



Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
2389.976	34.47	54.00	-19.53	RMS	346	246	Vertical
4960.096	39.05	54.00	-14.95	RMS	350	301	Vertical
7440.628	39.37	54.00	-14.63	RMS	31	267	Vertical

Table 175 - 2480 MHz (CH2480), LE1M, ePA, Core 0 + Core 1, 1 GHz to 18 GHz

No other emissions found within 20 dB of the limit.

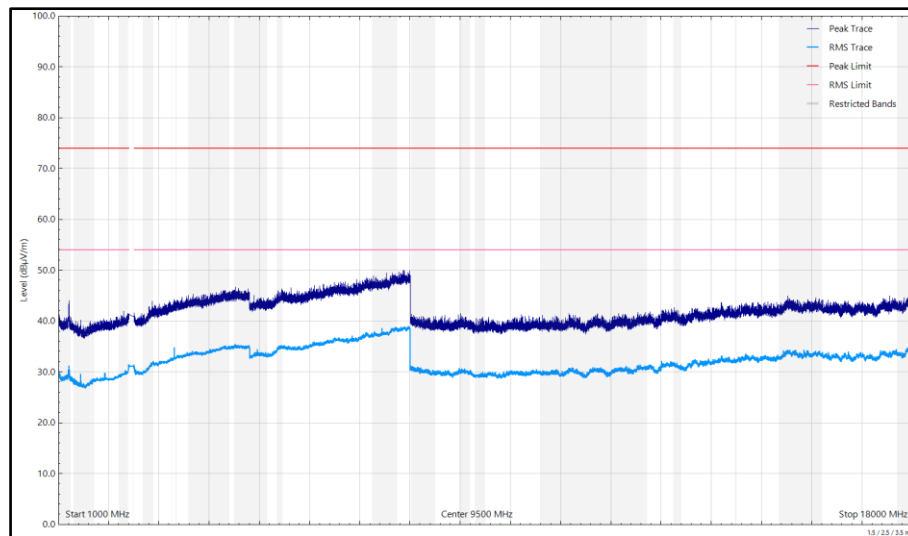


Figure 588 - 2480 MHz (CH2480), LE1M, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Horizontal

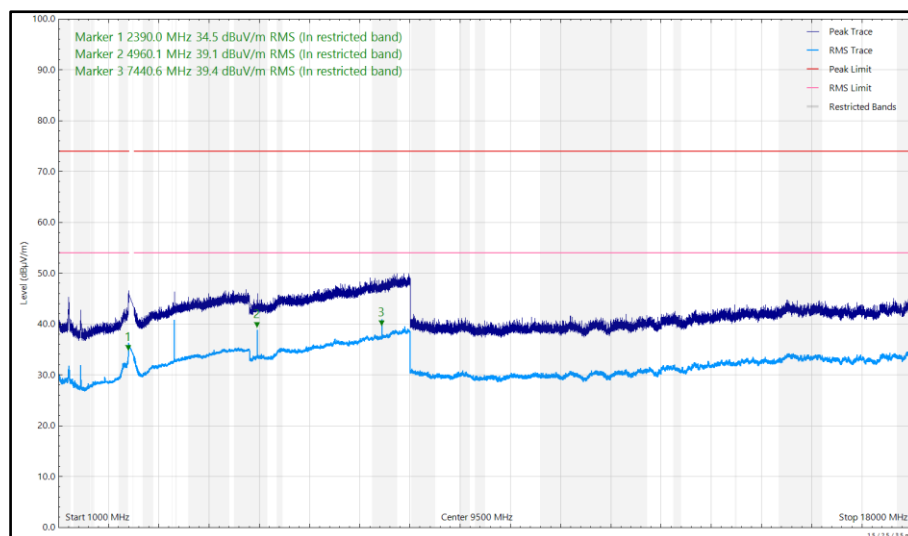


Figure 589 - 2480 MHz (CH2480), LE1M, ePA, Core 0 + Core 1, 1 GHz to 18 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.922	21.28	40.00	-18.72	Q-Peak	86	179	Horizontal
38.004	21.79	40.00	-18.21	Q-Peak	172	142	Vertical

Table 176 - 2440 MHz (CH2440), HDT4, iPA, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

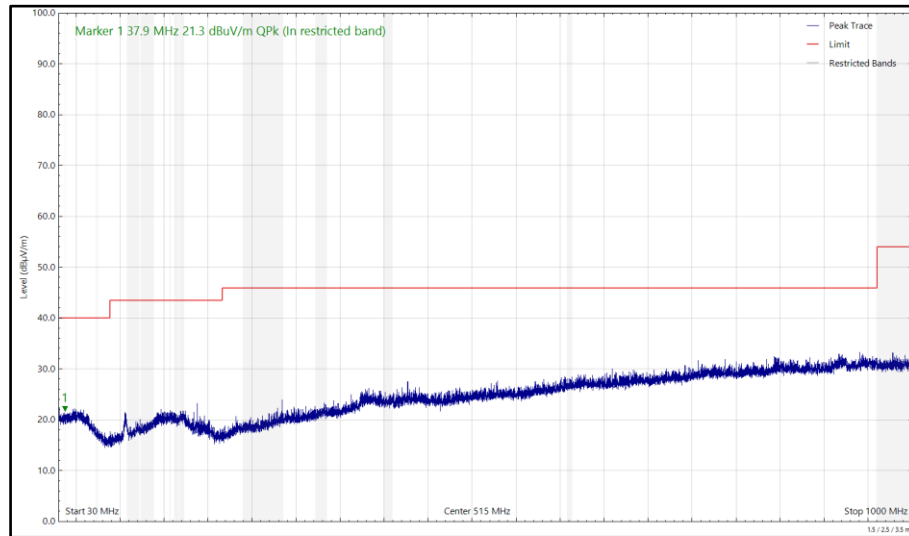


Figure 590 - 2440 MHz (CH2440), HDT4, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

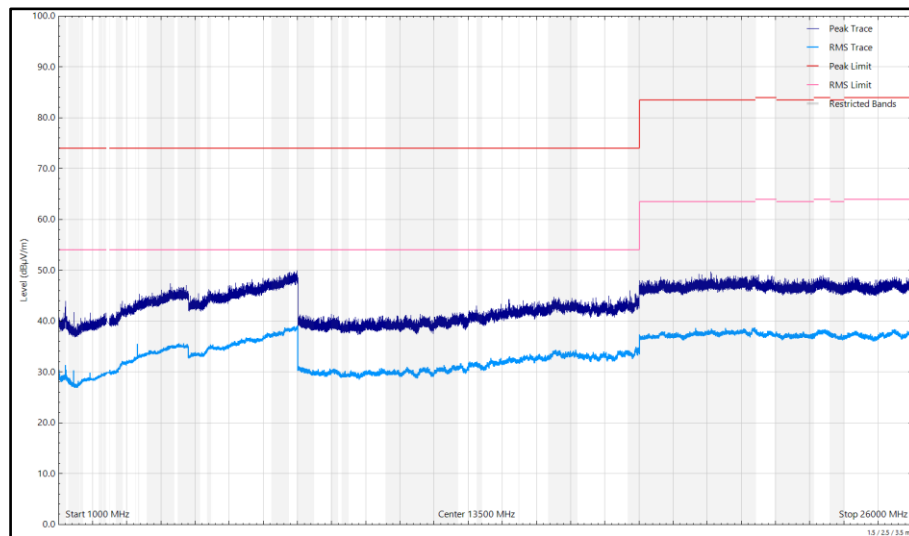


Figure 591 - 2440 MHz (CH2440), HDT4, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

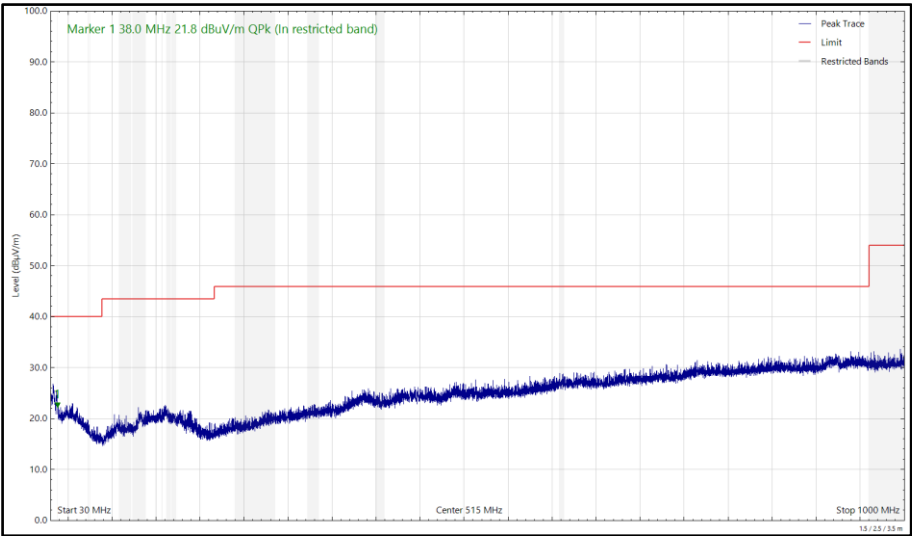


Figure 592 - 2440 MHz (CH2440), HDT4, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

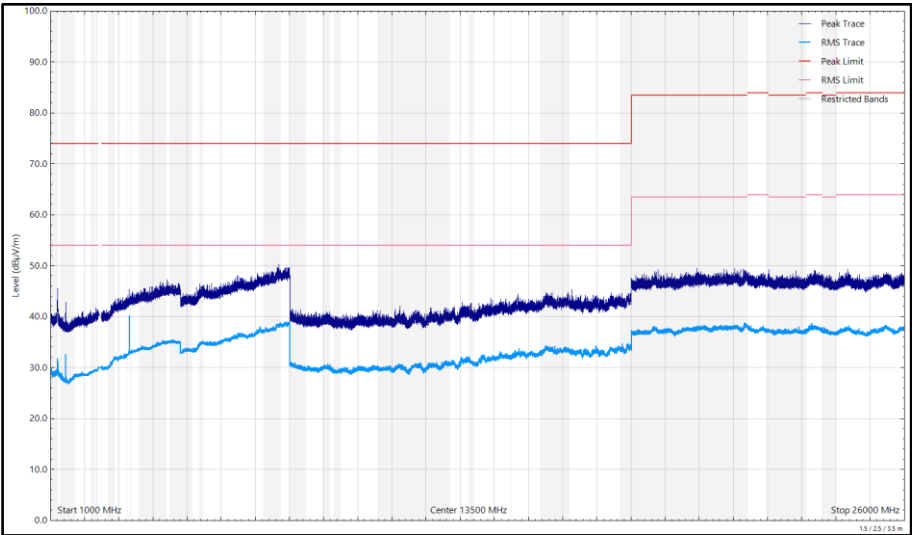


Figure 593 - 2440 MHz (CH2440), HDT4, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
38.209	21.76	40.00	-18.24	Q-Peak	20	131	Vertical
38.220	21.17	40.00	-18.83	Q-Peak	89	369	Horizontal
400.237	23.88	46.00	-22.12	Q-Peak	87	153	Horizontal

Table 177 - 2440 MHz (CH2440), HDT4, iPA, Core 2, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

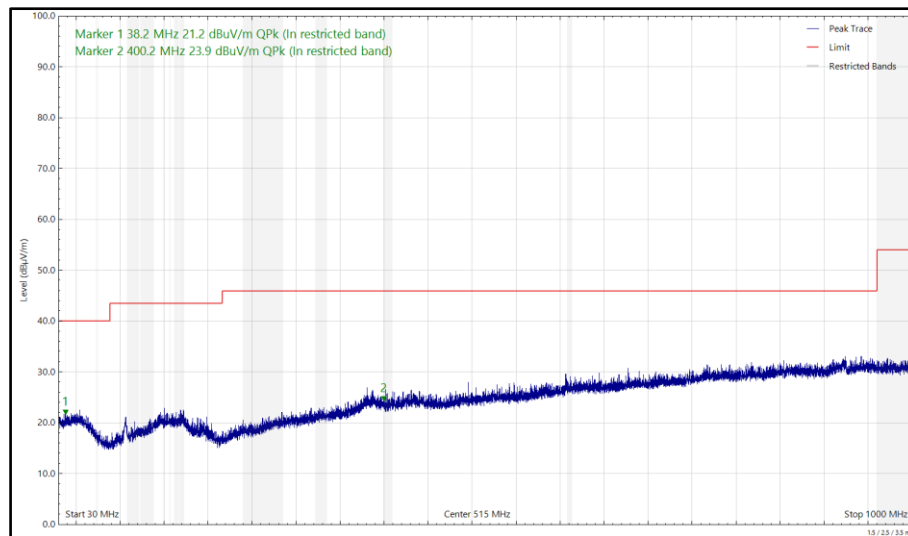


Figure 594 - 2440 MHz (CH2440), HDT4, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

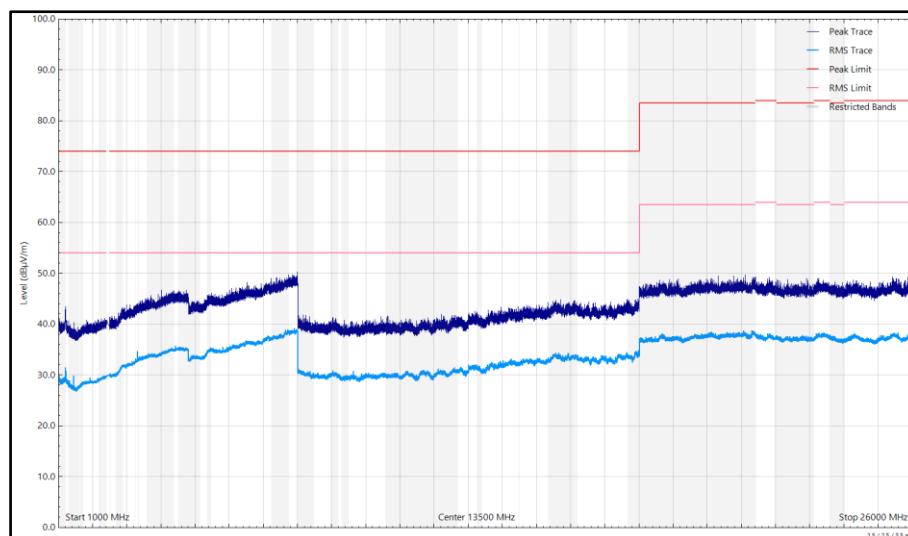


Figure 595 - 2440 MHz (CH2440), HDT4, iPA, Core 2, 1 GHz to 26 GHz, Horizontal

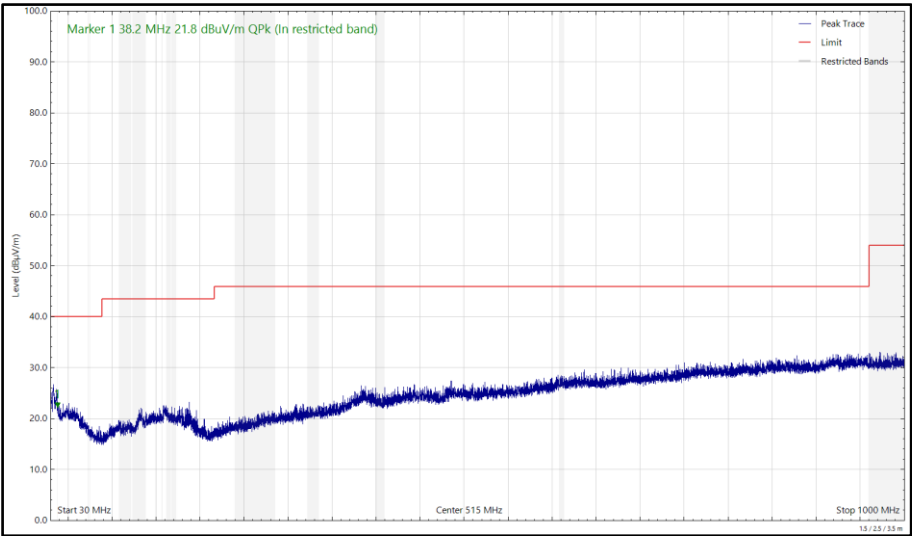


Figure 596 - 2440 MHz (CH2440), HDT4, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

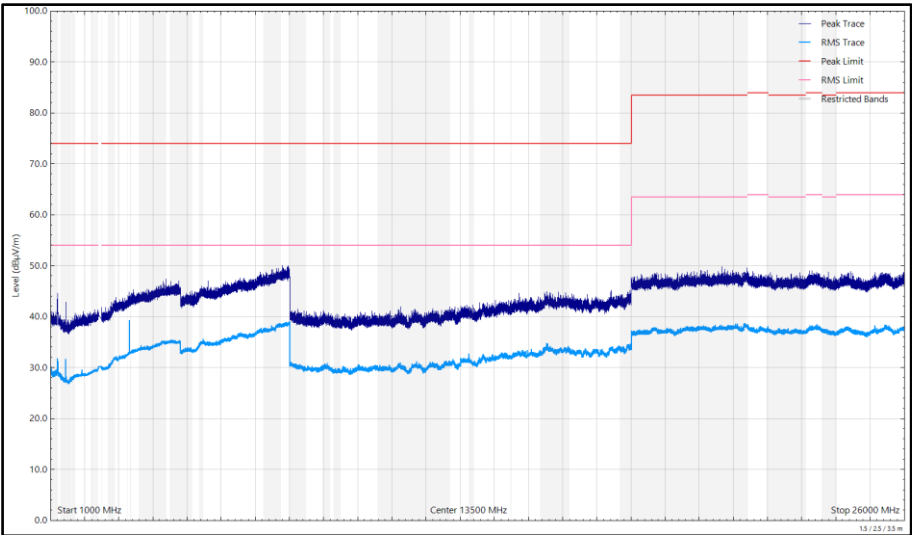


Figure 597 - 2440 MHz (CH2440), HDT4, iPA, Core 2, 1 GHz to 26 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.975	21.93	40.00	-18.07	Q-Peak	123	142	Vertical
38.061	21.20	40.00	-18.80	Q-Peak	327	345	Horizontal

Table 178 - 2440 MHz (CH2440), HDT4, ePA, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

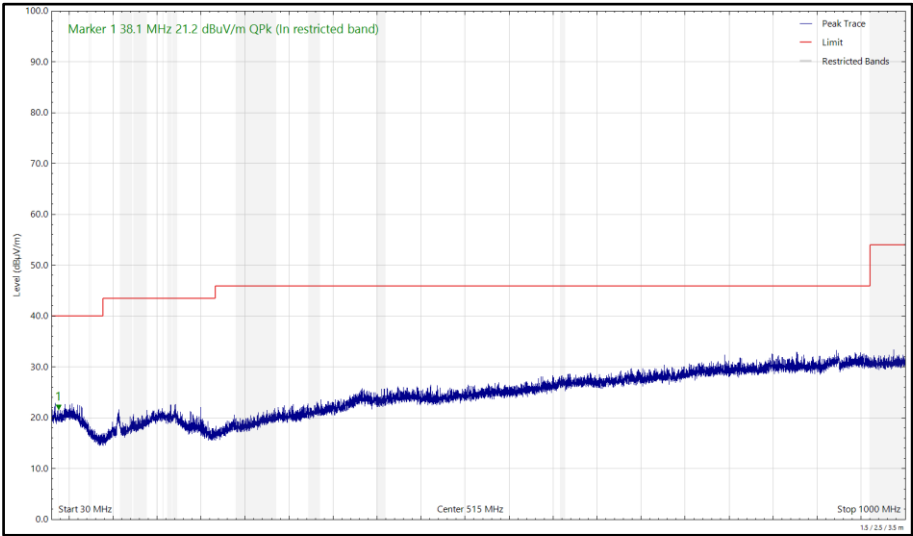


Figure 598 - 2440 MHz (CH2440), HDT4, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

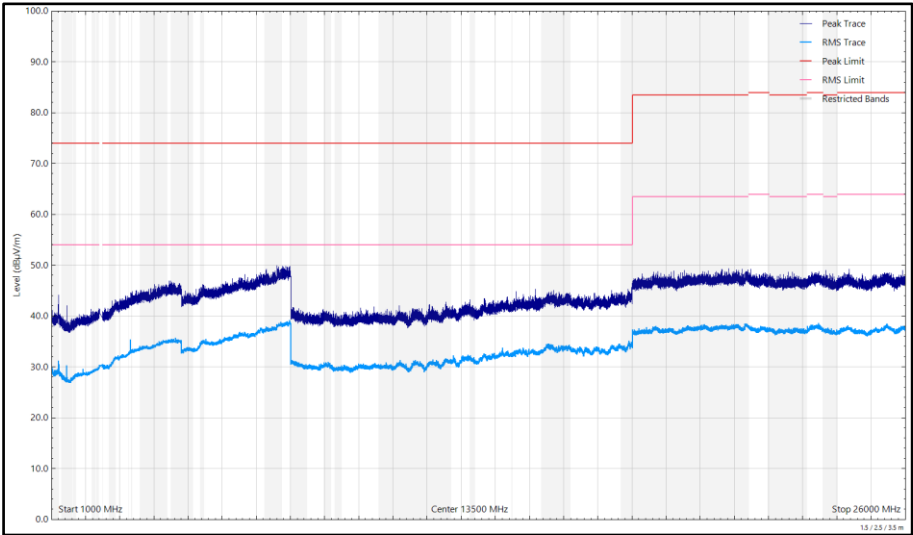


Figure 599 - 2440 MHz (CH2440), HDT4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

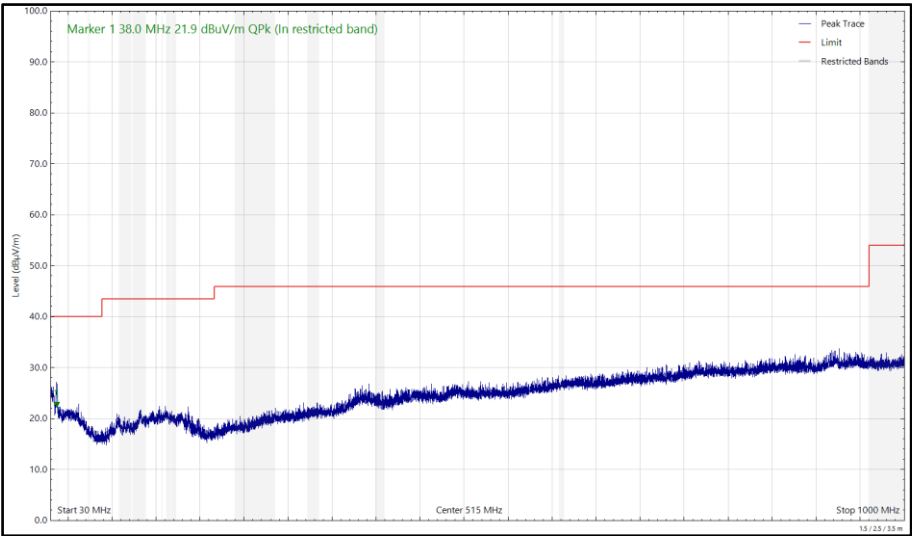


Figure 600 - 2440 MHz (CH2440), HDT4, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

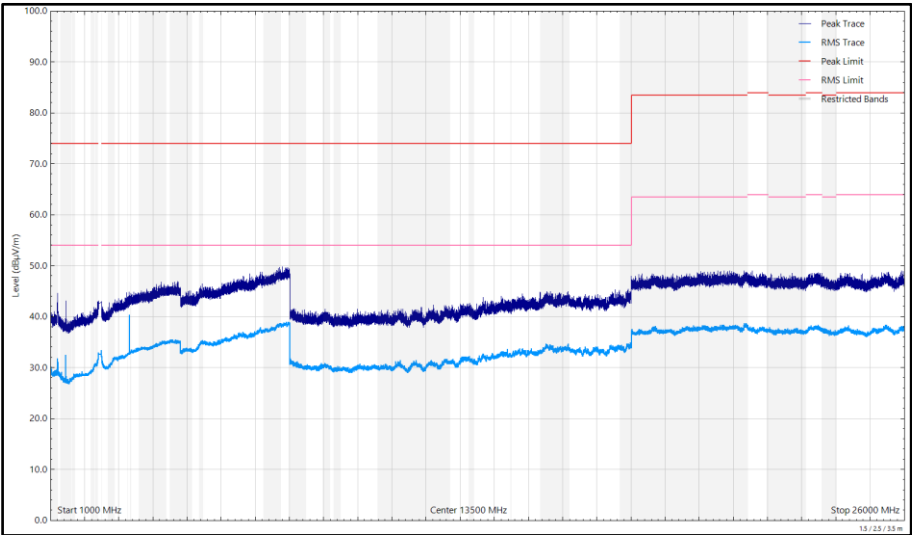


Figure 601 - 2440 MHz (CH2440), HDT4, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
*							

Table 179 - 2440 MHz (CH2440), HDR8, iPA, Core 0 + Core 1, 30 MHz to 26 GHz

*No emissions found within 20 dB of the limit.

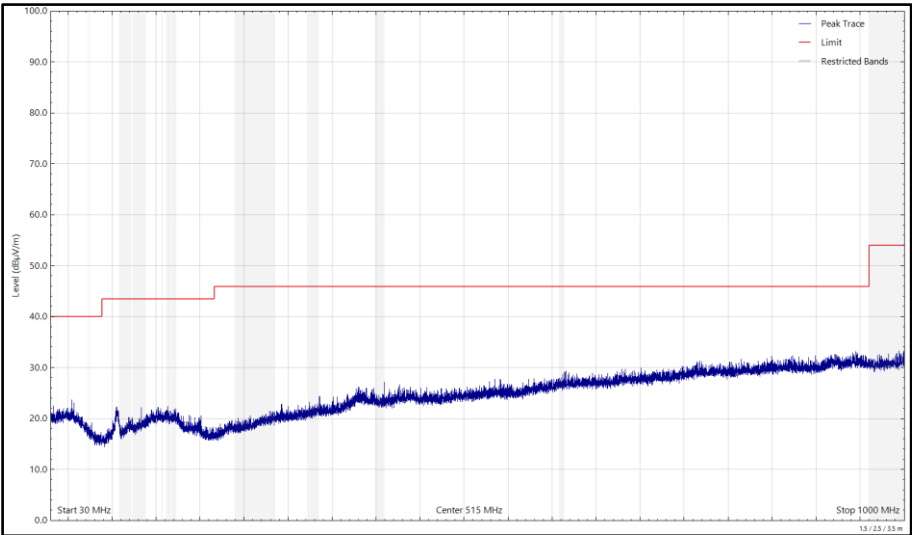


Figure 602 - 2440 MHz (CH2440), HDR8, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

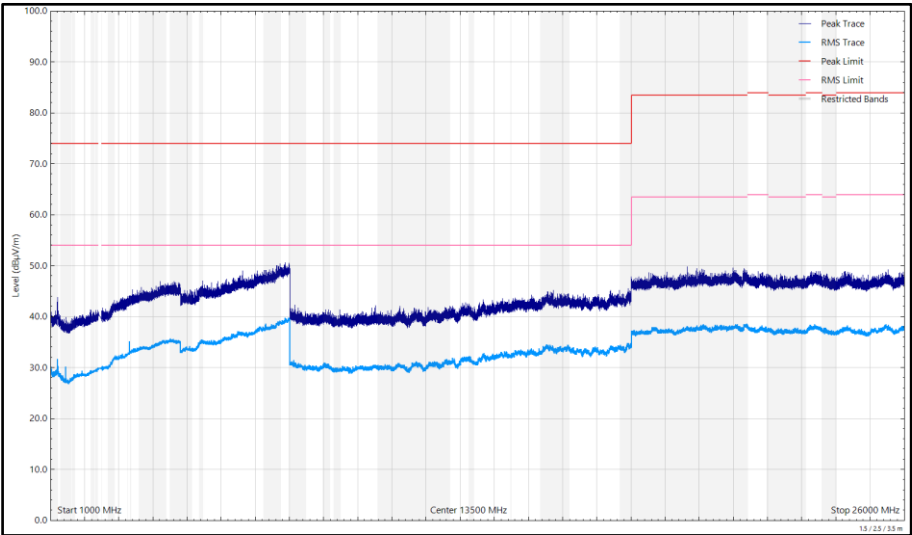


Figure 603 - 2440 MHz (CH2440), HDR8, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

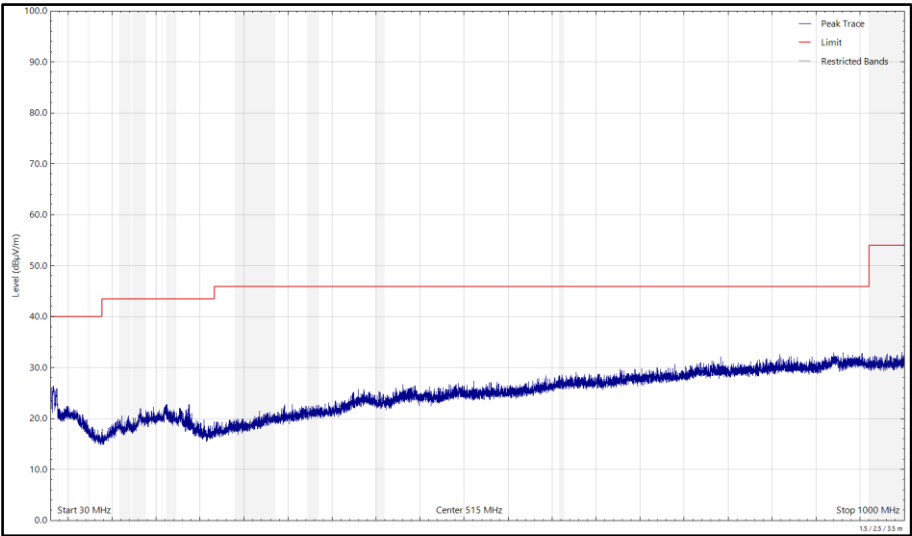


Figure 604 - 2440 MHz (CH2440), HDR8, iPA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

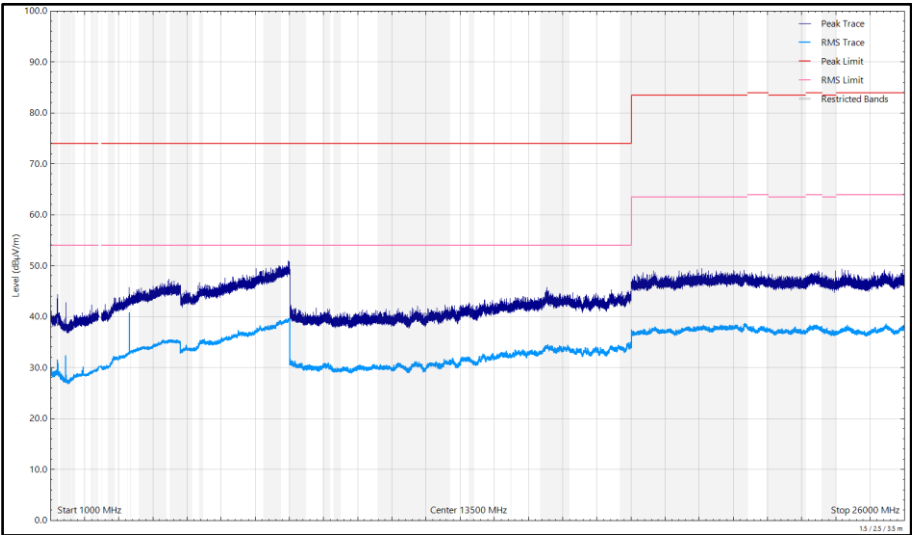


Figure 605 - 2440 MHz (CH2440), HDR8, iPA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical



Frequency (MHz)	Level (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.687	21.91	40.00	-18.09	Q-Peak	8	196	Vertical

Table 180 - 2440 MHz (CH2440), HDR8, iPA, Core 2, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

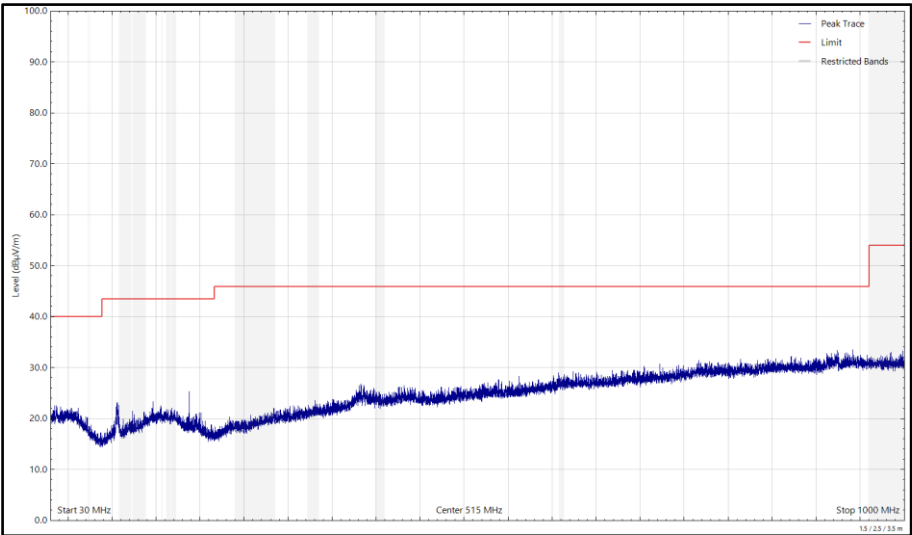


Figure 606 - 2440 MHz (CH2440), HDR8, iPA, Core 2, 30 MHz to 1 GHz, Horizontal (Peak)

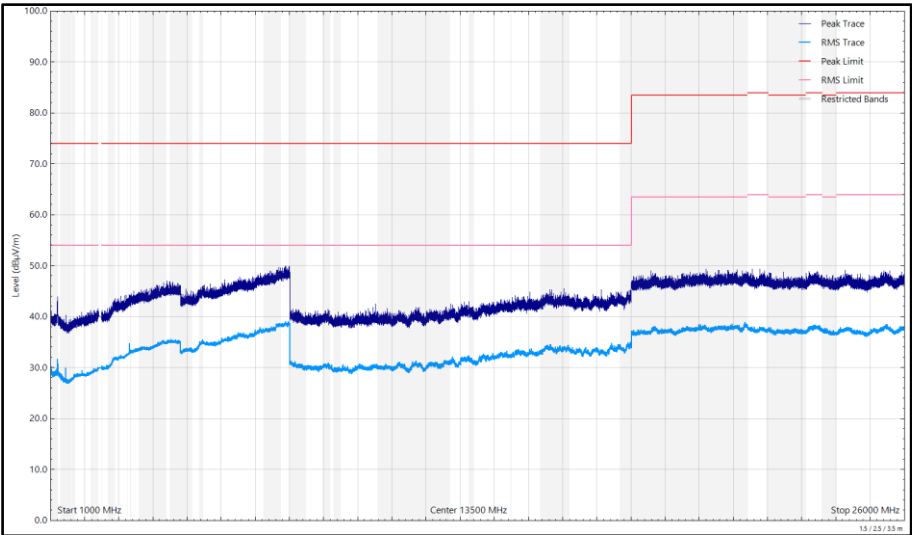


Figure 607 - 2440 MHz (CH2440), HDR8, iPA, Core 2, 1 GHz to 26 GHz, Horizontal

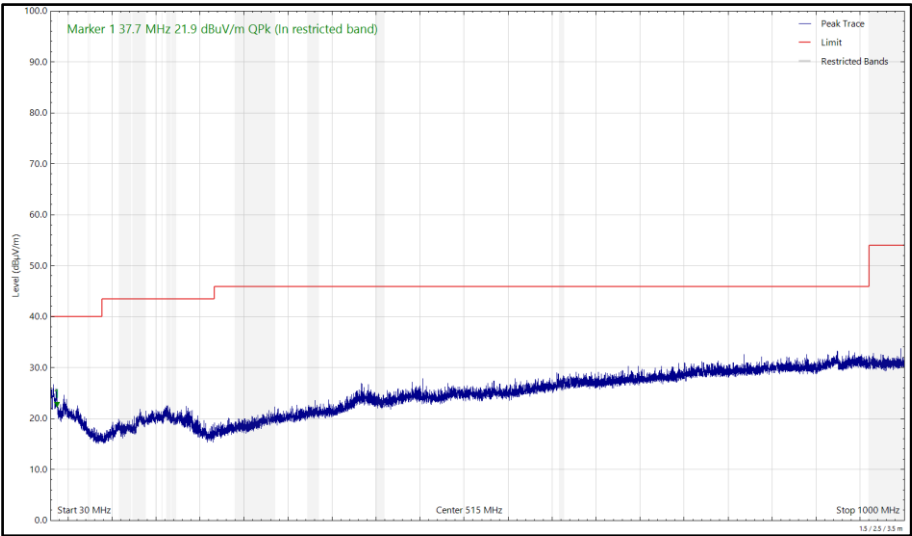


Figure 608 - 2440 MHz (CH2440), HDR8, iPA, Core 2, 30 MHz to 1 GHz, Vertical (Peak)

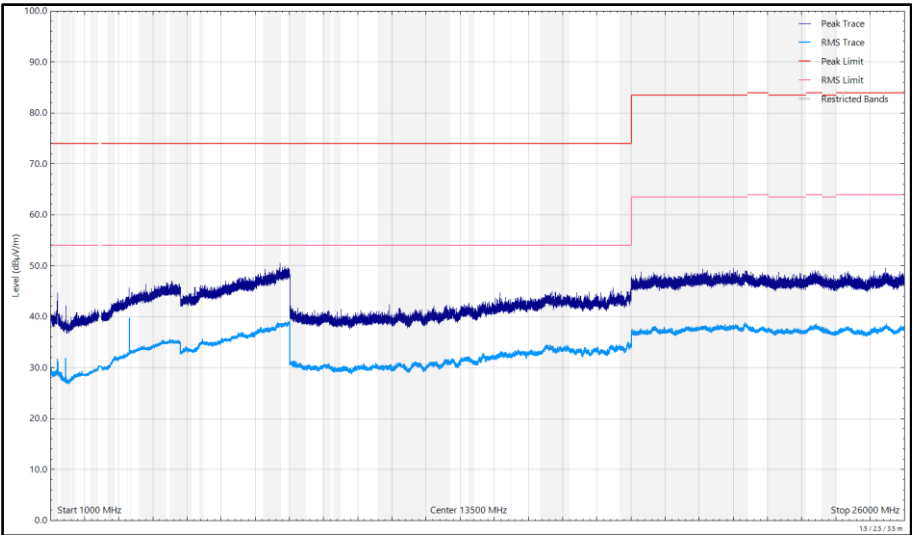


Figure 609 - 2440 MHz (CH2440), HDR8, iPA, Core 2, 1 GHz to 26 GHz, Vertical

Frequency (MHz)	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Detector	Angle (°)	Height (cm)	Polarisation
37.937	21.36	40.00	-18.64	Q-Peak	231	270	Vertical
38.122	21.38	40.00	-18.62	Q-Peak	166	388	Horizontal
2486.360	34.19	54.00	-19.81	RMS	346	287	Vertical

Table 181 - 2440 MHz (CH2440), HDR8, ePA, Core 0 + Core 1, 30 MHz to 26 GHz

No other emissions found within 20 dB of the limit.

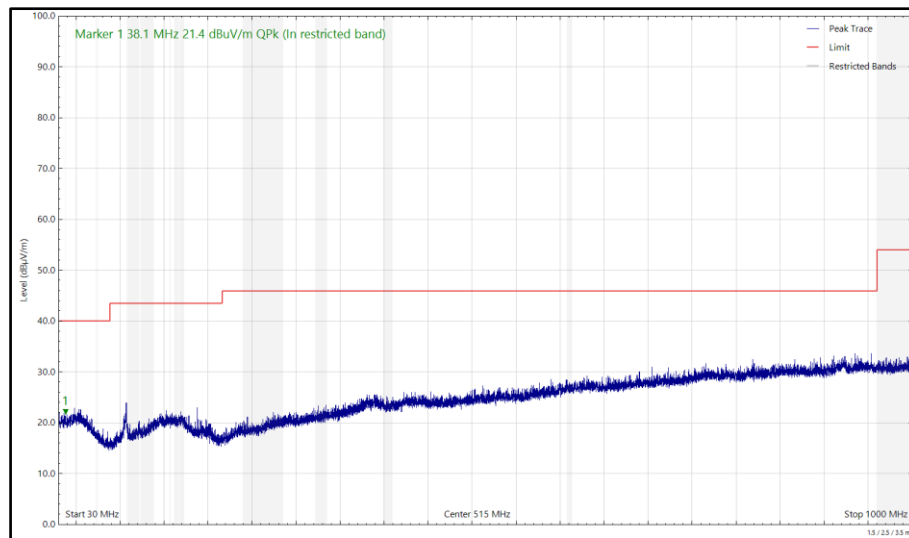


Figure 610 - 2440 MHz (CH2440), HDR8, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Horizontal (Peak)

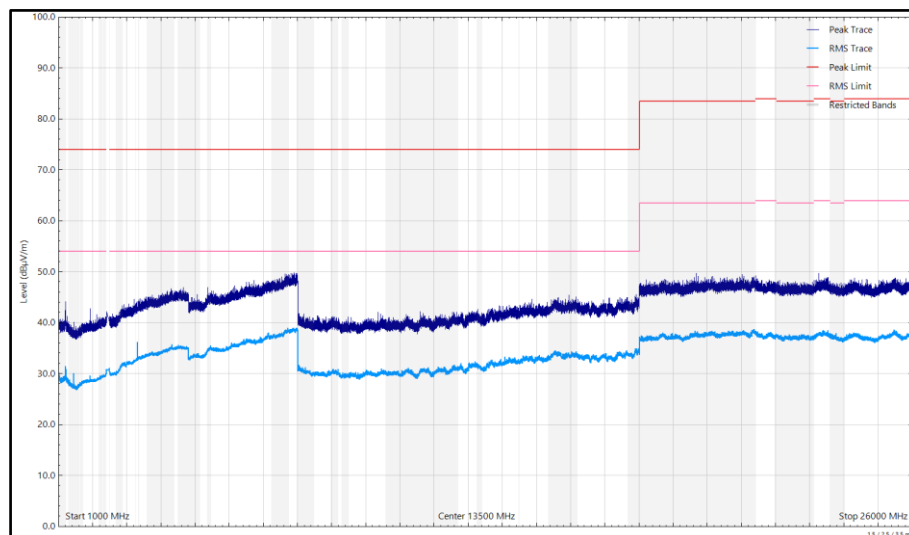


Figure 611 - 2440 MHz (CH2440), HDR8, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Horizontal

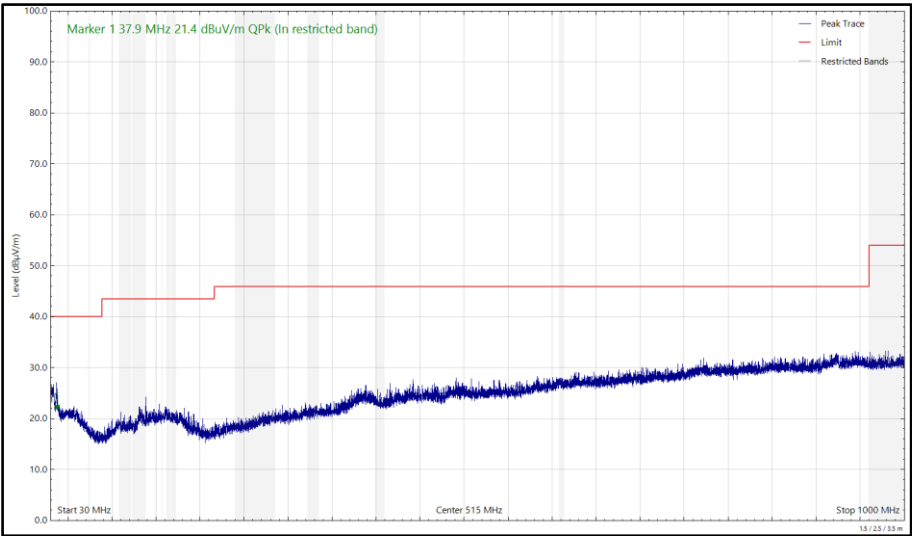


Figure 612 - 2440 MHz (CH2440), HDR8, ePA, Core 0 + Core 1, 30 MHz to 1 GHz, Vertical (Peak)

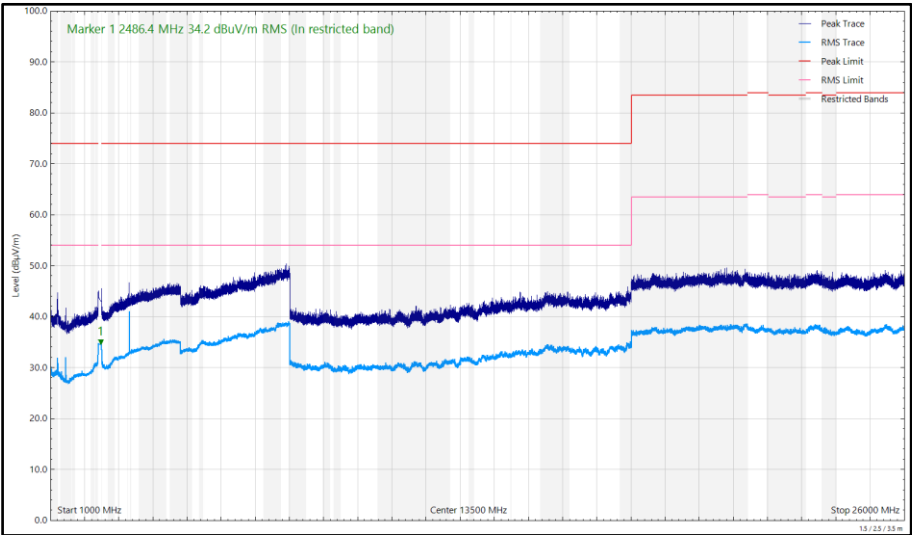


Figure 613 - 2440 MHz (CH2440), HDR8, ePA, Core 0 + Core 1, 1 GHz to 26 GHz, Vertical



FCC 47 CFR Part 15, Limit Clause 15.247 (d)

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

Attenuation below the general limits specified in § 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in § 15.205(a), must also comply with the radiated emission limits specified in 15.209(a)

ISED RSS-247, Limit Clause 6.6

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided that the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of root-mean-square averaging over a time interval, as permitted under Section 5.4(4), the attenuation required shall be 30 dB instead of 20 dB. Attenuation below the general field strength limits specified in RSS-Gen is not required.

In addition, radiated emissions which fall in the restricted bands, as defined in RSS-GEN, clause 8.10, must also comply with the radiated emission limits specified in RSS-GEN clause 8.9.



2.5.8 Test Location and Test Equipment Used

This test was carried out in RF Chamber 14, RF Chamber 15 and RF Chamber 18.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
Emissions Software	TUV SUD	EmX V3.6.3	5125	-	TU
EMI Test Receiver	Rohde & Schwarz	ESW44	5911	12	29-Oct-2026
EMI Test Receiver	Rohde & Schwarz	ESW44	5912	12	04-Sep-2026
DRG Horn Antenna (7.5-18GHz)	Schwarzbeck	HWRD750	5939	12	23-May-2027
TRILOG Super Broadband Test Antenna	Schwarzbeck	VULB 9168	5942	24	03-Jan-2027
1500W (300V 12A) AC Power Supply	iTech	IT7324	5955	-	TU
1500W (300V 12A) AC Power Supply	iTech	IT7324	5956	-	TU
5m Semi-Anechoic Chamber (Dual-Axis)	Albatross Projects	RF Chamber 14	5958	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5959	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5960	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5961	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5962	-	TU
5m Semi-Anechoic Chamber (Dual-Axis), Chamber 15	Albatross Projects	RF Chamber 15	5963	36	23-Apr-2028
Compact Antenna Mast	Maturo Gmbh	CAM4.0-P	5964	-	TU
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	5966	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	5967	-	TU
Turntable	Maturo Gmbh	TT1.5SI	5968	-	TU
Horn Antenna (1-10.5 GHz)	Schwarzbeck	BBHA9120B	6140	12	14-Sep-2026
Digital Multimeter	Fluke	115	6145	12	02-Jun-2027
Digital Multimeter	Fluke	115	6146	12	03-Jun-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
Double Ridge Active Horn Antenna (18-40 GHz)	Com-Power	AHA-840	6189	24	26-Sep-2026
SAC Switch Unit	TUV SUD	TUV_SSU_001	6190	12	11-Dec-2026
8GHz Highpass Filter	Wainwright	WHKX 7150 8000 18000 50SS	6194	12	23-Apr-2027
Pre Amp 8 - 18 GHz	Wright Technologies	APS06 0061	6200	12	23-Apr-2027
Attenuator (4 dB)	Pasternack	PE7074-4	6202	24	03-Jan-2027
Cable (SMA to SMA 20cm)	TUV SUD	MH-FH 8-18	6215	12	23-Apr-2027
EMC Test Receiver	Rohde & Schwarz	ESW44	6333	12	08-May-2027
Humidity and Temperature Meter	R.S Components	1364	6346	12	31-Mar-2027
3m Semi-Anechoic Chamber	Albatross Projects	Chamber 18	6597	36	08-May-2028
2m Cable	Junkosha	MWX241-	6742	12	27-Apr-2027



Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
		02000KMSKMS/B			
Mast & Turntable Controller	Maturo Gmbh	FCU3.0	6795	-	TU
Tilt Antenna Mast	Maturo Gmbh	BAM4.5-P	6796	-	TU
Turntable	Maturo Gmbh	TT1.5SI	6797	-	TU
AC Programmable Power Supply	iTech	IT7324	6812	-	TU
Handheld Hygrometer	Fluke	971	6838	12	16-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6841	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6842	12	23-Sep-2026
1m SMA-Type Cable	Junkosha	MWX221-01000AMSAMS/B	6843	12	06-Sep-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6848	12	23-Oct-2026
8m SMA-Type Cable	Junkosha	MWX221-08000AMSAMS/B	6850	12	23-Oct-2026
SAC Switch Unit	TUV SUD	TUV_SSU_004 PLC	6886	12	02-Dec-2026

Table 182

TU - Traceability Unscheduled



2.6 Power Spectral Density

2.6.1 Specification Reference

FCC 47 CFR Part 15C, Clause 15.247 (e)
ISED RSS-247, Clause 6.3.1
ISED RSS-GEN, Clause 6.12

2.6.2 Equipment Under Test and Modification State

A3468, S/N: CWN2V4LCN6 - Modification State 0
A3468, S/N: D6669733D2 - Modification State 0

2.6.3 Date of Test

20-September-2026 and 26-September-2026

2.6.4 Test Method

This test was performed in accordance with ANSI C63.10, clause 11.10.2.

Where the EUT duty cycle was < 98 % and repeatable within 2 %, the spectrum analyser was set to trace (power) averaging and a duty cycle correction was added as calculated in the result tables below (Method AVGPS-2).

MIMO output port summing was performed in accordance with KDB 662911 D01 E)2)b).

2.6.5 Environmental Conditions

Ambient Temperature	21.7 °C
Relative Humidity	44.8 %



2.6.6 Test Results

2.4 GHz Bluetooth - DTS

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 HDT (HDT4)	Duty Cycle (%):	93.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-14.46	-	-	-	-	8.00	-22.46
2439	3.0	-14.46	-	-	-	-	8.00	-22.46
2474	3.0	-14.50	-	-	-	-	8.00	-22.50

Table 183 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-10.44	-	-	-	-	8.00	-18.44
2440	3.0	-10.43	-	-	-	-	8.00	-18.43
2476	3.0	-10.48	-	-	-	-	8.00	-18.48

Table 184 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-14.58	-	-	-	-	8.00	-22.58
2440	3.0	-14.25	-	-	-	-	8.00	-22.25
2475	3.0	-14.04	-	-	-	-	8.00	-22.04

Table 185 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-10.27	-	-	-	-	8.00	-18.27
2440	3.0	-10.13	-	-	-	-	8.00	-18.13
2480	3.0	-10.38	-	-	-	-	8.00	-18.38

Table 186 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 LE (LELR125K)	Duty Cycle (%):	100.0
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-0.14	-	-	-	-	8.00	-8.14
2404	3.0	-0.04	-	-	-	-	8.00	-8.04
2480	3.0	-0.20	-	-	-	-	8.00	-8.20

Table 187 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 1 HDT (HDT4)	Duty Cycle (%):	93.4
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-14.41	-	-	-	8.00	-22.41
2439	3.0	-	-14.26	-	-	-	8.00	-22.26
2474	3.0	-	-14.27	-	-	-	8.00	-22.27

Table 188 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 1 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-10.18	-	-	-	8.00	-18.18
2440	3.0	-	-10.20	-	-	-	8.00	-18.20
2476	3.0	-	-10.15	-	-	-	8.00	-18.15

Table 189 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 1 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-14.17	-	-	-	8.00	-22.17
2440	3.0	-	-13.24	-	-	-	8.00	-21.24
2475	3.0	-	-14.10	-	-	-	8.00	-22.10

Table 190 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED C iPa Core 1 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	-9.98	-	-	-	8.00	-17.98
2440	3.0	-	-9.86	-	-	-	8.00	-17.86
2480	3.0	-	-9.98	-	-	-	8.00	-17.98

Table 191 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 6.3.1 (b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED C iPa Core 1 LE (LELR125K)	Duty Cycle (%):	100.0
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	-0.38	-	-	-	8.00	-8.38
2404	3.0	-	-0.35	-	-	-	8.00	-8.35
2480	3.0	-	-0.45	-	-	-	8.00	-8.45

Table 192 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 2 EDR (2-DH5)	Duty Cycle (%):	76.8
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	5.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	-	-3.82	-	-	8.00	-11.82
2441	3.0	-	-	-3.86	-	-	8.00	-11.86
2480	3.0	-	-	-3.79	-	-	8.00	-11.79

Table 193 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 2 HDT (HDT4)	Duty Cycle (%):	93.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	5.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-	-10.57	-	-	8.00	-18.57
2439	3.0	-	-	-10.13	-	-	8.00	-18.13
2474	3.0	-	-	-10.46	-	-	8.00	-18.46

Table 194 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED C iPa Core 2 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	5.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-	-6.19	-	-	8.00	-14.19
2440	3.0	-	-	-6.02	-	-	8.00	-14.02
2476	3.0	-	-	-6.27	-	-	8.00	-14.27

Table 195 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED C iPa Core 2 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	5.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-	-9.49	-	-	8.00	-17.49
2440	3.0	-	-	-9.68	-	-	8.00	-17.68
2475	3.0	-	-	-10.84	-	-	8.00	-18.84

Table 196 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED iPa Core 2 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	C (Core 2)	Peak Antenna Gain (dBi):	5.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	-	-10.17	-	-	8.00	-18.17
2440	3.0	-	-	-9.74	-	-	8.00	-17.74
2480	3.0	-	-	-10.08	-	-	8.00	-18.08

Table 197 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 + Core 1 HDT (HDT4)	Duty Cycle (%):	92.8
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-14.64	-15.00	-	-	-11.80	5.48	-17.28
2439	3.0	-14.51	-14.90	-	-	-11.69	5.48	-17.17
2474	3.0	-14.68	-14.70	-	-	-11.68	5.48	-17.16

Table 198 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-14.64	-15.00	-	-	-11.80	8.00	-19.80
2439	3.0	-14.51	-14.90	-	-	-11.69	8.00	-19.69
2474	3.0	-14.68	-14.70	-	-	-11.68	8.00	-19.68

Table 199 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 + Core 1 HDR (8-DH5)	Duty Cycle (%):	78.2
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-10.42	-10.67	-	-	-7.53	5.48	-13.01
2440	3.0	-10.36	-10.59	-	-	-7.46	5.48	-12.94
2476	3.0	-10.66	-11.21	-	-	-7.92	5.48	-13.39

Table 200 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-10.42	-10.67	-	-	-7.53	8.00	-15.53
2440	3.0	-10.36	-10.59	-	-	-7.46	8.00	-15.46
2476	3.0	-10.66	-11.21	-	-	-7.92	8.00	-15.92

Table 201 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 + Core 1 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-13.60	-13.83	-	-	-10.70	5.48	-16.18
2440	3.0	-13.85	-13.85	-	-	-10.84	5.48	-16.32
2475	3.0	-14.00	-14.21	-	-	-11.10	5.48	-16.57

Table 202 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-13.60	-13.83	-	-	-10.70	8.00	-18.70
2440	3.0	-13.85	-13.85	-	-	-10.84	8.00	-18.84
2475	3.0	-14.00	-14.21	-	-	-11.10	8.00	-19.10

Table 203 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 + Core 1 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-10.21	-10.55	-	-	-7.37	5.48	-12.85
2440	3.0	-10.14	-10.37	-	-	-7.25	5.48	-12.72
2480	3.0	-10.43	-10.57	-	-	-7.49	5.48	-12.97

Table 204 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-10.21	-10.55	-	-	-7.37	8.00	-15.37
2440	3.0	-10.14	-10.37	-	-	-7.25	8.00	-15.25
2480	3.0	-10.43	-10.57	-	-	-7.49	8.00	-15.49

Table 205 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED iPa Core 0 + Core 1 LE (LELR125K)	Duty Cycle (%):	100.0
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-0.14	-0.43	-	-	2.73	5.48	-2.75
2404	3.0	-0.50	-0.92	-	-	2.31	5.48	-3.17
2480	3.0	-0.27	-0.40	-	-	2.68	5.48	-2.80

Table 206 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-0.14	-0.43	-	-	2.73	8.00	-5.27
2404	3.0	-0.50	-0.92	-	-	2.31	8.00	-5.69
2480	3.0	-0.27	-0.40	-	-	2.68	8.00	-5.32

Table 207 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 EDR (2-DH5)	Duty Cycle (%):	76.8
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	2.93	-	-	-	-	8.00	-5.07
2441	3.0	2.87	-	-	-	-	8.00	-5.13
2480	3.0	2.85	-	-	-	-	8.00	-5.15

Table 208 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 HDT (HDT4)	Duty Cycle (%):	93.8
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.73	-	-	-	-	8.00	-14.73
2439	3.0	-6.86	-	-	-	-	8.00	-14.86
2474	3.0	-6.98	-	-	-	-	8.00	-14.98

Table 209 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-2.41	-	-	-	-	8.00	-10.41
2440	3.0	-2.56	-	-	-	-	8.00	-10.56
2476	3.0	-2.53	-	-	-	-	8.00	-10.53

Table 210 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 HDRP (HDRPM4)	Duty Cycle (%):	92.0
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.70	-	-	-	-	8.00	-14.70
2440	3.0	-7.20	-	-	-	-	8.00	-15.20
2475	3.0	-6.47	-	-	-	-	8.00	-14.47

Table 211 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	A (Core 0)	Peak Antenna Gain (dBi):	4.10

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-1.28	-	-	-	-	8.00	-9.28
2440	3.0	-1.36	-	-	-	-	8.00	-9.36
2480	3.0	-1.35	-	-	-	-	8.00	-9.35

Table 212 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 1 EDR (2-DH5)	Duty Cycle (%):	76.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	3.02	-	-	-	8.00	-4.98
2441	3.0	-	2.84	-	-	-	8.00	-5.17
2480	3.0	-	2.83	-	-	-	8.00	-5.17

Table 213 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 1 HDT (HDT4)	Duty Cycle (%):	93.3
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-6.86	-	-	-	8.00	-14.86
2439	3.0	-	-7.14	-	-	-	8.00	-15.14
2474	3.0	-	-7.10	-	-	-	8.00	-15.10

Table 214 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 1 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-2.52	-	-	-	8.00	-10.52
2440	3.0	-	-2.82	-	-	-	8.00	-10.82
2476	3.0	-	-2.62	-	-	-	8.00	-10.62

Table 215 - Maximum Power Spectral Density Results

Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 1 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-	-7.10	-	-	-	8.00	-15.10
2440	3.0	-	-6.63	-	-	-	8.00	-14.63
2475	3.0	-	-7.24	-	-	-	8.00	-15.24

Table 216 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		

DUT Configuration			
Mode:	FCC+ISED ePa Core 1 LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	SISO	DCCF (dB):	-
Active Port(s):	B (Core 1)	Peak Antenna Gain (dBi):	4.40

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-	-1.76	-	-	-	8.00	-9.76
2440	3.0	-	-1.44	-	-	-	8.00	-9.44
2480	3.0	-	-1.45	-	-	-	8.00	-9.45

Table 217 - Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 + Core 1 EDR (2-DH5)	Duty Cycle (%):	76.5
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-0.10	-0.16	-	-	2.88	5.48	-2.60
2441	3.0	-0.14	-0.23	-	-	2.82	5.48	-2.65
2480	3.0	-0.17	-1.10	-	-	2.40	5.48	-3.07

Table 218 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-0.10	-0.16	-	-	2.88	8.00	-5.12
2441	3.0	-0.14	-0.23	-	-	2.82	8.00	-5.18
2480	3.0	-0.17	-1.10	-	-	2.40	8.00	-5.60

Table 219 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 + Core 1 HDT (HDT4)	Duty Cycle (%):	93.4
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.90	-6.97	-	-	-3.92	5.48	-9.40
2439	3.0	-6.84	-7.05	-	-	-3.93	5.48	-9.41
2474	3.0	-6.86	-7.10	-	-	-3.97	5.48	-9.45

Table 220 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.90	-6.97	-	-	-3.92	8.00	-11.92
2439	3.0	-6.84	-7.05	-	-	-3.93	8.00	-11.93
2474	3.0	-6.86	-7.10	-	-	-3.97	8.00	-11.97

Table 221 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 + Core 1 HDR (8-DH5)	Duty Cycle (%):	77.9
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-2.37	-2.68	-	-	0.49	5.48	-4.99
2440	3.0	-2.38	-2.72	-	-	0.47	5.48	-5.01
2476	3.0	-2.93	-2.60	-	-	0.25	5.48	-5.23

Table 222 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-2.37	-2.68	-	-	0.49	8.00	-7.51
2440	3.0	-2.38	-2.72	-	-	0.47	8.00	-7.53
2476	3.0	-2.93	-2.60	-	-	0.25	8.00	-7.75

Table 223 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	662911 D01 v02r01 E)2)b)		

DUT Configuration			
Mode:	FCC+ISED ePa Core 0 + Core 1 HDRP (HDRPM4)	Duty Cycle (%):	92.5
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.20	-6.78	-	-	-3.47	5.48	-8.95
2440	3.0	-6.77	-6.57	-	-	-3.66	5.48	-9.14
2475	3.0	-6.90	-6.99	-	-	-3.93	5.48	-9.41

Table 224 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2404	3.0	-6.20	-6.78	-	-	-3.47	8.00	-11.47
2440	3.0	-6.77	-6.57	-	-	-3.66	8.00	-11.66
2475	3.0	-6.90	-6.99	-	-	-3.93	8.00	-11.93

Table 225 - ISED Maximum Power Spectral Density Results



Test Configuration			
Frequency Range:	2400-2483.5 MHz	Band:	2.4 GHz
Limit Clause(s):	15.247 (e) RSS-247 5.2 b)	Test Method(s):	C63.10 11.10.2
Additional Reference(s):	-		
Note(s):	TxBF cores were tested independently whilst transmitting at the cores respective powers and summed after test		

DUT Configuration			
Mode:	FCC+ISED ePa LE (LE 1M)	Duty Cycle (%):	84.6
Antenna Configuration:	Beamforming	DCCF (dB):	-
Active Port(s):	A+B (Core 0+Core 1)	Peak Antenna Gain (dBi):	7.26

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/RBW)					Limit (dBm/3 kHz)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-1.24	-1.83	-	-	1.49	6.74	-5.25
2440	3.0	-1.24	-1.38	-	-	1.71	6.74	-5.03
2480	3.0	-1.40	-1.45	-	-	1.58	6.74	-5.16

Table 226 - FCC Maximum Power Spectral Density Results

Test Frequency (MHz)	RBW (kHz)	PSD (dBm/3 kHz)					Limit (dBm)	Margin (dB)
		A	B	C	D	Σ		
2402	3.0	-1.24	-1.83	-	-	1.49	8.00	-6.51
2440	3.0	-1.24	-1.38	-	-	1.71	8.00	-6.29
2480	3.0	-1.40	-1.45	-	-	1.58	8.00	-6.42

Table 227 - ISED Maximum Power Spectral Density Results

FCC 47 CFR Part 15, Limit Clause 15.247 (e)

The power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

ISED RSS-247, Limit Clause 6.3.1(b)

The transmitter power spectral density conducted from the transmitter to the antenna(s) shall not be greater than 8 dBm/3 kHz band during any time interval of continuous transmission. This power spectral density shall be determined in accordance with the provisions of RSS-247 clause 6.3.2. The power spectral density shall be determined using the same method as is used to determine the maximum conducted output power.



2.6.7 Test Location and Test Equipment Used

This test was carried out in RF Laboratory 14.

Instrument	Manufacturer	Type No.	TE No.	Calibration Period (months)	Calibration Expiry Date
USB Power Sensors, 50MHz to 8GHz	Boonton	RTP5008	5924	12	27-Feb-2027
Digital Multimeter	Fluke	115	6147	12	03-Jun-2027
MXA Signal Analyser	Keysight Technologies	N9020B	6419	24	16-Jun-2028
Humidity and Temperature Meter	R.S Components	1364	6486	12	23-Jul-2027
Signal Conditioning Unit	TUV SUD	SPECTRUM_SCU001	6517	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6526	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6527	12	25-Feb-2027
SCU Cable Assembly	TUV SUD	SPECTRUM_SCU_CA	6528	12	25-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6585	12	27-Feb-2027
USB Wideband Power Sensor	Boonton	RTP5008	6586	12	27-Feb-2027
AC Programmable Power Supply	iTech	IT7324	6665	-	O/P Mon
DC Power Module	Keysight Technologies	N6754A	6666	-	O/P Mon
Modular Power System Mainframe	Keysight Technologies	N6701C	6667	-	O/P Mon
Digital Thermometer	R.S Components	RS 5511	6739	12	02-Mar-2027
Thermostatic Chamber	Weiss Technik	LabEvent T/500/50/3	7317	24	O/P Mon

Table 228

O/P Mon - Output Monitored using calibrated equipment



3 Measurement Uncertainty

For a 95% confidence level, the measurement uncertainties for defined systems are:

Test Name	Measurement Uncertainty
Restricted Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Emission Bandwidth	± 130.23 kHz
Maximum Conducted Output Power	Method PM: ± 0.65 dB Method SA: ± 1.05 dB
Authorised Band Edges	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Spurious Radiated Emissions	30 MHz to 1 GHz: ± 5.2 dB 1 GHz to 40 GHz: ± 6.3 dB
Power Spectral Density	± 1.00 dB

Table 229

Measurement Uncertainty Decision Rule – Accuracy Method

Determination of conformity with the specification limits is based on the decision rule according to IEC Guide 115:2021, Clause 4.4.3 (Procedure 2). The measurement results are directly compared with the test limit to determine conformance with the requirements of the standard.

Risk: The uncertainty of measurement about the measured result is negligible with regard to the final pass/fail decision. The measurement result can be directly compared with the test limit to determine conformance with the requirement (compare IEC Guide 115). The level of risk to falsely accept and falsely reject items is further described in ILAC-G8.