ 18000 MHz	4.4 dB	4.5 dB	4.5 dB	4.7 dB	5.0 dB
	18000 MHz ~ 26500 MHz	3.6 dB	3.8 dB	3.8 dB	4.0 dB	4.3 dB
	26500 MHz ~ 40000 MHz	3.9 dB	3.9 dB	4.0 dB	4.0 dB	4.4 dB

1.4. Test Site Environment

Items	Required (IEC 60068-1)	Interval(*)
Temperature (°C)	15-35	20-30
Humidity (%RH)	25-75	45-75

(*)The measurement ambient temperature is within this range.

2 Description of Equipment Under Test

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity

Applicant	DT Research, Inc. 3RD FL NO 36 WUQUAN 7TH RD WUGU DISTRICT, NEW TAIPEI, Taiwan			
Product Name	Intel Wi-Fi 7 BE200			
Trade Name	DT Research			
Model Number	BE200NGW			
FCC ID	YE3600-BE200NG			
Host Information	Product Name: Medical-Grade All-in-One Computer Trade Name: DT Research Model Name: DT556LA, DT573LA (The two models differ in screen size and antenna; the rest of the hardware and motherboard design are identical.)			
Operate Freq. Band	Frequency Range (MHz)	Modulation	Channel Bandwidth	
802.11b	2412 ~ 2472	DSSS	20 MHz	
802.11g	2412 ~ 2472	OFDM	20 MHz	
802.11n HT20	2412 ~ 2472	OFDM	20 MHz	
802.11n HT40	2422 ~ 2462	OFDM	40 MHz	
802.11ax HE20	2412 ~ 2472	OFDMA	20 MHz	
802.11ax HE40	2422 ~ 2462	OFDMA	40 MHz	
802.11be EHT20	2412 ~ 2472	OFDMA	20 MHz	
802.11be EHT40	2422 ~ 2462	OFDMA	40 MHz	
Operate Temp. Range	0 ~ +50 °C			
EUT Power Rating	3.3 Vdc			
Antenna information	For DT556LA			
	Antenna	Model Number	Type	Max. Gain (dBi)
	Main	AJ6F1J-B0455	PIFA Antenna	1.8
	AUX	AJ6F1J-W0245	PIFA Antenna	1.9
	For DT573LA			
	Antenna	Model Number	Type	Max. Gain (dBi)
	Main	AJ6B1J-B0525	PIFA Antenna	2.0
	AUX	AJ6B1J-W0270	PIFA Antenna	1.8

Testing Sample No.	
Test Item	Sample Number
Radiation	C266001_A003/A004
Conducted	C266001_A003

3 Test Methodology

3.1. Mode of Operation

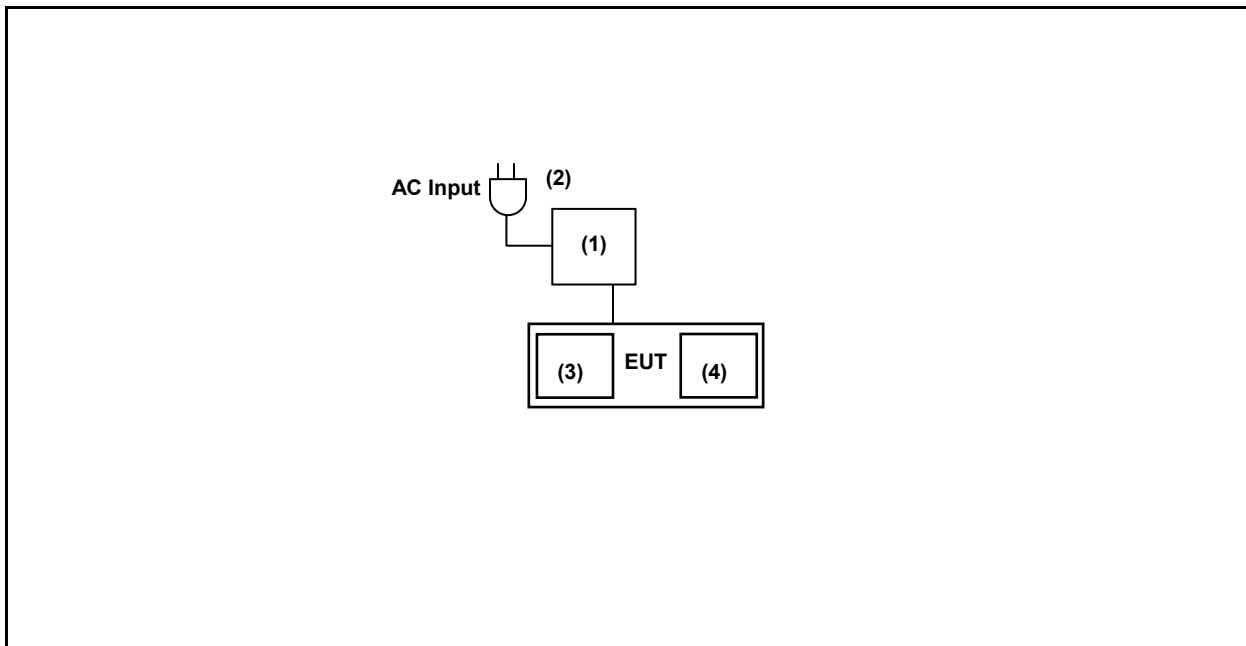
Decision of Test Eurofins has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	Final-Test Mode
802.11be EHT20	V

3.2. EUT Test Step

1	Setup the EUT by “Configuration of Test System Details” shown below.
2	Turn on the power of all equipment.
3	The EUT was programmed to be in continuously transmitting mode.
4	The EUT get into the test mode to provide data rate, channel, bandwidth and power level.

3.3. Configuration of Test System Details



	Product	Manufacturer	Model Number	Serial Number	Power Cord
(1)	Adapter	EDAC	EM10681V	---	---
(2)	Power Cord	N/A	N/A	---	---
(3)	Battery	POW TECH	ACC-006-28L	---	---
(4)	Battery	POW TECH	ACC-006-26L	---	---

3.4. Test Instruments

For Conducted

Test Period: Jul. 03, 2026

Testing Engineer: Joanne Tian

Test Site		RF04-WG				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Spectrum Analyzer (10 Hz~26.5 GHz)	Keysight	N9010B	MY63460164	Mar. 02, 2026	1 year
☒	Power Sensor	Anritsu	MA24418A	12662	Dec. 09, 2025	1 year

For Radiated Emissions

Test Period: Jul. 06, 2026 ~ Jul. 08, 2026

Testing Engineer: Jack Chang

Radiation test sites		Semi Anechoic Room 96604-WG				
Use	Equipment	Manufacturer	Model Number	Serial Number	Cal. Date	Cal. Period
☒	Broadband Horn Antenna (1 GHz~18 GHz)	RF SPIN	DRH18-E	211208A18EN	Sep. 23, 2025	1 year
☒	Broadband Horn Antenna (15 GHz~40 GHz)	Schwarzbeck Mess-Elektronik	BBHA9170	01133	Jan. 16, 2026	1 year
☒	Spectrum Analyzer (10 Hz~44 GHz)	KEYSIGHT	N9020B	MY60112361	Jan. 13, 2026	1 year
☒	Pre-Amplifier	SGH	SGH118-EMC	20230715-3	Sep. 10, 2025	1 year
☒	Pre-Amplifier	EMCI	EMC184045SE	980861	Dec. 18, 2024	1 year
☒	Coaxial Cable (1 GHz~18 GHz)	EMCI	EMC104-SM-SM-1000	211027	Oct. 22, 2025	1 year
☒	Coaxial Cable (1 GHz~18 GHz)	EMCI	EMC104-SM-SM-2000	211031	Oct. 22, 2025	1 year
☒	Coaxial Cable (1 GHz~18 GHz)	EMCI	EMC104-SM-SM-8000	211037	Oct. 22, 2025	1 year
☒	Coaxial Cable (18 GHz~40 GHz)	EMCI	EMC101G-KM-KM-600	211211	Jan. 14, 2026	1 year
☒	Coaxial Cable (18 GHz~40 GHz)	EMCI	EMC101G-KM-KM-2000	211210	Jan. 14, 2026	1 year
☒	Coaxial Cable (18 GHz~40 GHz)	EMCI	EMC101G-KM-KM-6000	211209	Jan. 14, 2026	1 year
☒	Highpass Filter	Warison	WFIL-H3000-20000F	WR4BBFWC2B1	Oct. 27, 2025	1 year
☒	Software	R_RAM	V1.3	N/A	N.C.R.	---

Note: N.C.R. = No Calibration Request.

4 Measurement Procedure

4.1. Radiated Emission Measurement

■ Limit

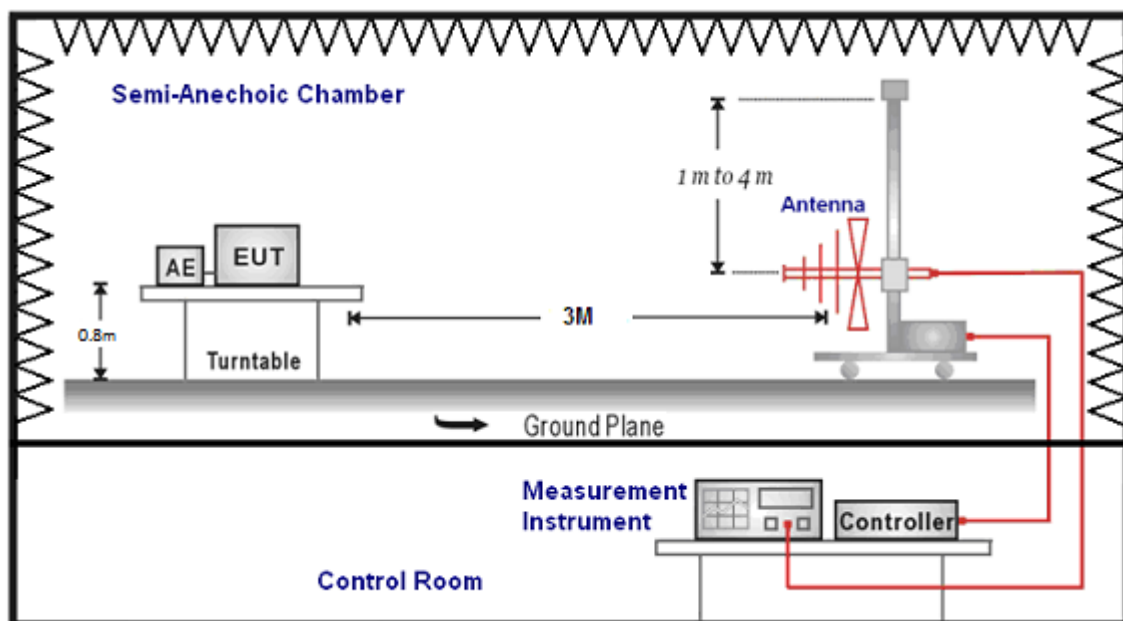
According to §15.209(a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

Frequency (MHz)	Field Strength ($\mu\text{V/m}$ at meter)	Measurement Distance (meters)
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
88-216	150**	3
216-960	200**	3
Above 960	500	3

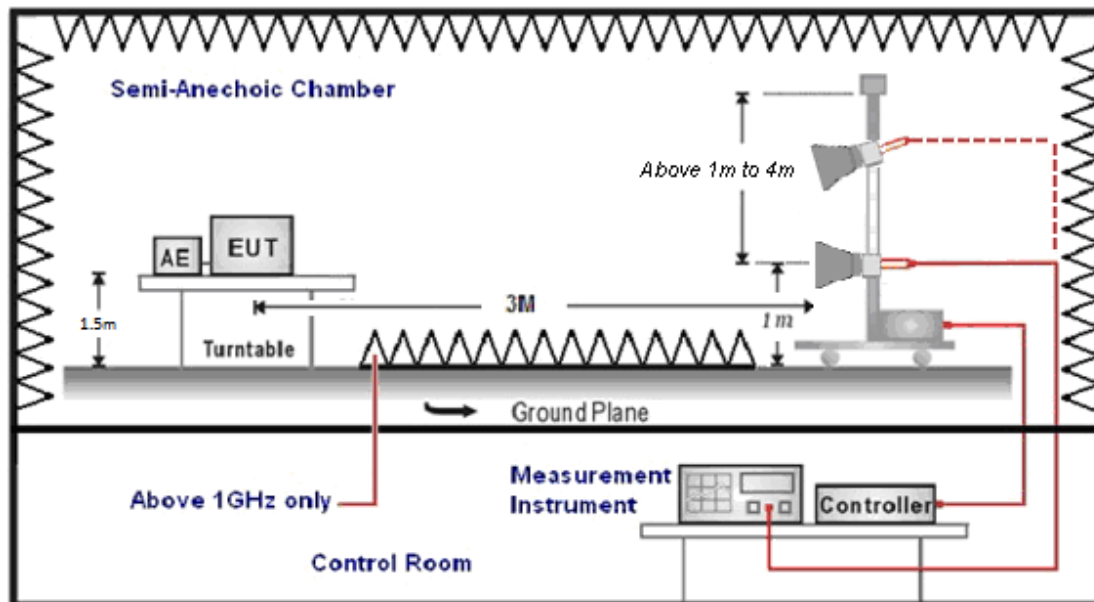
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this Part, e.g., Sections 15.231 and 15.241.

■ Setup

Below 1 GHz



Above 1 GHz



■ Test Procedure

Please refer to ANSI C63.10-2020+Cor.1-2023 clause 6.5 / 6.6 / 6.10.5 for the test method.

Please refer to ANSI C63.10-2020+Cor.1-2023 clause 11.12.1 / 11.12.2.7 for the test method.

■ Other Description

1. Result (dBuV/m) = Correct Factor (dB/m) + Reading (dBuV).
2. Correction factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) – Pre-Amplifier gain (dB).
3. When the peak results are less than average limit, there is no need to evaluate the average.
4. The average measurement was not performed when the peak measured data is under the limit of average detection.
5. The emission level of other frequencies is much lower than the limit and not shown in test report.

4.2. Antenna Measurement

■ Limit

For intentional device, according to 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to 15.247 (b), if transmitting antennas of directional gain greater than 6 dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

■ Antenna Description

See section 2 – antenna information.

5 Test Results

2.4 GHz Band (For RSE use)				
Mode	CH	Freq. (MHz)	RF power setting in Test SW	Test SW Version
			Aux	
802.11be EHT20	1	2412	21.50	DRTU.09489.24.10.0

2.4 GHz Band Config (For RSE use)			
Mode	Channel	Freq. (MHz)	Data Rate
802.11be EHT20	1	2412	MCS0

2.4 GHz Band (For RSE use)				
Mode	CH	Freq. (MHz)	Avg Conducted Power (dBm)	Conducted Power Limit (dBm)
			Aux	Aux
802.11be EHT20	1	2412	20.69	30.00

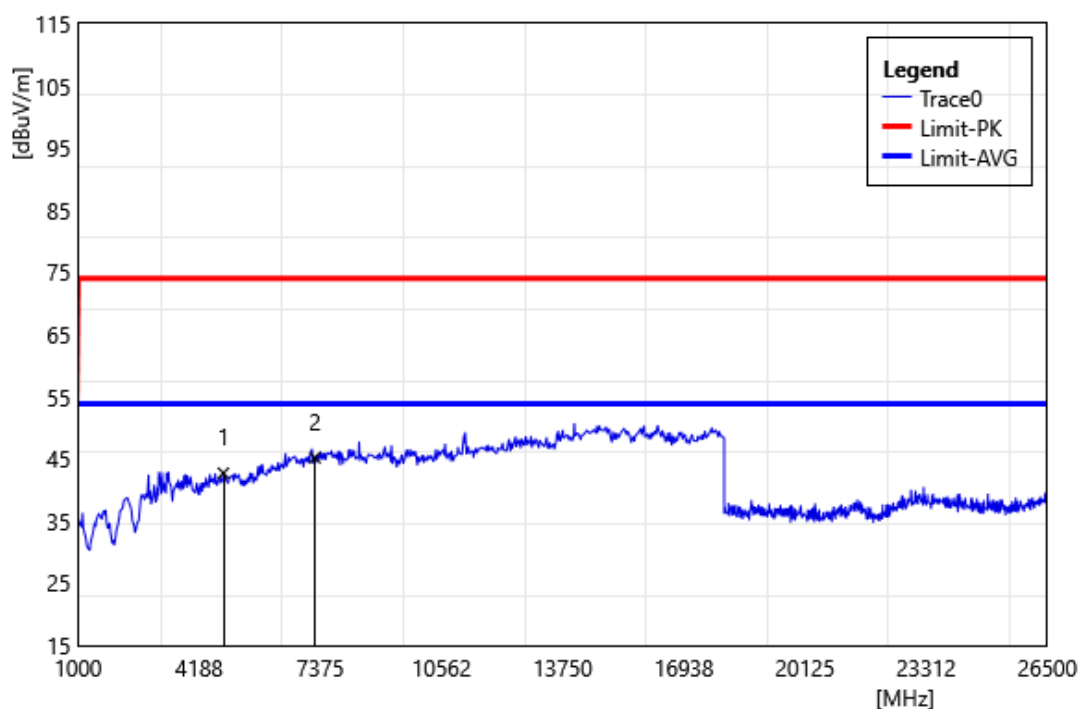
5.1. Radiated Emission Measurement

Harmonic

Above 1 GHz

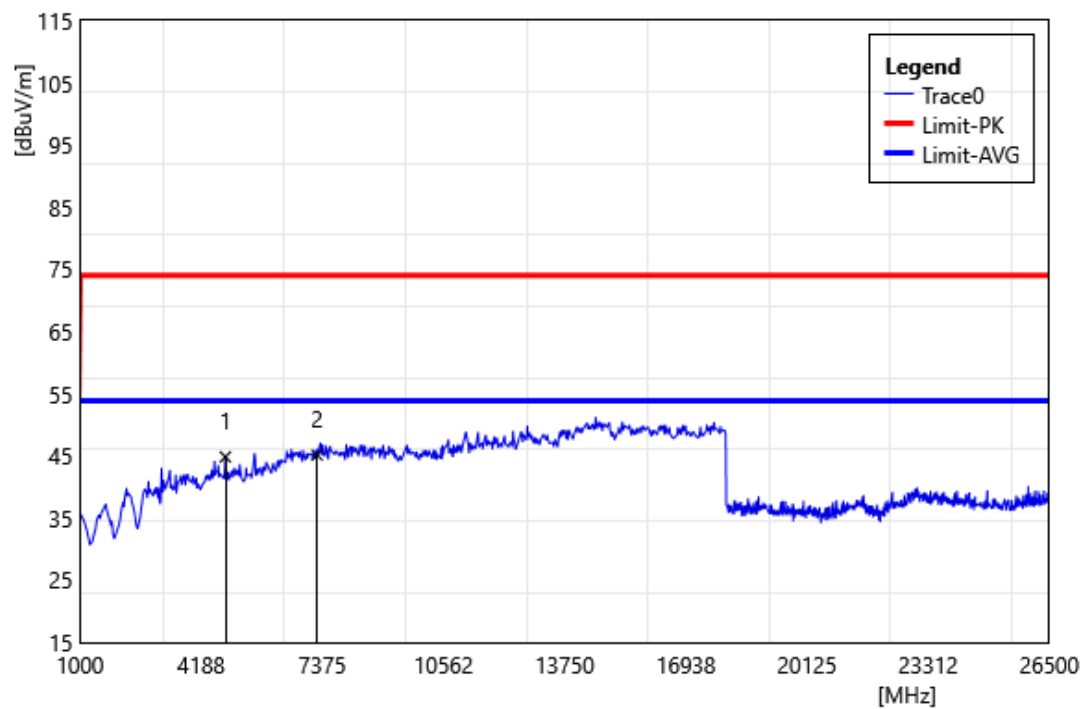
DT556LA

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4824.00	46.87	-4.16	42.71	74.00	-31.29	PEAK
2	7236.00	46.16	-0.97	45.19	74.00	-28.81	PEAK

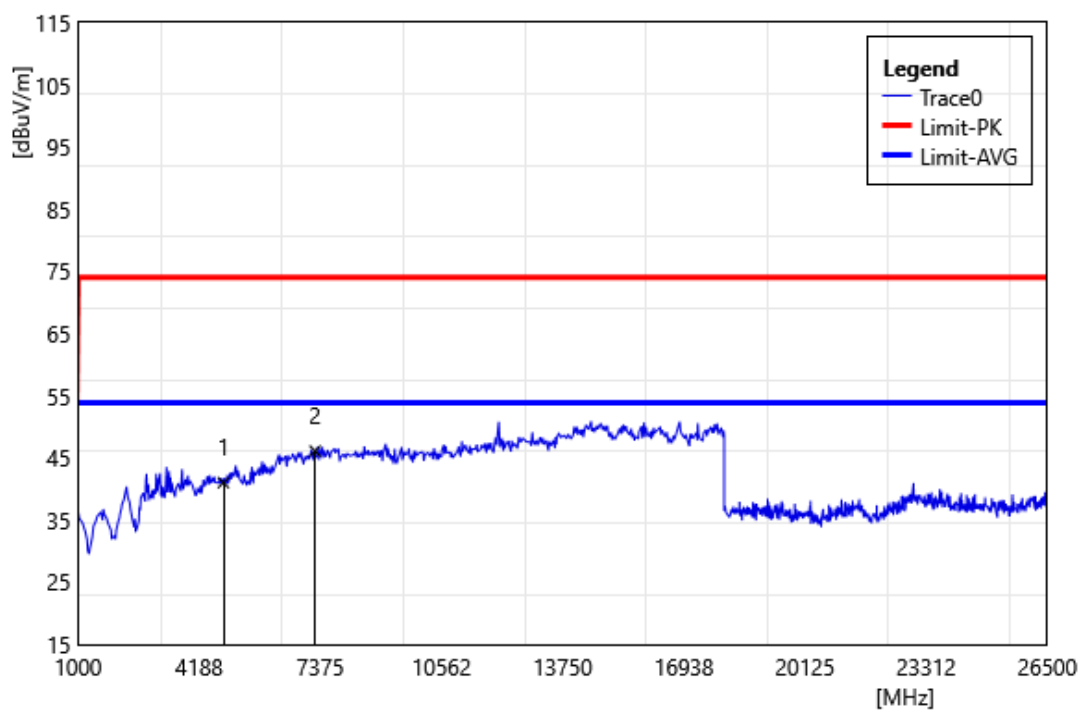
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4824.00	48.99	-4.16	44.83	74.00	-29.17	PEAK
2	7236.00	46.12	-0.97	45.16	74.00	-28.85	PEAK

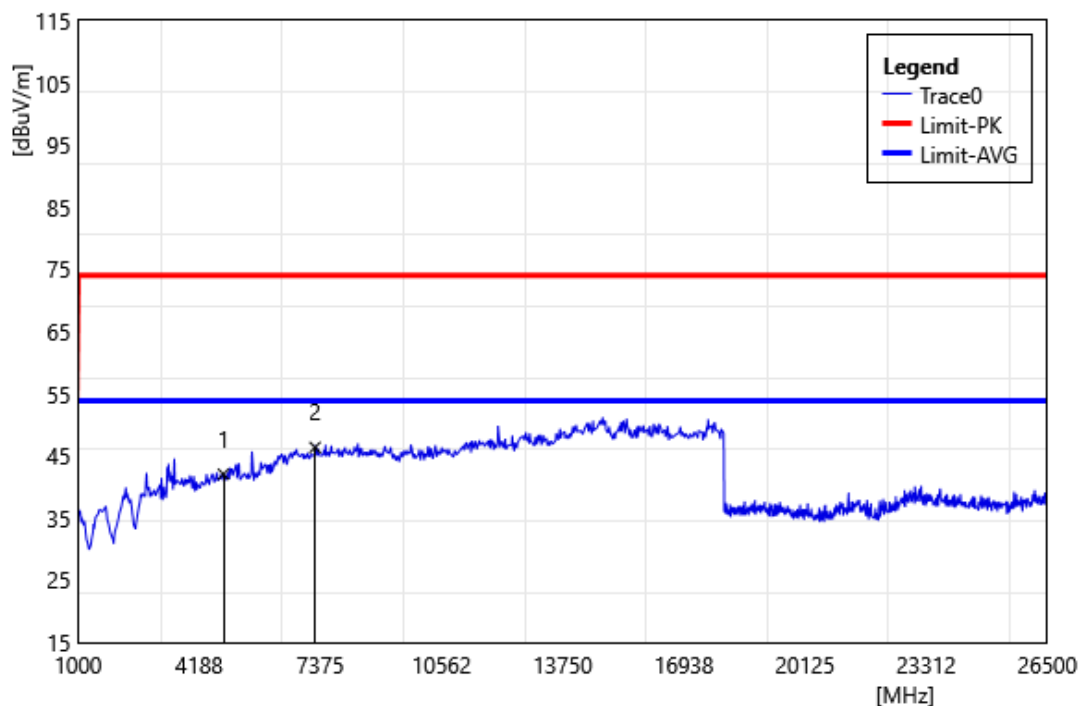
DT573LA

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4824.00	45.17	-4.16	41.01	74.00	-32.99	PEAK
2	7236.00	47.08	-0.97	46.11	74.00	-27.89	PEAK

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			

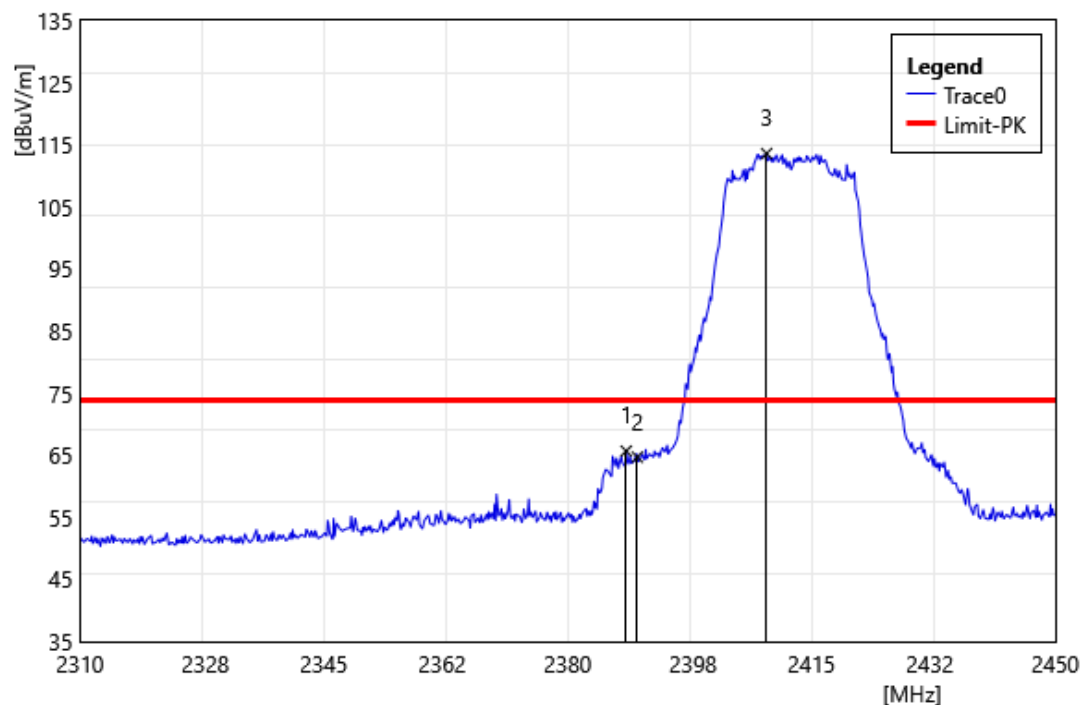


ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4824.00	46.21	-4.16	42.05	74.00	-31.95	PEAK
2	7236.00	47.33	-0.97	46.36	74.00	-27.64	PEAK

Band Edge

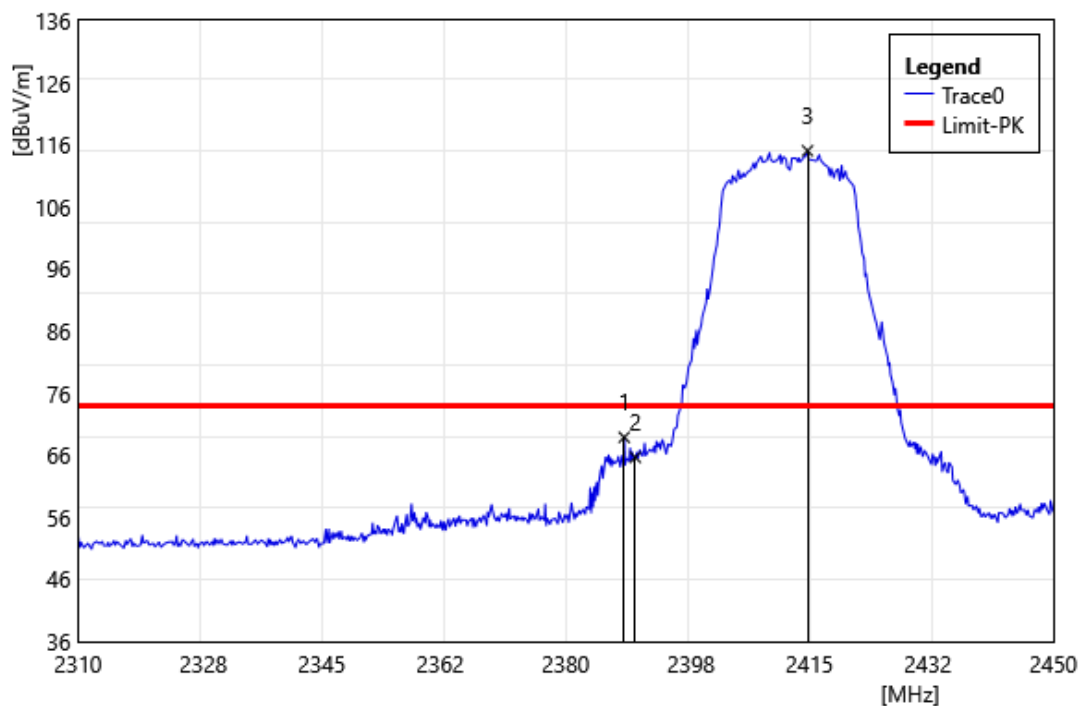
DT556LA - Peak

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2388.40	74.90	-9.22	65.68	74.00	-8.32	PEAK
2	2390.00	73.92	-9.22	64.70	74.00	-9.30	PEAK
3	2408.56	122.80	-9.21	113.59	74.00	39.59	PEAK

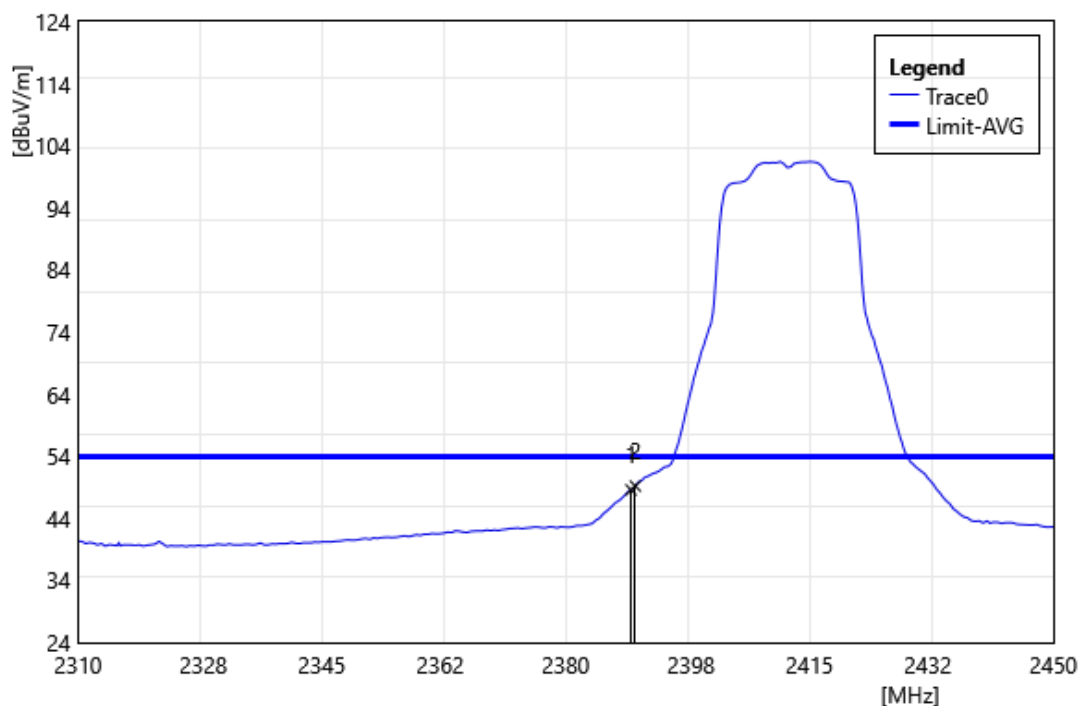
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2388.40	78.11	-9.22	68.89	74.00	-5.11	PEAK
2	2390.00	74.87	-9.22	65.65	74.00	-8.35	PEAK
3	2414.72	124.27	-9.23	115.04	74.00	41.04	PEAK

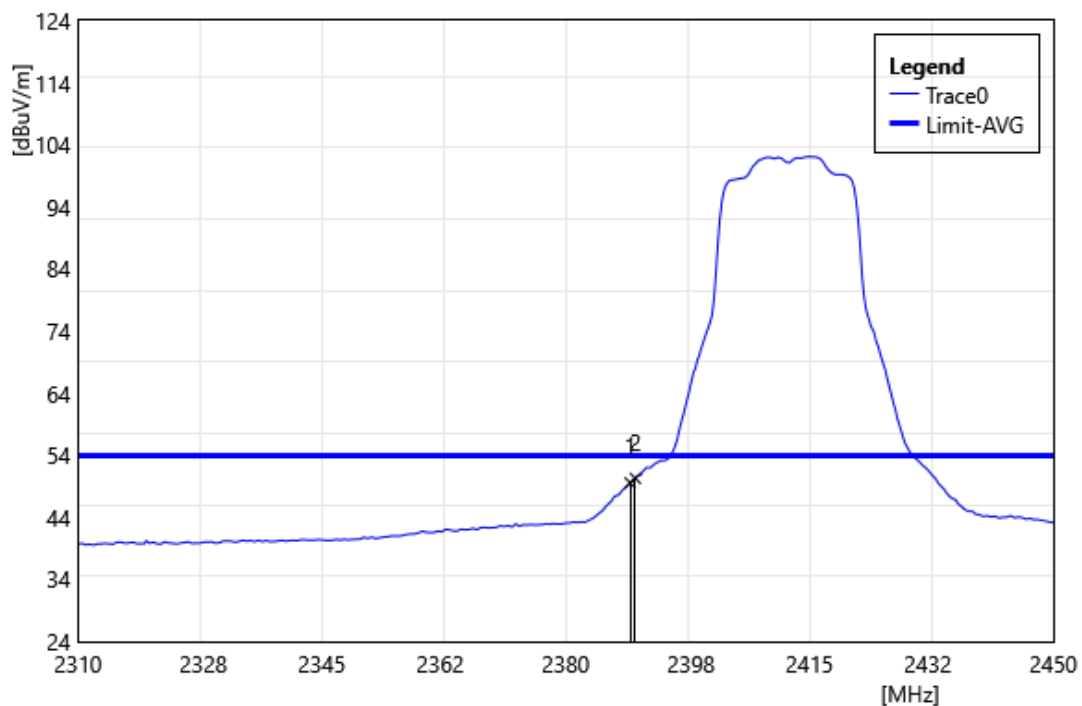
DT556LA - Average

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2389.38	57.81	-9.22	48.59	54.00	-5.41	AVG
2	2390.00	58.41	-9.22	49.19	54.00	-4.81	AVG

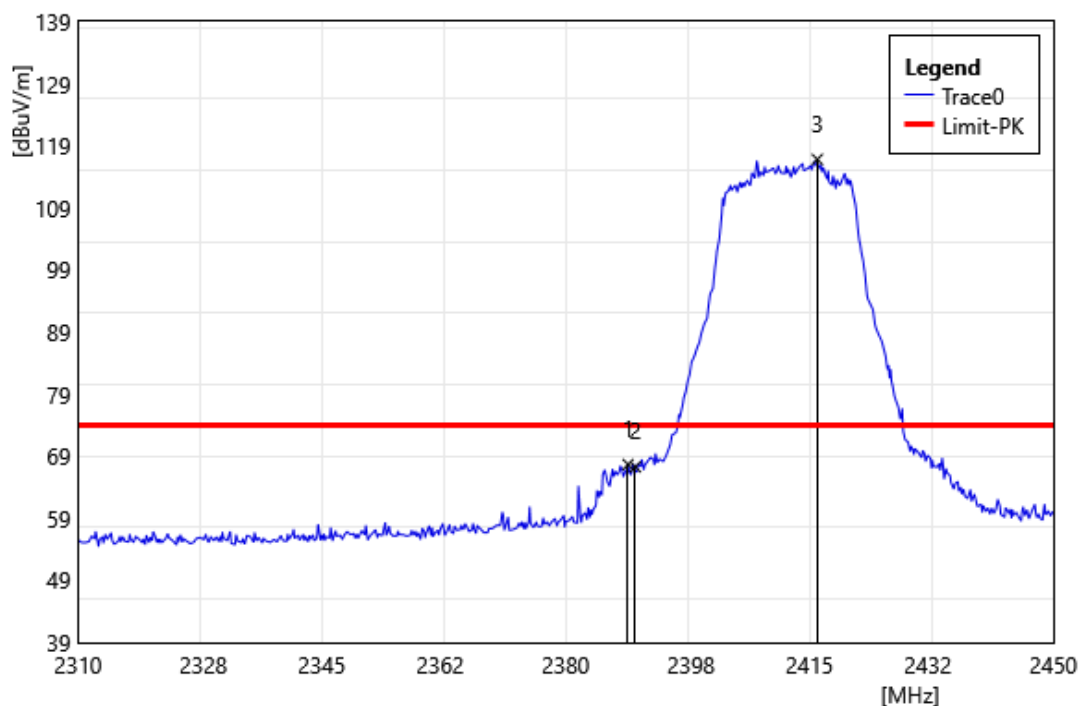
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2389.24	58.79	-9.21	49.58	54.00	-4.42	AVG
2	2390.00	59.51	-9.22	50.29	54.00	-3.71	AVG

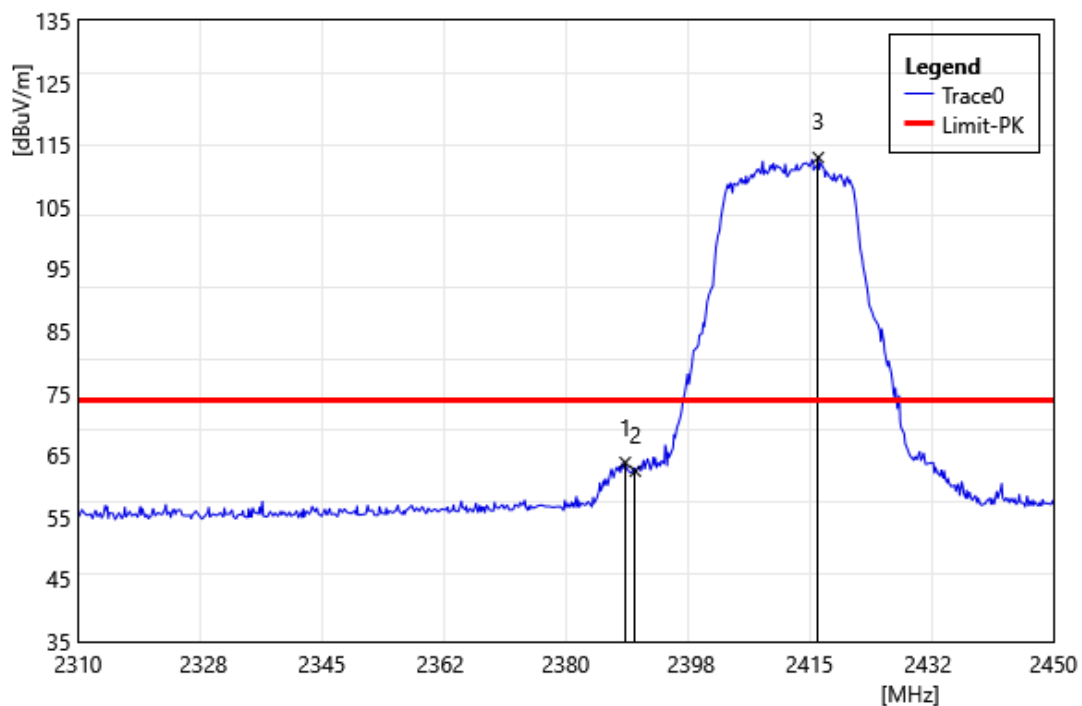
DT573LA - Peak

Test Site: 96604-WG Standard: Part 15.247
Test Mode: 802.11be EHT20 2412
MHz
Polarization: Horizontal
Remark:



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2388.96	76.88	-9.21	67.67	74.00	-6.33	PEAK
2	2390.00	76.50	-9.22	67.28	74.00	-6.72	PEAK
3	2416.12	126.03	-9.22	116.81	74.00	42.81	PEAK

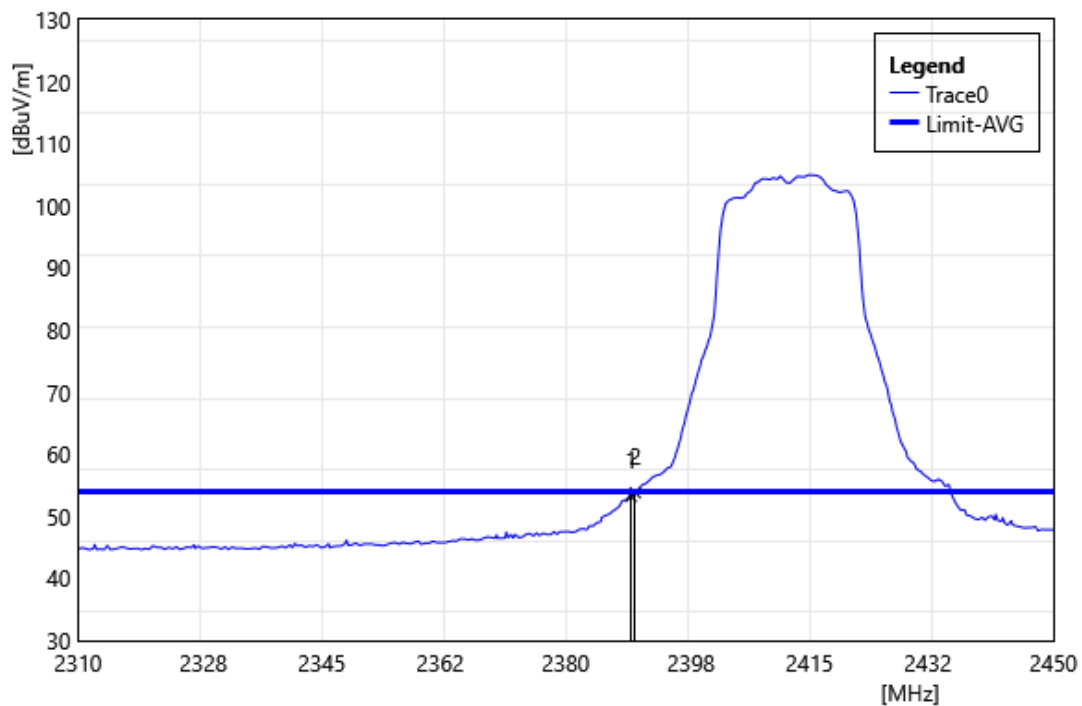
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2388.54	73.05	-9.22	63.83	74.00	-10.17	PEAK
2	2390.00	71.64	-9.22	62.42	74.00	-11.58	PEAK
3	2416.26	122.17	-9.22	112.95	74.00	38.95	PEAK

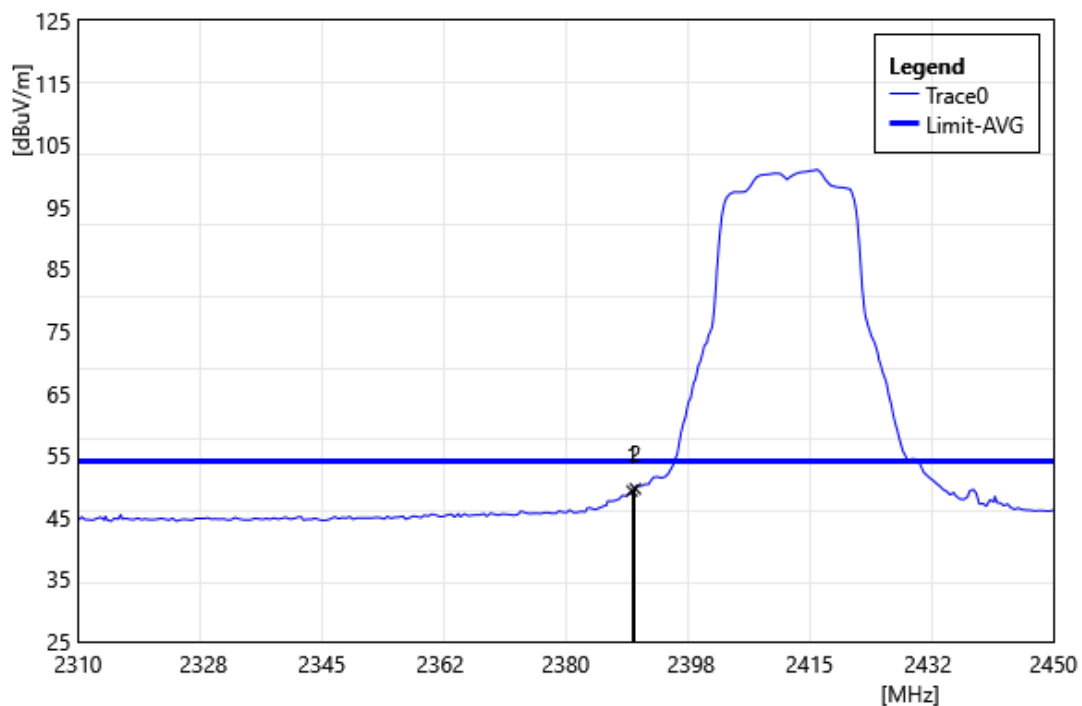
DT573LA - Average

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2389.38	62.44	-9.22	53.22	54.00	-0.78	AVG
2	2390.00	63.02	-9.22	53.80	54.00	-0.20	AVG

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	802.11be EHT20 2412		
	MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2389.52	58.47	-9.22	49.25	54.00	-4.75	AVG
2	2390.00	58.81	-9.22	49.59	54.00	-4.41	AVG

---END---