

**ELECTRO MAGNETIC TEST, INC.**

1547 Plymouth Street, Mountain View, CA 94043 Tel: (650) 965-4000 Fax: (650) 965-3000

*FCC PART 15.247, 15.407, SUBPART C
IC RSS-247
TEST REPORT*

*for**the*

SkydioLink Dual Band Module

Model: SMODBV1

Prepared for

Skydio, Inc.
114 Hazel Avenue
Redwood City, California, 94061

Prepared by: 
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Approved by: 
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Electro Magnetic Test, Inc.
1547 Plymouth Street
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Issued Date: June 12, 2022

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	REPORT BODY	APPENDICES				TOTAL
		A	B	C	D	
PAGES	37	420	3	2	3	465

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REVISION HISTORY

REVISION	DATE	COMMENTS	MODIFIED BY
0	June 12, 2022	Original Document	-
1	July 7, 2022	Corrected FCC ID, updated report with band edge plots	KB



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GENERAL REPORT SUMMARY

This electromagnetic emission test report is generated by Electro Magnetic Test, Inc., which is an independent testing and consulting firm. The test report is based on testing performed Electro Magnetic Test, Inc. personnel according to the measurement procedure described in the test specification given below and in the "Test Procedures" section of this report.

The measurement data and conclusions appearing herein relate only to the sample tested and this report may not be reproduced in any form unless done so in full.

This report must not be used to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Federal Government.

Electro Magnetic Test, Inc. is recognized by the following agencies for performing EMI/EMC testing:

COUNTRY	AGENCY	IDENTIFYING #
USA	Federal Communications Commission (FCC) (EMT's test site is recognized by the FCC)	Registration Number: US5352
USA, Canada, Taiwan, Australia/New Zealand, European Community	National Voluntary Lab Accreditation Program (NVLAP) (EMT is accredited by NVLAP. A copy of the NVLAP Scope Of Accreditation is available upon request.)	Lab Code: 200147-0
Canada	Industry Canada	File No.: IC 2804A
Japan	Voluntary Control Council For Interference (VCCI)	A-0118
	Open Field Test Site "A"	-
	Mains Conducted Emissions Test Site "D"	-
	Telecom Conducted Emissions Test Site "D"	-
	3 Meter Semi-Anechoic Chamber Site "E"	-
	3 Meter Semi-Anechoic Chamber Site "E" (1GHz – 6GHz)	-
	Mains Conducted missions Test Site "E"	-
	Telecom Conducted Emissions Test Site "E"	-
Korea	Ministry of Information and Communication's Radio Research Laboratory (RRL) under the Asia Pacific Economic Cooperation (APEC) Mutual Recognition Arrangement (A copy of the Scope Of Accreditation is available upon request)	US0036
Taiwan	Bureau Of Standards, Metrology and Inspection (BSMI)	Reference Number: SL2-IN-E-1024
Australia / New Zealand	Australian Communications Authority (AUSTEL)	*

*These agencies do not issue an identifying number to test labs.



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GENERAL REPORT SUMMARY (CONTINUED)

Device Tested: SkydioLink Dual Band Module
Model: SMODBV1
S/N: N/A

Product Description: The SkydioLink Dual Band Module is a WiFi module to be used in the Skydio line of products.

Modifications: The EUT was not modified during the testing.

Manufacturer: Skydio, Inc.
114 Hazel Avenue
Redwood City, California, 94061

Test Date(s): May 28, 31, June 1, 2, 3, 6, 7, 8, 9, 10, 11, 12 2022

Test Specifications: EMI requirements
Limits: CISPR 22: 1997 plus A1:2000 & A2:2002 Class B
FCC Title 47, Part 15 Subpart B, Class B
FCC Title 47, Part 15 Subpart C
RSS-GEN Issue 5
RSS 247 Issue 2
Test Procedure: ANSI C63.10: 2013

Test Deviations: The test procedure was not deviated from during the testing.

SUMMARY OF TEST RESULTS

TEST	DESCRIPTION	FCC STANDARD	IC STANDARD	RESULTS
7.1	Emissions in Restricted and Non-Restricted Bands	15.209, 15.247, 15.247(d)	RSS-GEN Issue 5, [8.9] RSS 247 Issue 2, [5.5]:	PASS
7.2	Conducted Emissions	15.207(a)	RSS-GEN Issue 5 [8.8]	PASS
7.3	Occupied Bandwidth	15.247(a)(2), 15.407(e)	RSS 247 Issue 2, [5.2.1, 6.2.4.1]	PASS
7.4	Maximum Peak Output Power	15.247 (b), 15.407(a)(1)(iv), 15.407(a)(3)	RSS 247 Issue 2, [5.4.4]	PASS
7.5	Maximum Peak Power Spectral Density	15.247(e), 15.407(a)(1)(iv), 15.407(a)(3)	RSS 247 Issue 2, [5.2.2]	PASS
7.6	Antenna Requirement	15.203, 15.247(b)(4)), 15.407(a)(1)(iv), 15.407(a)(2)	N/A	PASS
7.7	FHSS Requirements	15.247(a), 15.247(b)(1), and 15.247(b)(2)	RSS 247 Issue 2, [5.1, 5.4(b)]	N/A, EUT is not a FHS
7.8	Safety Requirements	15.407(c), 15.407(h), 15.407(a)(1)(iv)	N/A	PASS
7.9	Frequency Stability	15.407(g)	N/A	PASS



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TECHNICAL DESCRIPTION OF THE EUT

Manufacturer:		Skydio, Inc.	
Manufacturer Address:		114 Hazel Avenue Redwood City, California, 94061	
EUT Name:		SkydioLink Dual Band Module	
Model No:		Model: SMODBV1	
Operation frequency:		2412 to 2462 MHz, 5170 to 5240 MHz, 5730 to 5825 MHz	
Channel Number:		11, 8, 10	
Modulation Technology:		DSSS (WiFi), OFDM (WiFi)	
Antenna Type:		Dipole	
Antenna Gain:		6.12, 6.9, 4.9, 7.8dBi	
Maximum Output Power:		29.88dBm (2.4GHz), 29.04dBm (UNII-1), 29.75 (UNII-3)	
Description of Channel:			
WiFi 802.11(a/g/n/ac) (5, 10, 20, 40MHz)			
Frequency (MHz)	Frequency (MHz)	Frequency (MHz)	Frequency (MHz)
2412	2417	2422	2427
2432	2437	2442	2447
2457	2452	2462	
5170	5180	5190	5200
5210	5220	5230	5240
5730	5745	5755	5765
5775	5785	5795	5805
5815	5825		

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1. PURPOSE

This document is a qualification test report based on the Electromagnetic Interference (EMI) tests performed on the SkydioLink Dual Band Module Model: SMODBV1. The EMI measurements were performed according to the measurement procedure described in ANSI C63.10-2013. The tests were performed in order to determine whether the electromagnetic emissions from the equipment under test, referred to as EUT hereafter, are within the specification limits defined in FCC Title 47, Part 15, Subpart C and IC RSS 247, Issue 2.

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2. ADMINISTRATIVE DATA

2.1 Location of Testing

The EMI tests described herein were performed at the test facility of Electro Magnetic Test, Inc., 1547 Plymouth Street, Mountain View, California, 94043.

2.2 Traceability Statement

The calibration certificates of all test equipment used during the test are on file at the location of the test. The measurement results in this report and the calibration of the test equipment are traceable to the National Institute of Standards and Technology (NIST).

2.3 Cognizant Personnel

Skydio, Inc.

Joe Marcinkowski Engineering Program Manager

Electro Magnetic Test, Inc.

Andreas Davidsson Test Technician

Chinmay Shendurnikar Test Technician

David Vivanco Test Technician

Simeet Gandhi Test Technician

Manan Modi Test Technician

Kevin Bothmann Lab Manager

2.4 Date Test Sample was Received

The test sample was received on May 28, 2022.

2.5 Disposition of the Test Sample

The test sample has not yet been returned to Skydio, Inc.

2.6 Abbreviations and Acronyms

The following abbreviations and acronyms may be used in this document.

RF	Radio Frequency
EMI	Electromagnetic Interference
EUT	Equipment Under Test
P/N	Part Number
S/N	Serial Number
HP	Hewlett Packard
ITE	Information Technology Equipment
CML	Corrected Meter Limit
LISN	Line Impedance Stabilization Network
CISPR	International Special Committee On Radio Interference
FCC	Federal Communications Commission

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3. APPLICABLE DOCUMENTS

The following documents are referenced or used in the preparation of this EMI Test Report.

SPEC	TITLE
RSS-Gen Issue 5, April 2018	General Requirements for Compliance of Radio Apparatus
RSS 247, Issue 2, February 2017	Digital Transmission Systems (DTSs), Frequency Hopping Systems (FHSs) and Licence-Exempt Local Area Network (LE-LAN) Devices
FCC Title 47, Part 15, Subpart C	FCC Rules - Radio frequency devices (including digital devices).
FCC Publication KDB558074	Guidance for compliance measurements on digital transmission system, frequency hopping spread spectrum system, and hybrid system devices operating under section 15.247 of the fcc rules, August 24, 2018
ANSI C63.10-2013	American National Standard of Procedures for Compliance Testing of Unlicensed Wireless Devices.

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4. DESCRIPTION OF TEST CONFIGURATION

4.1 Description of Test Configuration - EMI

The SkydioLink Dual Band Module was connected to the DC power supply through its positive and negative leads. During testing the radio was continuously transmitting and the SkydioLink Dual Band Module was tested in its worst case orientation

Radio was controlled via an Ethernet connection between the EUT and a Laptop outside the chamber, which was sending commands to the EUT via Qualcomm Radio Control Tool. Maximum input power that was set was 19.5, 17.5, and 22.5dB for WiFi 2.4GHz, UNII-1 and UNII 3 respectively.

The EUT was tested in three physical configurations across all modes, flat, vertical with antenna facing upwards, and vertical with antenna facing downwards. The flat orientation was found to have the highest intentional and unintentional emissions.

It was determined that the emissions were at their highest level when the EUT was operating in the above configuration. The cables were moved to maximize the emissions. The final conducted as well as radiated data was taken in this mode of operation. All initial investigations were performed with the EMI receiver in manual mode scanning the frequency range continuously.

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4.1.1**Cable Construction and Termination**Cable #1

This is a 3.5 ft. unshielded power cable connecting the EUT to the DC Generator. It has a positive and negative lead power connector on the both ends of the cable.

Cable #2

This is a 6 ft. unshielded Cat 6 cable connecting the EUT to the laptop. It has an USB type C connector on both ends of the cable.

Cable #3

This is an unshielded power cable connecting the DC Generator power supply into a power outlet.

Cable #4

This is an unshielded power cable connecting the fan into a power outlet.

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5. LISTS OF EUT, ACCESSORIES AND TEST EQUIPMENT

5.1 EUT and Accessory List

EQUIPMENT TYPE	MANUFACTURER	MODEL	SERIAL NUMBER	FCC ID
SkydioLink Dual Band Module (EUT)	Skydio, Inc.	SMODBV1	N/A	2ATQRSM ODBV1
DC Generator	HP	6012A	135373	DoC
THE FOLLOWING WERE LOCATED OUTSIDE THE TEST SITE:				
Laptop	Toshiba	PORTEGE R835-ST6N02	1C094689H	DoC
Laptop Power Supply	Toshiba	PA3822U-1ACA	200140618512947	DoC



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5.2 EMI Test Equipment

EQUIPMENT TYPE	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
EMI Receiver	Rohde & Schwarz	ESU40	100295	February 23, 2022	1 Year
Radiated EMI Software	Sector Design	N/A	Ver.1.4.6	N/A	N/A
EMI Receiver (Conducted EMI)	Rohde & Schwarz	ESU40	100295	February 23, 2022	1 Year
Conducted EMI Software	ETS-Lindgren	Tile!	Rev. 7.0.12.697	N/A	N/A
Preamplifier	Hewlett Packard	8447D	1937A02579	March 5, 2022	1 Year
RF Attenuator	Com-Power	LIT-153A	531175	December 17, 2021	1 Year
LISN	Solar Electronics	Type 21107-50-TS-50-N	21107150701	June 15, 2021	1 Year
LISN	Solar Electronics	Type 21107-50-TS-50-N	21107150702	June 15, 2021	1 Year
LISN	Solar Electronics	Type 21107-50-TS-50-N	21107150703	June 15, 2021	1 Year
LISN	Solar Electronics	Type 21107-50-TS-50-N	21107150704	June 15, 2021	1 Year
Biconical Antenna	Com Power	AB-100	01557	March 2, 2022	1 Year
Log Periodic Antenna	Com Power	AL-100	16001	March 3, 2022	1 Year
Antenna Mast	Com Power	AM-400	N/A	N/A	N/A
Turntable	Com Power	TT-100	N/A	N/A	N/A
Computer	Dell, Inc.	DHS	DNSV641	N/A	N/A
Printer	Hewlett Packard	C8124A	CN39A220ZD	N/A	N/A


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5.2 EMI Test Equipment (Continued)

EQUIPMENT TYPE	MANUFACTURER	MODEL NUMBER	SERIAL NUMBER	CAL. DATE	CAL. CYCLE
EMI Receiver	Rohde & Schwarz	ESU40	100127	February 23, 2022	1 Year
EMI Test Software	Rohde & Schwarz	EMC32	V8.54.0	N/A	N/A
BiConiLog Antenna	ETS-Lindgren	3143B	00206757	February 2, 2022	1 Year
Horn Antenna (1-18GHz)	ETS-Lindgren	3117	00109294	February 2, 2022	1 Year
Horn Antenna (18-26.5GHz)	ETS-Lindgren	3160-09	102646	August 13, 2021	1 Year
Horn Antenna (26.5-40GHz)	ETS-Lindgren	3160-10	109153	August 13, 2021	1 Year
Preamplifier (1-18GHz)	Rohde & Schwarz	TS-PR18	100056	December 17, 2021	1 Year
Preamplifier (18-26.5GHz)	Rohde & Schwarz	TS-PR26	100034	August 12, 2021	1 Year
Preamplifier (26.5-40GHz)	Rohde & Schwarz	TS-PR40	100030	August 12, 2021	1 Year
Antenna Mast	ETS-Lindgren	2171B	00150364	N/A	N/A
Turntable	ETS-Lindgren	2187-3.0	00118231	N/A	N/A
Computer	Dell, Inc.	Precision Tower 3620	GPQCDH2	N/A	N/A
Multi-Function Controller	ETS-Lindgren	2090	00102270	N/A	N/A

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6. TEST SITE DESCRIPTION

6.1 Test Facility Description

Please refer to the table below and section 7.1 of this report for the details of which sites were used for testing. All sites are located at 1547 Plymouth Street, Mountain View, California 94043.

Site Used For Test	Site Description
	Open Field Test Site "A"
X	Mains Conducted Emissions Test Site "D"
	Telecom Conducted Emissions Test Site "D"
X	3 Meter Semi-Anechoic Chamber Site "E"
	Mains Conducted Emissions Test Site "E"
	Telecom Conducted Emissions Test Site "E"

6.2 EUT Mounting, Bonding and Grounding

The EUT was mounted on a 1.0 by 1.5 meter non-conductive table 0.8 meters above the ground plane for all tests not including radiated measurements above 1GHz.

For radiated measurements above 1GHz the EUT was mounted on a 0.7 meter non-conductive hollow cube that was placed on a 1.0 by 1.5 meter table 0.8 meters above the ground plane with a total height of 1.5 meters.

The EUT was not grounded.

6.3 Facility Environmental Characteristics

All tests were performed in a climate-controlled building. The temperature was 24° C, humidity 45%, and barometric pressure 101.6 kPa.



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7. TEST PROCEDURES

The following sections describe the test methods and the specifications for the tests.

7.1 Emissions in Restricted and Non-Restricted Bands

7.1.1 General Requirements Limit (FCC PART 15 Section 15.209(a)(1), IC-RSS-GEN Issue 5, [8.9])

Frequency of Emission (MHz)	Field Strength		Measurement Distance (Meters)
	$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$	
0.009-0.49	2400/F(kHz)		300
0.49-1.705	24000/F(kHz)		30
1.705-30	30		30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

7.1.2 Emissions in Restricted and Non-Restricted Bands Limit (FCC PART 15 Section 15.247(d), 15.407, IC RSS-GEN Issue 5, [8.10], IC-RSS 247 Issue 2, [5.5])

Emissions in Restricted and Non-Restricted Bands FCC PART 15 Section 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 Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).



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7.1.2

Emissions in Restricted and Non-Restricted Bands Limit (FCC PART 15 Section 15.247(d), IC-RSS-GEN Issue 5, [8.10], IC-RSS 247 Issue 2, [5.5]) (Continued)

Emissions in Restricted Bands IC-RSS-GEN Issue 5, [8.10]:

Restricted bands, identified in Table 6, are designated primarily for safety-of-life services (distress calling and certain aeronautical bands), certain satellite downlinks, radio astronomy and some government uses. Except where otherwise indicated, the following restrictions apply:

- (a) Fundamental components of modulation of licence-exempt radio apparatus shall not fall within the restricted bands of Table 6 except for apparatus complying under RSS-287
- (b) Unwanted emissions that fall into restricted bands of Table 6 shall comply with the limits specified in RSS-Gen; and
- (c) Unwanted emissions that do not fall within the restricted frequency bands of Table 6 shall comply either with the limits specified in the applicable RSS or with those specified in this RSS-Gen.

Limit (For Restricted Bands)
See General Limits Requirement In Above Chart (Section 7.1.1)

Emissions in Non-Restricted Bands IC-RSS 247 Issue 2, [5.5]:

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.

Limit (For Non Restricted Bands)
20db Below Peak Power Spectral Density
30db Below Average Power Spectral Density

Emissions in Restricted and Non-Restricted Bands FCC PART 15 Section 15.407(b(1)):

For transmitters operating in the 5.15-5.25 GHz band: All emissions outside of the 5.15-5.35 GHz band shall not exceed an e.i.r.p. of -27 dBm/MHz.

Emissions in Restricted and Non-Restricted Bands FCC PART 15 Section 15.407(b(4(i))):

All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

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7.1.3 Test Procedure (Radiated)

The Rohde & Schwarz ESU40 EMI receiver was used as a measuring meter while under software control by the Rohde & Schwarz EMC32 software. To increase the sensitivity of the instrument, the built in preamplifier was used from 9 KHz to 1 GHz and an external preamplifier was used from 1 GHz to 26.5 GHz. The EMI receiver was used in the peak detect mode with the "Max Hold" feature activated. In this mode, the EMI receiver records the highest measured reading over all the sweeps. The built in quasi-peak or average detector was used only for those readings which are marked accordingly on the data sheets. The effective measurement bandwidth used for the radiated emissions test was 100 kHz from 9 kHz to 26.5 GHz.

The Loop Antenna, Broadband BiConiLog and horn antennas were used as transducers during the measurement. The Loop antenna was used from 9 KHz to 30 MHz, the BiConiLog antenna was used from 30 MHz to 1000 MHz and horn antennas were used from 1GHz – 26.5 GHz. The frequency spans were wide (9 kHz to 150 kHz, 150 kHz to 30 MHz, 30 MHz to 88 MHz, 88 MHz to 216 MHz, 216 to 300 MHz, 300 MHz to 1 GHz, 1 GHz to 18 GHz and 18 GHz to 26.5 GHz) during preliminary investigations. The final data was taken with a frequency span of 1 MHz. Furthermore, the frequency span was reduced during the preliminary investigations as deemed necessary.

The 5 meter semi-anechoic chamber of Electro Magnetic Test, Inc. was used for radiated emission testing. This test site is set up according to ANSI C63.10-2013. Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The turntable supporting the EUT is remote controlled using a motor. The turntable permits EUT rotation of 360 degrees in order to maximize emissions. Also, the antenna mast allows height variation of the antenna from 1 meter to 4 meters. Data was collected in the worst case (highest emission) configuration of the EUT. The EUT was rotated 360 degrees and the antenna height was varied from 1 to 4 meters (for E field radiated field strength).

The presence of non EUT signals was verified by turning the EUT off. In case a non EUT signal was detected, the measurement bandwidth was reduced temporarily and verification was made that an additional adjacent peak did not exist. This ensures that the other signal does not hide any emissions from the EUT. The EUT was tested at a 3 meter test distance from 9 kHz to 26.5 GHz. to obtain final test data.

Calculation Of Radiated Emission Test Data:

Amplitude - Gain + Antenna Factor + Cable Loss = Corrected Amplitude

Corrected Amplitude - Limit = Margin

Associated with the radiated emission test data in this report is a ± 5.1 dB measurement uncertainty.

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7.1.4 Test Procedure (Band Edge)

1. Set RBW of spectrum analyzer to 100 kHz with a convenient frequency span including 100 kHz bandwidth from band edge.
2. Measure the highest amplitude appearing on spectral display and set it as a reference level. Plot the graph with marking the highest point and edge frequency.

•



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7.2 Conducted Emissions Test – Mains Ports

7.2.1 Limit (FCC PART 15 Section 15.207(a), IC RSS-GEN Issue 5 [8.8])

Frequency of Emission (MHz)	Conducted Limit (dBμV)	
	Quasi-peak	Average
0.15-0.5	66 to 56 *	56 to 46 *
0.5-5	56	46
5-30	60	50

*Note: Decreases with the logarithm of the frequency

7.2.2 Test Procedure (Conducted)

The Rohde & Schwarz ESU40 EMI receiver was used as a measuring meter. The data was collected with the EMI receiver in the peak detect mode with the "Max Hold" feature activated. The quasi-peak and average detectors were used only where indicated in the data sheets. A 10 dB attenuation pad was used for the protection of the EMI receiver input stage, and the EMI receiver offset was adjusted accordingly to read the actual data measured. The LISN output was read by the Rohde & Schwarz ESU40 EMI receiver. The output of the second LISN was terminated by a 50 ohm termination. The effective measurement bandwidth used for the conducted emissions test was 9 kHz.

Please see section 6.2 of this report for mounting, bonding and grounding of the EUT. The EUT was powered through the LISN, which was bonded to the ground plane. The LISN power was filtered and the filter was bonded to the ground plane. The EUT was set up with the minimum distances from any conductive surfaces as specified in ANSI C63.10-2013. The excess power cord was wrapped in a figure eight pattern to form a bundle not exceeding 0.4 meters in length.

The initial test data was taken in manual mode while scanning the frequency ranges of 0.15 MHz to 1.6 MHz, 1.6 MHz to 5 MHz and 5 MHz to 30 MHz. The conducted emissions from the EUT were maximized for operating mode as well as cable and peripheral placement. Once a predominant frequency (within 12 dB of the limit) was found, it was more closely examined with the spectrum analyzer span adjusted to 1 MHz.

The final data was collected under program control by the ETS-Lindgren Tile! software in several overlapping sweeps by running the spectrum analyzer at a minimum scan rate of 10 seconds per octave.

Calculation Of Conducted Emission Test Data:

Amplitudes shown on the test data are already corrected and include the following equation:

Raw Amplitude + LISN Insertion Loss + Attenuator + Cable Loss = Corrected Amplitude

Corrected Amplitude - Limit = Margin

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Associated with the conducted emission test data in this report is a ± 3.4 dB measurement uncertainty.

7.2.3**Test Result**

The EUT meets the requirements. Please see the datasheets in Appendix A for the measurement results.

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7.3 Occupied Bandwidth**7.3.1 Limit (FCC PART 15 Section 15.247(a)(2), 15.407(e), IC-RSS 247 Issue 2, [5.2.1])****FCC PART 15 Section 15.247(a)(2)**

Systems using digital modulation techniques may operate in the 902 - 928 MHz, 2400 - 2483.5 MHz, and 5725 - 5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz

FCC PART 15 Section 15.407(e)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

IC-RSS 247 Issue 2 [5.2.1]

DTSs include systems that employ digital modulation techniques resulting in spectral characteristics similar to direct sequence systems. The following applies to the bands 902-928 MHz and 2400-2483.5 MHz

Limit
6 dB Bandwidth $\geq$ 500 kHz

7.3.2 Test Procedure

Follow the radiated test procedure but set the Spectrum Analyzer as below:

RBW: 100 kHz

VBW: $\geq 3 \times$ RBW

Detector: Peak

Trace Mode: Max Hold

- (1) Set analyzer center frequency to center of signal
- (2) Turn on occupied bandwidth measurement mode
- (3) Set measurement to 6db bandwidth

Associated with the Occupied Bandwidth test data in this report is a $\pm 2.5\%$ measurement uncertainty.

7.3.3 Test Result

The EUT meets the requirements. Please see the datasheets in Appendix A for the measurement results.



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7.4 Maximum Peak Output Power

7.4.1 Limit (FCC PART 15 Section 15.247(b)(3), 15.407(a)(1)(iv), 15.407(a)(3), IC-RSS 247 Issue 2, [5.4.4])

FCC PART 15 Section 15.247(b)(3)

For systems using digital modulation in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands: 1 Watt.

IC-RSS 247 Issue 2, [5.4.4]

For DTSS employing digital modulation techniques operating in the bands 902-928 MHz and 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1W. Except provided in Section 5.4(5), the e.i.r.p. shall not exceed 4 W.

Limit
Maximum Peak Output Power (Digital Modulation) $\leq$ 1Watt or 30 dBm

FCC PART 15 Section 15.407(a)(1)(iv)

For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi.

FCC PART 15 Section 15.407(a)(3)

For the band 5.725-5.85 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W.

Limit
5.15-5.25 GHz: Peak Output Power (Digital Modulation) $\leq$ 250 milliwatt or 23.98 dBm
5.725-5.85 GHz: Peak Output Power (Digital Modulation) $\leq$ 1Watt or 30 dBm

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7.4.2 Test Procedure

Follow the radiated test procedure but set the Spectrum Analyzer as below:

RBW > DTS Bandwidth

VBW $\geq 3 \times$ RBW

Span $\geq 3 \times$ RBW

Detector: Peak

Trace Mode: Max Hold

- (1) When the trace is completed, mark the peak value
- (2) Calculate the Field strength at 3Meters.
 - a. $E3 = \text{Results} - GP + AF + CL + 107$
Where:
 - b. Results = Specific uncorrected results from test (dBm)
 - c. GP = Pre-Amp Gain (dB)
 - d. AF = Antenna Factor (dB/m)
 - e. CL = Cable Loss (dB)
- (3) Calculate the EIRP by using the following equation:
 - a. $EIRP = E3 - 95.2$
Where:
 - b. $E3 = \text{See Step 2 (dBuV/m @ 3m)}$
- (4) Calculate the Peak Output Power by using the following equation:
 - a. $\text{Peak Power} = EIRP - G_A$
Where:
 - b. $EIRP = \text{See step 3 (dBm)}$
 - c. $G_A = \text{Antenna Gain (dBi)}$

Associated with the Maximum Peak Output Power test data in this report is a $\pm 5.1\text{dB}$ measurement uncertainty.

7.4.3 Test Result

The EUT meets the requirements. Please see the datasheets in Appendix A for the measurement results.



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7.5 Maximum Peak Power Spectral Density

7.5.1 Limit (FCC PART 15 Section 15.247(e), 15.407(a)(1)(iv), 15.407(a)(3), IC-RSS 247 Issue 2, [5.2.2])

FCC PART 15 Section 15.247(e)

For digitally modulated systems, 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. This power spectral density shall be determined in accordance with the provisions of paragraph (b) of this section. The same method of determining the conducted output power shall be used to determine the power spectral density

Limit
8 dBm/3 KHz

FCC PART 15 Section 15.407(a)(1)(iv)

For client devices in the 5.15-5.25 GHz band, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band.

FCC PART 15 Section 15.407(a)(3)

For the band 5.725-5.85 GHz the maximum power spectral density shall not exceed 30 dBm in any 500-kHz band.

Limit
5150-5250MHz: 11 dBm / 1 MHz
5725-5850MHz: 30 dBm / 500 kHz

7.5.2 Test Procedure

Follow the radiated test procedure but set the Spectrum Analyzer as below:

$3 \text{ kHz} \leq \text{RBW} \leq 100 \text{ kHz}$

$\text{VBW} \geq 3 \times \text{RBW}$

$\text{Span} \geq 1.5 \times \text{DTS Bandwidth}$

Detector: Peak

Sweep Time auto

- 1) Use Peak Marker Function
- 2) If value Exceeds limit, reduce RBW (no less than 3 kHz)
- 3) Calculate the Field strength at 3Meters.
 - a) $E_3 = \text{Results} - G_p + \text{AF} + \text{CL} + 107$
Where:
 - b) Results = Specific uncorrected results from test (dBm)
 - c) G_p = Pre-Amp Gain (dB)
 - d) AF = Antenna Factor (dB/m)
 - e) CL = Cable Loss (dB)
- 4) Calculate the EIRP by using the following equation:
 - a) $\text{EIRP} = E_3 - 95.2$
Where:
 - b) E_3 = See Step 3 (dBuV/m @ 3m)

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5) Calculate the Peak Output Power by using the following equation:

a) $\text{Peak Power} = \text{EIRP} - G_A$

Where:

b) $\text{EIRP} = \text{See step 4 (dBm)}$

c) $G_A = \text{Antenna Gain (dBi)}$

Associated with the Maximum Peak Power Spectral Density test data in this report is a $\pm 5.1\text{dB}$ measurement uncertainty.

7.5.3

Test Result

The EUT meets the requirements. Please see the datasheets in Appendix A for the measurement results.

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7.6 Antenna Requirement

7.6.1 Requirement (FCC PART 15 SECTION 15.203,15.247(b)(4)), 15.407(a)(1)(i), 15.407(a)(2)

An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this Section.

(4) The conducted output power limit specified in paragraph (b) of this section is based on the use of antennas with directional gains that do not exceed 6 dBi. Except as shown in paragraph (c) of this section, if transmitting antennas of directional gain greater than 6 dBi are used, the conducted output power from the intentional radiator shall be reduced below the stated values in paragraphs (b)(1), (b)(2), and (b)(3) of this section, as appropriate, by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(iv) For client devices in the 5.15-5.25 GHz band, if transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

(2) For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz.

7.6.2 Test Result

The internal antenna is integrated on the main PCB with no consideration for replacement on the SkydioLink Dual Band Module.

The external antenna uses a unique Mini FAKRA female connector to the EUT, thus fulfilling the requirements of this section.

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7.7 FHSS Requirements

7.7.1 Requirement (FCC PART 15 SECTION 15.247(a), 15.247(b)(1), 15.247(b)(2), and RSS 247 Issue 2, [5.1, 5.4(b)])

15.247 (a) Operation under the provisions of this Section is limited to frequency hopping and digitally modulated intentional radiators that comply with the following provisions:

(1) Frequency hopping systems shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. Each frequency must be used equally on the average by each transmitter. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

(i) For frequency hopping systems operating in the 902-928 MHz band: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 20 second period; if the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping frequencies and the average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 10 second period. The maximum allowed 20 dB bandwidth of the hopping channel is 500 kHz.

(ii) Frequency hopping systems operating in the 5725-5850 MHz band shall use at least 75 hopping frequencies. The maximum 20 dB bandwidth of the hopping channel is 1 MHz. The average time of occupancy on any frequency shall not be greater than 0.4 seconds within a 30 second period.

(iii) Frequency hopping systems in the 2400-2483.5 MHz band shall use at least 15 channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by the number of hopping channels employed. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 channels are used.

(2) Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

15.247(b)(1) For frequency hopping systems operating in the 2400-2483.5 MHz band employing at least 75 non-overlapping hopping channels, and all frequency hopping systems in the 5725-5850 MHz band: 1 watt. For all other frequency hopping systems in the 2400-2483.5 MHz band: 0.125 watts.

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(2) For frequency hopping systems operating in the 902-928 MHz band: 1 watt for systems employing at least 50 hopping channels; and, 0.25 watts for systems employing less than 50 hopping channels, but at least 25 hopping channels, as permitted under paragraph (a)(1)(i) of this section.

RSS 247 Issue 2 5.1: The following applies to FHSs in each of the three bands:

a) The bandwidth of a frequency hopping channel is the 20 dB emission bandwidth, measured with the hopping stopped. The system's radio frequency (RF) bandwidth is equal to the channel bandwidth multiplied by the number of channels in the hopset. The system shall hop to channel frequencies that are selected at the system hopping rate from a pseudo randomly ordered list of hopping frequencies. The system receivers shall have input bandwidths that match the hopping channel bandwidths of their corresponding transmitters and shall shift frequencies in synchronization with the transmitted signals.

b) FHSs shall have hopping channel carrier frequencies separated by a minimum of 25 kHz or the 20 dB bandwidth of the hopping channel, whichever is greater. Alternatively, FHSs operating in the band 2400-2483.5 MHz may have hopping channel carrier frequencies that are separated by 25 kHz or two thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided that the systems operate with an output power no greater than 0.125 W.

c) For FHSs in the band 902-928 MHz: if the 20 dB bandwidth of the hopping channel is less than 250 kHz, the system shall use at least 50 hopping channels and the average time of occupancy on any channel shall not be greater than 0.4 seconds within a 20-second period. If the 20 dB bandwidth of the hopping channel is 250 kHz or greater, the system shall use at least 25 hopping channels and the average time of occupancy on any channel shall not be greater than 0.4 seconds.

5.4(b): For FHSs operating in the band 2400-2483.5 MHz, the maximum peak conducted output power shall not exceed 1.0 W if the hopset uses 75 or more hopping channels; the maximum peak conducted output power shall not exceed 0.125 W if the hopset uses less than 75 hopping channels. The e.i.r.p. shall not exceed 4 W, except as provided in section 5.4(e).

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7.7.2 Test Procedure(s)

QUANTITY OF HOPPING CHANNEL TEST

1. Set the EUT into hopping mode.
2. Maxhold the trace
3. Allow it to stabilize.

TIME OF OCCUPANCY (DWELL TIME)

1. Set the EUT into hopping mode.
2. Set the RBW to: 1MHz
3. VBW: $\geq 3 \times$ RBW
4. Span: 0Hz
5. Detector: Peak
6. Sweep time: Auto Couple
7. Trace mode: max hold
8. Allow trace to fully stabilize.

CHANNEL SEPARATION TEST

1. Set the EUT into transmitting mode, maxhold the trace.
2. Allow it to stabilize.
3. Set the adjacent channel of the EUT and maxhold another trace.
4. Use the marker-delta function to determine the separation between the peaks of the adjacent channels.

7.7.3 Test Result

Not Applicable, EUT is not a FHS.

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7.8 Security Requirements**7.8.1 Transmission Detection****7.8.1.1 Limits 15.407(c)**

The device shall automatically discontinue transmission in case of either absence of information to transmit or operational failure. These provisions are not intended to preclude the transmission of control or signalling information or the use of repetitive codes used by certain digital technologies to complete frame or burst intervals. Applicants shall include in their application for equipment authorization a description of how this requirement is met.

7.8.1.2 Test Result

The client has been informed of this requirement and has included in a separate document how this requirement is met on the EUT.

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7.8.2 Transmit Power Control (TPC) and Dynamic Frequency Selection (DFS).**7.8.2.1 Limits 15.407(h)**

(1) Transmit power control (TPC). U-NII devices operating in the 5.25-5.35 GHz band and the 5.47-5.725 GHz band shall employ a TPC mechanism. The U-NII device is required to have the capability to operate at least 6 dB below the mean EIRP value of 30 dBm. A TPC mechanism is not required for systems with an e.i.r.p. of less than 500 mW.

(2) Radar Detection Function of Dynamic Frequency Selection (DFS). U-NII devices operating with any part of its 26 dB emission bandwidth in the 5.25-5.35 GHz and 5.47-5.725 GHz bands shall employ a DFS radar detection mechanism to detect the presence of radar systems and to avoid co-channel operation with radar systems. Operators shall only use equipment with a DFS mechanism that is turned on when operating in these bands. The device must sense for radar signals at 100 percent of its emission bandwidth. The minimum DFS detection threshold for devices with a maximum e.i.r.p. of 200 mW to 1 W is -64 dBm. For devices that operate with less than 200 mW e.i.r.p. and a power spectral density of less than 10 dBm in a 1 MHz band, the minimum detection threshold is -62 dBm. The detection threshold is the received power averaged over 1 microsecond referenced to a 0 dBi antenna. For the initial channel setting, the manufacturers shall be permitted to provide for either random channel selection or manual channel selection.

7.8.2.2 Test Result

This test is not applicable due to the EUT not operating within the 5.25-5.35GHz and 5.47-5.725GHz bands.

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7.8.3 Device Security**7.8.3.1 Limits 15.407(i)**

All U-NII devices must contain security features to protect against modification of software by unauthorized parties.

(1) Manufacturers must implement security features in any digitally modulated devices capable of operating in any of the U-NII bands, so that third parties are not able to reprogram the device to operate outside the parameters for which the device was certified. The software must prevent the user from operating the transmitter with operating frequencies, output power, modulation types or other radio frequency parameters outside those that were approved for the device. Manufacturers may use means including, but not limited to the use of a private network that allows only authenticated users to download software, electronic signatures in software or coding in hardware that is decoded by software to verify that new software can be legally loaded into a device to meet these requirements and must describe the methods in their application for equipment authorization.

(2) Manufacturers must take steps to ensure that DFS functionality cannot be disabled by the operator of the U-NII device.

7.8.3.2 Test Result

The client has been informed of this requirement.

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7.9 Frequency Stability**7.9.1 Limits 15.407(g)**

Manufacturers of U-NII devices are responsible for ensuring frequency stability such that an emission is maintained within the band of operation under all conditions of normal operation as specified in the user's manual.

7.9.2 Frequency Stability (Voltage)**7.9.2.2 Test Procedure**

Follow the peak output power test procedure but set the EUT within the temperature chamber and take the following steps:

Voltage Test

1. Turn on the device by connecting it to an adjustable power source.
2. Set the device to a representative band in the frequency range.
3. Set the temperature chamber and power input to nominal levels.
4. Measure the results.
5. Set the voltage to 85% of the nominal supply voltage
6. Allow the signal to stabilize.
7. Measure the results.
8. Set the voltage to 115% of the nominal supply voltage.
9. Allow the signal to stabilize.
10. Measure the results.

Associated with the Frequency Stability test data in this report is a $\pm 5.3\%$ measurement uncertainty.

7.9.2.3 Test Result

The EUT meets the requirements.

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8. CONCLUSIONS / COMPLIANCE STATEMENT

Based upon the results contained in this report, Electro Magnetic Test, Inc. has determined that the SkydioLink Dual Band Module, Model: SMODBV1 meets all of the specification limits defined in FCC Title 47, Part 15, Subpart C.



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APPENDIX A

RADIATED AND CONDUCTED EMISSIONS DATA SHEETS

Radiated Emission Test Report

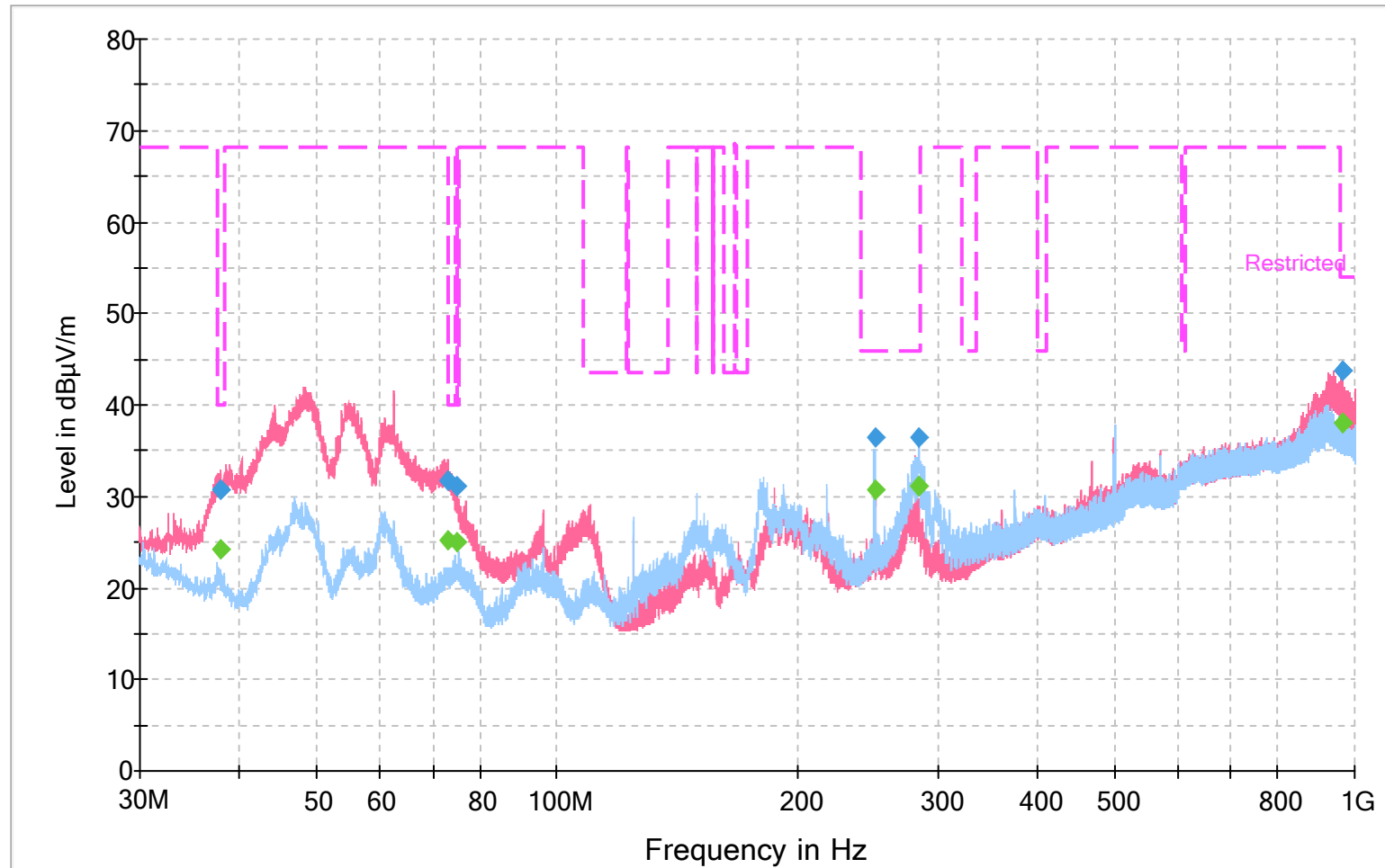
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Manan Modi

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11g, 5MHz, 24dB, 2412MHz, Skydio 2+ Antenna

FCC Class B Radiated Scan 3m PK QP Wireless



--- Restricted
◆ Final Result 1-PK+
◆ Final Result 2-QPK
— Preview Result 1V-PK+
— Preview Result 1H-PK+

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
37.860000	30.7	100.0	V	344.0	16.0	9.30	40.00	
73.110000	31.8	100.0	V	330.0	11.8	8.20	40.00	
74.850000	31.1	100.0	V	309.0	11.8	8.90	40.00	
249.960000	36.5	273.0	H	359.0	18.0	9.50	46.00	
284.310000	36.4	100.0	H	78.0	18.5	9.60	46.00	
963.750000	43.8	100.0	V	120.0	30.9	10.20	54.00	

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
37.860000	24.2	100.0	V	344.0	16.0	15.80	40.00	
73.110000	25.2	100.0	V	330.0	11.8	14.80	40.00	
74.850000	25.0	100.0	V	309.0	11.8	15.00	40.00	
249.960000	30.7	273.0	H	359.0	18.0	15.30	46.00	
284.310000	31.2	100.0	H	78.0	18.5	14.80	46.00	
963.750000	38.0	100.0	V	120.0	30.9	16.00	54.00	

Radiated Emission Test Report

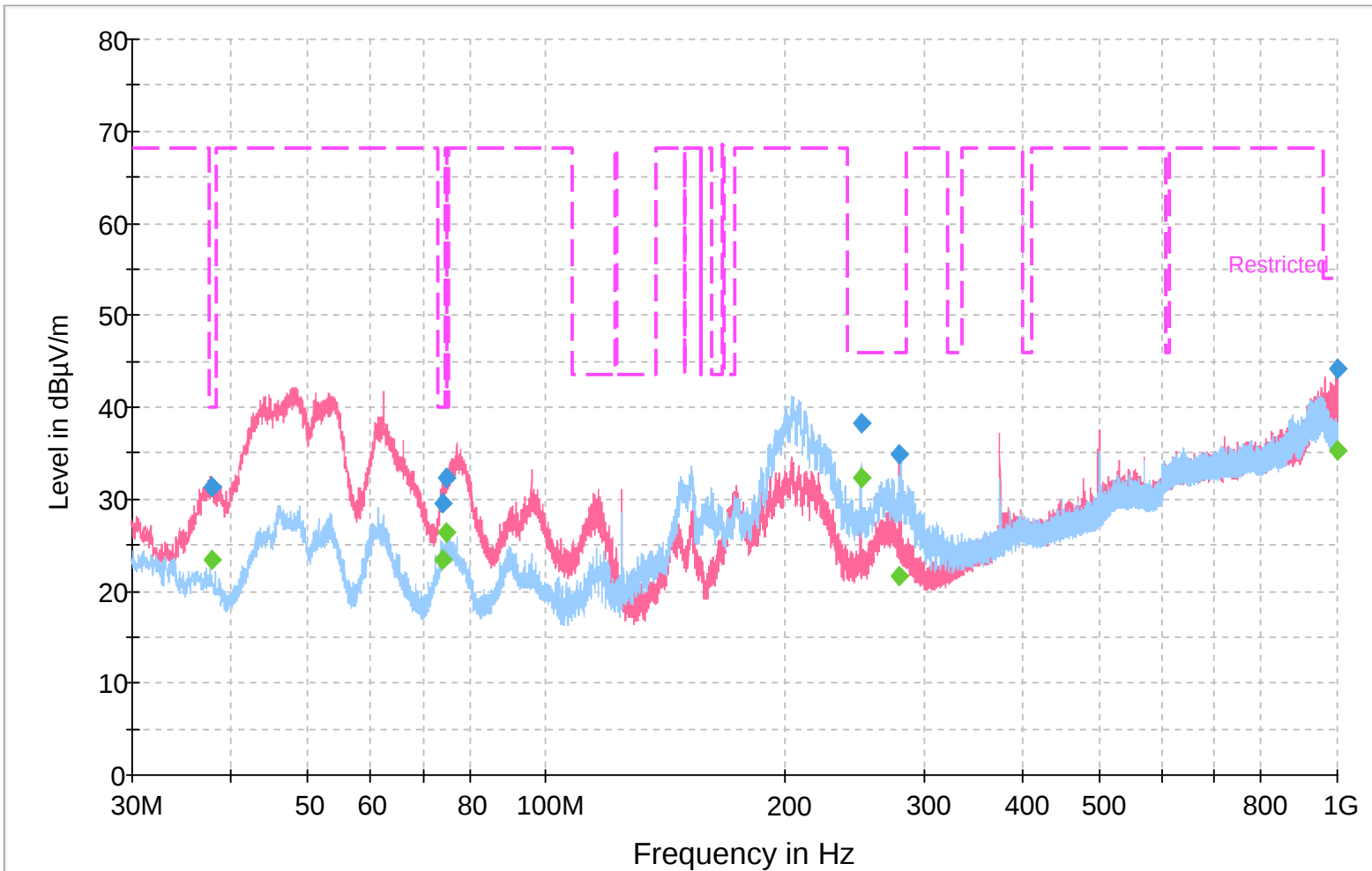
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Manan Modi

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11g, 5MHz, 24dB, 2412MHz, Enterprise Antenna

FCC Class B Radiated Scan 3m PK QP Wireless



--- Restricted
◆ Final Result 1-PK+

--- Preview Result 1V-PK+
◆ Final Result 2-QPK

--- Preview Result 1H-PK+

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
37.890000	31.3	100.0	V	339.0	16.0	8.70	40.00	
74.250000	29.5	142.0	V	155.0	11.8	10.50	40.00	
75.120000	32.2	131.0	V	161.0	11.8	7.80	40.00	
249.960000	38.2	113.0	H	205.0	18.0	7.80	46.00	
280.050000	34.8	164.0	V	190.0	18.5	11.20	46.00	
997.500000	44.0	100.0	V	86.0	30.1	10.00	54.00	

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
37.890000	23.4	100.0	V	339.0	16.0	16.60	40.00	
74.250000	23.5	142.0	V	155.0	11.8	16.50	40.00	
75.120000	26.4	131.0	V	161.0	11.8	13.60	40.00	
249.960000	32.3	113.0	H	205.0	18.0	13.70	46.00	
280.050000	21.8	164.0	V	190.0	18.5	24.20	46.00	
997.500000	35.2	100.0	V	86.0	30.1	18.80	54.00	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

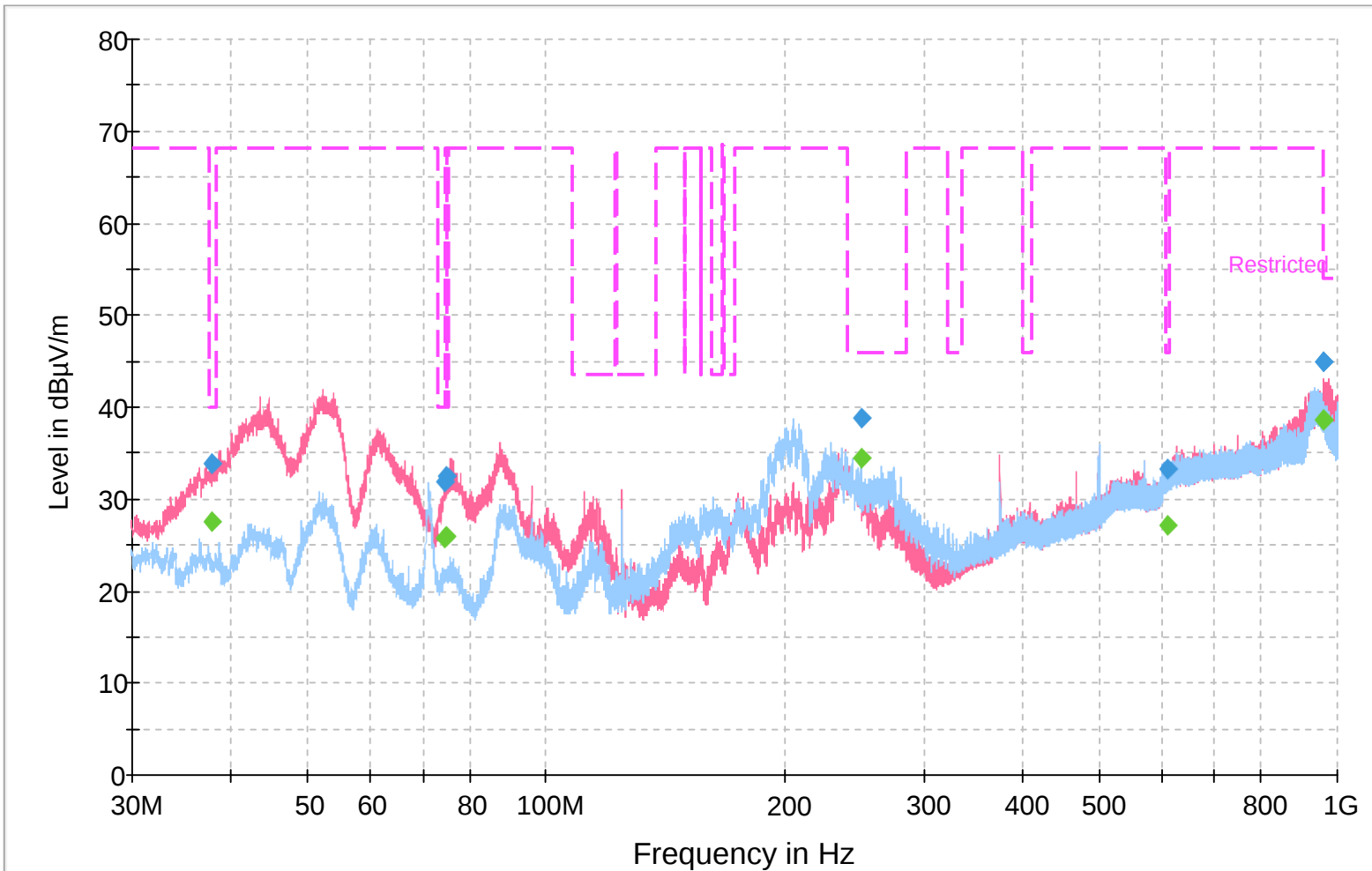
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Manan Modi

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11g, 5MHz, 24dB, 2412MHz, GW Antenna

FCC Class B Radiated Scan 3m PK QP Wireless



--- Restricted
◆ Final Result 1-PK+

--- Preview Result 1V-PK+
◆ Final Result 2-QPK

--- Preview Result 1H-PK+

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
38.010000	34.0	100.0	V	57.0	15.9	6.00	40.00	
74.580000	31.9	100.0	V	168.0	11.8	8.10	40.00	
74.970000	32.5	124.0	V	143.0	11.8	7.50	40.00	
249.990000	38.8	120.0	H	247.0	18.0	7.20	46.00	
610.380000	33.3	147.0	V	353.0	27.1	12.70	46.00	
960.360000	45.0	100.0	V	134.0	30.9	9.00	54.00	

Final Result 2

Frequency (MHz)	QuasiPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
38.010000	27.6	100.0	V	57.0	15.9	12.40	40.00	
74.580000	25.8	100.0	V	168.0	11.8	14.20	40.00	
74.970000	26.0	124.0	V	143.0	11.8	14.00	40.00	
249.990000	34.5	120.0	H	247.0	18.0	11.50	46.00	
610.380000	27.2	147.0	V	353.0	27.1	18.80	46.00	
960.360000	38.6	100.0	V	134.0	30.9	15.40	54.00	

Radiated Emission Test Report

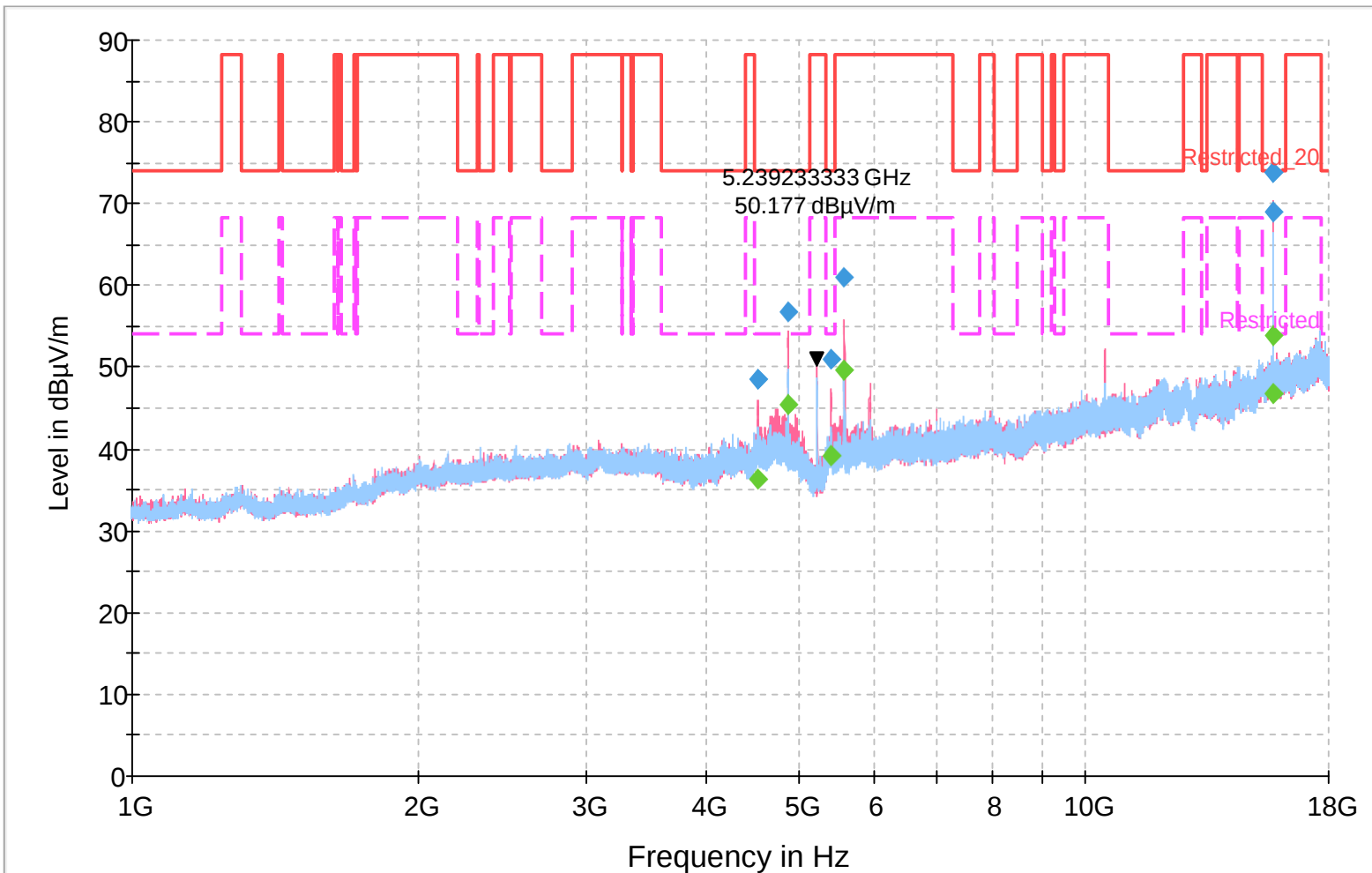
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, GW Antenna

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20 Restricted Preview Result 1V-PK+
Preview Result 1H-PK+ Final Result 1-PK+ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4536.000000	48.6	121.0	V	20.0	5.3	25.40	74.00	
4887.333333	56.8	117.0	V	5.0	5.4	17.20	74.00	
5417.166667	51.1	209.0	V	329.0	6.6	23.00	74.00	
5591.700000	60.9	195.0	V	331.0	6.7	27.30	88.20	
15723.133333	73.9	157.0	V	169.0	21.1	0.10	74.00	
15724.266667	69.0	203.0	H	206.0	21.1	5.00	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4536.000000	36.3	121.0	V	20.0	5.3	17.70	54.00	
4887.333333	45.5	117.0	V	5.0	5.4	8.50	54.00	
5417.166667	39.3	209.0	V	329.0	6.6	14.80	54.00	
5591.700000	49.7	195.0	V	331.0	6.7	18.50	68.20	
15723.133333	53.8	157.0	V	169.0	21.1	0.20	54.00	
15724.266667	46.8	203.0	H	206.0	21.1	7.20	54.00	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

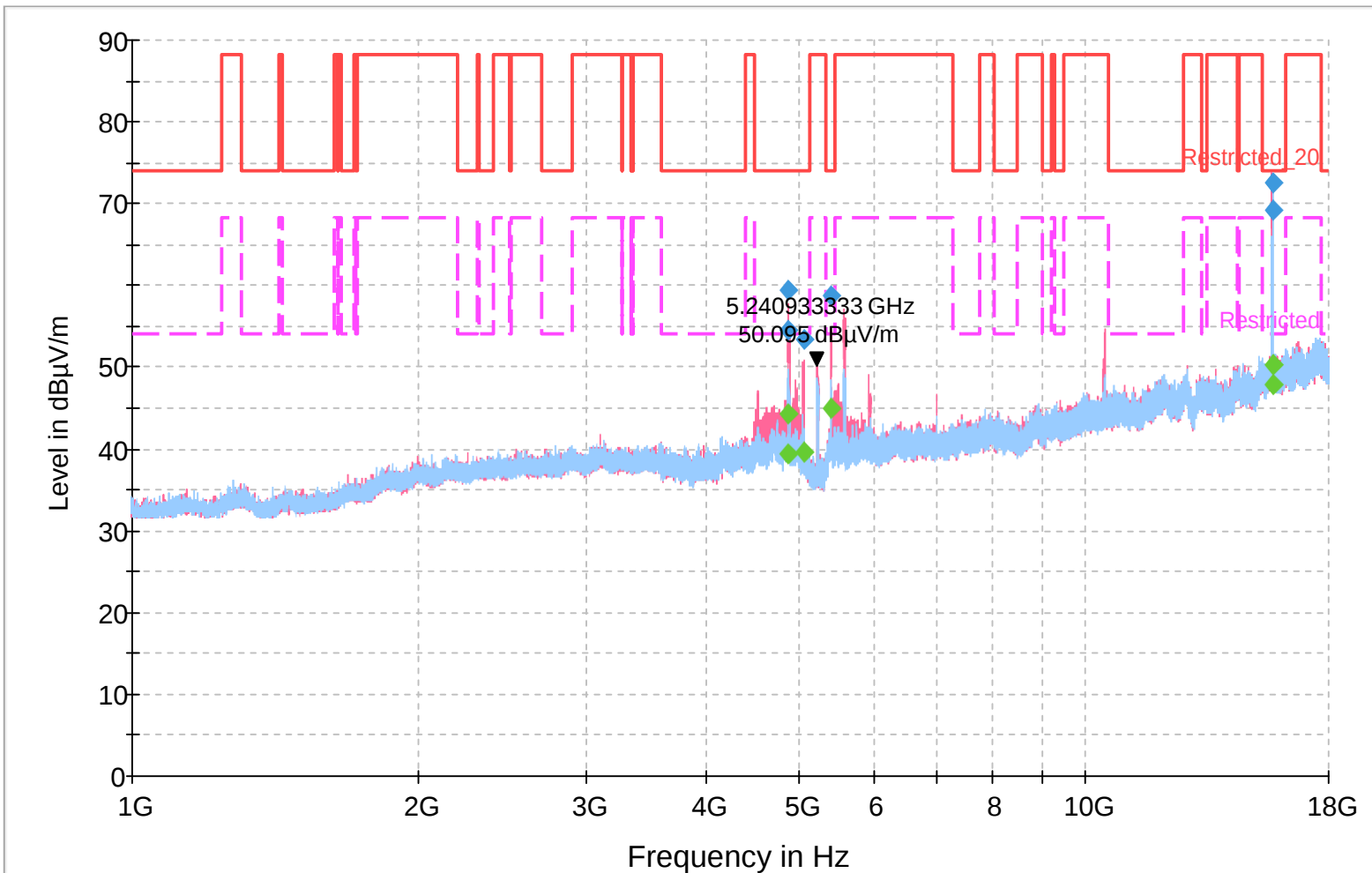
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Manan Modi

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Enterprise Antenna

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4879.400000	54.4	220.0	V	235.0	5.4	19.60	74.00	
4885.066667	59.4	168.0	V	264.0	5.4	14.60	74.00	
5065.833333	53.4	208.0	V	264.0	5.5	20.60	74.00	
5414.900000	58.6	204.0	V	260.0	6.6	15.40	74.00	
15716.333333	69.1	208.0	H	106.0	21.1	4.90	74.00	
15719.733333	72.5	140.0	V	222.0	21.1	1.50	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4879.400000	39.4	220.0	V	235.0	5.4	14.60	54.00	
4885.066667	44.3	168.0	V	264.0	5.4	9.70	54.00	
5065.833333	39.7	208.0	V	264.0	5.5	14.30	54.00	
5414.900000	45.1	204.0	V	260.0	6.6	8.90	54.00	
15716.333333	47.9	208.0	H	106.0	21.1	6.10	54.00	
15719.733333	50.3	140.0	V	222.0	21.1	3.70	54.00	

Radiated Emission Test Report

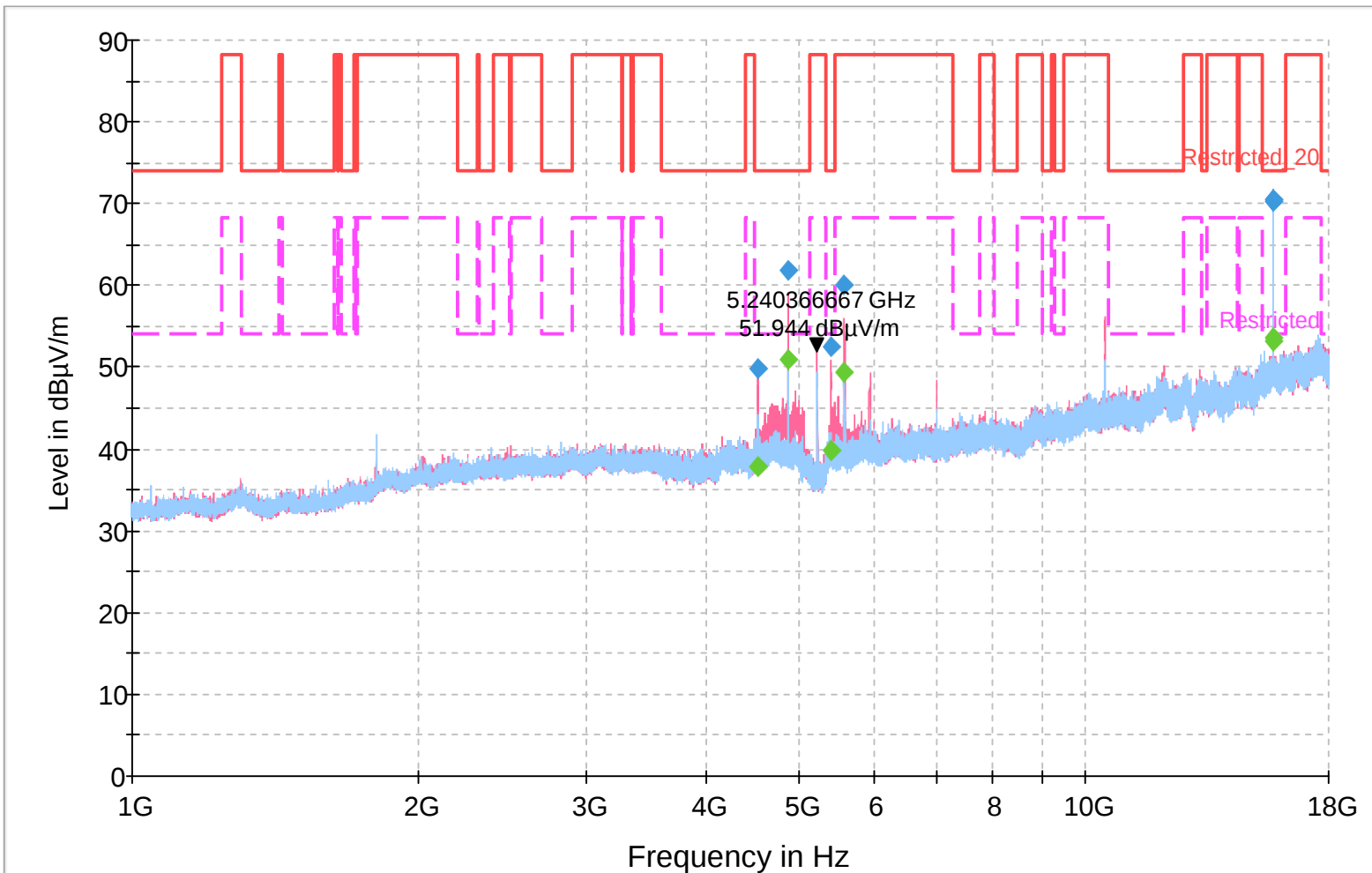
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Manan Modi

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Skydio 2+ Antenna

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4536.566667	49.9	190.0	V	151.0	5.3	24.10	74.00	
4888.466667	61.9	137.0	V	292.0	5.4	12.10	74.00	
5418.300000	52.6	246.0	V	210.0	6.6	21.40	74.00	
5592.266667	60.1	227.0	V	46.0	6.7	28.10	88.20	
15720.866667	70.4	192.0	V	57.0	21.1	3.60	74.00	
15722.000000	70.3	192.0	H	178.0	21.1	3.70	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4536.566667	37.9	190.0	V	151.0	5.3	16.10	54.00	
4888.466667	51.0	137.0	V	292.0	5.4	3.00	54.00	
5418.300000	39.8	246.0	V	210.0	6.6	14.20	54.00	
5592.266667	49.4	227.0	V	46.0	6.7	18.80	68.20	
15720.866667	53.2	192.0	V	57.0	21.1	0.80	54.00	
15722.000000	53.7	192.0	H	178.0	21.1	0.30	54.00	

Radiated Emission Test Report

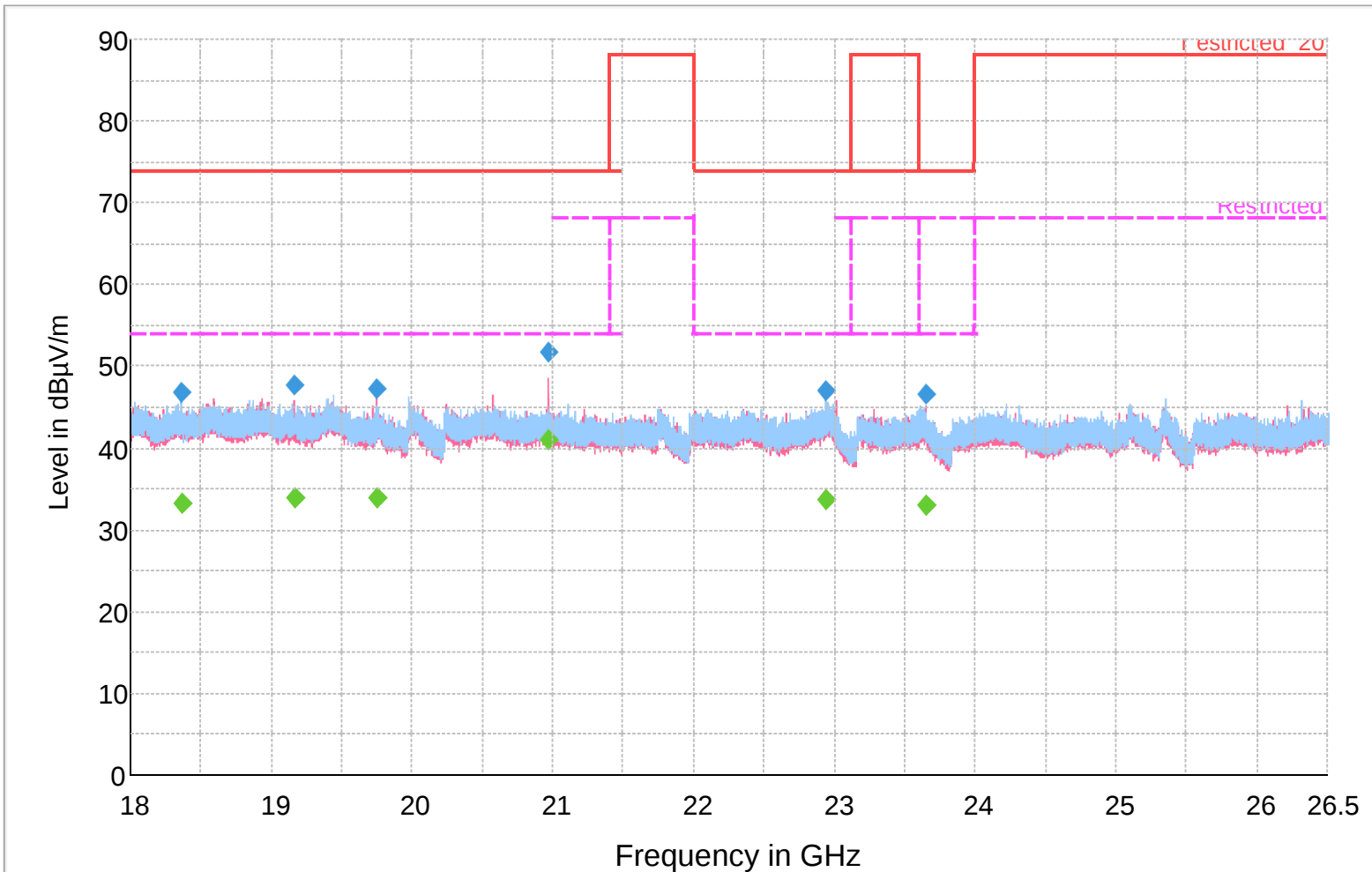
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, GW Antenna

FCC Class B Radiated Sweep 18GHz-26.5GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18350.625000	46.7	285.0	H	57.0	9.7	27.30	74.00	
19159.825000	47.8	248.0	V	76.0	10.1	26.20	74.00	
19742.500000	47.2	248.0	V	89.0	10.0	26.80	74.00	
20962.250000	51.6	236.0	V	67.0	10.2	22.40	74.00	
22934.250000	47.0	164.0	H	170.0	11.0	27.00	74.00	
23637.625000	46.6	180.0	V	133.0	10.5	27.40	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18350.625000	33.3	285.0	H	57.0	9.7	20.70	54.00	
19159.825000	33.9	248.0	V	76.0	10.1	20.10	54.00	
19742.500000	33.9	248.0	V	89.0	10.0	20.10	54.00	
20962.250000	41.0	236.0	V	67.0	10.2	13.00	54.00	
22934.250000	33.8	164.0	H	170.0	11.0	20.20	54.00	
23637.625000	33.0	180.0	V	133.0	10.5	21.00	54.00	

Radiated Emission Test Report

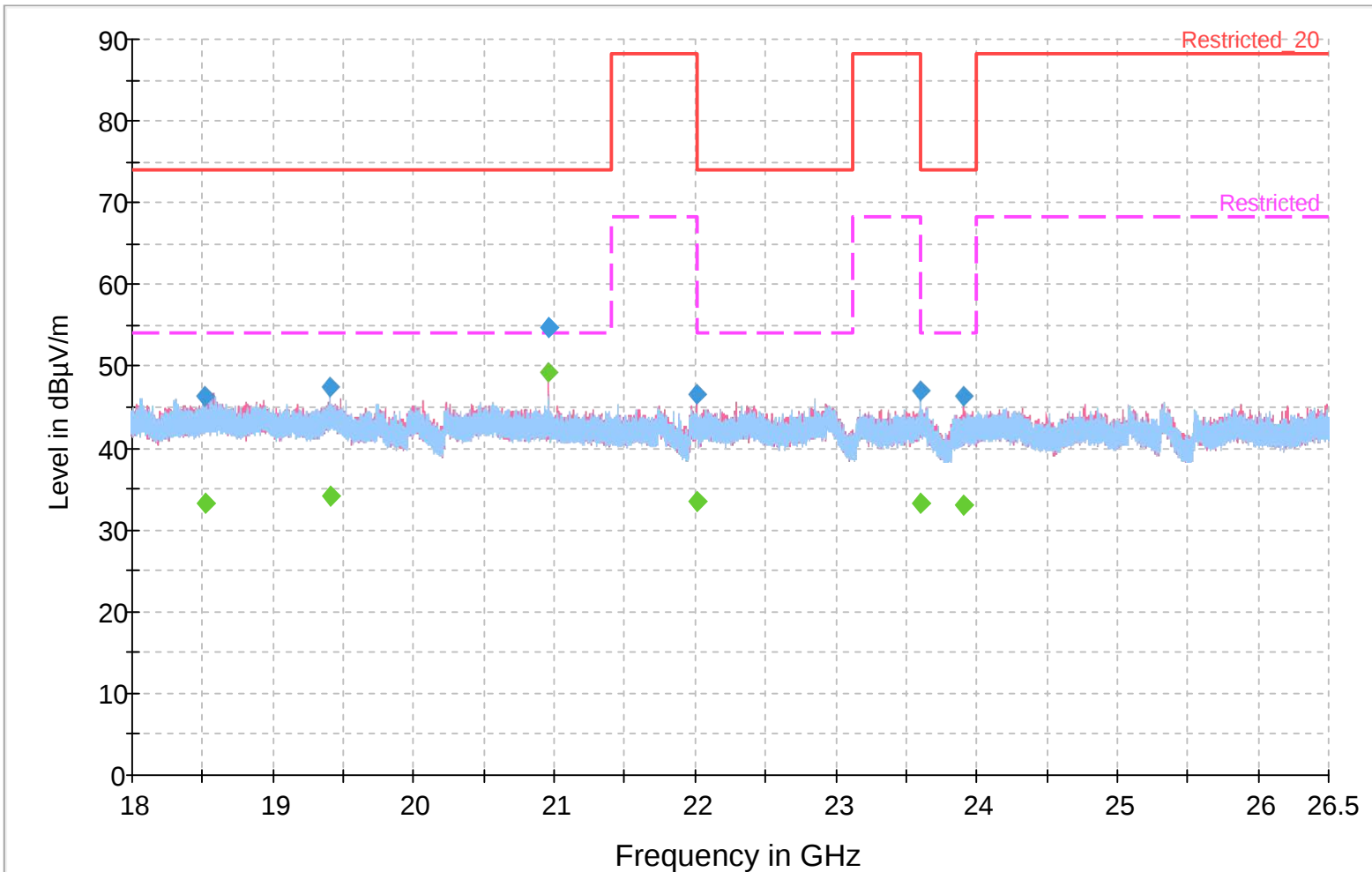
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Skydio 2+

FCC Class B Radiated Sweep 18GHz-26.5GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18521.900000	46.2	220.0	V	68.0	9.7	27.80	74.00	
19408.450000	47.5	141.0	V	282.0	10.2	26.50	74.00	
20961.825000	54.8	204.0	V	115.0	10.2	19.20	74.00	
22013.275000	46.5	213.0	V	48.0	10.7	27.50	74.00	
23604.050000	47.1	228.0	H	133.0	10.6	27.00	74.00	
23912.175000	46.4	288.0	V	302.0	10.6	27.60	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18521.900000	33.2	220.0	V	68.0	9.7	20.80	54.00	
19408.450000	34.0	141.0	V	282.0	10.2	20.00	54.00	
20961.825000	49.1	204.0	V	115.0	10.2	4.90	54.00	
22013.275000	33.5	213.0	V	48.0	10.7	20.50	54.00	
23604.050000	33.3	228.0	H	133.0	10.6	20.70	54.00	
23912.175000	33.0	288.0	V	302.0	10.6	21.00	54.00	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

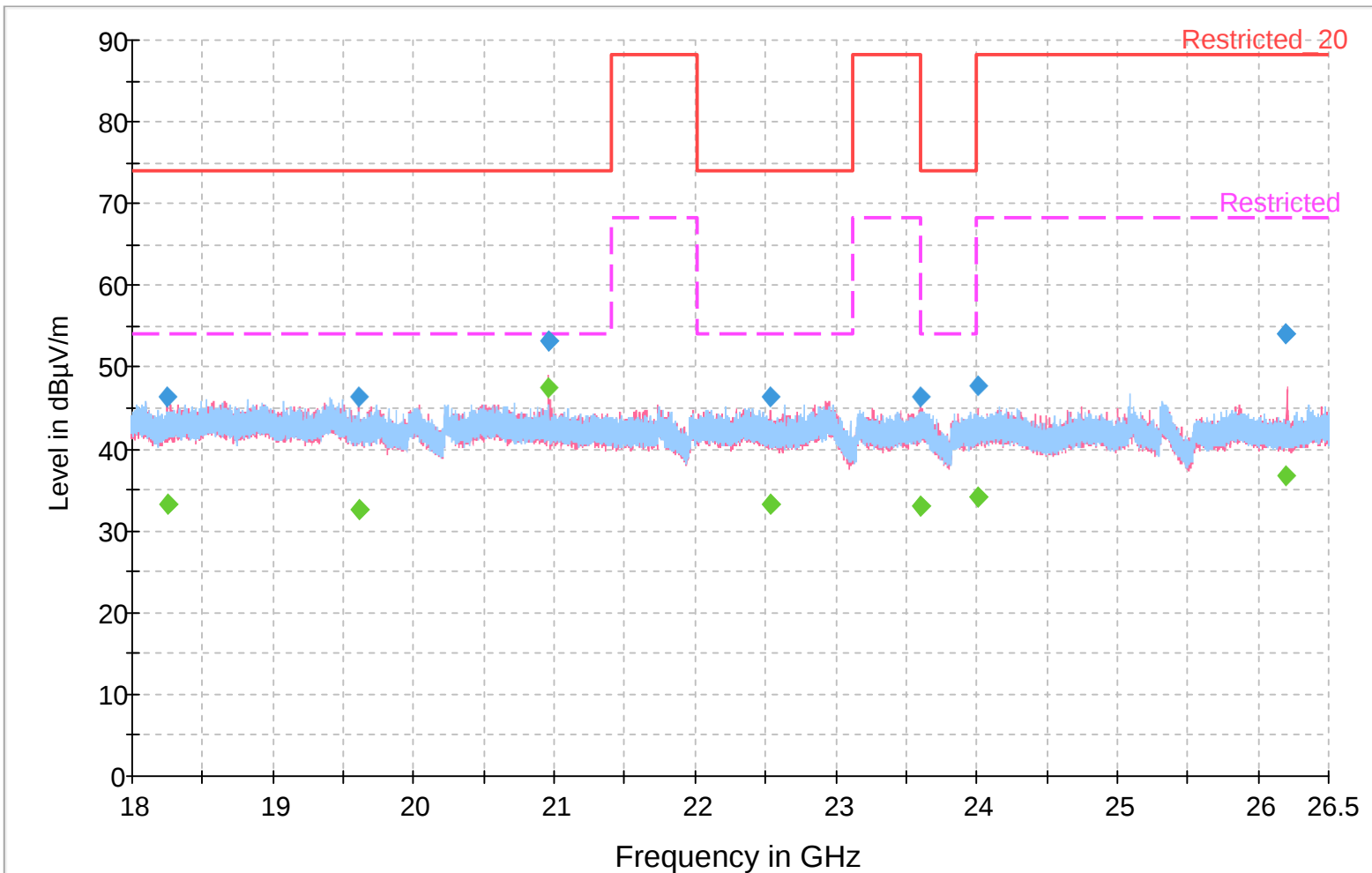
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Enterprise Antenna

FCC Class B Radiated Sweep 18GHz-26.5GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18248.625000	46.4	232.0	V	151.0	9.7	27.60	74.00	
19615.425000	46.3	263.0	V	259.0	9.8	27.70	74.00	
20961.825000	53.2	208.0	V	109.0	10.2	20.80	74.00	
22536.025000	46.3	220.0	V	190.0	10.7	27.70	74.00	
23604.050000	46.2	248.0	V	95.0	10.6	27.80	74.00	
24005.250000	47.6	173.0	V	100.0	10.6	40.60	88.20	
26199.100000	54.1	192.0	V	275.0	10.8	34.10	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
18248.625000	33.2	232.0	V	151.0	9.7	20.80	54.00	
19615.425000	32.6	263.0	V	259.0	9.8	21.40	54.00	
20961.825000	47.5	208.0	V	109.0	10.2	6.50	54.00	
22536.025000	33.2	220.0	V	190.0	10.7	20.80	54.00	
23604.050000	33.1	248.0	V	95.0	10.6	20.90	54.00	
24005.250000	34.1	173.0	V	100.0	10.6	34.10	68.20	
26199.100000	36.7	192.0	V	275.0	10.8	31.50	68.20	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

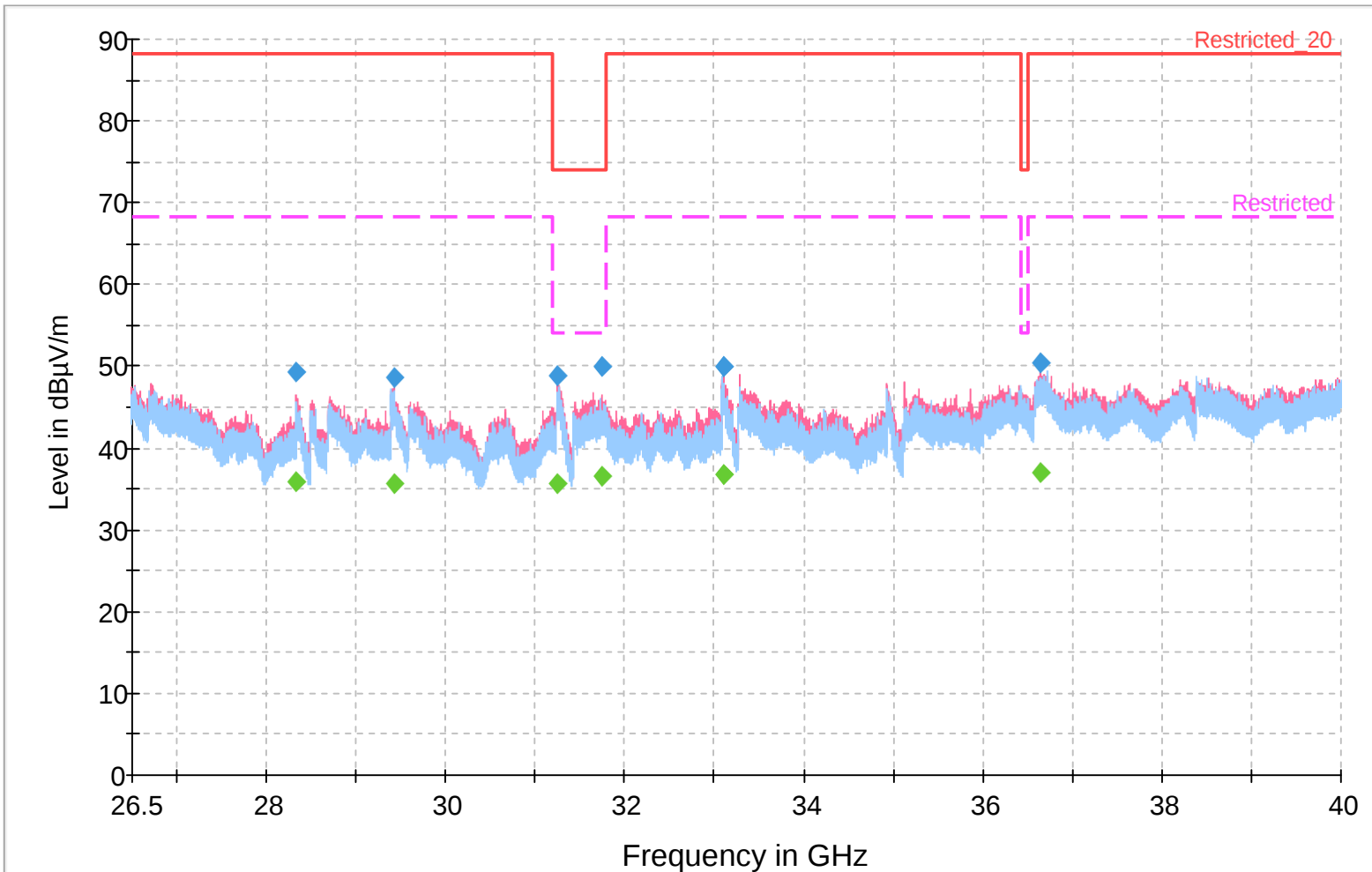
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Enterprise

FCC Class B Radiated Sweep 26.5GHz-40GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
28342.750000	49.2	300.0	V	119.0	-0.5	39.00	88.20	
29432.200000	48.5	246.0	V	307.0	-0.4	39.70	88.20	
31247.050000	48.8	117.0	V	310.0	-0.7	25.20	74.00	
31757.350000	49.9	255.0	V	142.0	-0.7	24.10	74.00	
33102.850000	49.9	300.0	V	188.0	-0.9	38.30	88.20	
36644.350000	50.2	248.0	V	318.0	-3.0	38.00	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
28342.750000	36.0	300.0	V	119.0	-0.5	32.20	68.20	
29432.200000	35.7	246.0	V	307.0	-0.4	32.50	68.20	
31247.050000	35.8	117.0	V	310.0	-0.7	18.20	54.00	
31757.350000	36.5	255.0	V	142.0	-0.7	17.50	54.00	
33102.850000	36.8	300.0	V	188.0	-0.9	31.40	68.20	
36644.350000	37.0	248.0	V	318.0	-3.0	31.20	68.20	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

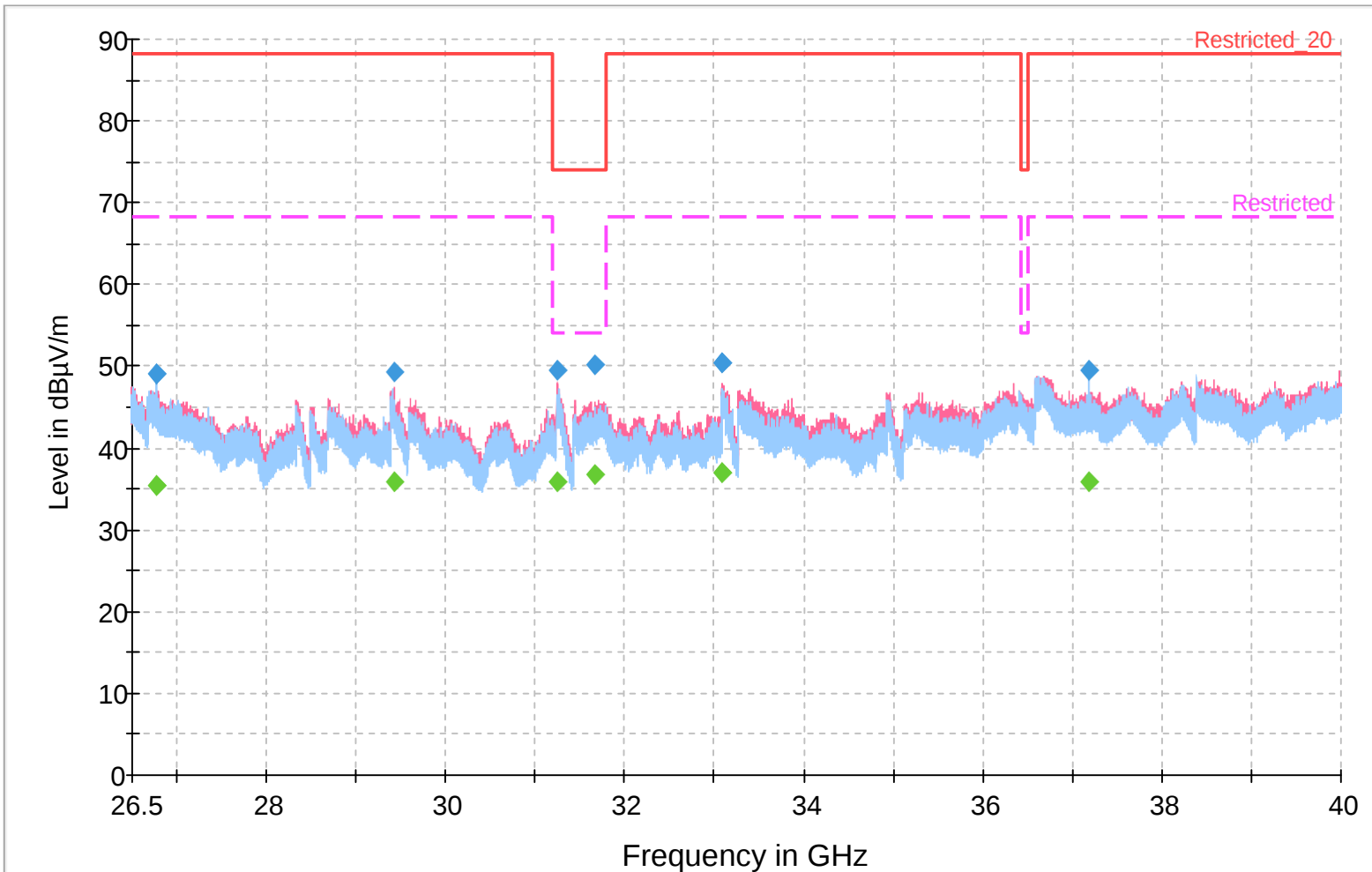
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, GW

FCC Class B Radiated Sweep 26.5GHz-40GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
26785.750000	49.1	175.0	H	25.0	-1.7	39.10	88.20	
29429.050000	49.3	131.0	V	234.0	-0.4	38.90	88.20	
31243.000000	49.5	274.0	V	16.0	-0.7	24.50	74.00	
31680.400000	50.1	229.0	V	68.0	-0.9	23.90	74.00	
33085.750000	50.2	215.0	V	95.0	-0.9	38.00	88.20	
37191.550000	49.4	294.0	H	138.0	-3.8	38.80	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
26785.750000	35.6	175.0	H	25.0	-1.7	32.60	68.20	
29429.050000	35.8	131.0	V	234.0	-0.4	32.40	68.20	
31243.000000	35.9	274.0	V	16.0	-0.7	18.10	54.00	
31680.400000	36.8	229.0	V	68.0	-0.9	17.20	54.00	
33085.750000	37.1	215.0	V	95.0	-0.9	31.10	68.20	
37191.550000	36.0	294.0	H	138.0	-3.8	32.20	68.20	

Radiated Emission Test Report

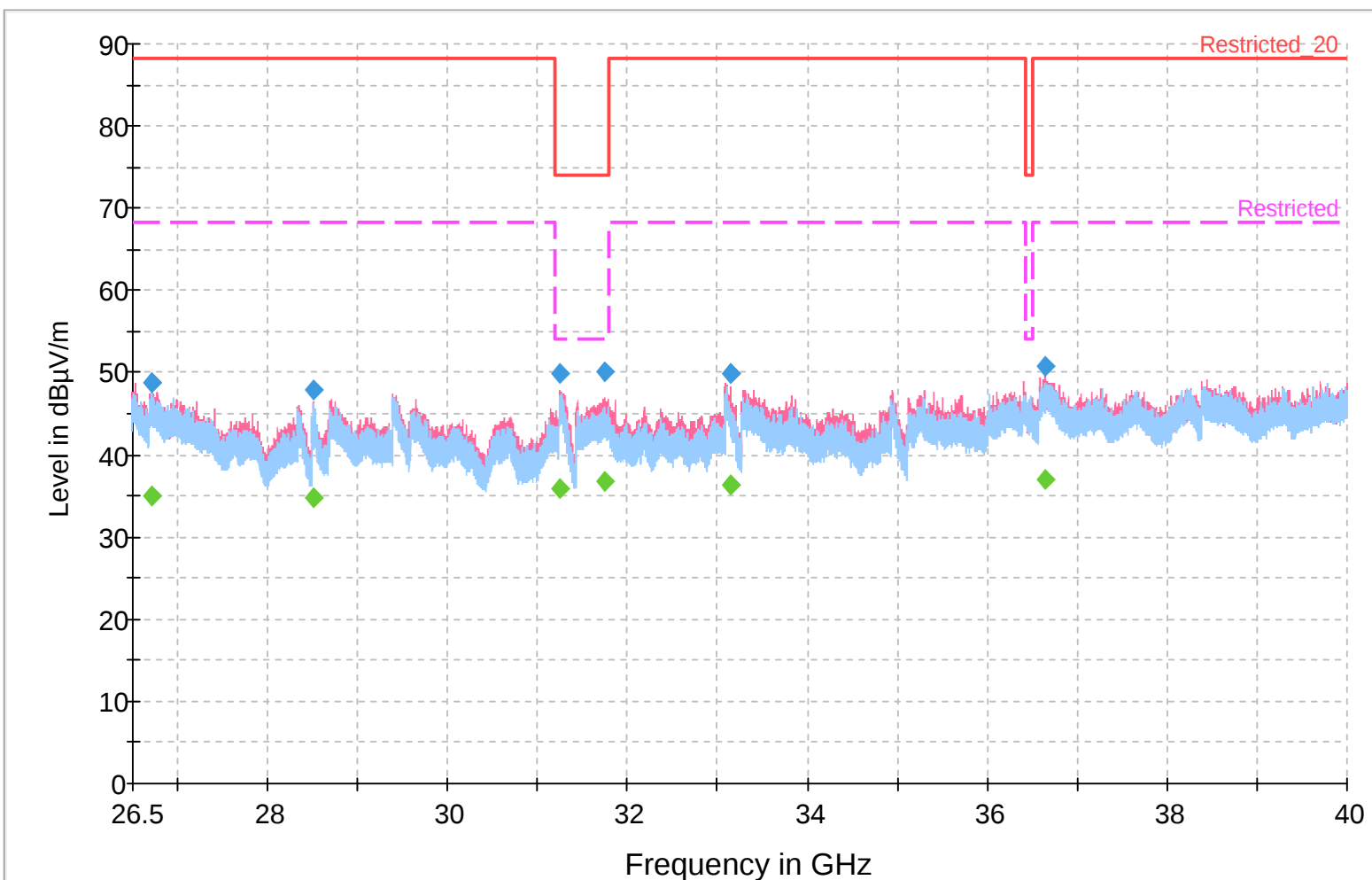
Tested At:**Electro Magnetic Test, Inc.****1547 Plymouth Street****Mountain View, CA 94043****Tel. 650-965-4000****Fax. 650-965-3000****Common Information**

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11n, 5MHz, 23dB, 5240MHz, Skydio 2+

FCC Class B Radiated Sweep 26.5GHz-40GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
26728.600000	48.7	185.0	V	301.0	-1.6	39.50	88.20	
28520.050000	47.8	117.0	V	239.0	-0.4	40.40	88.20	
31255.600000	49.8	291.0	V	293.0	-0.7	24.20	74.00	
31752.850000	50.2	181.0	V	320.0	-0.7	23.80	74.00	
33144.700000	49.8	141.0	V	25.0	-0.9	38.40	88.20	
36636.700000	50.8	259.0	V	204.0	-3.0	37.40	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
26728.600000	35.1	185.0	V	301.0	-1.6	33.10	68.20	
28520.050000	34.7	117.0	V	239.0	-0.4	33.50	68.20	
31255.600000	35.8	291.0	V	293.0	-0.7	18.20	54.00	
31752.850000	36.8	181.0	V	320.0	-0.7	17.20	54.00	
33144.700000	36.4	141.0	V	25.0	-0.9	31.80	68.20	
36636.700000	37.0	259.0	V	204.0	-3.0	31.20	68.20	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

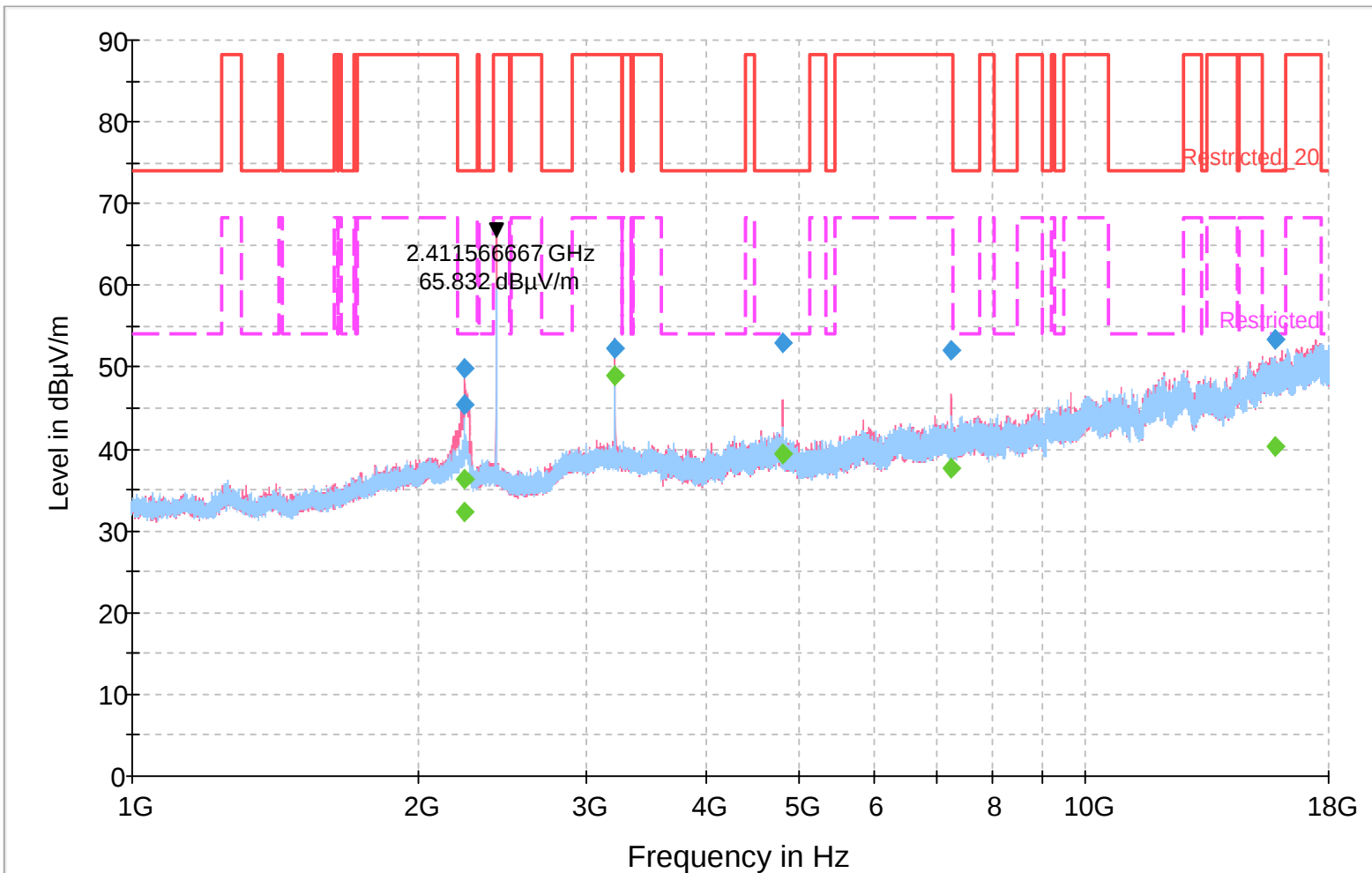
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	David Vivanco

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11g, 5MHz, 24dB, 2412MHz

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



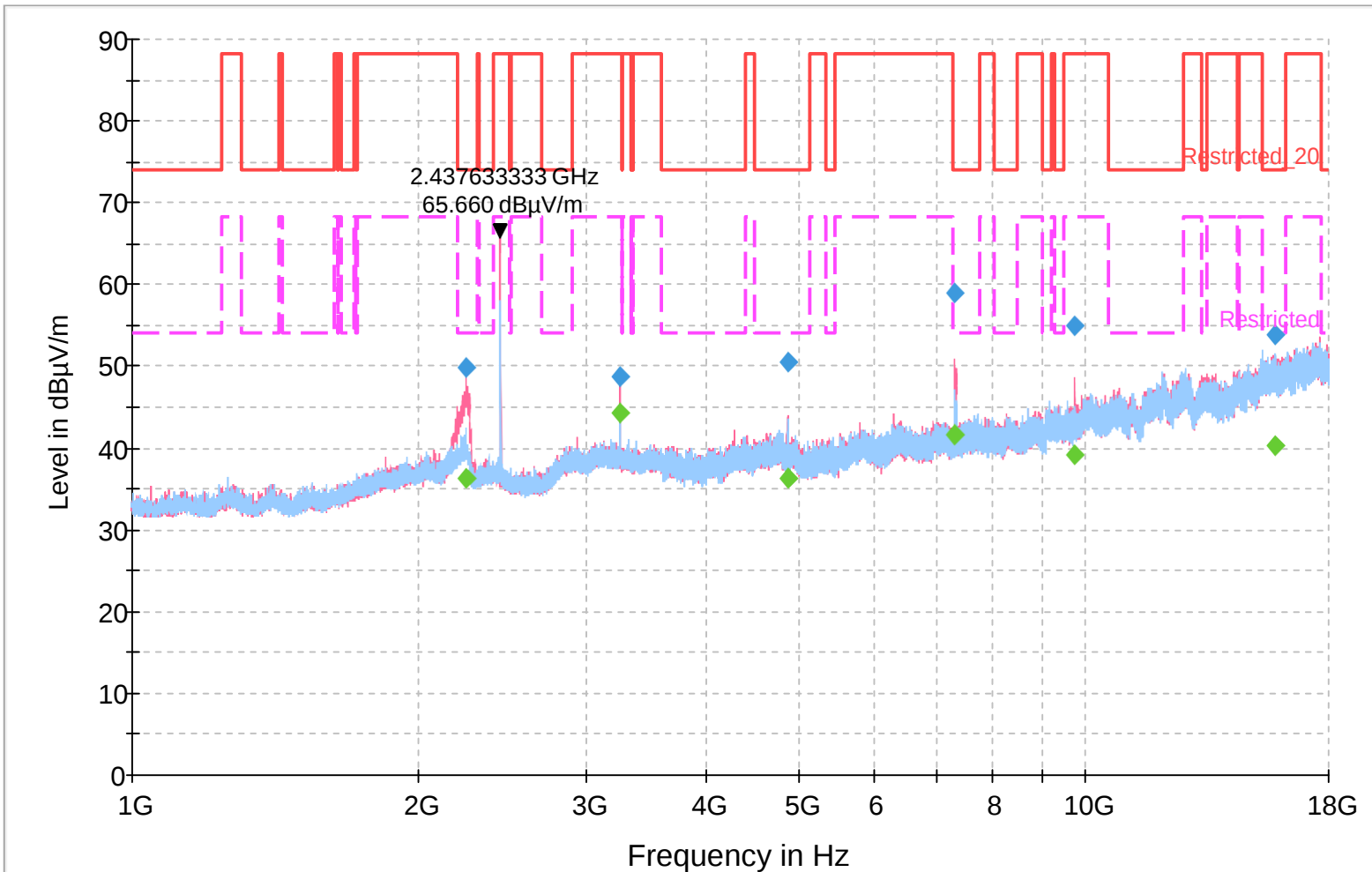
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	45.5	149.0	H	225.0	1.1	28.50	74.00	
2238.166667	50.0	264.0	V	150.0	1.1	24.00	74.00	
3216.233333	52.3	234.0	V	351.0	3.1	35.90	88.20	
4824.433333	53.0	199.0	V	164.0	5.6	21.00	74.00	
7236.733333	52.1	118.0	V	288.0	9.6	36.10	88.20	
15779.800000	53.5	172.0	V	21.0	21.1	20.50	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	32.3	149.0	H	225.0	1.1	21.70	54.00	
2238.166667	36.4	264.0	V	150.0	1.1	17.60	54.00	
3216.233333	48.9	234.0	V	351.0	3.1	19.30	68.20	
4824.433333	39.4	199.0	V	164.0	5.6	14.60	54.00	
7236.733333	37.6	118.0	V	288.0	9.6	30.60	68.20	
15779.800000	40.4	172.0	V	21.0	21.1	13.60	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

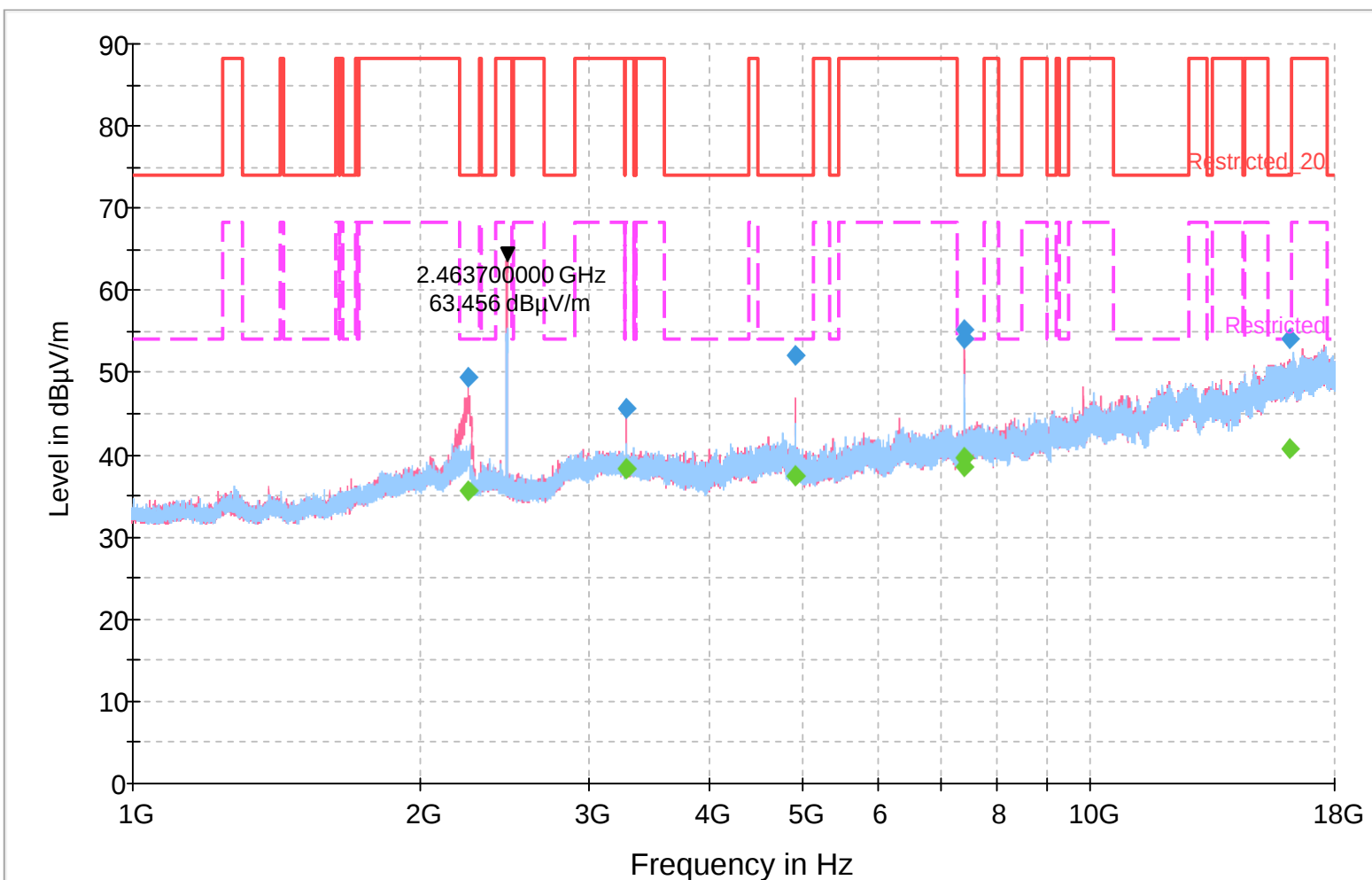
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2243.266667	49.8	202.0	V	193.0	1.1	24.20	74.00	
3249.666667	48.7	200.0	V	353.0	3.1	39.50	88.20	
4873.733333	50.6	214.0	V	169.0	5.5	23.40	74.00	
7310.400000	59.0	244.0	V	57.0	9.6	15.00	74.00	
9748.200000	55.0	217.0	V	53.0	13.6	33.20	88.20	
15784.333333	53.8	118.0	H	81.0	21.1	20.20	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2243.266667	36.3	202.0	V	193.0	1.1	17.70	54.00	
3249.666667	44.3	200.0	V	353.0	3.1	23.90	68.20	
4873.733333	36.4	214.0	V	169.0	5.5	17.60	54.00	
7310.400000	41.8	244.0	V	57.0	9.6	12.20	54.00	
9748.200000	39.3	217.0	V	53.0	13.6	28.90	68.20	
15784.333333	40.4	118.0	H	81.0	21.1	13.60	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

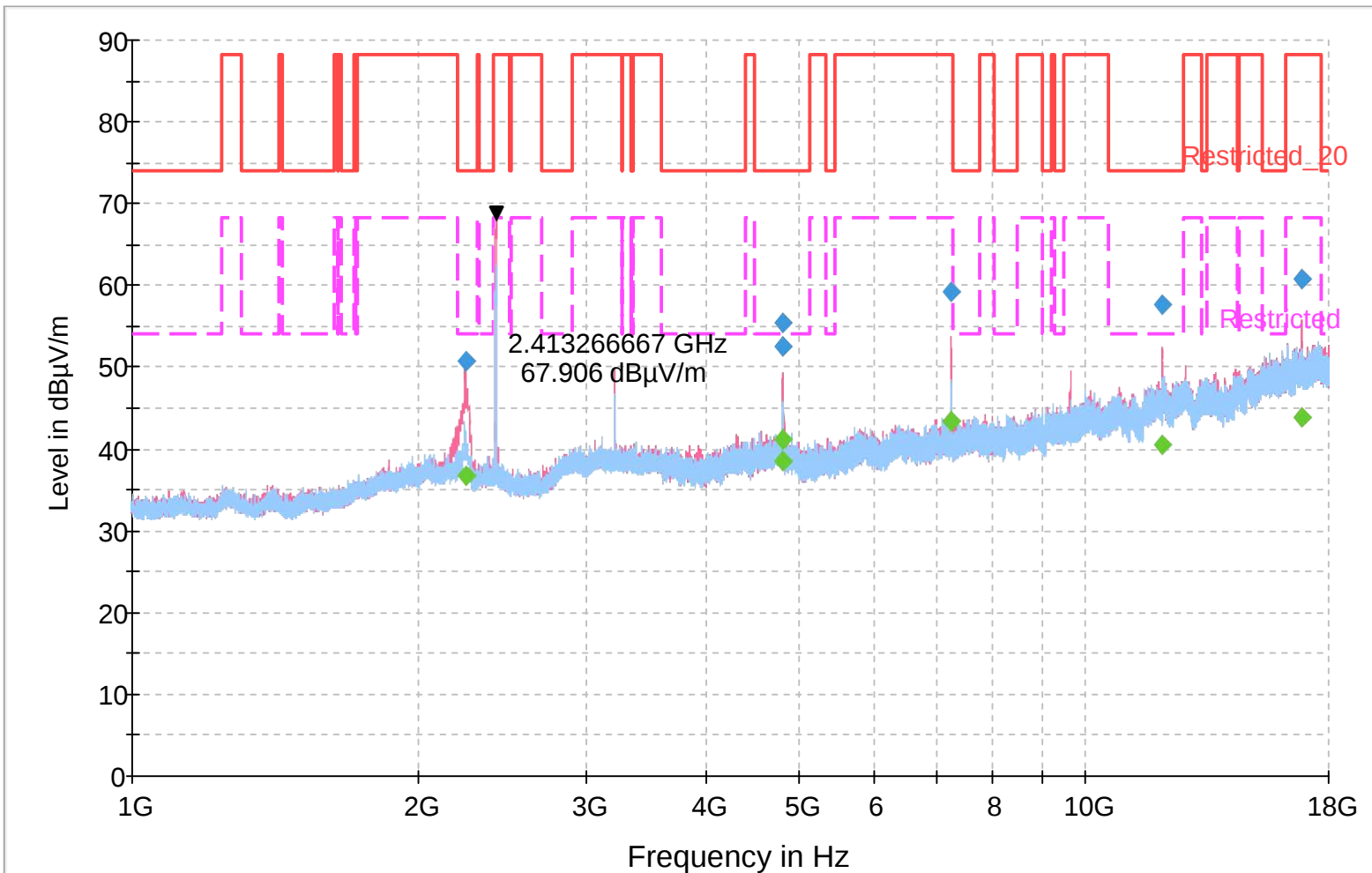
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2242.700000	49.4	196.0	V	194.0	1.1	24.60	74.00	
3283.100000	45.7	141.0	V	193.0	3.1	42.50	88.20	
4925.300000	52.0	149.0	V	219.0	5.4	22.00	74.00	
7387.466667	54.2	229.0	H	222.0	9.7	19.80	74.00	
7388.600000	55.2	279.0	V	50.0	9.7	18.80	74.00	
16133.966667	54.0	187.0	V	6.0	21.8	20.00	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2242.700000	35.7	196.0	V	194.0	1.1	18.30	54.00	
3283.100000	38.3	141.0	V	193.0	3.1	29.90	68.20	
4925.300000	37.5	149.0	V	219.0	5.4	16.50	54.00	
7387.466667	38.5	229.0	H	222.0	9.7	15.50	54.00	
7388.600000	39.6	279.0	V	50.0	9.7	14.40	54.00	
16133.966667	40.9	187.0	V	6.0	21.8	13.10	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

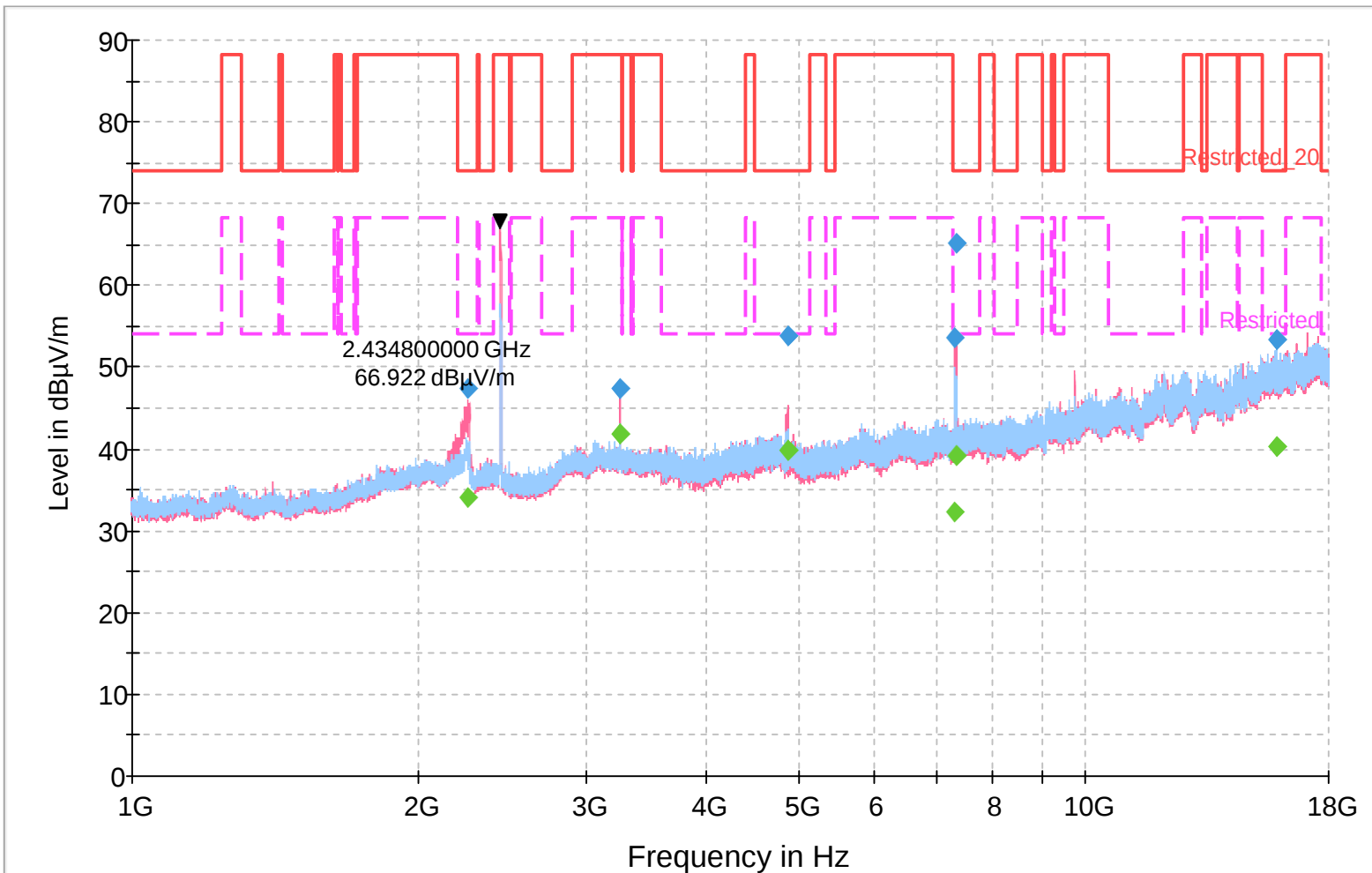
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2238.733333	50.8	265.0	V	198.0	1.1	23.20	74.00	
4822.166667	52.6	152.0	H	225.0	5.6	21.40	74.00	
4823.866667	55.5	207.0	V	171.0	5.6	18.50	74.00	
7237.866667	59.2	229.0	V	53.0	9.6	29.00	88.20	
12063.033333	57.6	207.0	V	39.0	17.4	16.40	74.00	
16891.033333	60.7	264.0	V	71.0	22.7	27.50	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2238.733333	36.8	265.0	V	198.0	1.1	17.20	54.00	
4822.166667	38.5	152.0	H	225.0	5.6	15.50	54.00	
4823.866667	41.2	207.0	V	171.0	5.6	12.80	54.00	
7237.866667	43.4	229.0	V	53.0	9.6	24.80	68.20	
12063.033333	40.6	207.0	V	39.0	17.4	13.40	54.00	
16891.033333	43.9	264.0	V	71.0	22.7	24.30	68.20	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

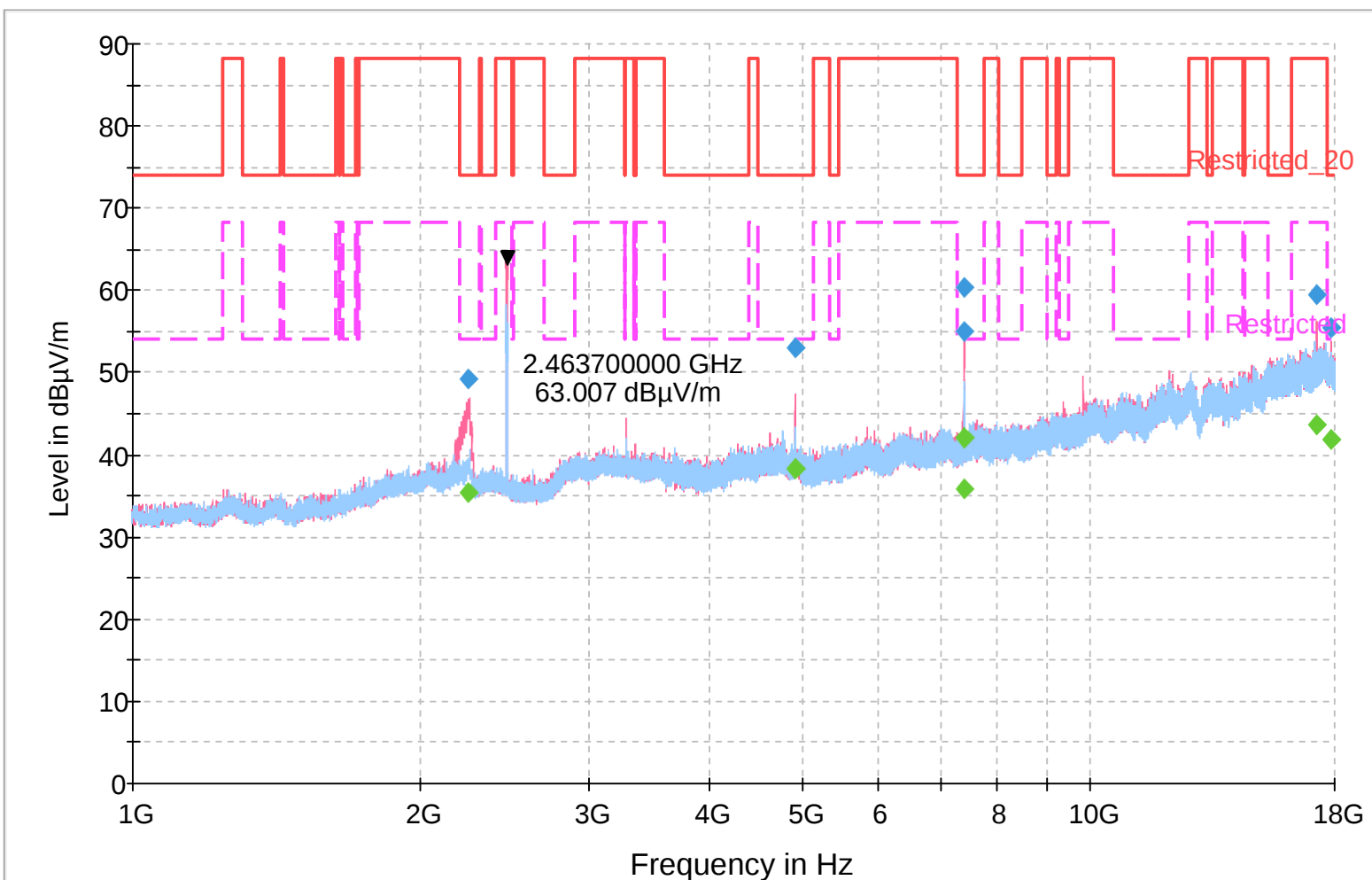
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2256.866667	47.5	100.0	V	341.0	1.2	26.50	74.00	
3249.100000	47.5	192.0	V	1.0	3.1	40.70	88.20	
4874.300000	53.9	114.0	V	230.0	5.5	20.10	74.00	
7303.600000	53.6	236.0	H	72.0	9.6	20.40	74.00	
7312.666667	65.2	176.0	V	122.0	9.6	8.80	74.00	
15879.533333	53.4	158.0	H	117.0	21.4	20.60	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2256.866667	34.0	100.0	V	341.0	1.2	20.00	54.00	
3249.100000	42.0	192.0	V	1.0	3.1	26.20	68.20	
4874.300000	39.9	114.0	V	230.0	5.5	14.10	54.00	
7303.600000	32.3	236.0	H	72.0	9.6	21.70	54.00	
7312.666667	39.2	176.0	V	122.0	9.6	14.80	54.00	
15879.533333	40.3	158.0	H	117.0	21.4	13.70	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

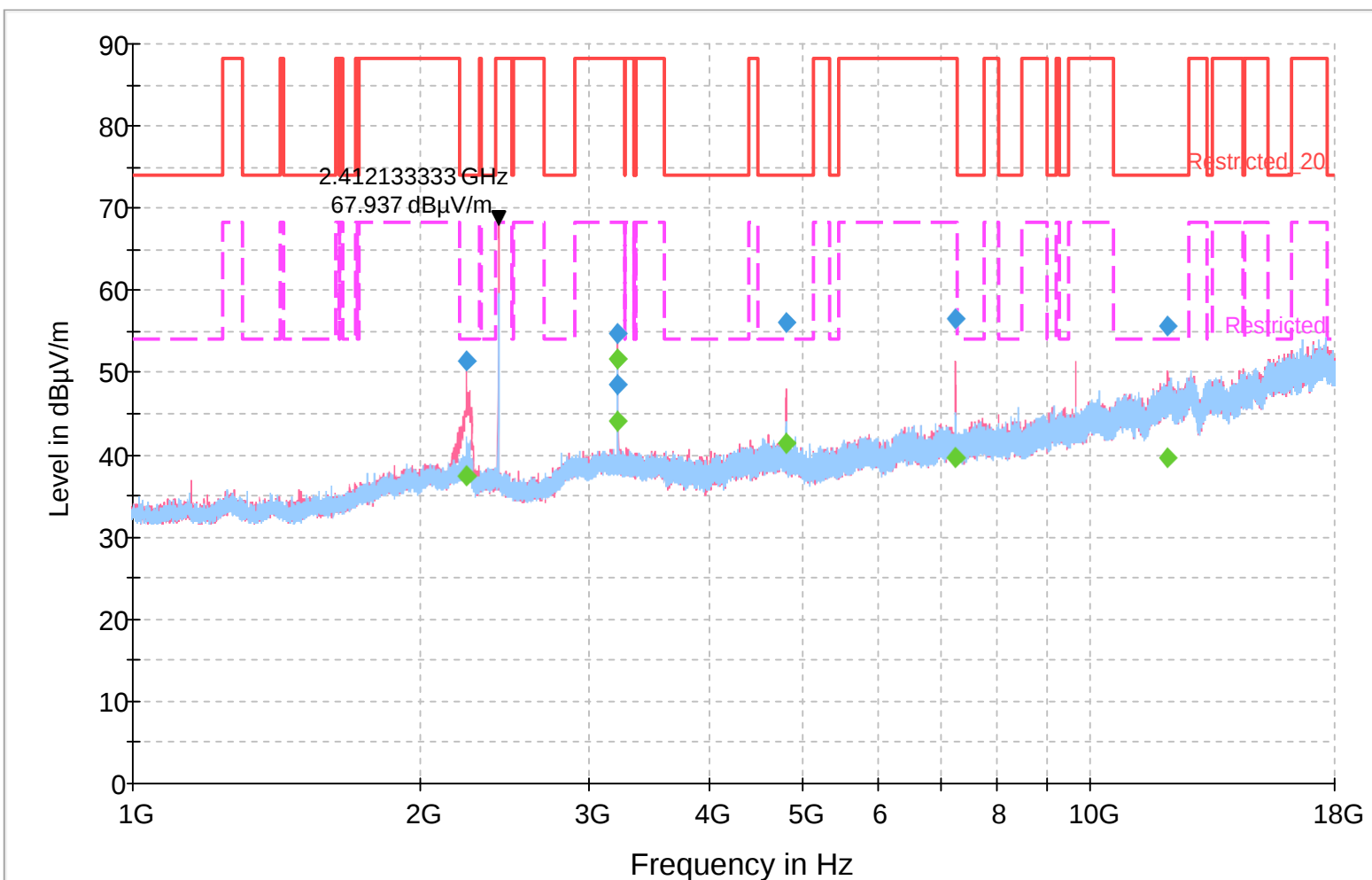
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2244.966667	49.2	198.0	V	166.0	1.1	24.80	74.00	
4927.000000	53.1	130.0	V	230.0	5.4	20.90	74.00	
7386.900000	55.0	235.0	H	122.0	9.7	19.00	74.00	
7389.166667	60.2	208.0	V	352.0	9.7	13.80	74.00	
17228.200000	59.5	200.0	V	146.0	22.6	28.70	88.20	
17864.566667	55.4	276.0	V	112.0	23.0	18.60	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2244.966667	35.5	198.0	V	166.0	1.1	18.50	54.00	
4927.000000	38.4	130.0	V	230.0	5.4	15.60	54.00	
7386.900000	35.9	235.0	H	122.0	9.7	18.10	54.00	
7389.166667	42.0	208.0	V	352.0	9.7	12.00	54.00	
17228.200000	43.6	200.0	V	146.0	22.6	24.60	68.20	
17864.566667	41.8	276.0	V	112.0	23.0	12.20	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

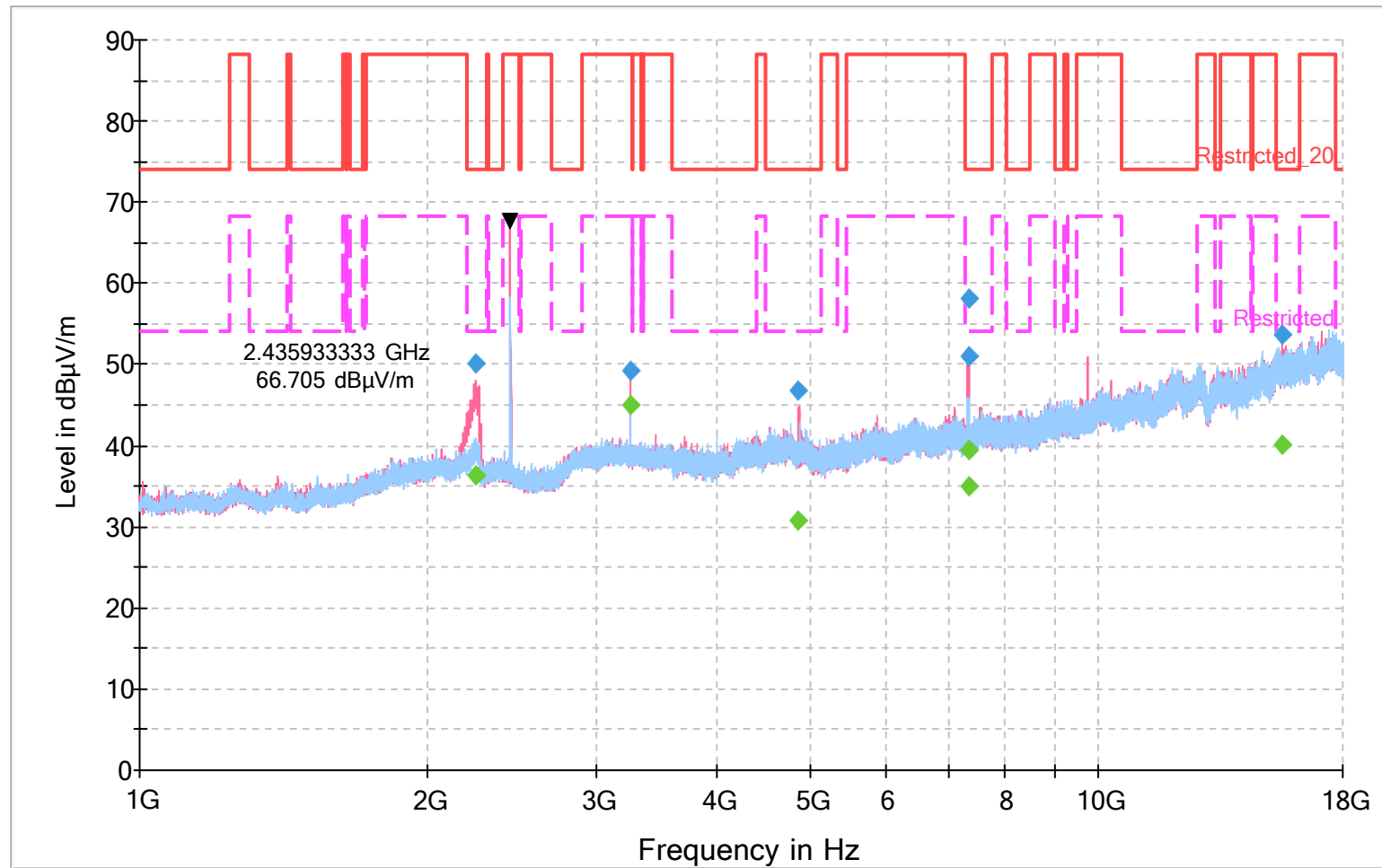
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	51.5	200.0	V	185.0	1.1	22.50	74.00	
3216.233333	48.7	137.0	H	228.0	3.1	39.50	88.20	
3216.800000	54.8	252.0	V	53.0	3.1	33.40	88.20	
4825.566667	56.0	179.0	V	164.0	5.5	18.00	74.00	
7238.433333	56.5	242.0	V	48.0	9.6	31.70	88.20	
12064.166667	55.7	208.0	V	44.0	17.4	18.30	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	37.5	200.0	V	185.0	1.1	16.50	54.00	
3216.233333	44.0	137.0	H	228.0	3.1	24.20	68.20	
3216.800000	51.7	252.0	V	53.0	3.1	16.50	68.20	
4825.566667	41.4	179.0	V	164.0	5.5	12.60	54.00	
7238.433333	39.6	242.0	V	48.0	9.6	28.60	68.20	
12064.166667	39.6	208.0	V	44.0	17.4	14.40	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



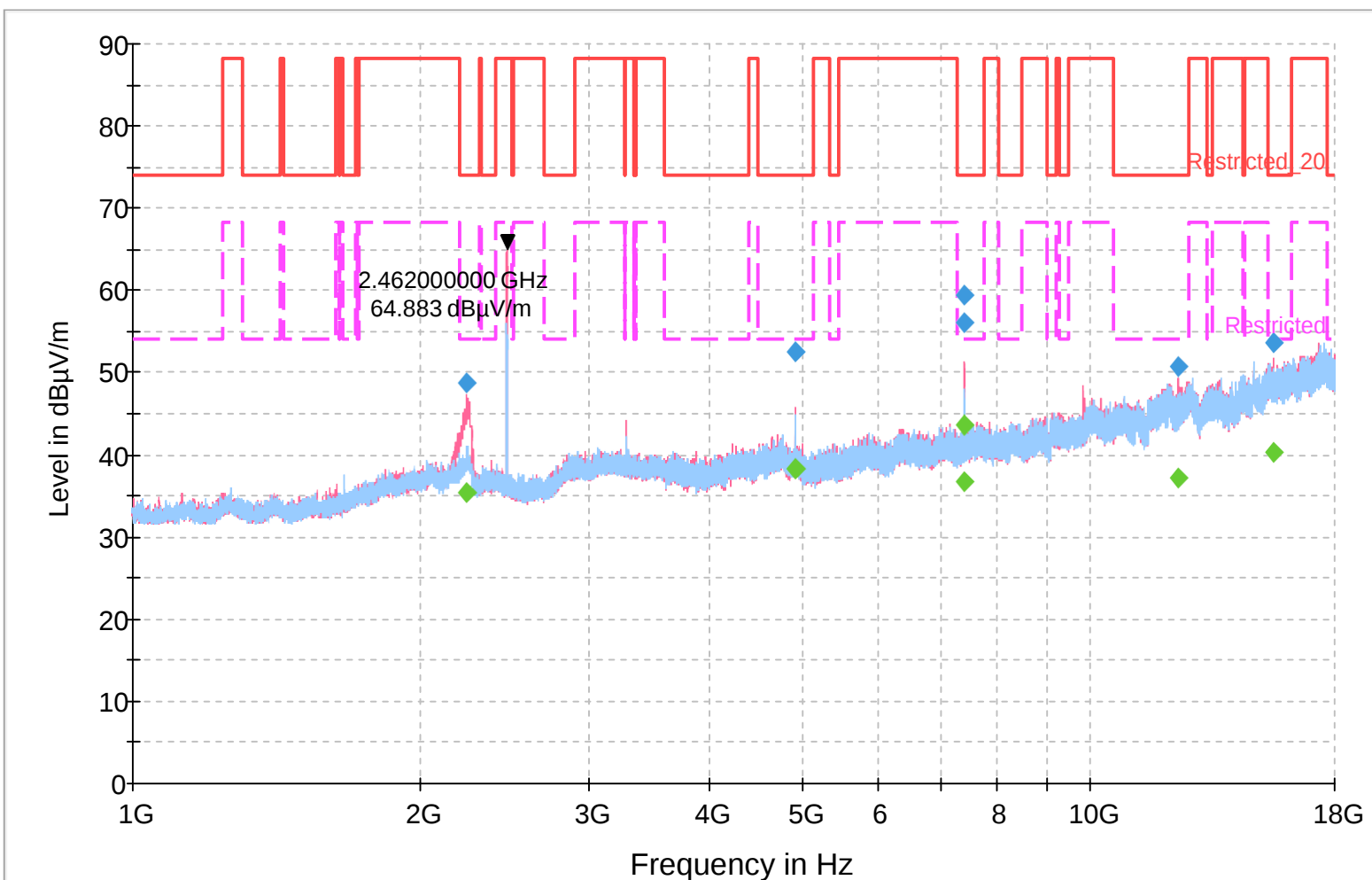
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2246.100000	50.1	198.0	V	194.0	1.1	23.90	74.00	
3249.666667	49.3	232.0	V	1.0	3.1	38.90	88.20	
4870.900000	46.7	110.0	V	272.0	5.5	27.30	74.00	
7313.800000	50.9	247.0	H	253.0	9.6	23.10	74.00	
7314.366667	58.1	206.0	V	321.0	9.6	15.90	74.00	
15561.066667	53.6	206.0	V	44.0	20.8	20.40	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2246.100000	36.4	198.0	V	194.0	1.1	17.60	54.00	
3249.666667	45.0	232.0	V	1.0	3.1	23.20	68.20	
4870.900000	30.7	110.0	V	272.0	5.5	23.30	54.00	
7313.800000	35.1	247.0	H	253.0	9.6	18.90	54.00	
7314.366667	39.6	206.0	V	321.0	9.6	14.40	54.00	
15561.066667	40.2	206.0	V	44.0	20.8	13.80	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

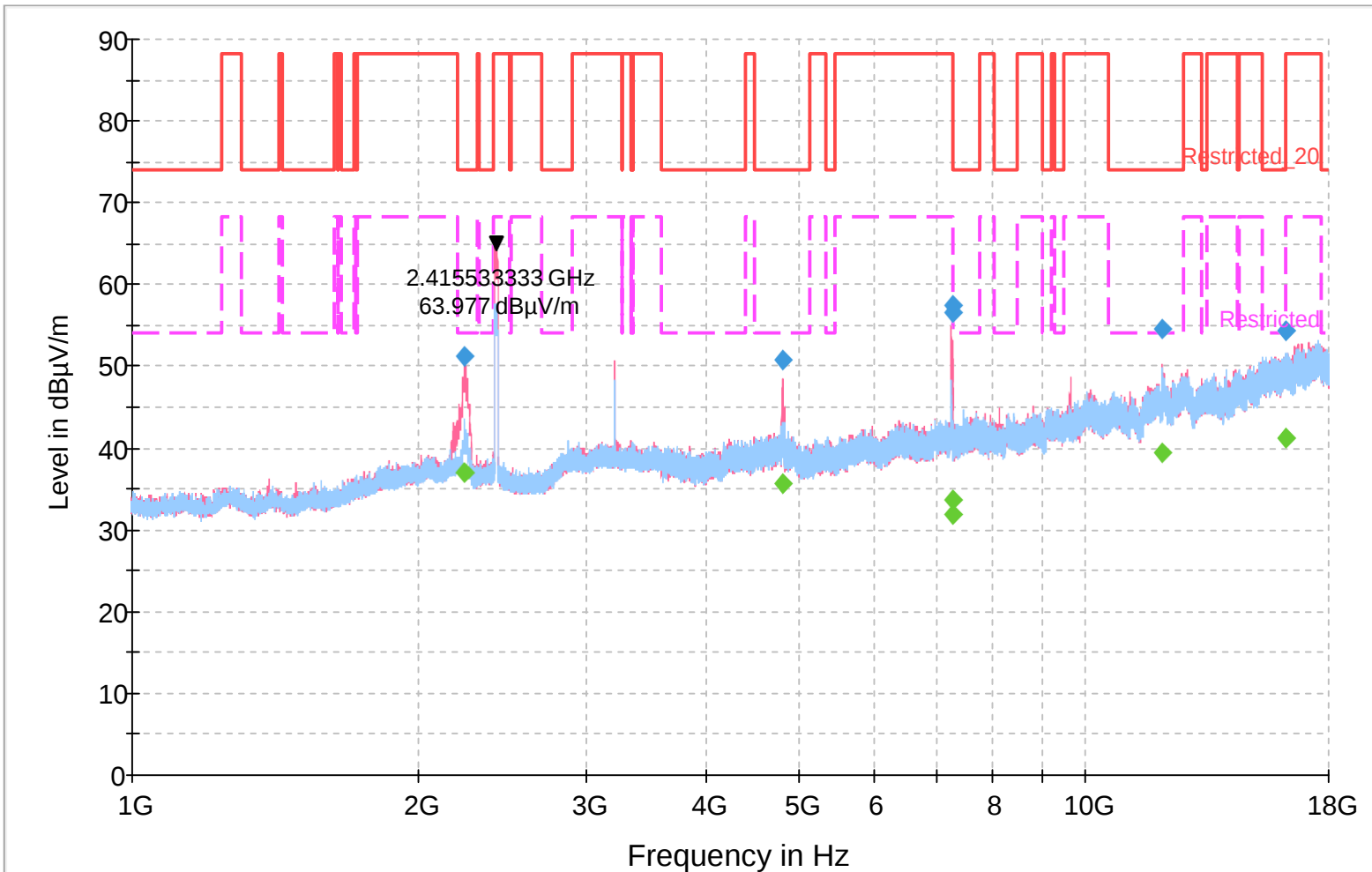
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.600000	48.8	176.0	V	155.0	1.1	25.20	74.00	
4924.733333	52.5	130.0	V	220.0	5.4	21.50	74.00	
7386.333333	56.1	195.0	H	236.0	9.7	17.90	74.00	
7386.900000	59.5	219.0	V	58.0	9.7	14.50	74.00	
12368.466667	50.7	125.0	V	268.0	17.7	23.30	74.00	
15546.900000	53.6	235.0	V	165.0	20.8	20.40	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.600000	35.6	176.0	V	155.0	1.1	18.40	54.00	
4924.733333	38.4	130.0	V	220.0	5.4	15.60	54.00	
7386.333333	36.8	195.0	H	236.0	9.7	17.20	54.00	
7386.900000	43.6	219.0	V	58.0	9.7	10.40	54.00	
12368.466667	37.3	125.0	V	268.0	17.7	16.70	54.00	
15546.900000	40.3	235.0	V	165.0	20.8	13.70	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

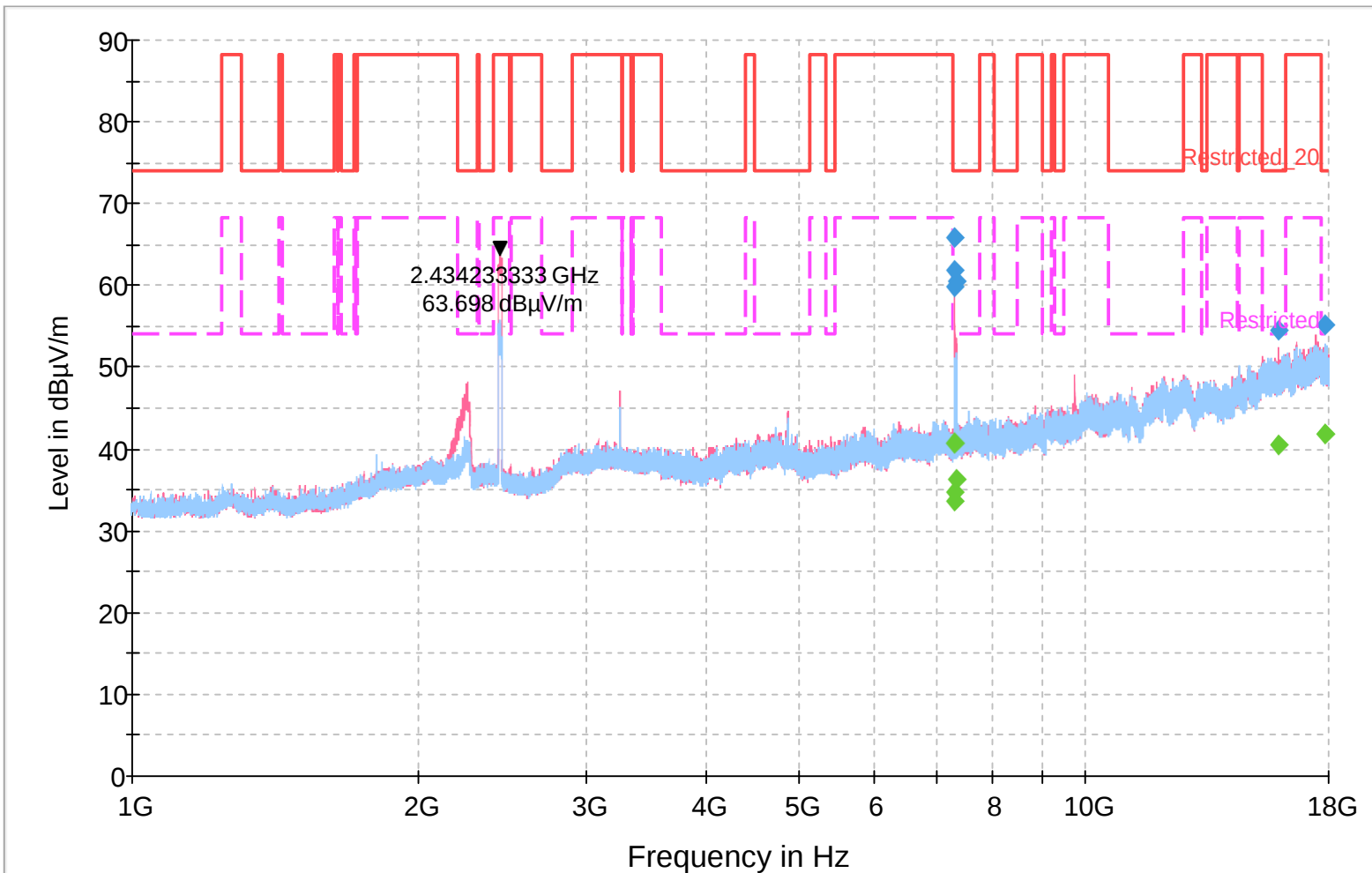
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.600000	51.2	240.0	V	142.0	1.1	22.80	74.00	
4810.833333	50.7	168.0	V	286.0	5.6	23.30	74.00	
7250.900000	57.4	250.0	V	40.0	9.6	16.60	74.00	
7253.166667	56.6	199.0	V	321.0	9.6	17.40	74.00	
12060.200000	54.5	195.0	V	43.0	17.4	19.50	74.00	
16240.500000	54.4	283.0	H	81.0	21.9	33.80	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.600000	37.1	240.0	V	142.0	1.1	16.90	54.00	
4810.833333	35.6	168.0	V	286.0	5.6	18.40	54.00	
7250.900000	31.8	250.0	V	40.0	9.6	22.20	54.00	
7253.166667	33.8	199.0	V	321.0	9.6	20.20	54.00	
12060.200000	39.4	195.0	V	43.0	17.4	14.60	54.00	
16240.500000	41.2	283.0	H	81.0	21.9	27.00	68.20	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



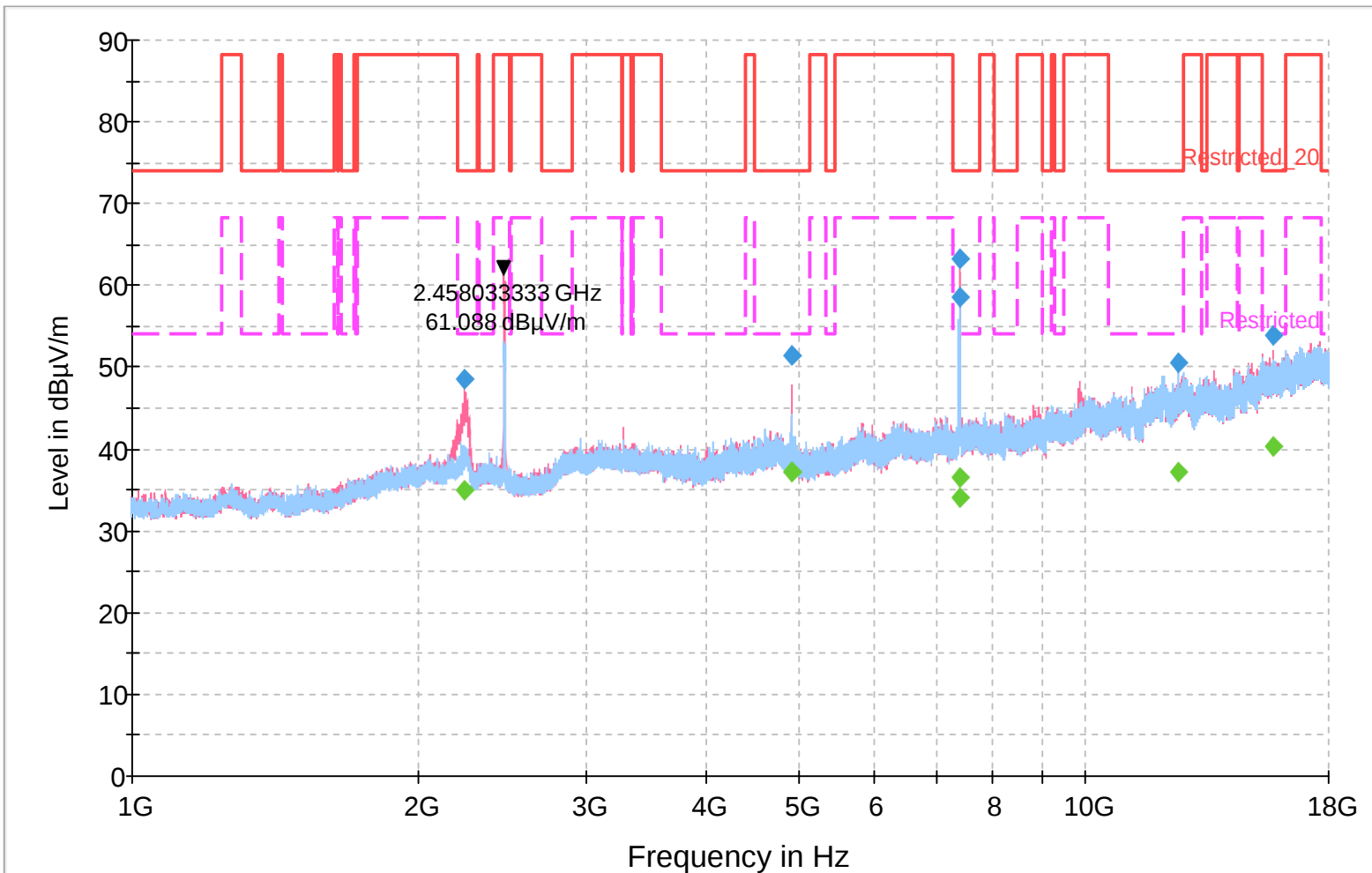
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
7292.833333	59.8	244.0	V	134.0	9.6	14.20	74.00	
7297.933333	61.9	199.0	V	338.0	9.6	12.10	74.00	
7308.700000	65.8	198.0	V	315.0	9.6	8.20	74.00	
7328.533333	60.5	215.0	V	66.0	9.6	13.50	74.00	
15938.466667	54.5	368.0	V	29.0	21.6	19.50	74.00	
17867.400000	55.3	189.0	H	81.0	23.1	18.70	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
7292.833333	33.6	244.0	V	134.0	9.6	20.40	54.00	
7297.933333	34.7	199.0	V	338.0	9.6	19.30	54.00	
7308.700000	40.7	198.0	V	315.0	9.6	13.30	54.00	
7328.533333	36.3	215.0	V	66.0	9.6	17.70	54.00	
15938.466667	40.5	368.0	V	29.0	21.6	13.50	54.00	
17867.400000	41.9	189.0	H	81.0	23.1	12.10	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20 Restricted Preview Result 1V-PK+
Preview Result 1H-PK+ Final Result 1-PK+ Final Result 2-AVG

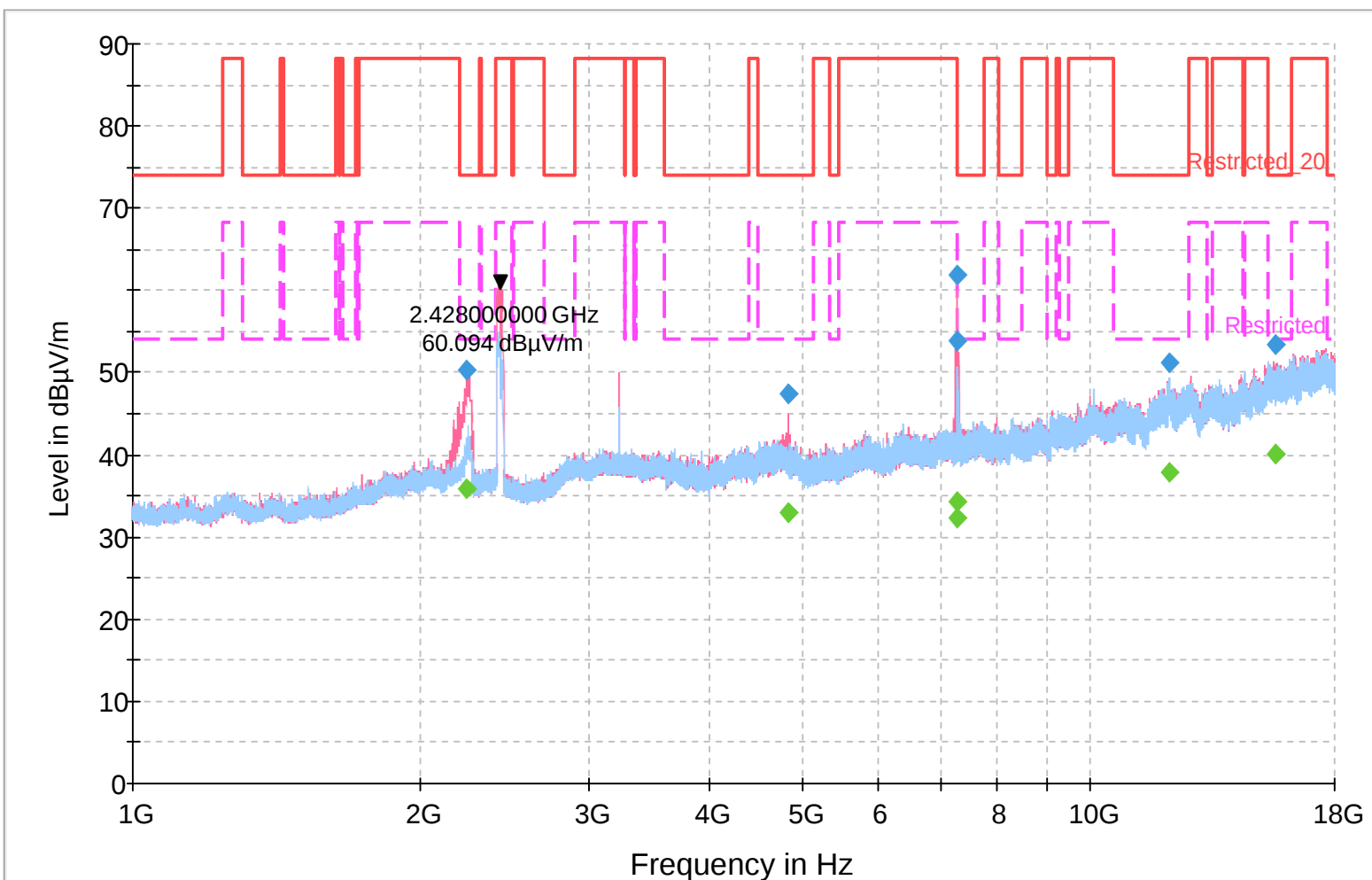
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2235.900000	48.5	244.0	V	178.0	1.1	25.50	74.00	
4925.866667	51.3	141.0	V	221.0	5.4	22.70	74.00	
7389.166667	63.2	137.0	V	24.0	9.7	10.80	74.00	
7399.366667	58.4	238.0	H	108.0	9.7	15.60	74.00	
12522.600000	50.6	397.0	H	134.0	18.0	23.40	74.00	
15725.400000	53.9	164.0	V	34.0	21.1	20.10	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2235.900000	35.1	244.0	V	178.0	1.1	18.90	54.00	
4925.866667	37.2	141.0	V	221.0	5.4	16.80	54.00	
7389.166667	36.7	137.0	V	24.0	9.7	17.40	54.00	
7399.366667	34.1	238.0	H	108.0	9.7	19.90	54.00	
12522.600000	37.3	397.0	H	134.0	18.0	16.70	54.00	
15725.400000	40.4	164.0	V	34.0	21.1	13.60	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

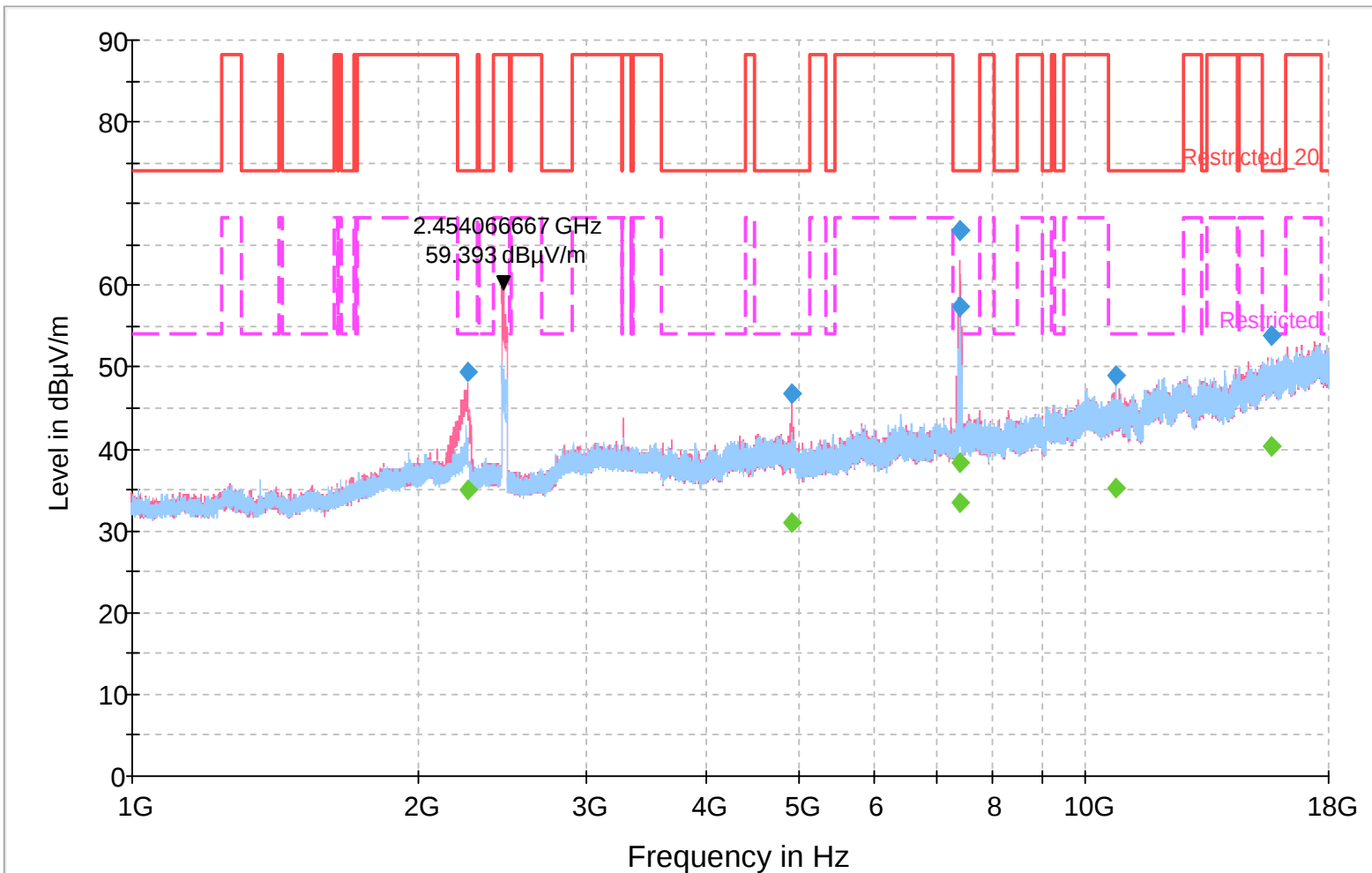
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.033333	50.4	160.0	V	184.0	1.1	23.60	74.00	
4843.133333	47.4	162.0	V	220.0	5.5	26.60	74.00	
7256.000000	53.8	242.0	H	212.0	9.6	20.20	74.00	
7275.833333	61.8	195.0	V	314.0	9.6	12.20	74.00	
12097.600000	51.1	156.0	V	313.0	17.6	22.90	74.00	
15574.666667	53.4	287.0	V	327.0	20.8	20.60	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2237.033333	36.0	160.0	V	184.0	1.1	18.00	54.00	
4843.133333	33.1	162.0	V	220.0	5.5	20.90	54.00	
7256.000000	32.3	242.0	H	212.0	9.6	21.70	54.00	
7275.833333	34.4	195.0	V	314.0	9.6	19.60	54.00	
12097.600000	37.8	156.0	V	313.0	17.6	16.20	54.00	
15574.666667	40.2	287.0	V	327.0	20.8	13.80	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20 Restricted Preview Result 1V-PK+
Preview Result 1H-PK+ Final Result 1-PK+ Final Result 2-AVG

Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2250.633333	49.5	217.0	V	177.0	1.2	24.50	74.00	
4919.066667	46.8	149.0	V	221.0	5.4	27.20	74.00	
7395.966667	66.8	211.0	V	315.0	9.7	7.20	74.00	
7396.533333	57.3	149.0	H	120.0	9.7	16.70	74.00	
10767.633333	49.0	299.0	H	63.0	15.0	25.00	74.00	
15680.066667	53.8	253.0	H	278.0	21.0	20.20	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2250.633333	35.1	217.0	V	177.0	1.2	18.90	54.00	
4919.066667	31.1	149.0	V	221.0	5.4	22.90	54.00	
7395.966667	38.4	211.0	V	315.0	9.7	15.60	54.00	
7396.533333	33.4	149.0	H	120.0	9.7	20.60	54.00	
10767.633333	35.2	299.0	H	63.0	15.0	18.80	54.00	
15680.066667	40.4	253.0	H	278.0	21.0	13.60	54.00	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

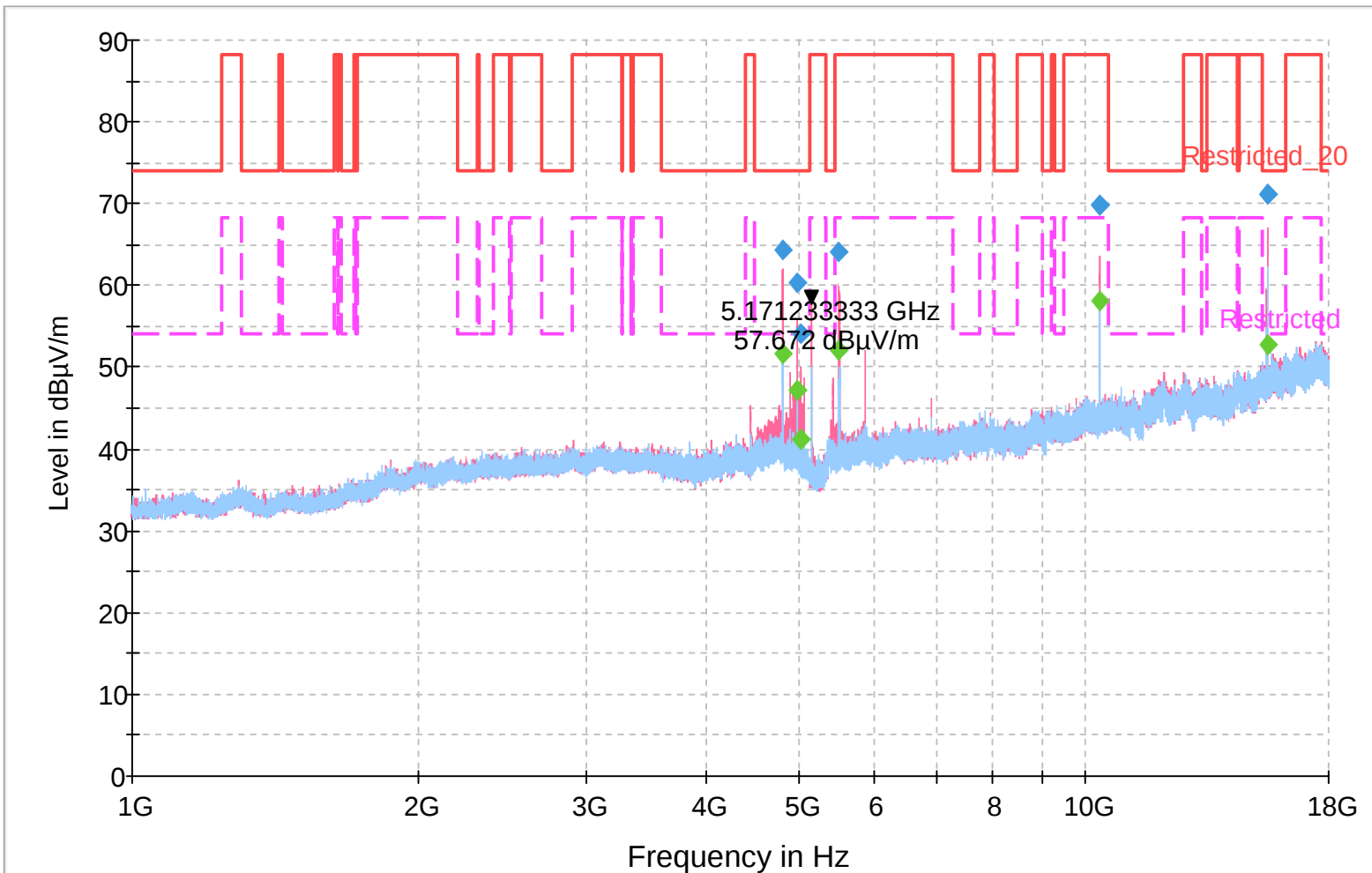
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	David Vivanco

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11a, 5MHz, 23dB, 5170MHz

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

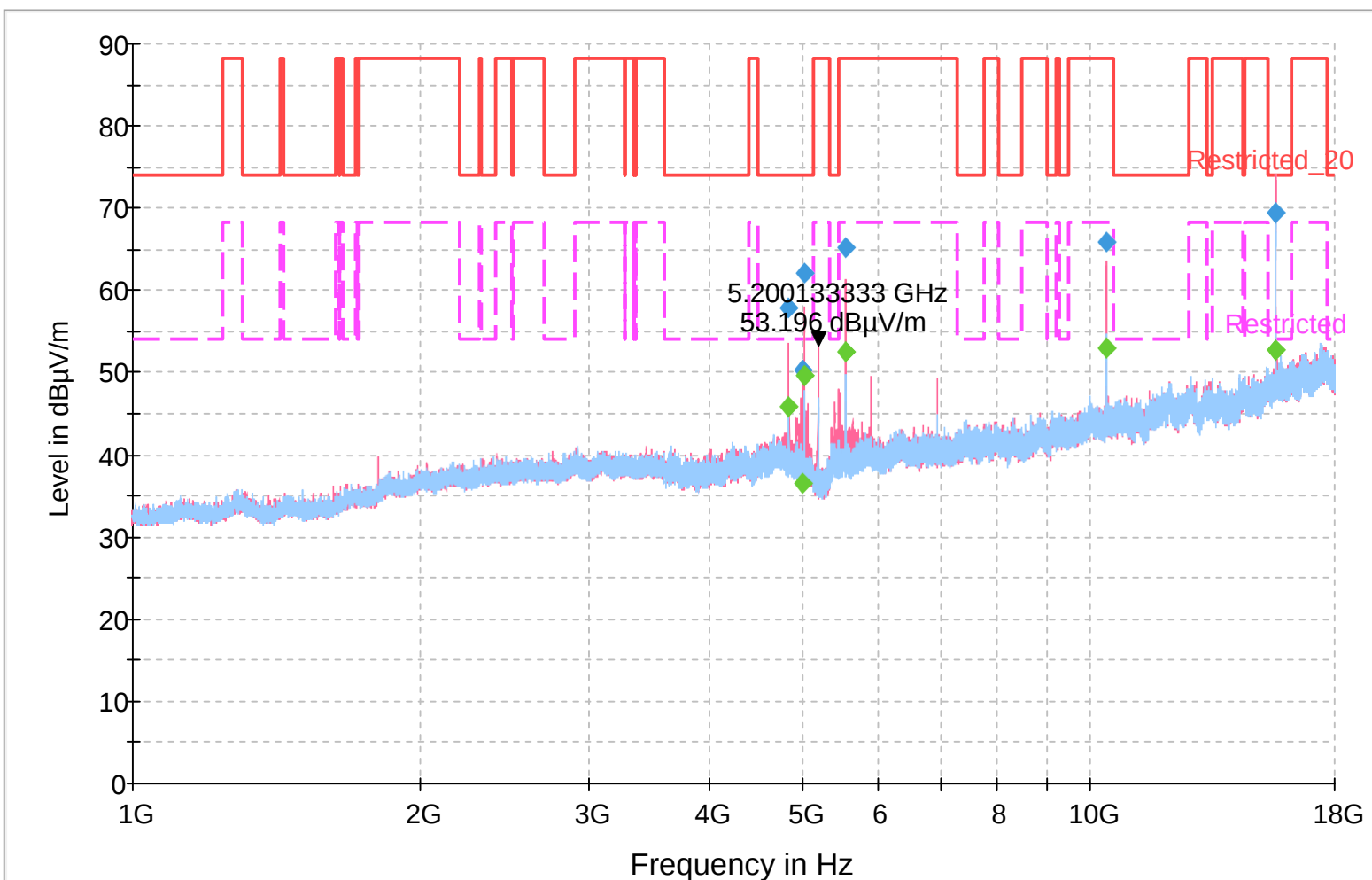
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4817.633333	64.4	254.0	V	19.0	5.6	9.60	74.00	
4993.300000	60.3	248.0	V	20.0	5.4	13.70	74.00	
5038.066667	54.1	236.0	V	15.0	5.5	19.90	74.00	
5521.433333	64.1	232.0	V	15.0	6.6	24.10	88.20	
10341.500000	69.7	197.0	V	114.0	14.8	18.50	88.20	
15515.166667	71.1	193.0	V	235.0	20.8	2.90	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4817.633333	51.6	254.0	V	19.0	5.6	2.40	54.00	
4993.300000	47.2	248.0	V	20.0	5.4	6.80	54.00	
5038.066667	41.2	236.0	V	15.0	5.5	12.80	54.00	
5521.433333	52.0	232.0	V	15.0	6.6	16.20	68.20	
10341.500000	58.1	197.0	V	114.0	14.8	10.10	68.20	
15515.166667	52.8	193.0	V	235.0	20.8	1.20	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

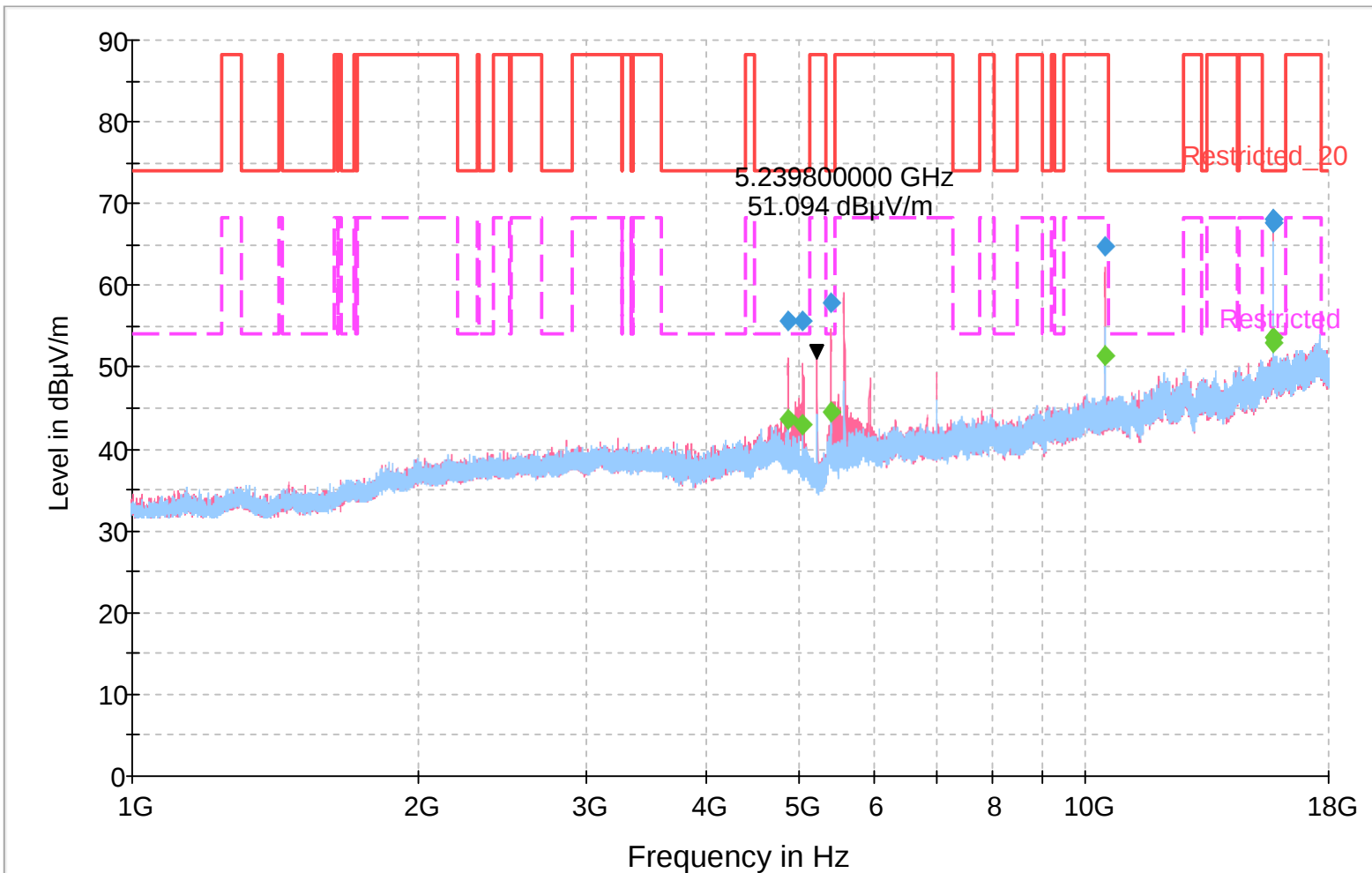
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4848.800000	57.9	187.0	V	166.0	5.5	16.10	74.00	
5008.033333	50.2	192.0	V	282.0	5.5	23.80	74.00	
5023.900000	62.0	192.0	V	118.0	5.5	12.00	74.00	
5552.600000	65.2	200.0	V	16.0	6.6	23.00	88.20	
10401.000000	65.7	148.0	V	1.0	14.8	22.50	88.20	
15600.166667	69.4	110.0	V	183.0	20.8	4.60	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4848.800000	45.9	187.0	V	166.0	5.5	8.10	54.00	
5008.033333	36.6	192.0	V	282.0	5.5	17.40	54.00	
5023.900000	49.7	192.0	V	118.0	5.5	4.30	54.00	
5552.600000	52.4	200.0	V	16.0	6.6	15.80	68.20	
10401.000000	53.1	148.0	V	1.0	14.8	15.10	68.20	
15600.166667	52.8	110.0	V	183.0	20.8	1.20	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

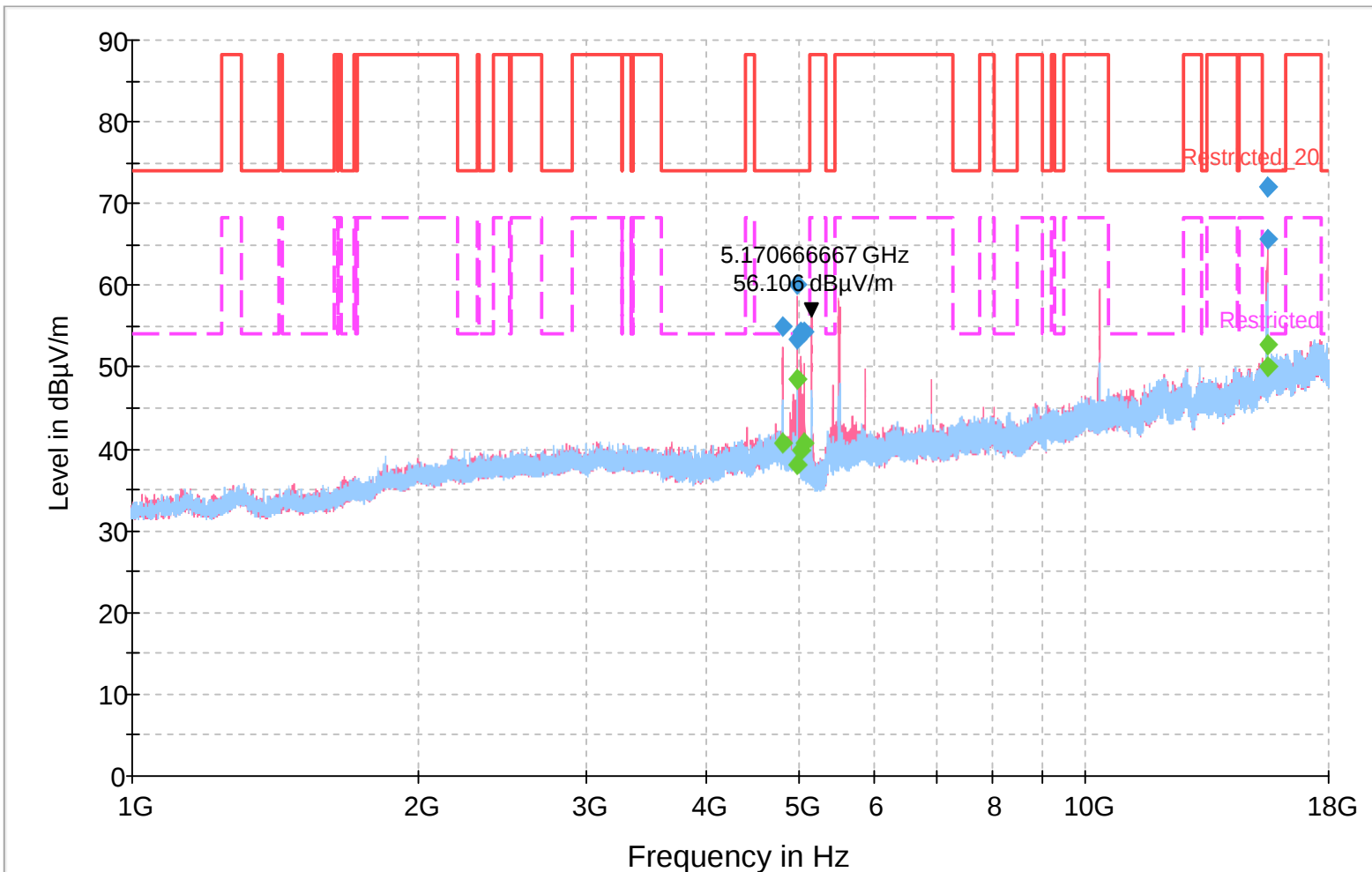
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4888.466667	55.5	172.0	V	135.0	5.4	18.50	74.00	
5063.566667	55.6	189.0	V	142.0	5.5	18.50	74.00	
5416.033333	57.9	164.0	V	155.0	6.6	16.10	74.00	
10482.033333	64.8	252.0	V	184.0	14.9	23.40	88.20	
15720.300000	68.1	200.0	H	294.0	21.1	5.90	74.00	
15723.133333	67.7	133.0	V	145.0	21.1	6.30	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4888.466667	43.8	172.0	V	135.0	5.4	10.20	54.00	
5063.566667	43.1	189.0	V	142.0	5.5	10.90	54.00	
5416.033333	44.6	164.0	V	155.0	6.6	9.40	54.00	
10482.033333	51.4	252.0	V	184.0	14.9	16.80	68.20	
15720.300000	53.6	200.0	H	294.0	21.1	0.40	54.00	
15723.133333	53.1	133.0	V	145.0	21.1	0.90	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

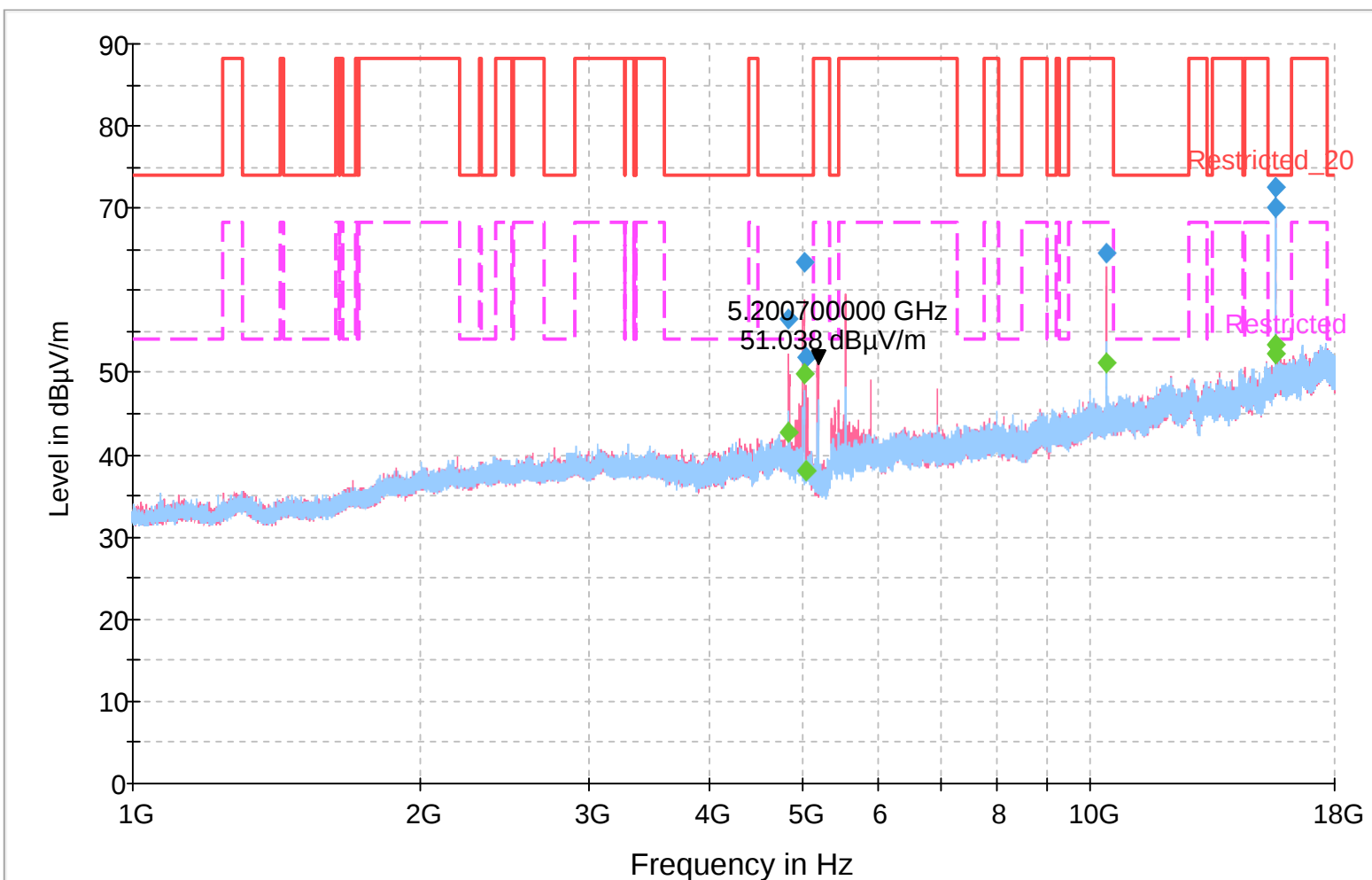
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4815.933333	54.9	188.0	V	165.0	5.6	19.10	74.00	
4993.866667	60.0	167.0	V	198.0	5.4	14.00	74.00	
4995.566667	53.3	137.0	H	325.0	5.4	20.70	74.00	
5035.233333	54.4	208.0	V	123.0	5.5	19.60	74.00	
5080.566667	54.3	208.0	V	122.0	5.4	19.70	74.00	
15508.366667	72.1	200.0	V	188.0	20.8	1.90	74.00	
15514.033333	65.6	200.0	H	289.0	20.8	8.40	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4815.933333	40.7	188.0	V	165.0	5.6	13.30	54.00	
4993.866667	48.5	167.0	V	198.0	5.4	5.50	54.00	
4995.566667	38.1	137.0	H	325.0	5.4	15.90	54.00	
5035.233333	39.9	208.0	V	123.0	5.5	14.10	54.00	
5080.566667	40.9	208.0	V	122.0	5.4	13.10	54.00	
15508.366667	52.7	200.0	V	188.0	20.8	1.30	54.00	
15514.033333	50.2	200.0	H	289.0	20.8	3.80	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

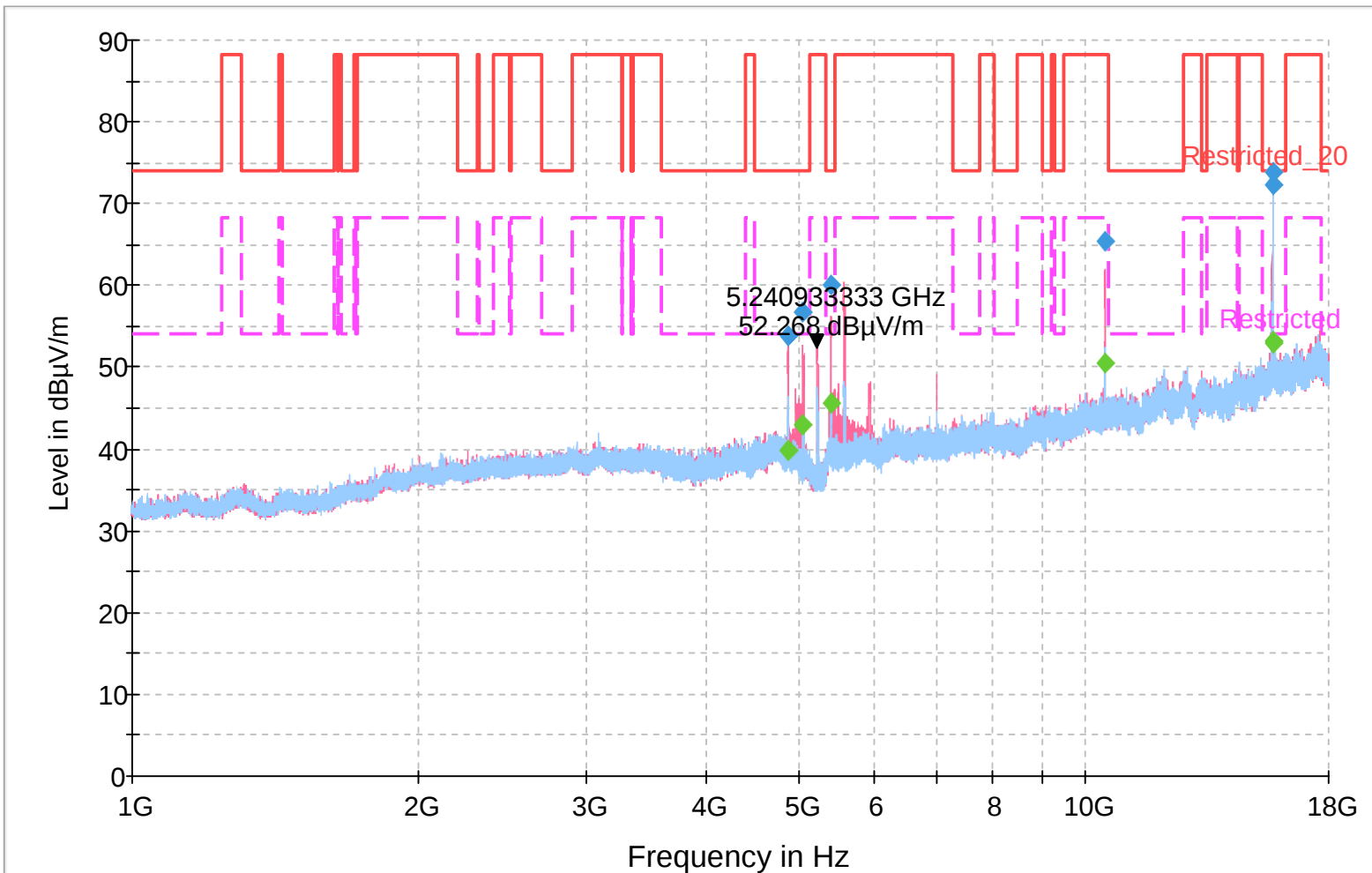
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4847.666667	56.6	190.0	V	165.0	5.5	17.40	74.00	
5024.466667	63.4	185.0	V	197.0	5.5	10.60	74.00	
5047.133333	51.8	164.0	V	197.0	5.5	22.20	74.00	
10399.866667	64.5	201.0	V	354.0	14.8	23.70	88.20	
15599.033333	70.0	203.0	H	305.0	20.8	4.00	74.00	
15604.133333	72.5	214.0	V	137.0	20.8	1.50	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4847.666667	42.8	190.0	V	165.0	5.5	11.20	54.00	
5024.466667	49.9	185.0	V	197.0	5.5	4.10	54.00	
5047.133333	38.1	164.0	V	197.0	5.5	15.90	54.00	
10399.866667	51.1	201.0	V	354.0	14.8	17.10	68.20	
15599.033333	52.4	203.0	H	305.0	20.8	1.60	54.00	
15604.133333	53.5	214.0	V	137.0	20.8	0.50	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

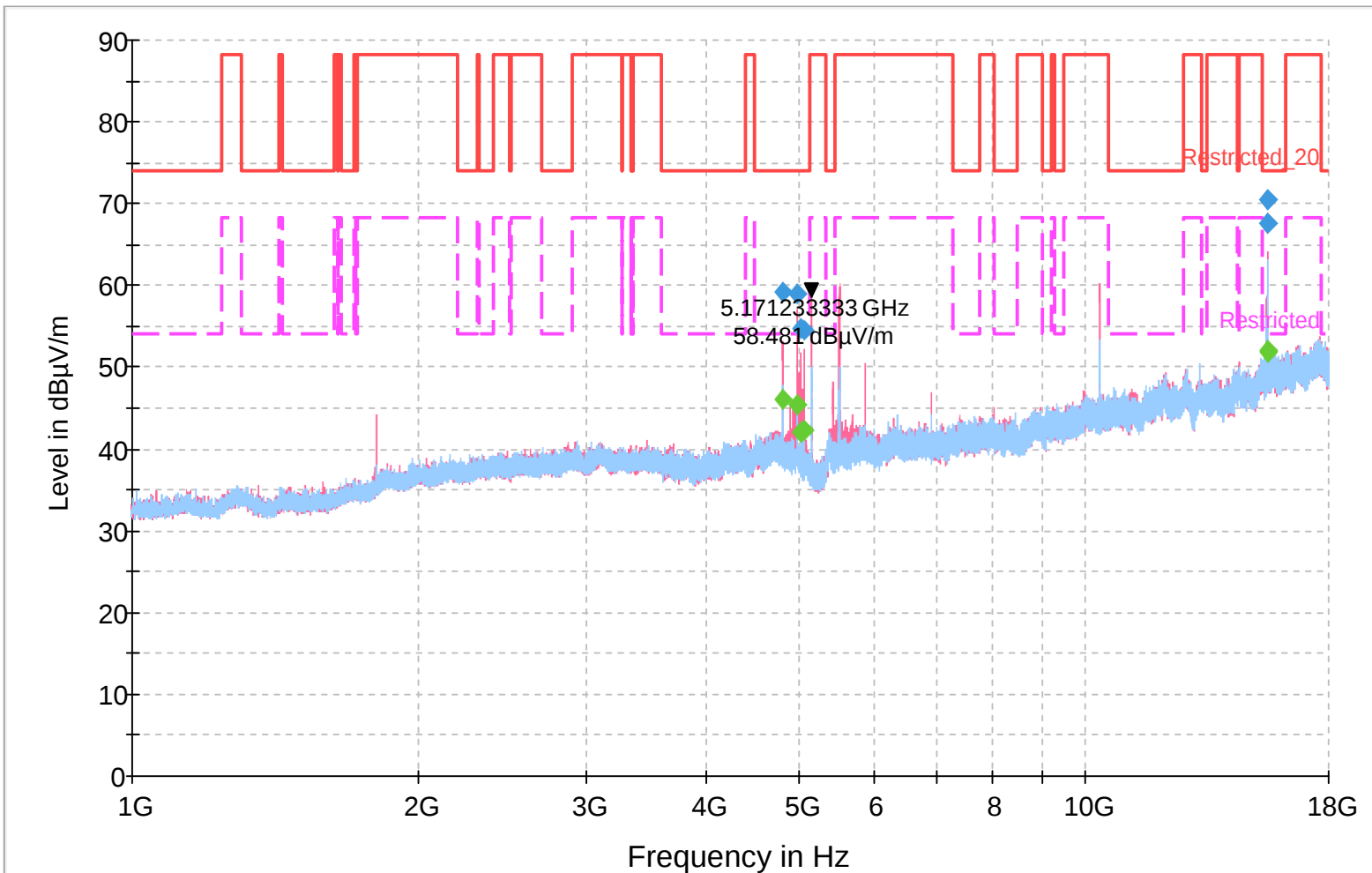
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4891.300000	53.9	218.0	V	137.0	5.4	20.10	74.00	
5063.000000	56.8	199.0	V	25.0	5.5	17.20	74.00	
5414.900000	60.1	165.0	V	208.0	6.6	13.90	74.00	
10476.366667	65.5	191.0	V	206.0	14.9	22.70	88.20	
15713.500000	72.2	148.0	V	359.0	21.1	1.80	74.00	
15720.866667	73.8	199.0	H	291.0	21.1	0.20	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4891.300000	39.9	218.0	V	137.0	5.4	14.10	54.00	
5063.000000	42.9	199.0	V	25.0	5.5	11.10	54.00	
5414.900000	45.6	165.0	V	208.0	6.6	8.40	54.00	
10476.366667	50.6	191.0	V	206.0	14.9	17.60	68.20	
15713.500000	52.9	148.0	V	359.0	21.1	1.10	54.00	
15720.866667	53.2	199.0	H	291.0	21.1	0.80	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

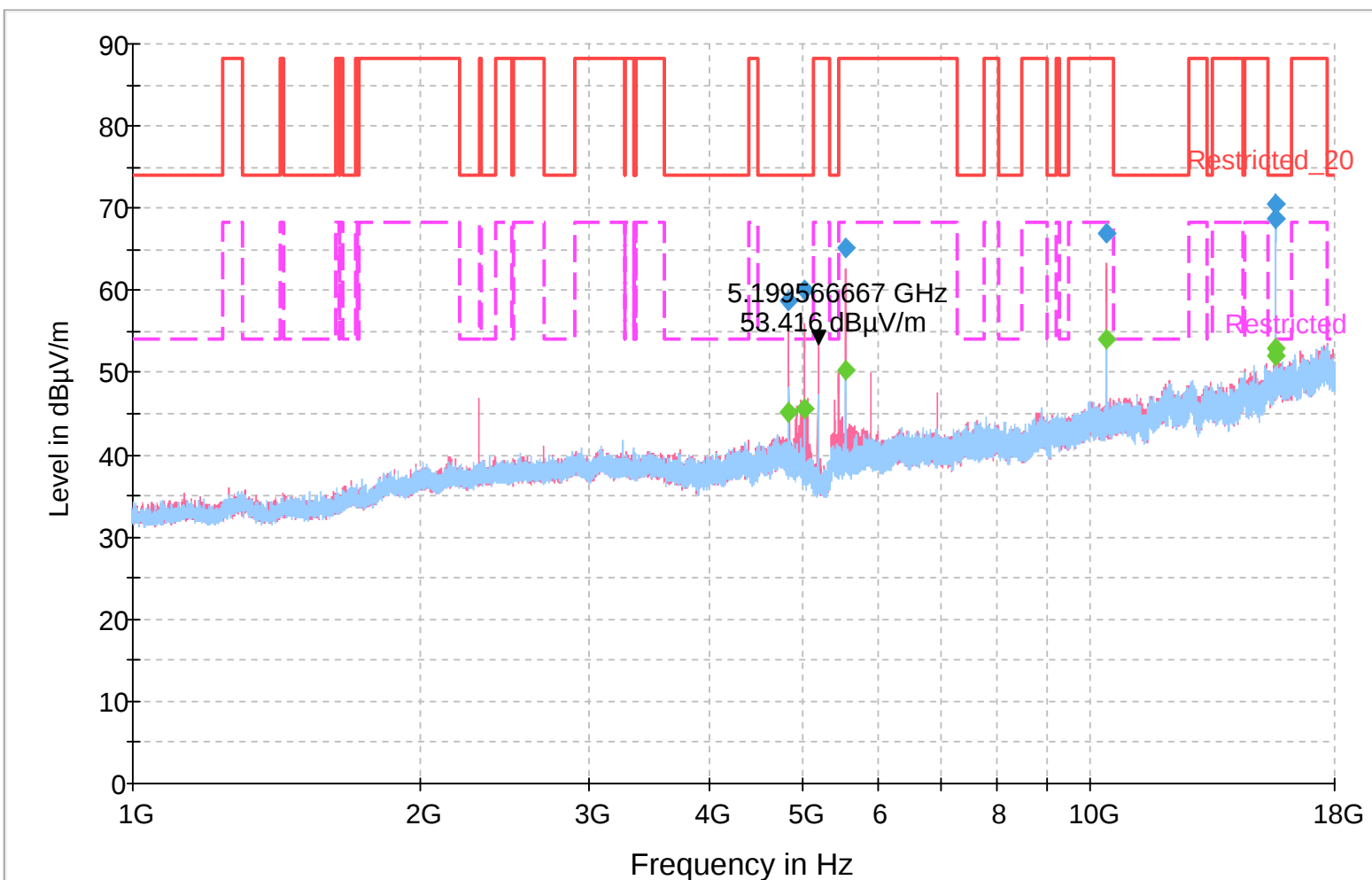
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4818.766667	59.1	208.0	V	184.0	5.6	14.90	74.00	
4995.000000	59.0	185.0	V	137.0	5.4	15.00	74.00	
5037.500000	54.8	188.0	V	142.0	5.5	19.20	74.00	
5082.266667	54.5	164.0	V	137.0	5.4	19.50	74.00	
15511.766667	67.7	194.0	H	85.0	20.8	6.30	74.00	
15513.466667	70.5	100.0	V	184.0	20.8	3.50	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4818.766667	46.1	208.0	V	184.0	5.6	7.90	54.00	
4995.000000	45.4	185.0	V	137.0	5.4	8.60	54.00	
5037.500000	42.1	188.0	V	142.0	5.5	11.90	54.00	
5082.266667	42.3	164.0	V	137.0	5.4	11.70	54.00	
15511.766667	52.0	194.0	H	85.0	20.8	2.00	54.00	
15513.466667	51.8	100.0	V	184.0	20.8	2.20	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

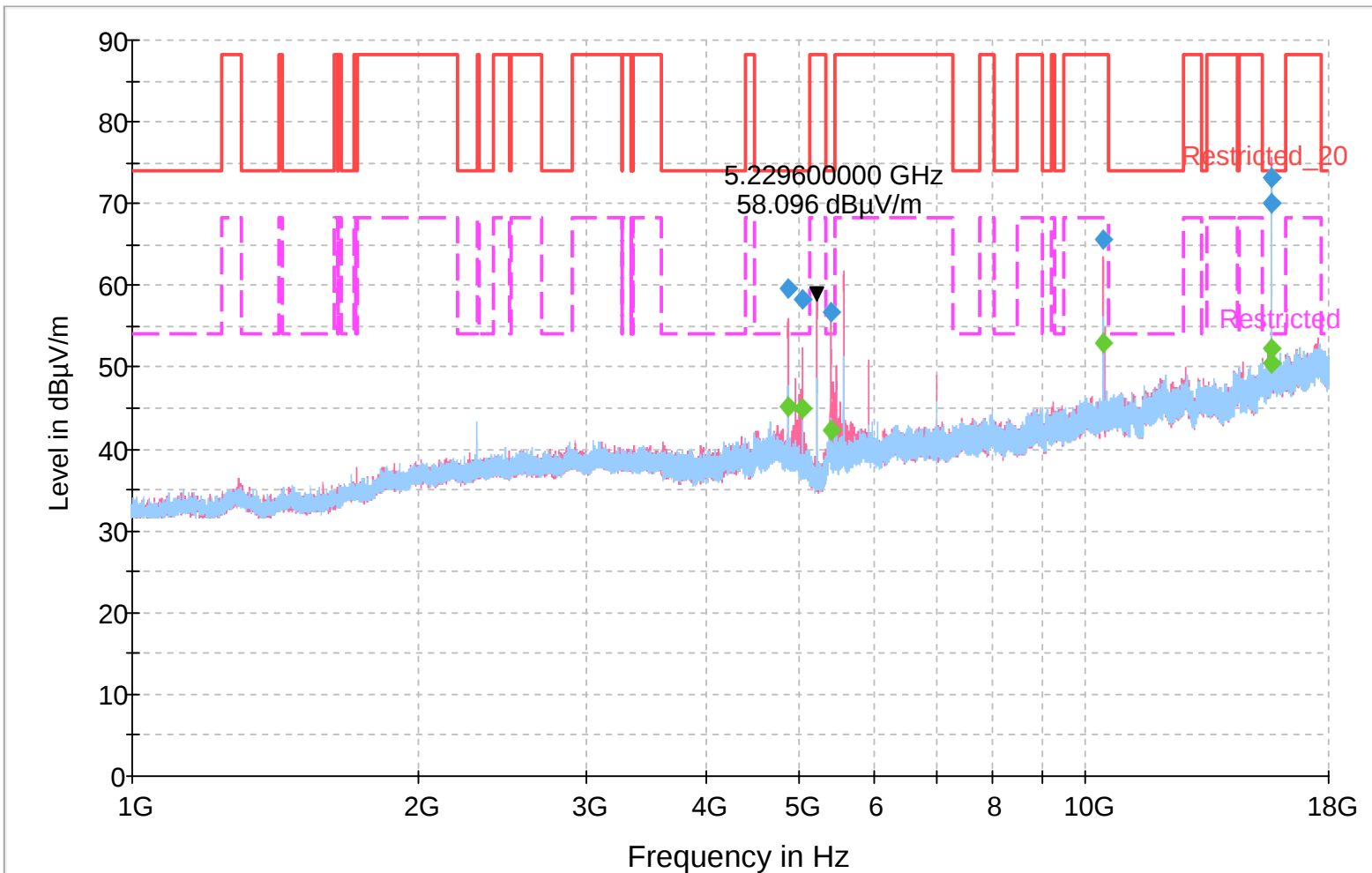
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4849.933333	58.8	189.0	V	183.0	5.5	15.20	74.00	
5023.333333	60.0	172.0	V	194.0	5.5	14.00	74.00	
5552.600000	65.1	185.0	V	62.0	6.6	23.10	88.20	
10399.866667	67.0	154.0	V	6.0	14.8	21.20	88.20	
15603.566667	70.6	191.0	H	315.0	20.8	3.40	74.00	
15604.700000	68.8	203.0	V	100.0	20.8	5.20	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4849.933333	45.2	189.0	V	183.0	5.5	8.80	54.00	
5023.333333	45.6	172.0	V	194.0	5.5	8.40	54.00	
5552.600000	50.3	185.0	V	62.0	6.6	17.90	68.20	
10399.866667	54.1	154.0	V	6.0	14.8	14.10	68.20	
15603.566667	52.1	191.0	H	315.0	20.8	1.90	54.00	
15604.700000	52.9	203.0	V	100.0	20.8	1.10	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

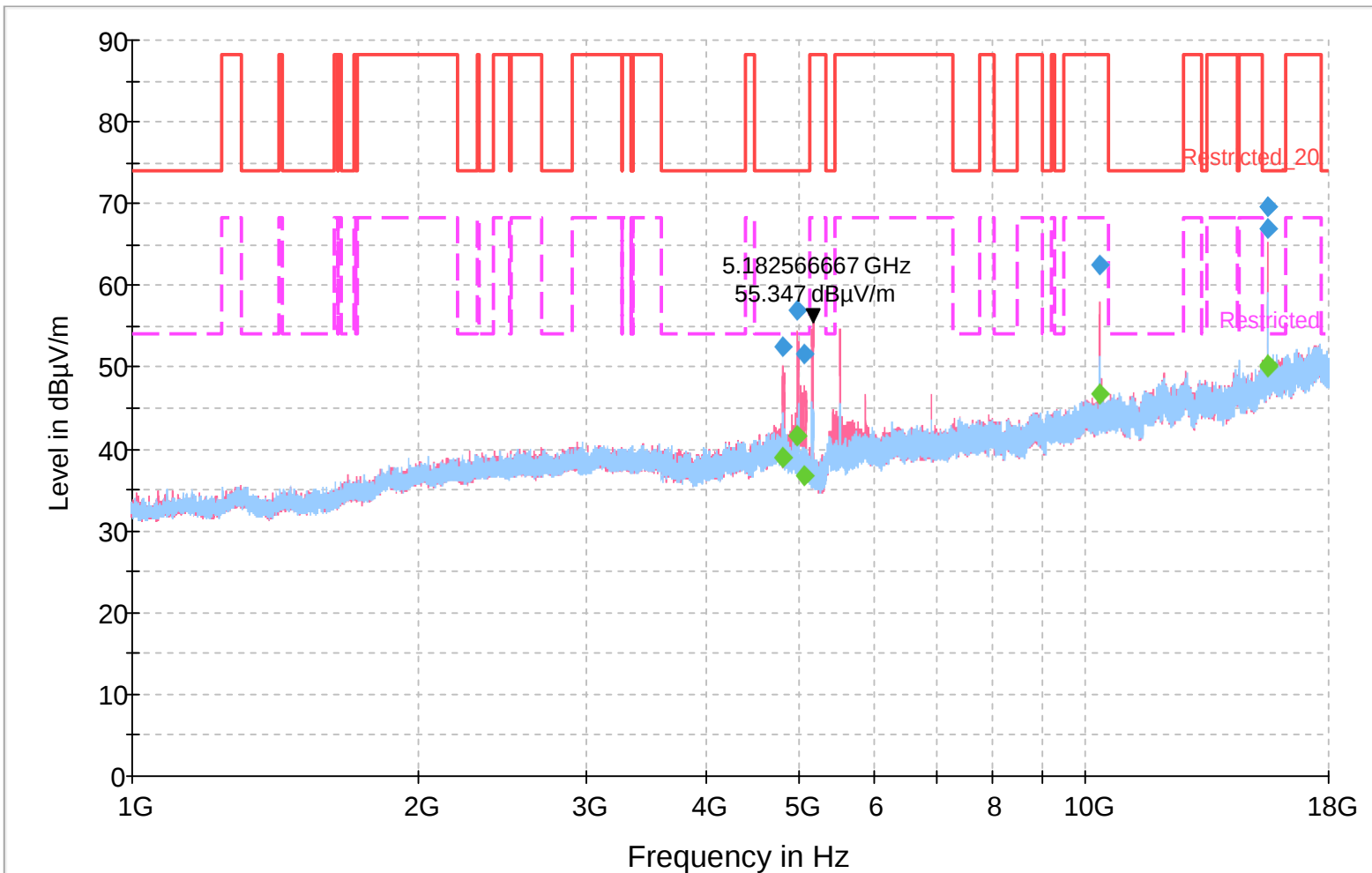
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4879.400000	59.7	196.0	V	184.0	5.4	14.30	74.00	
5055.066667	58.3	164.0	V	198.0	5.5	15.70	74.00	
5406.966667	56.8	196.0	V	281.0	6.6	17.20	74.00	
10459.933333	65.6	209.0	V	16.0	14.8	22.60	88.20	
15691.400000	73.2	153.0	V	281.0	21.1	0.80	74.00	
15691.966667	70.1	200.0	H	295.0	21.1	3.90	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4879.400000	45.1	196.0	V	184.0	5.4	8.90	54.00	
5055.066667	45.0	164.0	V	198.0	5.5	9.00	54.00	
5406.966667	42.3	196.0	V	281.0	6.6	11.70	54.00	
10459.933333	53.0	209.0	V	16.0	14.8	15.20	68.20	
15691.400000	52.3	153.0	V	281.0	21.1	1.70	54.00	
15691.966667	50.5	200.0	H	295.0	21.1	3.50	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

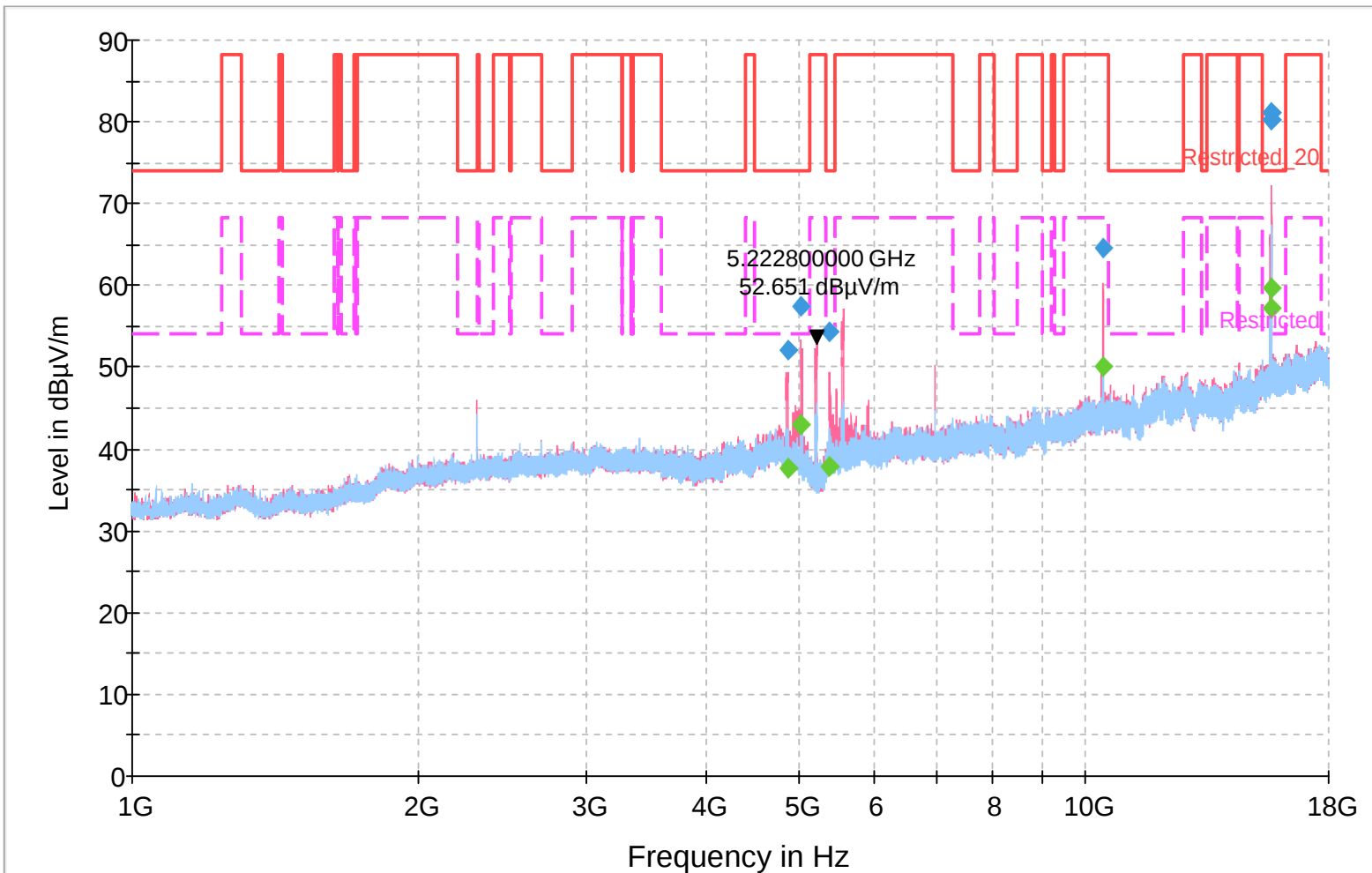
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4827.266667	52.6	207.0	V	180.0	5.5	21.40	74.00	
4997.833333	57.0	184.0	V	137.0	5.5	17.00	74.00	
5085.666667	51.6	195.0	V	180.0	5.4	22.40	74.00	
10360.766667	62.4	199.0	V	49.0	14.8	25.80	88.20	
15537.266667	69.7	236.0	V	245.0	20.8	4.30	74.00	
15545.766667	66.9	152.0	V	283.0	20.8	7.10	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4827.266667	39.0	207.0	V	180.0	5.5	15.00	54.00	
4997.833333	41.8	184.0	V	137.0	5.5	12.20	54.00	
5085.666667	36.7	195.0	V	180.0	5.4	17.30	54.00	
10360.766667	46.7	199.0	V	49.0	14.8	21.50	68.20	
15537.266667	50.3	236.0	V	245.0	20.8	3.70	54.00	
15545.766667	50.1	152.0	V	283.0	20.8	3.90	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

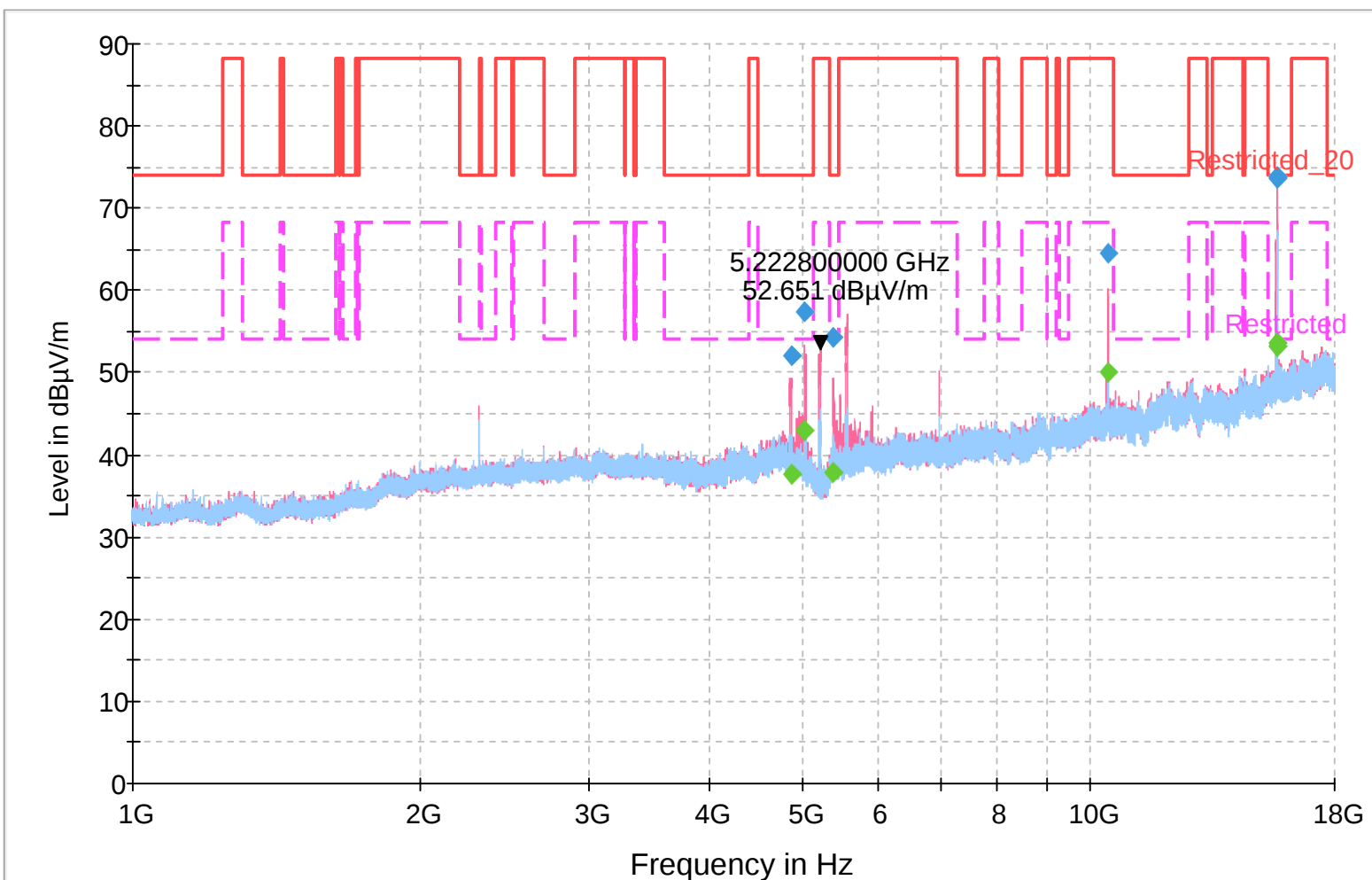
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4872.600000	52.1	189.0	V	182.0	5.5	21.90	74.00	
5040.333333	57.3	172.0	V	195.0	5.5	16.70	74.00	
5398.466667	54.2	195.0	V	281.0	6.6	19.80	74.00	
10440.100000	64.5	200.0	V	1.0	14.8	23.70	88.20	
15657.966667	81.2	202.0	V	151.0	21.0	-7.20	74.00	
15660.233333	80.1	209.0	H	292.0	21.0	-6.10	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4872.600000	37.7	189.0	V	182.0	5.5	16.30	54.00	
5040.333333	42.9	172.0	V	195.0	5.5	11.10	54.00	
5398.466667	37.9	195.0	V	281.0	6.6	16.10	54.00	
10440.100000	50.1	200.0	V	1.0	14.8	18.10	68.20	
15657.966667	59.6	202.0	V	151.0	21.0	-5.60	54.00	
15660.233333	57.2	209.0	H	292.0	21.0	-3.20	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

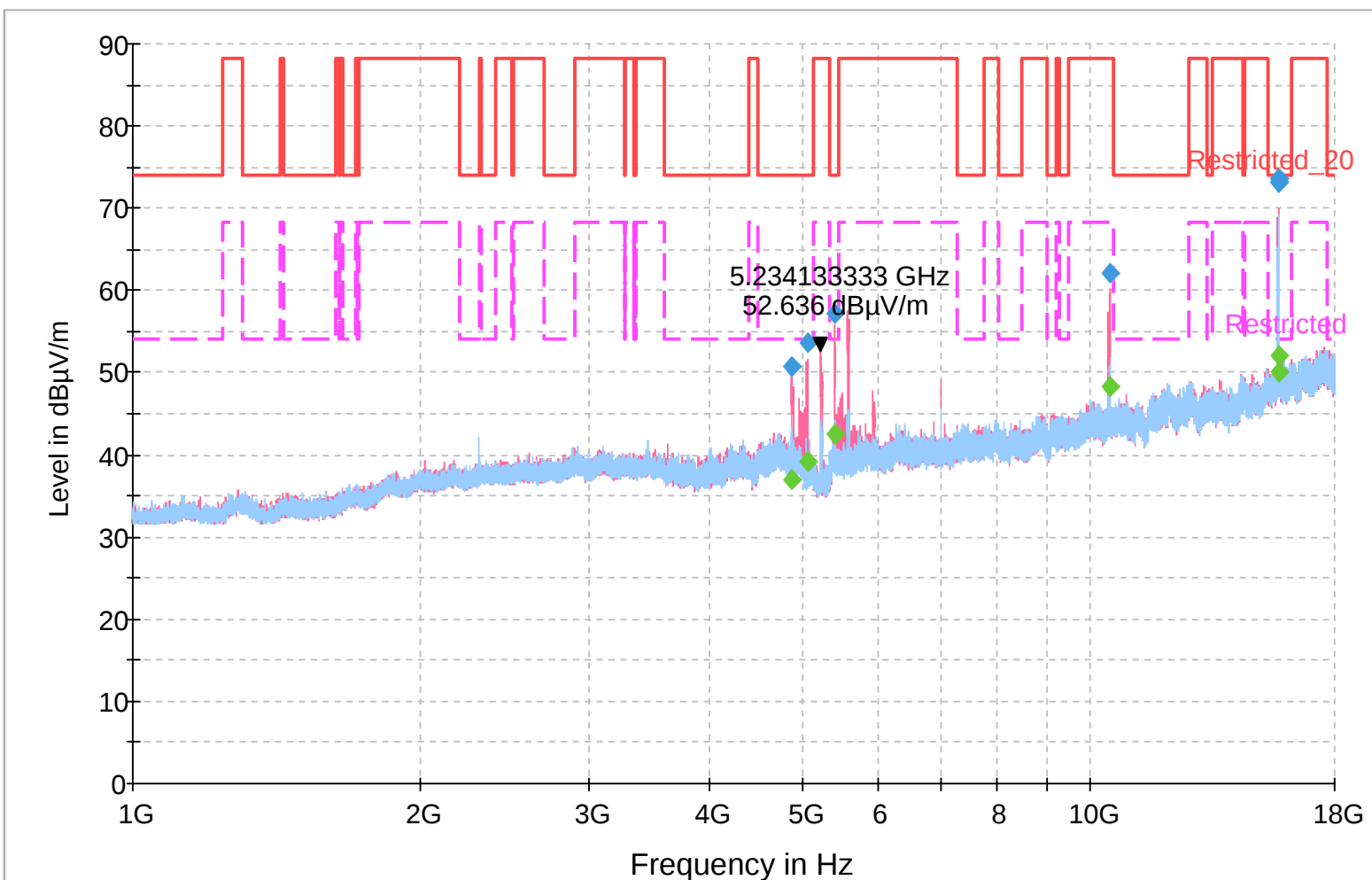
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4872.600000	52.1	189.0	V	182.0	5.5	21.90	74.00	
5040.333333	57.3	172.0	V	195.0	5.5	16.70	74.00	
5398.466667	54.2	195.0	V	281.0	6.6	19.80	74.00	
10440.100000	64.5	200.0	V	1.0	14.8	23.70	88.20	
15657.966667	73.8	202.0	V	151.0	21.0	0.20	74.00	
15660.233333	73.6	209.0	H	292.0	21.0	0.40	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4872.600000	37.7	189.0	V	182.0	5.5	16.30	54.00	
5040.333333	42.9	172.0	V	195.0	5.5	11.10	54.00	
5398.466667	37.9	195.0	V	281.0	6.6	16.10	54.00	
10440.100000	50.1	200.0	V	1.0	14.8	18.10	68.20	
15657.966667	53.6	202.0	V	151.0	21.0	0.40	54.00	
15660.233333	53.3	209.0	H	292.0	21.0	0.70	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

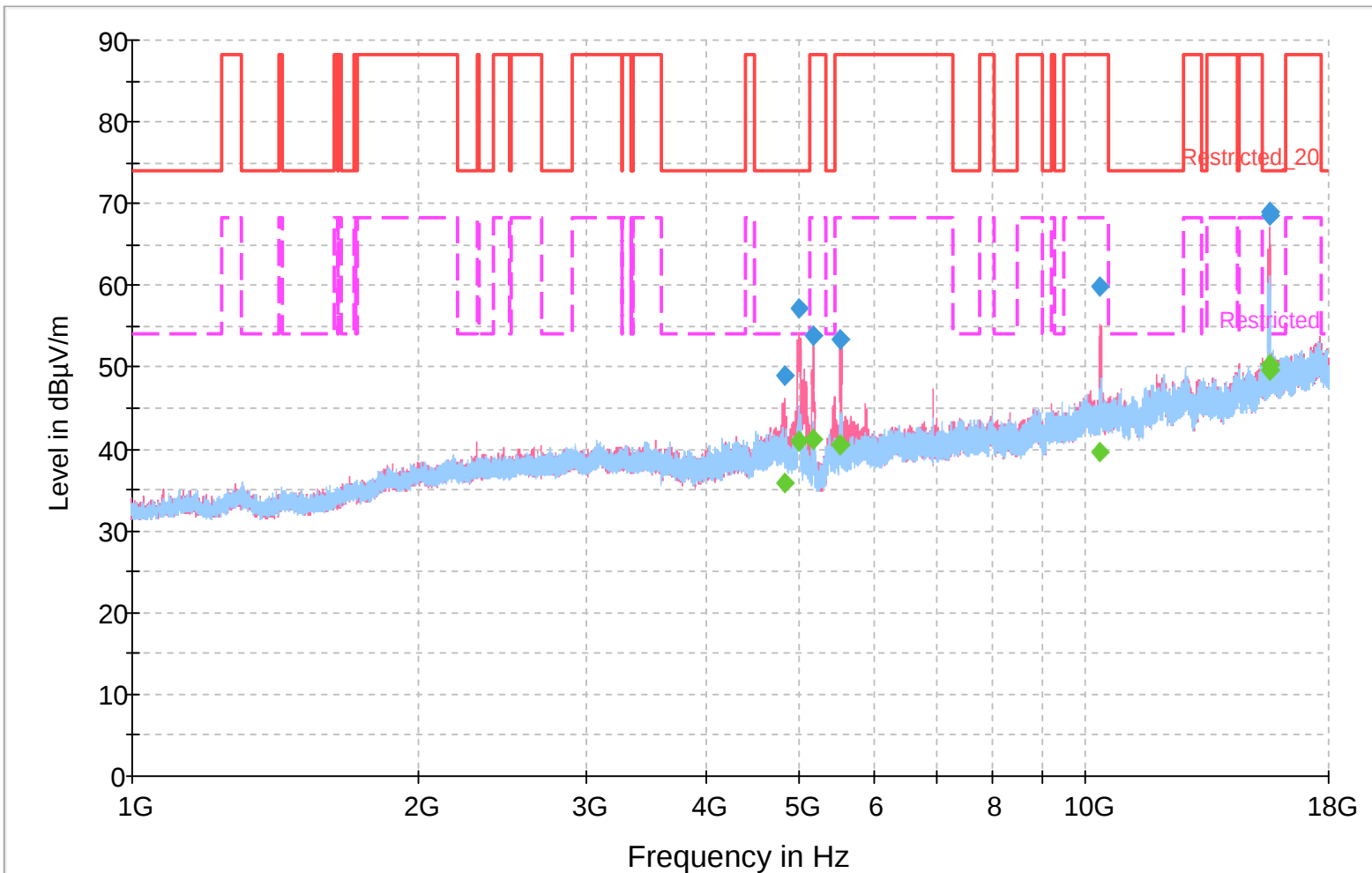
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4891.300000	50.8	190.0	V	62.0	5.4	23.20	74.00	
5065.833333	53.6	195.0	V	137.0	5.5	20.40	74.00	
5416.600000	57.1	188.0	V	229.0	6.6	16.90	74.00	
10477.500000	62.1	137.0	V	321.0	14.9	26.10	88.20	
15716.333333	73.6	204.0	V	151.0	21.1	0.40	74.00	
15737.866667	73.1	200.0	H	297.0	21.1	0.90	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4891.300000	37.1	190.0	V	62.0	5.4	16.90	54.00	
5065.833333	39.3	195.0	V	137.0	5.5	14.70	54.00	
5416.600000	42.5	188.0	V	229.0	6.6	11.50	54.00	
10477.500000	48.2	137.0	V	321.0	14.9	20.00	68.20	
15716.333333	50.2	204.0	V	151.0	21.1	3.80	54.00	
15737.866667	52.1	200.0	H	297.0	21.1	1.90	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



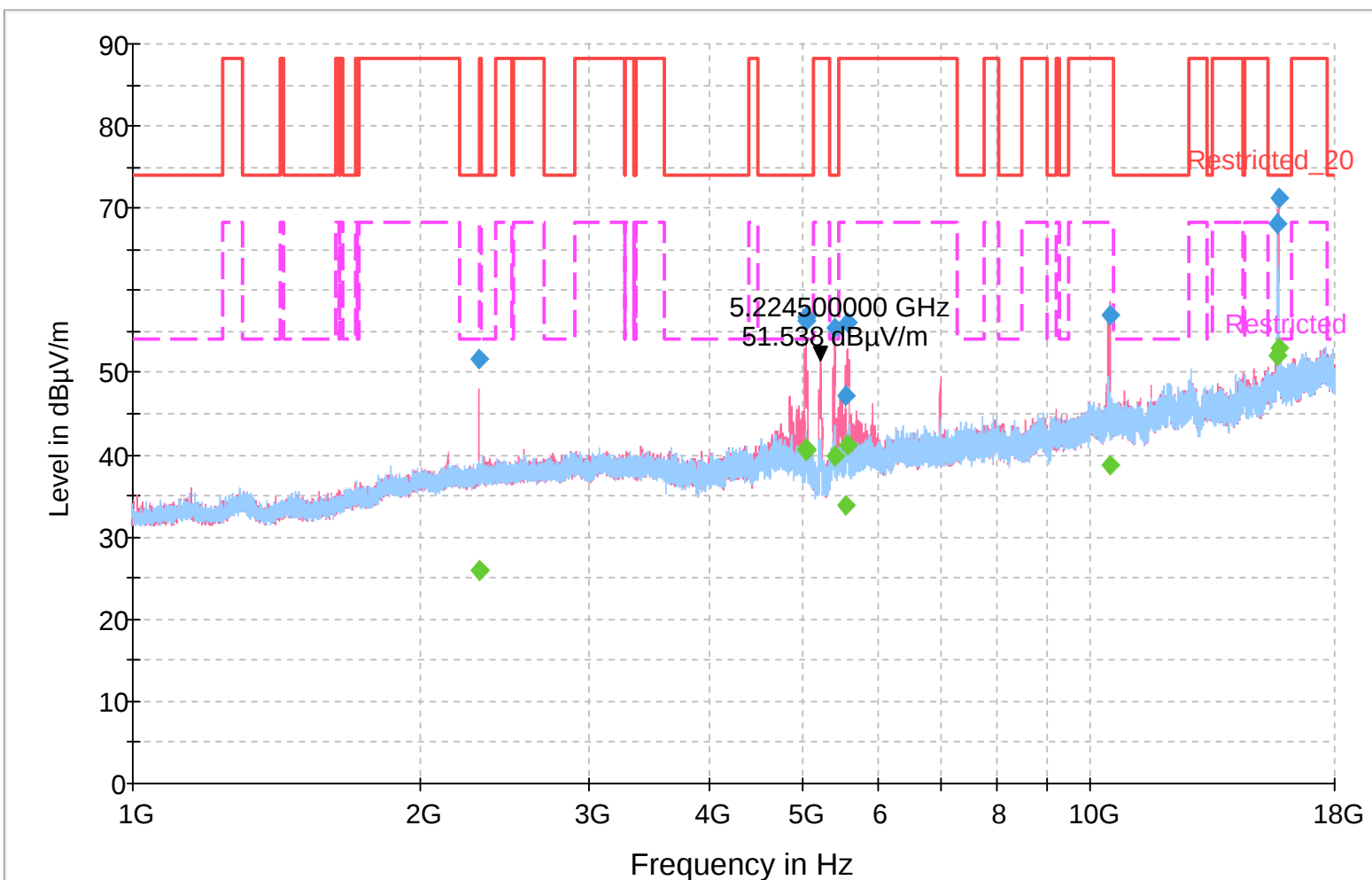
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4834.633333	48.9	181.0	V	174.0	5.5	25.10	74.00	
5017.666667	57.2	153.0	V	142.0	5.5	16.80	74.00	
5180.866667	53.8	172.0	V	138.0	5.7	34.40	88.20	
5539.566667	53.3	180.0	V	142.0	6.6	34.90	88.20	
10376.066667	59.9	149.0	V	7.0	14.8	28.30	88.20	
15580.900000	68.6	205.0	H	297.0	20.8	5.40	74.00	
15597.900000	69.0	100.0	V	176.0	20.8	5.00	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
4834.633333	35.9	181.0	V	174.0	5.5	18.10	54.00	
5017.666667	41.0	153.0	V	142.0	5.5	13.00	54.00	
5180.866667	41.3	172.0	V	138.0	5.7	26.90	68.20	
5539.566667	40.5	180.0	V	142.0	6.6	27.70	68.20	
10376.066667	39.7	149.0	V	7.0	14.8	28.50	68.20	
15580.900000	50.4	205.0	H	297.0	20.8	3.60	54.00	
15597.900000	49.7	100.0	V	176.0	20.8	4.30	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 - - - Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

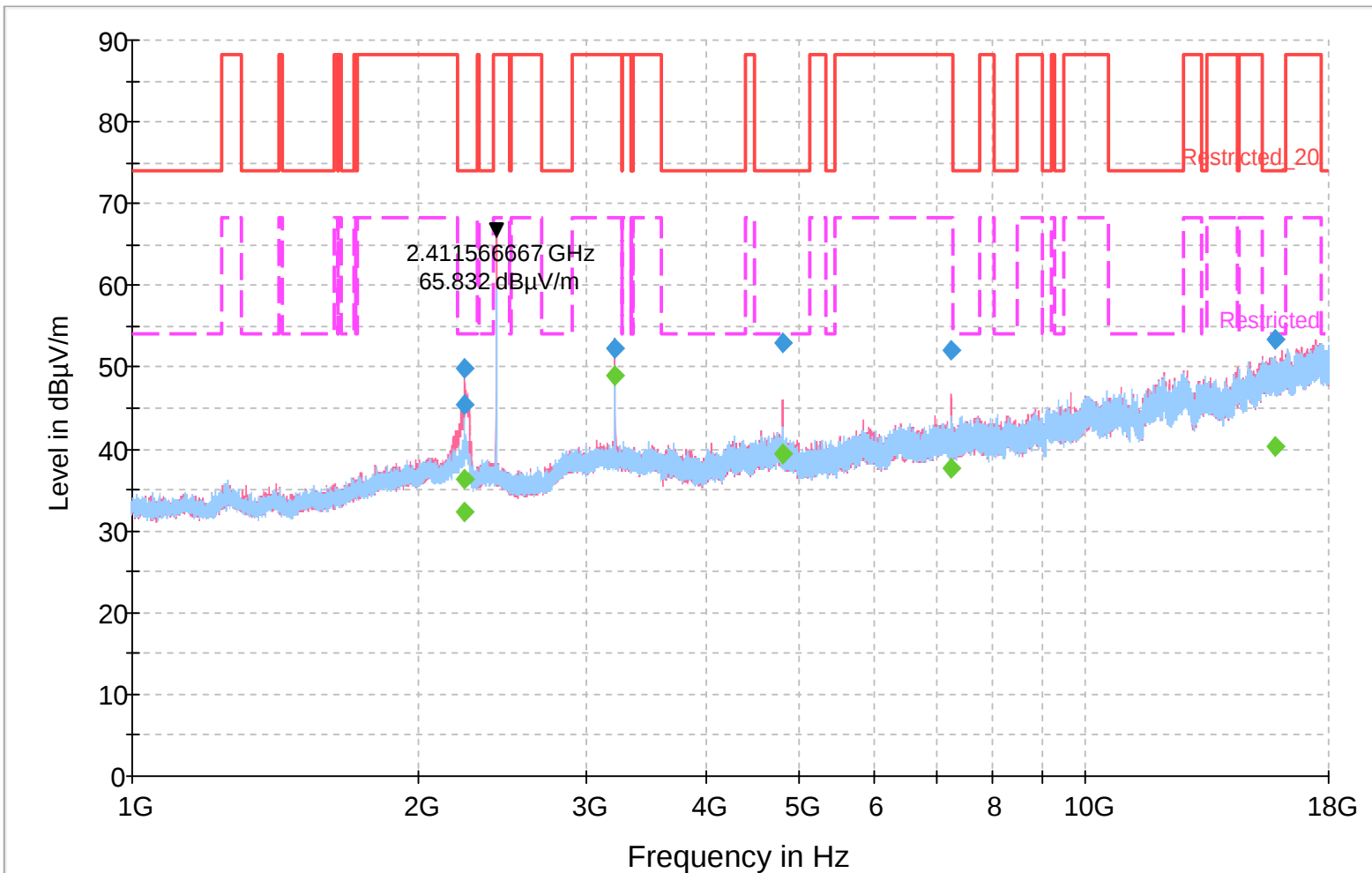
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2303.333333	51.6	251.0	V	182.0	1.4	36.60	88.20	
5044.300000	56.3	188.0	V	117.0	5.5	17.70	74.00	
5044.300000	56.7	192.0	V	117.0	5.5	17.30	74.00	
5413.200000	55.4	187.0	V	16.0	6.6	18.60	74.00	
5555.433333	47.2	201.0	V	359.0	6.6	41.00	88.20	
5584.900000	56.2	195.0	V	328.0	6.7	32.00	88.20	
10467.300000	57.0	162.0	V	11.0	14.9	31.20	88.20	
15714.066667	71.2	197.0	V	164.0	21.1	2.80	74.00	
...	...	...	...	...	...	...	...	...

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2303.333333	25.9	251.0	V	182.0	1.4	42.30	68.20	
5044.300000	40.5	188.0	V	117.0	5.5	13.50	54.00	
5044.300000	40.7	192.0	V	117.0	5.5	13.30	54.00	
5413.200000	39.9	187.0	V	16.0	6.6	14.10	54.00	
5555.433333	33.8	201.0	V	359.0	6.6	34.40	68.20	
5584.900000	41.2	195.0	V	328.0	6.7	27.00	68.20	
10467.300000	38.9	162.0	V	11.0	14.9	29.30	68.20	
15714.066667	53.0	197.0	V	164.0	21.1	1.00	54.00	
...	...	...	...	...	...	...	...	...

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20
Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

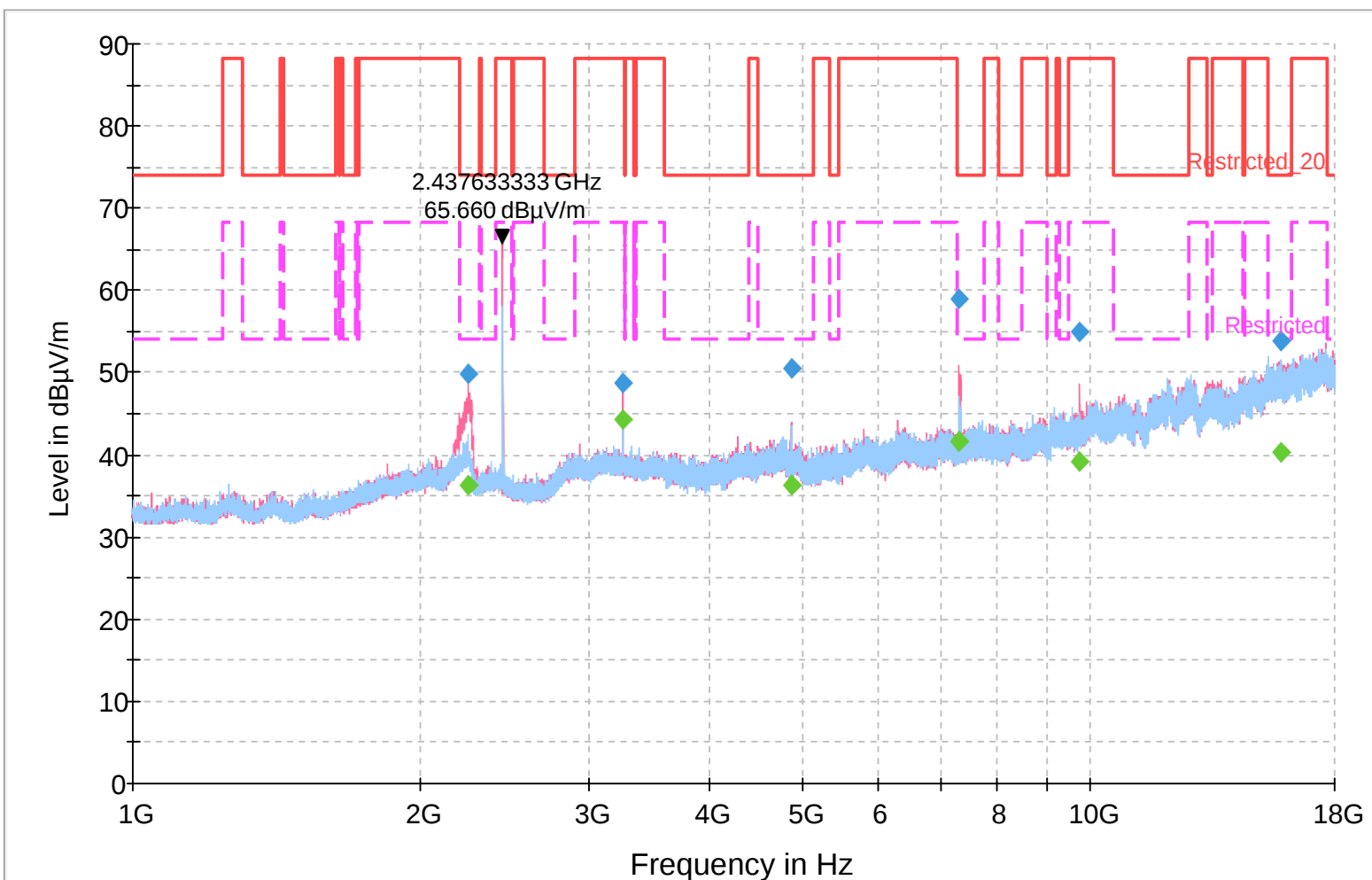
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	45.5	149.0	H	225.0	1.1	28.50	74.00	
2238.166667	50.0	264.0	V	150.0	1.1	24.00	74.00	
3216.233333	52.3	234.0	V	351.0	3.1	35.90	88.20	
4824.433333	53.0	199.0	V	164.0	5.6	21.00	74.00	
7236.733333	52.1	118.0	V	288.0	9.6	36.10	88.20	
15779.800000	53.5	172.0	V	21.0	21.1	20.50	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2236.466667	32.3	149.0	H	225.0	1.1	21.70	54.00	
2238.166667	36.4	264.0	V	150.0	1.1	17.60	54.00	
3216.233333	48.9	234.0	V	351.0	3.1	19.30	68.20	
4824.433333	39.4	199.0	V	164.0	5.6	14.60	54.00	
7236.733333	37.6	118.0	V	288.0	9.6	30.60	68.20	
15779.800000	40.4	172.0	V	21.0	21.1	13.60	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Restricted_20 Restricted Preview Result 1V-PK+
Preview Result 1H-PK+ Final Result 1-PK+ Final Result 2-AVG

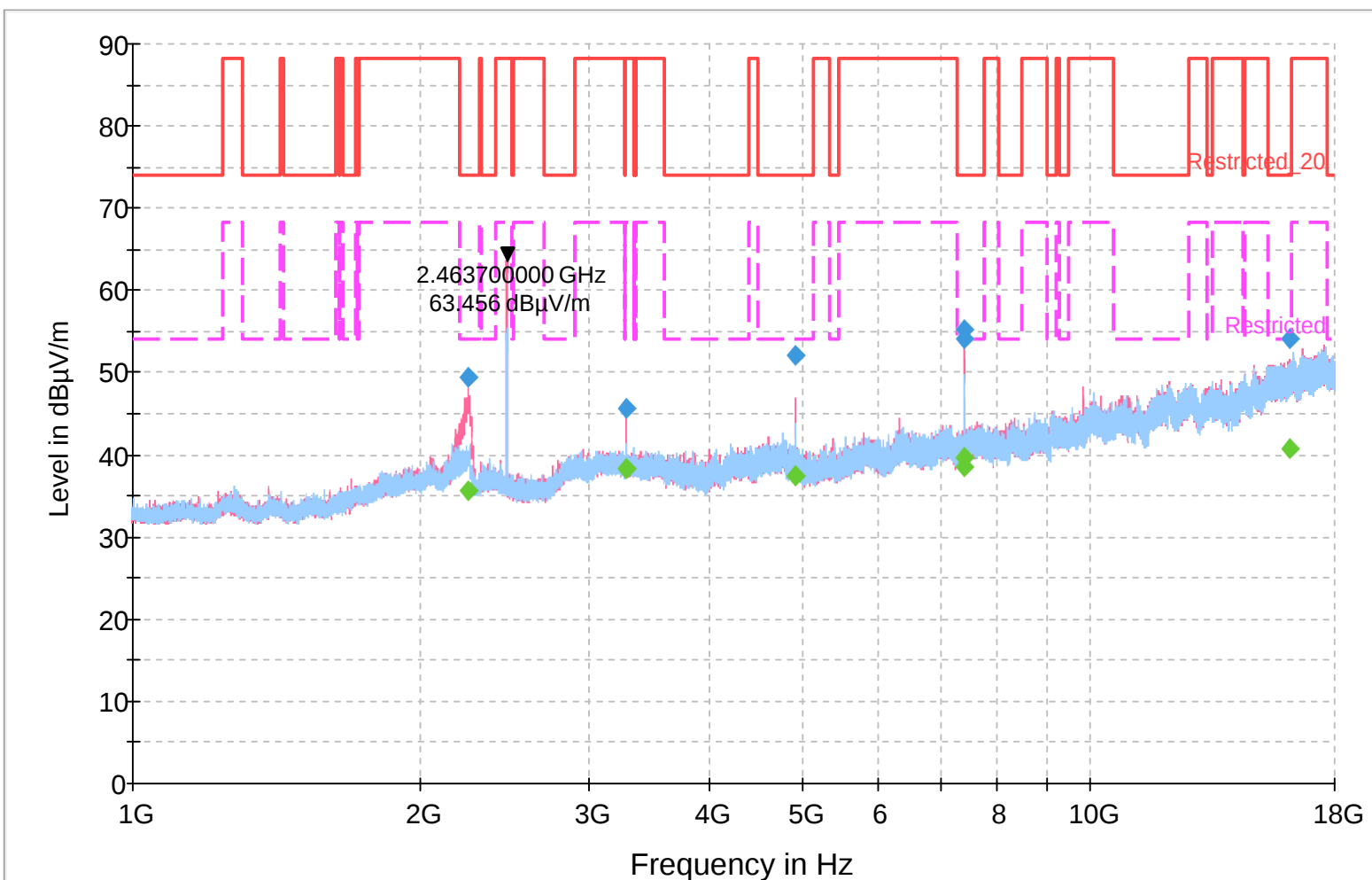
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2243.266667	49.8	202.0	V	193.0	1.1	24.20	74.00	
3249.666667	48.7	200.0	V	353.0	3.1	39.50	88.20	
4873.733333	50.6	214.0	V	169.0	5.5	23.40	74.00	
7310.400000	59.0	244.0	V	57.0	9.6	15.00	74.00	
9748.200000	55.0	217.0	V	53.0	13.6	33.20	88.20	
15784.333333	53.8	118.0	H	81.0	21.1	20.20	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2243.266667	36.3	202.0	V	193.0	1.1	17.70	54.00	
3249.666667	44.3	200.0	V	353.0	3.1	23.90	68.20	
4873.733333	36.4	214.0	V	169.0	5.5	17.60	54.00	
7310.400000	41.8	244.0	V	57.0	9.6	12.20	54.00	
9748.200000	39.3	217.0	V	53.0	13.6	28.90	68.20	
15784.333333	40.4	118.0	H	81.0	21.1	13.60	54.00	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2242.700000	49.4	196.0	V	194.0	1.1	24.60	74.00	
3283.100000	45.7	141.0	V	193.0	3.1	42.50	88.20	
4925.300000	52.0	149.0	V	219.0	5.4	22.00	74.00	
7387.466667	54.2	229.0	H	222.0	9.7	19.80	74.00	
7388.600000	55.2	279.0	V	50.0	9.7	18.80	74.00	
16133.966667	54.0	187.0	V	6.0	21.8	20.00	74.00	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
2242.700000	35.7	196.0	V	194.0	1.1	18.30	54.00	
3283.100000	38.3	141.0	V	193.0	3.1	29.90	68.20	
4925.300000	37.5	149.0	V	219.0	5.4	16.50	54.00	
7387.466667	38.5	229.0	H	222.0	9.7	15.50	54.00	
7388.600000	39.6	279.0	V	50.0	9.7	14.40	54.00	
16133.966667	40.9	187.0	V	6.0	21.8	13.10	54.00	

Radiated Emission Test Report

Tested At:
Electro Magnetic Test, Inc.
1547 Plymouth Street
Mountain View, CA 94043
Tel. 650-965-4000
Fax. 650-965-3000

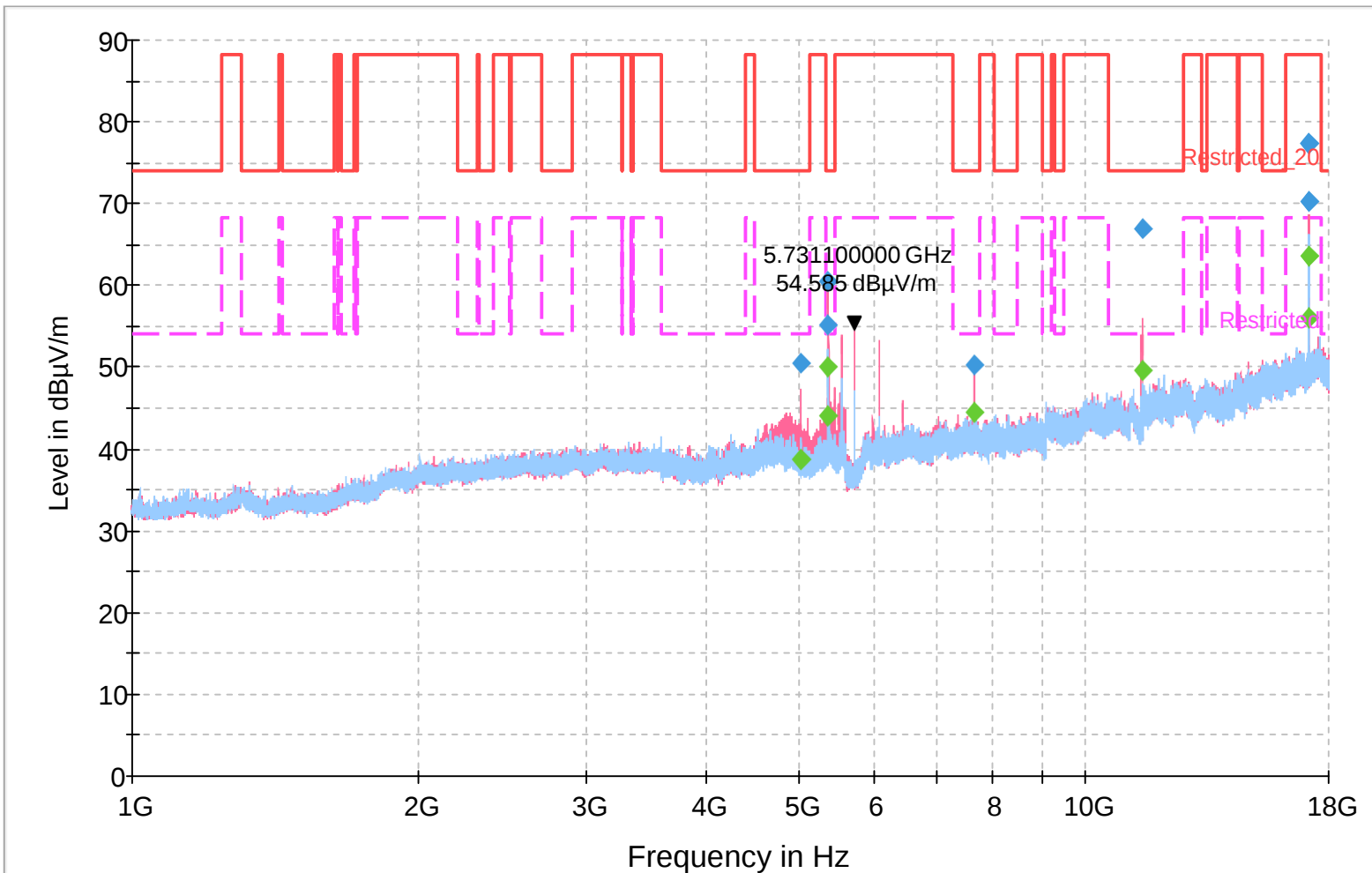
Common Information

Test Description:	FCC Class B Radiated Emissions
Operating Conditions:	Normal
Test Engineer:	Chinmay Shendurnikar

EUT Information

Company Name:	Skydio, Inc.
EUT Name	SkydioLink Dual Band Module
Model Number:	SMODBV1
Serial Number:	N/A
Comment:	802.11a, 5MHz, 23dB, 5730MHz

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

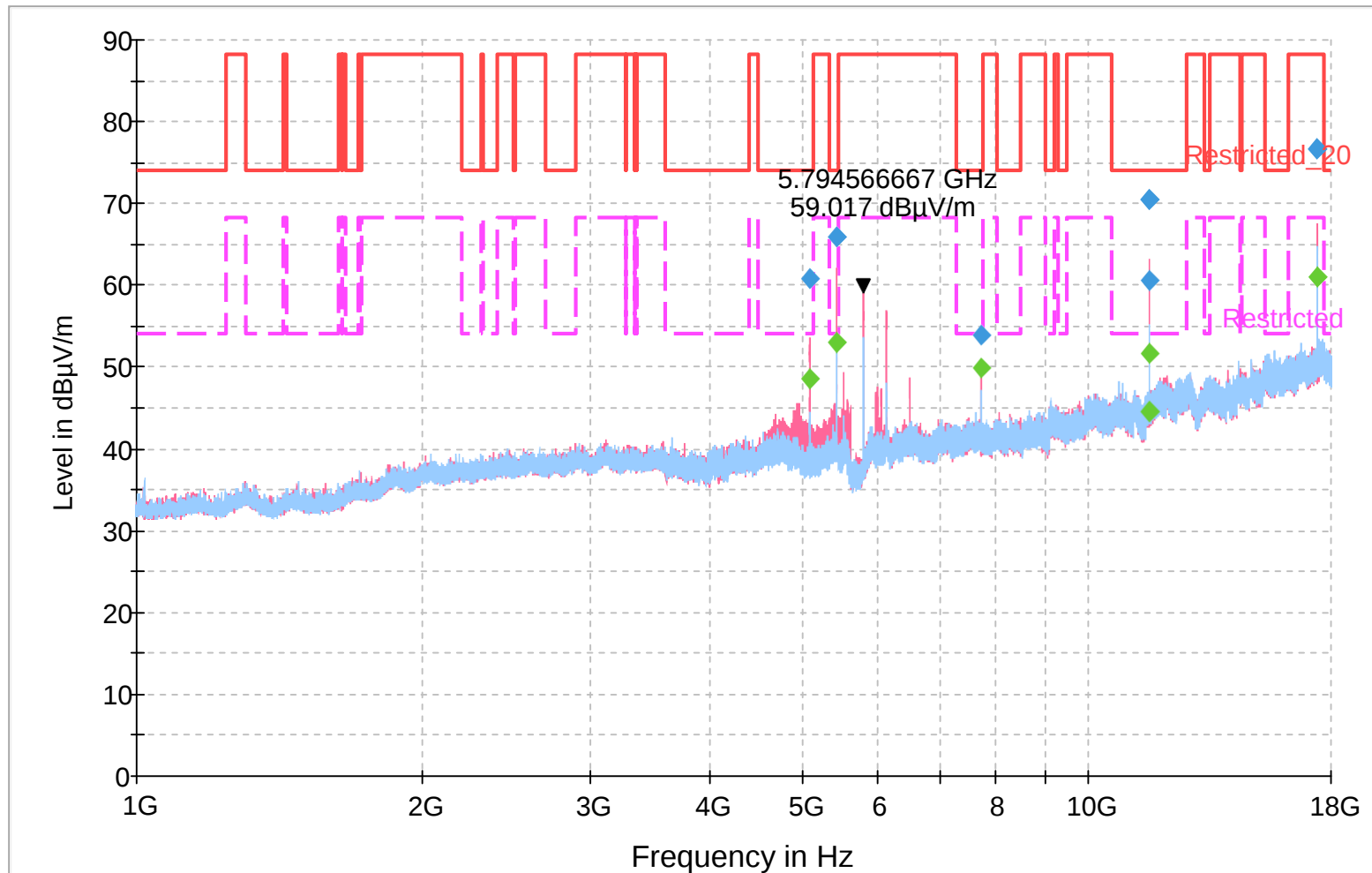
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5026.166667	50.5	100.0	V	227.0	5.5	23.50	74.00	
5376.933333	55.2	206.0	H	321.0	6.5	18.80	74.00	
5379.766667	60.5	239.0	V	356.0	6.5	13.50	74.00	
7640.766667	50.3	254.0	V	62.0	10.2	23.70	74.00	
11461.233333	67.0	191.0	V	322.0	16.4	7.00	74.00	
17190.800000	70.2	219.0	H	159.0	22.5	18.00	88.20	
17190.800000	77.4	254.0	V	179.0	22.5	10.80	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5026.166667	38.9	100.0	V	227.0	5.5	15.10	54.00	
5376.933333	44.1	206.0	H	321.0	6.5	9.90	54.00	
5379.766667	50.2	239.0	V	356.0	6.5	3.80	54.00	
7640.766667	44.5	254.0	V	62.0	10.2	9.50	54.00	
11461.233333	49.6	191.0	V	322.0	16.4	4.40	54.00	
17190.800000	56.1	219.0	H	159.0	22.5	12.10	68.20	
17190.800000	63.7	254.0	V	179.0	22.5	4.50	68.20	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



— Restricted_20 — Restricted — Preview Result 1V-PK+
— Preview Result 1H-PK+ ◆ Final Result 1-PK+ ◆ Final Result 2-AVG

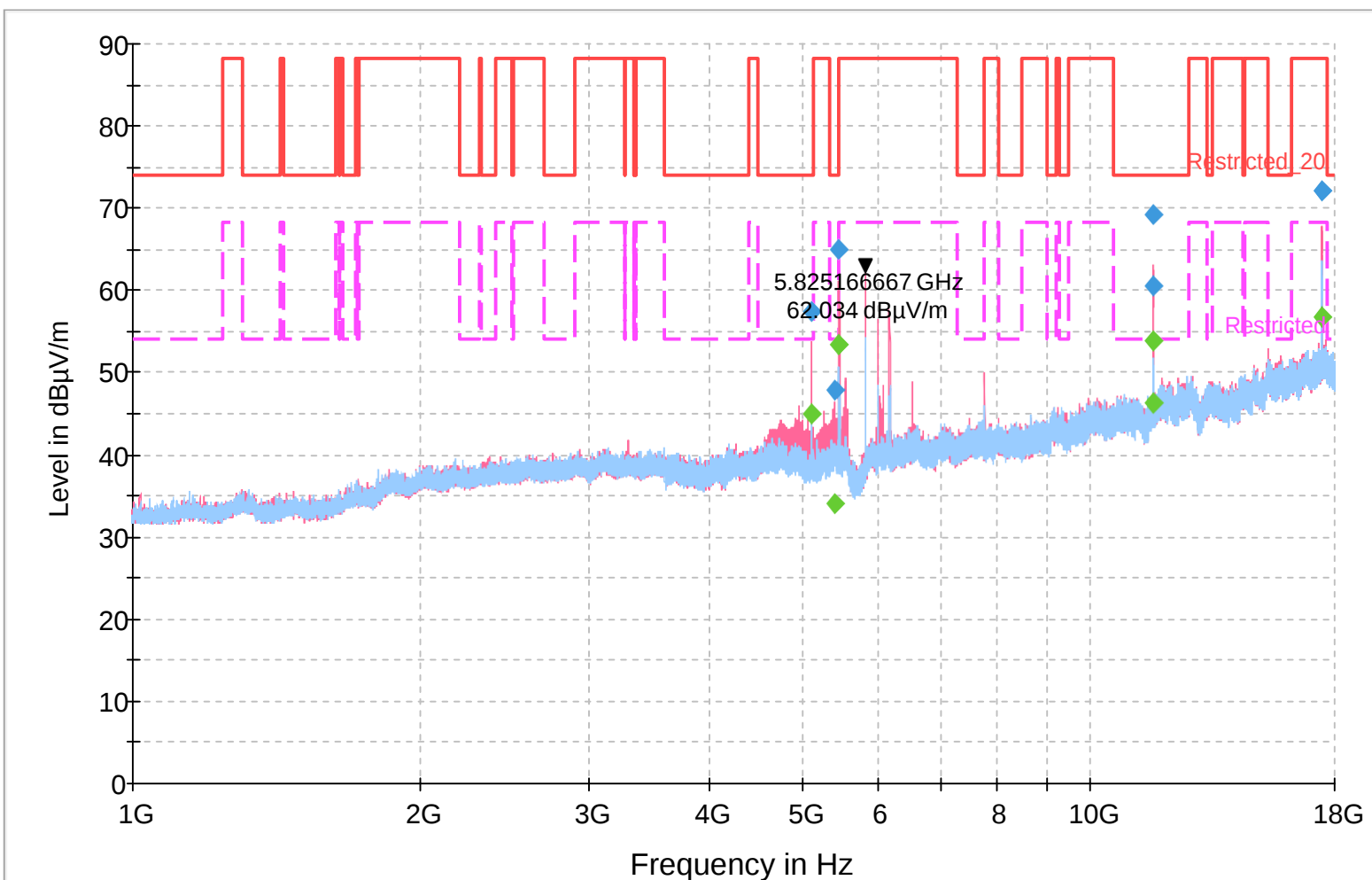
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5091.333333	60.6	244.0	V	20.0	5.4	13.40	74.00	
5443.800000	65.9	235.0	V	169.0	6.6	8.10	74.00	
7727.466667	53.8	230.0	V	62.0	10.4	20.20	74.00	
11591.000000	70.4	190.0	V	44.0	16.7	3.60	74.00	
11593.266667	60.5	208.0	H	127.0	16.7	13.50	74.00	
17384.600000	76.6	164.0	V	146.0	22.9	11.60	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5091.333333	48.5	244.0	V	20.0	5.4	5.50	54.00	
5443.800000	53.1	235.0	V	169.0	6.6	0.90	54.00	
7727.466667	49.9	230.0	V	62.0	10.4	4.10	54.00	
11591.000000	51.7	190.0	V	44.0	16.7	2.30	54.00	
11593.266667	44.5	208.0	H	127.0	16.7	9.50	54.00	
17384.600000	61.0	164.0	V	146.0	22.9	7.20	68.20	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



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Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG

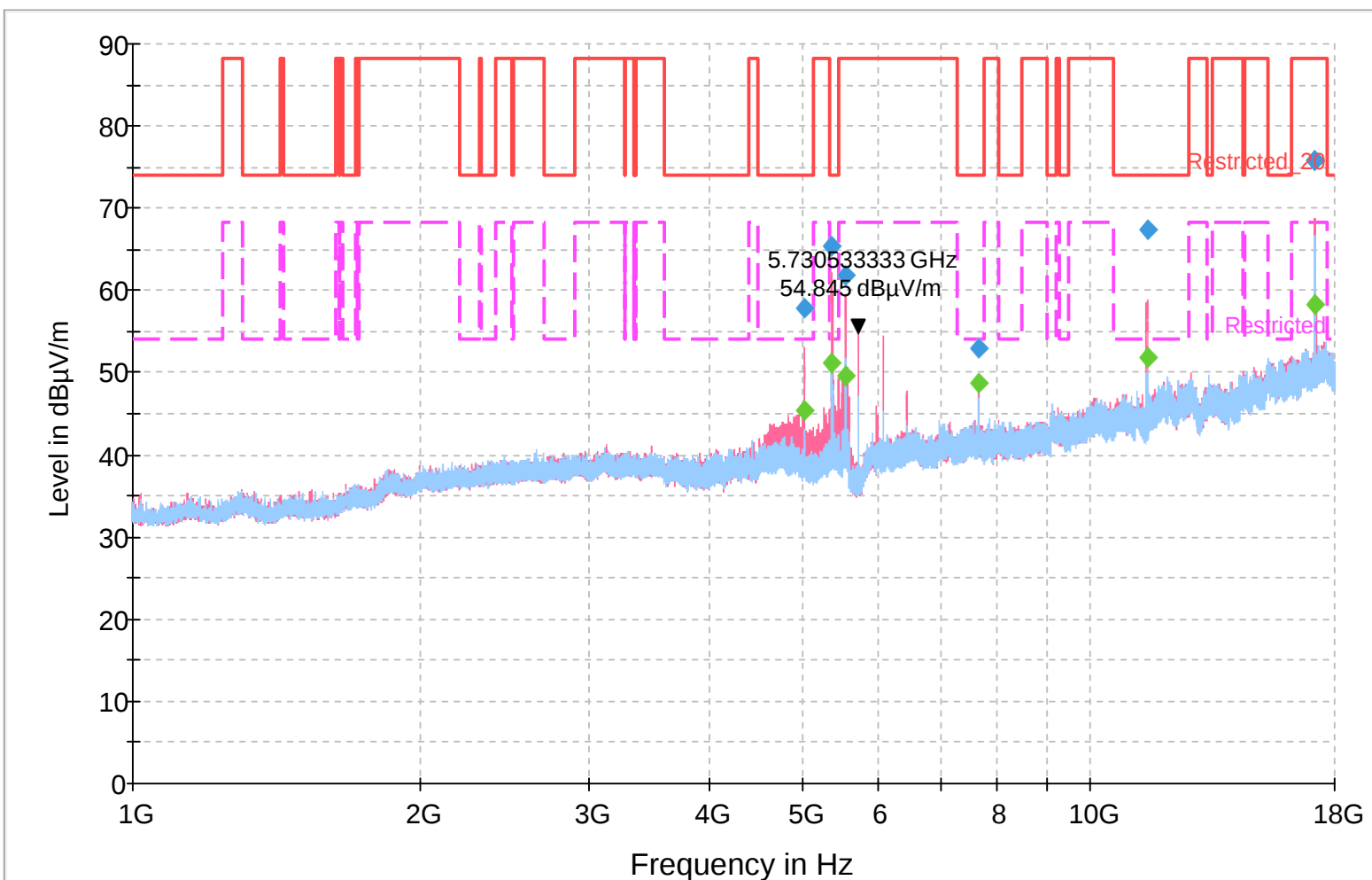
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5120.800000	57.3	231.0	V	16.0	5.5	16.70	74.00	
5416.600000	47.8	262.0	V	175.0	6.6	26.20	74.00	
5473.266667	64.8	228.0	V	21.0	6.6	23.40	88.20	
11649.933333	69.2	183.0	V	127.0	16.7	4.80	74.00	
11651.066667	60.6	221.0	H	133.0	16.7	13.40	74.00	
17476.966667	72.1	211.0	V	240.0	22.9	16.10	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5120.800000	44.9	231.0	V	16.0	5.5	9.10	54.00	
5416.600000	34.1	262.0	V	175.0	6.6	19.90	54.00	
5473.266667	53.5	228.0	V	21.0	6.6	14.70	68.20	
11649.933333	53.9	183.0	V	127.0	16.7	0.10	54.00	
11651.066667	46.3	221.0	H	133.0	16.7	7.70	54.00	
17476.966667	56.7	211.0	V	240.0	22.9	11.50	68.20	

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Restricted_20 Restricted Preview Result 1V-PK+
Preview Result 1H-PK+ Final Result 1-PK+ Final Result 2-AVG

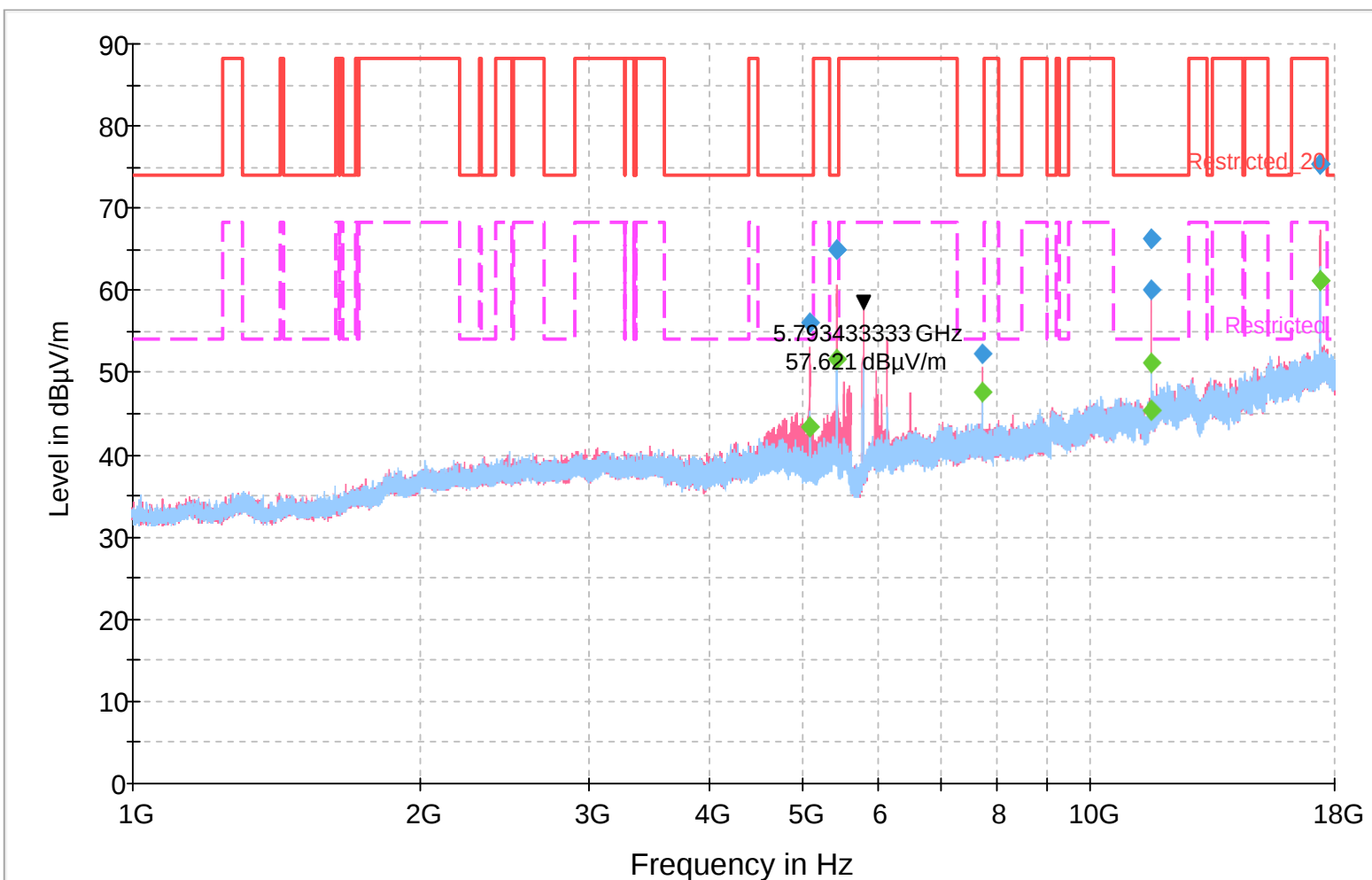
Final Result 1

Frequency (MHz)	MaxPeak (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5025.600000	57.9	249.0	V	21.0	5.5	16.10	74.00	
5375.233333	65.4	240.0	V	30.0	6.5	8.60	74.00	
5553.733333	61.9	242.0	V	177.0	6.6	26.30	88.20	
7640.200000	53.0	227.0	V	62.0	10.2	21.00	74.00	
11460.666667	67.3	184.0	V	133.0	16.4	6.70	74.00	
17191.933333	75.9	149.0	V	174.0	22.5	12.30	88.20	

Final Result 2

Frequency (MHz)	Average (dBμV/m)	Height (cm)	Polarization	Azimuth (deg)	Corr. (dB)	Margin (dB)	Limit (dBμV/m)	Comment
5025.600000	45.4	249.0	V	21.0	5.5	8.60	54.00	
5375.233333	51.2	240.0	V	30.0	6.5	2.80	54.00	
5553.733333	49.6	242.0	V	177.0	6.6	18.60	68.20	
7640.200000	48.8	227.0	V	62.0	10.2	5.20	54.00	
11460.666667	51.8	184.0	V	133.0	16.4	2.20	54.00	
17191.933333	58.4	149.0	V	174.0	22.5	9.80	68.20	

FCC Class B Radiated Sweep 1GHz-18GHz 3m PK AVG Wireless



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Preview Result 1H-PK+
Restricted
Final Result 1-PK+
Preview Result 1V-PK+
Final Result 2-AVG