

Page 1 of 33

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# RADIO TEST REPORT

REPORT NUMBER: M2302021-9 V2

TEST STANDARD: FCC PART 15 SUBPART C

**SECTION 15.247** 

**ISED RSS-247 SECTION 5.0** 

CLIENT: REDARC TECHNOLOGIES PTY

LTD

**DEVICE: SMART BATTERY MONITOR** 

MODEL: SU6

FCC ID: 2BAH6-SU601

IC: 30290-SU601

DATE OF ISSUE: 22 SEPTEMBER 2023

EMC Technologies Pty Ltd reports apply only to the specific samples tested under stated test conditions. It is the manufacturer's responsibility to assure that additional production units of this model are manufactured with identical electrical and mechanical components. EMC Technologies Pty Ltd shall have no liability for any deductions, inferences or generalisations drawn by the client or others from EMC Technologies Pty Ltd issued reports. This report shall not be used to claim, constitute or imply product endorsement by EMC Technologies Pty Ltd.





# **REVISION TABLE**

Version	Sec/Para Changed	Change Made	Date
1		Initial issue of document	18/09/2023
2		Inclusion of Test set-up drawing in response to TCB	22/09/2023



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# **TEST CERTIFICATE**

Device: SMART BATTERY MONITOR

Model: SU6 Serial Number: S00937

Manufacturer: REDARC Technologies Pty Ltd

Radio: Bluetooth Low Energy (Nordic nRF52833)

FCC ID: 2BAH6-SU601 IC: 30290-SU601

Tested for: REDARC Technologies Pty Ltd

Address: 23 Brodie Rd, Lonsdale SA 5160, Australia

Contact: Aly Virani
Phone Number: +61 8 8322 4848
Email: avirani@redarc.com.au

Standard: FCC Part 15, Subpart C, Section 15.247 Operation within the bands

902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz

ISED RSS-247, Issue 2, Section 5 Standard specifications for frequency hopping systems and digital transmission systems operating in the bands 902-928 MHz, 2400-2483.5 MHz and 5725-

5850 MHz

Result: The SMART BATTERY MONITOR complied with the applicable

requirements of the above standards. Refer to Report M2302021-9 v2

for full details.

Test Date: 14-24 April 2023

Issue Date: 22 September 2023

Test Engineer: Ian Paul Ng

Attestation: I hereby certify that the device(s) described herein were tested as

described in this report and that the data included is that which was

obtained during such testing.

Authorised Signatory: Shabbir Ahmed Technical Director

Issued by: EMC Technologies Pty. Ltd.,

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# RADIO TEST REPORT

# 1 TEST SUMMARY

Sec.	Description	FCC	ISED	Result(s)
6.1	Antenna Requirement	§15.203	RSS-Gen 6.8	Complied
6.2	Restricted Bands of Operation	§15.205	RSS-Gen 8.10	Complied
6.3	Conducted Limits	§15.207	RSS-Gen 8.8	Not Applicable
6.4	Radiated emission limits; general requirements	§15.209	RSS-Gen 8.9	Complied
6.5	6 dB Bandwidth	§15.247(a)(2)	RSS-247 5.2(a)	Complied
6.6	Peak Output Power	§15.247(b)(3)	RSS-247 5.4(d)	Complied
6.7	Out-of-Band/Spurious Emissions	§15.247(d)	RSS-247 5.5	Complied
6.8	Band-Edge Emission Measurements	§15.247(d)	RSS-247 5.5	Complied
6.9	Power spectral density	§15.247(e)	RSS-247 5.2(b)	Complied
6.10	Maximum Permissible Exposure	§15.247(i)	RSS-102	Complied
6.11	Occupied Bandwidth – 99% power	§15.215	RSS-Gen 6.7	Complied

#### 2 TEST FACILITY

#### 2.1 General

EMC Technologies Pty Ltd is accredited by the FCC as a test laboratory able to perform compliance testing for the public. EMC Technologies Pty Ltd has also been designated as a Conformity Assessment Body (CAB) by Australian Communications and Media Authority (ACMA) under the APECTEL MRA and is designated to perform compliance testing on equipment subject to Declaration of Conformity (DoC) and Certification under Parts 15 and 18 of the FCC Commission's rules — **Registration Number 494713 & Designation number AU0001**.

EMC Technologies Pty Ltd is also an ISED Canada recognized testing laboratory – **ISED** company number: **3569B** and **CAB** identifier number: **AU0001**.

# 2.2 Test Laboratory/Accreditations

NATA is the Australian National laboratory accreditation body and has accredited EMC Technologies to operate to the IEC/ISO17025 requirements. A major requirement for accreditation is the assessment of the company and its personnel as being technically competent in testing to the standards. This requires fully documented test procedures, continued calibration of all equipment to the National Standard at the National Measurements Institute (NMI) and an internal quality system similar to ISO 9002. NATA has mutual recognition agreements with the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Association for Laboratory Accreditation (A<sup>2</sup>LA).

All testing in this report has been conducted in accordance with EMC Technologies' scope of NATA accreditation to ISO 17025 for both testing and calibration and ISO 17020 for Inspection – **Accreditation Number 5292**.

The current full scope of accreditation can be found on the NATA website: www.nata.com.au





#### 3 TEST EQUIPMENT CALIBRATION

Measurement instrumentation and transducers were calibrated in accordance with the applicable standards by an independent NATA registered laboratory such as Keysight Technologies (Australia) Pty Ltd or the National Measurement Institute (NMI) or in-house. All equipment calibration is traceable to Australian national standards at the National Measurements Institute.

Equipment Type	Make/Model/Serial Number	Last Cal. dd/mm/yyyy	Due Date dd/mm/yyyy	Cal. Interval
Chamber	Frankonia SAC-3-2 (R-144)	10/08/2020	10/08/2023	3 Year*1
<b>EMI Receiver</b> R&S ESW26 Sn: 101306 (R-143)		29/07/2022	29/07/2023	1 Year*²
	EMCO 6502 Active Loop Antenna Sn: 2021 (A-310)	20/09/2022	20/09/2024	2 Year*2
Antennas	SUNOL JB6 Sn. A012312 (A-363)	26/07/2022	26/07/2024	2 Year*2
	EMCO 3115 Horn Antenna Sn: 8908-3282 (A-004)	13/01/2022	13/01/2025	3 Year*1
	ETS-Lindgren 3160-09 Horn Antenr Sn: 66032 (A307)	30/04/2021	30/04/2024	3 Year*1
Cables* <sup>3</sup>	Huber & Suhner Sucoflex 104A Sn: 503061/4A (CL131123)	25/11/2022	25/11/2023	1 Year*1
Capies	Huber & Suhner Sucoflex 104A Sn: 27319 (C-273)	25/11/2022	25/11/2023	1 Year*1

Note \*1. Internal NATA calibration.

Note \*2. External NATA / A2LA calibration.

Note \*3. Cables are verified before measurements are taken.

#### 4 MEASUREMENT UNCERTAINTY

EMC Technologies has evaluated the equipment and the methods used to perform the emissions testing. The estimated measurement uncertainties for emissions tests shown within this report are as follows:

Radiated Emissions:	9 kHz to 30 MHz	±4.1 dB
	30 MHz to 300 MHz	±5.1 dB
	300 MHz to 1000 MHz	±4.7 dB
	1 GHz to 18 GHz	±4.6 dB
	18 GHz to 40 GHz	±4.6 dB
Peak Output Power:		±1.5 dB

The above expanded uncertainties are based on standard uncertainties multiplied by a coverage factor of k=2, providing a level of confidence of approximately 95%.

#### Application of measurement uncertainty for this report:

The referenced uncertainty standard specifies that determination of compliance shall be based on measurements <u>without</u> considering measurement instrumentation uncertainty. However, the measurement uncertainty shall appear in the test report.





#### 5 Device Details

(Information supplied by the Client)

The device is Smart battery monitoring system (SU6)

# 5.1 EUT (Transmitter) Details

Radio: Nordic Semiconductor nRF52833

**Type:** Bluetooth Low Energy (BLE)

Frequency band: 2402 – 2480 MHz

Number of Channels: 40

Low Channel: 2402 MHz

Operating Frequency: Mid Channel: 2440 MHz

High Channel: 2480 MHz

**Modulation:** Gaussian Frequency Shift Modulation (GFSK)

Nominal Bandwidth: 2 MHz

Data Rate: 2Mbit/s

Antenna: 2.4GHz SMT MID Chip Antenna

Molex 479480001 monopole

Antenna Peak Gain: 3.7 dBi

# 5.2 EUT (Host) Details

Test Sample: SMART BATTERY MONITOR

Model: SU6

Serial Number: S00937

Supply Rating: DC Input: 9-32V

# 5.3 Test Configuration

Testing was performed with the EUT's Transceiver set to transmit continuously at Low Channel (2402 MHz), Mid Channel (2440 MHz) and High Channel (2480 MHz).

#### 5.4 Modifications

No modifications were required to achieve compliance.

#### 5.5 Deviations from the Standard

No deviation from the standard.





#### 6 RESULTS

# 6.1 §15.203/ RSS-Gen 6.8 Antenna Requirement

The test sample's Bluetooth Transceiver incorporates a surface mount Antenna and cannot be replaced by another type.

**Antenna Brand:** Molex

Antenna Type: 2.4GHz SMT MID Chip Antenna (479480001)

Antenna Peak Gain: 3.7 dBi Connector: Not Applicable

The above installation will prevent any unauthorised switching of antennas.

# 6.2 §15.205/ RSS-Gen 8.10/ RSS-247 3.3 Restricted Bands of Operation

The provisions of the §15.205/ RSS-Gen 8.10/ RSS-247 3.3 restricted bands of operation and §15.209 radiated emissions limits have been met, refer to section 6.7

# 6.3 §15.207/ RSS-Gen 8.8 Conducted Limits

The device is battery DC powered and does not connect directly or indirectly to the AC mains network. Test was not applicable.

# 6.4 §15.209/ RSS-Gen 8.9 Radiated Emission Limits; General Requirements

The provisions of the §15.205/ RSS-Gen 8.10/ RSS-247 3.3 restricted bands of operation and §15.209/ RSS-Gen 8.9 radiated emissions limits have been met, refer to section 6.7

# 6.5 §15.247(a)(2)/ RSS-247 5.2(a) 6 dB bandwidth

#### 6.5.1 Test Procedure

The tests were performed in accordance with ANSI C63.10: 2013 Clause 11.8 DTS bandwidth.

The 6 dB bandwidth was measured while the device was transmitting with typical modulation applied. The resolution bandwidth of 100 kHz and the video bandwidth of 300 kHz were utilised when measuring the bandwidth.

#### **6.5.2 Limits**

In the band 2400-2483.5MHz, the minimum 6 dB bandwidth shall be at least 500 kHz.

#### 6.5.3 Results

Table 6-1: 6 dB Bandwidth

Frequency (MHz)	6 dB Bandwidth (kHz)	Limit (kHz)
2402	1183.8	≥ 500
2440	1123.9	≥ 500
2480	1178.8	≥ 500







14:35:01 17.04.2023

Graph 6-1: 6 dB bandwidth, 2402 MHz



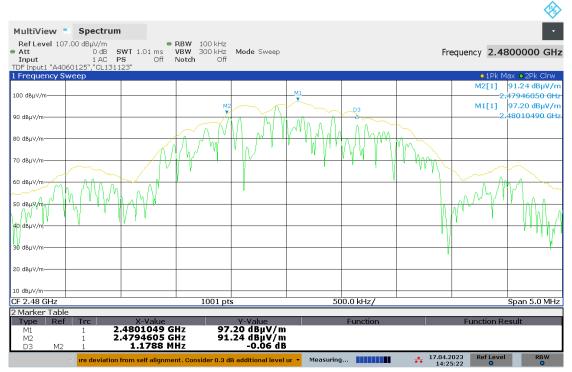
14:29:50 17.04.2023

Graph 6-2: 6 dB bandwidth, 2440 MHz



This document shall not be reproduced except in full.





14:25:23 17.04.2023

Graph 6-3: 6 dB bandwidth, 2480 MHz

# 6.6 §15.247(b)(3)/ RSS-247 5.4(d) Peak Output Power

#### 6.6.1 Test Procedure

The maximum peak conducted output power was measured in accordance with ANSI C63.10: 2013 clause 11.9.1.1.

#### **6.6.2 Limits**

The maximum peak conducted output power at 2400-2483.5 MHz is 1 Watt or 30 dBm.

#### 6.6.3 Results

Table 6-2: Maximum peak power

Freq. (MHz)	E-Field @ 3 m (dBμV/m)	EIRP (dBm)	Antenna Gain (dBi)	Equivalent Conducted Output Power (dBm)	Limit (dBm)	Results
2402	99.80	4.57	3.7	0.87	30	Complied
2440	99.73	4.50	3.7	0.80	30	Complied
2480	99.04	3.81	3.7	0.11	30	Complied

The measured radiated field strength is converted to equivalent conducted output power for checking compliance (KDB 558074 D01 Section 3).







13:49:50 17.04.2023

Graph 6-4: Maximum EIRP, 2402 MHz



14:00:19 17.04.2023

Graph 6-5: Maximum EIRP, 2440 MHz







13:51:56 17.04.2023

Graph 6-6: Maximum EIRP, 2480MHz

# 6.7 §15.247(d)/ RSS-247 5.5 Out-of-Band/Spurious Emissions

#### 6.7.1 Test procedure

Radiated out-of-band/spurious emissions measurements were performed in a semi-anechoic chamber compliant with ANSI C63.4: 2014.

The test frequency range was sub-divided into smaller bands with the defined resolution bandwidths to permit reliable display and identification of emissions.

Frequency range (MHz)	Measurement Bandwidth (kHz)	Measurement Distance (m)	Antenna
0.009 to 0.150	0.2	3	0.6 metre leen entenne
0.150 to 30	9	3	0.6 metre loop antenna
30 to 1000	120	3	Biconilog hybrid
1000 to 18 000	1000	3	Standard gain or broadband
18 000 to 40 000	1000	1	horn

EUT was set at a height of 0.8 m for measurements below 1000 MHz and set at a height of 1.5 m for measurements above 1000 MHz.

The sample was slowly rotated with the spectrum analyser set to Max-Hold. This was performed for at least two antenna heights. When an emission was located, it was positively identified, and its maximum level was found by rotating the automated turntable and by varying the antenna height. For below 1000 MHz the emissions were measured with a Quasi-Peak detector, and for above 1000 MHz the emissions were measured with Peak and Average detectors.

Measurements on the worst axis are presented.

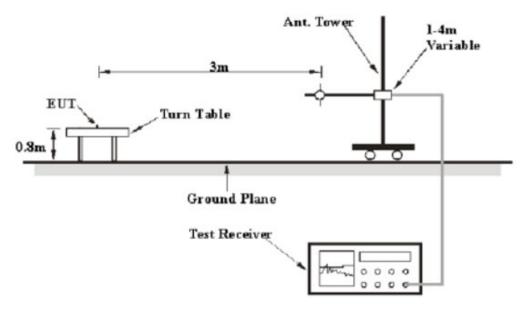




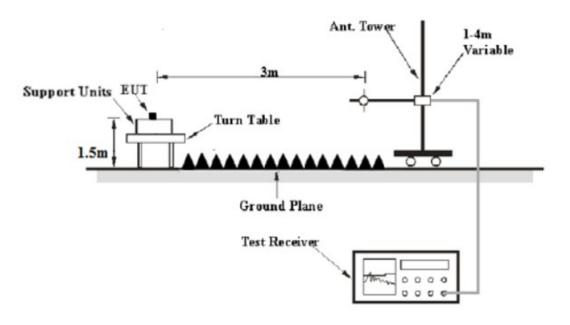
The measurement data for each frequency range was corrected for cable losses, antenna factors and preamplifier gain. This process was performed for both horizontal and vertical polarisations of the measurement antenna.

# 6.7.2 Test setup

# Below 1 GHz:



# Above 1GHz:





#### 6.7.3 Evaluation of field strength

Field strengths were calculated automatically by the software using pre-stored calibration data. The method of calculation is shown below:

$$E = V + AF - G + L$$

Where: E = Radiated Field Strength in  $dB_{\mu}V/m$ .

V = EMI Receiver Voltage in  $dB\mu V$ .

AF = Antenna Factor in dB/m (stored as a data array).

G = Preamplifier Gain in dB (stored as a data array).

L = Cable loss in dB (stored as a data array of Insertion Loss versus frequency).

# **6.7.4 Limits**

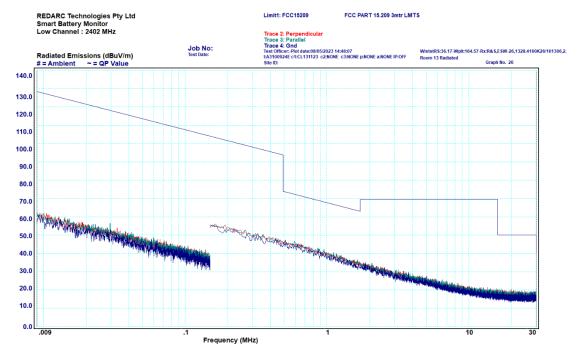
The limit applied is in accordance with the out-of-band/spurious emissions limit defined in §15.247(d).

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.

The in-band peak PSD in 100 kHz bandwidth were measured on all three channels. The maximum PSD level was used to establish the limit. However, the general limits of §15.209 apply for the restricted bands of operation defined in §15.205.

#### 6.7.5 Transmitter Spurious Emissions: 9 kHz to 30 MHz

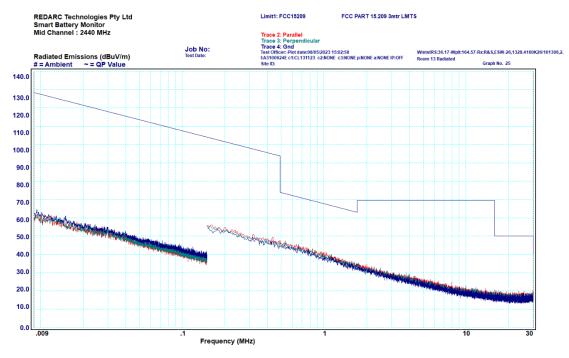
All emissions measured in the frequency band 9kHz - 30MHz complied with the requirements of the standard.



Graph 6-7: Transmitter Spurious Emissions, 9 kHz - 30 MHz, 2402 MHz

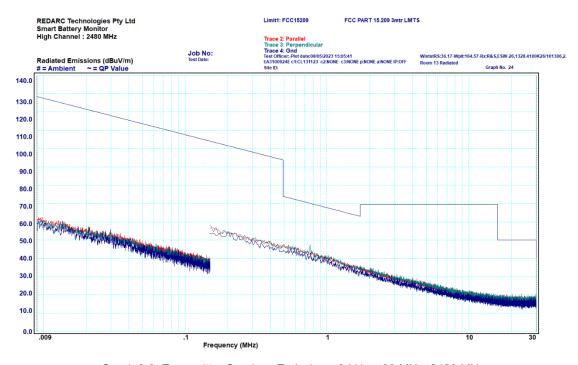






Graph 6-8: Transmitter Spurious Emissions, 9 kHz - 30 MHz, 2440 MHz

No peaks were measured within 10 dB of the limit.

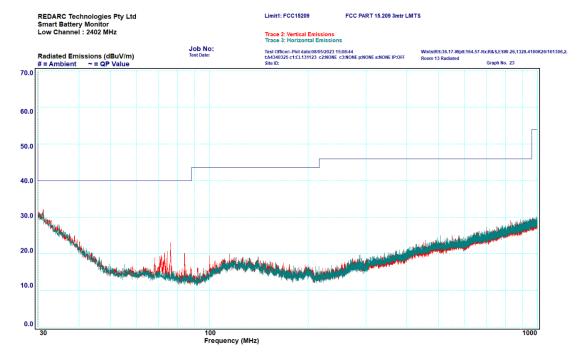


Graph 6-9: Transmitter Spurious Emissions, 9 kHz - 30 MHz, 2480 MHz



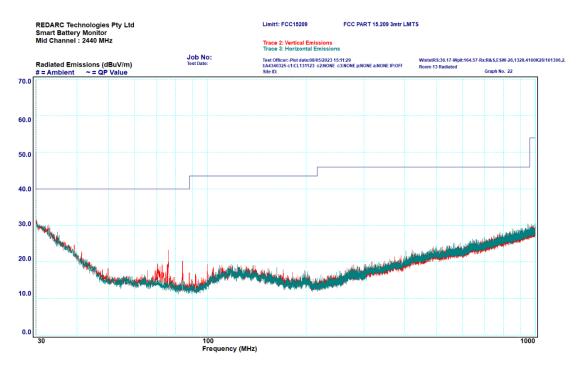
# 6.7.6 Transmitter Spurious Emissions: 30 - 1000 MHz

All emissions measured in the frequency band 30 - 1000 MHz complied with the requirements of the standard.



Graph 6-10: Transmitter Spurious Emissions, 30 – 1000 MHz, 2402 MHz

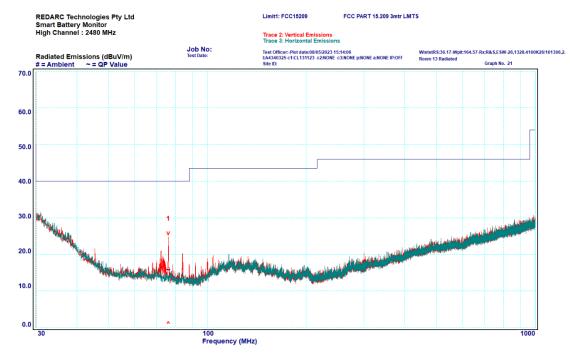
No peaks were measured within 10 dB of the limit.



Graph 6-11: Transmitter Spurious Emissions, 30 - 1000 MHz, 2440 MHz







Graph 6-12: Transmitter Spurious Emissions, 30 - 1000 MHz, 2480 MHz

Table 6-3: Transmitter Spurious Emissions, 30 – 1000 MHz, 2480 MHz

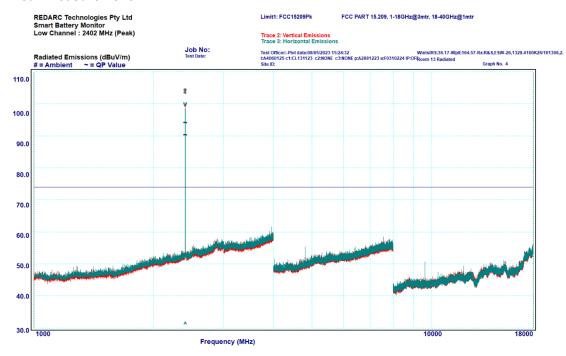
	Eroguanav		(	Quasi-Peak	
Peak	Frequency (MHz)	Polarisation	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1	76	Vertical	16.3	40	-23.7



# 6.7.7 Transmitter Spurious Emissions: 1 - 18 GHz

All emissions measured in the frequency band 1 - 18 GHz complied with the requirements of the standard.

#### **Peak Measurement:**

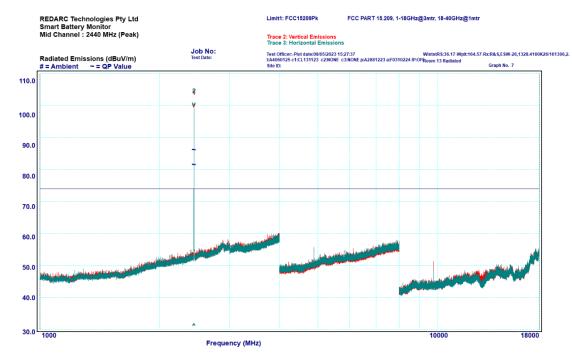


Graph 6-13: Transmitter Spurious Emissions, 1 - 18 GHz, 2402 MHz, Peak

Table 6-4: Transmitter Spurious Emissions, 1 – 18 GHz, 2402 MHz, Peak

		Eroguanav			Peak	
Pea	ık	Frequency (MHz)	Polarisation	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1*		2401.64	Vertical	N/A	N/A	N/A
2*		2401.61	Horizontal	N/A	N/A	N/A





Graph 6-14: Transmitter Spurious Emissions, 1 – 18 GHz, 2440 MHz, Peak

Table 6-5: Transmitter Spurious Emissions, 1 – 18 GHz, 2440 MHz, Peak

		F			Peak	
	Peak	Frequency (MHz)	Polarisation	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
Γ	1*	2439.61	Vertical	N/A	N/A	N/A
	2*	2440.56	Horizontal	N/A	N/A	N/A





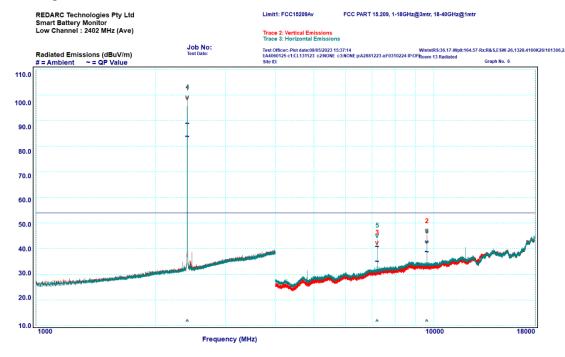
Graph 6-15: Transmitter Spurious Emissions, 1 – 18 GHz, 2480 MHz, Peak

Table 6-6: Transmitter Spurious Emissions, 1 – 18 GHz, 2480 MHz, Peak

	Eroguenov				Peak		
	Peak	Frequency (MHz)	Polarisation	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)	
	1*	2480.59	Vertical	N/A	N/A	N/A	
Γ	2*	2480.60	Horizontal	N/A	N/A	N/A	



# **Average Measurement:**

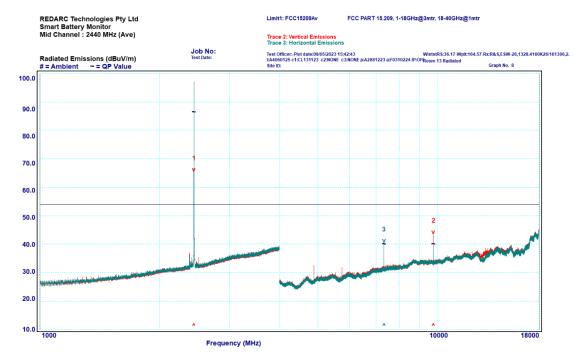


Graph 6-16: Transmitter Spurious Emissions, 1 – 18 GHz, 2402 MHz, Average

Table 6-7: Transmitter Spurious Emissions, 1 – 18 GHz, 2402 MHz, Average

	Eroguenov		Average		
Peak	Frequency (MHz)	Polarisation	Level (dBμV/m)	BμV/m) (dBμV/m)	
1*	2402.15	Vertical	N/A	N/A	N/A
2	9606.33	Vertical	43	54	-11
3	7206.93	Vertical	35.4	54	-18.6
4*	2402.16	Horizontal	N/A	N/A	N/A
5	7207.34	Horizontal	41.3	54	-12.7
6	9606.45	Horizontal	39.2	54	-14.8



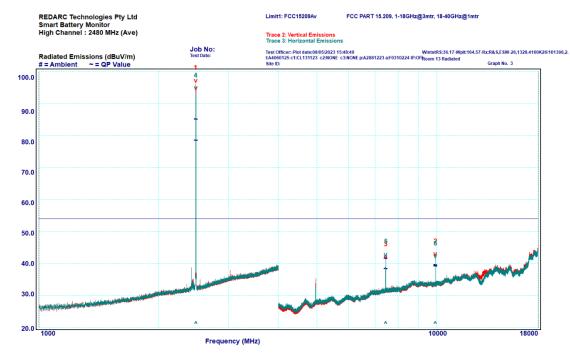


Graph 6-17: Transmitter Spurious Emissions, 1 – 18 GHz, 2440 MHz, Average

Table 6-8: Transmitter Spurious Emissions, 1 – 18 GHz, 2440 MHz, Average

	Eroguenev		Average		
Peak	Frequency (MHz)	Polarisation	Level (dBμV/m)	Limit (dBμV/m)	Margin (dB)
1*	2440.21	Vertical	86.9	54	32.9
2	9758.3	Vertical	40.5	54	-13.5
3	7321.33	Horizontal	40.4	54	-13.6





Graph 6-18: Transmitter Spurious Emissions, 1 – 18 GHz, 2480 MHz, Average

Table 6-9: Transmitter Spurious Emissions, 1 – 18 GHz, 2480 MHz, Average

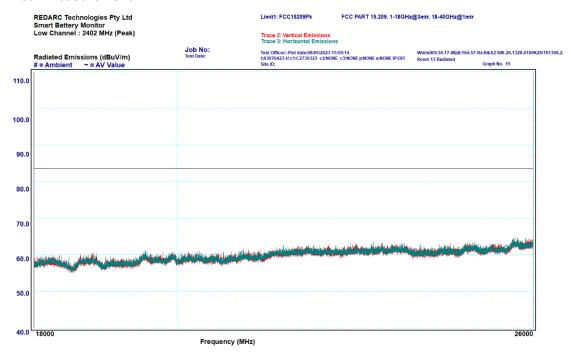
	Eroguanav				
Peak	Frequency (MHz)	Polarisation	Level	Limit	Margin
	(		$(dB\mu V/m)$ $(dB\mu V/m)$		(dB)
1*	2480.19	Vertical	N/A	N/A	N/A
2	9922.37	Vertical	40	54	-14
3	7441.69	Vertical	38.8	54	-15.2
4*	2480.18	Horizontal	N/A	N/A	N/A
5	7441.6	Horizontal	42.1	54	-11.9
6	9922.28	Horizontal	39.6	54	-14.4



# 6.7.8 Transmitter Spurious Emissions: 18 - 26 GHz

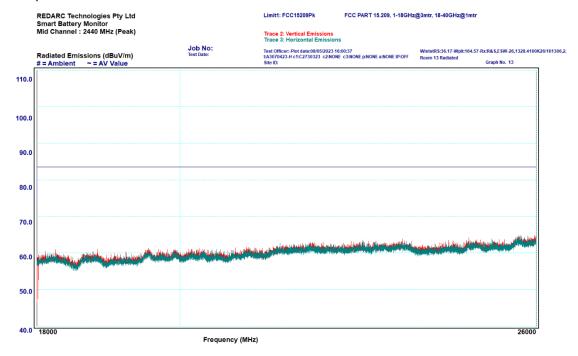
All emissions measured in the frequency band 18 - 26 GHz complied with the requirements of the standard.

#### **Peak Measurement:**



Graph 6-19: Transmitter Spurious Emissions, 18 - 26 GHz, 2402 MHz, Peak

No peaks were measured within 10 dB of the limit.



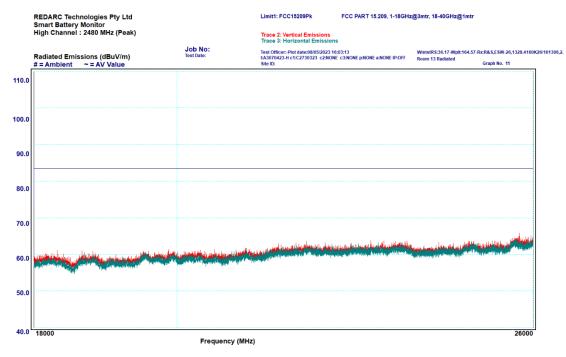
Graph 6-20: Transmitter Spurious Emissions, 18 – 26 GHz, 2440 MHz, Peak

No peaks were measured within 10 dB of the limit.



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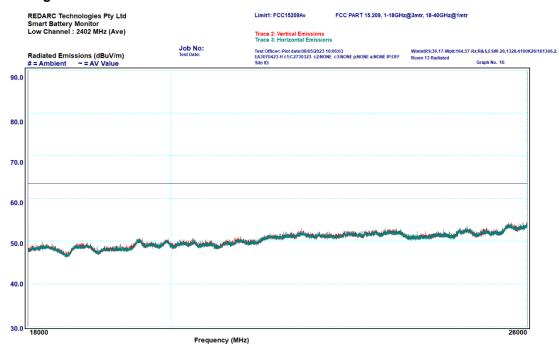




Graph 6-21: Transmitter Spurious Emissions, 18 – 26 GHz, 2480 MHz, Peak

No peaks were measured within 10 dB of the limit.

#### **Average Measurement:**



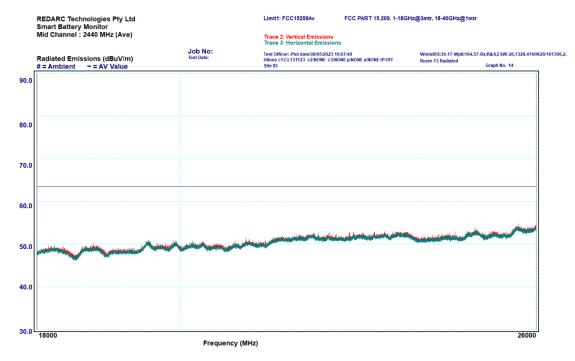
Graph 6-22: Transmitter Spurious Emissions, 18 – 26 GHz, 2402 MHz, Average

No peaks were measured within 10 dB of the limit.



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Graph 6-23: Transmitter Spurious Emissions, 18 – 26 GHz, 2440 MHz, Average

No peaks were measured within 10 dB of the limit.



Graph 6-24: Transmitter Spurious Emissions, 18 - 26 GHz, 2480 MHz, Average





# 6.8 §15.247(d)/ RSS-247 5.5 Band Edge Emission Measurements

Band-edge radiated measurements were done in accordance with ANSI C63.10 clause 6.10. All emissions measured near the lower and higher band edge complied with the requirements of §15.247/ RSS-247 5.0.



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Graph 6-25: Band Edge Emission, Lower Band-edge

Table 6-10: Band Edge Emission, Lower Band-edge

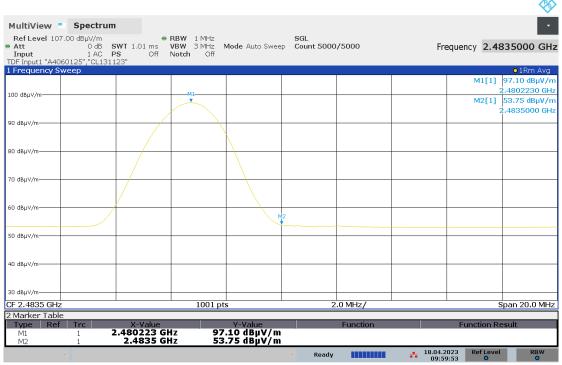
Measurement	Freq	Measurement	Limit	Result
Type	(MHz)	(dBμV/m)	(dB <sub>µ</sub> V/m)	
Peak	2400	64 22	74	Complied





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Graph 6-26: Band Edge Emission, Upper Band-edge, Peak



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Graph 6-27: Band Edge Emission, Upper Band-edge, Average

Table 6-11: Band Edge Emission, Upper Band-edge

Measurement Type	Freq (MHz)	Measurement (dBμV/m)	Limit (dBμV/m)	Result
Peak	2483.5	63.80	74	Complied
Average	2483.5	53.75	54	Complied



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# 6.9 §15.247(e)/ RSS-247 5.2(b) Power Spectral Density

# 6.9.1 Test procedure

Maximum power spectral density level in the fundamental emission was measured in accordance with ANSI C63.10: 2013 Clause 11.10

#### **6.9.2 Limits**

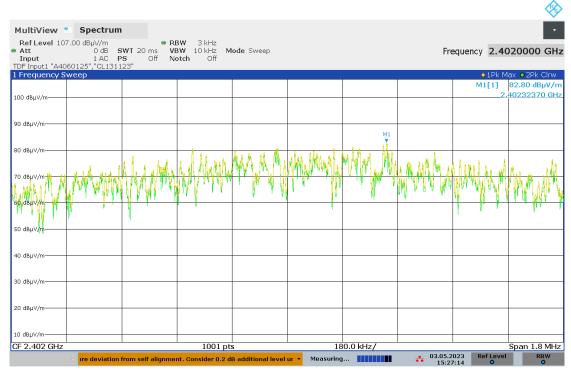
The maximum peak conducted power spectral density (PSD) is 8 dBm per 3 kHz.

#### 6.9.3 Results

Table 6-12: Power spectral density

Freq. (MHz)	E-Field @ 3 m (dBμV/m)	EIRP (dBm)	Antenna Gain (dBi)	Equivalent Conducted Output PSD (dBm)	Limit (dBm)	Results
2402	82.80	-12.43	3.7	-16.13	8	Complied
2440	82.88	-12.35	3.7	-16.05	8	Complied
2480	82.80	-12.43	3.7	-16.13	8	Complied

The measured radiated field strength is converted to equivalent conducted output power for checking compliance (KDB 558074 D01 Section 3).

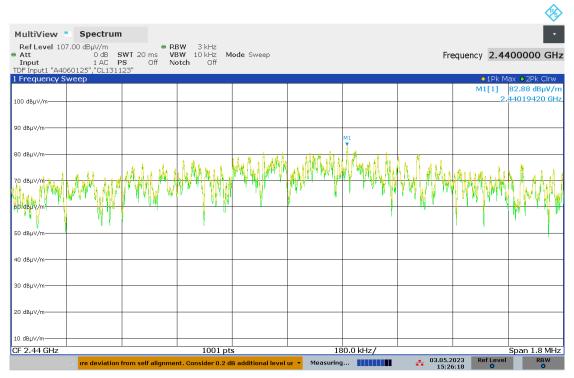


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Graph 6-28: Radiated - Power Spectral Density, 2402 MHz







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Graph 6-29: Radiated - Power Spectral Density, 2440 MHz



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Graph 6-30: Radiated - Power Spectral Density, 2480 MHz





# 6.10 §15.247(i)/ RSS-Gen 3.4/RSS-102 Maximum Permissible Exposure

The EUT complied with the applicable maximum permissible exposure levels. Refer to EMC Technologies report M2302021-5 and M2302021-6.

# 6.11 §15.215/ RSS-Gen 6.7 Occupied Bandwidth - 99% power

# 6.11.1 Test procedure

The bandwidth containing 99% power of the transmitted signal was measured using the procedure from ANSI C63.10 section 6.9.

#### **6.11.2 Limits**

The 99% power should be contained within the frequency band 2400 – 2483.5 MHz.

#### 6.11.3 Results

Table 6-13: Occupied Bandwidth

Freq. (MHz)	99% Bandwidth (MHz)	Lower Frequency (MHz)	Upper Frequency (MHz)	Result
2402	2.0976	2401.037	2403.135	Complied
2440	2.1093	2439.323	2441.141	Complied
2480	2.0994	2479.025	2481.125	Complied



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Graph 6-31: Occupied bandwidth, 2402 MHz







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Graph 6-32: Occupied bandwidth, 2440 MHz



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Graph 6-33: Occupied bandwidth, 2480 MHz

#### **END OF REPORT**



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