

FCC and ISED Test Report

Apple Inc
Model: A3429



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)

TUV SUD
SERVICES
(UK) LIMITED
Digitally signed by
TUV SUD SERVICES
(UK) LIMITED
Date: 2026.02.03
12:22:59 Z

Prepared for: Apple Inc
One Apple Park Way
Cupertino
California
95014
USA

FCC ID: BCGA3429

IC: 579C-A3429

COMMERCIAL-IN-CONFIDENCE



Document 75963993-44 Issue 01

SIGNATURE

NAME	JOB TITLE	RESPONSIBLE FOR	ISSUE DATE
Stephen Marshall	Senior Engineer	Authorised Signatory	03 February 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 Generation	Rachael Watkins	03 February 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.



DISCLAIMER AND COPYRIGHT

This non-binding report has been prepared by TÜV SÜD with all reasonable skill and care. The document is confidential to the potential Client and TÜV SÜD. No part of this document may be reproduced without the prior written approval of TÜV SÜD. © 2026 TÜV SÜD. This report relates only to the actual item/items tested.

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).

TUV SUD
is a trading name of TUV SUD Ltd
Registered in Scotland at East Kilbride,
Glasgow G75 0QF, United Kingdom
Registered number: SC215164

TUV SUD Ltd is a
TÜV SÜD Group Company

Phone: +44 (0) 1489 558100
Fax: +44 (0) 1489 558101
www.tuvsud.com/en

TUV SUD
Octagon House
Concorde Way
Fareham
Hampshire PO15 5RL
United Kingdom



Contents

1 Report Summary 2

1.1 Report Modification Record.....2

1.2 Introduction.....2

1.3 Brief Summary of Results 3

1.4 Product Information 5

1.5 Deviations from the Standard.....5

1.6 Identification of the EUT 5

1.7 EUT Modification Record 5

1.8 Test Location 6

2 Test Details 8

2.1 Radiated Spurious Emissions (Simultaneous Transmission) 8

3 Measurement Uncertainty 92



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	03 February 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: 2024 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	25-December-2025
Finish of Test	26-January-2026
Name of Engineer(s)	Gridi Bilali, Zeeshan Zia, Tony Baby, Morsalin Hossain, Manohar Thota, Marius Vasii, Ioan-Alexandru Bogatu, Colin Brain.
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, ISED RSS-247, ISED RSS-248 and ISED 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 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: A3429		
Serial Number	Hardware Version	Software Version
F7KVTYJG4	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: A3429, Serial Number: F7KVTYJG4			
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)	Nathan Ocom, Morsalin Hossain, Colin Brain, Tony Baby	UKAS
Configuration and Mode: 6 GHz WLAN and 2.4 GHz Bluetooth		
Radiated Spurious Emissions (Simultaneous Transmission)	Morsalin Hossain, Manohar Thota, Tony Baby, Colin Brain	UKAS
Configuration and Mode: 5 GHz WLAN and Thread		
Radiated Spurious Emissions (Simultaneous Transmission)	Morsalin Hossain, Colin Brain, Tony Baby	UKAS
Configuration and Mode: 6 GHz WLAN and Thread		
Radiated Spurious Emissions (Simultaneous Transmission)	Colin Brain, Tony Baby, Manohar Thota	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Colin Brain, Zeeshan Zia, Nathan Ocom, Ahmed Al Derdiri	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 6 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Zeeshan Zia, Colin Brain, Nathan Ocom, Ahmed Al Derdiri	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 5 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Colin Brain, Zeeshan Zia, Nathan Ocom, Ian Broomhall, Ahmed Al Derdiri, Gridi Bilali	UKAS
Configuration and Mode: 2.4 GHz WLAN and Thread and 6 GHz Narrowband		
Radiated Spurious Emissions (Simultaneous Transmission)	Zeeshan Zia, Ian Broomhall, Nathan Ocomm, Gridi Bilali	UKAS
Configuration and Mode: 2.4 GHz WLAN and 2.4 GHz Bluetooth and 5 GHz WLAN		
Radiated Spurious Emissions (Simultaneous Transmission)	Morsalin Hossain, Tony Baby, Gridi Bilali	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 5.5 and 6.2
ISED RSS-248, Clause 4.6
ISED RSS-GEN, Clause 6.13 and 8.9

2.1.2 Equipment Under Test and Modification State

A3429, S/N: F7KVTYJKG4 - Modification State 0

2.1.3 Date of Test

25-December-2025 to 12-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 Polarisation. 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

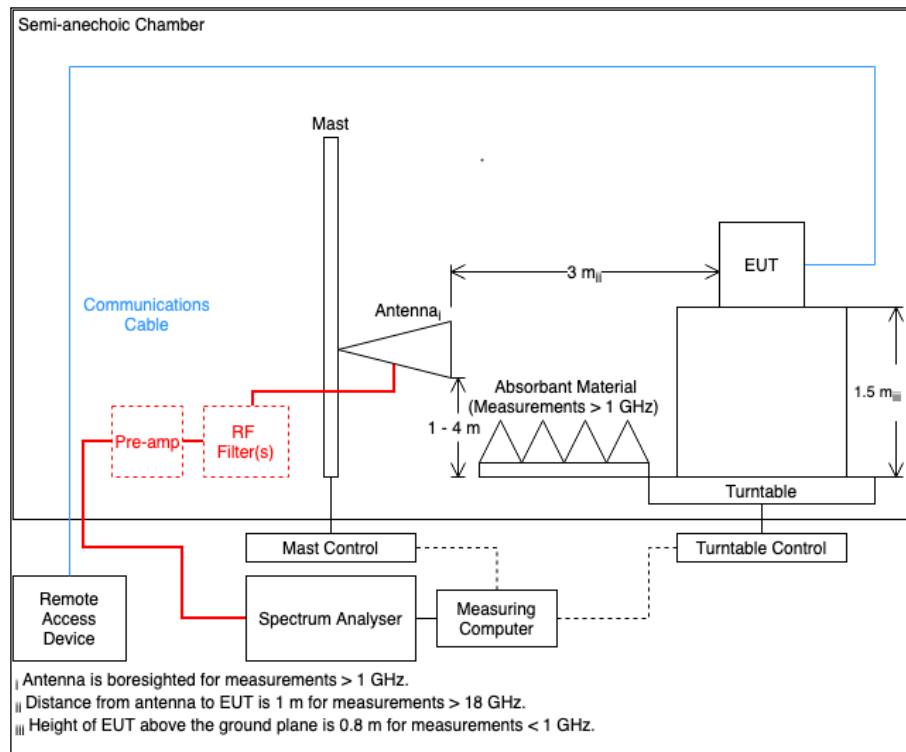


Figure 1

2.1.6 Environmental Conditions

Ambient Temperature	22.0 - 24.2 °C
Relative Humidity	29.8 - 46.2 %

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	Orientation
37.634	20.50	40.00	-19.50	Q-Peak	40	151	Vertical	
73.092	17.95	40.00	-22.05	Q-Peak	331	256	Horizontal	
73.128	22.47	40.00	-17.53	Q-Peak	0	108	Vertical	
108.265	28.77	43.50	-14.73	Q-Peak	238	114	Vertical	
113.072	17.57	43.50	-25.93	Q-Peak	351	386	Horizontal	
137.858	19.62	43.50	-23.88	Q-Peak	241	221	Vertical	
280.866	19.57	46.00	-26.43	Q-Peak	233	376	Horizontal	
1439.989	31.84	54.00	-22.16	CISPR Avg	60	152	Vertical	
2388.550	34.82	54.00	-19.18	CISPR Avg	19	269	Vertical	
2389.153	31.01	54.00	-22.99	CISPR Avg	47	390	Horizontal	
2483.794	34.77	54.00	-19.23	CISPR Avg	39	400	Vertical	
4997.579	36.03	54.00	-17.97	CISPR Avg	64	363	Horizontal	
5130.019	55.93	74.00	-18.07	Peak	360	326	Vertical	
5426.030	56.84	74.00	-17.16	Peak	357	247	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.

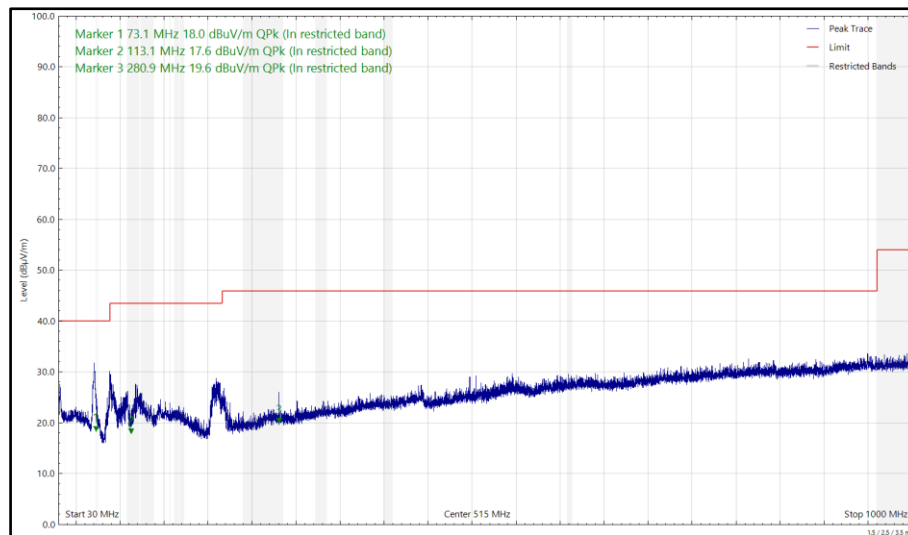


Figure 2 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

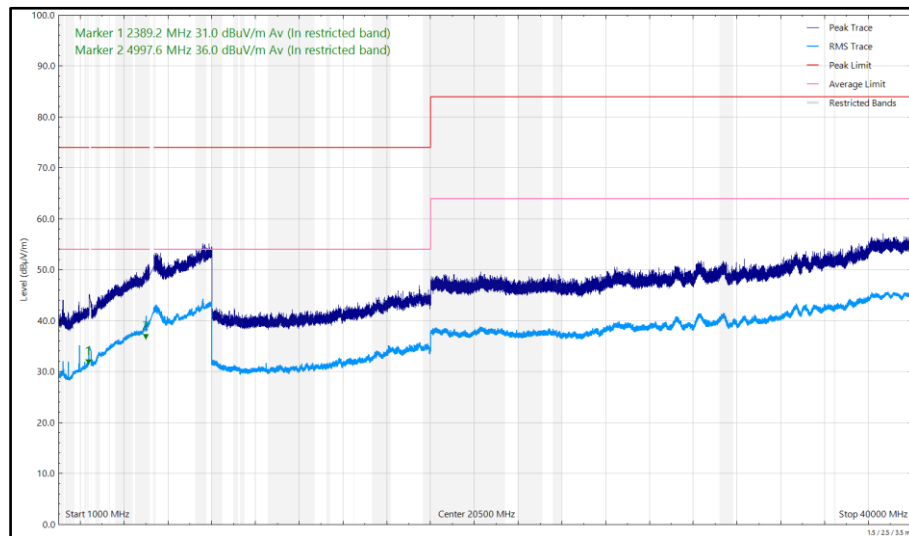


Figure 3 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

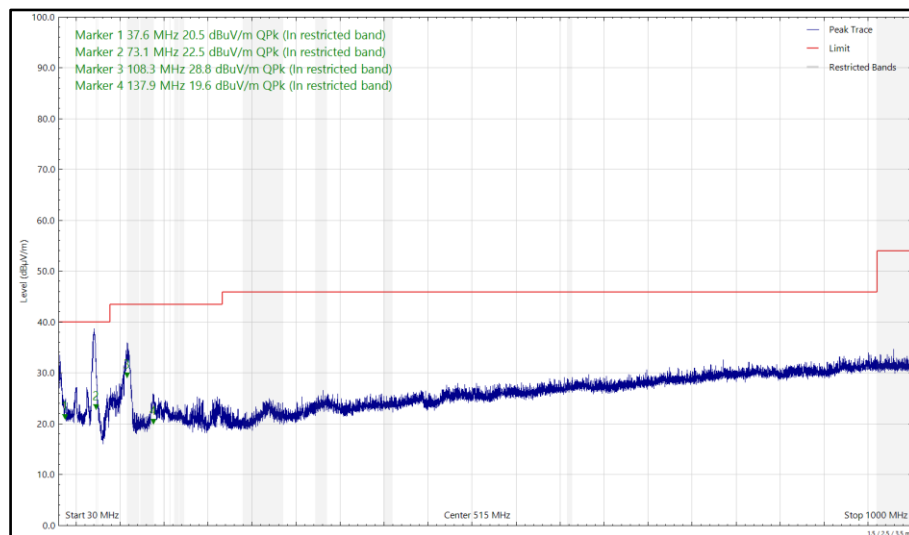
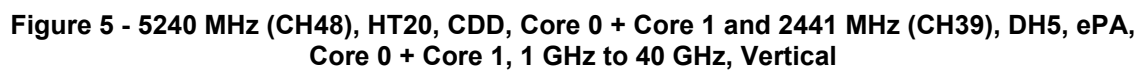


Figure 4 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
38.010	20.40	40.00	-19.60	Q-Peak	0	214	Vertical	
73.042	22.99	40.00	-17.01	Q-Peak	0	100	Vertical	
73.554	17.60	40.00	-22.40	Q-Peak	335	307	Horizontal	
108.211	29.74	43.50	-13.76	Q-Peak	10	104	Vertical	
109.225	18.09	43.50	-25.41	Q-Peak	356	340	Horizontal	
125.357	19.68	43.50	-23.82	Q-Peak	354	300	Horizontal	
137.514	20.45	43.50	-23.05	Q-Peak	240	160	Vertical	
1440.289	33.79	54.00	-20.21	CISPR Avg	13	147	Vertical	
2385.562	34.43	54.00	-19.57	CISPR Avg	24	346	Vertical	
2385.972	31.05	54.00	-22.95	CISPR Avg	47	399	Horizontal	
2484.159	29.68	54.00	-24.32	CISPR Avg	59	390	Horizontal	
2484.559	33.83	54.00	-20.17	CISPR Avg	37	216	Vertical	
5418.319	53.08	74.00	-20.92	Peak	72	355	Horizontal	
5430.696	56.45	74.00	-17.55	Peak	352	242	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.

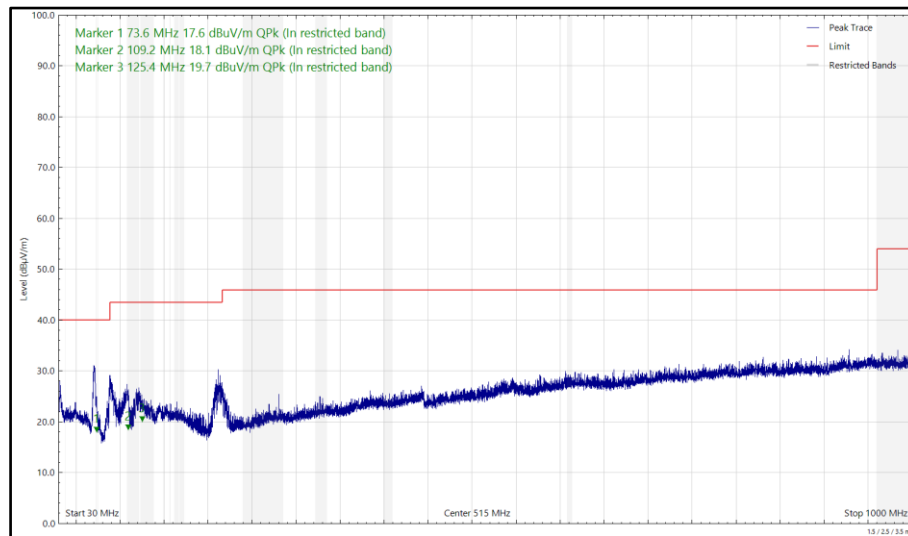


Figure 6 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

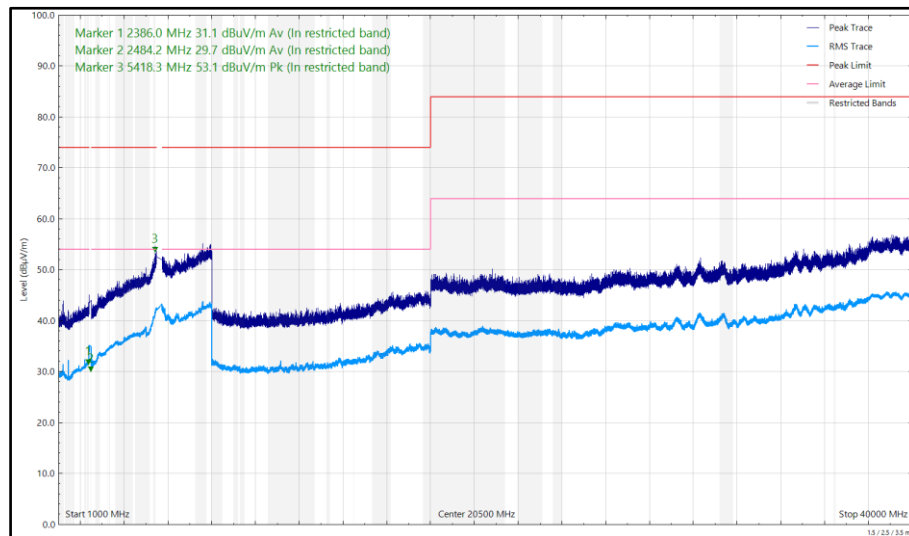


Figure 7 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

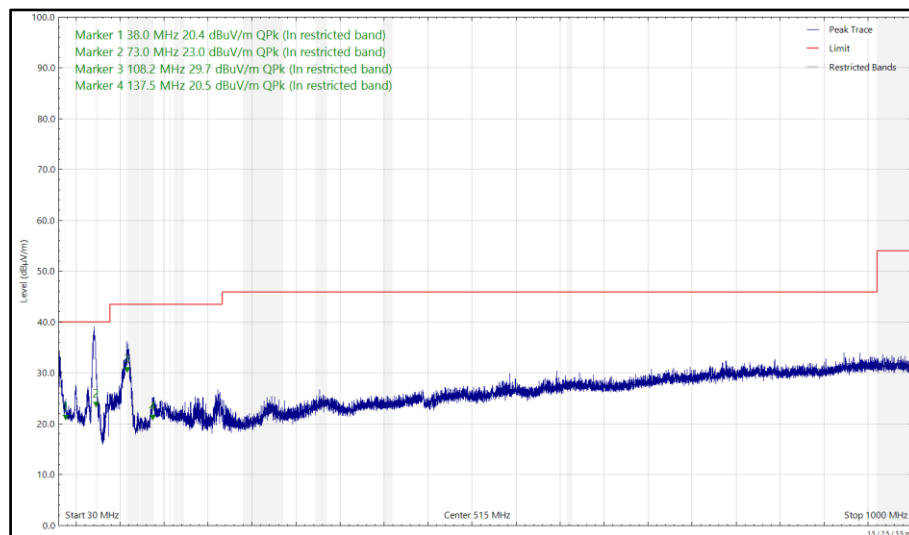


Figure 8 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

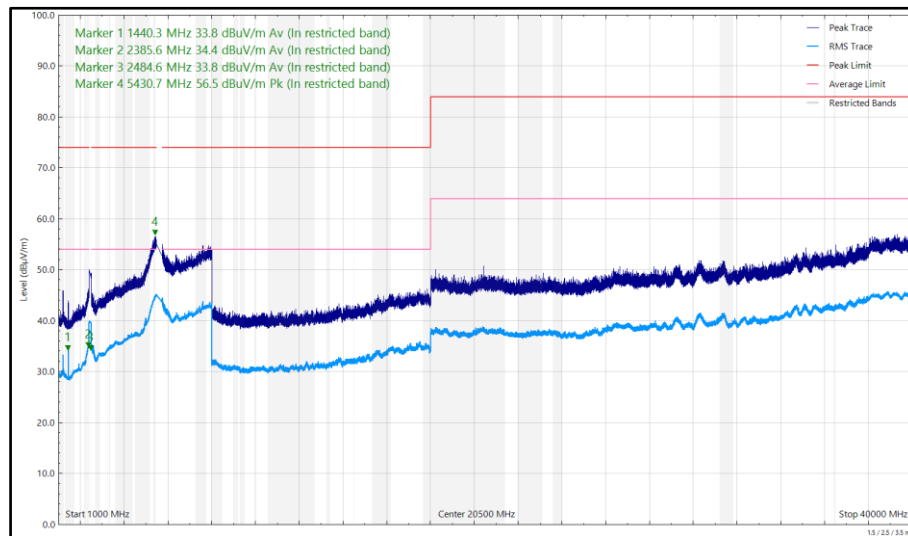


Figure 9 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation	Orientation
38.015	21.21	40.00	-18.79	Q-Peak	237	100	Vertical	
38.136	19.98	40.00	-20.02	Q-Peak	190	260	Horizontal	
73.169	20.90	40.00	-19.10	Q-Peak	32	134	Vertical	
73.645	17.54	40.00	-22.46	Q-Peak	174	390	Horizontal	
108.003	29.58	43.50	-13.92	Q-Peak	0	103	Vertical	
108.213	19.05	43.50	-24.45	Q-Peak	36	390	Horizontal	
123.649	20.39	43.50	-23.11	Q-Peak	0	313	Horizontal	
136.793	20.48	43.50	-23.02	Q-Peak	264	107	Vertical	
1439.235	26.90	54.00	-27.10	CISPR Avg	63	162	Vertical	
2387.870	31.23	54.00	-22.77	CISPR Avg	51	400	Horizontal	
2388.102	35.12	54.00	-18.88	CISPR Avg	27	314	Vertical	
2483.656	34.72	54.00	-19.28	CISPR Avg	34	353	Vertical	
2487.218	29.30	54.00	-24.70	CISPR Avg	54	369	Horizontal	
5371.185	55.76	74.00	-18.24	Peak	354	342	Vertical	Restricted Band

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.

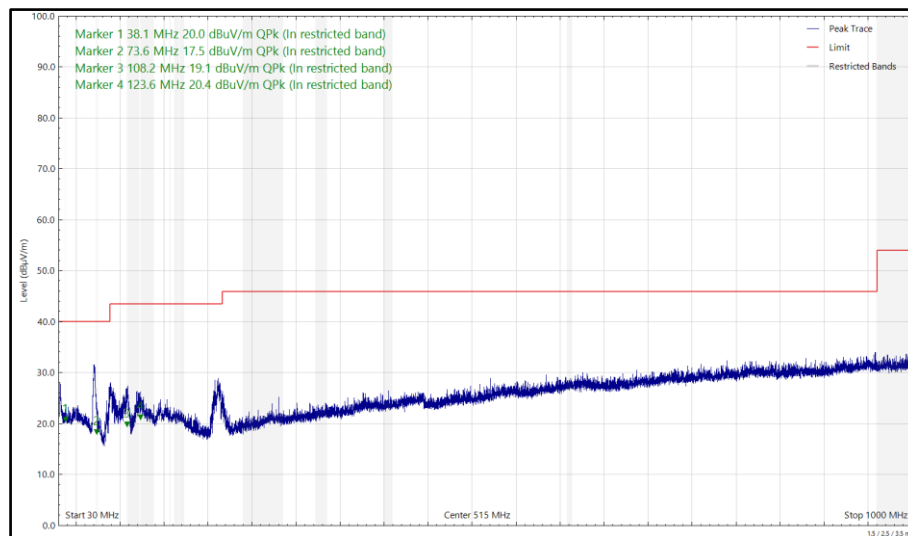


Figure 10 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

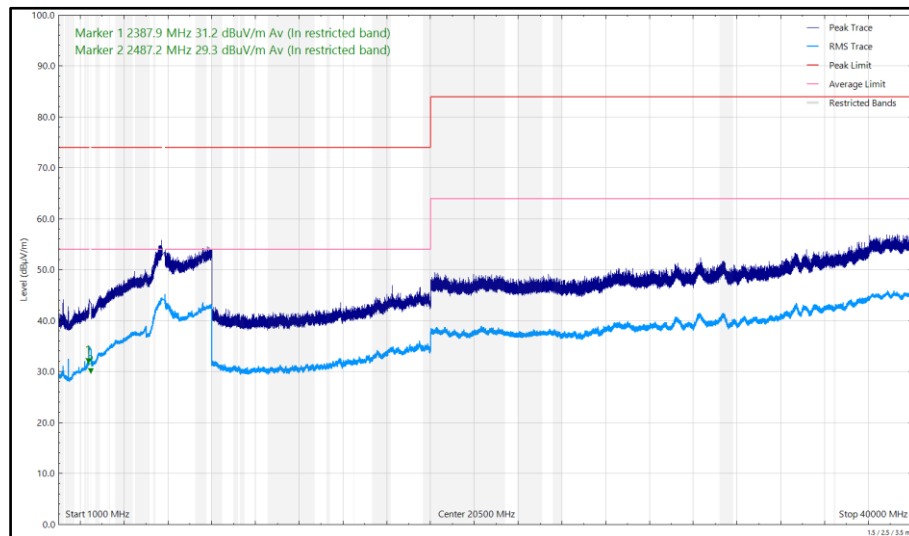


Figure 11 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

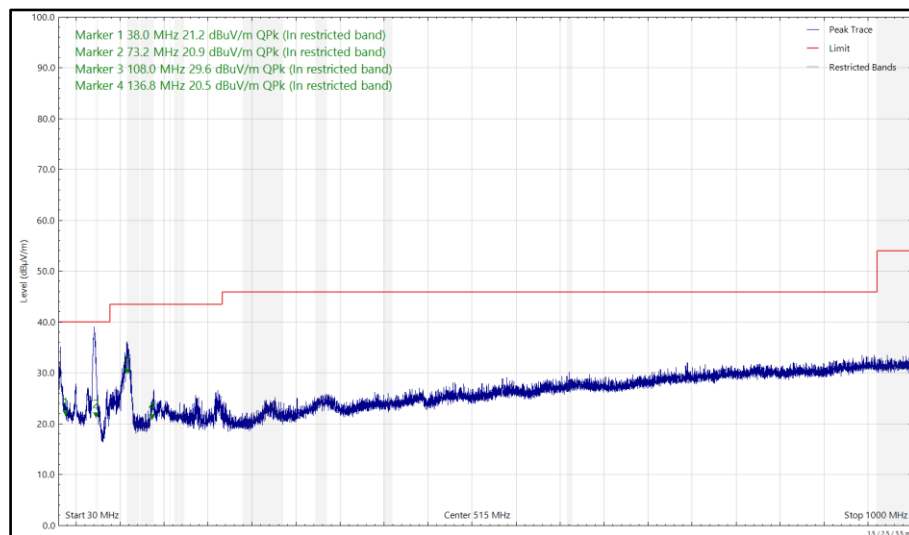


Figure 12 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

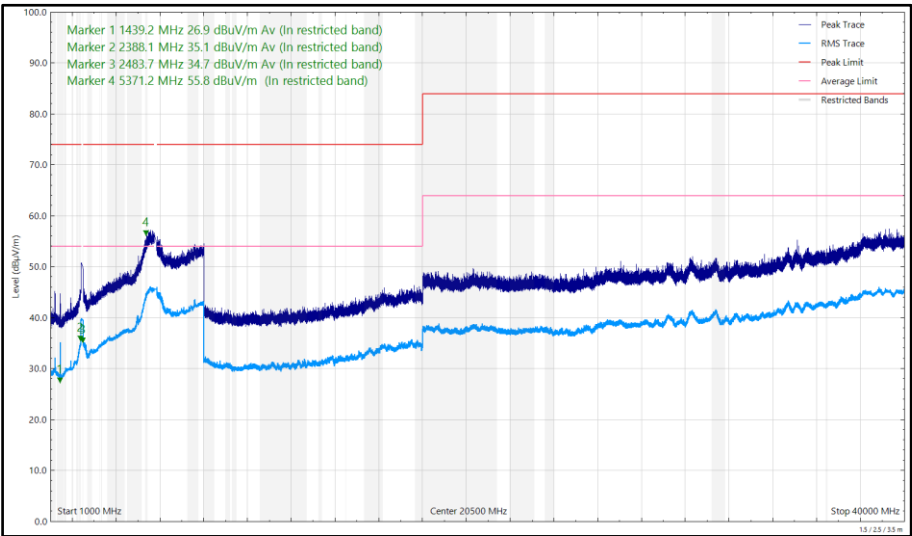


Figure 13 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

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 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 9

6 GHz WLAN and 2.4 GHz Bluetooth

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.701	19.87	40.00	-20.13	Q-Peak	246	385	Horizontal
73.046	18.03	40.00	-21.97	Q-Peak	357	378	Horizontal
73.047	20.97	40.00	-19.03	Q-Peak	146	100	Vertical
108.238	29.40	43.50	-14.10	Q-Peak	17	100	Vertical
119.264	19.38	43.50	-24.12	Q-Peak	338	240	Horizontal
135.085	20.29	43.50	-23.21	Q-Peak	269	121	Vertical
1439.488	27.66	54.00	-26.34	CISPR Avg	10	143	Vertical
2388.462	30.57	54.00	-23.43	CISPR Avg	53	400	Horizontal
2388.882	34.92	54.00	-19.08	CISPR Avg	22	358	Vertical
2483.909	34.27	54.00	-19.73	CISPR Avg	32	387	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.

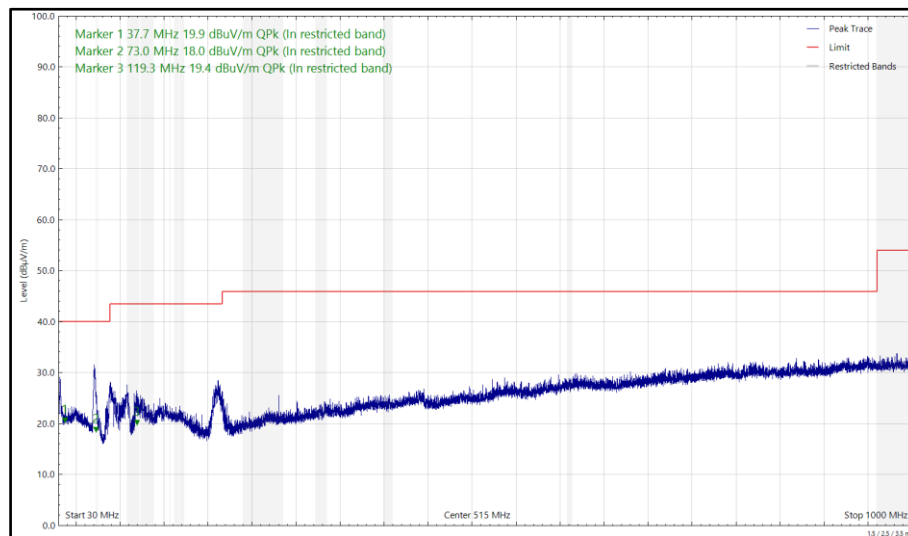


Figure 14 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

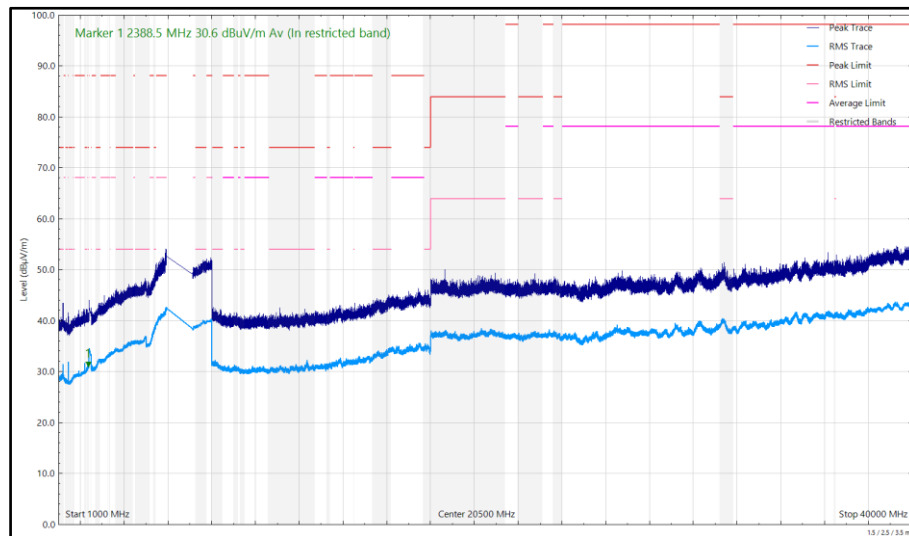


Figure 15 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

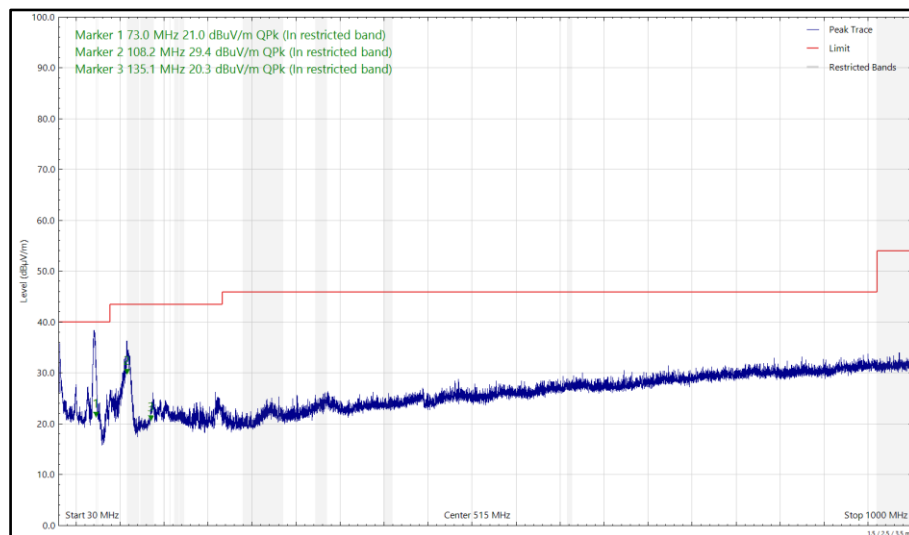


Figure 16 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

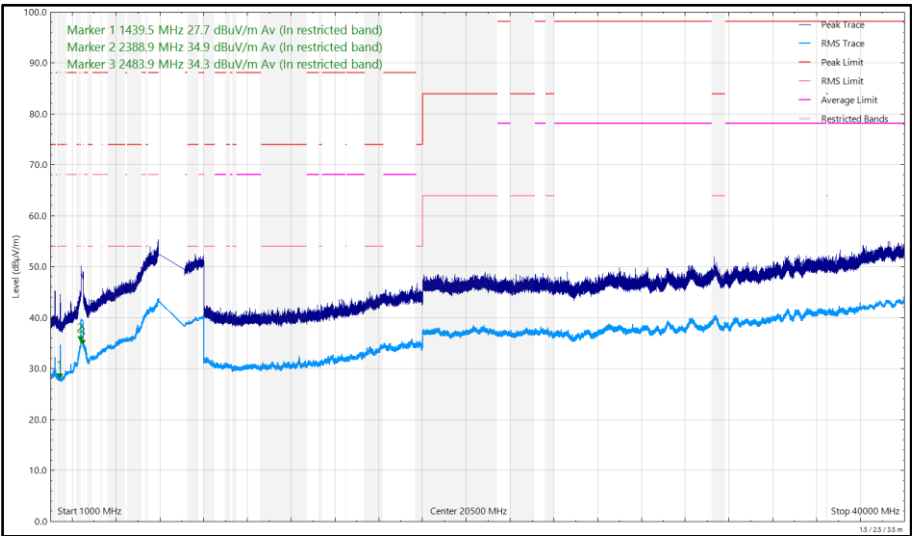


Figure 17 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.239	20.66	40.00	-19.34	Q-Peak	325	142	Vertical
73.073	22.60	40.00	-17.40	Q-Peak	32	100	Vertical
73.479	17.66	40.00	-22.34	Q-Peak	202	377	Horizontal
108.134	19.12	43.50	-24.38	Q-Peak	353	390	Horizontal
108.268	29.95	43.50	-13.55	Q-Peak	2	100	Vertical
123.779	19.41	43.50	-24.09	Q-Peak	33	381	Horizontal
136.448	20.51	43.50	-22.99	Q-Peak	223	107	Vertical
169.891	20.54	43.50	-22.96	Q-Peak	355	224	Vertical
277.711	19.50	46.00	-26.50	Q-Peak	65	278	Horizontal
1440.357	32.76	54.00	-21.24	CISPR Avg	7	149	Vertical
2387.289	30.33	54.00	-23.67	CISPR Avg	52	394	Horizontal
2388.970	35.13	54.00	-18.87	CISPR Avg	21	312	Vertical
2483.631	34.19	54.00	-19.81	CISPR Avg	41	248	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.

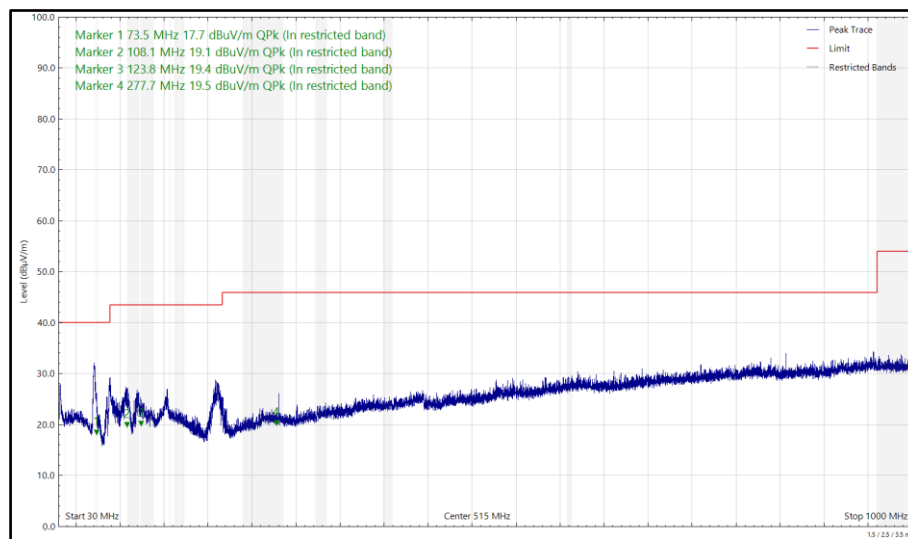


Figure 18 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

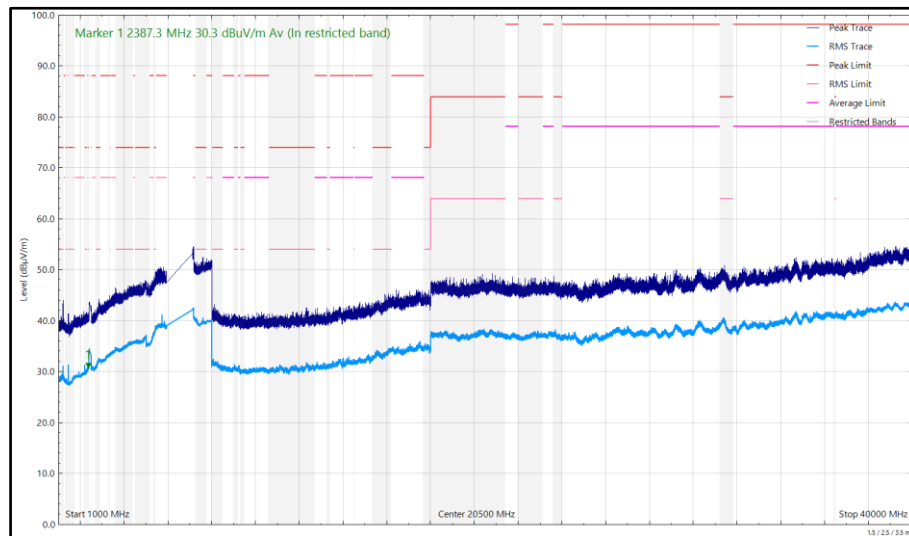


Figure 19 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Horizontal

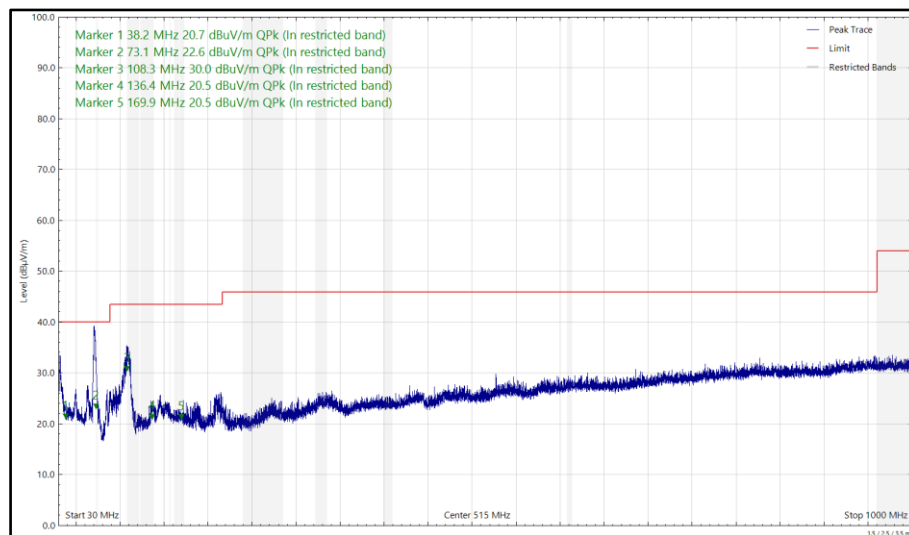


Figure 20 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

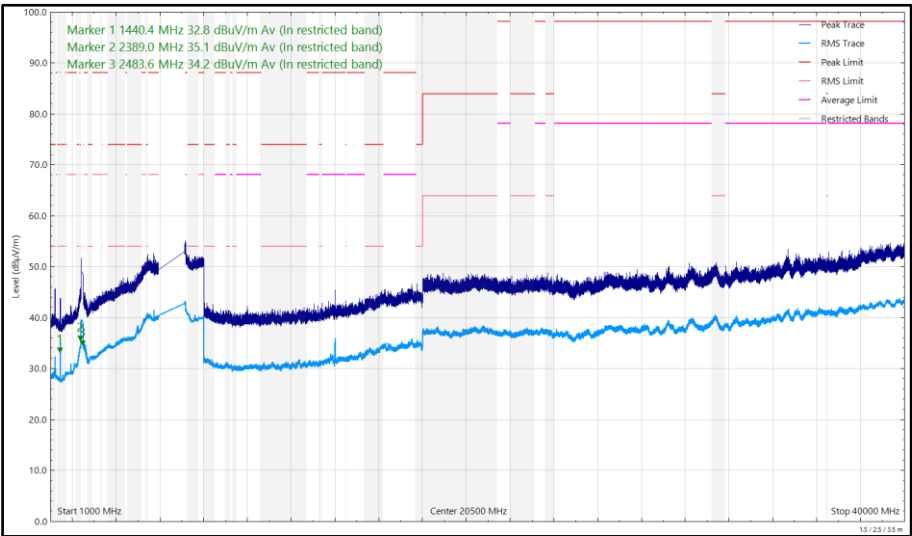


Figure 21 - 6995 MHz (CH209), HE20, SU, CDD, Core 0 + Core 1 and 2441 MHz (CH39), DH5, ePA, Core 0 + Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISSED RSS-247, ISSED RSS-248 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
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 dBuV/m at 3m, Average 54 dBuV/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
37.727	19.83	40.00	-20.17	Q-Peak	104	395	Horizontal
38.232	20.17	40.00	-19.83	Q-Peak	284	241	Vertical
73.076	27.25	40.00	-12.75	Q-Peak	0	100	Vertical
73.125	19.58	40.00	-20.42	Q-Peak	0	356	Horizontal
108.132	23.94	43.50	-19.56	Q-Peak	311	112	Vertical
136.040	19.42	43.50	-24.08	Q-Peak	272	356	Horizontal
172.819	22.23	43.50	-21.27	Q-Peak	209	100	Vertical
283.713	19.82	46.00	-26.18	Q-Peak	100	235	Horizontal
322.472	22.31	46.00	-23.69	Q-Peak	224	170	Horizontal
2388.297	37.28	54.00	-16.72	RMS	0	332	Vertical
2483.547	36.65	54.00	-17.35	RMS	9	335	Vertical
5134.405	55.40	74.00	-18.60	Peak	4	258	Vertical
5141.958	39.58	54.00	-14.42	RMS	297	367	Horizontal
5149.807	44.51	54.00	-9.49	RMS	5	250	Vertical
5352.121	44.94	54.00	-9.06	RMS	7	255	Vertical
5371.208	56.90	74.00	-17.10	Peak	354	255	Vertical
5439.282	42.50	54.00	-11.50	RMS	73	362	Horizontal

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.

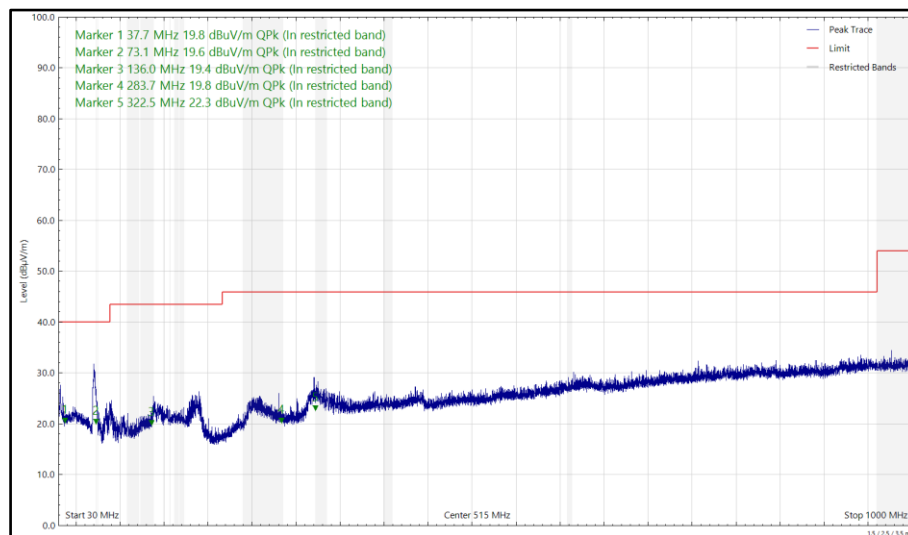


Figure 22 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

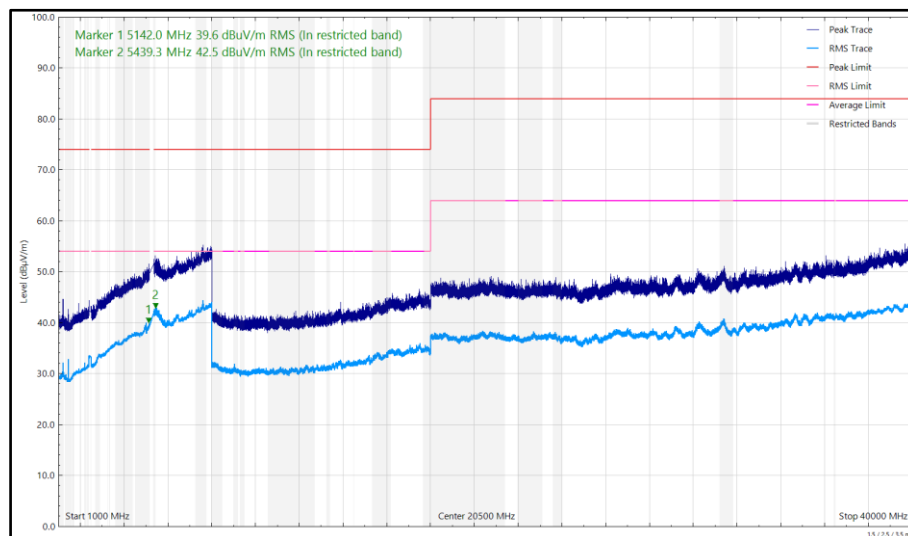


Figure 23 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

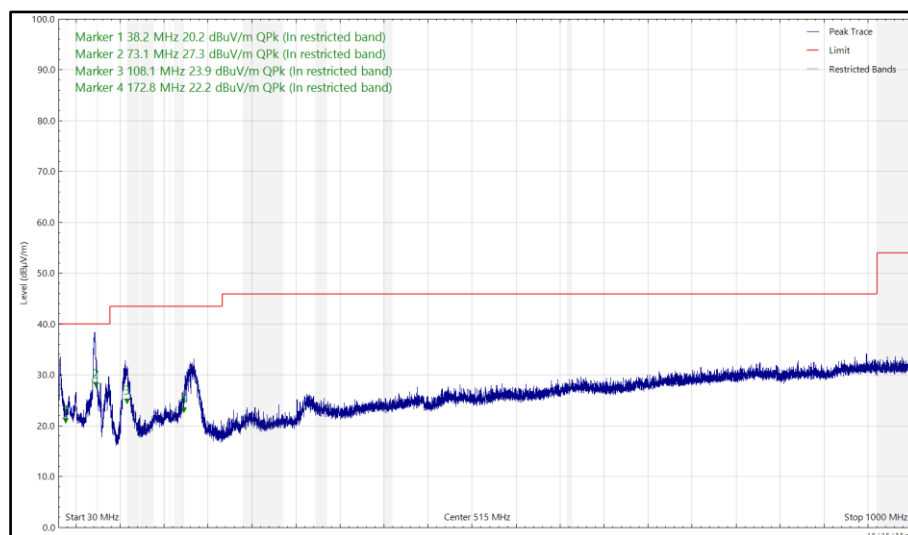


Figure 24 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

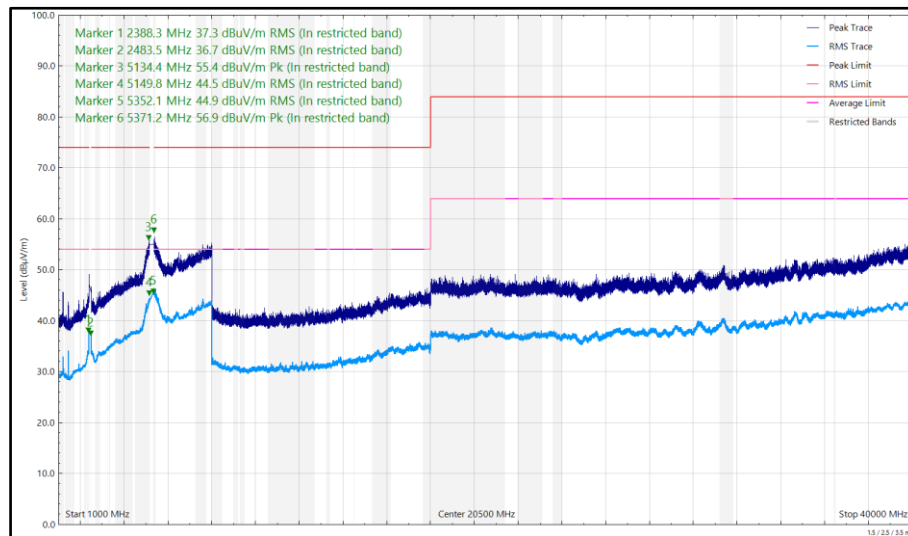


Figure 25 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.734	20.72	40.00	-19.28	Q-Peak	279	109	Vertical
37.823	20.07	40.00	-19.93	Q-Peak	359	105	Horizontal
73.037	24.69	40.00	-15.31	Q-Peak	0	240	Vertical
73.080	18.36	40.00	-21.64	Q-Peak	349	365	Horizontal
108.167	24.13	43.50	-19.37	Q-Peak	351	100	Vertical
169.217	20.99	43.50	-22.51	Q-Peak	51	103	Vertical
283.078	19.77	46.00	-26.23	Q-Peak	350	399	Horizontal
325.143	23.70	46.00	-22.30	Q-Peak	355	126	Horizontal
2389.133	36.47	54.00	-17.53	RMS	342	369	Vertical
2483.580	36.93	54.00	-17.07	RMS	21	363	Vertical
5144.626	55.49	74.00	-18.51	Peak	6	272	Vertical
5147.668	39.38	54.00	-14.62	RMS	78	337	Horizontal
5149.758	44.09	54.00	-9.91	RMS	6	308	Vertical
5360.135	45.94	54.00	-8.06	RMS	360	273	Vertical
5377.933	56.92	74.00	-17.08	Peak	0	263	Vertical
5429.490	42.52	54.00	-11.48	RMS	74	366	Horizontal

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.

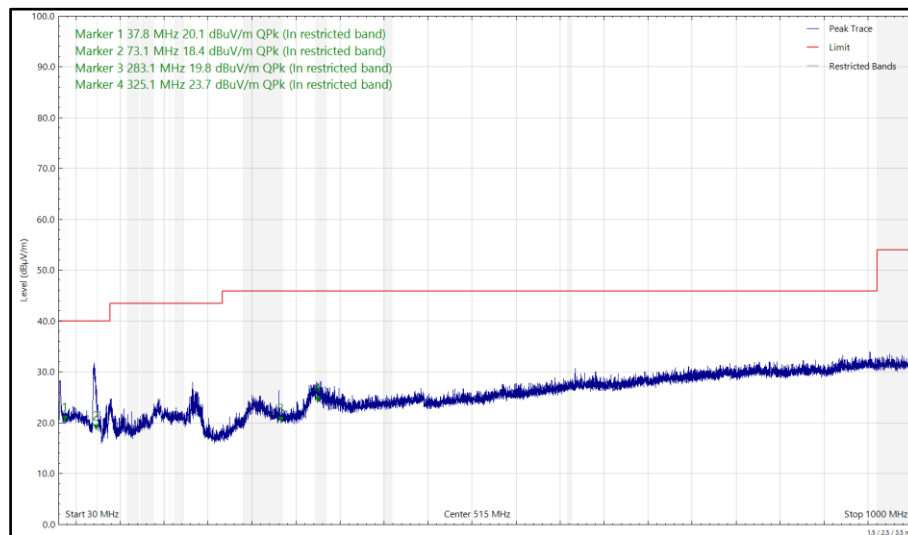


Figure 26 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

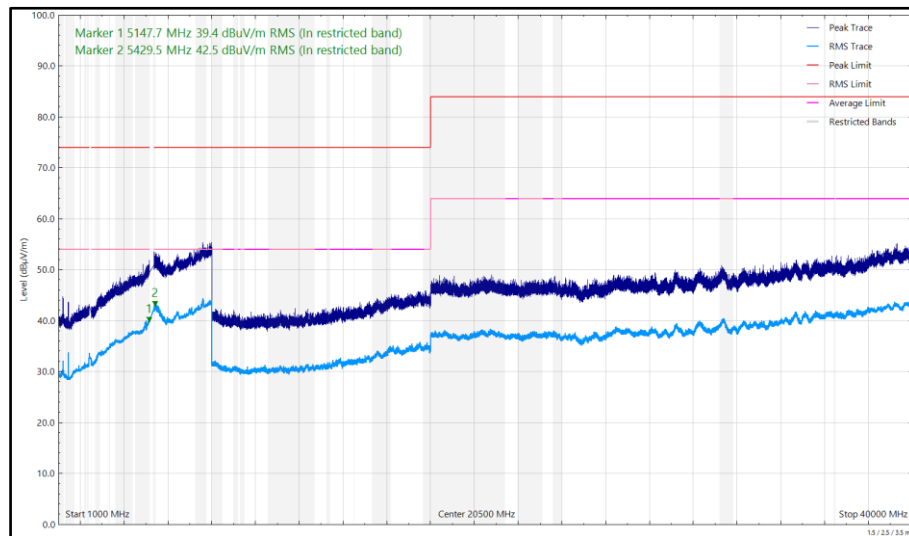


Figure 27 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

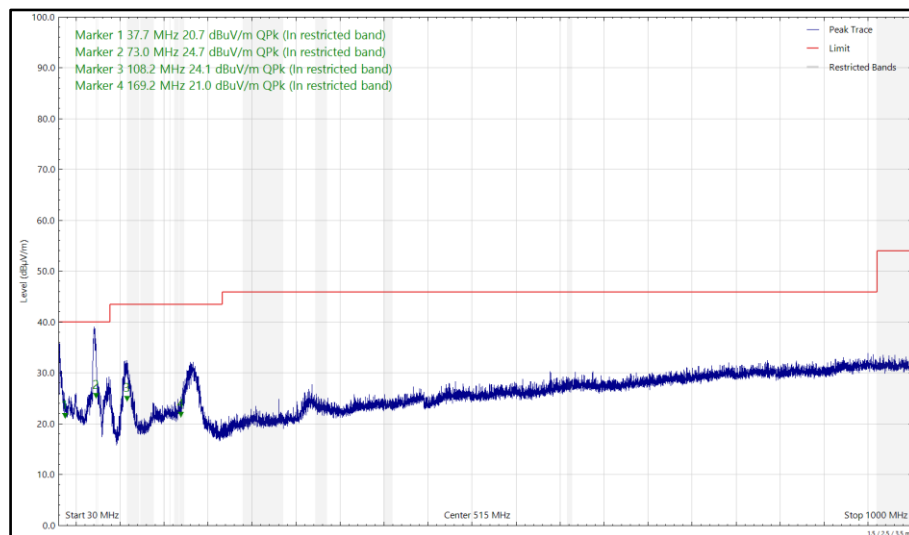


Figure 28 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

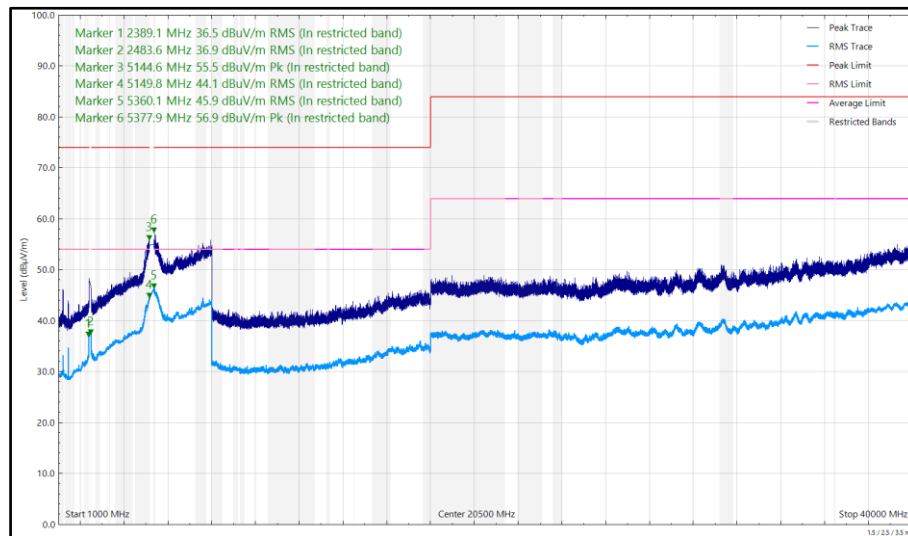


Figure 29 - 5240 MHz (CH48), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.109	19.97	40.00	-20.03	Q-Peak	350	377	Horizontal
38.148	20.99	40.00	-19.01	Q-Peak	287	114	Vertical
73.133	26.73	40.00	-13.27	Q-Peak	7	100	Vertical
73.214	19.98	40.00	-20.02	Q-Peak	0	400	Horizontal
108.041	23.92	43.50	-19.58	Q-Peak	331	131	Vertical
137.131	20.22	43.50	-23.28	Q-Peak	238	349	Horizontal
170.037	20.75	43.50	-22.75	Q-Peak	124	104	Vertical
326.381	23.51	46.00	-22.49	Q-Peak	350	154	Horizontal
1440.173	35.74	54.00	-18.26	RMS	13	145	Vertical
2389.771	37.48	54.00	-16.52	RMS	9	349	Vertical
2483.745	37.74	54.00	-16.26	RMS	37	303	Vertical
5411.697	43.51	54.00	-10.49	RMS	0	380	Vertical
5455.028	42.84	54.00	-11.16	RMS	73	399	Horizontal
5457.947	56.87	74.00	-17.13	Peak	357	283	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.

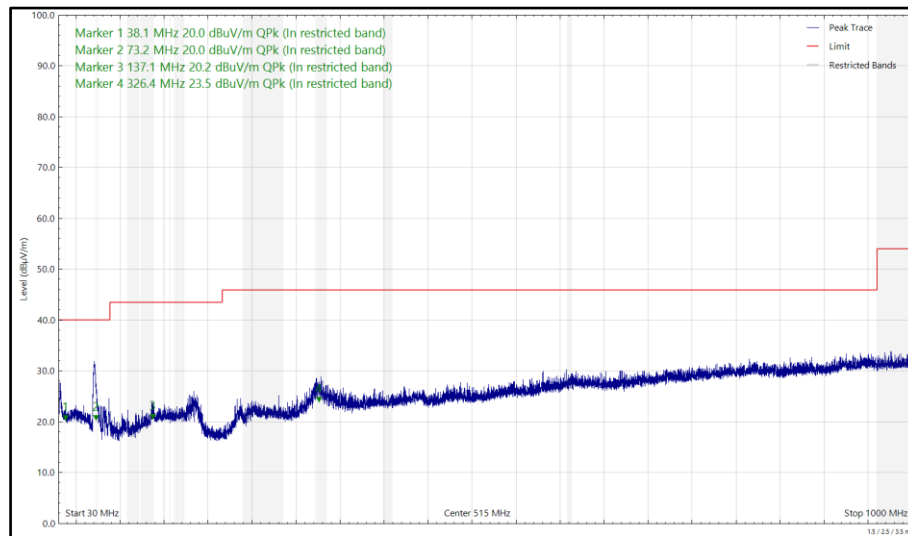


Figure 30 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

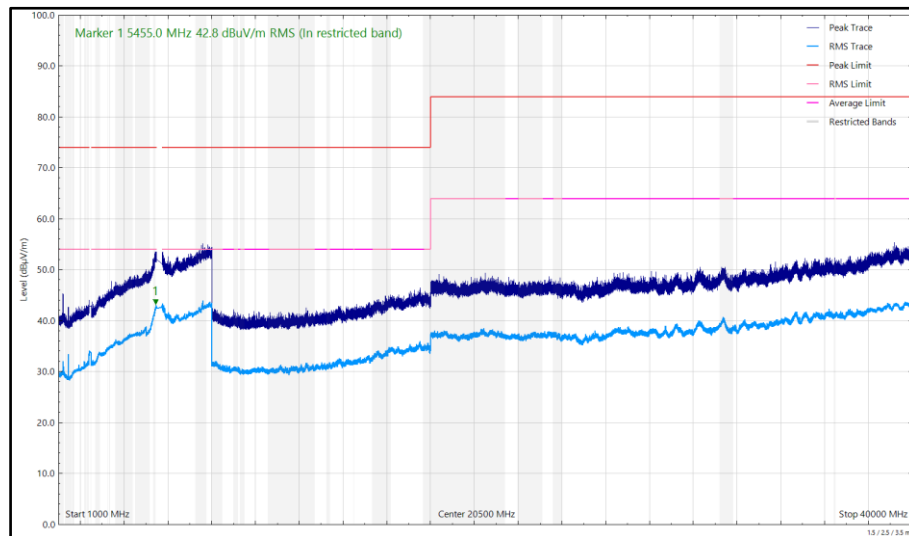


Figure 31 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

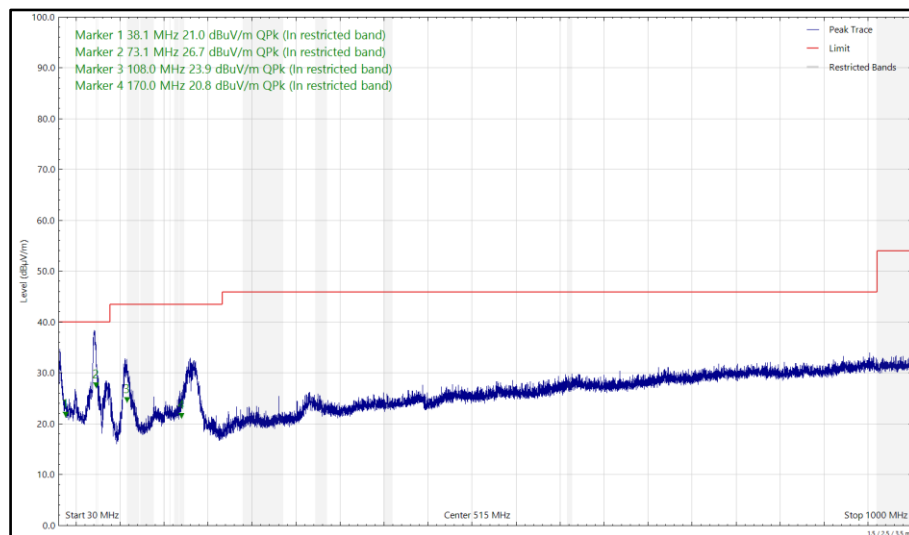


Figure 32 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

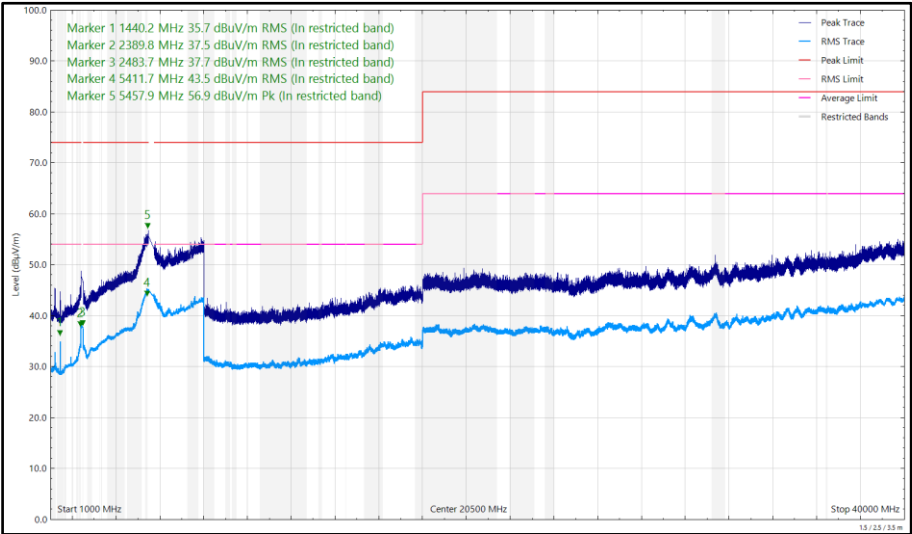


Figure 33 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.050	19.92	40.00	-20.08	Q-Peak	178	291	Horizontal
38.129	20.94	40.00	-19.06	Q-Peak	35	113	Vertical
73.023	29.37	40.00	-10.63	Q-Peak	12	100	Vertical
73.044	20.74	40.00	-19.26	Q-Peak	0	361	Horizontal
108.625	21.77	43.50	-21.73	Q-Peak	229	140	Vertical
168.714	20.58	43.50	-22.92	Q-Peak	128	275	Horizontal
172.643	23.59	43.50	-19.91	Q-Peak	261	100	Vertical
278.548	19.80	46.00	-26.20	Q-Peak	7	353	Horizontal
324.938	22.43	46.00	-23.57	Q-Peak	9	108	Vertical
324.971	23.94	46.00	-22.06	Q-Peak	1	111	Horizontal
1440.077	33.50	54.00	-20.50	RMS	22	131	Vertical
2389.899	37.12	54.00	-16.88	RMS	12	315	Vertical
2483.582	37.59	54.00	-16.41	RMS	337	319	Vertical
5355.331	56.06	74.00	-17.94	Peak	4	268	Vertical
5410.967	45.61	54.00	-8.39	RMS	357	257	Vertical
5433.458	54.47	74.00	-19.53	Peak	72	374	Horizontal
5458.637	43.04	54.00	-10.96	RMS	72	398	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.

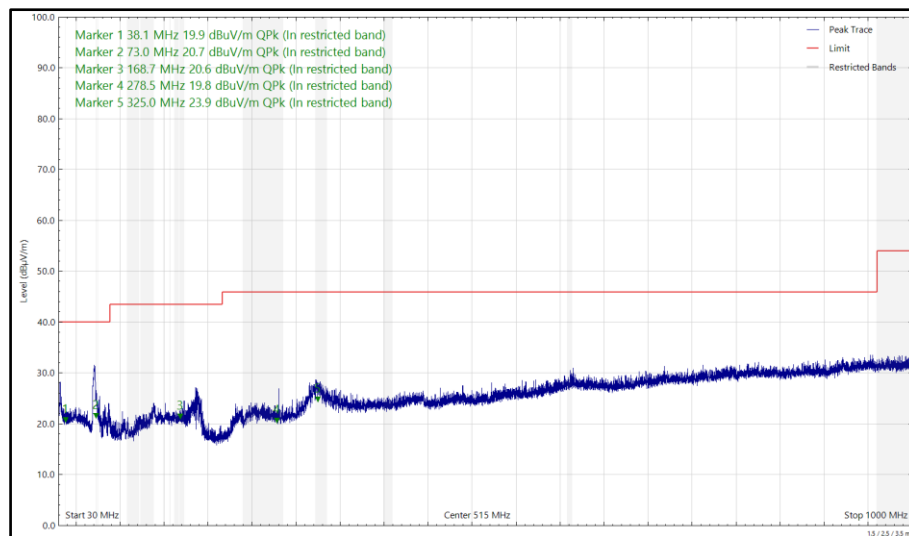


Figure 34 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

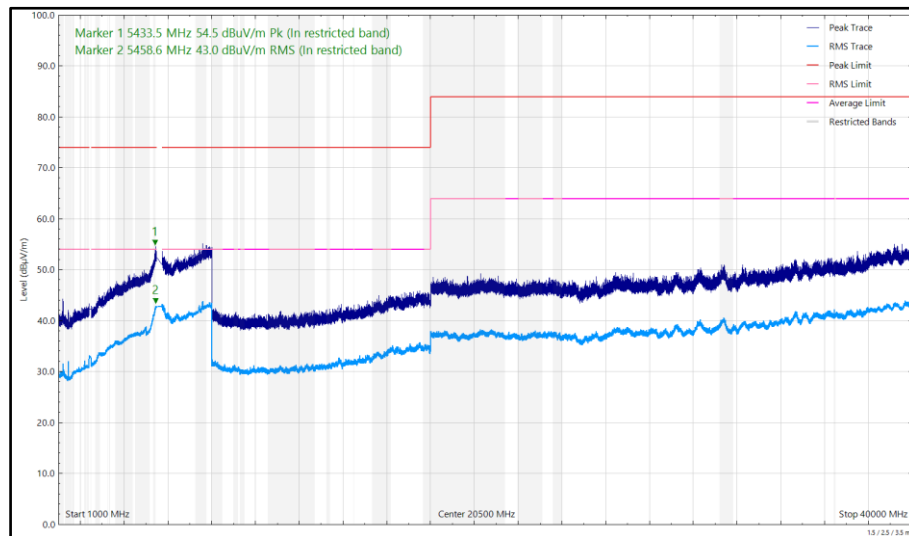


Figure 35 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

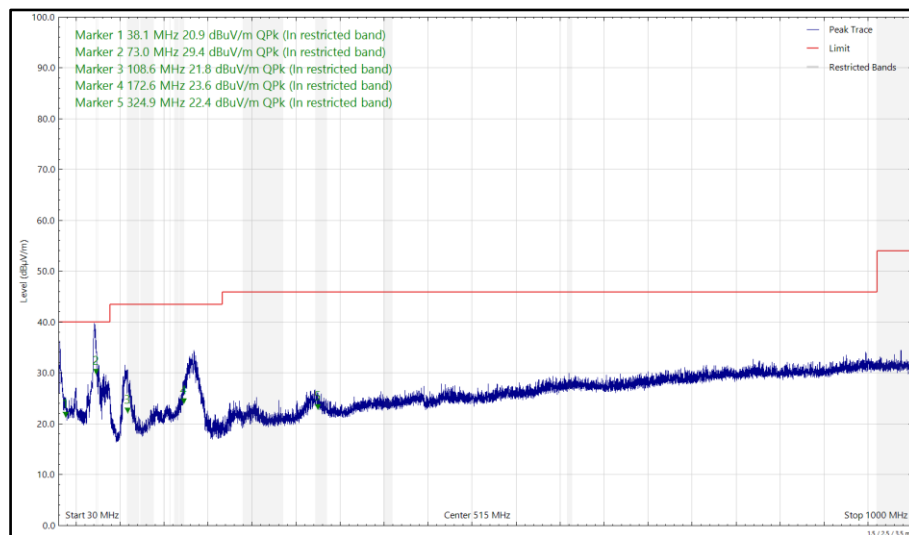


Figure 36 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

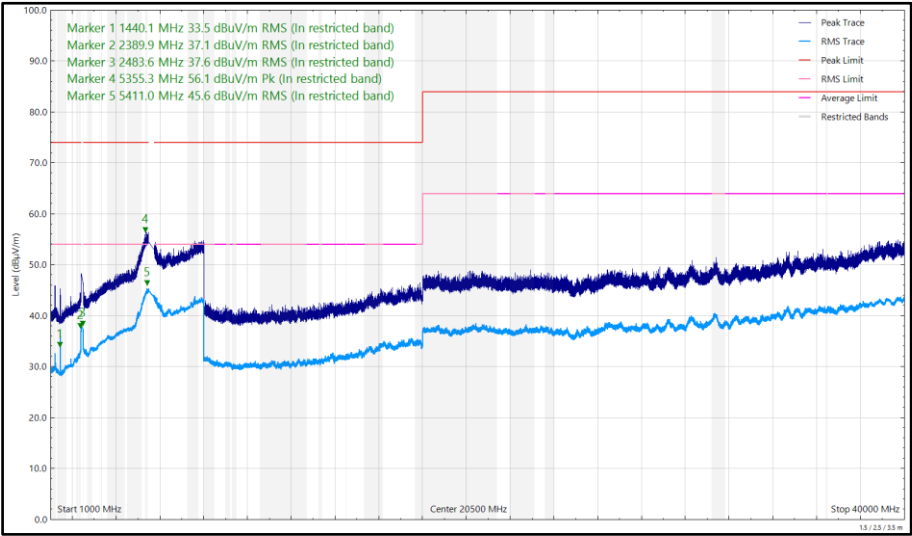


Figure 37 - 5640 MHz (CH128), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.610	19.87	40.00	-20.13	Q-Peak	277	400	Horizontal
38.061	20.84	40.00	-19.16	Q-Peak	215	178	Vertical
73.082	29.50	40.00	-10.50	Q-Peak	15	100	Vertical
73.090	18.18	40.00	-21.82	Q-Peak	127	294	Horizontal
108.418	21.60	43.50	-21.90	Q-Peak	6	107	Vertical
169.177	20.68	43.50	-22.82	Q-Peak	100	279	Vertical
322.417	23.67	46.00	-22.33	Q-Peak	359	126	Horizontal
325.029	22.16	46.00	-23.84	Q-Peak	329	100	Vertical
1440.065	36.18	54.00	-17.82	RMS	6	145	Vertical
2386.617	37.61	54.00	-16.39	RMS	27	310	Vertical
2483.720	37.27	54.00	-16.73	RMS	43	337	Vertical
5389.270	56.36	74.00	-17.64	Peak	357	272	Vertical
5444.824	42.54	54.00	-11.46	RMS	77	349	Horizontal
5459.140	45.54	54.00	-8.46	RMS	360	267	Vertical

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.

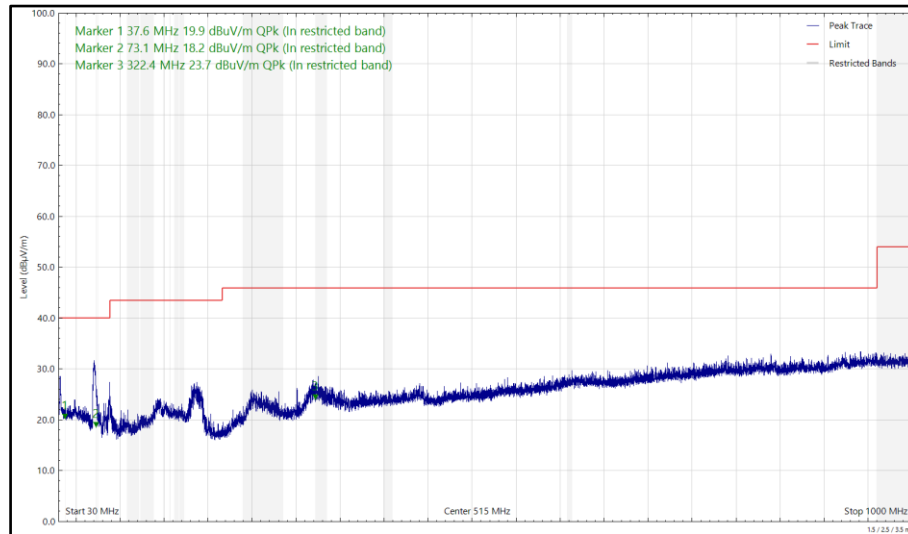


Figure 38 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

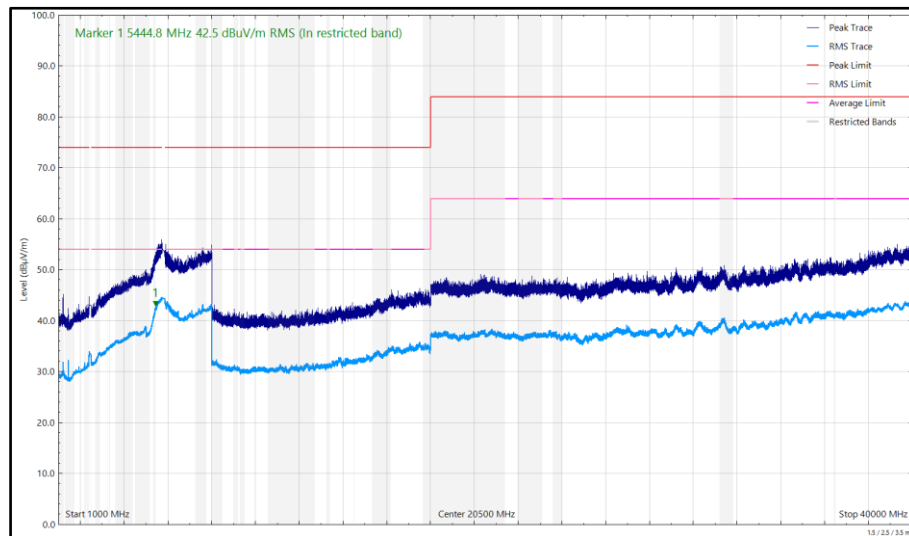


Figure 39 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

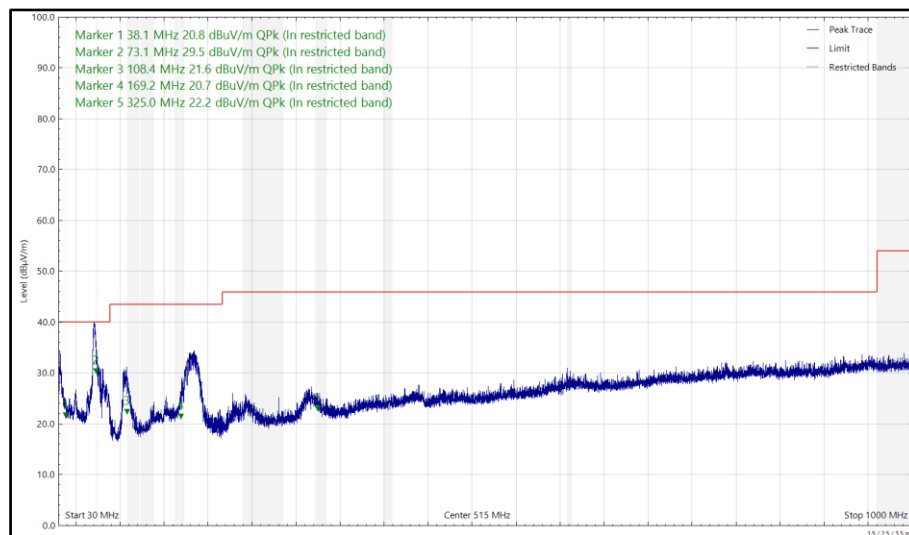


Figure 40 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

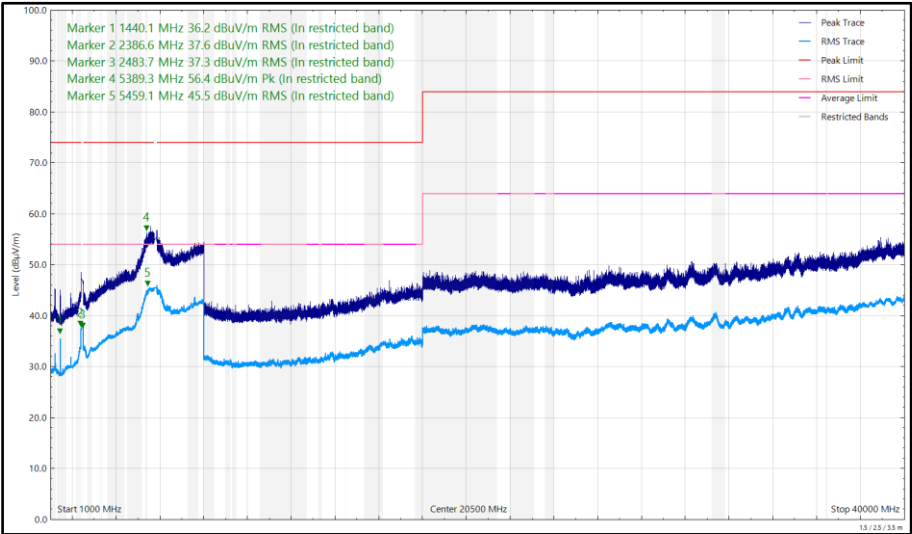


Figure 41 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.819	20.70	40.00	-19.30	Q-Peak	335	190	Vertical
73.097	27.93	40.00	-12.07	Q-Peak	0	102	Vertical
73.442	17.99	40.00	-22.01	Q-Peak	165	400	Horizontal
108.203	24.12	43.50	-19.38	Q-Peak	16	107	Vertical
136.203	19.72	43.50	-23.78	Q-Peak	246	350	Horizontal
172.832	21.37	43.50	-22.13	Q-Peak	173	107	Vertical
328.673	22.09	46.00	-23.91	Q-Peak	324	172	Horizontal
1440.065	35.49	54.00	-18.51	RMS	17	149	Vertical
2389.164	36.96	54.00	-17.04	RMS	346	323	Vertical
2484.147	36.62	54.00	-17.38	RMS	333	277	Vertical
5391.180	57.00	74.00	-17.00	Peak	357	262	Vertical
5452.858	45.36	54.00	-8.64	RMS	360	287	Vertical
5453.507	42.81	54.00	-11.19	RMS	73	380	Horizontal

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.

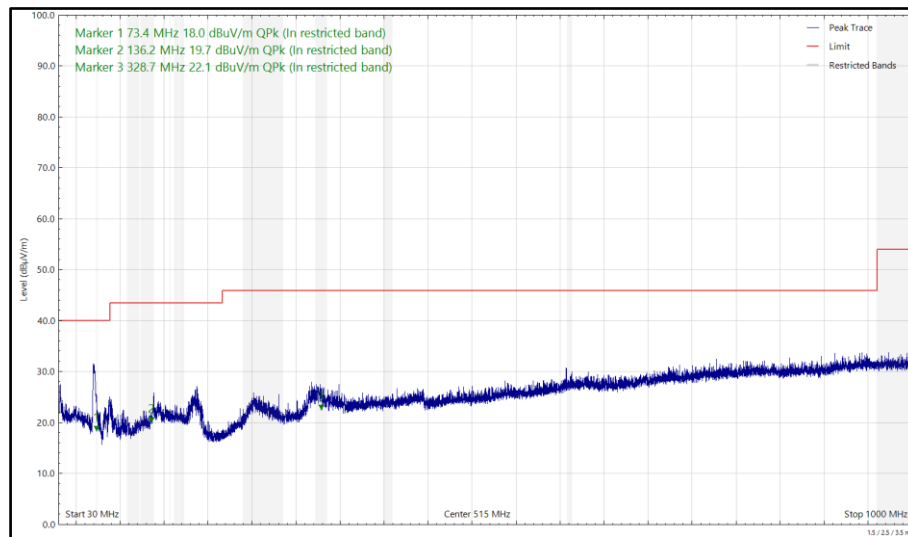


Figure 42 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

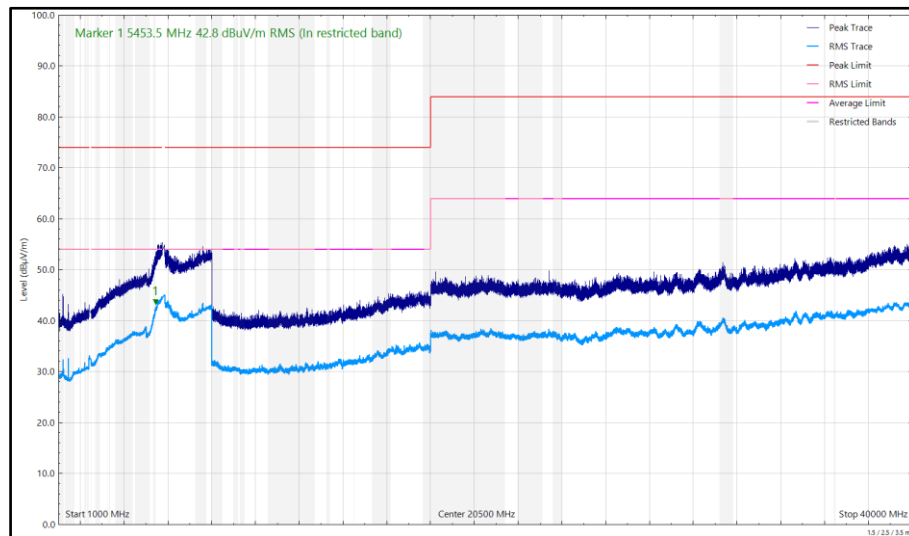


Figure 43 - 5785_2440 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 5785_2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

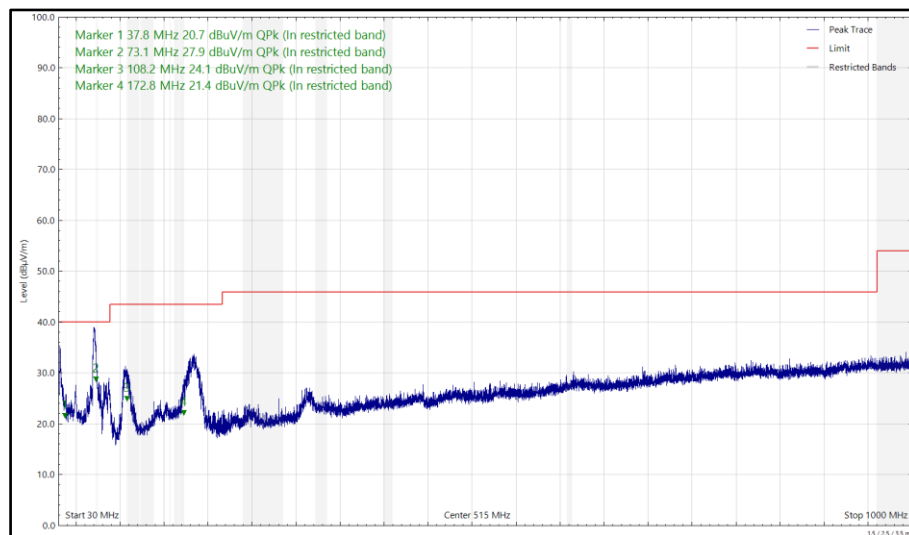


Figure 44 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)

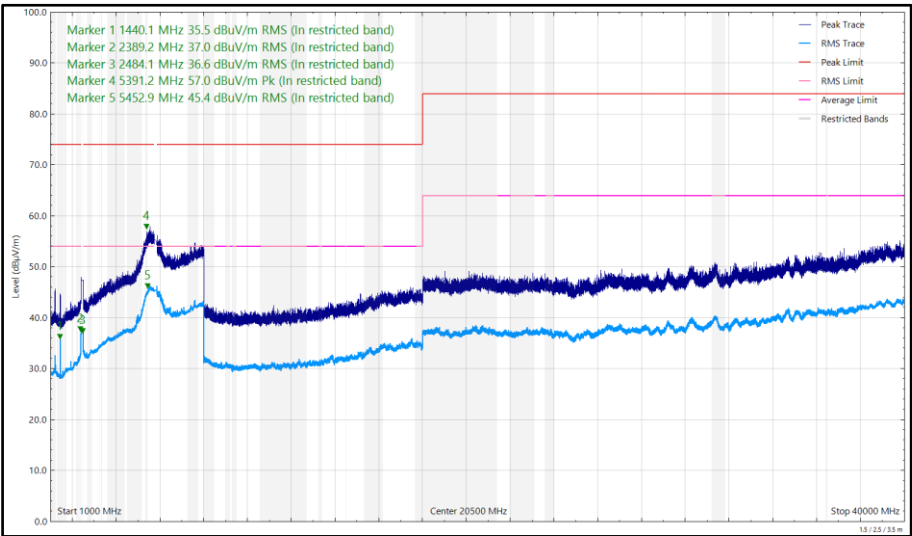


Figure 45 - 5785 MHz (CH157), HT20, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Vertical

FCC 47 CFR Part 15, ISED RSS-247 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 / -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 19

6 GHz WLAN and Thread

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.510	22.32	40.00	-17.68	Q-Peak	167	120	Vertical
37.706	20.00	40.00	-20.00	Q-Peak	227	232	Horizontal
73.704	18.94	40.00	-21.06	Q-Peak	275	100	Vertical
73.917	17.87	40.00	-22.13	Q-Peak	166	350	Horizontal
111.549	21.12	43.50	-22.38	Q-Peak	360	100	Vertical
156.827	20.41	43.50	-23.09	Q-Peak	194	322	Vertical
1440.149	36.55	54.00	-17.45	RMS	8	142	Vertical
2389.785	37.06	54.00	-16.94	RMS	359	316	Vertical
2483.909	37.40	54.00	-16.60	RMS	39	272	Vertical
5454.605	41.96	54.00	-12.04	RMS	356	282	Vertical
5456.003	39.27	54.00	-14.73	RMS	74	396	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.

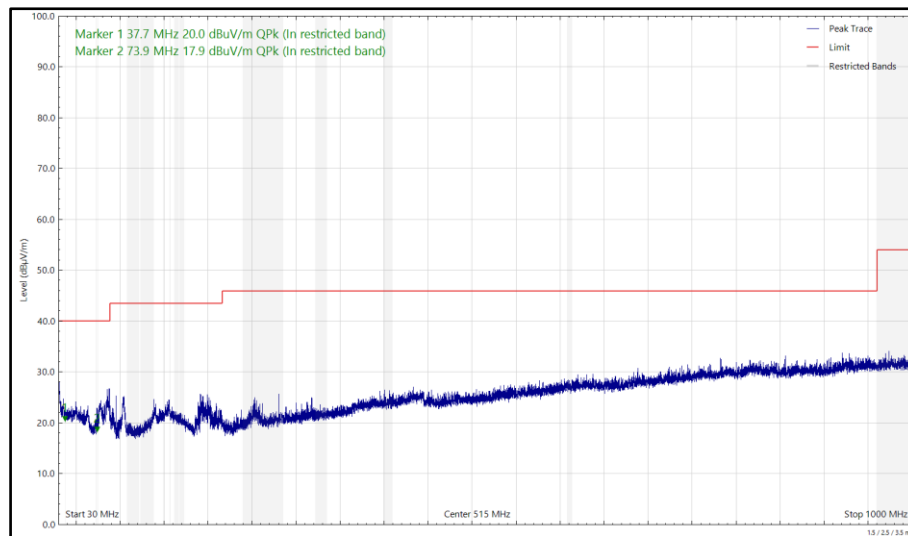


Figure 46 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Horizontal (Peak)

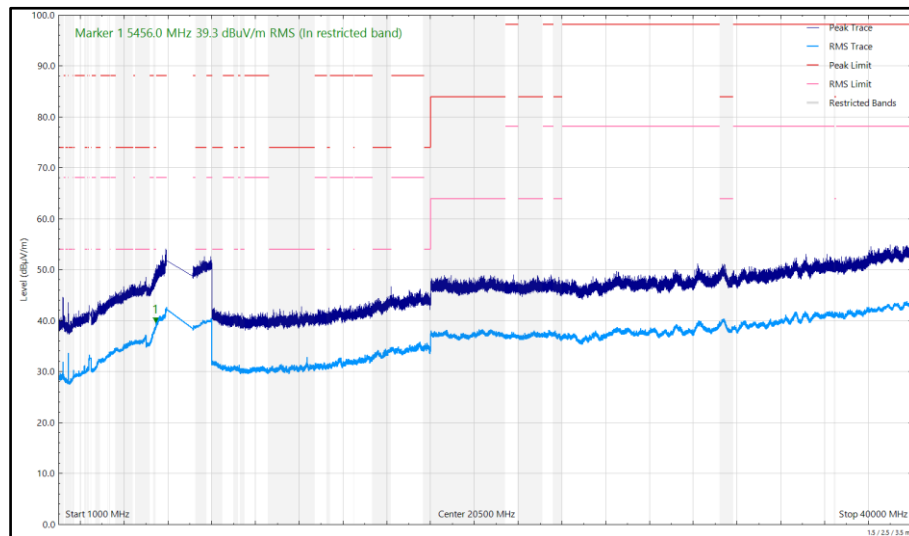


Figure 47 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Horizontal

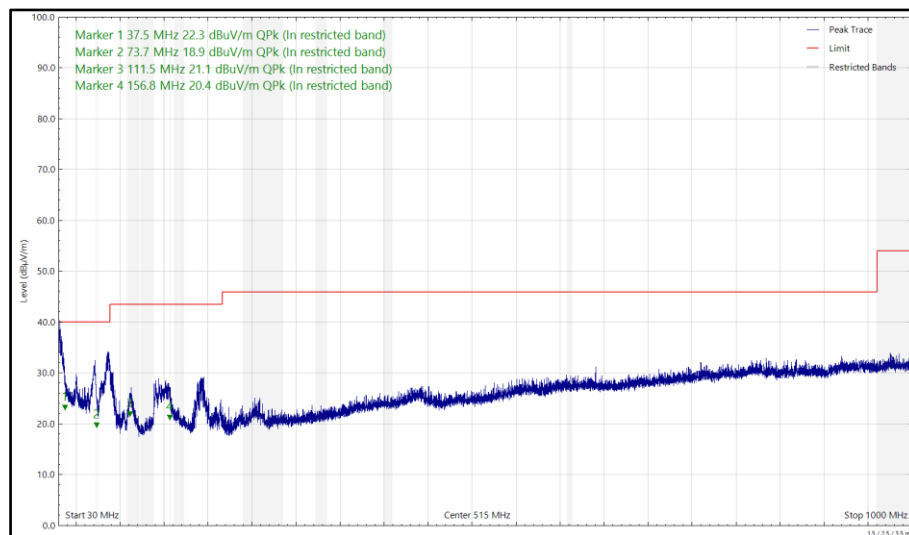


Figure 48 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 30 MHz to 1 GHz, Vertical (Peak)

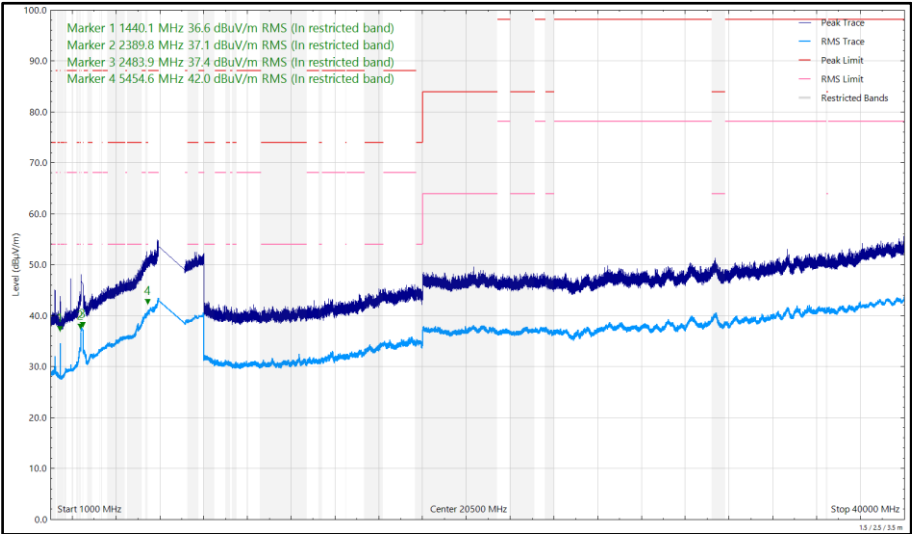


Figure 49 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 0, 1 GHz to 40 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.515	23.00	40.00	-17.00	Q-Peak	7	100	Vertical
74.043	18.62	40.00	-21.38	Q-Peak	5	110	Vertical
74.252	17.26	40.00	-22.74	Q-Peak	259	256	Horizontal
112.595	22.35	43.50	-21.15	Q-Peak	218	113	Vertical
135.487	19.16	43.50	-24.34	Q-Peak	147	382	Horizontal
156.856	20.72	43.50	-22.78	Q-Peak	256	188	Vertical
251.326	19.88	46.00	-26.12	Q-Peak	53	105	Horizontal
1440.089	31.81	54.00	-22.19	RMS	40	164	Horizontal
2389.019	36.39	54.00	-17.61	RMS	348	323	Vertical
2483.619	36.85	54.00	-17.15	RMS	25	344	Vertical
5454.518	42.07	54.00	-11.93	RMS	356	285	Vertical
5456.096	39.29	54.00	-14.71	RMS	76	391	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.

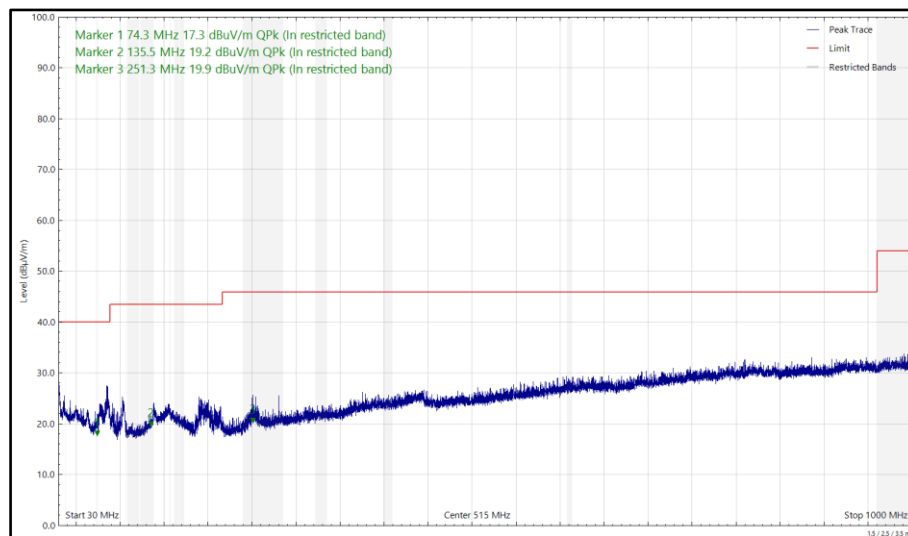


Figure 50 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

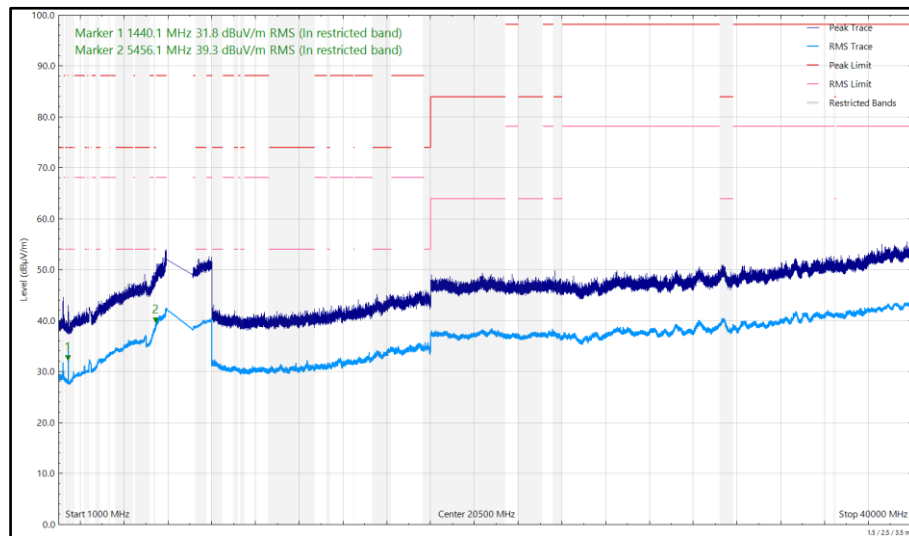


Figure 51 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 1 GHz to 40 GHz, Horizontal

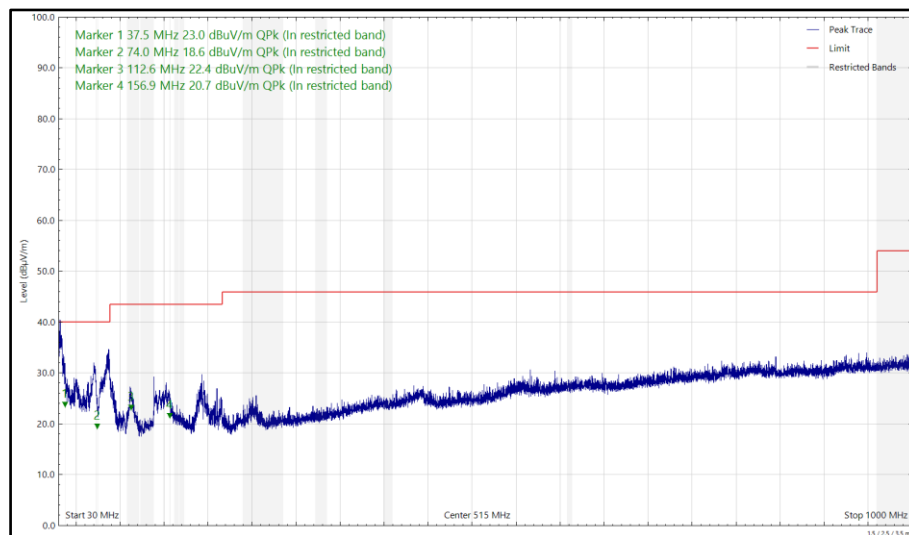


Figure 52 - 6175 MHz (CH45), HE20, SU, CDD, Core 0 + Core 1 and 2440 MHz (CH18), Thread, ePA, Core 1, 30 MHz to 1 GHz, Vertical (Peak)