

FCC and ISED Test Report

Apple Inc
Model: A3427



In accordance with FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN (2.4 GHz Bluetooth, 2.4 GHz WLAN, 5 GHz WLAN, 6 GHz WLAN, Narrowband and Thread)

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IC: 579C-A3427

COMMERCIAL-IN-CONFIDENCE



Document 75963990-44 Issue 01

SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Stephen Marshall	Senior Engineer	Authorised Signatory	31 January 2026

Signatures in this approval box have checked this document in line with the requirements of TÜV SÜD document control rules.

ENGINEERING STATEMENT

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported testing was carried out on a sample equipment to demonstrate limited compliance with FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN. The sample tested was found to comply with the requirements defined in the applied rules.

RESPONSIBLE FOR	NAME	DATE	SIGNATURE
Report Generating	George Capps	31 January 2026	

FCC Accreditation

553713/UK2026 Concorde Park, Fareham Test Laboratory

ISED Accreditation

28798/UK0003 Concorde Park, Fareham Test Laboratory

EXECUTIVE SUMMARY

A sample of this product was tested and found to be compliant with FCC 47 CFR Part 15: 2024, ISED RSS-247: Issue 4 (2025-07), ISED RSS-248: Issue 3 (2024-10) and ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02) for the tests detailed in section 1.3.



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ACCREDITATION

Our UKAS Accreditation does not cover opinions and interpretations and any expressed are outside the scope of our UKAS Accreditation. Results of tests not covered by our UKAS Accreditation Schedule are marked NUA (Not UKAS Accredited). Results of tests covered by our Flexible UKAS Accreditation Schedule are marked FS (Flexible Scope).

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1 Report Summary

1.1 Report Modification Record

Alterations and additions to this report will be issued to the holders of each copy in the form of a complete document.

Issue	Description of Change	Date of Issue
1	First Issue	31 January 2026

Table 1

1.2 Introduction

Applicant	Apple Inc
Manufacturer	Apple Inc
EUT/Sample Identification	Refer to section 1.6
Test Specification/Issue/Date	FCC 47 CFR Part 15: 2023 ISED RSS-247: Issue 4 (2025-07) ISED RSS-248: Issue 3 (2024-10) ISED RSS-GEN: Issue 5 (2018-04) + A2 (2021-02)
Start of Test	28-December-2025
Finish of Test	26-January-2026
Name of Engineer(s)	Thilanka Savirunath Liyanage, Ioan-Alexandru Bogatu, Zeeshan Zia, Morsalin Hossain, Ahmed Al Derdiri, Manohar Thota, Colin Brain, Akhil Rajendran Bhaskaran Nair, Vineeth Nagaraj
Related Document(s)	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03



1.3 Brief Summary of Results

A brief summary of the tests carried out in accordance with FCC 47 CFR Part 15, ISSED RSS-247, ISSED RSS-248 and ISSED RSS-GEN is shown below.

Section	Specification Clause				Test Description	Result	Comments/Base Standard
	Part 15	RSS-247	RSS-248	RSS-GEN			
Configuration and Mode: 5 GHz WLAN and 2.4 GHz Bluetooth							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3	-	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01
Configuration and Mode: 6 GHz WLAN and 2.4 GHz Bluetooth							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03
Configuration and Mode: 5 GHz WLAN and Thread							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3	-	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01
Configuration and Mode: 6 GHz WLAN and Thread							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03
Configuration and Mode 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz Narrowband							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3	-	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1-2023+C63.10a-2024 KDB 789033 D02 v02r01



Section	Specification Clause				Test Description	Result	Comments/Base Standard
Configuration and Mode 2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz Narrowband							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03
Configuration and Mode 2.4 GHz WLAN and Thread and 5 GHz Narrowband							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3	-	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01
Configuration and Mode 2.4 GHz WLAN and Thread and 6 GHz Narrowband							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz WLAN							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3		6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz WLAN							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01 KDB 987594 D02 v03
Configuration and Mode: 2.4 GHz WLAN and Thread and 5 GHz WLAN							
2.1	15.209, 15.247(d) and 15.407(b)	6.6 and 7.3		6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024 KDB 789033 D02 v02r01
Configuration and Mode: 2.4 GHz WLAN and Thread and 6 GHz WLAN							
2.1	15.209, 15.247(d) and 15.407(b)	6.6	4.6.2	6.13 and 8.9	Radiated Spurious Emissions (Simultaneous Transmission)	Pass	ANSI C63.4 (2014) ANSI C63.10 (2020) +Cor.1- 2023+C63.10a-2024



Section	Specification Clause				Test Description	Result	Comments/Base Standard
							KDB 789033 D02 v02r01 KDB 987594 D02 v03

Table 2



1.4 Product Information

1.4.1 Technical Description

The equipment under test (EUT) was a portable laptop computer.

1.5 Deviations from the Standard

No deviations from the applicable test standard were made during testing.

1.6 Identification of the EUT

The table below details identification of the EUT(s) that have been used to carry out the testing within this report.

Model: A3427		
Serial Number	Hardware Version	Software Version
F17G4HW2CV	REV1.0	25D36
HL723RK6QW	REV1.0	25D36

Table 3

1.7 EUT Modification Record

The table below details modifications made to the EUT during the test programme.

The modifications incorporated during each test are recorded on the appropriate test pages.

Modification State	Description of Modification still fitted to EUT	Modification Fitted By	Date Modification Fitted
Model: A3427, Serial Number: HL723RK6QW			
0	As supplied by the customer	Not Applicable	Not Applicable
Model: A3427, Serial Number: F17G4HW2CV			
0	As supplied by the customer	Not Applicable	Not Applicable

Table 4

1.8 Test Location

TÜV SÜD conducted the following tests at our Concorde Park Test Laboratory.

Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 5 GHz WLAN and 2.4 GHz Bluetooth		
Radiated Spurious Emissions (Simultaneous Transmission)	Thilanka Savirunath Liyanage, Ioan-Alexandru Bogatu, Zeeshan Zia, Morsalin Hossain	UKAS
Configuration and Mode: 6 GHz WLAN and 2.4 GHz Bluetooth		
Radiated Spurious Emissions (Simultaneous Transmission)	Ioan-Alexandru Bogatu, Ahmed Al Derdiri, Zeeshan Zia	UKAS
Configuration and Mode: 5 GHz WLAN and Thread		



Test Name	Name of Engineer(s)	Accreditation
Configuration and Mode: 5 GHz WLAN and 2.4 GHz Bluetooth		
Radiated Spurious Emissions (Simultaneous Transmission)	Ioan-Alexandru Bogatu, Manohar Thota, Ahmed Al Derdiri, Zeeshan Zia, Morsalin Hossain	UKAS
Configuration and Mode: 6 GHz WLAN and Thread		
Radiated Spurious Emissions (Simultaneous Transmission)	Manohar Thota, Ioan-Alexandru Bogatu, Ahmed Al Derdiri, Morsalin Hossain	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Marius Vasii, Manohar Thota, Colin Brain, Vineeth Nagaraj, Akhil Rajendran Bhaskaran Nair	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Marius Vasii, Manohar Thota, Colin Brain, Akhil Rajendran Bhaskaran Nair, Vineeth Nagaraj	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 5 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Marius Vasii, Manohar Thota, Colin Brain, Akhil Rajendran Bhaskaran Nair, Vineeth Nagaraj	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 6 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Colin Brain, Manohar Thota, Akhil Rajendran Bhaskaran Nair, Vineeth Nagaraj	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz WLAN		
Radiated Spurious Emissions (Simultaneous Transmission)	Ioan-Alexandru Bogatu, Zeeshan Zia, Morsalin Hossain	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz WLAN		
Radiated Spurious Emissions (Simultaneous Transmission)	Morsalin Hossain, Zeeshan Zia	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 5 GHz WLAN		
Radiated Spurious Emissions (Simultaneous Transmission)	Ioan-Alexandru Bogatu, Gridi Bilali, Zeeshan Zia, Morsalin Hossain	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 6 GHz WLAN		
Radiated Spurious Emissions (Simultaneous Transmission)	Gridi Bilali, Ioan-Alexandru Bogatu, Zeeshan Zia, Morsalin Hossain	UKAS

Table 5

Office Address:

TÜV SÜD
Concorde Park
Concorde Way
Fareham
Hampshire
PO15 5FG
United Kingdom



2 Test Details

2.1 Radiated Spurious Emissions (Simultaneous Transmission)

2.1.1 Specification Reference

FCC 47 CFR Part 15, Clause 15.209, 15.247(d) and 15.407(b)
ISED RSS-247, Clause 6.6 and 7.3
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.1.2 Equipment Under Test and Modification State

A3427, S/N: F17G4HW2CV - Modification State 0
A3427, S/N: HL723RK6QW - Modification State 0

2.1.3 Date of Test

28-December-2025 to 16-January-2026 and 23-January-2026 to 26-January-2026

2.1.4 Test Method

Measurements of emissions from the EUT were obtained with the Measurement Antenna in both Horizontal and Vertical Polarisations. The profiling produced a list of the worst-case emissions together with the EUT azimuth and antenna polarisation.

This test was performed in accordance with ANSI C63.10, clause 6.3, 6.5 and 6.6.

Ports on the EUT were terminated with loads as described in ANSI C63.4 clause 6.2.4 for each type of port on the EUT.

For frequencies > 1 GHz, plots for average measurements were taken in accordance with ANSI C63.10, clause 4.1.4.2.5 to characterize the EUT. Where emissions were detected, final average measurements were taken in accordance with ANSI C63.10, clause 4.1.4.2.2, 11.11, 11.12, 12.7.2 or 12.7.3 depending on the nature of the emission measured.

The plots shown are the characterisation of the EUT. The limits on the plots represent the most stringent case for restricted bands, (74/54 dBµV/m) when compared to non-restricted band limits. The limits shown have been used as a threshold to determine where further measurements are necessary. Where results are within 10 dB of the limits shown on the plots, further investigation was carried out and reported in results tables.

The following conversion can be applied to convert from dBµV/m to µV/m:
 $10^{(Field\ Strength\ in\ dB\mu V/m/20)}$

To determine the emission characteristic of the EUT above 18 GHz, the test antenna was swept over all faces of the EUT whilst observing a spectral display. The frequency of any emissions of interest was noted for formal measurement at the correct measurement distance of 1m. This procedure was repeated for all relevant transmit operating channels.

At a measurement distance of 1 meter the limit line was increased by $20 \cdot \log(3/1) = 9.54$ dB.

Radiated spurious emissions tests have been conducted in HDR4 (high power) mode for Narrowband technology as this represents the worst case with respect to Power and PSD.

Simultaneous transmission combinations involving Thread, WLAN and Narrowband have been tested on either Core 0 or Core 1. Whilst Thread can operate on Core 0, 1 or 2, in the final product simultaneous combinations involving Thread will be limited to operation on Core 2.

2.1.5 Example Test Setup Diagram

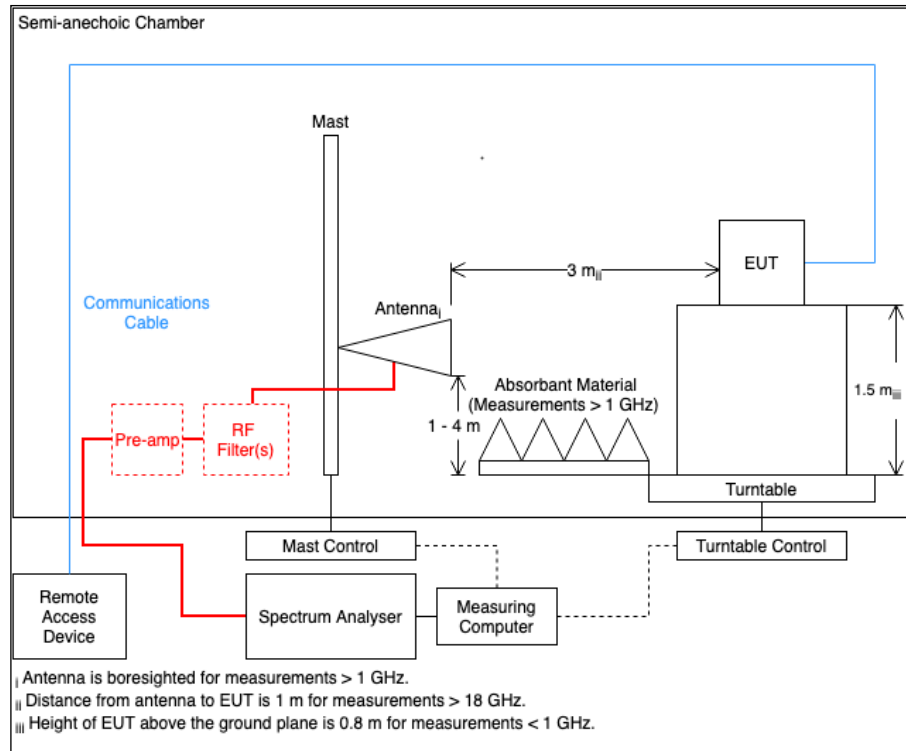


Figure 1

2.1.6 Environmental Conditions

Ambient Temperature	22.1 - 24.0 °C
Relative Humidity	35.6 - 43.8 %

2.1.7 Test Results

5 GHz WLAN and 2.4 GHz Bluetooth

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.954	20.17	40.00	-19.83	Q-Peak	229	253	Vertical
38.135	20.14	40.00	-19.86	Q-Peak	59	346	Horizontal
73.256	18.83	40.00	-21.17	Q-Peak	226	306	Vertical
74.871	17.81	40.00	-22.19	Q-Peak	291	353	Horizontal
282.802	21.08	46.00	-24.92	Q-Peak	307	374	Vertical
283.204	21.15	46.00	-24.85	Q-Peak	350	246	Horizontal
1197.146	27.50	54.00	-26.50	CISPR Avg	73	259	Vertical
1197.376	30.12	54.00	-23.88	CISPR Avg	214	261	Horizontal
1439.513	26.87	54.00	-27.13	CISPR Avg	125	368	Horizontal
1444.059	25.62	54.00	-28.38	CISPR Avg	118	330	Vertical
2384.140	28.70	54.00	-25.30	CISPR Avg	316	315	Horizontal
2386.463	32.94	54.00	-21.06	CISPR Avg	27	304	Vertical
2483.701	34.59	54.00	-19.41	CISPR Avg	22	349	Vertical
2486.151	32.04	54.00	-21.96	CISPR Avg	58	391	Horizontal
5142.211	55.44	74.00	-18.56	Peak	1	341	Vertical
5433.524	56.54	74.00	-17.46	Peak	348	347	Vertical

Table 6 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

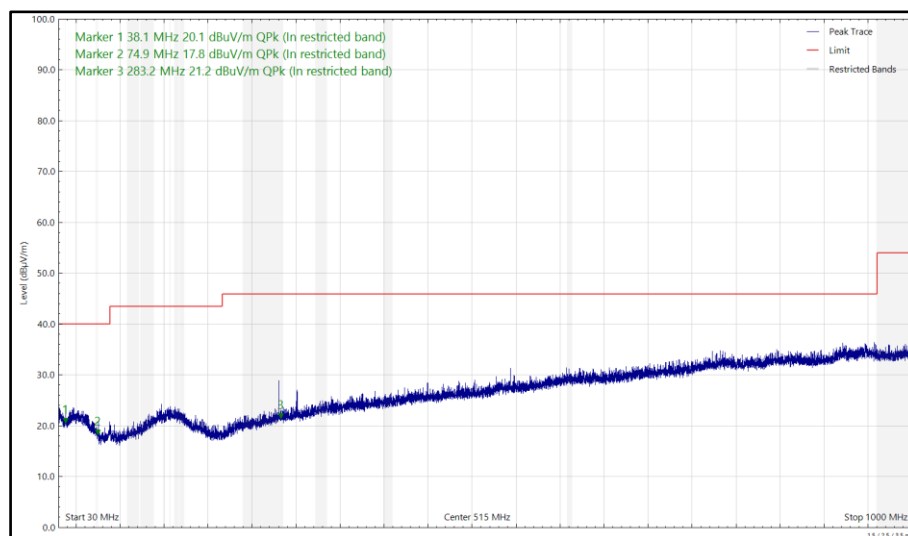


Figure 2 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

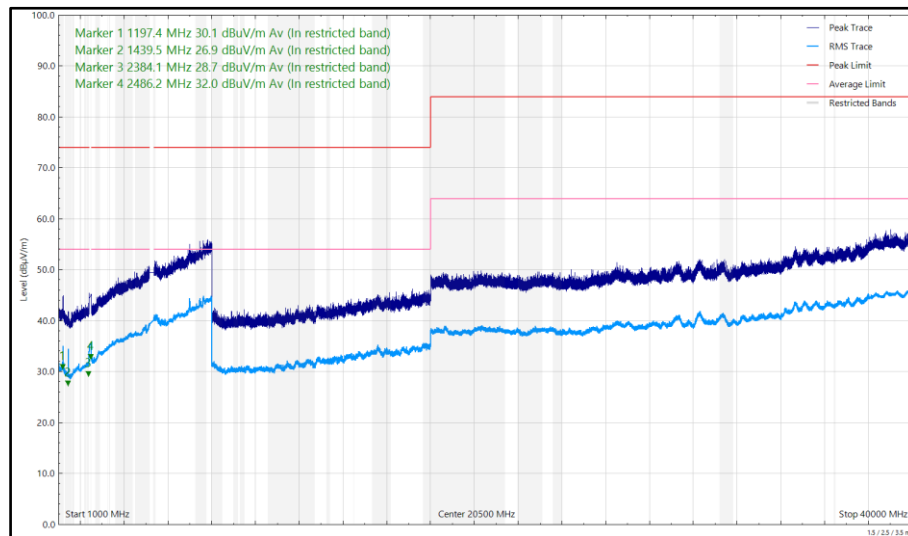


Figure 3 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

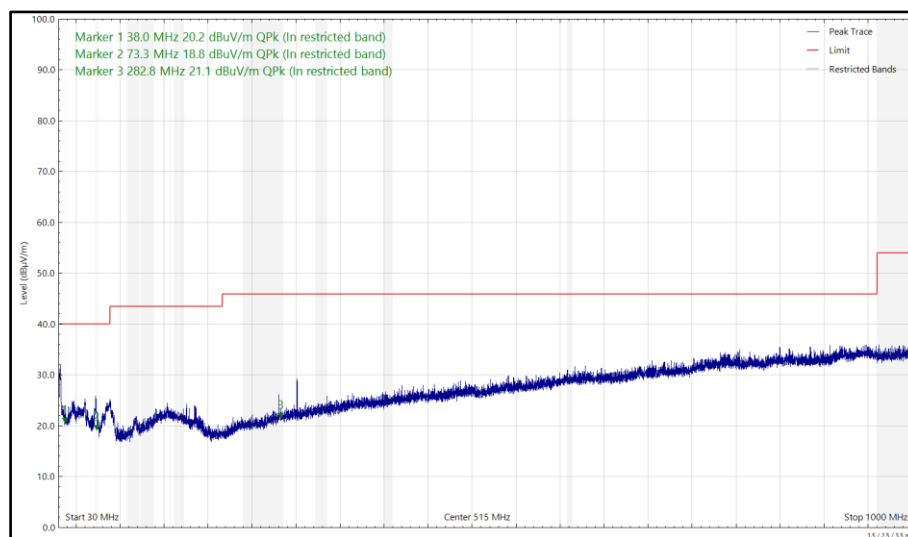


Figure 4 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

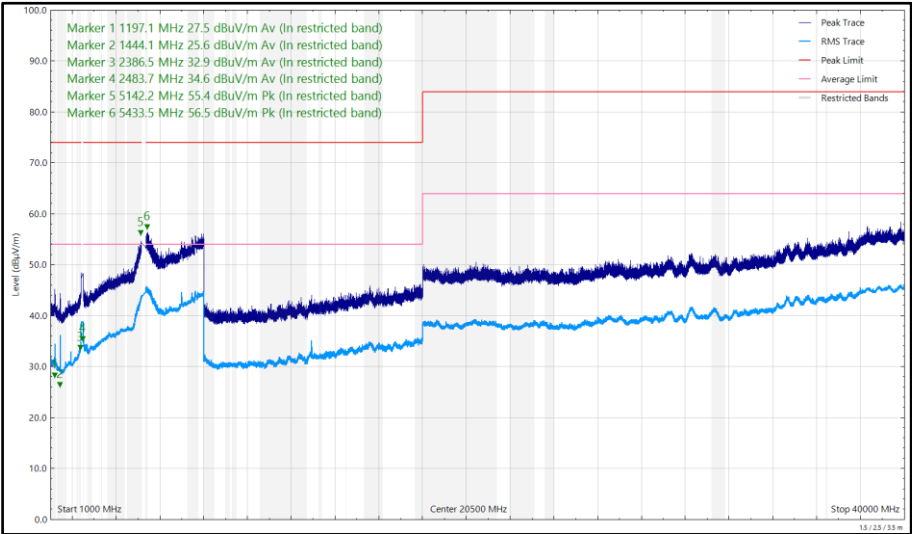


Figure 5 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.633	20.07	40.00	-19.93	Q-Peak	272	360	Horizontal
73.058	20.93	40.00	-19.07	Q-Peak	145	122	Vertical
74.132	17.94	40.00	-22.06	Q-Peak	167	382	Horizontal
169.051	21.25	43.50	-22.25	Q-Peak	0	348	Horizontal
275.519	20.56	46.00	-25.44	Q-Peak	145	109	Horizontal
284.623	21.13	46.00	-24.87	Q-Peak	215	265	Vertical
1198.620	27.90	54.00	-26.10	CISPR Avg	168	164	Vertical
1440.452	26.88	54.00	-27.12	CISPR Avg	128	173	Vertical
2388.001	34.31	54.00	-19.69	CISPR Avg	356	299	Vertical
2389.729	30.63	54.00	-23.37	CISPR Avg	48	393	Horizontal
2484.039	34.60	54.00	-19.40	CISPR Avg	17	353	Vertical
2485.610	29.17	54.00	-24.83	CISPR Avg	78	389	Horizontal
5444.004	56.17	74.00	-17.83	Peak	353	341	Vertical

Table 7 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

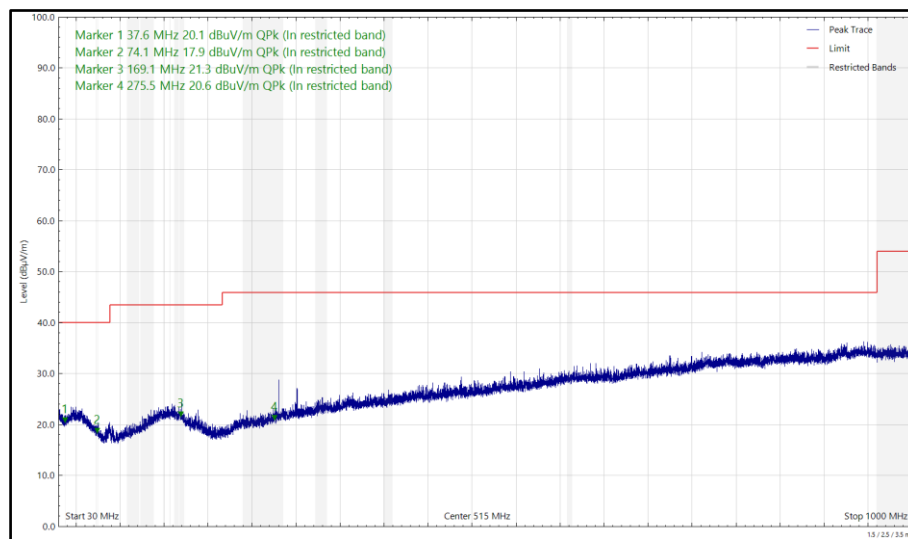


Figure 6 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

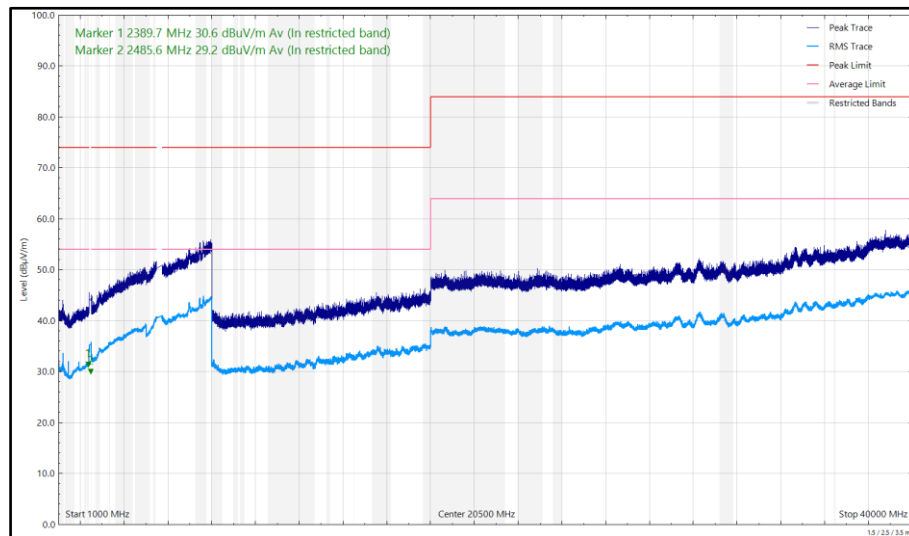


Figure 7 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

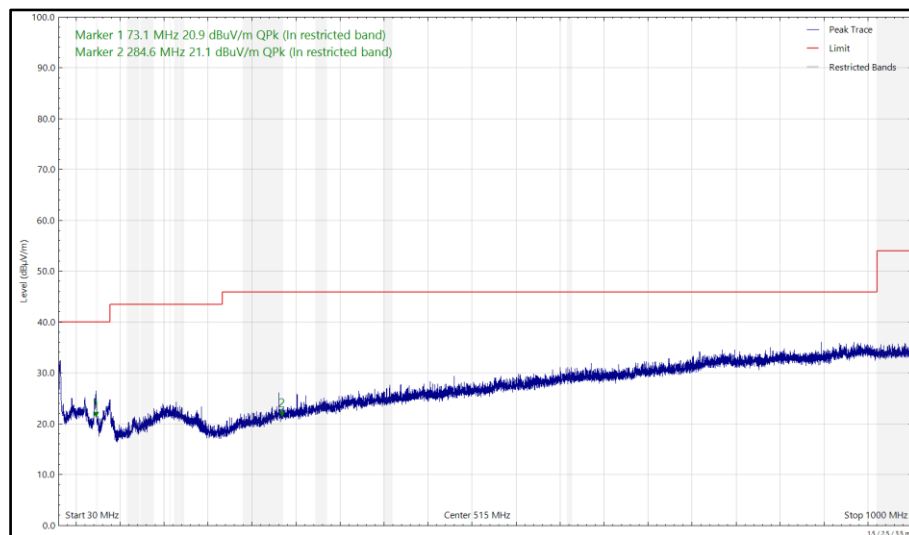


Figure 8 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

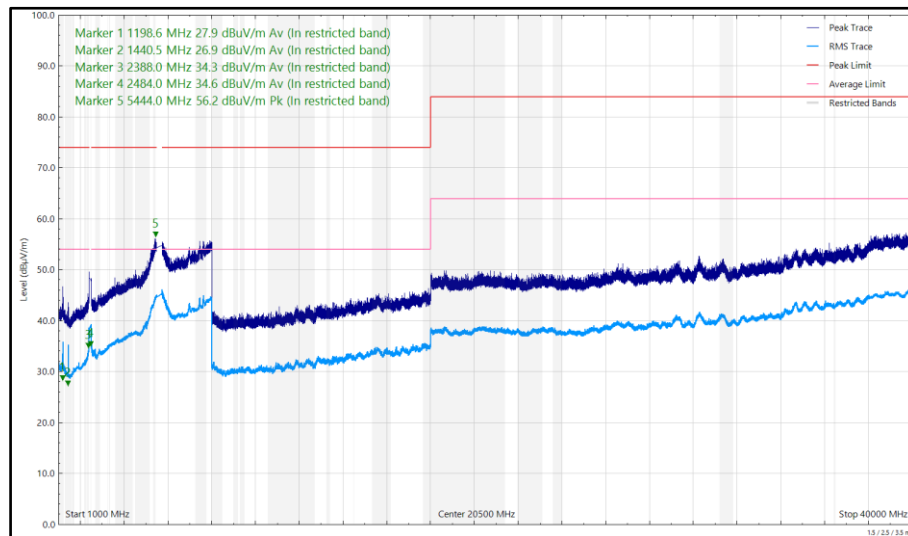


Figure 9 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.534	20.08	40.00	-19.92	Q-Peak	101	287	Vertical
73.008	21.17	40.00	-18.83	Q-Peak	130	105	Vertical
163.721	21.51	43.50	-21.99	Q-Peak	149	346	Horizontal
166.977	21.39	43.50	-22.11	Q-Peak	255	379	Vertical
282.754	21.06	46.00	-24.94	Q-Peak	99	291	Horizontal
284.840	21.14	46.00	-24.86	Q-Peak	257	383	Vertical
1199.819	28.96	54.00	-25.04	CISPR Avg	252	149	Vertical
1440.139	26.69	54.00	-27.31	CISPR Avg	128	367	Vertical
2388.018	34.25	54.00	-19.75	CISPR Avg	348	325	Vertical
2483.654	31.85	54.00	-22.15	CISPR Avg	63	390	Horizontal
2483.686	33.63	54.00	-20.37	CISPR Avg	338	319	Vertical
5428.879	55.01	74.00	-18.99	Peak	353	332	Vertical
11571.896	32.28	54.00	-21.72	RMS	118	185	Vertical

Table 8 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

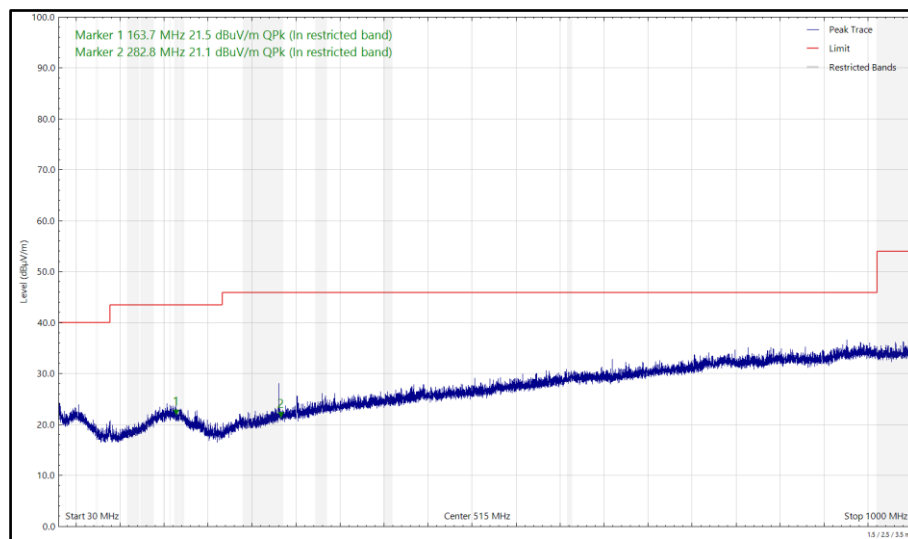


Figure 10 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

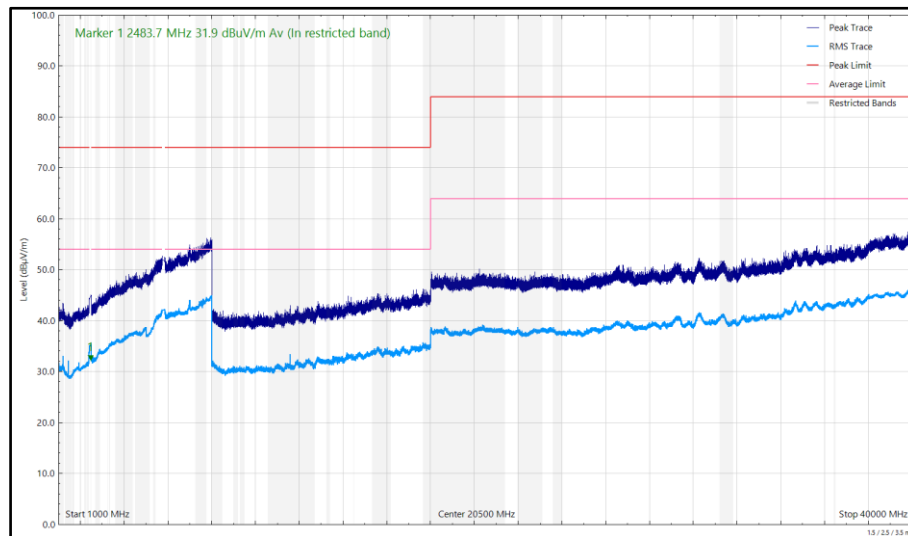


Figure 11 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

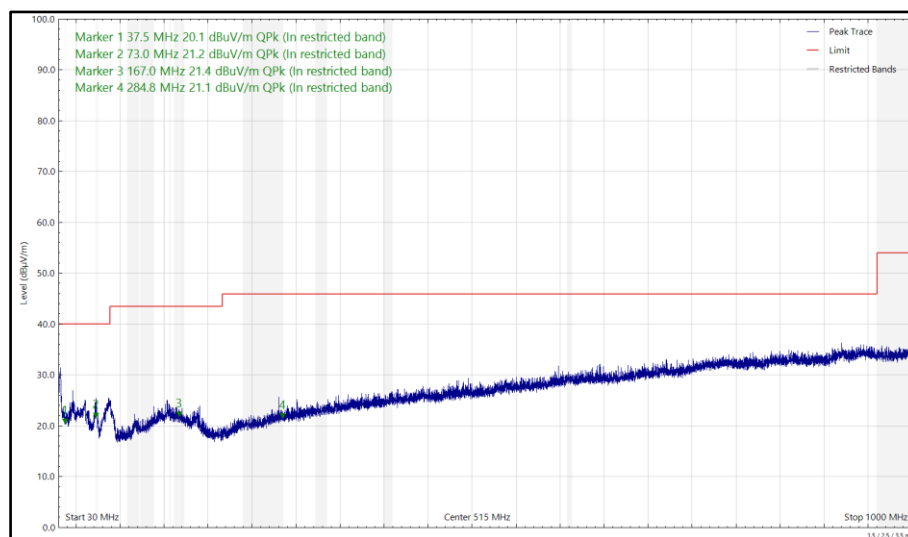


Figure 12 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

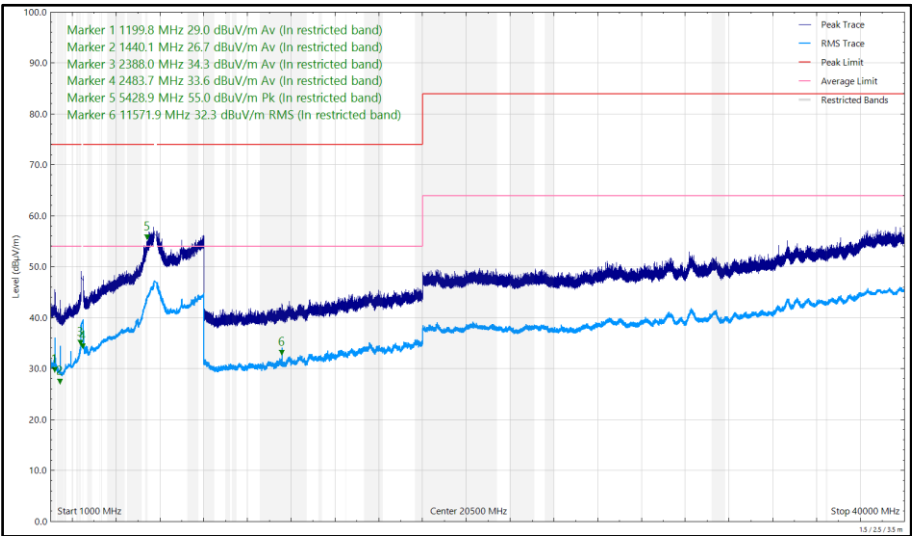


Figure 13 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISSED RSS-247 and ISSED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc / -30 dBc
Part 15.407 (b) / RSS-247 Clause 6.6, 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4	-27 dBm e.i.r.p
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBμV/m at 3m, Average 54 dBμV/m at 3m (Restricted bands > 1 GHz)
Part 15.407 (b) / RSS-247 Clause 7.3.2.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.3.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.4.4	-27 dBm e.i.r.p

Table 9

6 GHz WLAN and 2.4 GHz Bluetooth

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.090	20.12	40.00	-19.88	Q-Peak	48	296	Horizontal
38.169	20.15	40.00	-19.85	Q-Peak	281	295	Vertical
73.491	18.80	40.00	-21.20	Q-Peak	271	162	Vertical
279.983	20.95	46.00	-25.05	Q-Peak	98	341	Horizontal
1195.505	29.10	54.00	-24.90	CISPR Avg	109	139	Vertical
1198.724	30.59	54.00	-23.41	CISPR Avg	118	290	Horizontal
1439.573	25.75	54.00	-28.25	CISPR Avg	108	230	Vertical
2388.304	33.52	54.00	-20.48	CISPR Avg	348	310	Vertical
2483.780	31.74	54.00	-22.26	CISPR Avg	53	390	Horizontal
2484.089	34.08	54.00	-19.92	CISPR Avg	12	300	Vertical

Table 10 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

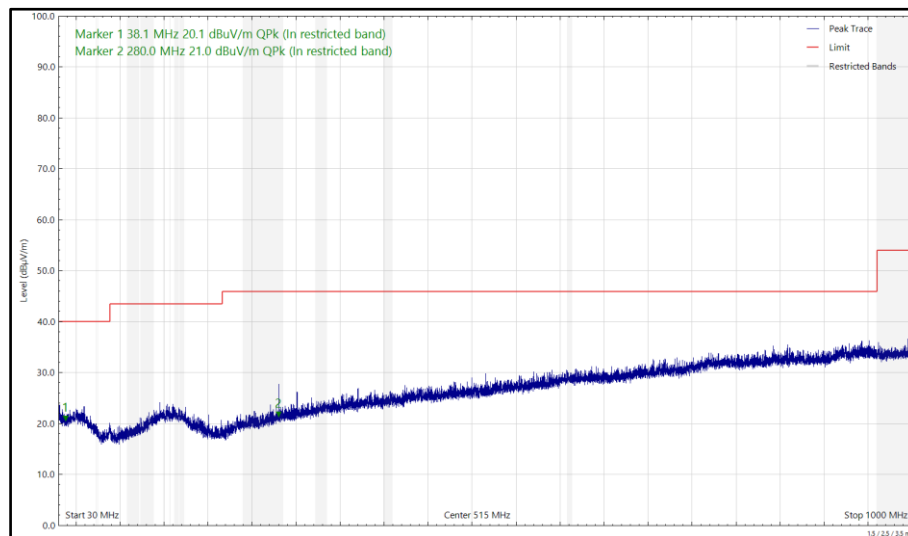


Figure 14 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

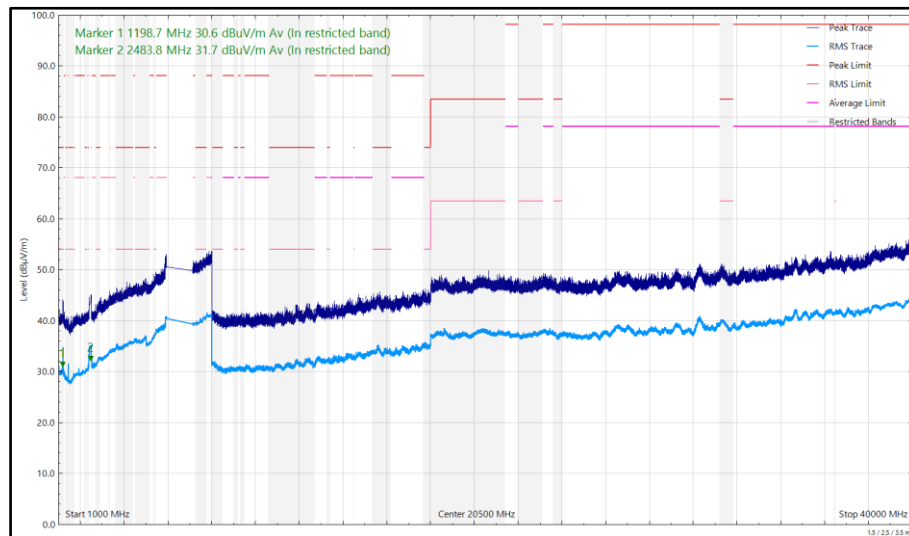


Figure 15 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

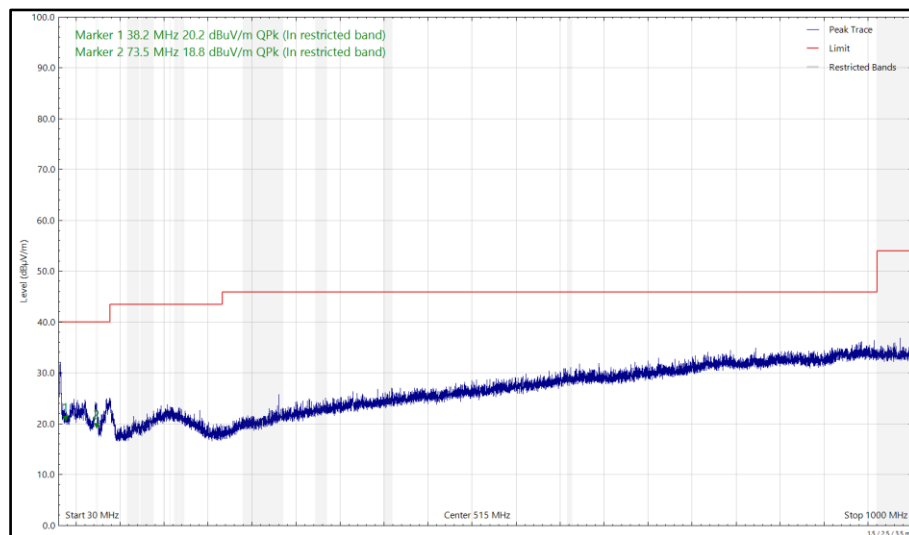


Figure 16 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

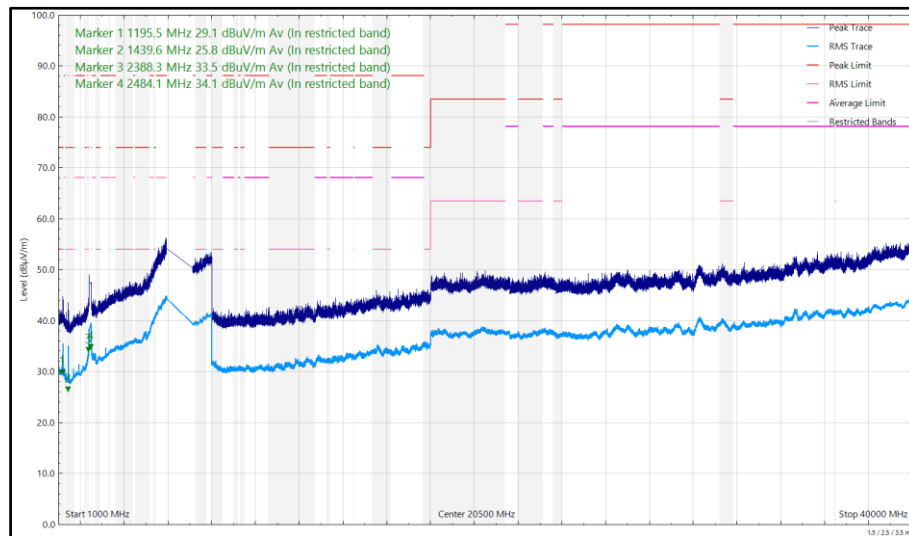


Figure 17 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.157	20.22	40.00	-19.78	Q-Peak	353	164	Vertical
73.053	20.34	40.00	-19.66	Q-Peak	159	106	Vertical
164.233	21.40	43.50	-22.10	Q-Peak	285	232	Horizontal
165.588	21.34	43.50	-22.16	Q-Peak	353	112	Vertical
279.995	20.89	46.00	-25.11	Q-Peak	67	239	Horizontal
1195.175	27.63	54.00	-26.37	CISPR Avg	112	318	Vertical
1196.575	30.29	54.00	-23.71	CISPR Avg	118	331	Horizontal
1439.800	27.29	54.00	-26.71	CISPR Avg	111	277	Vertical
2387.731	33.05	54.00	-20.95	CISPR Avg	337	266	Vertical
2483.894	31.52	54.00	-22.48	CISPR Avg	55	399	Horizontal
2485.021	33.19	54.00	-20.81	CISPR Avg	6	310	Vertical

Table 11 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

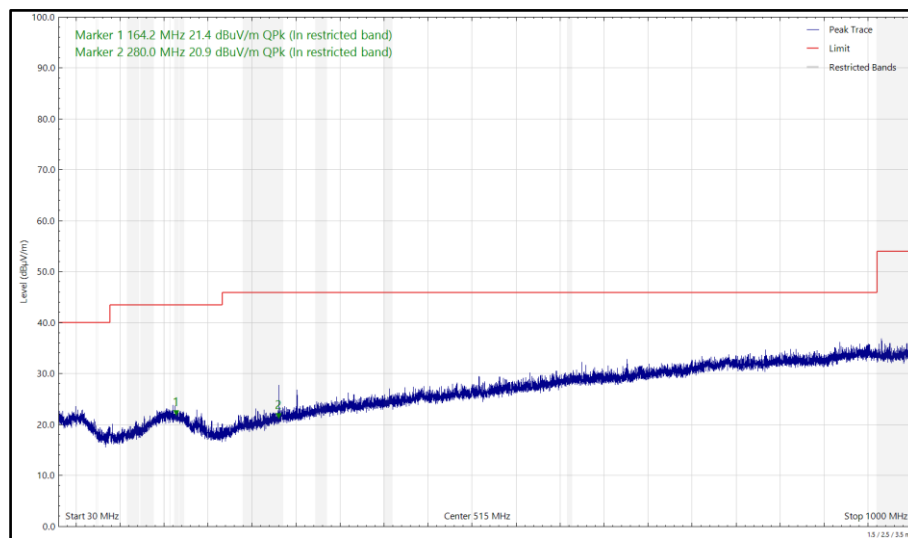


Figure 18 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

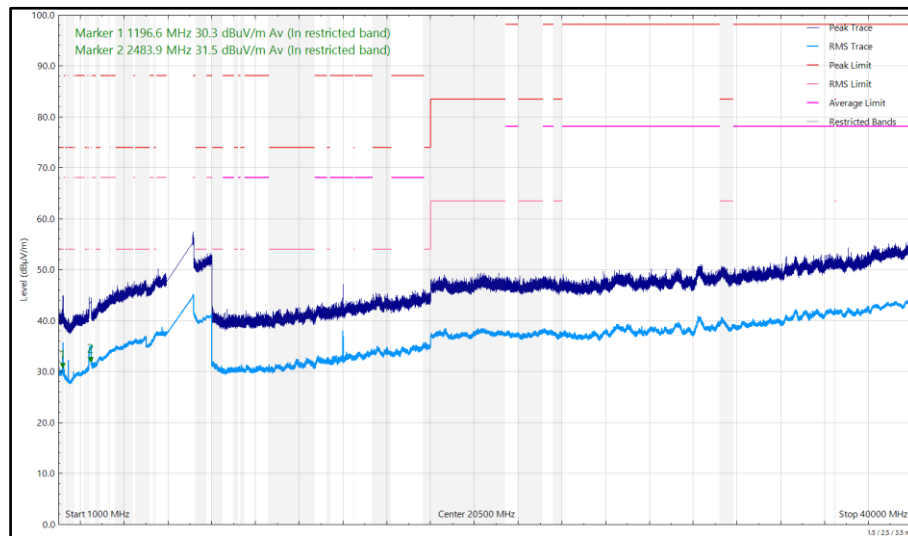


Figure 19 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

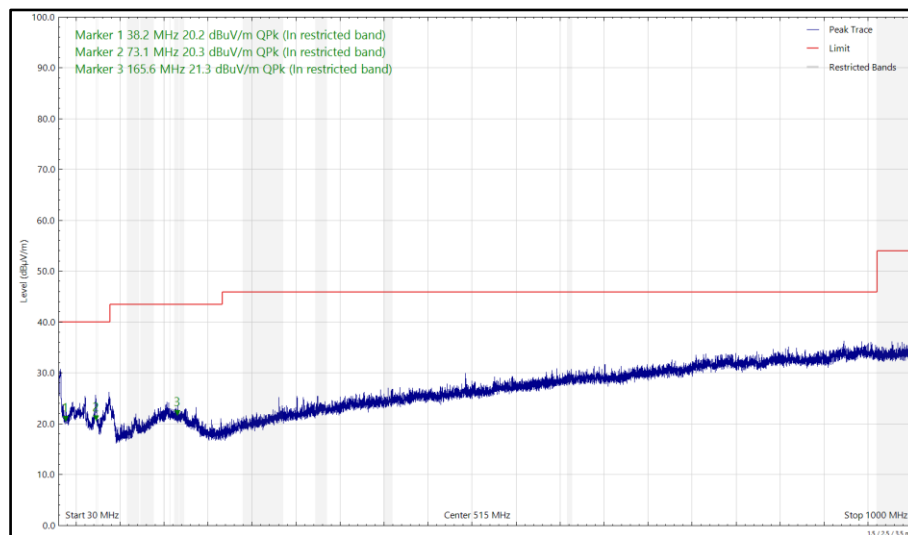


Figure 20 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

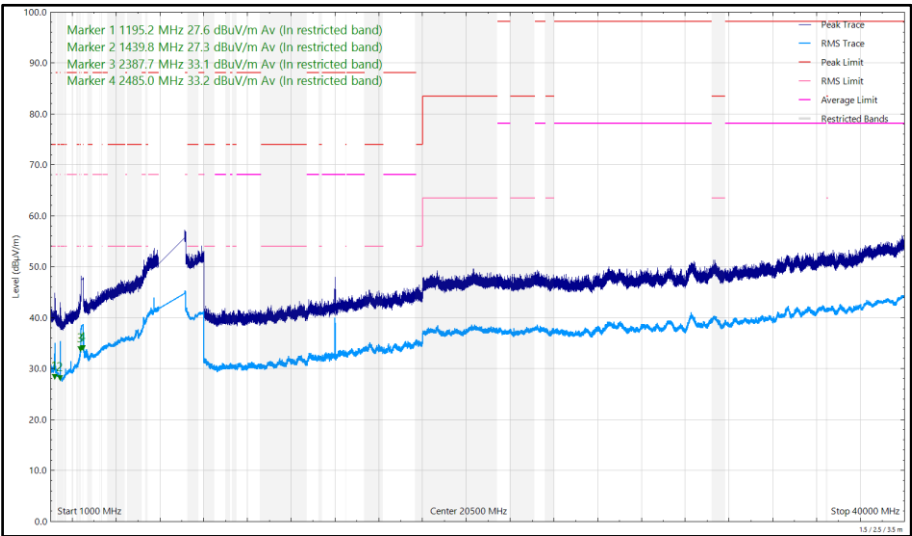


Figure 21 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247, ISED RSS-248 and ISED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15 247 (d) / RSS-247 Clause 6.6	-20 dBc
Part 15.407 (b) / RSS-248 Clause 4.6.2	Peak: -7 dBm/MHz e.i.r.p, Average: -27 dBm/MHz e.i.r.p.
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBµV/m at 3m, Average 54 dBµV/m at 3m (Restricted bands > 1 GHz)

Table 12



5 GHz WLAN and Thread

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.105	20.22	40.00	-19.78	Q-Peak	296	100	Vertical
73.267	17.98	40.00	-22.02	Q-Peak	137	100	Horizontal
74.506	18.66	40.00	-21.34	Q-Peak	251	199	Vertical
74.802	18.02	40.00	-21.98	Q-Peak	260	316	Vertical
135.604	20.12	43.50	-23.38	Q-Peak	133	283	Horizontal
164.968	21.37	43.50	-22.13	Q-Peak	359	170	Horizontal
284.331	21.09	46.00	-24.91	Q-Peak	360	105	Horizontal
284.584	21.15	46.00	-24.85	Q-Peak	77	329	Vertical
1198.608	32.24	54.00	-21.76	RMS	118	380	Horizontal
1199.895	33.63	54.00	-20.37	RMS	64	324	Vertical
1440.137	31.34	54.00	-22.66	RMS	115	307	Vertical
2387.781	35.63	54.00	-18.37	RMS	29	380	Vertical
2483.535	35.16	54.00	-18.84	RMS	56	392	Horizontal
2483.650	36.06	54.00	-17.94	RMS	26	273	Vertical
4974.383	38.71	54.00	-15.29	RMS	62	387	Horizontal
5142.707	39.51	54.00	-14.49	RMS	118	398	Horizontal
5147.371	44.52	54.00	-9.48	RMS	3	313	Vertical
5148.670	55.08	74.00	-18.92	Peak	343	296	Vertical
5358.672	45.56	54.00	-8.44	RMS	348	314	Vertical
5391.075	40.49	54.00	-13.51	RMS	294	342	Horizontal
5433.132	56.22	74.00	-17.78	Peak	359	327	Vertical

Table 13 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

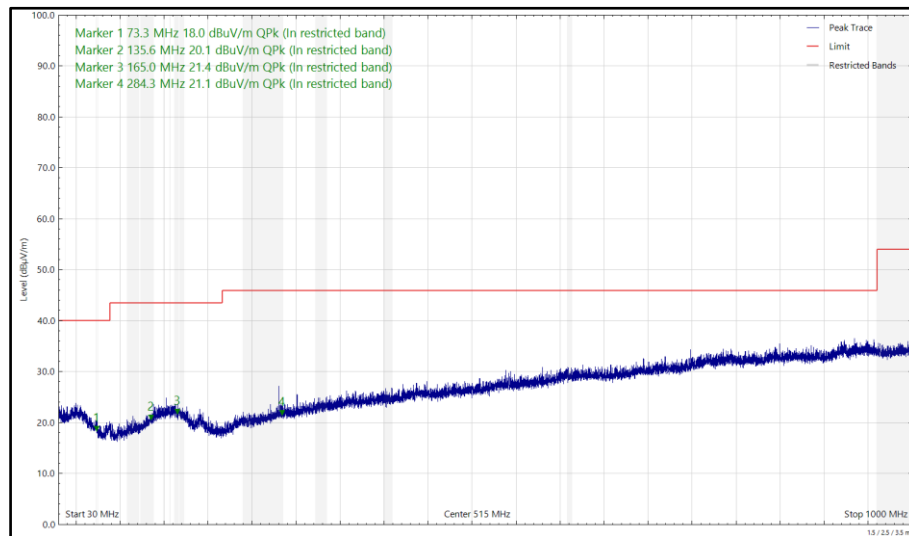


Figure 22 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

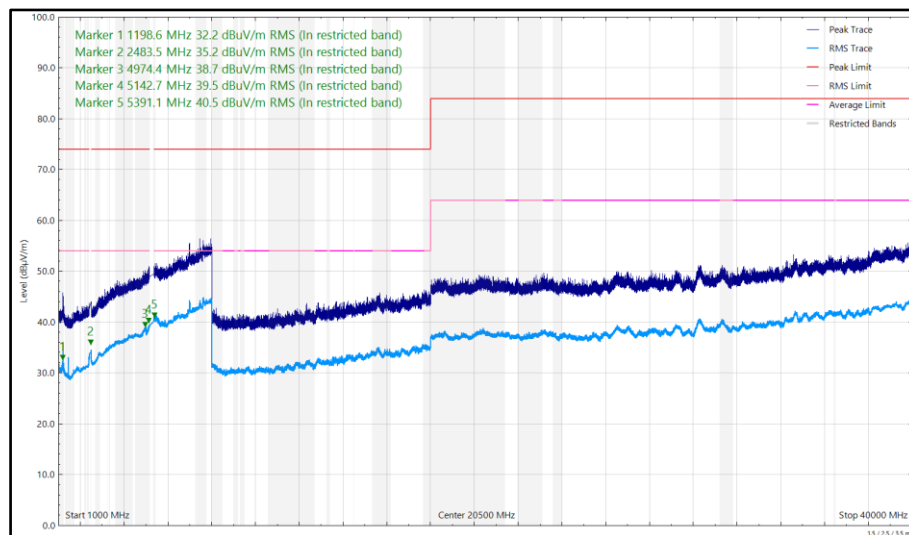


Figure 23 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

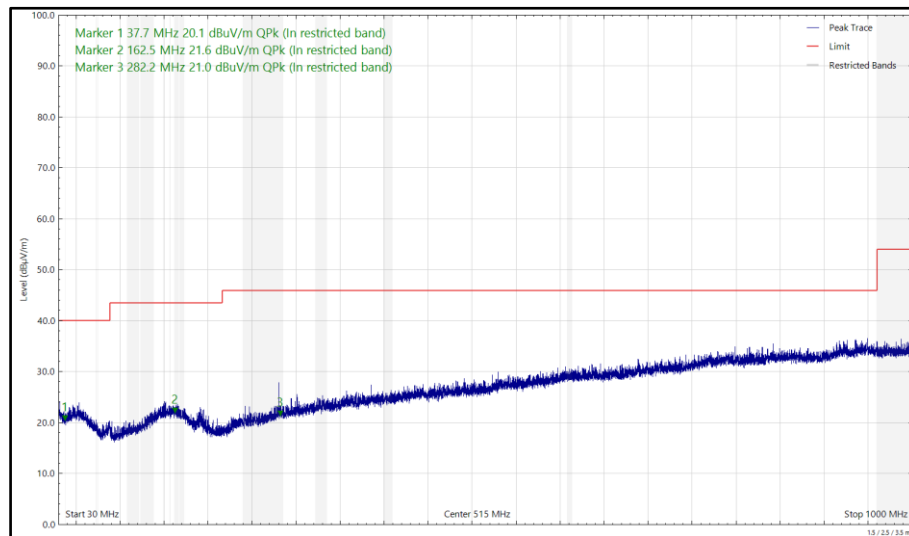


Figure 24 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

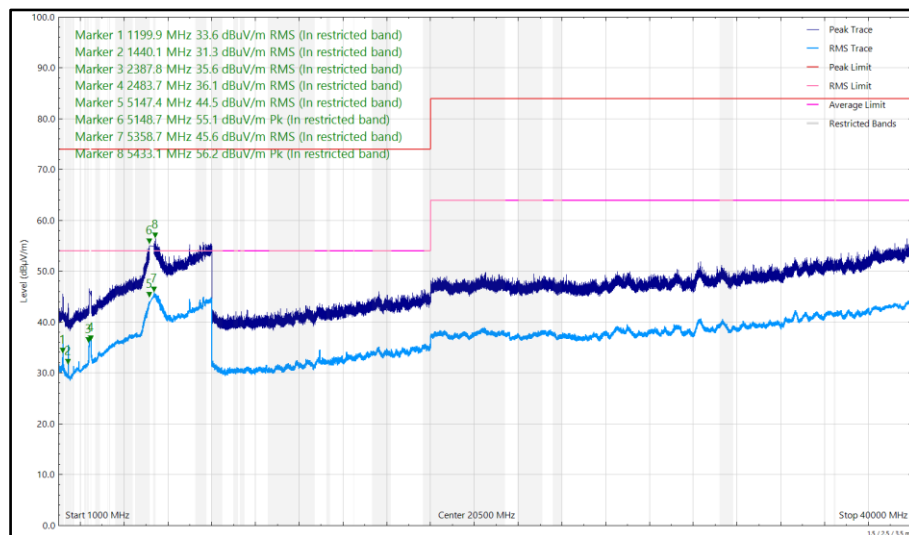


Figure 25 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.674	20.09	40.00	-19.91	Q-Peak	150	163	Horizontal
37.833	20.16	40.00	-19.84	Q-Peak	89	179	Vertical
74.585	18.52	40.00	-21.48	Q-Peak	348	155	Vertical
162.454	21.61	43.50	-21.89	Q-Peak	257	164	Horizontal
162.597	21.54	43.50	-21.96	Q-Peak	350	252	Vertical
282.153	20.95	46.00	-25.05	Q-Peak	211	148	Horizontal
282.869	21.15	46.00	-24.85	Q-Peak	292	168	Vertical
1199.888	33.45	54.00	-20.55	RMS	118	183	Vertical
1200.080	32.28	54.00	-21.72	RMS	122	390	Horizontal
1440.149	29.93	54.00	-24.07	RMS	118	325	Vertical
2389.897	37.81	54.00	-16.19	RMS	4	331	Vertical
2483.506	37.26	54.00	-16.74	RMS	1	339	Vertical
5144.500	55.52	74.00	-18.48	Peak	4	344	Vertical
5146.839	44.66	54.00	-9.34	RMS	7	320	Vertical
5147.027	39.56	54.00	-14.44	RMS	118	385	Horizontal
5361.537	45.46	54.00	-8.54	RMS	3	320	Vertical
5400.837	40.75	54.00	-13.25	RMS	289	353	Horizontal
5414.428	56.50	74.00	-17.50	Peak	347	318	Vertical

Table 14 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

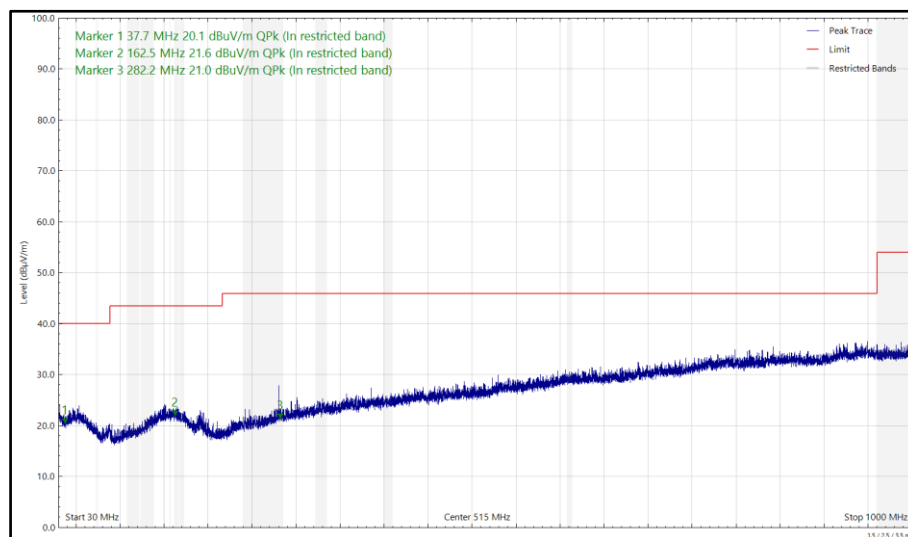


Figure 26 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

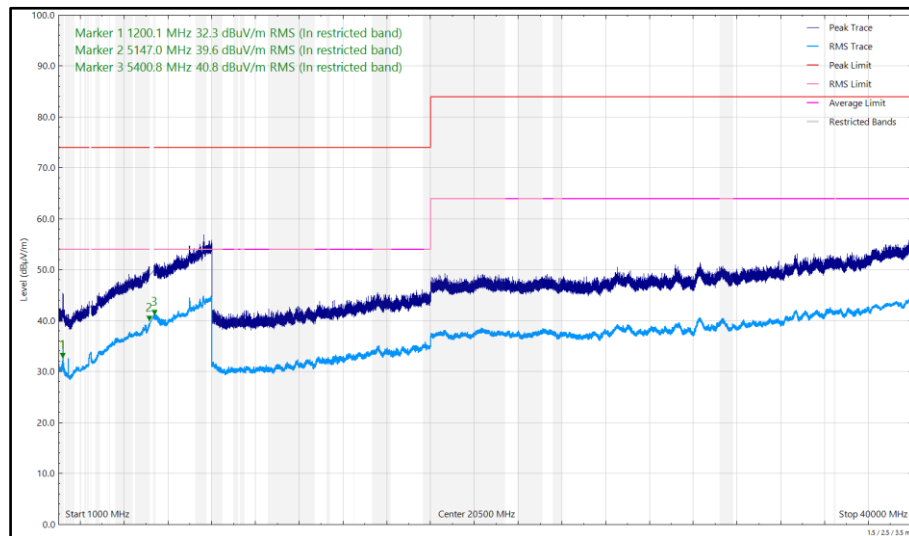


Figure 27 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

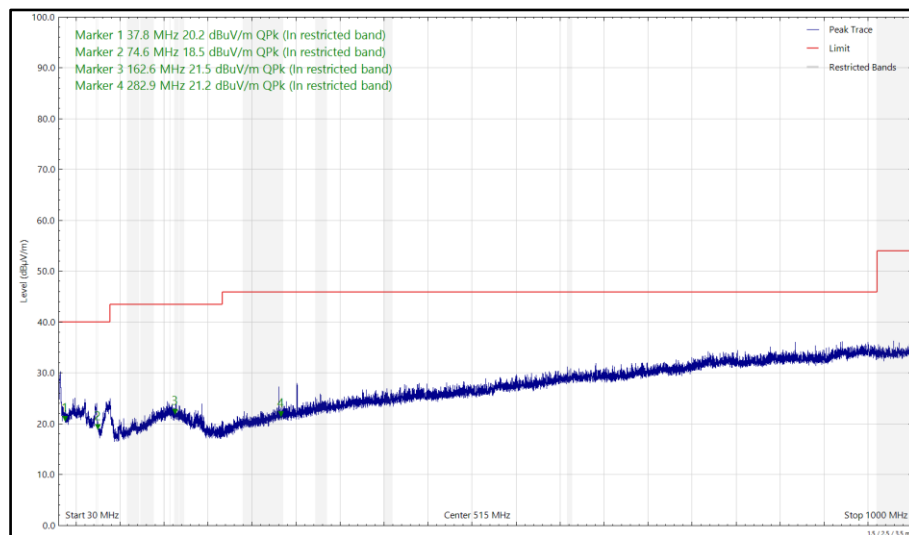


Figure 28 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

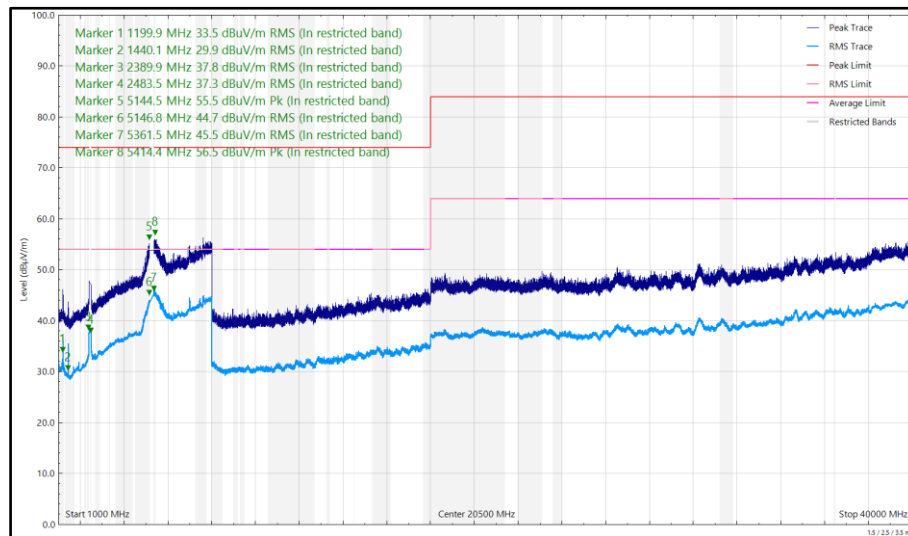


Figure 29 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.671	20.03	40.00	-19.97	Q-Peak	350	100	Horizontal
37.871	20.10	40.00	-19.90	Q-Peak	334	212	Vertical
73.636	18.67	40.00	-21.33	Q-Peak	281	143	Vertical
163.438	21.43	43.50	-22.07	Q-Peak	353	289	Vertical
280.391	20.85	46.00	-25.15	Q-Peak	76	367	Horizontal
282.626	21.04	46.00	-24.96	Q-Peak	45	272	Vertical
1198.871	33.48	54.00	-20.52	RMS	52	113	Vertical
1199.776	31.36	54.00	-22.64	RMS	124	338	Horizontal
1440.113	29.57	54.00	-24.43	RMS	108	194	Vertical
2389.908	35.00	54.00	-19.00	RMS	11	365	Vertical
2483.971	35.51	54.00	-18.49	RMS	59	394	Horizontal
2483.971	36.76	54.00	-17.24	RMS	43	357	Vertical
5449.133	44.96	54.00	-9.04	RMS	0	260	Vertical
5457.269	41.02	54.00	-12.98	RMS	294	400	Horizontal
5457.428	56.55	74.00	-17.45	Peak	3	259	Vertical

Table 15 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

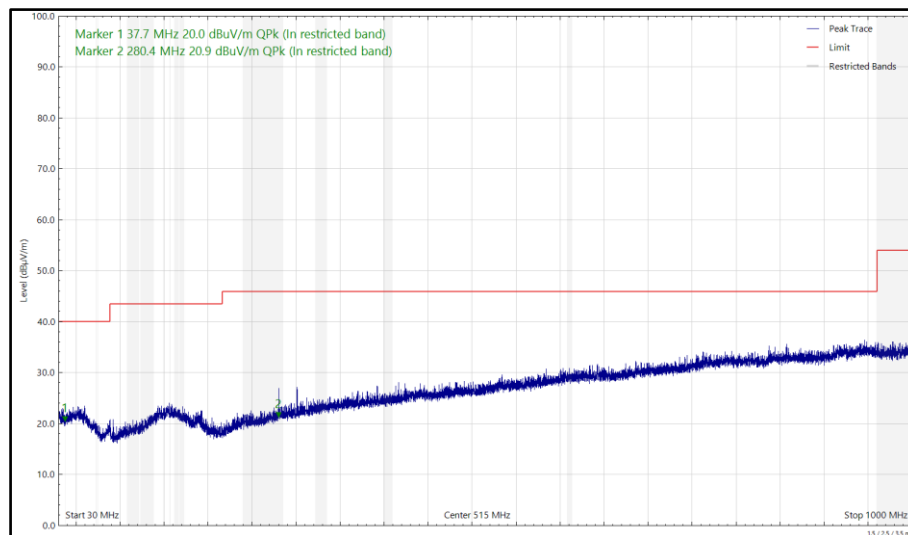


Figure 30 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

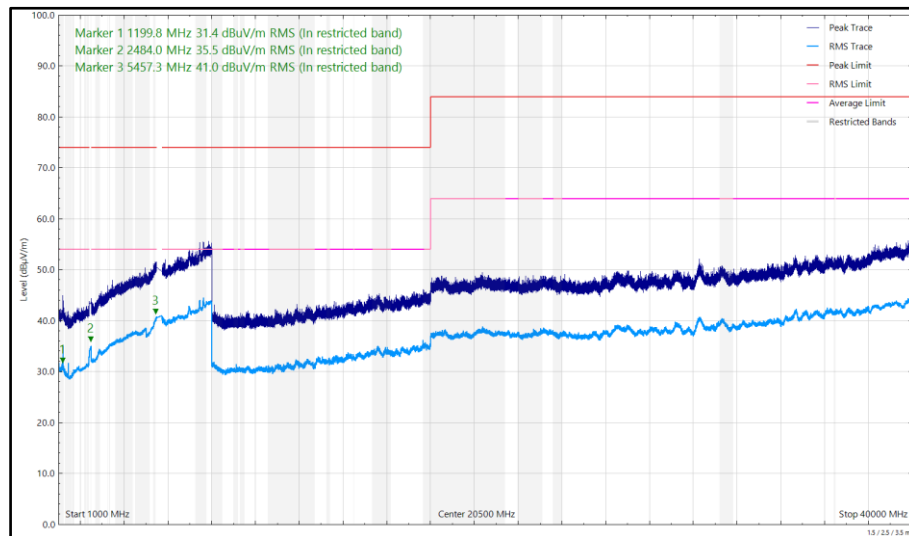


Figure 31 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

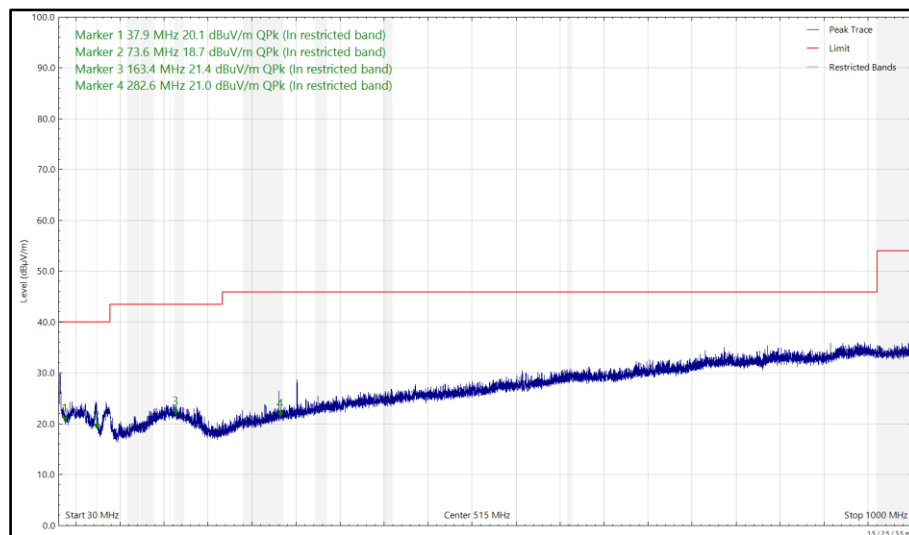


Figure 32 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

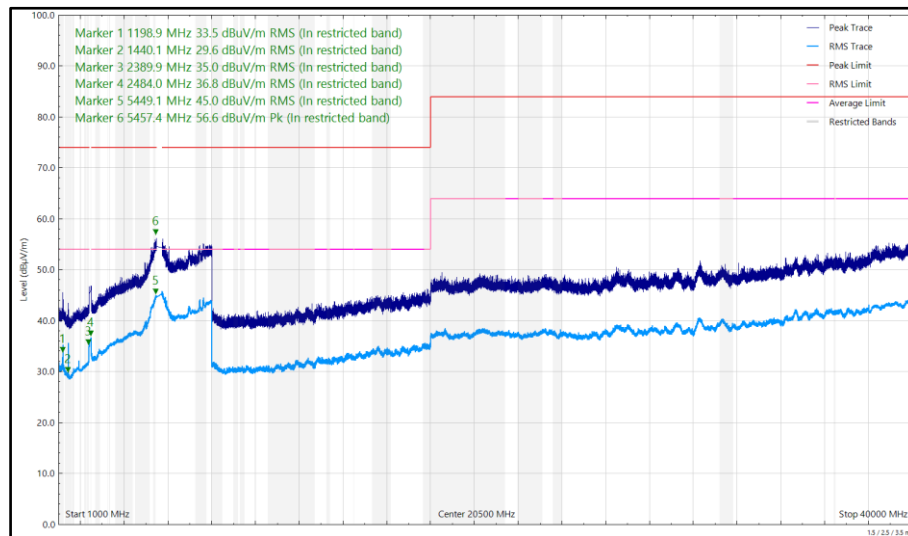


Figure 33 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.647	19.99	40.00	-20.01	Q-Peak	338	109	Horizontal
37.700	20.09	40.00	-19.91	Q-Peak	111	188	Vertical
73.069	20.03	40.00	-19.97	Q-Peak	224	112	Vertical
164.314	21.41	43.50	-22.09	Q-Peak	229	168	Vertical
165.386	21.35	43.50	-22.15	Q-Peak	352	332	Horizontal
281.814	20.96	46.00	-25.04	Q-Peak	256	102	Horizontal
283.373	21.12	46.00	-24.88	Q-Peak	30	155	Vertical
1199.388	31.71	54.00	-22.29	RMS	65	179	Vertical
1199.976	31.35	54.00	-22.65	RMS	118	338	Horizontal
1440.077	31.40	54.00	-22.60	RMS	118	340	Vertical
2389.888	38.20	54.00	-15.80	RMS	356	329	Vertical
2483.720	37.62	54.00	-16.38	RMS	352	339	Vertical
5404.190	55.71	74.00	-18.29	Peak	0	312	Vertical
5456.485	45.14	54.00	-8.86	RMS	352	339	Vertical
5459.343	40.51	54.00	-13.49	RMS	290	386	Horizontal

Table 16 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

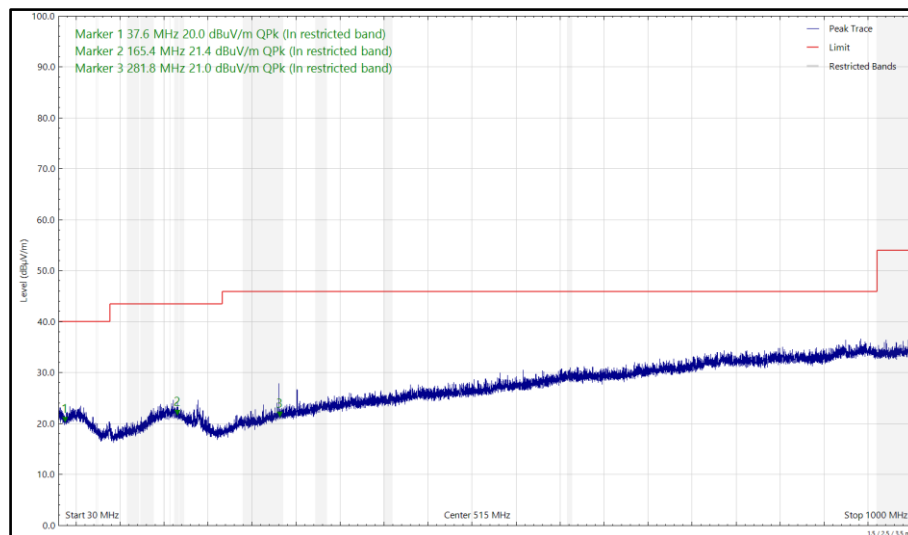


Figure 34 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

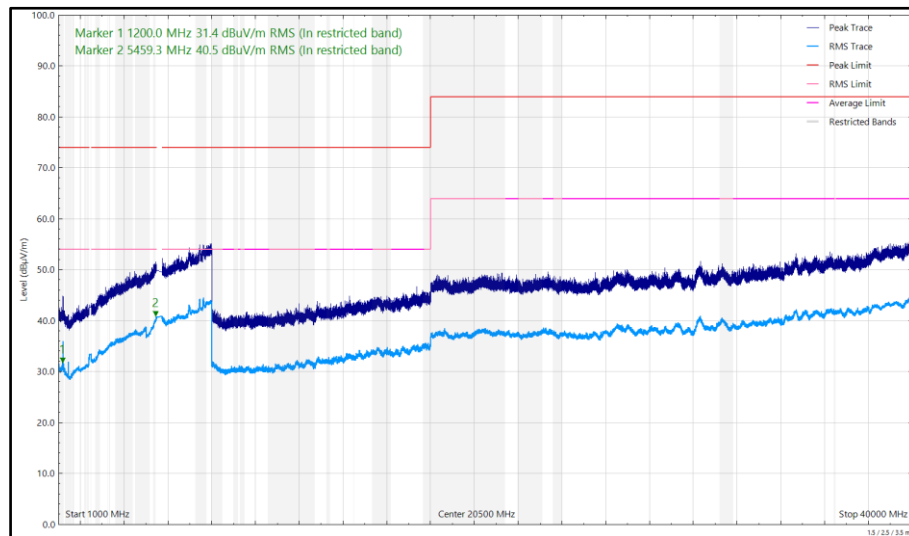


Figure 35 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

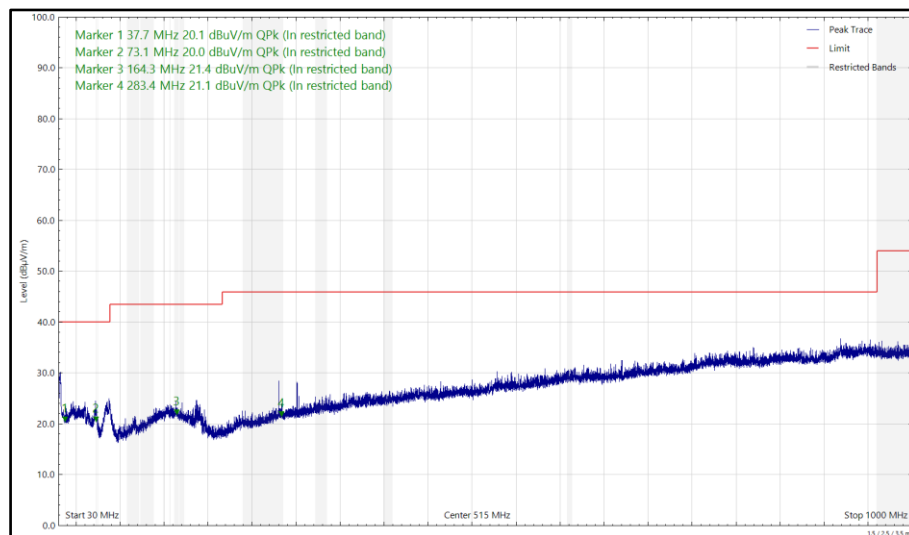


Figure 36 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

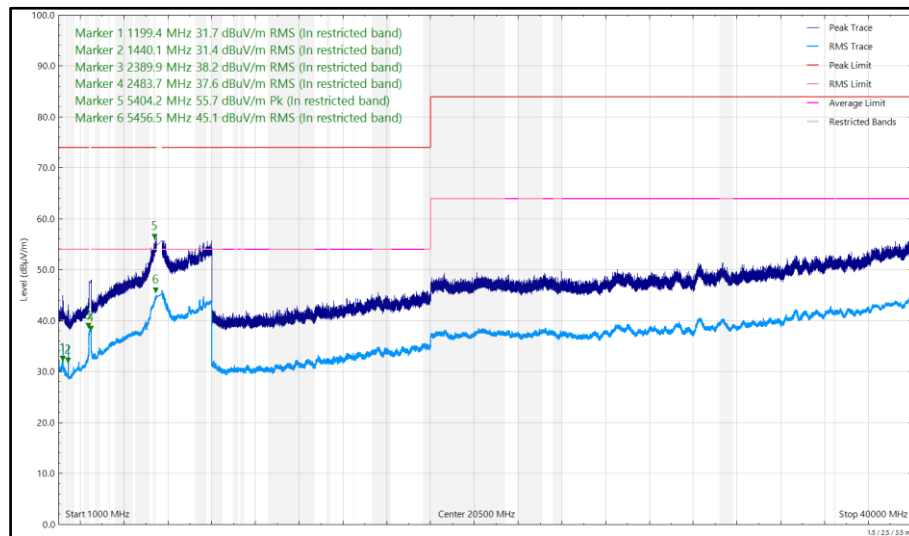


Figure 37 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.027	20.11	40.00	-19.89	Q-Peak	69	289	Horizontal
73.218	18.82	40.00	-21.18	Q-Peak	278	202	Vertical
73.403	17.99	40.00	-22.01	Q-Peak	227	292	Horizontal
75.094	18.29	40.00	-21.71	Q-Peak	350	110	Vertical
172.512	20.82	43.50	-22.68	Q-Peak	276	279	Horizontal
276.088	20.66	46.00	-25.34	Q-Peak	279	265	Horizontal
282.381	21.06	46.00	-24.94	Q-Peak	313	280	Vertical
1198.472	31.85	54.00	-22.15	RMS	120	283	Horizontal
1198.815	31.77	54.00	-22.23	RMS	58	298	Vertical
1439.909	30.32	54.00	-23.68	RMS	117	305	Vertical
2389.805	35.66	54.00	-18.34	RMS	19	324	Vertical
2483.557	35.23	54.00	-18.77	RMS	57	390	Horizontal
2484.386	37.25	54.00	-16.75	RMS	48	400	Vertical
5453.746	55.90	74.00	-18.10	Peak	0	259	Vertical
5455.459	44.81	54.00	-9.19	RMS	357	342	Vertical
5459.773	41.00	54.00	-13.00	RMS	295	400	Horizontal

Table 17 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

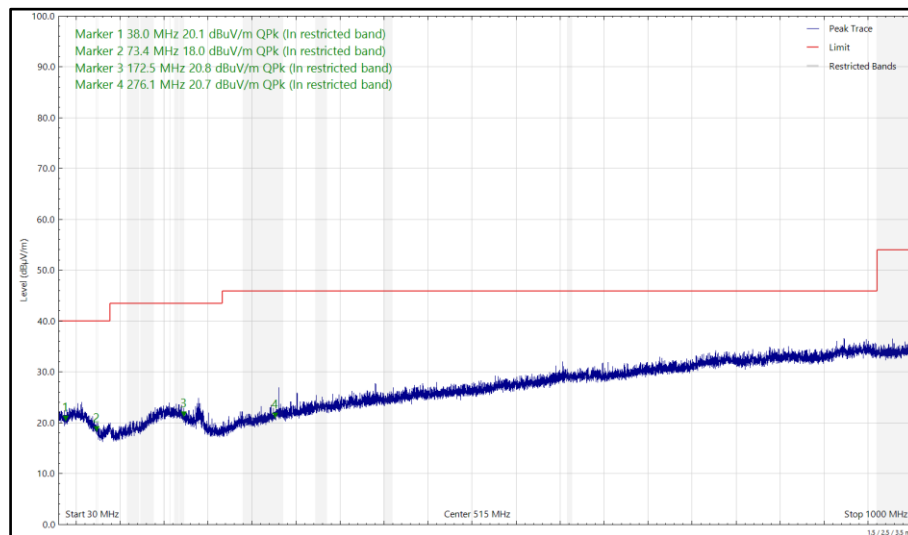


Figure 38 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

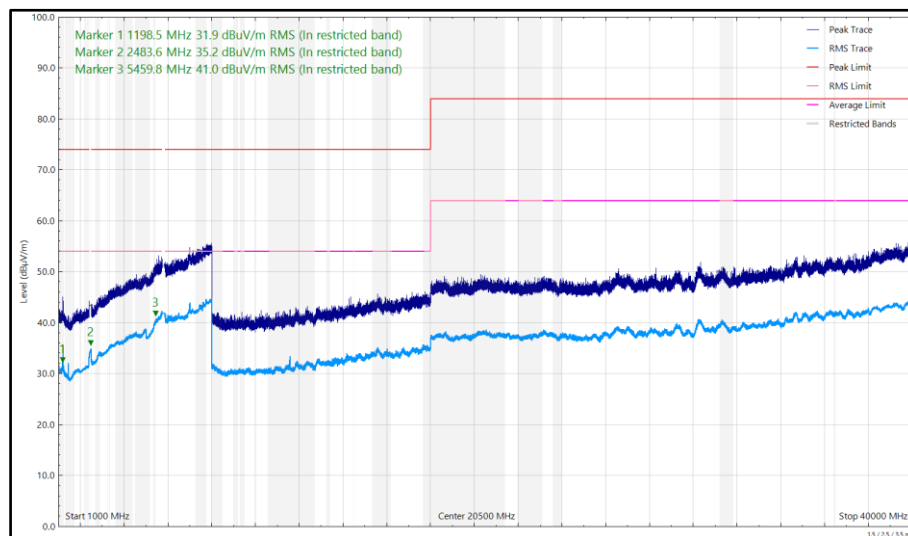


Figure 39 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

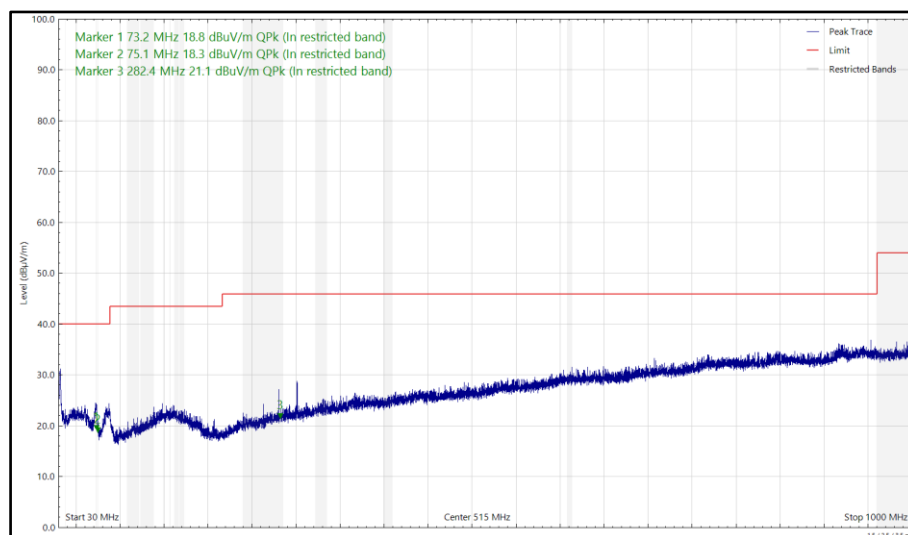


Figure 40 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

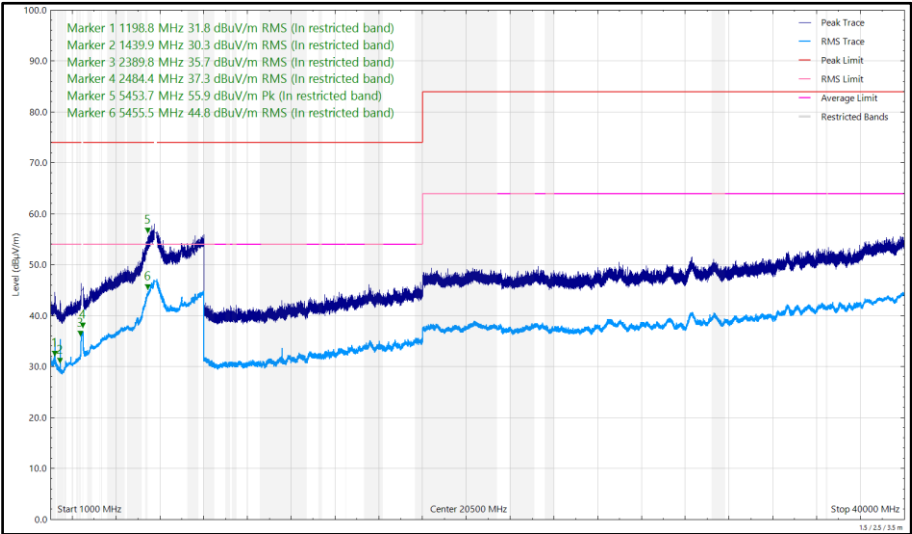


Figure 41 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.694	20.08	40.00	-19.92	Q-Peak	356	150	Vertical
73.489	17.93	40.00	-22.07	Q-Peak	255	269	Horizontal
75.091	18.05	40.00	-21.95	Q-Peak	301	224	Vertical
162.509	21.48	43.50	-22.02	Q-Peak	360	287	Horizontal
171.768	21.00	43.50	-22.50	Q-Peak	352	213	Vertical
276.669	20.63	46.00	-25.37	Q-Peak	26	293	Horizontal
278.795	20.72	46.00	-25.28	Q-Peak	278	249	Vertical
1198.031	31.40	54.00	-22.60	RMS	118	335	Horizontal
1198.052	31.79	54.00	-22.21	RMS	108	188	Vertical
1440.293	30.63	54.00	-23.37	RMS	118	317	Vertical
2389.597	37.15	54.00	-16.85	RMS	5	350	Vertical
2483.598	38.00	54.00	-16.00	RMS	341	344	Vertical
5429.003	54.93	74.00	-19.07	Peak	1	327	Vertical
5455.050	40.73	54.00	-13.27	RMS	288	395	Horizontal
5455.986	43.93	54.00	-10.07	RMS	4	270	Vertical

Table 18 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

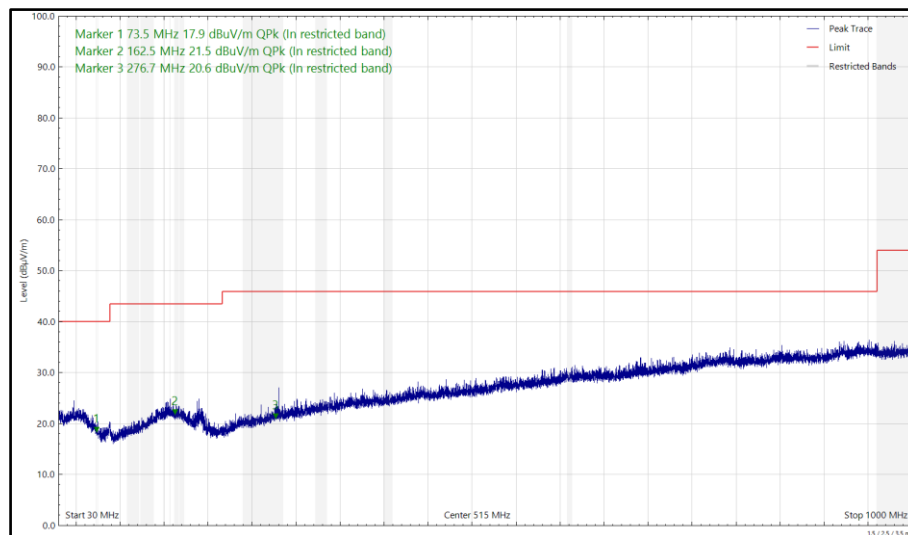


Figure 42 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

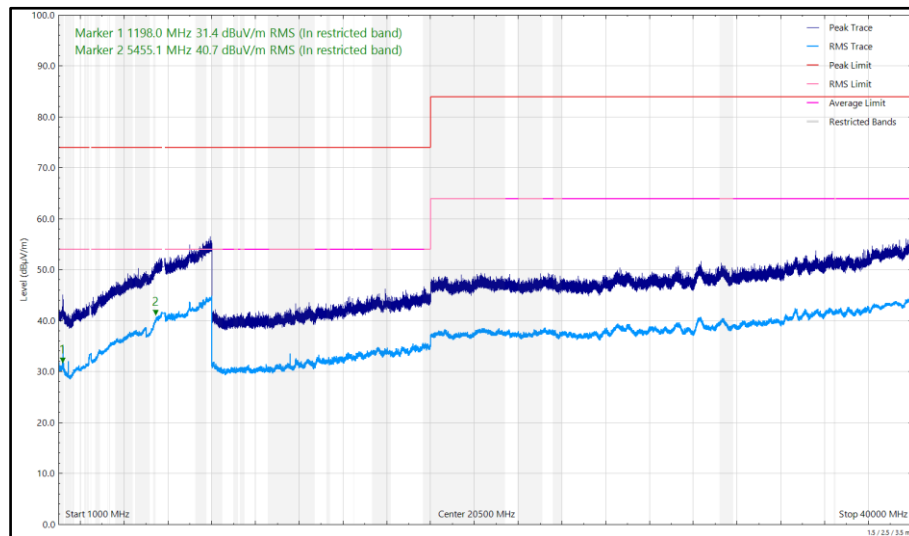


Figure 43 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

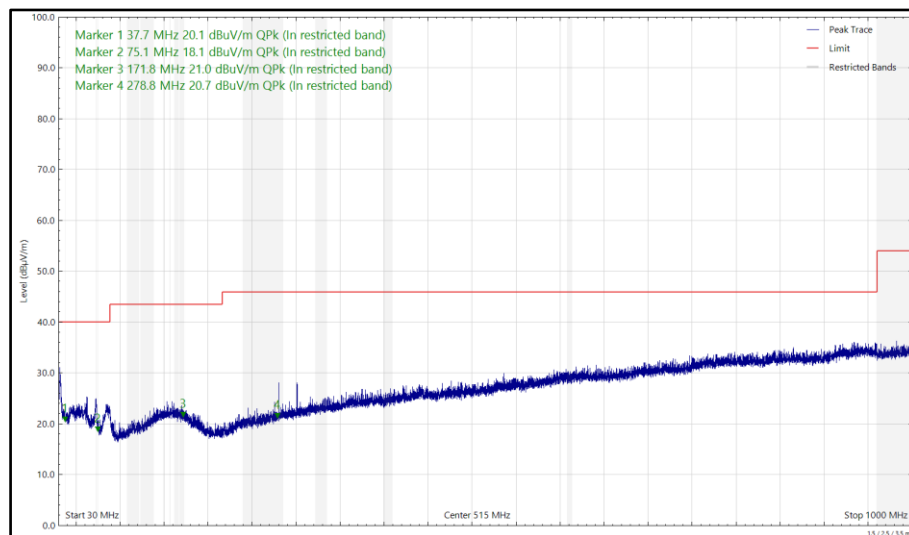


Figure 44 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

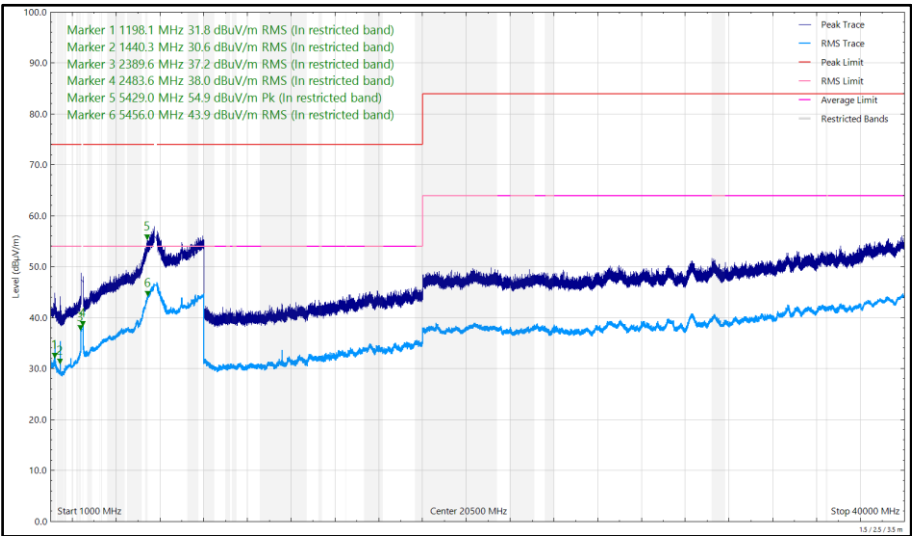


Figure 45 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISSED RSS-247 and ISSED RSS-GEN

The least stringent limit from the applicable rule parts was used to determine compliance for Radiated Emissions testing of multiple transmission sources.

The least stringent applicable limit was:

Clause	Limit
Part 15.247 (d) / RSS-247 Clause 6.6	-20 dBc / -30 dBc
Part 15.407 (b) / RSS-247 Clause 6.6, 7.3.1.3, 7.3.2.3, 7.3.3.3, 7.3.4.4	-27 dBm e.i.r.p
Part 15.209 / RSS-GEN Clause 8.9	Peak: 74 dBuV/m at 3m, Average 54 dBuV/m at 3m (Restricted bands > 1 GHz)
Part 15.407 (b) / RSS-247 Clause 7.3.2.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.3.3	-27 dBm e.i.r.p
Part 15.407 (b) / RSS-247 Clause 7.3.4.4	-27 dBm e.i.r.p

Table 19

6 GHz WLAN and Thread

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.669	20.04	40.00	-19.96	Q-Peak	137	370	Vertical
38.223	20.03	40.00	-19.97	Q-Peak	221	315	Horizontal
73.051	19.07	40.00	-20.93	Q-Peak	51	268	Vertical
74.816	18.59	40.00	-21.41	Q-Peak	265	104	Vertical
278.556	20.93	46.00	-25.07	Q-Peak	59	395	Horizontal
282.701	21.13	46.00	-24.87	Q-Peak	209	296	Vertical
1195.510	30.75	54.00	-23.25	RMS	118	333	Horizontal
1196.678	32.79	54.00	-21.21	RMS	57	324	Vertical
1440.113	30.60	54.00	-23.40	RMS	110	320	Vertical
2387.758	35.29	54.00	-18.71	RMS	26	379	Vertical
2483.531	37.04	54.00	-16.96	RMS	44	391	Vertical
2484.131	35.08	54.00	-18.92	RMS	54	400	Horizontal
5454.934	41.74	54.00	-12.26	RMS	359	246	Vertical
5459.464	37.81	54.00	-16.19	RMS	62	364	Horizontal

Table 20 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

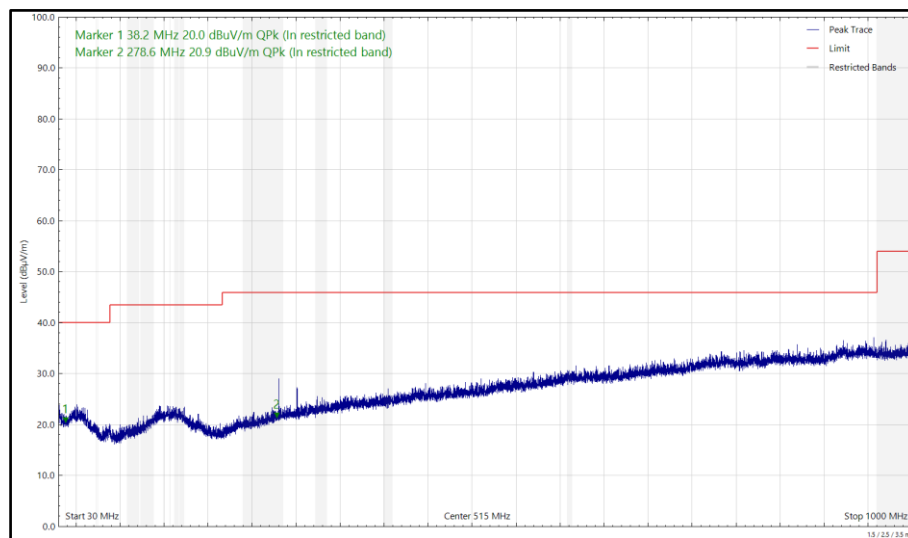


Figure 46 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

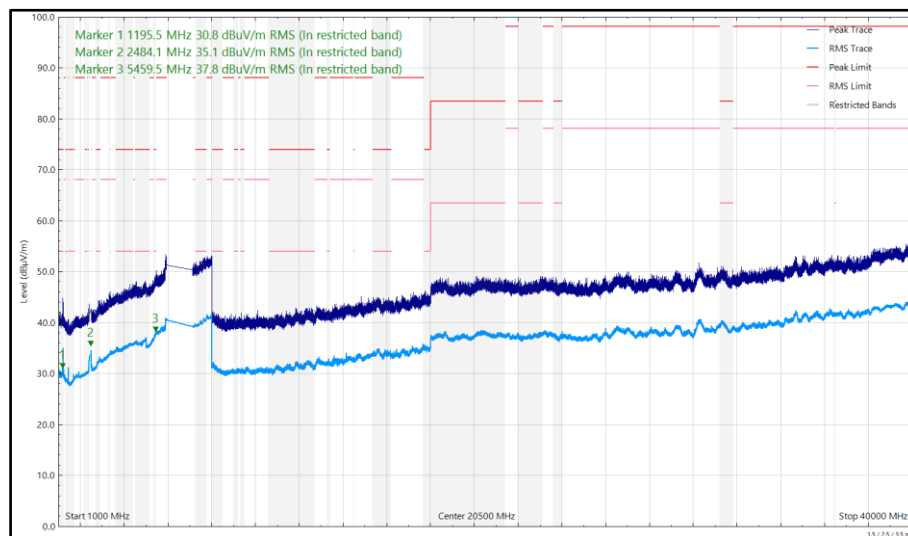


Figure 47 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

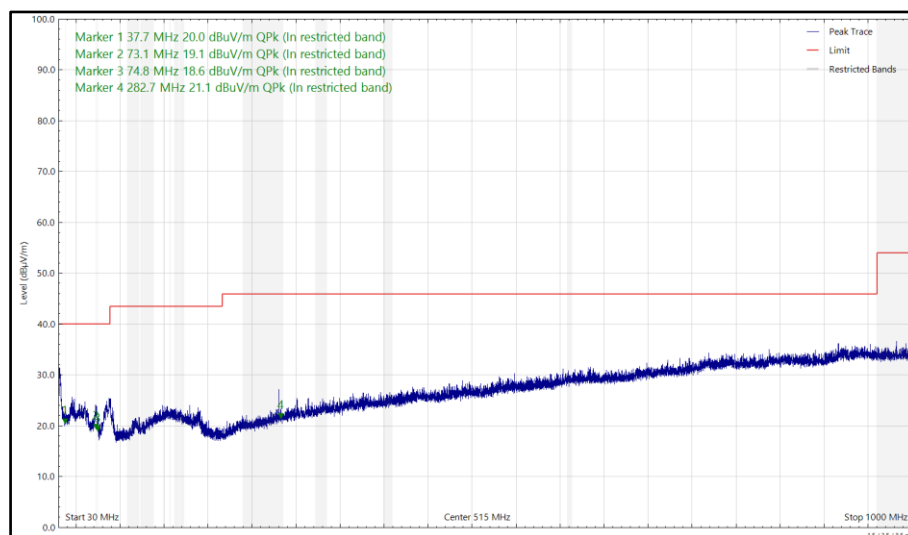


Figure 48 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

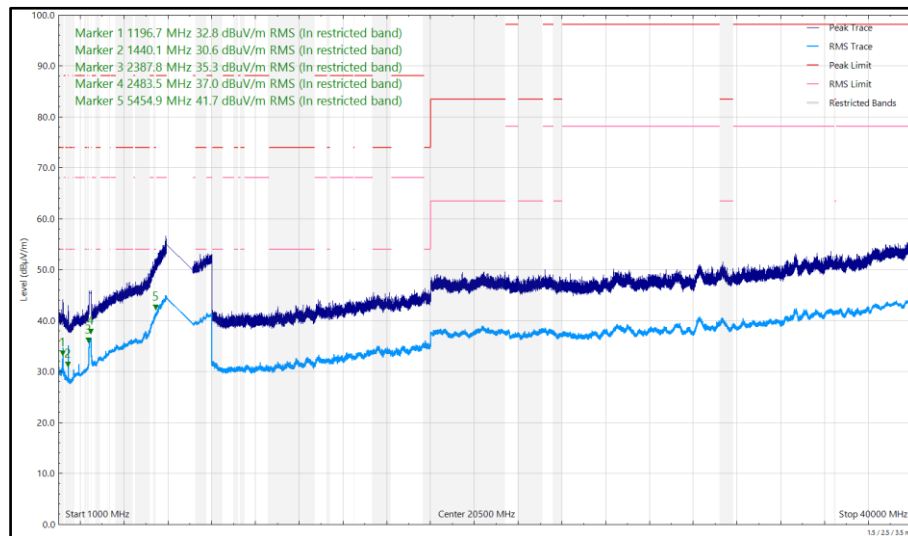


Figure 49 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.003	20.04	40.00	-19.96	Q-Peak	239	354	Horizontal
38.025	20.19	40.00	-19.81	Q-Peak	228	166	Vertical
73.641	18.11	40.00	-21.89	Q-Peak	124	399	Vertical
165.938	21.37	43.50	-22.13	Q-Peak	214	269	Horizontal
280.007	25.72	46.00	-20.28	Q-Peak	93	136	Horizontal
1196.318	31.44	54.00	-22.56	RMS	122	286	Horizontal
1197.528	30.98	54.00	-23.02	RMS	68	241	Vertical
1440.065	30.88	54.00	-23.12	RMS	111	317	Vertical
2389.724	36.97	54.00	-17.03	RMS	3	388	Vertical
2483.546	37.36	54.00	-16.64	RMS	345	362	Vertical
5442.456	41.90	54.00	-12.10	RMS	350	341	Vertical
5457.016	38.11	54.00	-15.89	RMS	299	384	Horizontal

Table 21 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 40 GHz

No other emissions found within 20 dB of the limit.

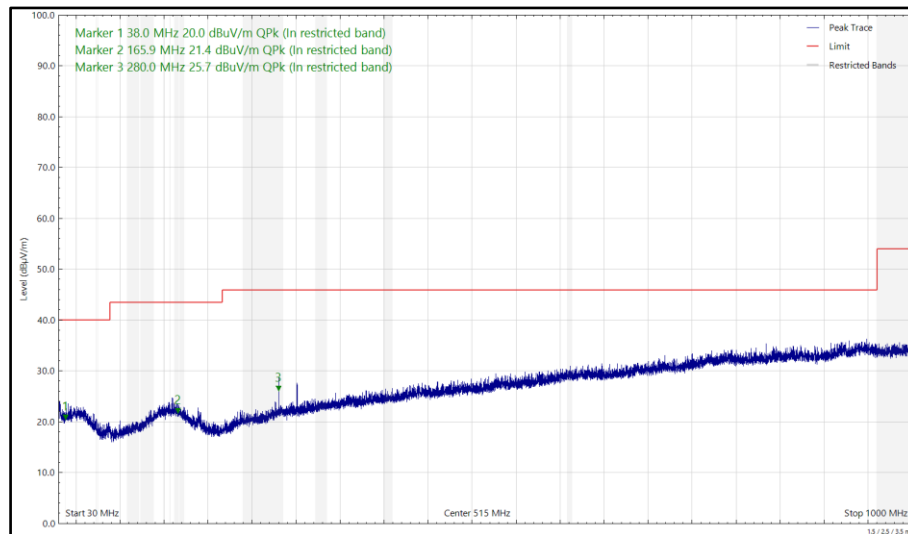


Figure 50 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

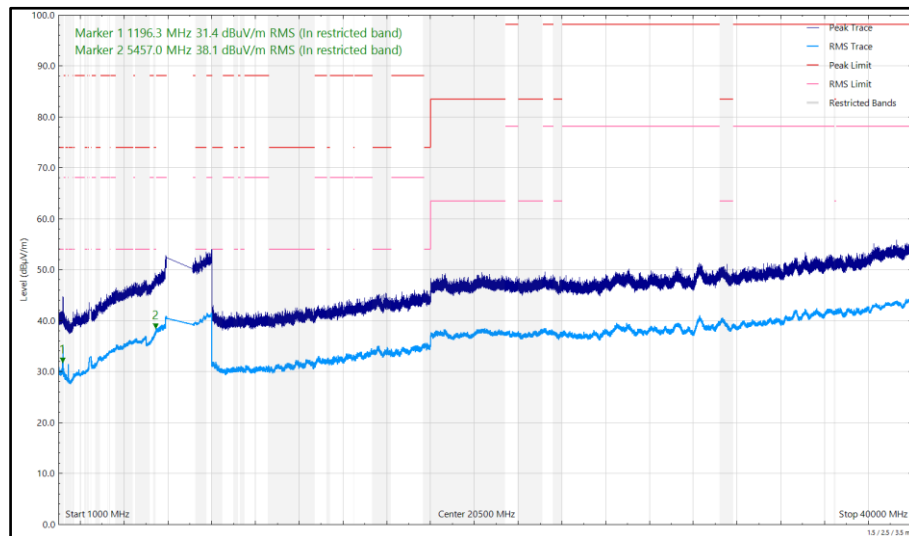


Figure 51 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

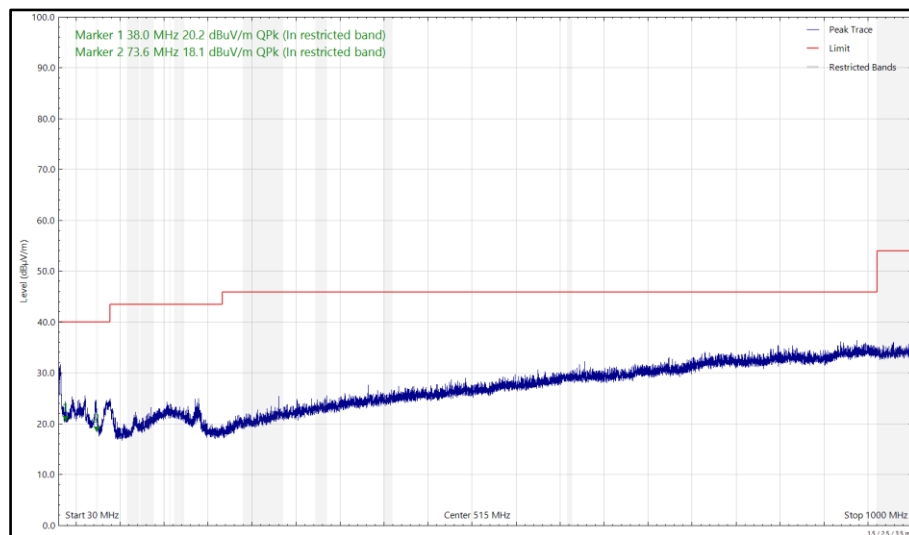


Figure 52 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)