

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

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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.TR81).

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		
RF Bandwidth		4.5 %		4.5 %		
Power Spectral Density		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 EUT Description

The product specifications of the EUT presented in the report are declared by the manufacturer who shall take full responsibility for the authenticity (except Max. RF Output Power).

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.)			
Frequency Range	2402 ~ 2480 MHz			
Modulation Type	GFSK			
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

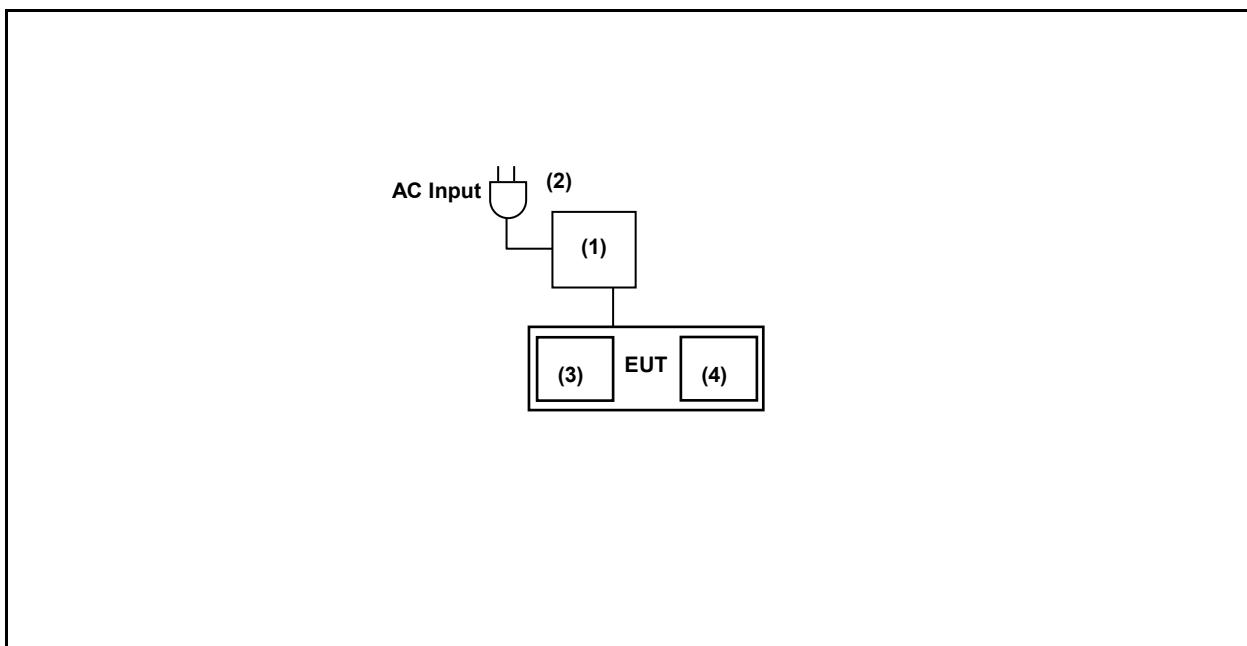
Decision of Test Eurofins has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	Final-Test Mode
BLE 2M	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. 2, 2026	1 year
☒	Power Sensor	Anritsu	MA24418A	12662	Dec. 9, 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

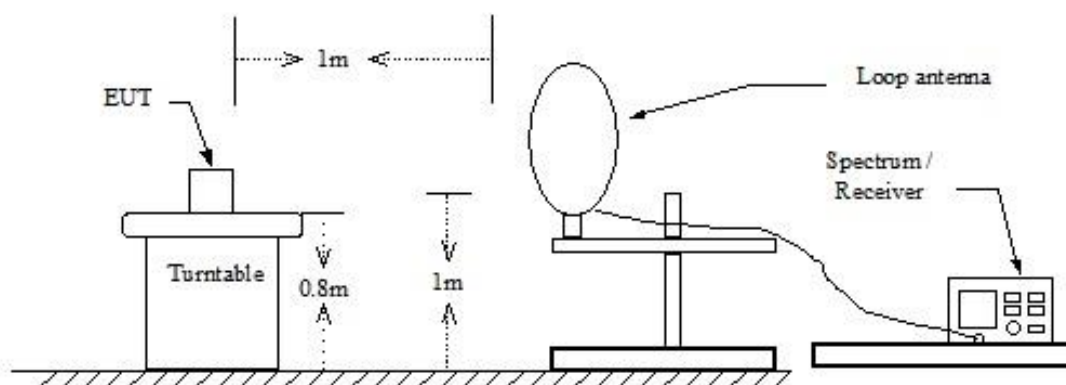
According to §15.209(a), except as provided elsewhere in this subpart, the emissions from an intentional radiator shall not exceed the field strength levels specified in the following table:

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

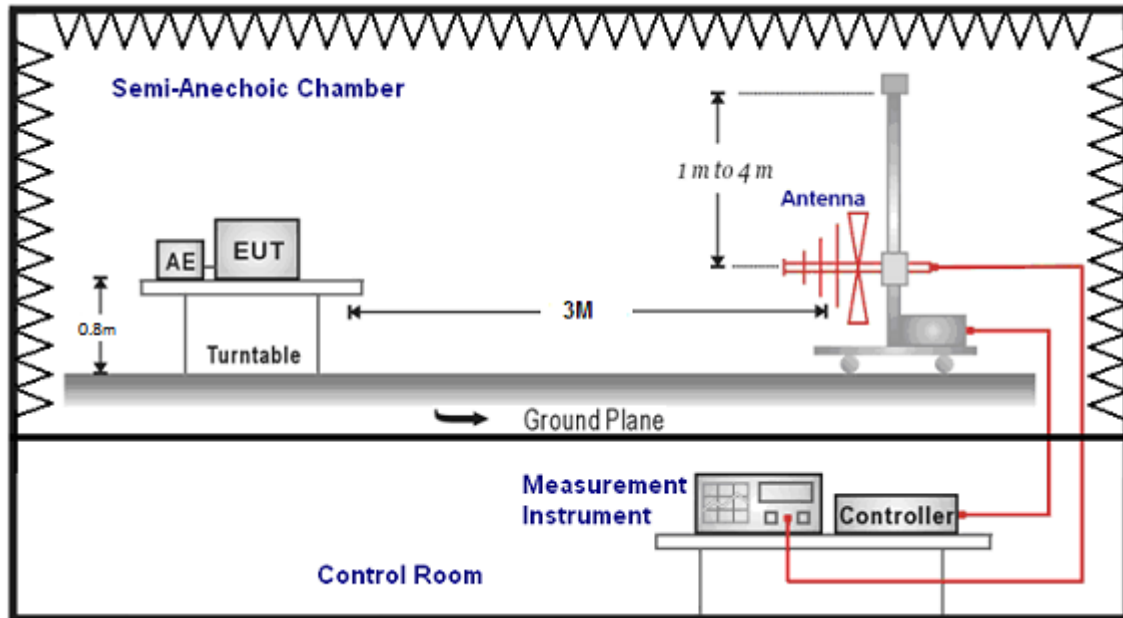
** Except as provided in paragraph (g), fundamental emissions from intentional radiators operating under this Section shall not be located in the frequency bands 54-72 MHz, 76-88 MHz, 174-216 MHz or 470-806 MHz. However, operation within these frequency bands is permitted under other sections of this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

■ Setup

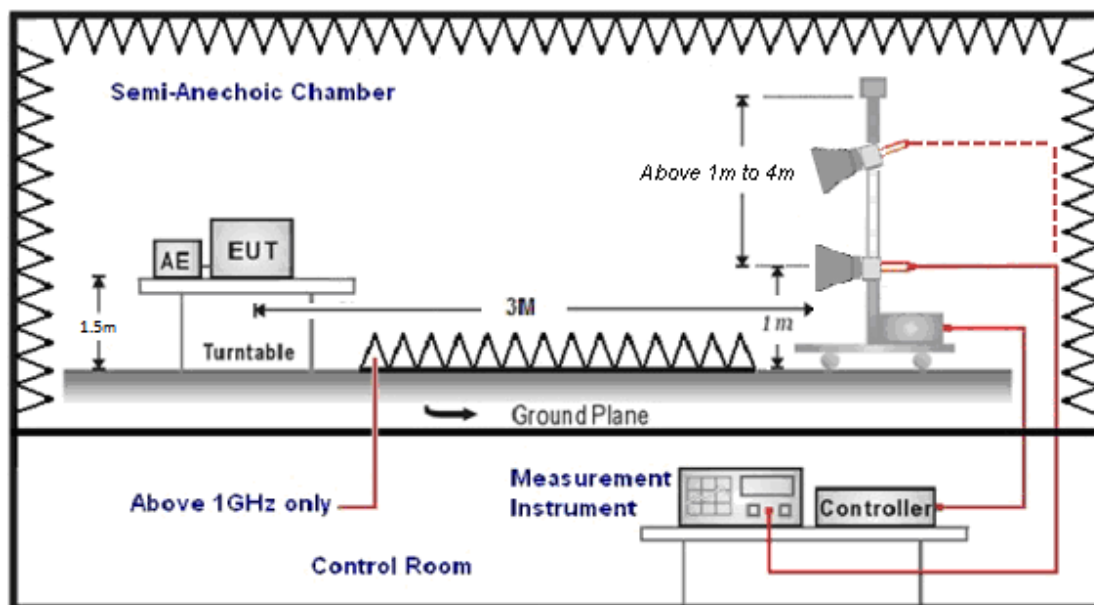
9 kHz ~ 30 MHz



Below 1 GHz



Above 1 GHz



■ Test Procedure

Final radiation measurements were made on a three-meter, Semi Anechoic Chamber. The EUT system was placed on a nonconductive turntable which is 0.8 or 1.5 meters height, top surface 1.0 x 1.5 meter. EUT was set to transmit continuously & Measurements spectrum range from 9 kHz to 26 GHz is investigated.

For measurements below 30 MHz the resolution bandwidth is set to 10 kHz for peak detection measurements or 9 kHz for quasi-peak detection measurements. The video bandwidth is 3 times of the resolution bandwidth.

For measurements below 1 GHz the resolution bandwidth is set to 100 kHz for peak detection measurements or 120 kHz for quasi-peak detection measurements. Peak detection is used unless otherwise noted as quasi-peak.

For measurements above 1 GHz the resolution bandwidth is set to 1 MHz, and then the video bandwidth is set to 3 MHz for peak measurements and 10 Hz for average measurements when Duty cycle >0.98 / 1/T for average measurements when Duty cycle <0.98. A nonconductive material surrounded the EUT to supporting the EUT for standing on three orthogonal planes. At each condition, the EUT was rotated 360 degrees, and the antenna was raised and lowered from one to four meters to find the maximum emission levels. Measurements were taken using both horizontal and vertical antenna polarization.

Biconilog/Horn Antenna were used in frequency 30 MHz to 18 GHz at a distance of 3 meter. Loop/Horn Antenna was used in frequency 9 kHz to 30 MHz and 18 to 26 GHz at a distance of 1 meter. The antenna at an angle toward the source of the emission. All test results were extrapolated to equivalent signal at 3 meters utilizing an inverse linear distance extrapolation Factor (20 dB/decade).

For testing above 1 GHz, the emission level of the EUT in peak mode was 20 dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

Result (dBuV/m) = Reading (dBuV) + Correct Factor (dB/m)

Correct Factor (dB/m) = Antenna Factor (dB/m) + Cable loss (dB) - Pre-Amplifier gain (dB)

Data of measurement within this frequency range without mark in the table above means the reading of emissions are attenuated more than 20 dB below the permissible limits or the field strength is too small to be measured.

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 Connector Construction

See section 2 – antenna information.

5 Test Results

Maximum Conducted Output Power Measurement (For RSE use)								
Test Mode	Frequency (MHz)	Average Power		Peak Power		Power Limit	RF Power setting in Test Software	Test Software Version
		dBm	W	dBm	W	dBm		
BLE 2M	2480	14.10	0.0257	14.39	0.0275	30.00	15.00	DRTU.09489.24.10.0

Note: The relevant measured result has the offset with cable loss already.

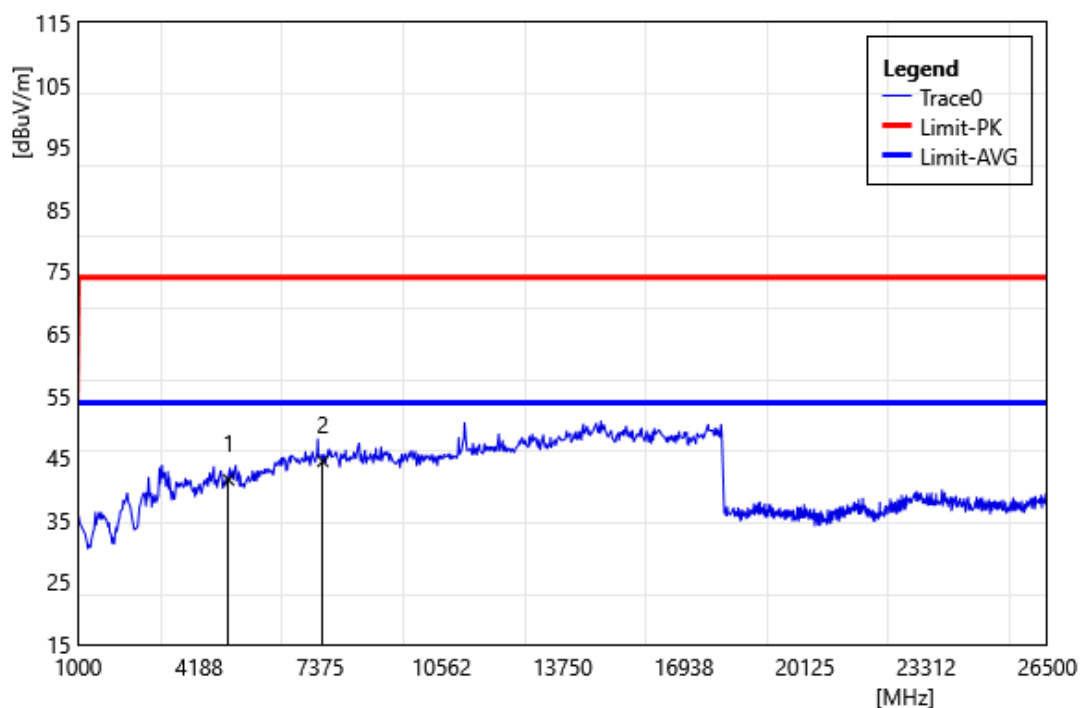
5.1. Radiated Emission Measurement

Harmonic

Above 1 GHz

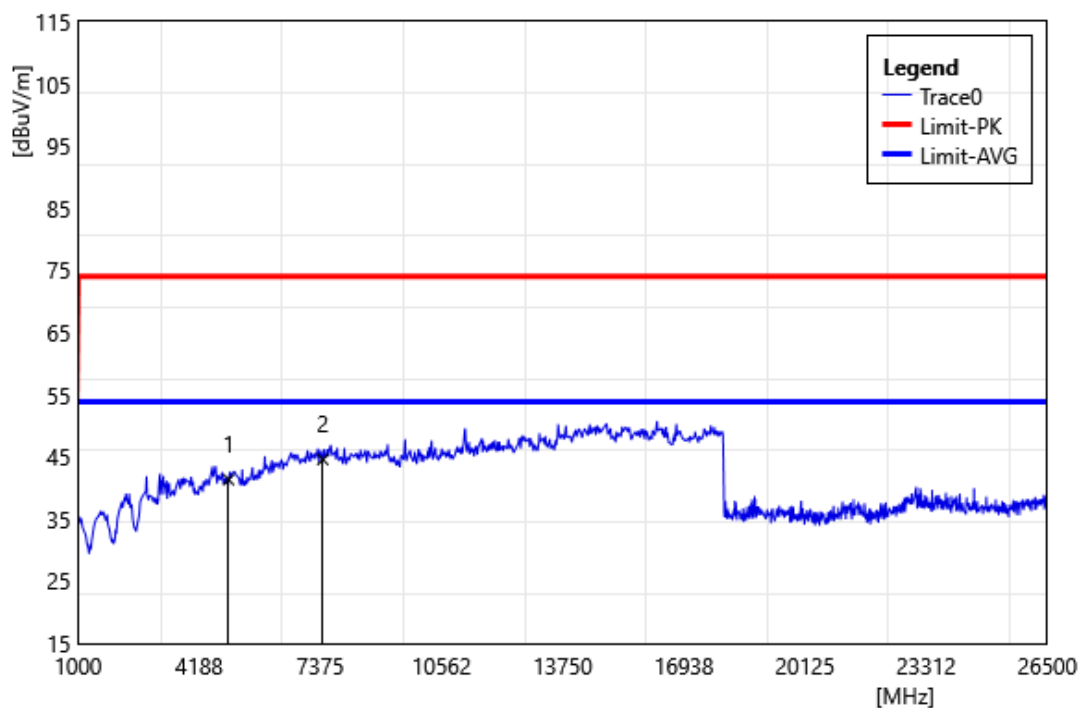
DT556LA

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4960.00	45.51	-4.04	41.47	74.00	-32.53	PEAK
2	7440.00	45.01	-0.58	44.43	74.00	-29.57	PEAK

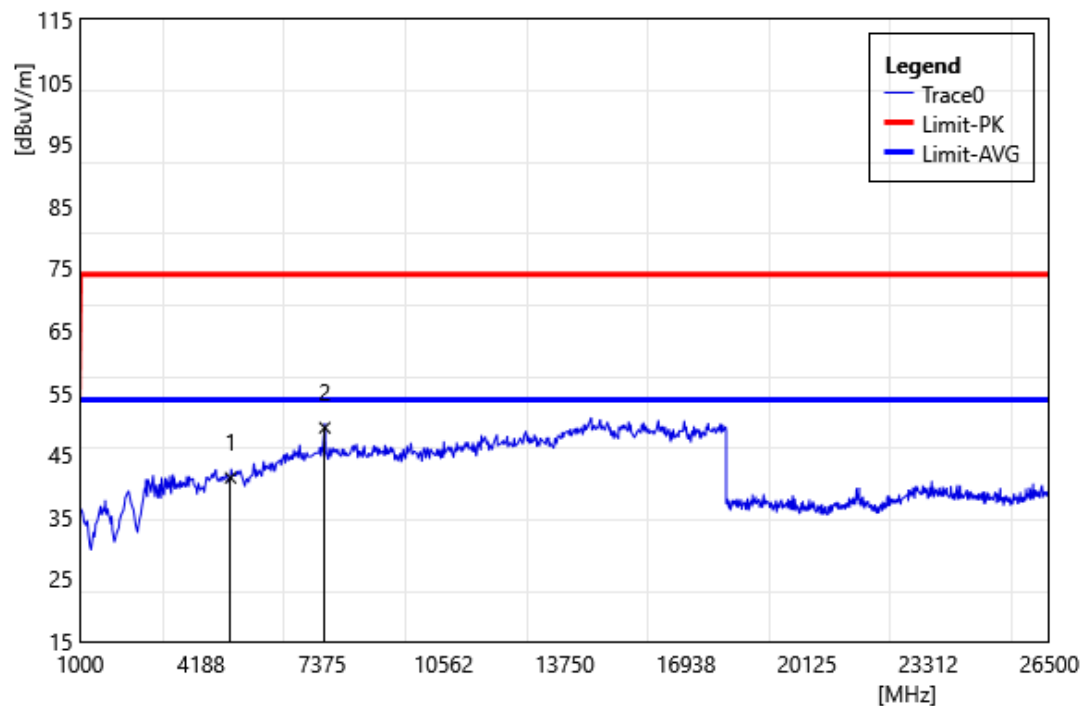
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4960.00	45.39	-4.04	41.35	74.00	-32.65	PEAK
2	7440.00	45.16	-0.58	44.58	74.00	-29.42	PEAK

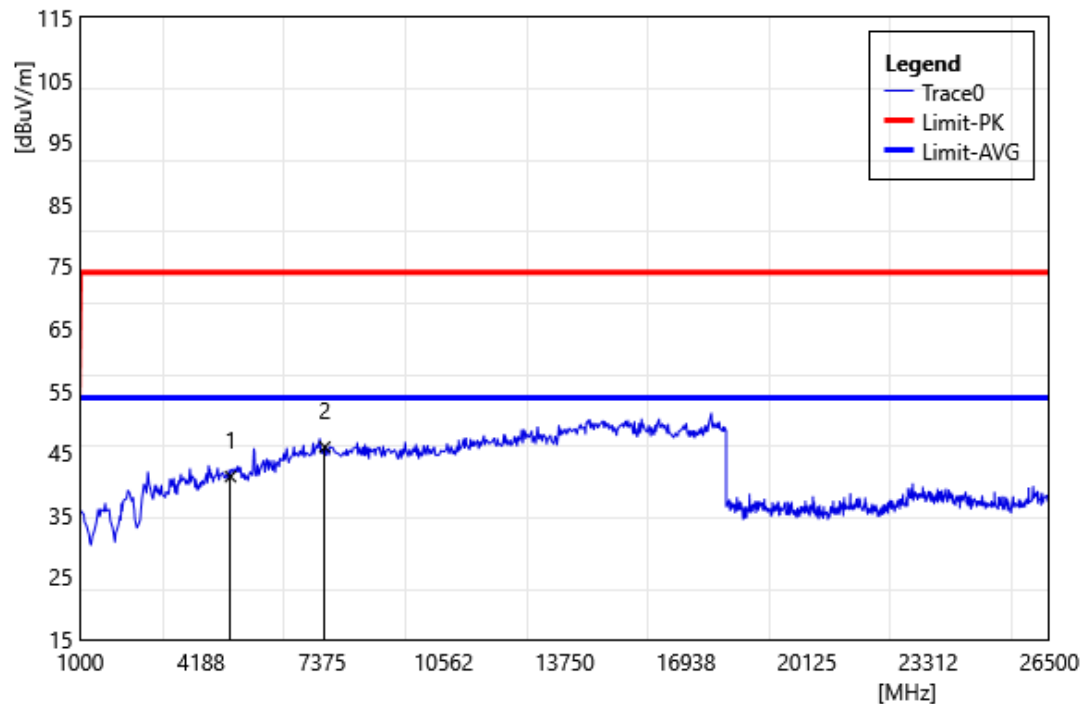
DT573LA

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4960.00	45.35	-4.04	41.31	74.00	-32.69	PEAK
2	7440.00	49.94	-0.58	49.36	74.00	-24.64	PEAK

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			

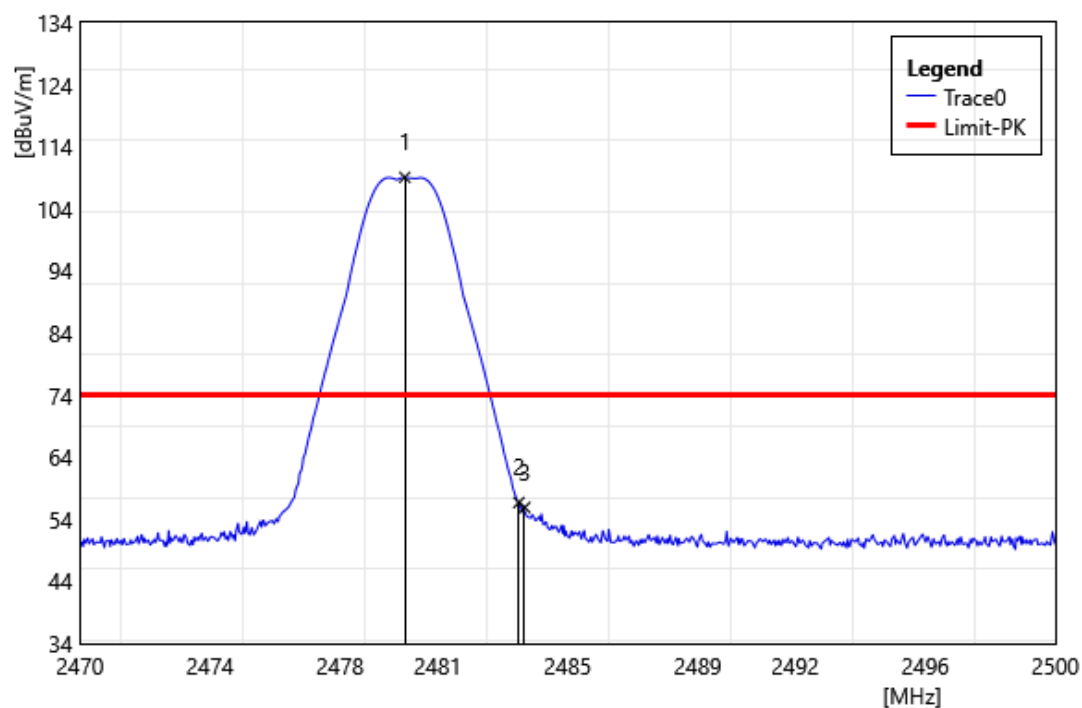


ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	4960.00	45.23	-4.04	41.19	74.00	-32.81	PEAK
2	7440.00	46.51	-0.58	45.93	74.00	-28.07	PEAK

Band Edge

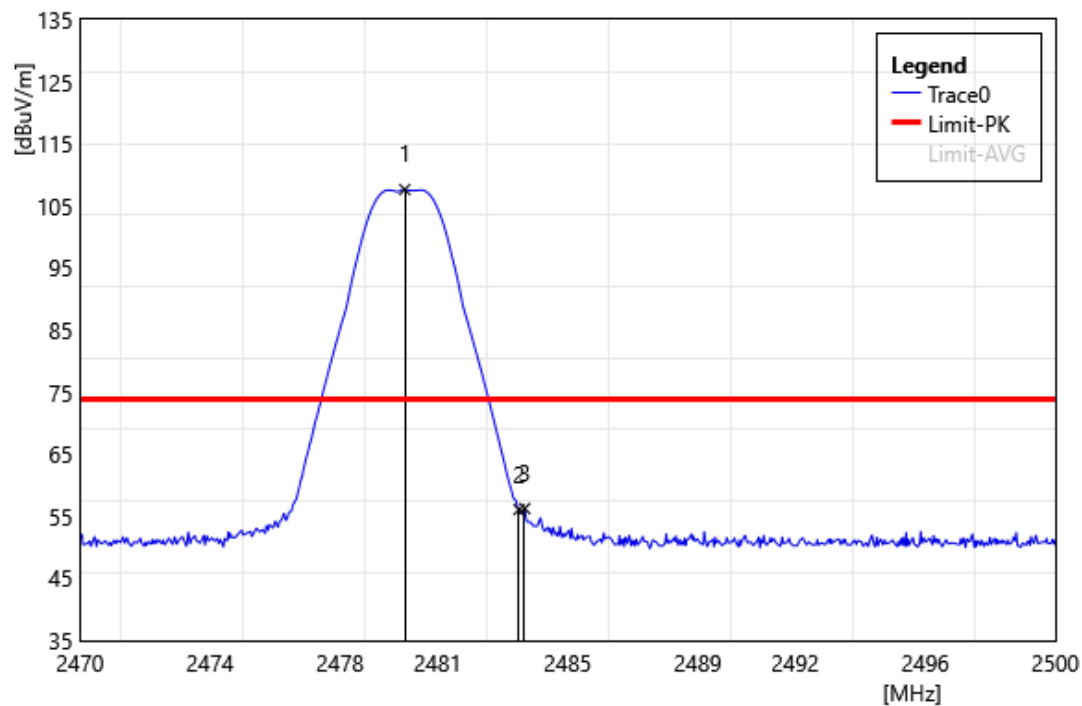
DT556LA - Peak

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Horizontal		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2479.99	118.48	-9.40	109.08	74.00	35.08	PEAK
2	2483.50	66.12	-9.41	56.71	74.00	-17.29	PEAK
3	2483.68	65.32	-9.41	55.91	74.00	-18.09	PEAK

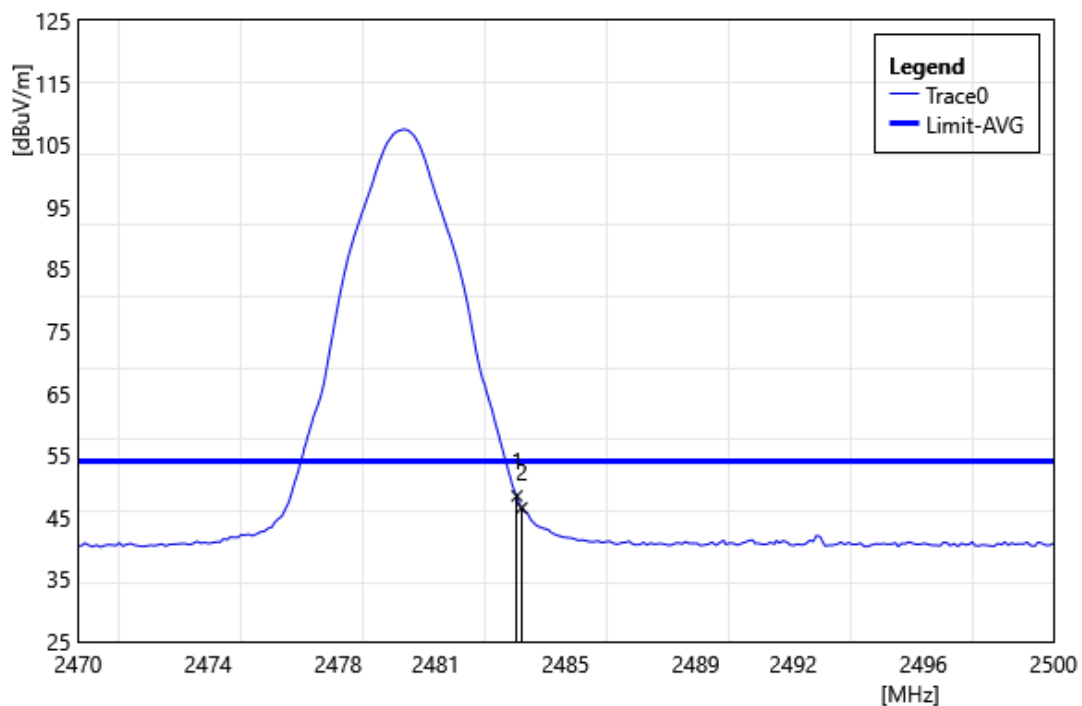
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2479.99	117.03	-9.40	107.63	74.00	33.63	PEAK
2	2483.50	65.49	-9.41	56.08	74.00	-17.92	PEAK
3	2483.68	65.67	-9.41	56.26	74.00	-17.74	PEAK

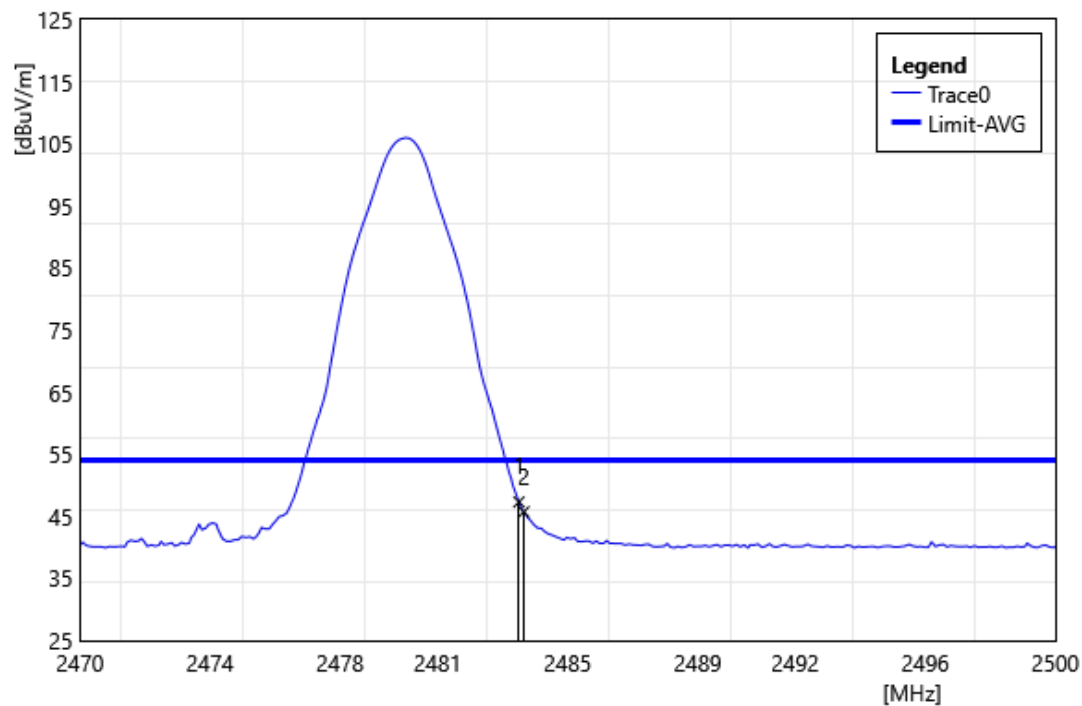
DT556LA - Average

Test Site: 96604-WG Standard: Part 15.247
Test Mode: BLE 2M 2480 MHz
Polarization: Horizontal
Remark:



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2483.50	57.86	-9.41	48.45	54.00	-5.55	AVG
2	2483.65	55.93	-9.41	46.52	54.00	-7.48	AVG

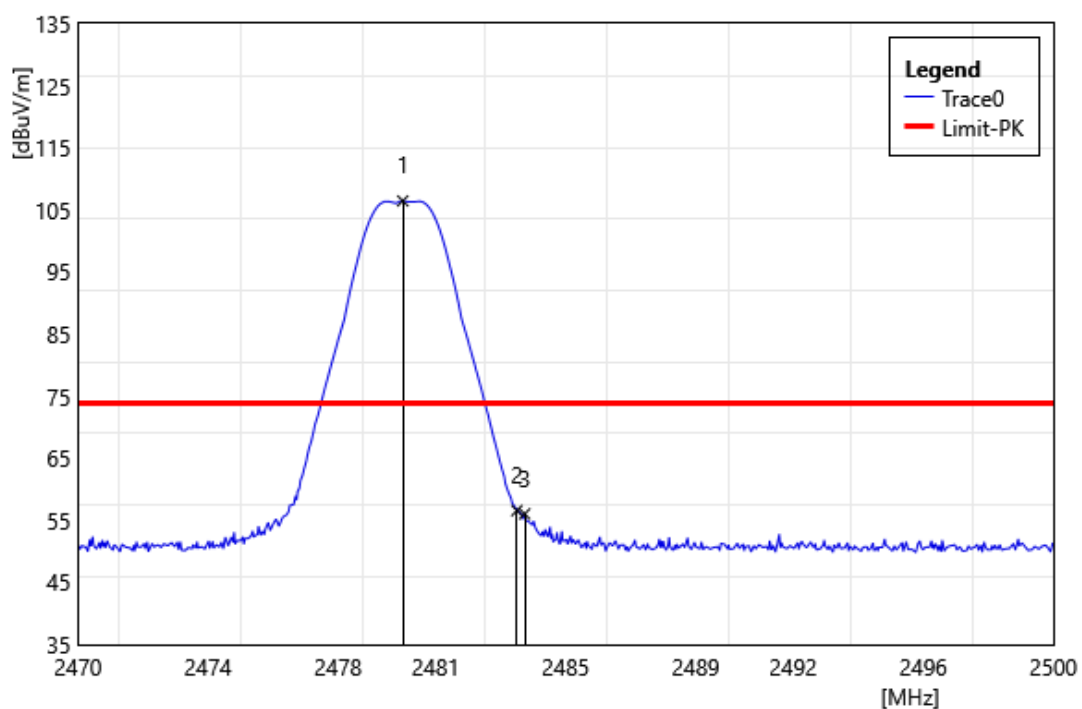
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2483.50	56.72	-9.41	47.31	54.00	-6.69	AVG
2	2483.65	55.15	-9.41	45.74	54.00	-8.26	AVG

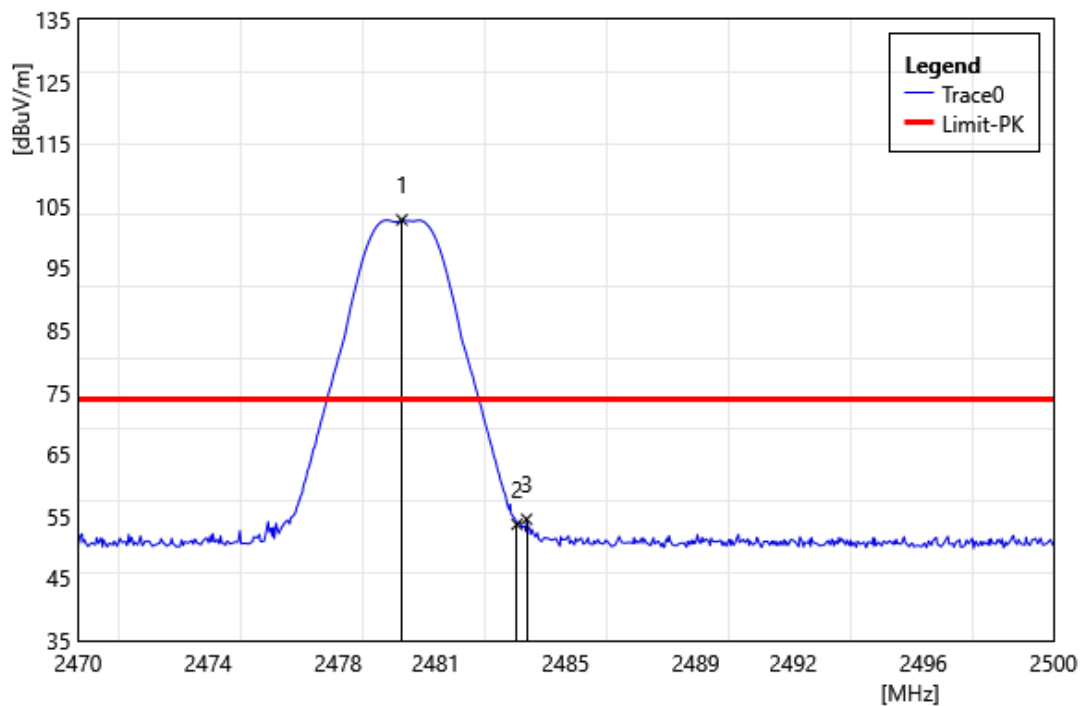
DT573LA - Peak

Test Site: 96604-WG Standard: Part 15.247
Test Mode: BLE 2M 2480 MHz
Polarization: Horizontal
Remark:



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2479.99	115.84	-9.40	106.44	74.00	32.44	PEAK
2	2483.50	65.97	-9.41	56.56	74.00	-17.44	PEAK
3	2483.74	65.45	-9.41	56.04	74.00	-17.96	PEAK

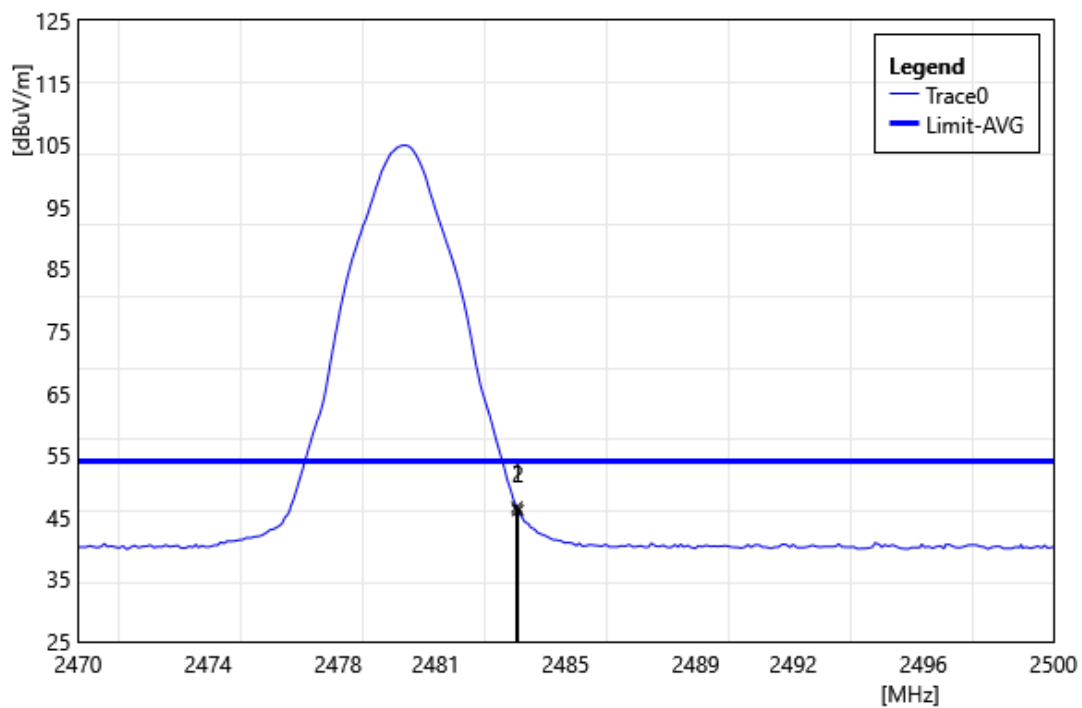
Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2479.96	112.14	-9.40	102.74	74.00	28.74	PEAK
2	2483.50	63.12	-9.41	53.71	74.00	-20.29	PEAK
3	2483.80	63.92	-9.41	54.52	74.00	-19.49	PEAK

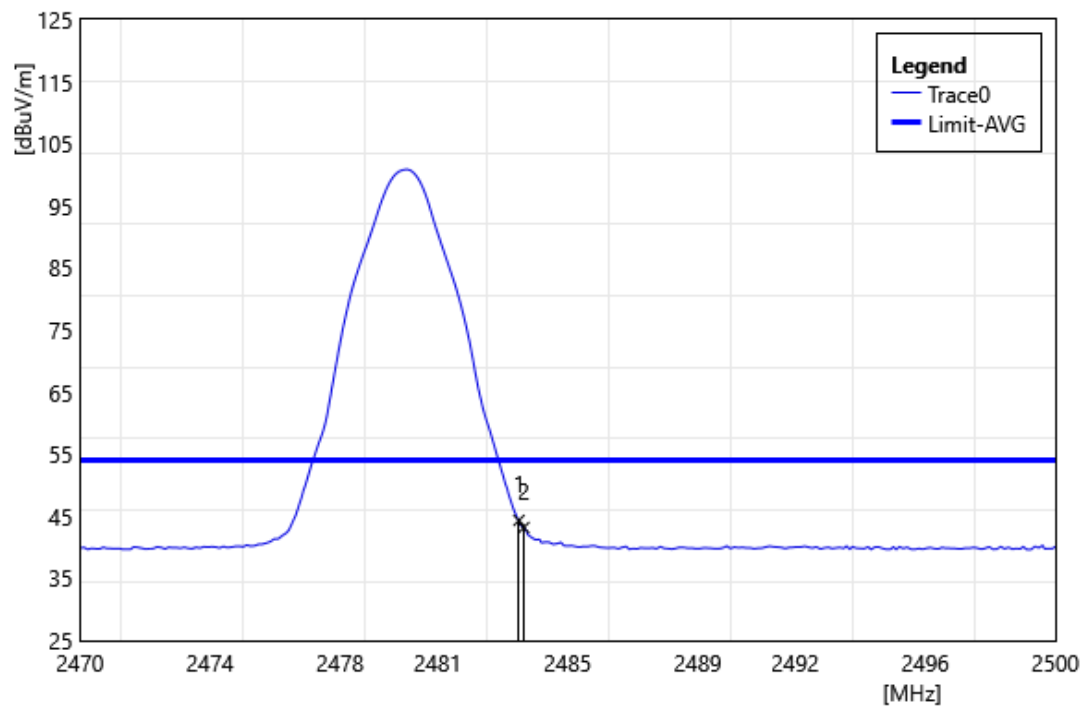
DT573LA - Average

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2483.50	56.03	-9.41	46.62	54.00	-7.38	AVG
2	2483.53	55.52	-9.41	46.11	54.00	-7.89	AVG

Test Site:	96604-WG	Standard:	Part 15.247
Test Mode:	BLE 2M 2480 MHz		
Polarization:	Vertical		
Remark:			



ID	Frequency MHz	Reading dBuV	Correct Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark
1	2483.50	53.76	-9.41	44.35	54.00	-9.65	AVG
2	2483.65	52.60	-9.41	43.20	54.00	-10.81	AVG

---END---