



FCC / ISED & Test Report

For:
Respironics Inc.

Model:
See Section 3.6

Product Description:
CPAP machine with integral Cell modem and BT

Applied Rules and Standards:
47 CFR Parts 22, 24, 27 and 90S
RSS: 132 Issue 3, 133 Issue 6, 139 Issue 4, 199 Issue 3

FCC ID: TH01141623
IC: 3234B-1141623

REPORT #: EMC_PHIL4_114_22001_FCC_22_24_27_90S

DATE: 2023-05-22



A2LA Accredited

IC recognized #
3462B-1

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CETECOM Inc. is a Delaware Corporation with Corporation number: 2905571

TABLE OF CONTENTS

1	ASSESSMENT.....	3
2	ADMINISTRATIVE DATA	4
2.1	IDENTIFICATION OF THE TESTING LABORATORY ISSUING THE EMC TEST REPORT	4
2.2	IDENTIFICATION OF THE CLIENT	4
2.3	IDENTIFICATION OF THE MANUFACTURER.....	4
3	EQUIPMENT UNDER TEST (EUT).....	5
3.1	EUT SPECIFICATIONS	5
3.2	EUT SAMPLE DETAILS	6
3.3	ACCESSORY EQUIPMENT (AE) DETAILS.....	6
3.4	TEST SAMPLE CONFIGURATION	6
3.5	TEST MODES OF OPERATION	6
3.6	EUT MODEL NUMBER	7
4	SUBJECT OF INVESTIGATION	8
4.1	DATES OF TESTING:	8
4.2	MEASUREMENT UNCERTAINTY	8
4.3	ENVIRONMENTAL CONDITIONS DURING TESTING:	8
4.4	DECISION RULE.....	8
5	MEASUREMENT PROCEDURES	9
5.1	RADIATED MEASUREMENT.....	9
5.2	SAMPLE CALCULATIONS FOR FIELD STRENGTH MEASUREMENTS	11
6	MEASUREMENT RESULTS SUMMARY	12
6.1	PART 22 / RSS-132	12
6.2	PART 24 / RSS-133	13
6.3	PART 27, 90 / RSS-139, RSS-199	14
6.4	EIRP	15
7	TEST RESULT DATA	16
7.1	RADIATED SPURIOUS EMISSIONS.....	16
8	TEST SETUP PHOTOS.....	149
9	TEST EQUIPMENT AND ANCILLARIES USED FOR TESTING	149
10	REVISION HISTORY	150

1 Assessment

The following device as further described in section 3 of this report was evaluated against the applicable criteria specified in the Code of Federal Regulations Title 47 parts 22, 24, 27, and 90S, and Industry Canada Standards RSS-GEN issue 5, RSS-132 issue 3, RSS-133 issue 6, RSS-139 issue 4, and RSS-199 issue 3.

No deficiencies were ascertained.

Company Name	Product Description	Model #
Respironics Inc.	CPAP machine with integral Cell modem and BT	See Section 3.6

Responsible for Testing Laboratory:

2023-05-22	Compliance	Arndt Stoecker (Director of Regulatory Services)	Arndt Stoecker Digitally signed by: Arndt Stoecker DN: CN = Arndt Stoecker email = arndt.stoecker@cetecom.com C = US O = CETECOM Inc Date: 2023.06.06 14:54:06 -07'00'
Date	Section	Name	Signature

Responsible for the Report:

2023-05-22	Compliance	Cheng Song (EMC Engineer)	cheng. song@c etecom. com Digitally signed by: cheng. song@cetecom. com DN: CN = cheng. song@cetecom. com Date: 2023.05.22 12:49:16 -07'00'
Date	Section	Name	Signature

The test results of this test report relate exclusively to the test item specified in Section 3.

CETECOM Inc. USA does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens or samples of the type of the equipment represented by the test item. The test report may only be reproduced or published in full. Reproduction or publication of extracts from the report requires the prior written approval of CETECOM Inc. USA.

2 Administrative Data

2.1 Identification of the Testing Laboratory Issuing the EMC Test Report

Company Name:	CETECOM Inc.
Department:	Compliance
Street Address:	411 Dixon Landing Road
City/Zip Code	Milpitas, CA 95035
Country	USA
Telephone:	+1 (408) 586 6200
Fax:	+1 (408) 586 6299
Director of Regulatory Services:	Arndt Stoecker
Responsible Project Leader:	Cathy Palacios

2.2 Identification of the Client

Client's Name:	Respironics Inc.
Street Address:	6501 Living Place
City/Zip Code	Pittsburgh, PA 15206
Country	USA

2.3 Identification of the Manufacturer

Manufacturer's Name:	Same as Client
Manufacturers Address:	
City/Zip Code	
Country	

3 Equipment Under Test (EUT)

3.1 EUT Specifications

Model No	See Section 3.6
HW Version	00
SW Version	V1.0.8
FCC-ID	THO1141623
IC:	3234B-1141623
PMN:	DreamStation 2 Auto CPAP Advanced
Product Description	CPAP machine with integral Cell modem and BT
Radio Information	Cellular: • u-blox LARA-R6001D (CAT-1) • FCC ID: XPYUBX21BE01; IC ID: 8595A-UBX21BE01 • LTE Bands: 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 26, 28, 38, 39, 40, 41 • UMTS Bands I, II, V, VIII • GSM Bands 850, 900, 1800, 1900 Bluetooth: • Dialog DA14585 SoC • Bluetooth 5.0 Low Energy
Antenna Information	Cellular: Flexible Polymer Antenna, 4dBi gain Bluetooth LE: PCB Trace Antenna, 2.81dBi gain
Power Supply/ Rated Operating Voltage Range	Vmin: 10.8 VDC / Vnom: 12 VDC / Vmax: 13.2 VDC
Operating Temperature Range	5 °C to 35 °C
Sample Revision	☐ Prototype ☐ Production ☒ Pre-Production

3.2 EUT Sample details

EUT #	Serial Number	HW Version	SW Version	Comments
1	D1320137933B6D	00	V1.0.8	

3.3 Accessory Equipment (AE) details

AE #	Type	Model	Manufacturer	Serial Number
1	AC / DC Power Adapter	MEA-080A12C	Delta Electronics, Inc.	

3.4 Test Sample Configuration

Set-up #	EUT / AE used for set-up	Comments
1	EUT#1+AE#1	

3.5 Test modes of operation

Operating Mode #	Mode	Details
Op. 1	Cellular + BLE	During the testing process, the EUT was tested with transmitter sets on Cellular Low, Mid and High channel During the testing process, the EUT was tested with transmitter sets on BTLE Mid channel Cellular transmitted simultaneously with Bluetooth Low Energy

3.6 EUT Model Number

Model Number	Description	Market
LAX410H15C	DreamStation 2 CPAP w/ Humid cell/BT	FCC
LAX420H15C	DreamStation 2 Advanced CPAP w/ Humid cell/BT	FCC
LAX520H15C	DreamStation 2 Advanced Auto CPAP w/ Humid cell/BT	FCC
ARX410H15C	DreamStation 2 CPAP w/ Humid cell/BT	FCC
ARX420H15C	DreamStation 2 Advanced CPAP w/ Humid cell/BT	FCC
ARX520H15C	DreamStation 2 Advanced Auto CPAP w/ Humid cell/BT	FCC
BRX410H18C	DreamStation 2 Auto CPAP (w/ dummytank) cell/BT	FCC
BRX420H18C	DreamStation 2 Advanced CPAP w/ Humid cell/BT	FCC
BRX520H18C	DreamStation 2 Advanced Auto CPAP w/ Humid cell/BT	FCC
CAX410T12C	DreamStation 2 Auto CPAP	ISED
CAX410H12C	DreamStation 2 Auto CPAP	ISED
CAX510T12C	DreamStation 2 Auto CPAP	ISED
CAX510H12C	DreamStation 2 Auto CPAP	ISED
CAX521H12C	DreamStation 2 Auto CPAP Advanced	ISED
CAX521T12C	DreamStation 2 Auto CPAP Advanced	ISED
CAX521T12C15	DreamStation 2 Auto CPAP Advanced	ISED

4 Subject of Investigation

The objective of the measurements done by CETECOM Inc. was to evaluate the compliance of the EUT against the relevant requirements specified in the Code of Federal Regulations Title 47 parts 22, 24, 27, 90S and ISSED Standards RSS-132 issue 3, RSS-133 issue 6, RSS-139 issue 4, and RSS-199 issue 3.

4.1 Dates of Testing:

10/6/2022 - 10/15/2022

4.2 Measurement Uncertainty

Where relevant, the following measurement uncertainty levels have been estimated for tests performed on the apparatus, with 95% confidence interval (in dB delta to result), based on a coverage factor k=2.

Measurement System	EMC 1	EMC 2
Conducted Emissions (mains port)	1.12 dB	0.46 dB
Radiated Emissions		
(<30 MHz)	3.66 dB	3.88 dB
(30 MHz – 1 GHz)	3.17 dB	3.34 dB
(1 GHz – 3 GHz)	5.01 dB	4.45 dB
(> 3 GHz)	4.0 dB	4.79 dB

4.3 Environmental Conditions during Testing:

The following environmental conditions were maintained during the course of testing:

- Ambient Temperature: 20-25°C
- Relative humidity: 40-60%

Deviating test conditions are indicated at individual test description where applicable.

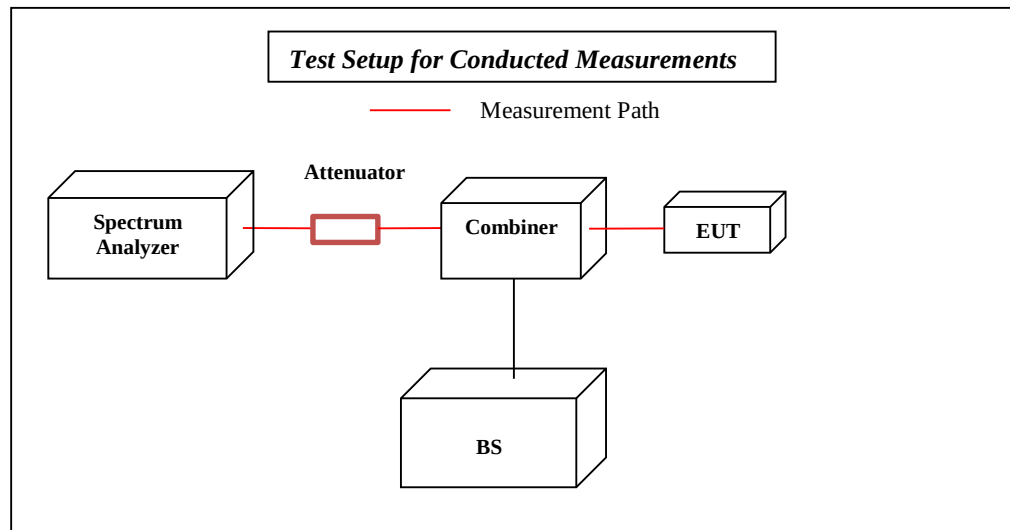
4.4 Decision Rule

Cetecom advanced follows [ILAC G8:2019 chapter 4.2.1 \(Simple Acceptance Rule\)](#).

“Only the measured values related to their corresponding limits will be used to decide whether the equipment under test meets the requirements of the test standards listed in chapter 3. The measurement uncertainty is mentioned in this test report, See chapter 9, but is not taken into account – neither to the limits nor to the measurement results. Measurement results with a smaller margin to the corresponding limits than the measurement uncertainty have a potential risk of more than 5% that the decision might be wrong.”

5 Measurement Procedures

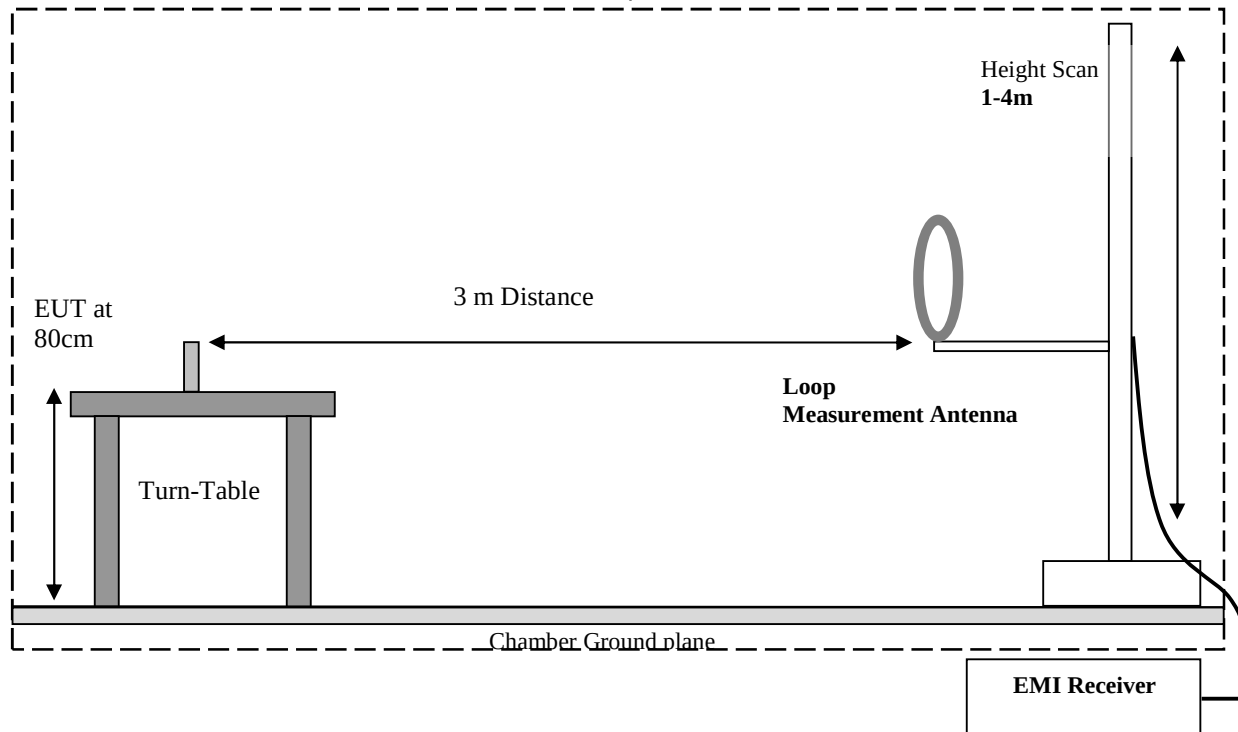
Testing is performed according to the guidelines provided in FCC publication (KDB) 971168 D01 v03r01 – “Measurement Guidance for Certification of Licensed Digital Transmitters” and according to relevant parts of ANSI/TIA-603-D-2010 as detailed below.



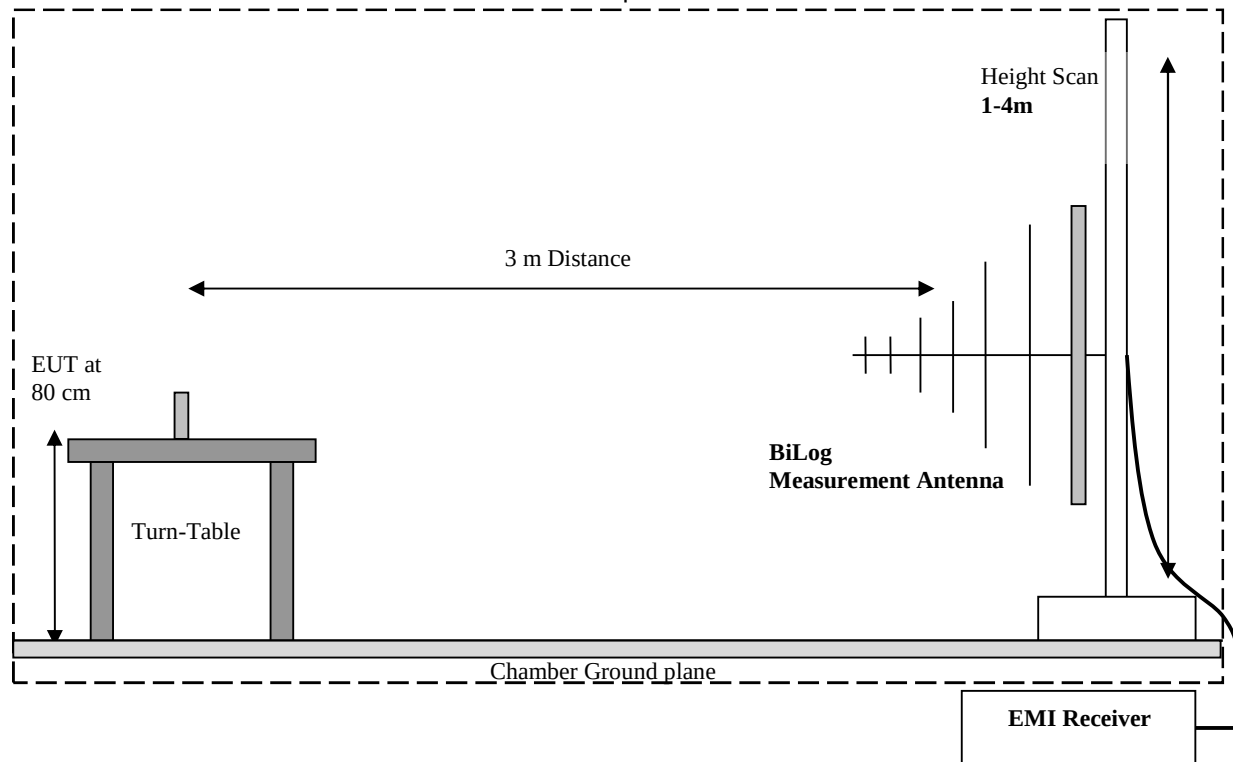
5.1 Radiated Measurement

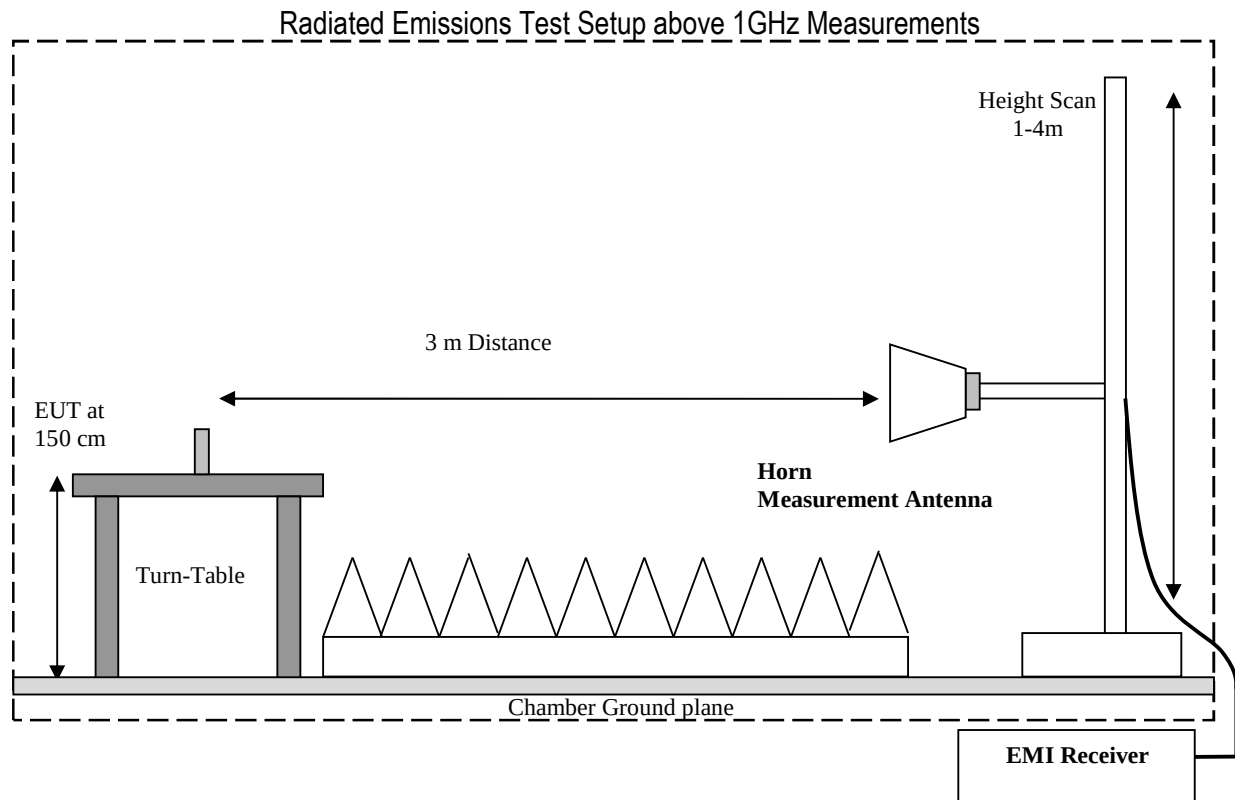
- The exploratory measurement is accomplished by running a matrix of 16 sweeps over the required frequency range with R&S Test-SW EMC32 for 4 positions of the turntable, two orthogonal positions of the EUT and both antenna polarizations. This procedure exceeds the requirement of the above standards to cover the 3 orthogonal axis of the EUT. A max peak detector is utilized during the exploratory measurement. The Test-SW creates an overall maximum trace for all 12 sweeps and saves the settings for each point of this trace. The maximum trace is part of the test report.
- The 10 highest emissions are selected with an automatic algorithm of EMC32 searching for peaks in the noise floor and ensuring that broadband signals are not selected multiple times.
- The maxima are then put through the final measurement and again maximized in a 90deg range of the turntable, fine search in frequency domain and height scan between 1m and 4m.
- The above procedure is repeated for all possible ways of power supply to EUT and for all supported modulations.
- In case there are no emissions above noise floor level only the maximum trace is reported as described above.
- The results are split up into up to 4 frequency ranges due to antenna bandwidth restrictions. A magnetic loop is used from 9 kHz to 30 MHz, a Biconilog antenna is used from 30 MHz to 1 GHz, and two different horn antennas are used to cover frequencies up to 40 GHz.

Radiated Emissions Test Setup below 30MHz Measurements



Radiated Emissions Test Setup 30MHz-1GHz Measurements





5.2 Sample Calculations for Field Strength Measurements

Field Strength is calculated from the Spectrum Analyzer/ Receiver readings, taking into account the following parameters:

- Measured reading in dB μ V
- Cable Loss between the receiving antenna and SA in dB and
- Antenna Factor in dB/m

All radiated measurement plots in this report are taken from a test SW that calculates the Field Strength based on the following equation:

$$FS \text{ (dB}\mu\text{V/m)} = \text{Measured Value on SA (dB}\mu\text{V)} + \text{Cable Loss (dB)} + \text{Antenna Factor (dB/m)}$$

Example:

Frequency (MHz)	Measured SA (dB μ V)	Cable Loss (dB)	Antenna Factor Correction (dB)	Field Strength Result (dB μ V/m)
1000	80.5	3.5	14	98.0

6 Measurement Results Summary

6.1 Part 22 / RSS-132

Test Specification	Test Case	Temperature and Voltage Conditions	Mode	Pass	Fail	NA	NP	Result
§2.1046; §22.913 (a)	RF Output Power	Nominal		☐	☐	☐	■	Note 3
§2.1055; §22.355	Frequency Tolerance	Extreme Temperature and Voltage		☐	☐	☐	■	Note 4
§2.1049; §22.917	Occupied Bandwidth	Nominal		☐	☐	☐	■	Note 5
§2.1051; §22.917	Band Edge Compliance	Nominal		☐	☐	☐	■	Note 6
§2.1051; §22.917	Conducted Spurious Emissions	Nominal		☐	☐	☐	■	Note 2
§2.1053; §22.917	Radiated Spurious Emissions	Nominal	Op. 1	■	☐	☐	☐	Complies

Note 1: NA= Not Applicable; NP= Not Performed.

Note 2: Spurious emissions were evaluated with radiated measurement.

Note 3: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.1

Note 4: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.2

Note 5: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.5

Note 6: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.6

6.2 Part 24 / RSS-133

Test Specification	Test Case	Temperature and Voltage Conditions	Mode	Pass	Fail	NA	NP	Result
§2.1046; §24.232 (a)	RF Output Power	Nominal		☐	☐	☐	■	Note 3
§2.1055; §24.235	Frequency Stability	Extreme Temperature and Voltage		☐	☐	☐	■	Note 4
§2.1049; §24.238	Occupied Bandwidth	Nominal		☐	☐	☐	■	Note 5
§2.1051; §24.238	Band Edge Compliance	Nominal		☐	☐	☐	■	Note 6
§2.1051; §24.238	Conducted Spurious Emissions	Nominal		☐	☐	☐	■	Note 2
§2.1053; §24.238	Radiated Spurious Emissions	Nominal	Op. 1	■	☐	☐	☐	Complies

Note 1: NA= Not Applicable; NP= Not Performed.

Note 2: Spurious emissions were evaluated with radiated measurement.

Note 3: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.8

Note 4: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.9

Note 5: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.12

Note 6: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.13

6.3 Part 27, 90 / RSS-139, RSS-199

Test Specification	Test Case	Temperature and Voltage Conditions	Mode	Pass	Fail	NA	NP	Result
§2.1046; §27.50	RF Output Power	Nominal		☐	☐	☐	■	Note 3
§2.1055; §27.54	Frequency Stability	Extreme Temperature and Voltage		☐	☐	☐	■	Note 4
§2.1049; §27.53	Occupied Bandwidth	Nominal		☐	☐	☐	■	Note 5
§2.1051; §27.53	Band Edge Compliance	Nominal		☐	☐	☐	■	Note 6
§2.1051; §27.53	Conducted Spurious Emissions	Nominal		☐	☐	☐	■	Note 2
§2.1053; §27.53	Radiated Spurious Emissions	Nominal	Op. 1	■	☐	☐	☐	Complies

Note 1: NA= Not Applicable; NP= Not Performed.

Note 2: Spurious emissions were evaluated with radiated measurement.

Note 3: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.15 and section 5.29

Note 4: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.16

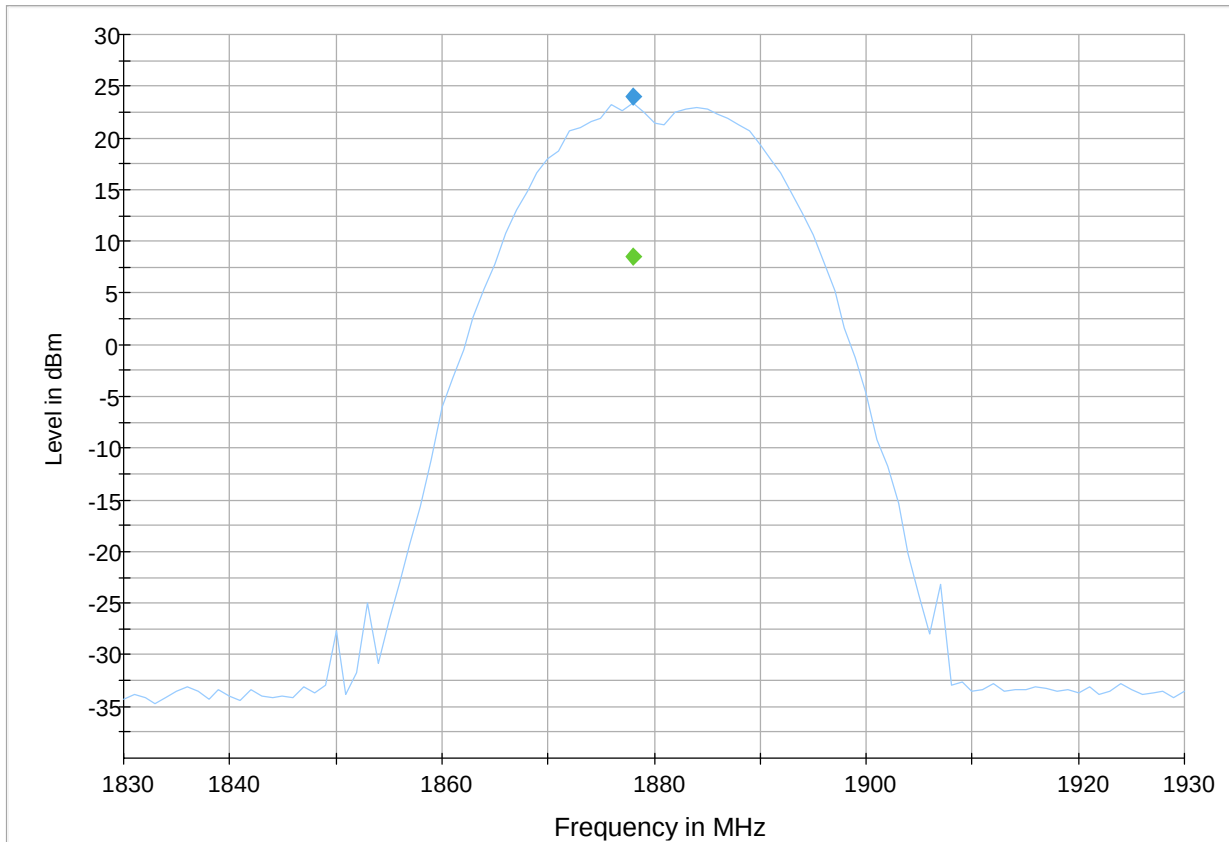
Note 5: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.19 and section 5.32

Note 6: Leveraged from module report: MDE_UBLOX_2029_FCC_01 under FCC ID: XPYUBX21BE01, section 5.20 and section 5.33

6.4 EIRP

LTE B2

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
1878.00	---	8.55	---	---	500.0	50000.0	157.0	H	330.0	-64.1	
1878.00	24.05	---	---	---	500.0	50000.0	157.0	H	330.0	-64.1	



Preview Result 2-RMS Preview Result 1-PK+ Final_Result PK+ Final_Result RMS

7 Test Result Data

7.1 Radiated Spurious Emissions

7.1.1 Measurement utilizing KDB 971168 D01 Power Meas License Digital Systems v03r01, and according to ANSI/TIA-603-D-2010

Spectrum Analyzer Settings for FCC 22

Frequency Range	30MHz – 1 GHz	1 – 1.58 GHz	1.58 – 9 GHz
Resolution Bandwidth	100 kHz	1 MHz	1 MHz
Video Bandwidth	100 kHz	1 MHz	1 MHz
Detector	Peak	Peak	Peak
Trace Mode	Max Hold	Max Hold	Max Hold
Sweep Time	Auto	Auto	Auto

Spectrum Analyzer Settings for FCC 24

Frequency Range	30MHz – 1 GHz	1 – 2.7 GHz	2.7 – 18 GHz	18 – 19.1 GHz
Resolution Bandwidth	100 kHz	1 MHz	1 MHz	1 MHz
Video Bandwidth	100 kHz	1 MHz	1 MHz	1 MHz
Detector	Peak	Peak	Peak	Peak
Trace Mode	Max Hold	Max Hold	Max Hold	Max Hold
Sweep Time	Auto	Auto	Auto	Auto

7.1.2 Limits:

7.1.2.1 FCC Part 22.917 (a); FCC Part 24.238 (a); FCC Part 27.53 (h)

Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least $43 + 10 \log(P)$ dB.

7.1.2.2 RSS-132 Part 5.5; RSS-133 Part 6.5; RSS-139 Part 6.6 Transmitter Unwanted Emissions

Mobile and base station equipment shall comply with the limits in (i) and (ii) below.

i. In the first 1.0 MHz band immediately outside and adjacent to each of the sub-bands specified in Section 5.1, the power of emissions per any 1% of the occupied bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts).

ii. After the first 1.0 MHz immediately outside and adjacent to each of the sub-bands, the power of emissions in any 100 kHz bandwidth shall be attenuated (in dB) below the transmitter output power P (dBW) by at least $43 + 10 \log_{10} p$ (watts). If the measurement is performed using 1% of the occupied bandwidth, power integration over 100 kHz is required.

Note: The limit calculation result is a constant of -13 dBm.

7.1.3 Test conditions and setup:

Ambient Temperature (C)	EUT Set-Up #	EUT operating mode	Power Input
22	1	Op. 1	120 VAC

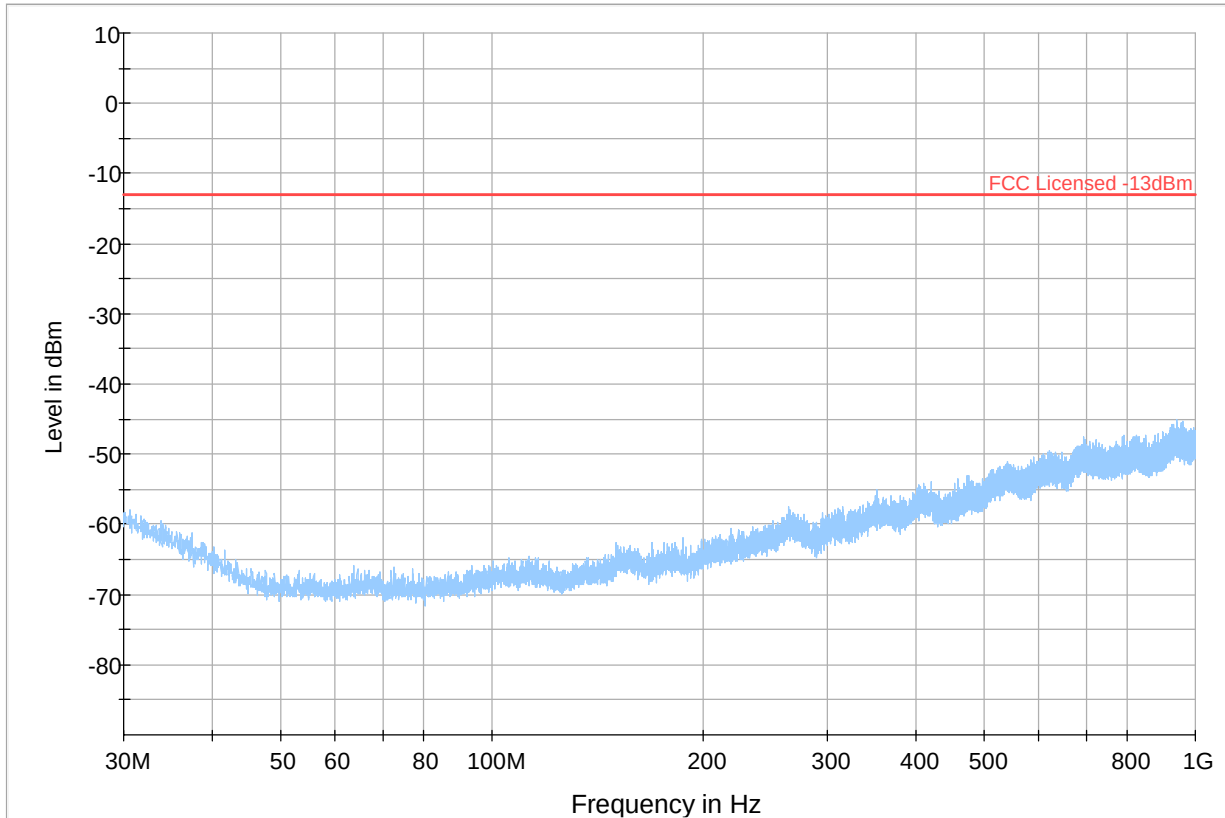
7.1.4 Measurement result:

Plot #	Channel	EUT operating mode	Scan Frequency	Limit (dBm)	Result
1-3	Low	LTE 2	30 MHz – 18 GHz	-13	Pass
4-8	Mid	LTE 2	9 kHz – 22 GHz	-13	Pass
9-11	High	LTE 2	30 MHz – 18 GHz	-13	Pass
12-14	Low	LTE 4	30 MHz – 18 GHz	-13	Pass
15-19	Mid	LTE 4	9 kHz – 30 GHz	-13	Pass
20-22	High	LTE 4	30 MHz – 18 GHz	-13	Pass
23-25	Low	LTE 5	30 MHz – 9 GHz	-13	Pass
26-29	Mid	LTE 5	9 kHz – 9 GHz	-13	Pass
30-32	High	LTE 5	30 MHz – 9 GHz	-13	Pass
33-35	Low	LTE 7	30 MHz – 18 GHz	-13	Pass
36-40	Mid	LTE 7	9 kHz – 30 GHz	-13	Pass
41-43	High	LTE 7	30 MHz – 18 GHz	-13	Pass
44-46	Low	LTE 12	30 MHz – 9 GHz	-13	Pass
47-50	Mid	LTE 12	9 kHz – 9 GHz	-13	Pass
51-53	High	LTE 12	30 MHz – 9 GHz	-13	Pass
54-57	Mid	LTE 13	9 kHz – 9 GHz	-13	Pass
58-60	Low	LTE 26	30 MHz – 9 GHz	-13	Pass
61-64	Mid	LTE 26	9 kHz – 9 GHz	-13	Pass
65-67	High	LTE 26	30 MHz – 9 GHz	-13	Pass
68-70	Low	LTE 38	30 MHz – 18 GHz	-13	Pass
71-75	Mid	LTE 38	9 kHz – 30 GHz	-13	Pass
76-78	High	LTE 38	30 MHz – 18 GHz	-13	Pass
79-81	Low	LTE 41	30 MHz – 18 GHz	-13	Pass
82-86	Mid	LTE 41	9 kHz – 30 GHz	-13	Pass
87-89	High	LTE 41	30 MHz – 18 GHz	-13	Pass
90-92	Low	UMTS II	30 MHz – 18 GHz	-13	Pass
93-97	Mid	UMTS II	9 kHz – 22 GHz	-13	Pass
98-100	High	UMTS II	30 MHz – 18 GHz	-13	Pass
101-103	Low	UMTS V	30 MHz – 9 GHz	-13	Pass
104-107	Mid	UMTS V	9 kHz – 9 GHz	-13	Pass
108-110	High	UMTS V	30 MHz – 9 GHz	-13	Pass
111-113	Low	GSM 850	30 MHz – 9 GHz	-13	Pass
114-117	Mid	GSM 850	9 kHz – 9 GHz	-13	Pass
118-120	High	GSM 850	30 MHz – 9 GHz	-13	Pass
121-123	Low	GSM 1900	30 MHz – 18 GHz	-13	Pass
124-128	Mid	GSM 1900	9 kHz – 22 GHz	-13	Pass
129-131	High	GSM 1900	30 MHz – 18 GHz	-13	Pass

7.1.5 Measurement Plots:

Plot # 1

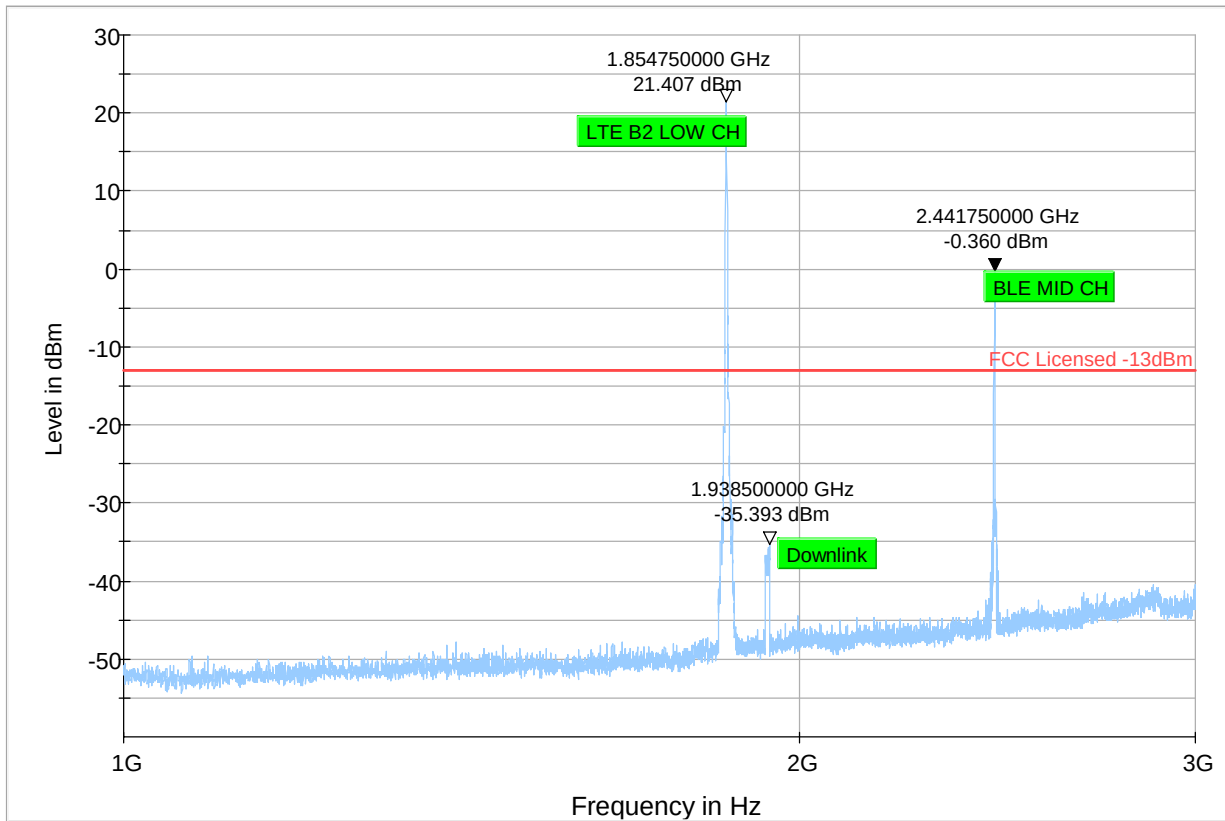
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---		---	---



◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 2

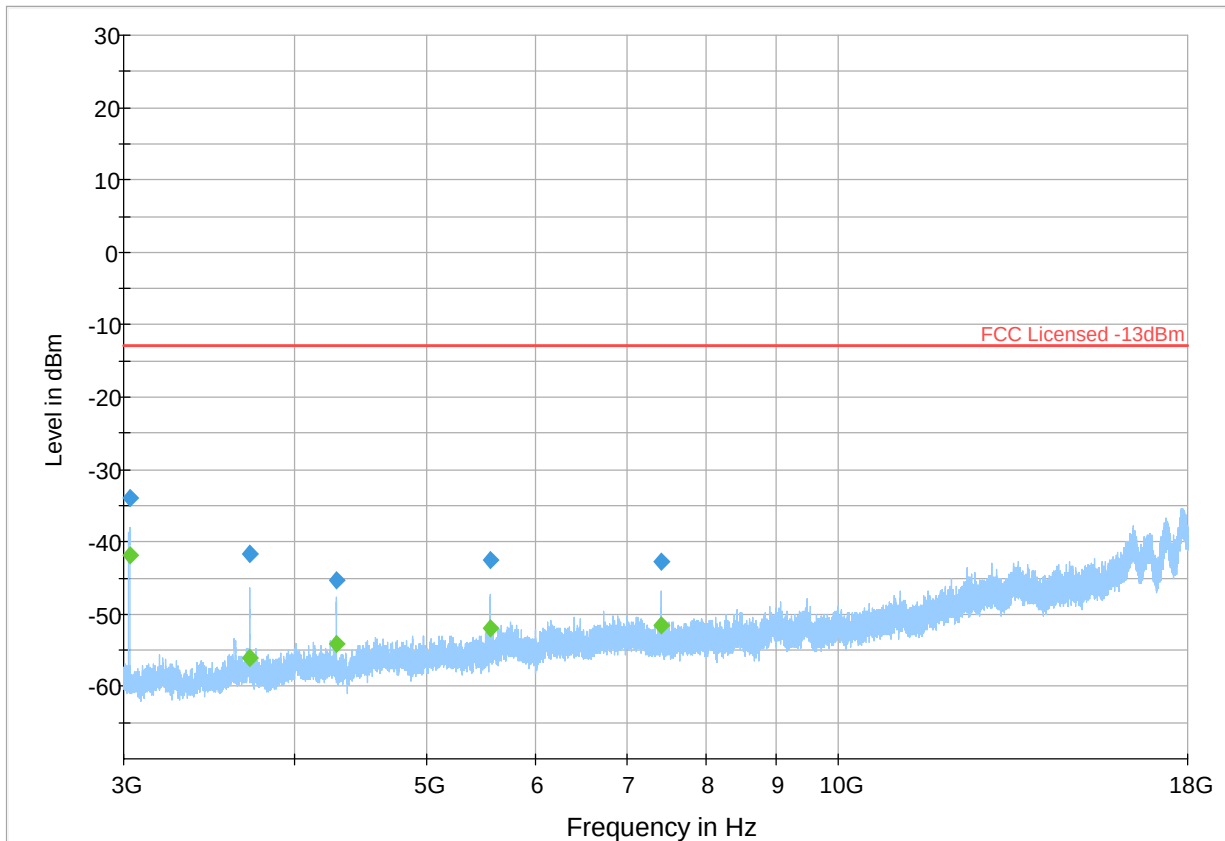
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
---	---	---	---	---	---	---	---	---	---	---



◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 3

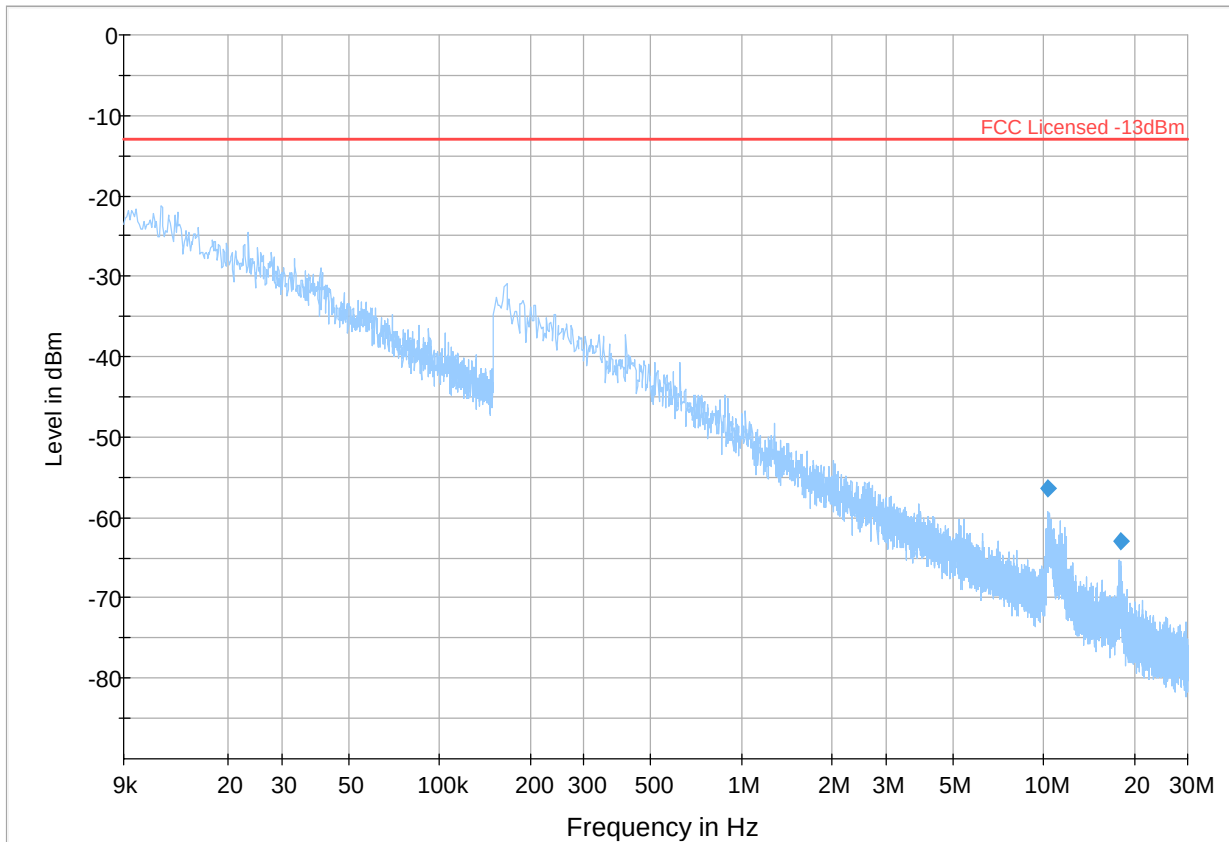
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3029.00	---	-41.81	---	---	500.0	1000.0	183.0	H	121.0	-103.1
3029.00	-33.95	---	-13.00	20.95	500.0	1000.0	183.0	H	121.0	-103.1
3708.75	---	-55.97	---	---	500.0	1000.0	164.0	H	239.0	-100.7
3708.75	-41.65	---	-13.00	28.65	500.0	1000.0	164.0	H	239.0	-100.7
4296.75	---	-54.21	---	---	500.0	1000.0	134.0	H	130.0	-99.6
4296.75	-45.22	---	-13.00	32.22	500.0	1000.0	134.0	H	130.0	-99.6
5565.50	---	-51.95	---	---	500.0	1000.0	152.0	H	280.0	-97.3
5565.50	-42.64	---	-13.00	29.64	500.0	1000.0	152.0	H	280.0	-97.3
7420.00	---	-51.62	---	---	500.0	1000.0	142.0	V	148.0	-95.0
7420.00	-42.82	---	-13.00	29.82	500.0	1000.0	142.0	V	148.0	-95.0



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 4

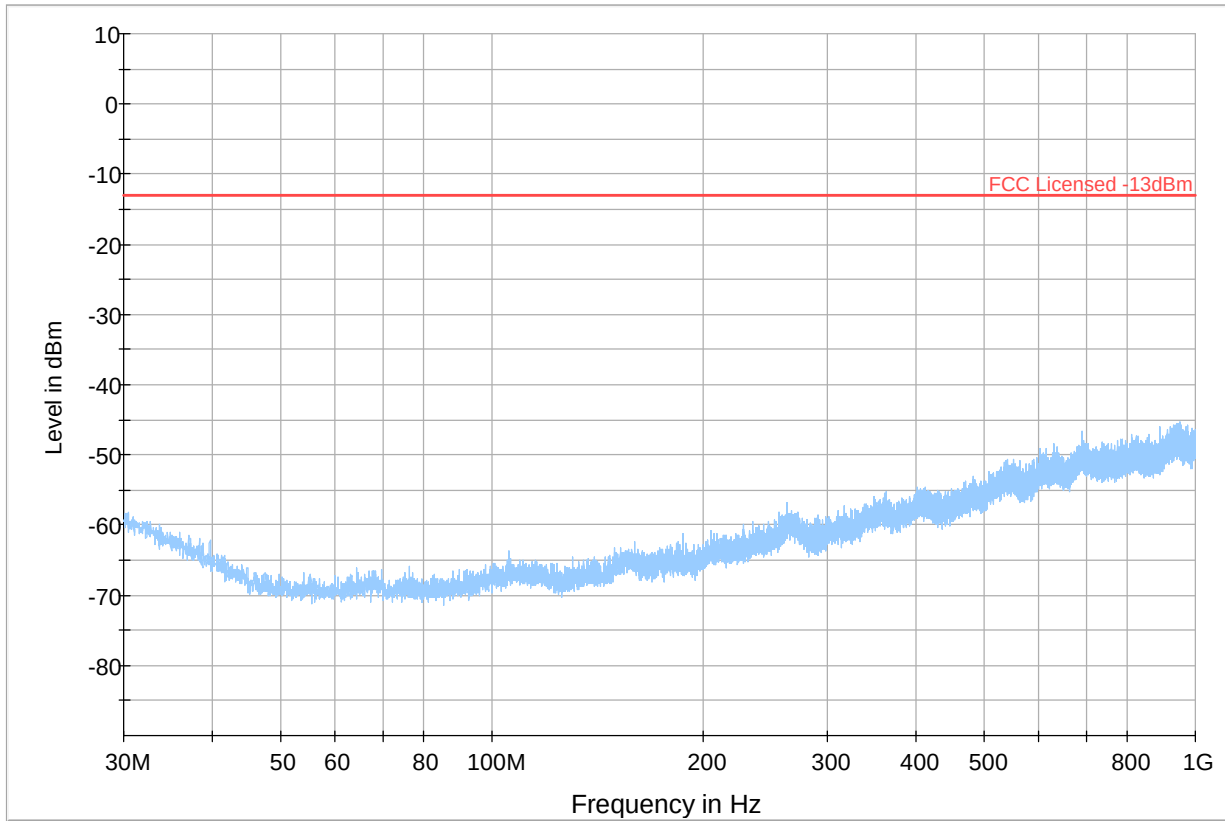
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
10.39	-56.49	---	-13.00	43.49	500.0	3.0	240.0	V	29.0	-77.52
17.94	-62.90	---	-13.00	49.90	500.0	3.0	199.0	V	77.0	-78.09



— Preview Result 1-PK+ — FCC Licensed -13dBm ◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 5

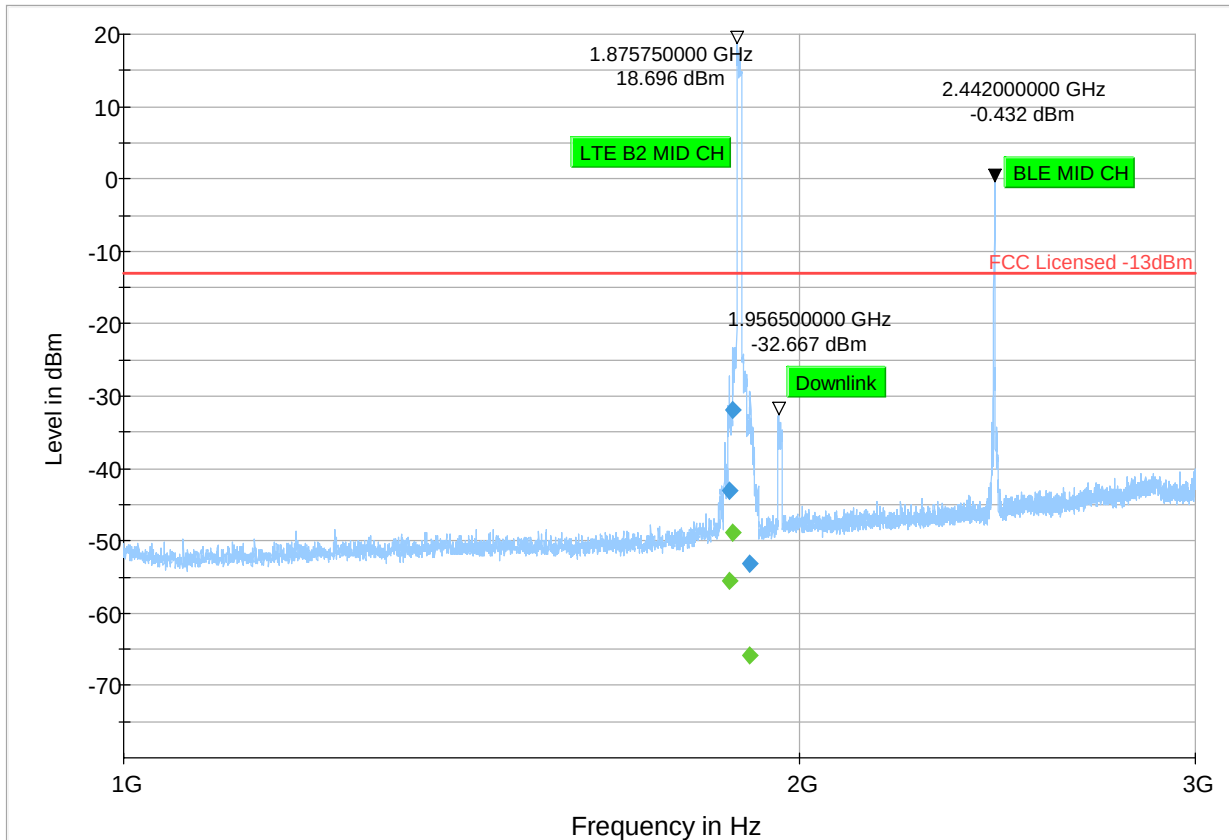
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm
Final_Result PK+ Final_Result RMS

Plot # 6

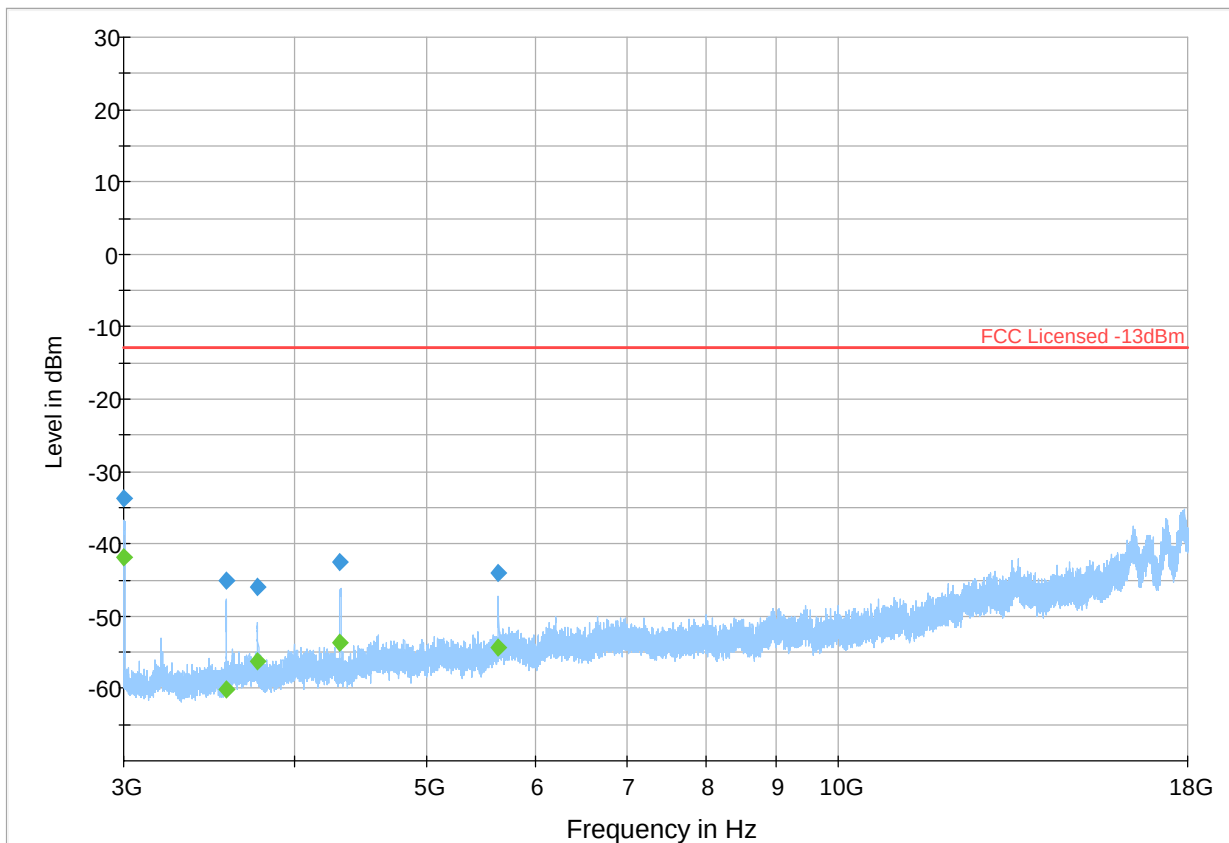
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1859.50	---	-55.60	---	---	500.0	1000.0	125.0	H	170.0	-64.2
1859.50	-43.05	---	-13.00	30.05	500.0	1000.0	125.0	H	170.0	-64.2
1867.25	---	-48.83	---	---	500.0	1000.0	159.0	H	167.0	-64.1
1867.25	-31.84	---	-13.00	18.84	500.0	1000.0	159.0	H	167.0	-64.1
1901.00	---	-65.93	---	---	500.0	1000.0	100.0	H	7.0	-64.1
1901.00	-53.17	---	-13.00	40.17	500.0	1000.0	100.0	H	7.0	-64.1



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 7

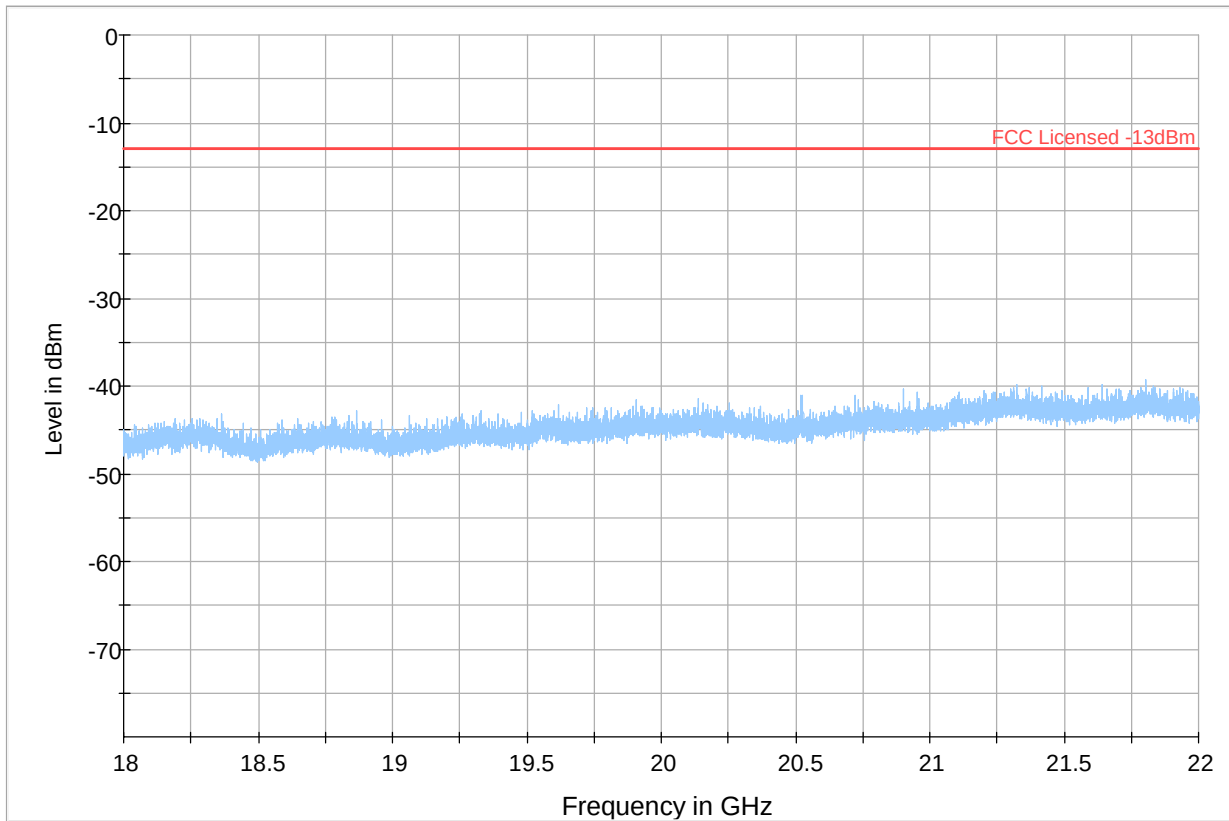
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3003.50	---	-41.90	---	---	500.0	1000.0	166.0	H	117.0	-103.0
3003.50	-33.70	---	-13.00	20.70	500.0	1000.0	166.0	H	117.0	-103.0
3563.75	---	-60.22	---	---	500.0	1000.0	107.0	H	241.0	-101.8
3563.75	-45.15	---	-13.00	32.15	500.0	1000.0	107.0	H	241.0	-101.8
3759.00	---	-56.24	---	---	500.0	1000.0	125.0	V	33.0	-100.9
3759.00	-45.88	---	-13.00	32.88	500.0	1000.0	125.0	V	33.0	-100.9
4321.00	---	-53.70	---	---	500.0	1000.0	125.0	H	259.0	-99.8
4321.00	-42.64	---	-13.00	29.64	500.0	1000.0	125.0	H	259.0	-99.8
5640.25	---	-54.36	---	---	500.0	1000.0	143.0	H	316.0	-96.3
5640.25	-44.01	---	-13.00	31.01	500.0	1000.0	143.0	H	316.0	-96.3



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 8

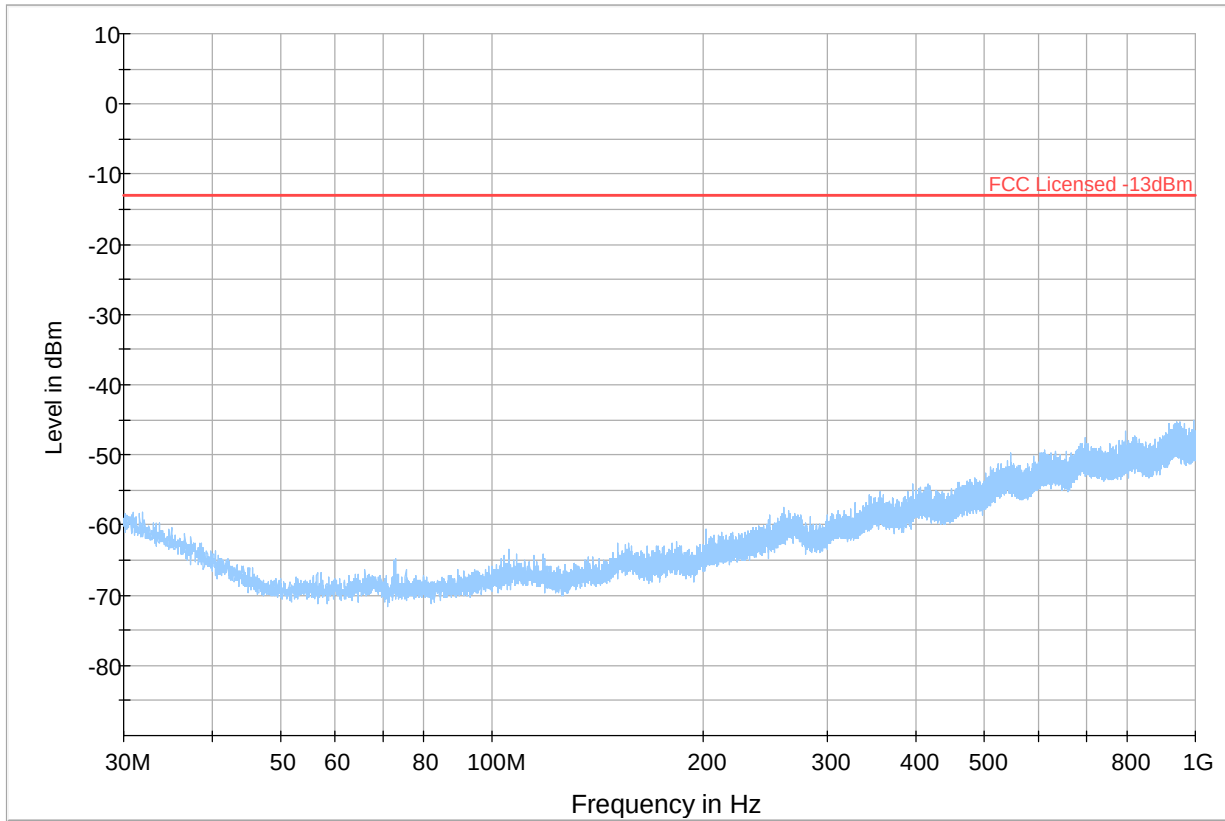
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm
Final_Result PK+ ♦ Final_Result RMS

Plot # 9

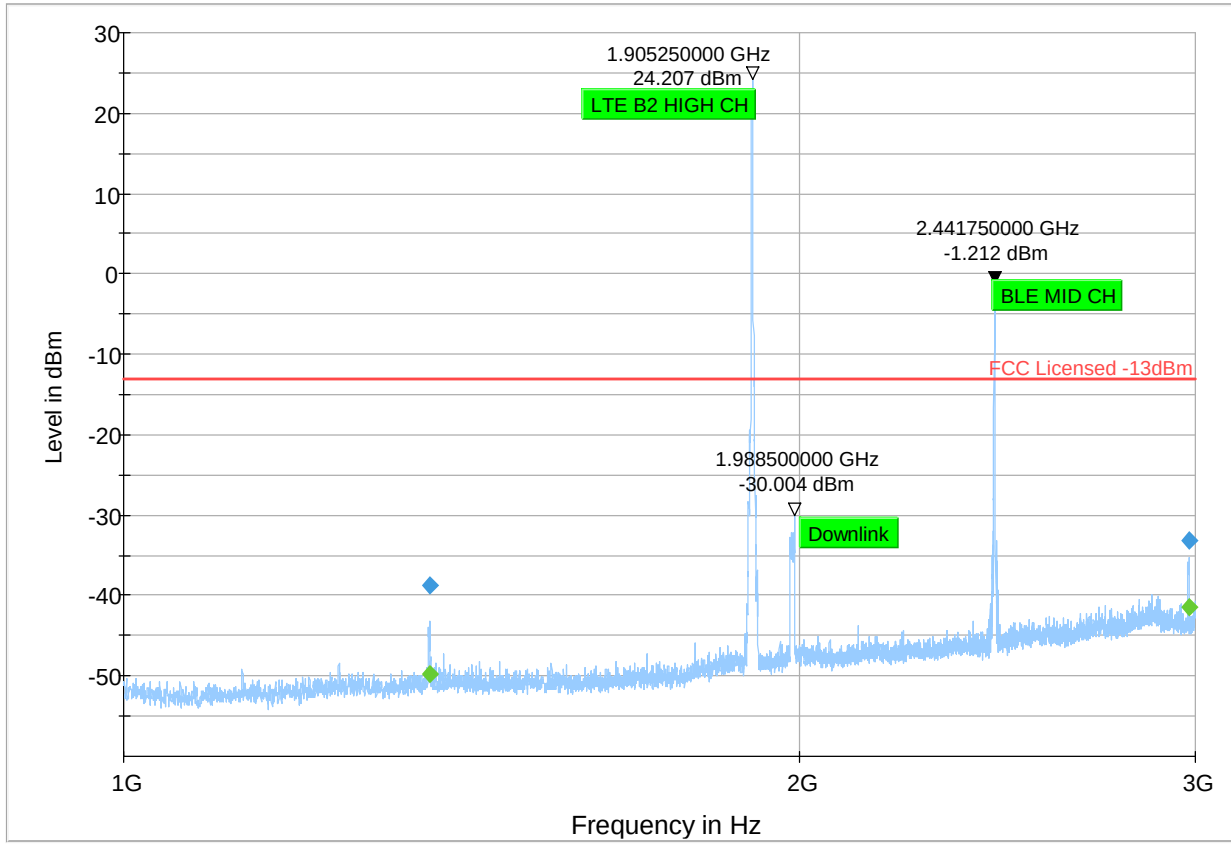
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm
Final_Result PK+ ♦ Final_Result RMS

Plot # 10

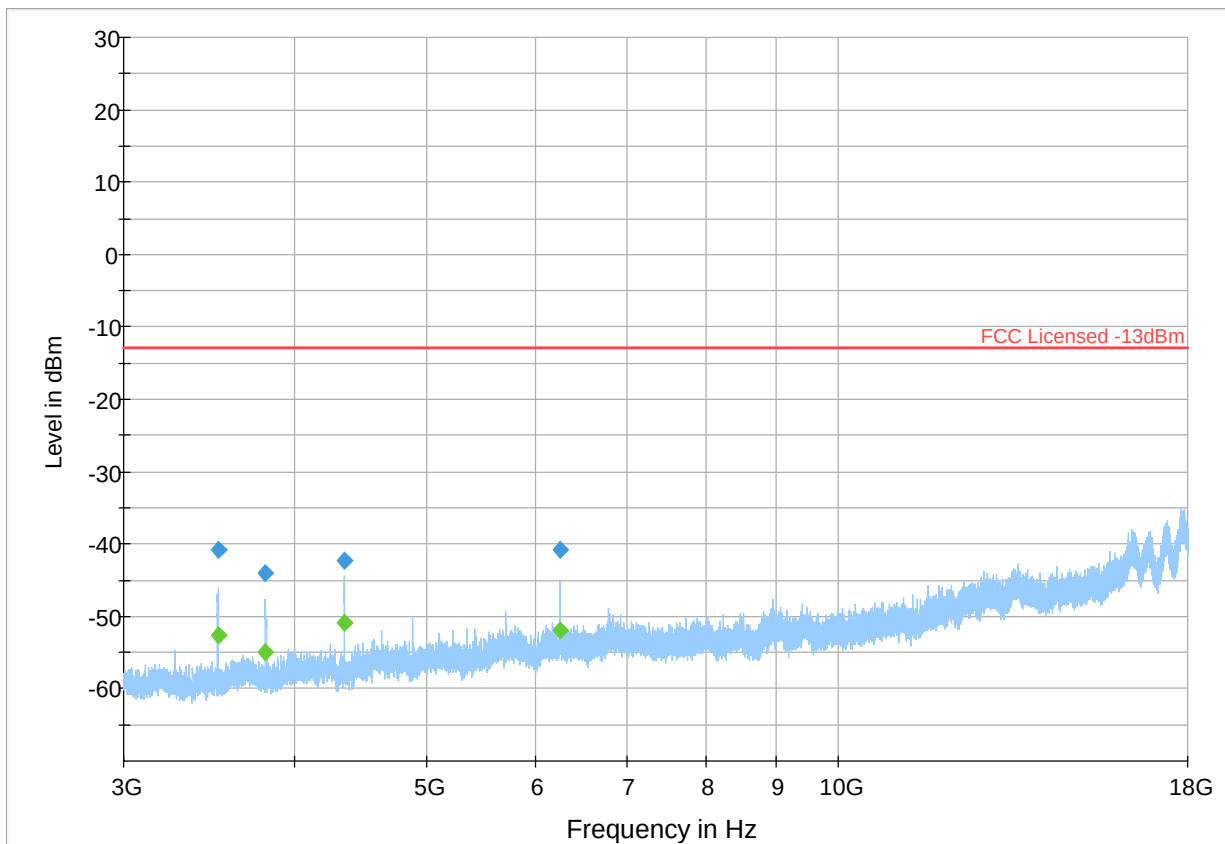
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1369.00	---	-49.72	---	---	500.0	1000.0	150.0	H	134.0	-66.4
1369.00	-38.67	---	-13.00	25.67	500.0	1000.0	150.0	H	134.0	-66.4
2979.25	---	-41.37	---	---	500.0	1000.0	180.0	H	87.0	-60.2
2979.25	-33.22	---	-13.00	20.22	500.0	1000.0	180.0	H	87.0	-60.2



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

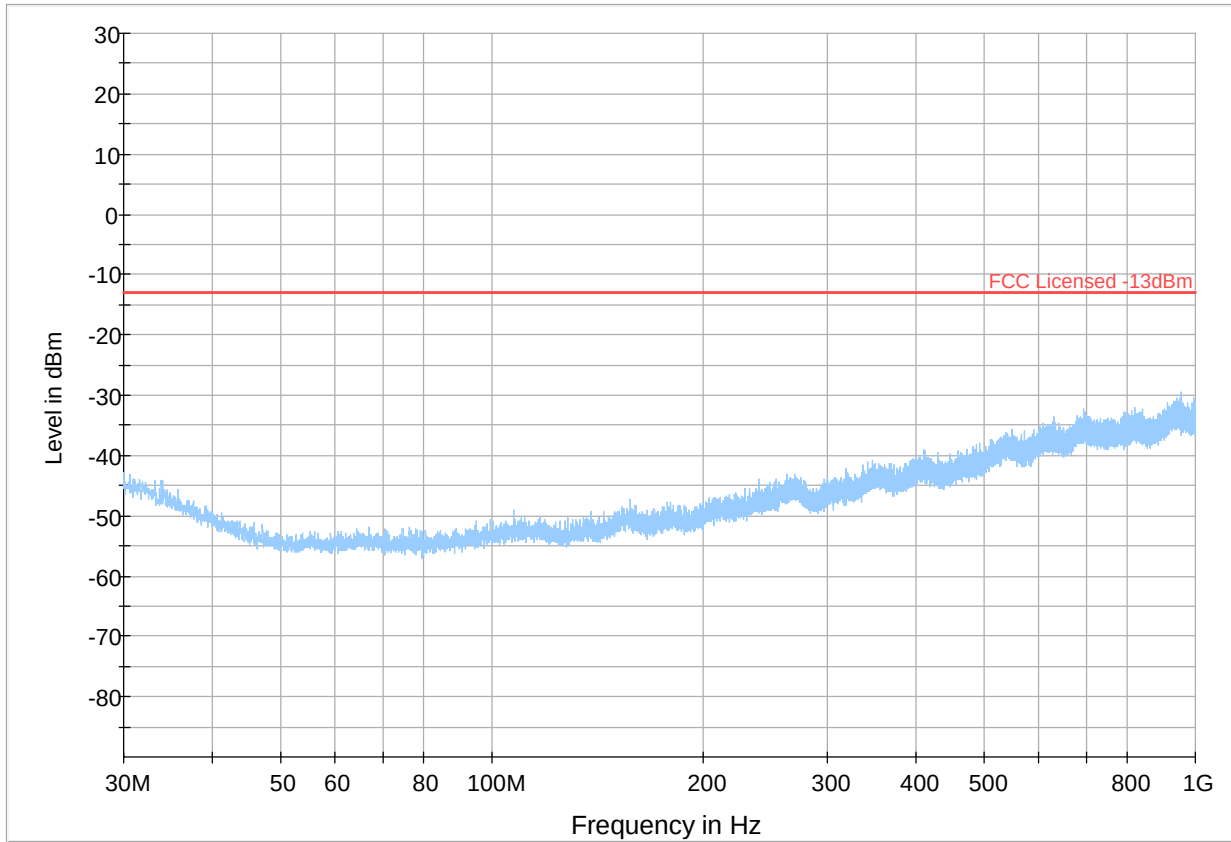
Plot # 11

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3516.75	---	-52.55	---	---	500.0	1000.0	204.0	H	329.0	-102.2
3516.75	-40.76	---	-13.00	27.76	500.0	1000.0	204.0	H	329.0	-102.2
3809.75	---	-54.88	---	---	500.0	1000.0	255.0	H	189.0	-101.5
3809.75	-44.01	---	-13.00	31.01	500.0	1000.0	255.0	H	189.0	-101.5
4347.25	---	-50.89	---	---	500.0	1000.0	151.0	H	252.0	-99.9
4347.25	-42.31	---	-13.00	29.31	500.0	1000.0	151.0	H	252.0	-99.9
6252.00	---	-52.03	---	---	500.0	1000.0	195.0	H	257.0	-95.8
6252.00	-40.89	---	-13.00	27.89	500.0	1000.0	195.0	H	257.0	-95.8



Plot # 12

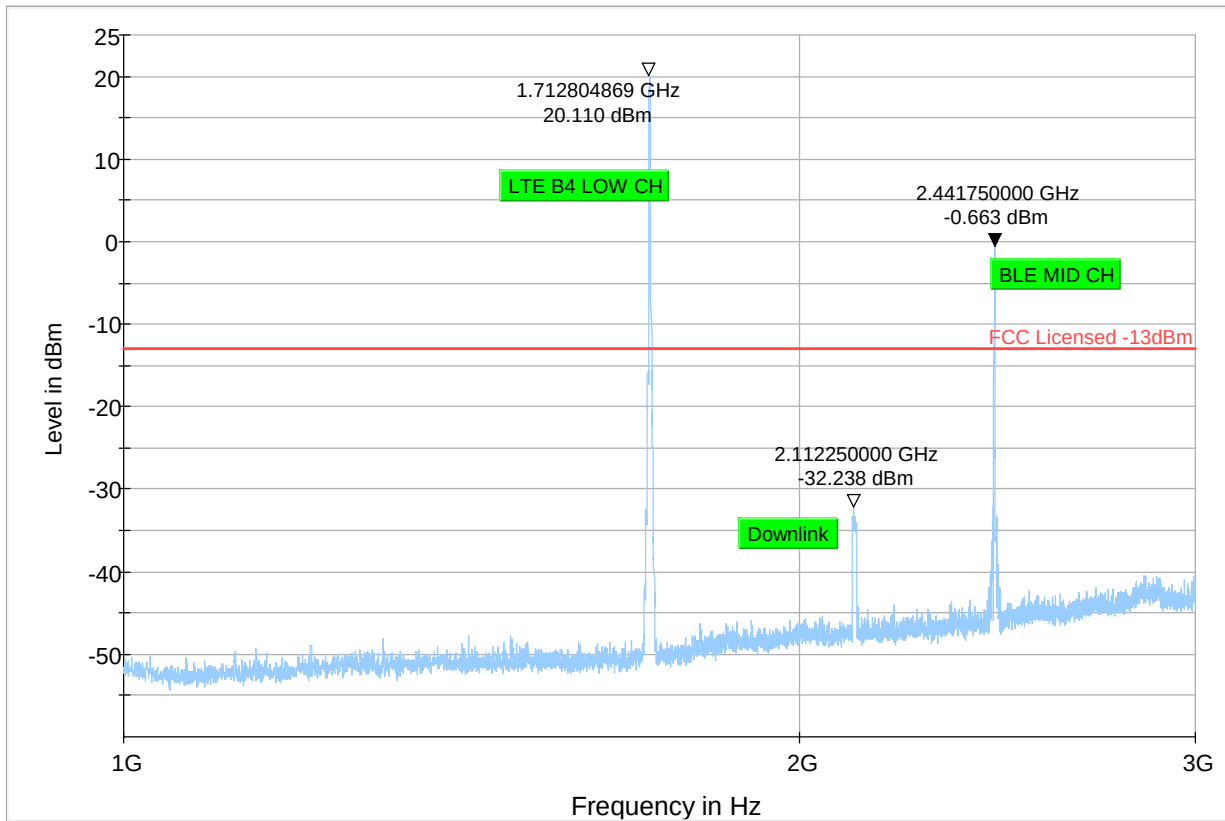
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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— Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm ◆ Final_Result RM

Plot # 13

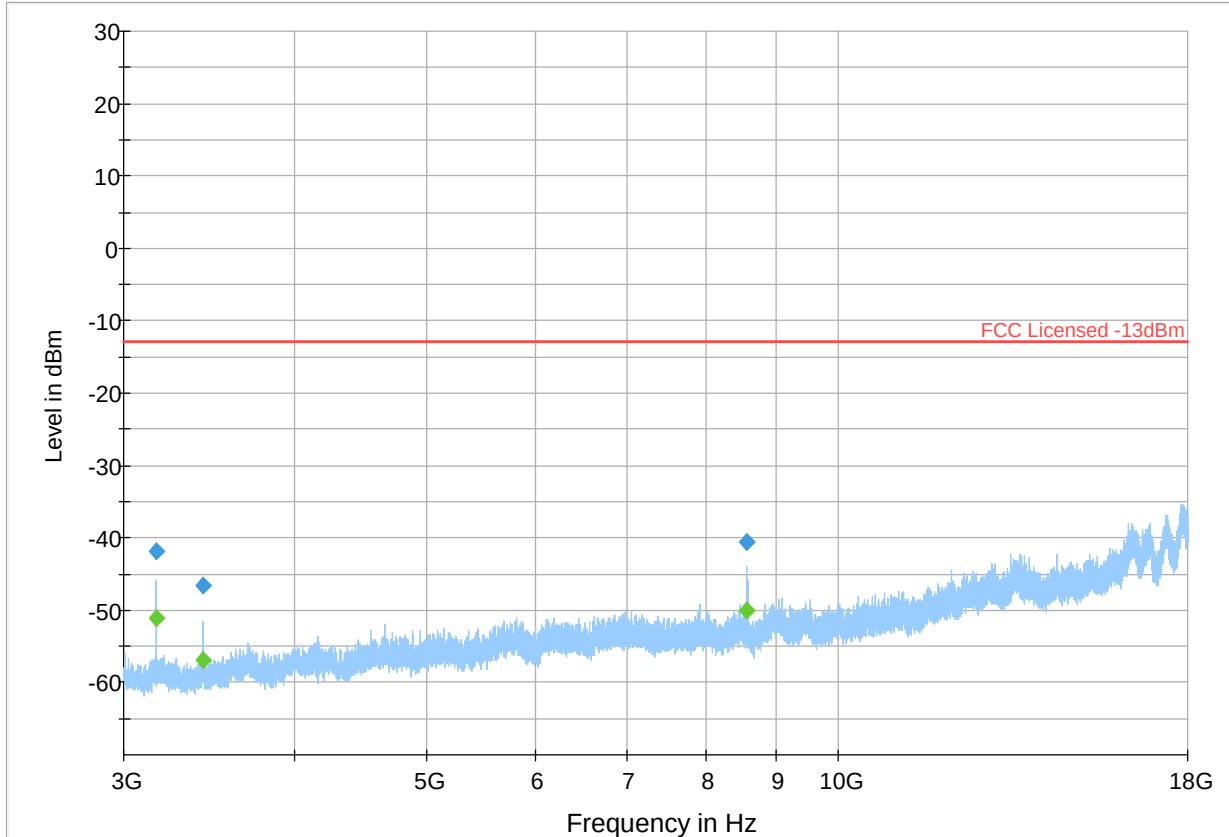
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm
Final_Result PK+ ♦ Final_Result RMS

Plot # 14

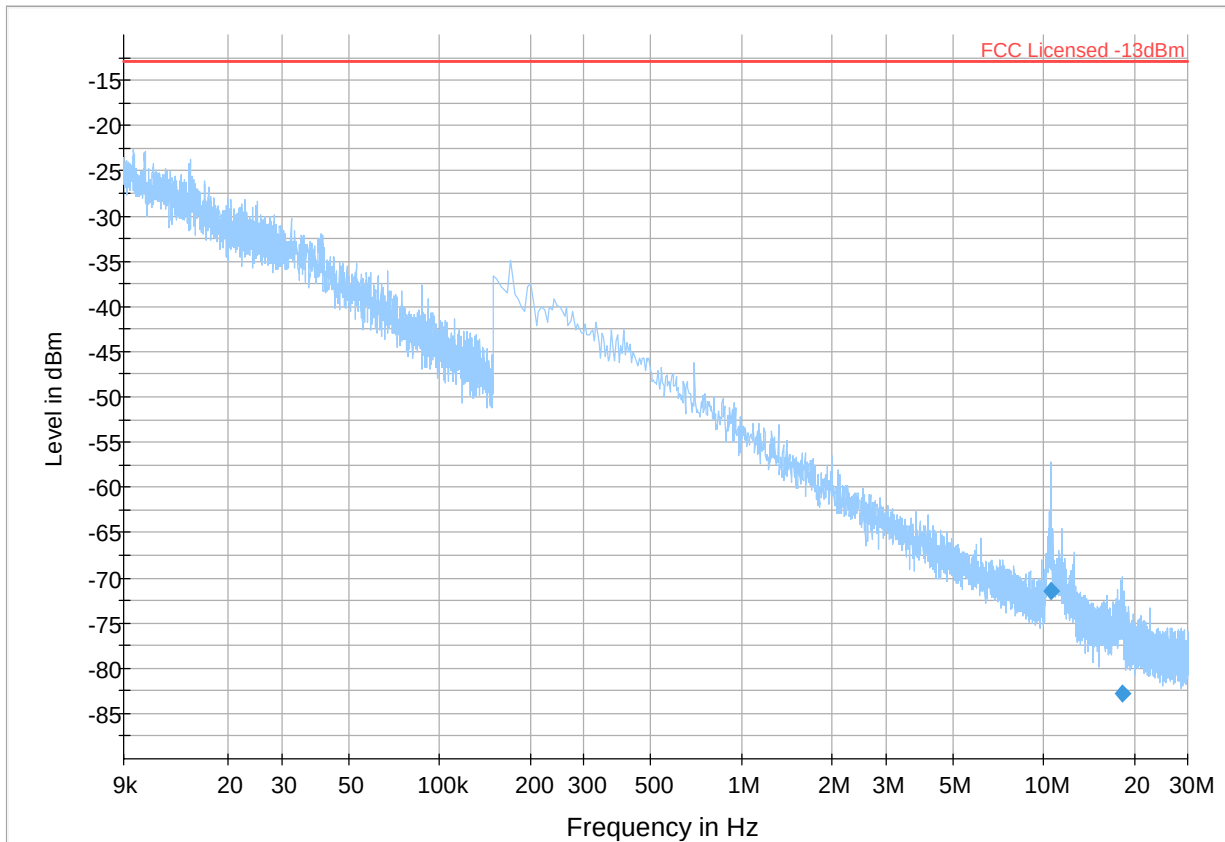
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3169.50	---	-51.21	---	---	500.0	1000.0	183.0	H	204.0	-102.7
3169.50	-41.83	---	-13.00	28.83	500.0	1000.0	183.0	H	204.0	-102.7
3431.00	---	-56.88	---	---	500.0	1000.0	169.0	V	319.0	-102.3
3431.00	-46.58	---	-13.00	33.58	500.0	1000.0	169.0	V	319.0	-102.3
8574.25	---	-50.10	---	---	500.0	1000.0	142.0	V	339.0	-95.4
8574.25	-40.54	---	-13.00	27.54	500.0	1000.0	142.0	V	339.0	-95.4



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 15

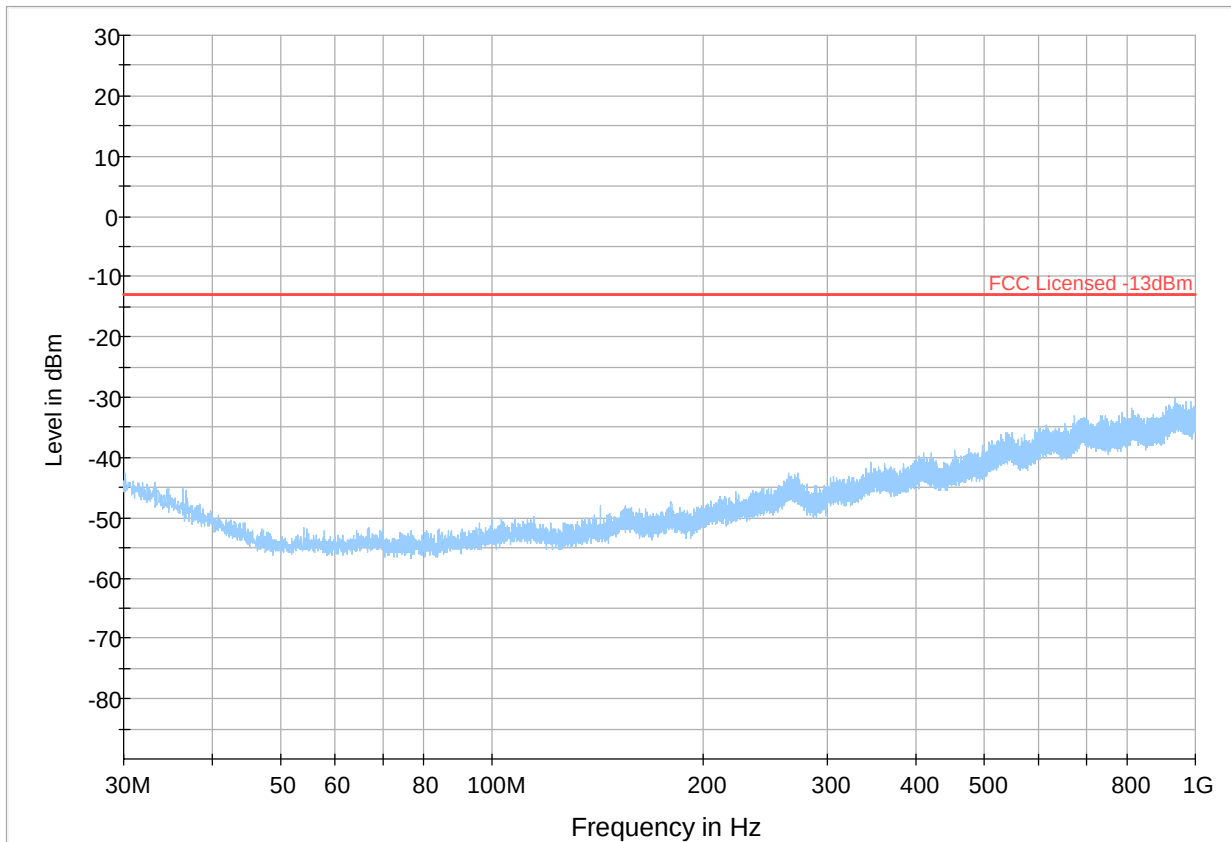
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
10.54	-71.46	-13.00	58.46	500.0	1.0	305.0	V	141.0	-77.53	
18.33	-82.80	-13.00	69.80	500.0	1.0	163.0	V	19.0	-78.12	



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result RMS

Plot # 16

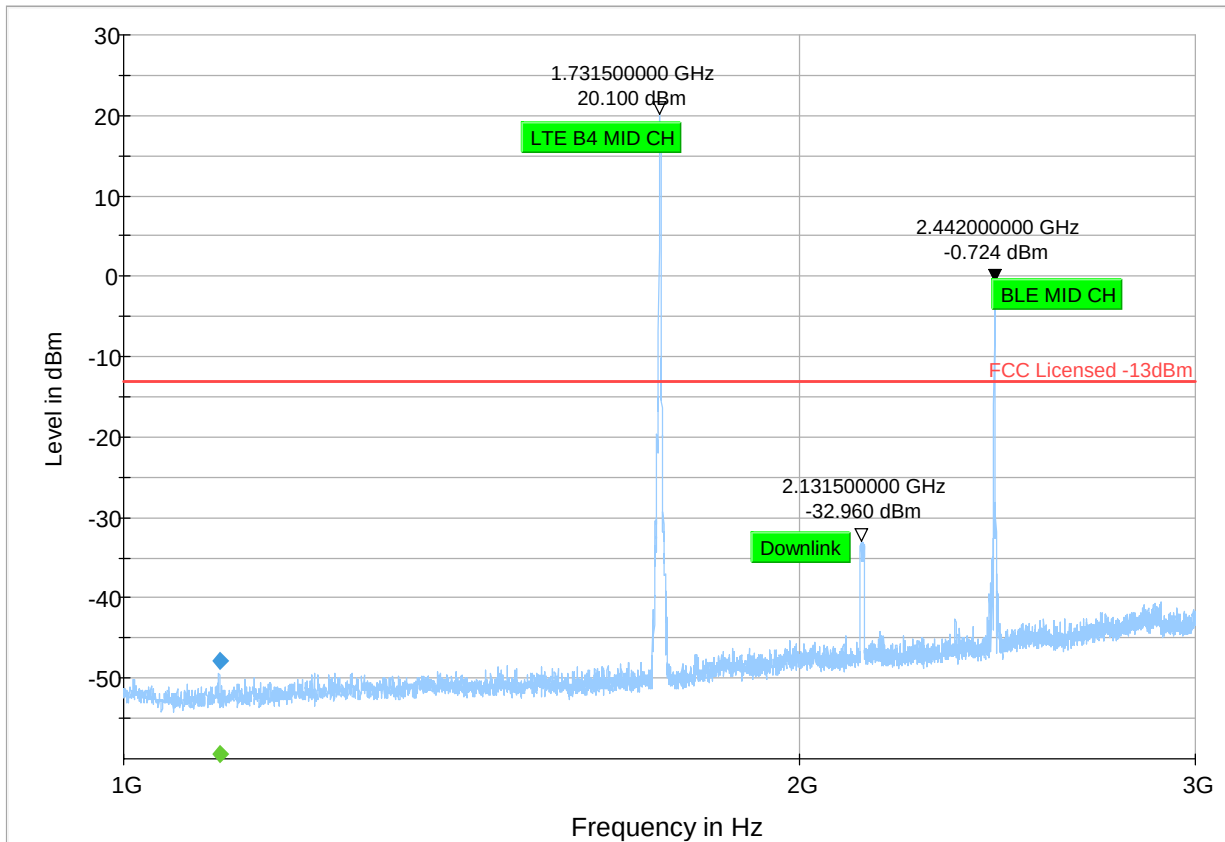
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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— Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm ◆ Final_Result RM

Plot # 17

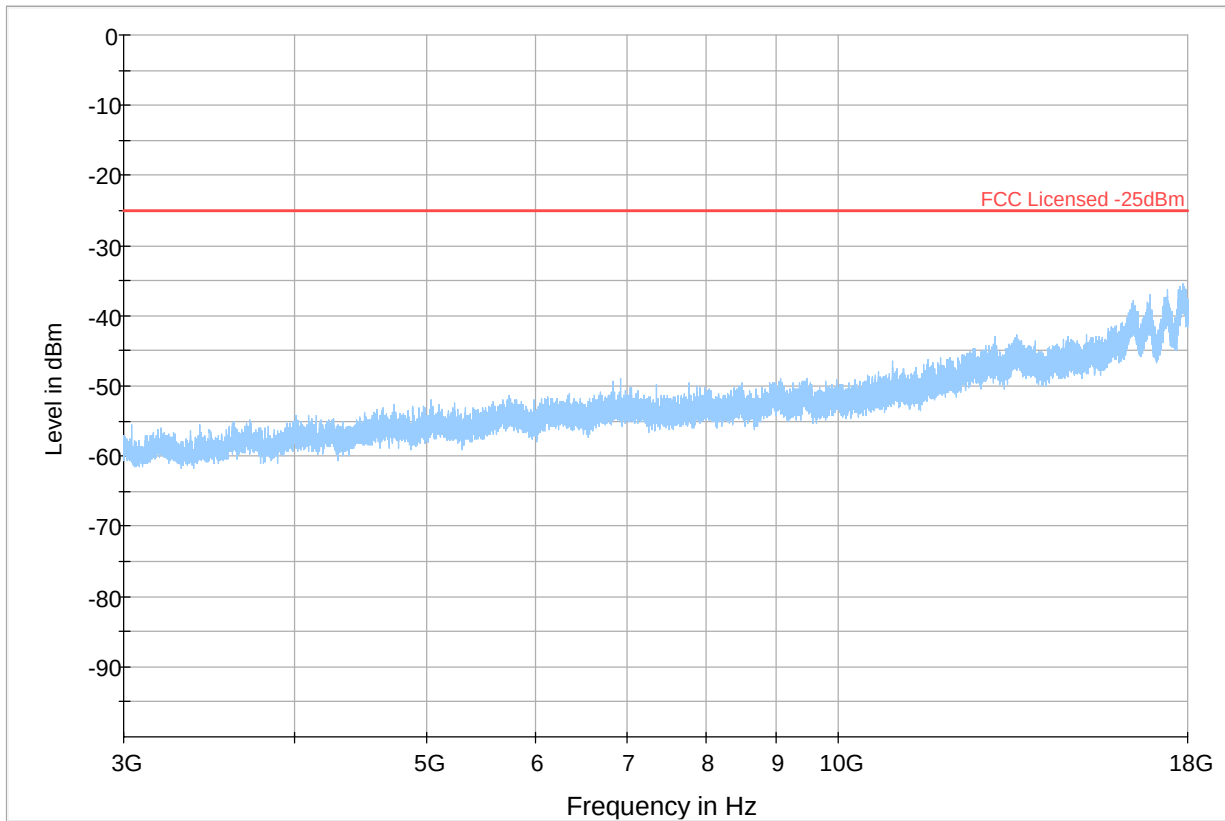
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1103.00	---	-59.41	---	---	500.0	1000.0	120.0	V	217.0	-67.5
1103.00	-47.75	---	-13.00	34.75	500.0	1000.0	120.0	V	217.0	-67.5



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RMS

Plot # 18

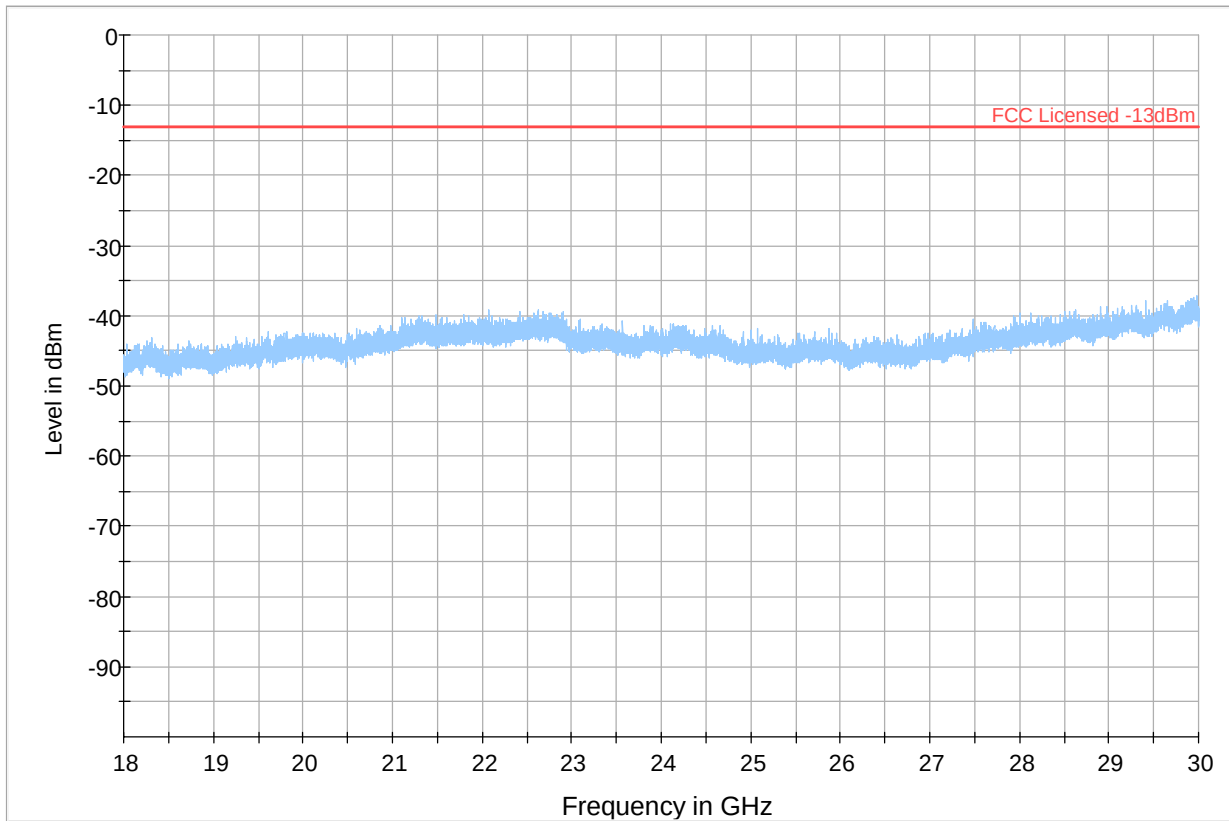
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -25dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 19

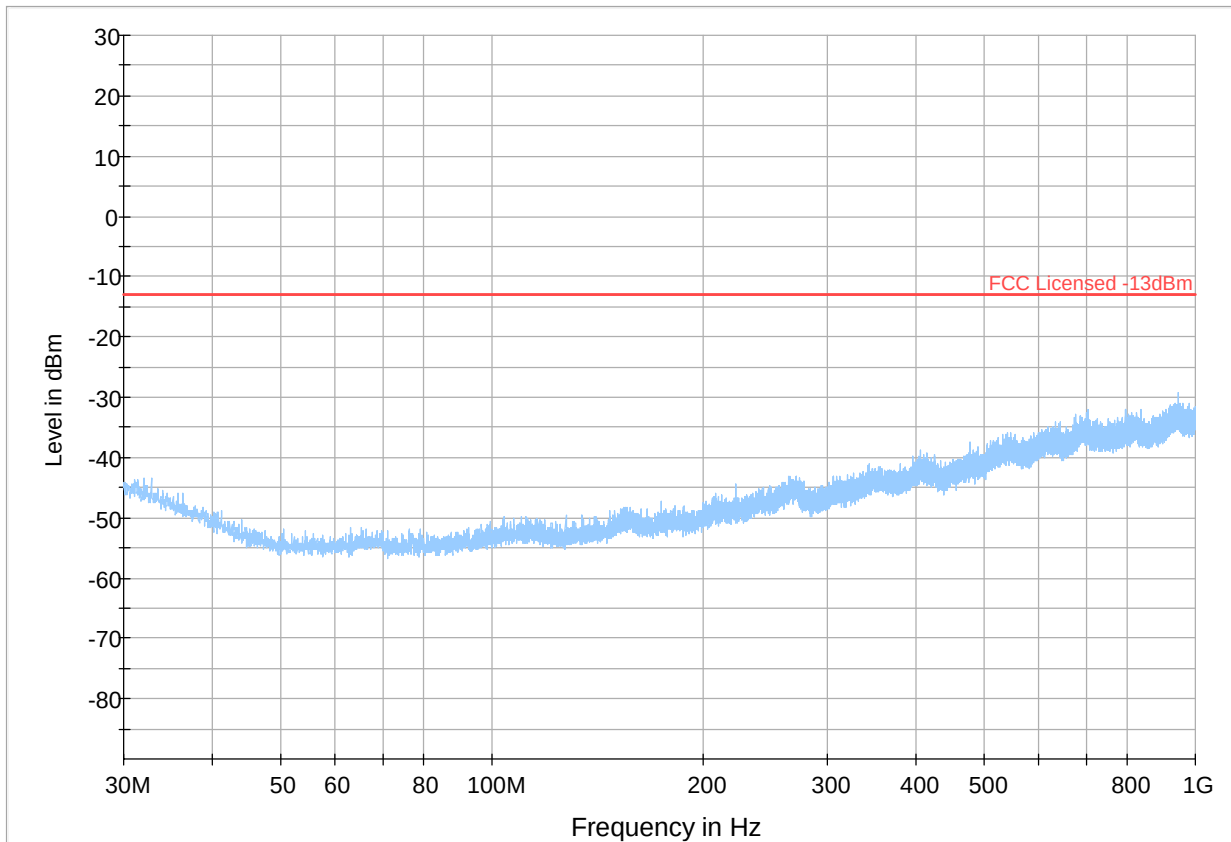
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm
Final_Result PK+ ◆ Final_Result RMS

Plot # 20

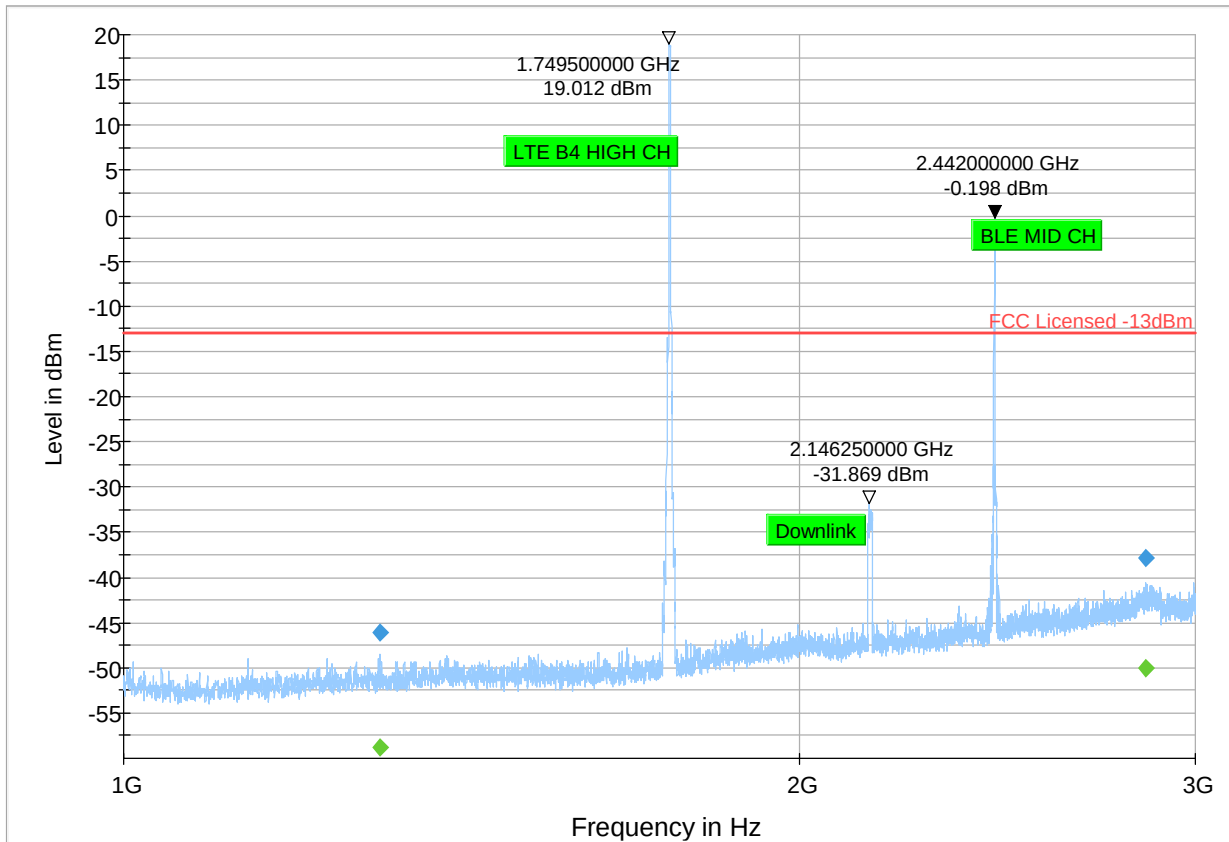
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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— Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm ◆ Final_Result RM

Plot # 21

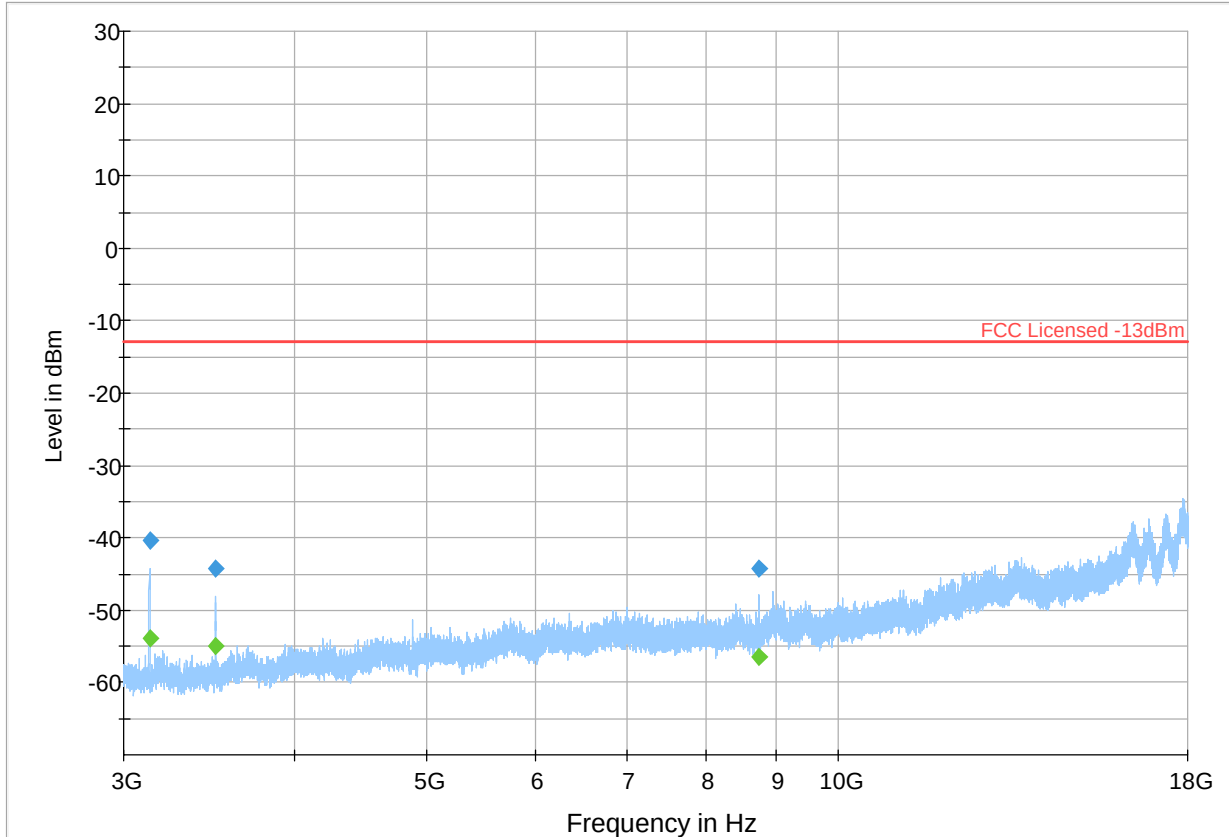
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1299.75	---	-58.72	---	---	500.0	1000.0	218.0	H	166.0	-66.7
1299.75	-46.04	---	-13.00	33.04	500.0	1000.0	218.0	H	166.0	-66.7
2852.50	---	-50.10	---	---	500.0	1000.0	176.0	V	91.0	-60.7
2852.50	-37.84	---	-13.00	24.84	500.0	1000.0	176.0	V	91.0	-60.7



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

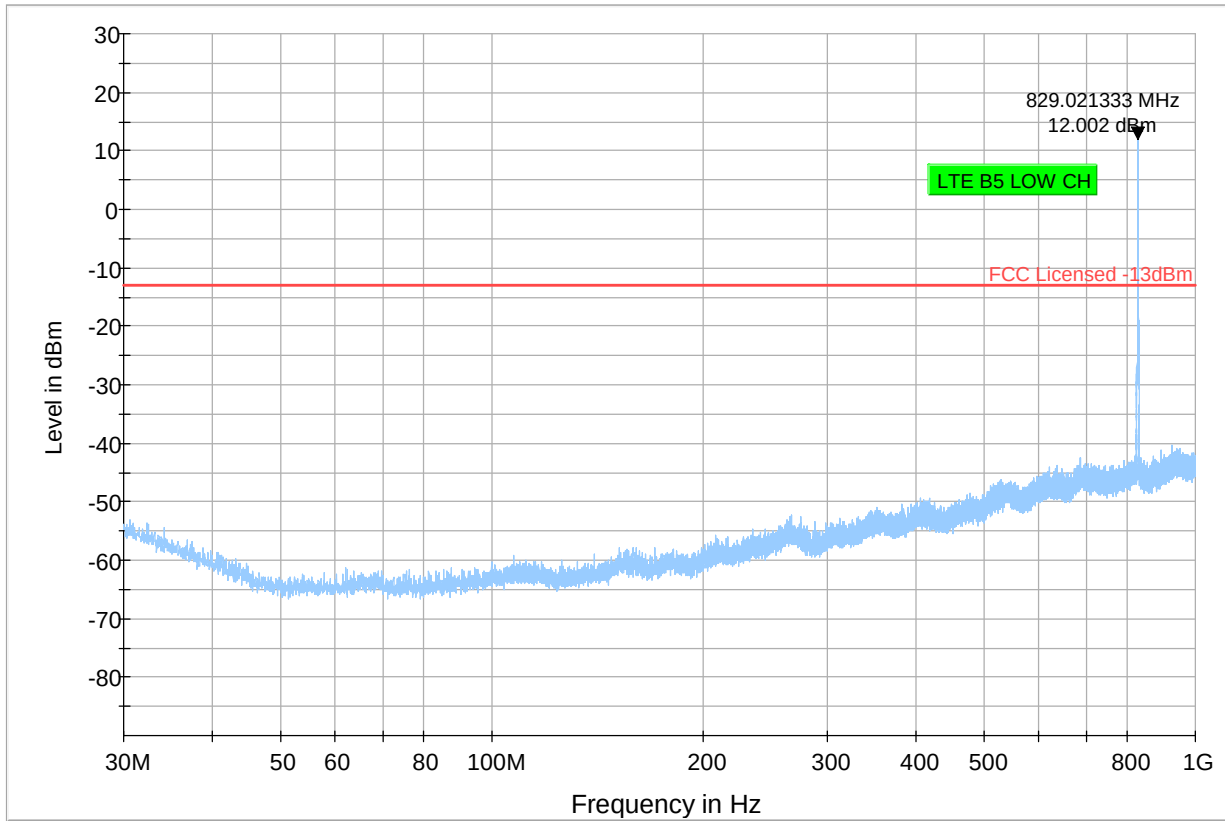
Plot # 22

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3132.50	---	-53.99	---	---	500.0	1000.0	107.0	H	91.0	-103.2
3132.50	-40.39	---	-13.00	27.39	500.0	1000.0	107.0	H	91.0	-103.2
3499.00	---	-55.04	---	---	500.0	1000.0	177.0	H	289.0	-102.2
3499.00	-44.32	---	-13.00	31.32	500.0	1000.0	177.0	H	289.0	-102.2
8748.50	---	-56.38	---	---	500.0	1000.0	151.0	V	341.0	-95.6
8748.50	-44.21	---	-13.00	31.21	500.0	1000.0	151.0	V	341.0	-95.6



Plot # 23

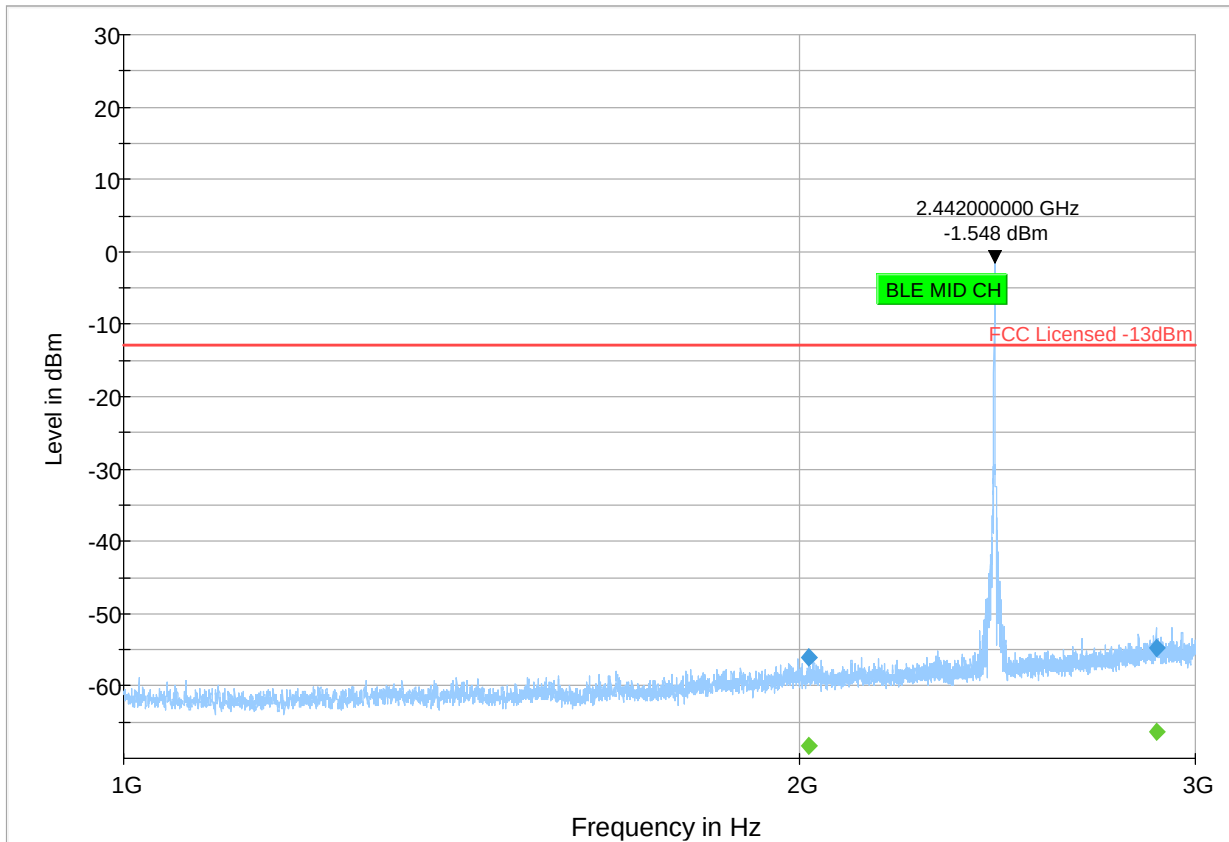
Frequency (MHz)	RMS (dBm)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result RMS ◆ Final_Result PK+

Plot # 24

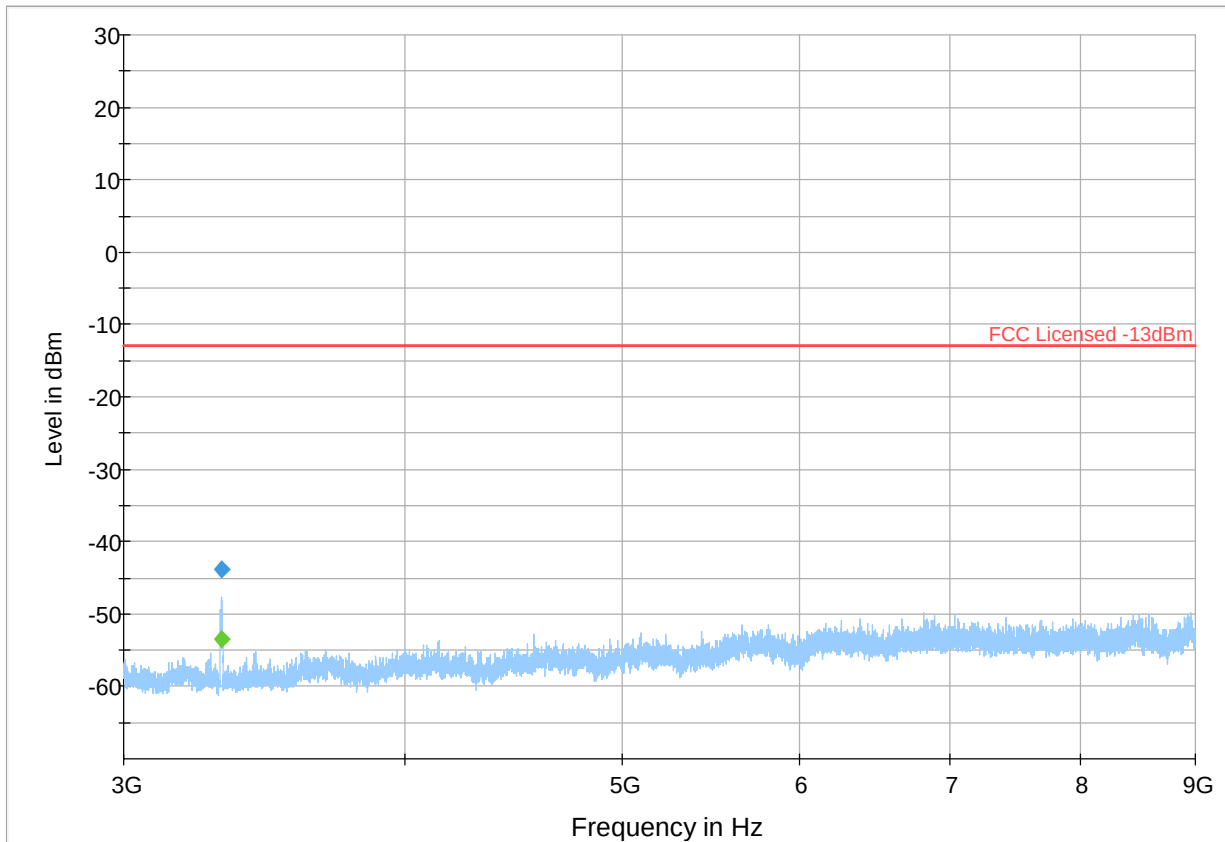
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2017.75	-55.96	---	-13.00	42.96	500.0	1000.0	116.0	V	319.0	-90.1
2017.75	---	-68.33	---	---	500.0	1000.0	116.0	V	319.0	-90.1
2880.75	-54.69	---	-13.00	41.69	500.0	1000.0	325.0	H	-45.0	-87.1
2880.75	---	-66.44	---	---	500.0	1000.0	325.0	H	-45.0	-87.1



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

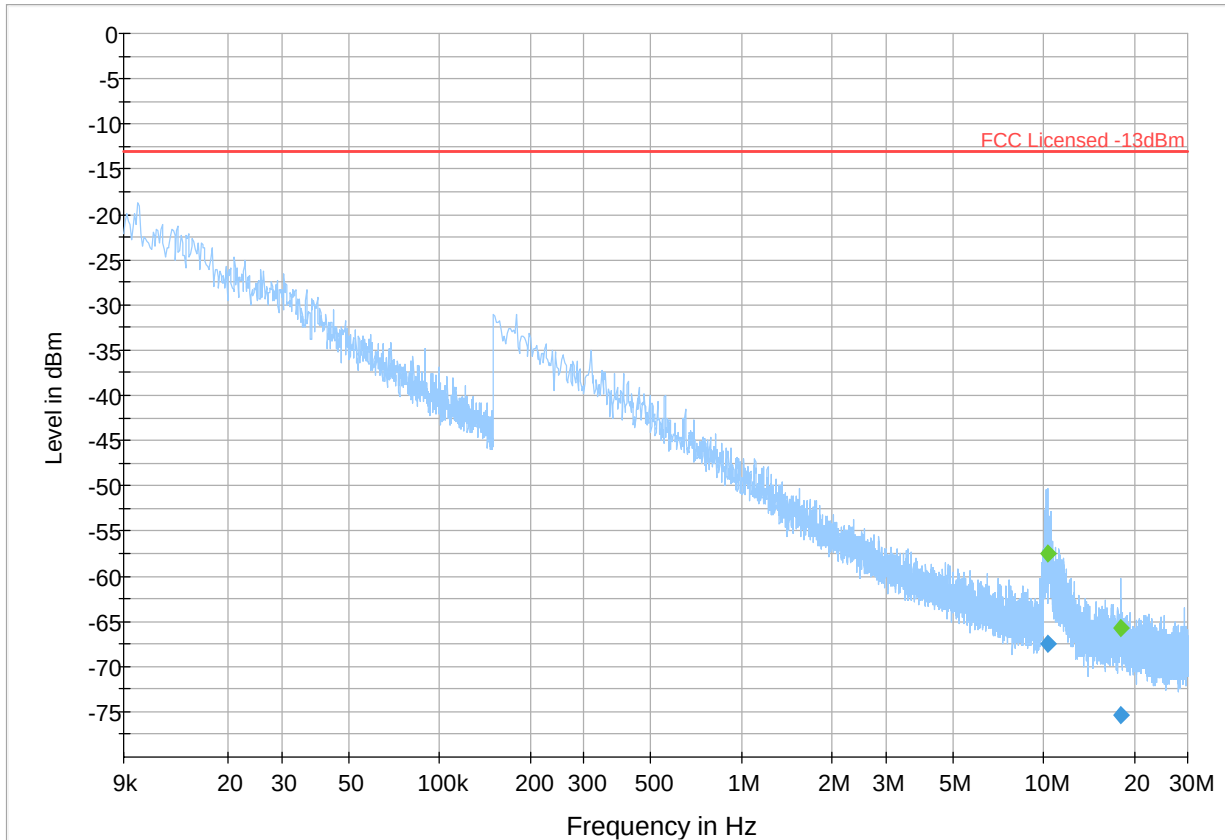
Plot # 25

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3316.50	---	-53.41	---	---	500.0	1000.0	107.0	H	332.0	-103.4
3316.50	-43.91	---	-13.00	30.91	500.0	1000.0	107.0	H	332.0	-103.4



Plot # 26

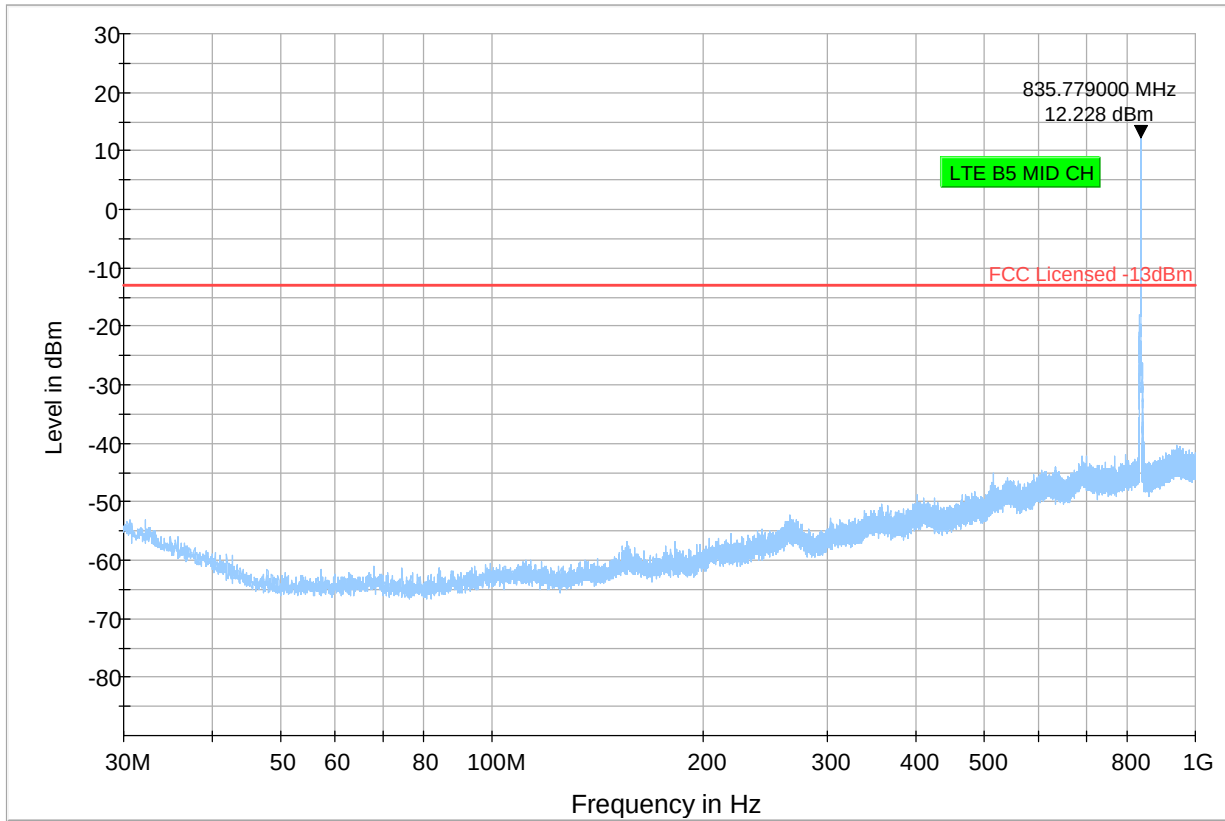
Frequency (MHz)	RMS (dBm)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
10.36	-67.39	---	-13.00	54.39	500.0	3.0	295.0	V	28.0	-77.51	
10.36	---	-57.52	---	---	500.0	3.0	295.0	V	28.0	-77.51	
18.08	-75.39	---	-13.00	62.39	500.0	3.0	150.0	V	-88.0	-78.10	
18.08	---	-65.74	---	---	500.0	3.0	150.0	V	-88.0	-78.10	



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result RMS Final_Result PK

Plot # 27

Frequency (MHz)	RMS (dBm)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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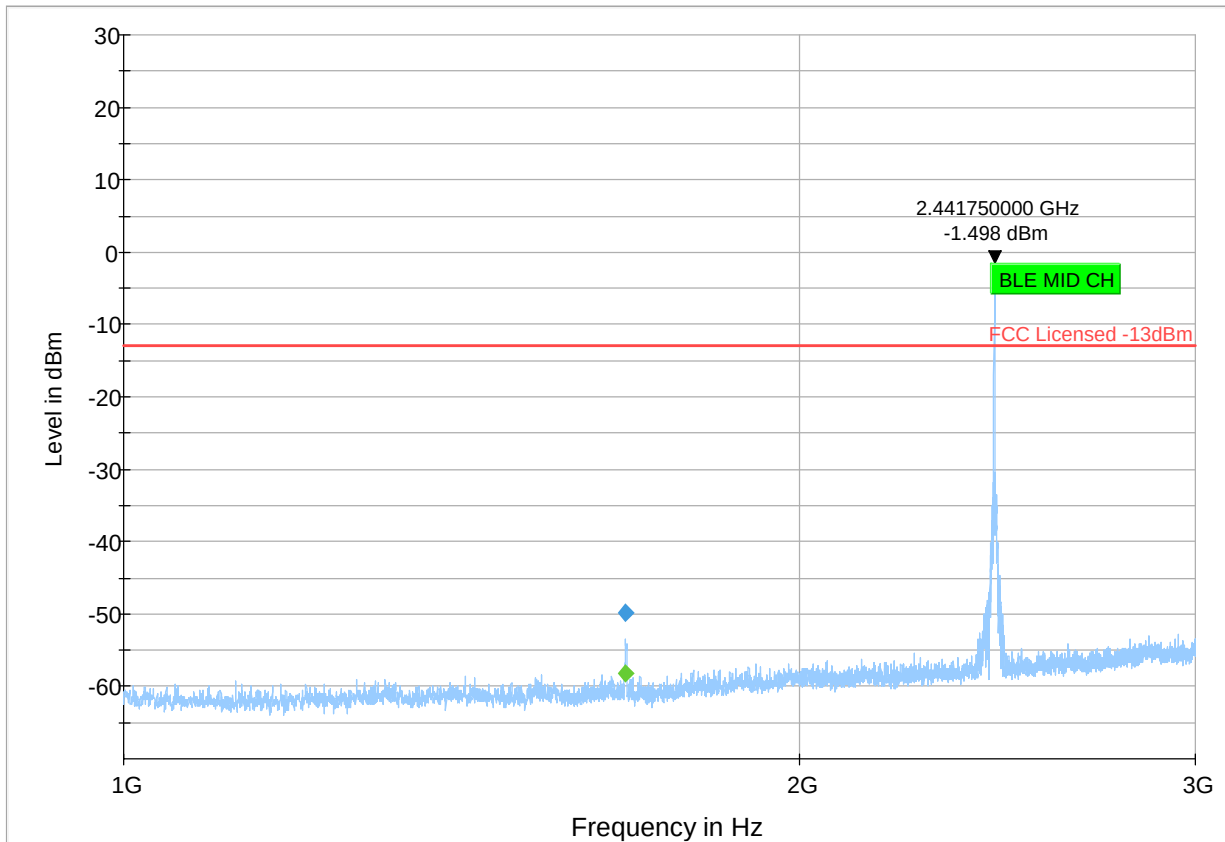
◆ Preview Result 1-PK+
◆ Final_Result RMS

* Critical_Freqs PK+
◆ Final_Result PK+

— FCC Licensed -13dBm

Plot # 28

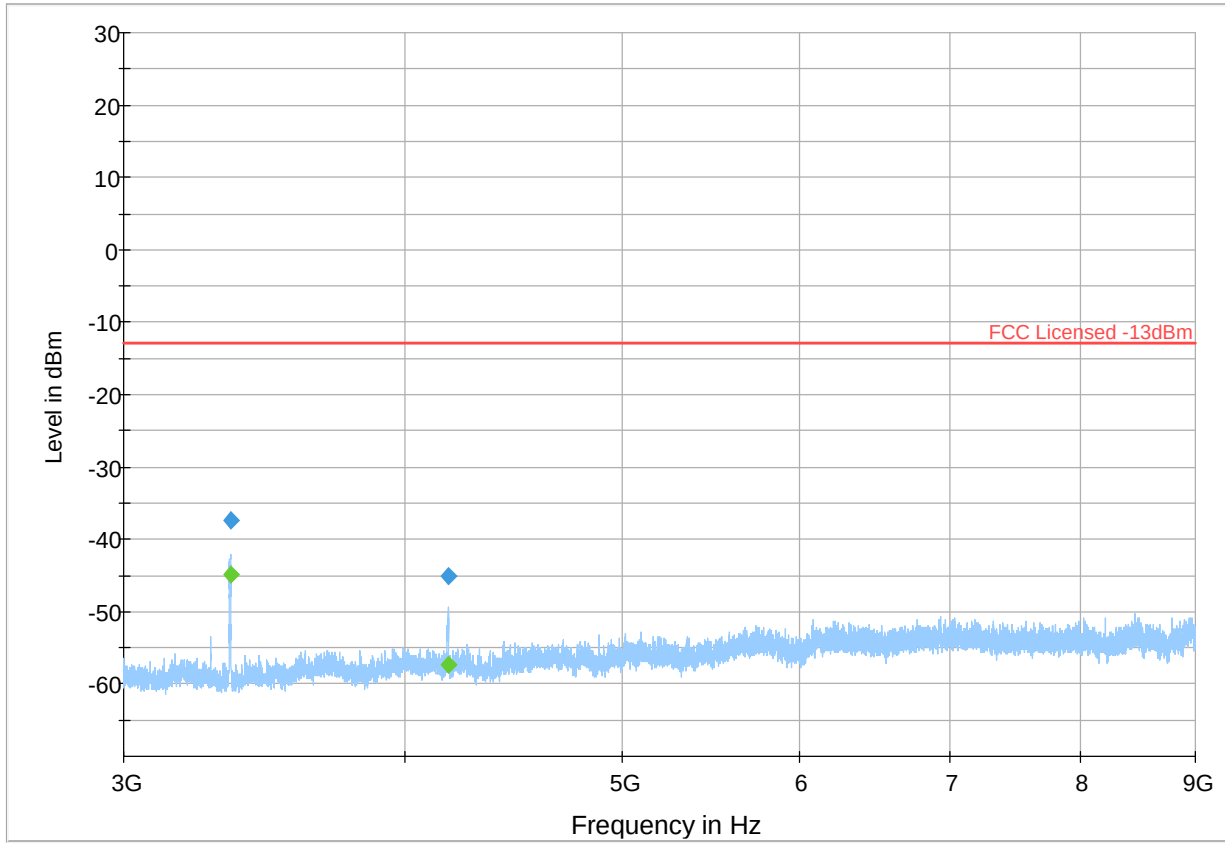
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1673.25	---	-58.21	---	---	500.0	1000.0	142.0	H	318.0	-91.7
1673.25	-49.93	---	-13.00	36.93	500.0	1000.0	142.0	H	318.0	-91.7



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM:

Plot # 29

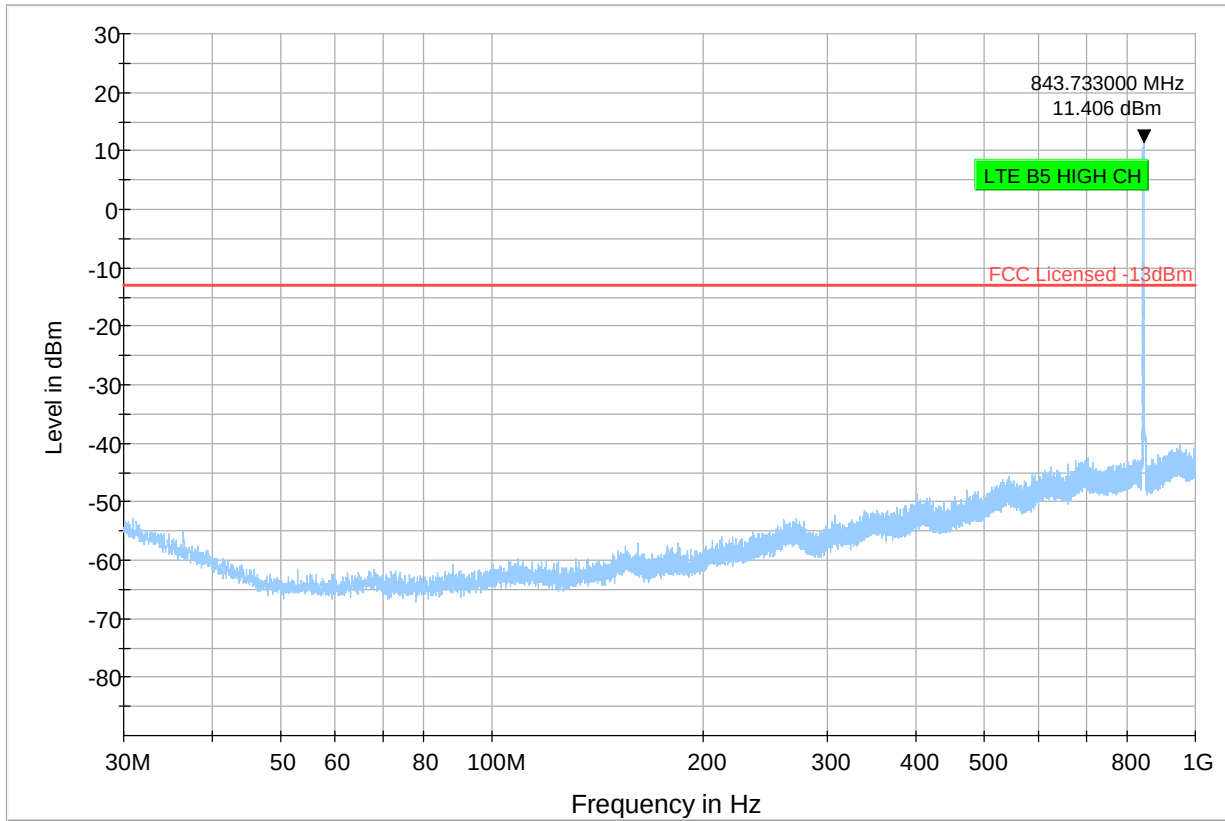
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3346.00	-37.48	---	-13.00	24.48	500.0	1000.0	245.0	H	334.0	-103.3
3346.00	---	-44.83	---	---	500.0	1000.0	245.0	H	334.0	-103.3
4185.25	-45.04	---	-13.00	32.04	500.0	1000.0	146.0	H	248.0	-99.2
4185.25	---	-57.29	---	---	500.0	1000.0	146.0	H	248.0	-99.2



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 30

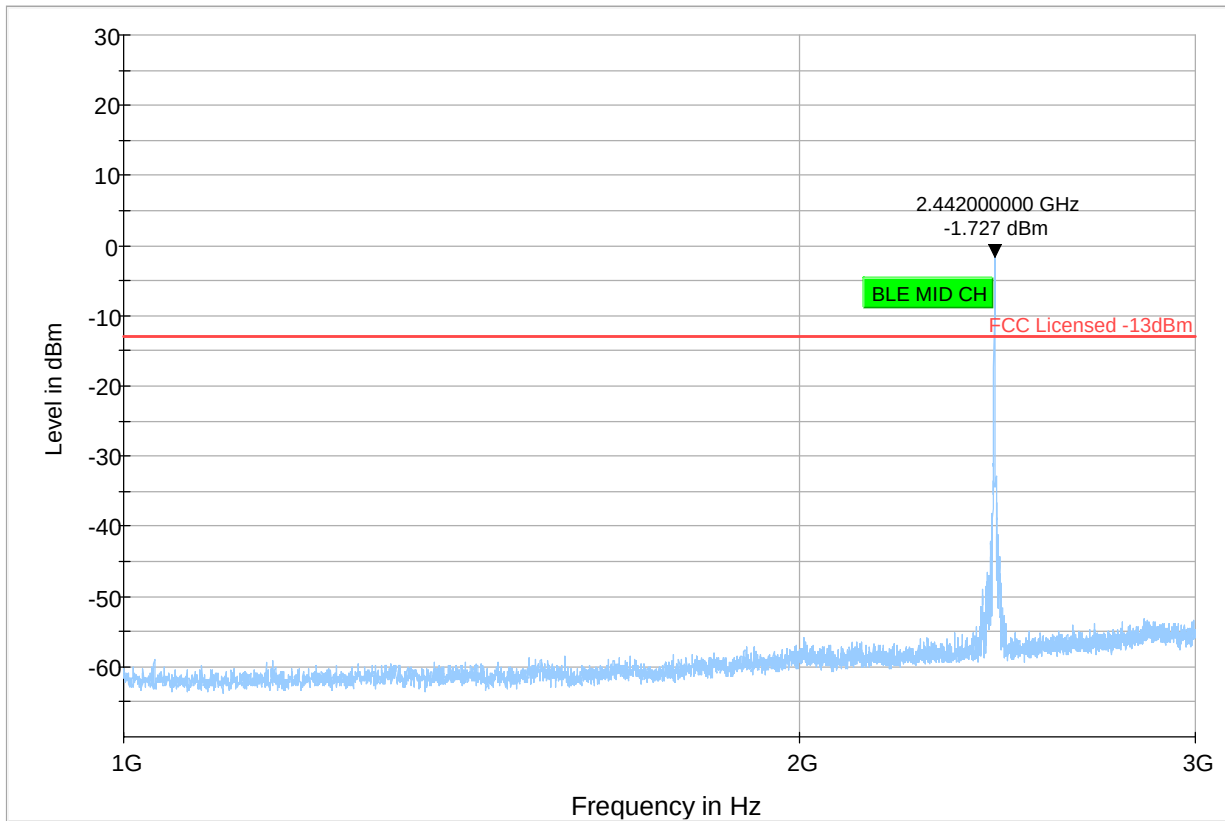
Frequency (MHz)	RMS (dBm)	MaxPeak (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result RMS ◆ Final_Result PK+

Plot # 31

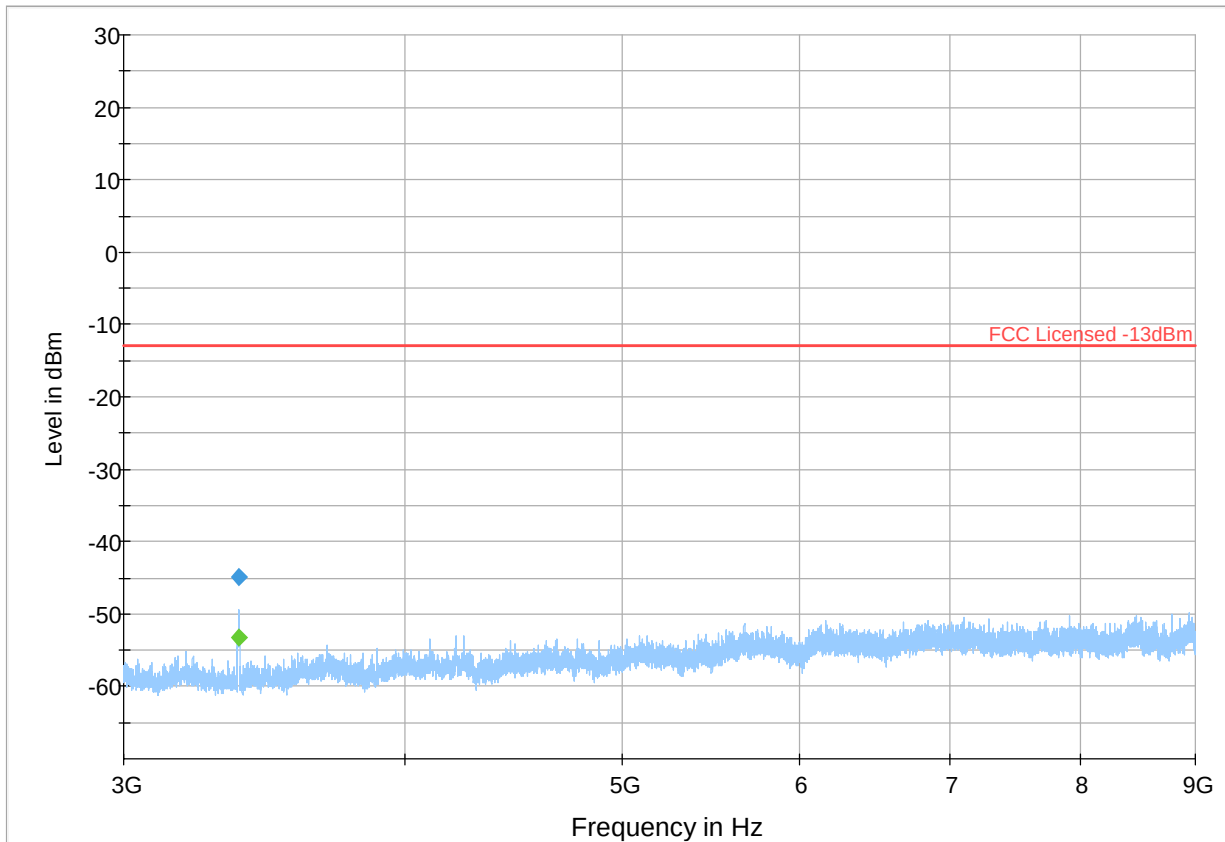
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

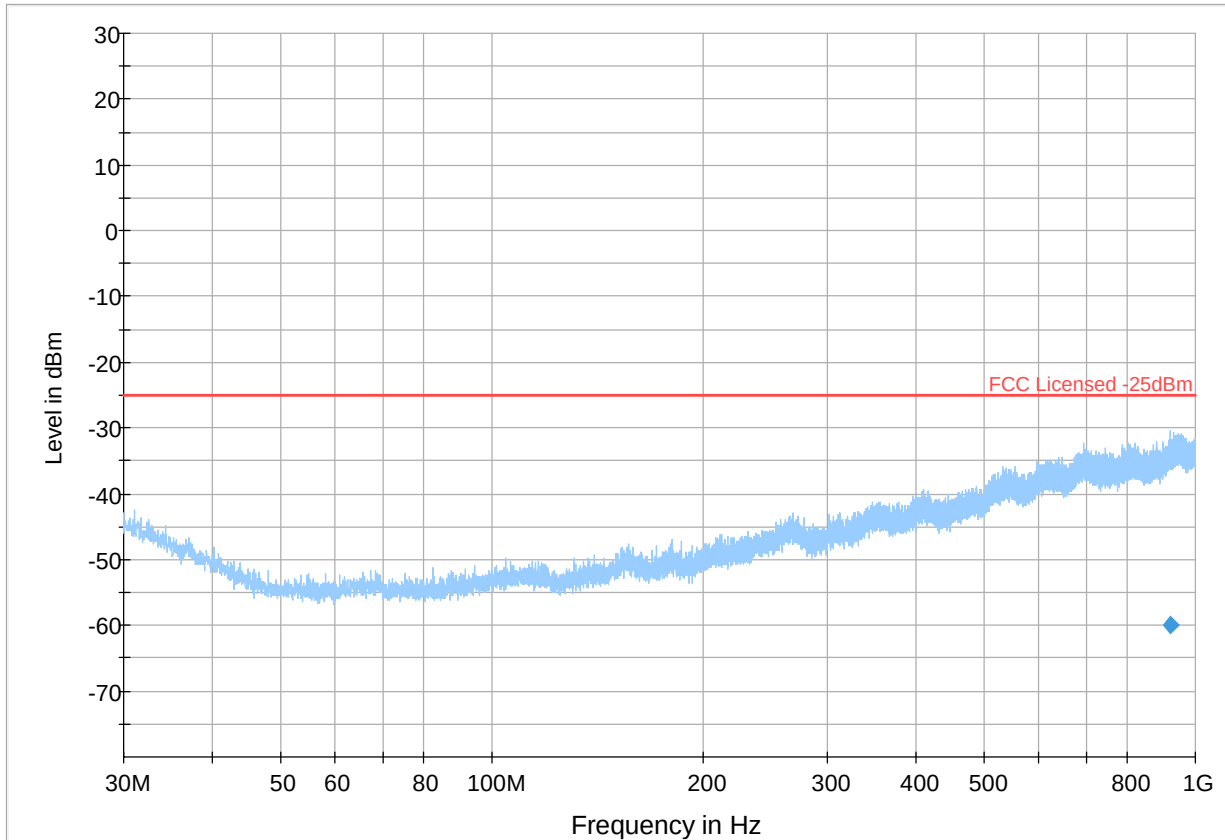
Plot # 32

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3375.75	---	-53.30	---	---	500.0	1000.0	268.0	H	329.0	-103.1
3375.75	-44.83	---	-13.00	31.83	500.0	1000.0	268.0	H	329.0	-103.1



Plot # 33

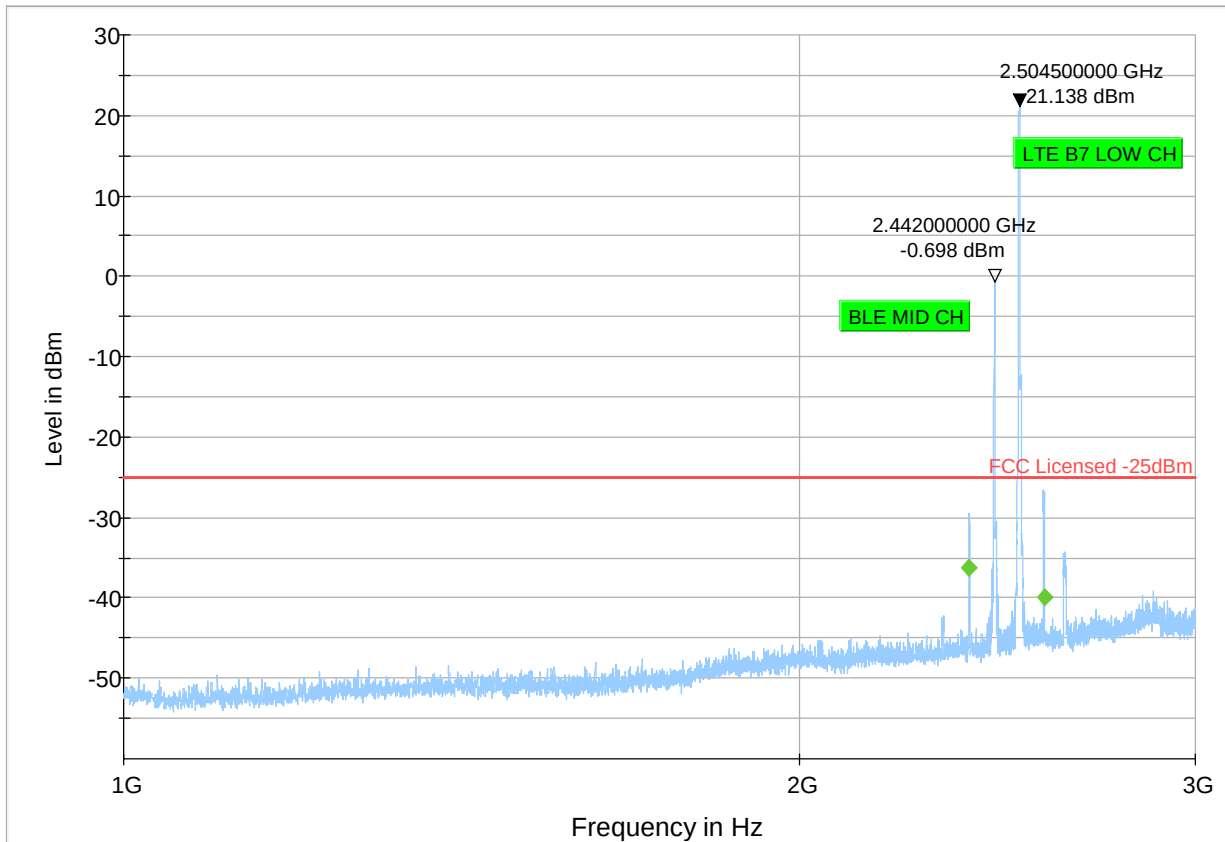
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
924.18	-59.98	-25.00	34.98	500.0	100.0	225.0	H	33.0	-61.94	



— Preview Result 1-PK+ — FCC Licensed -25dBm ◆ Final_Result RMS

Plot # 34

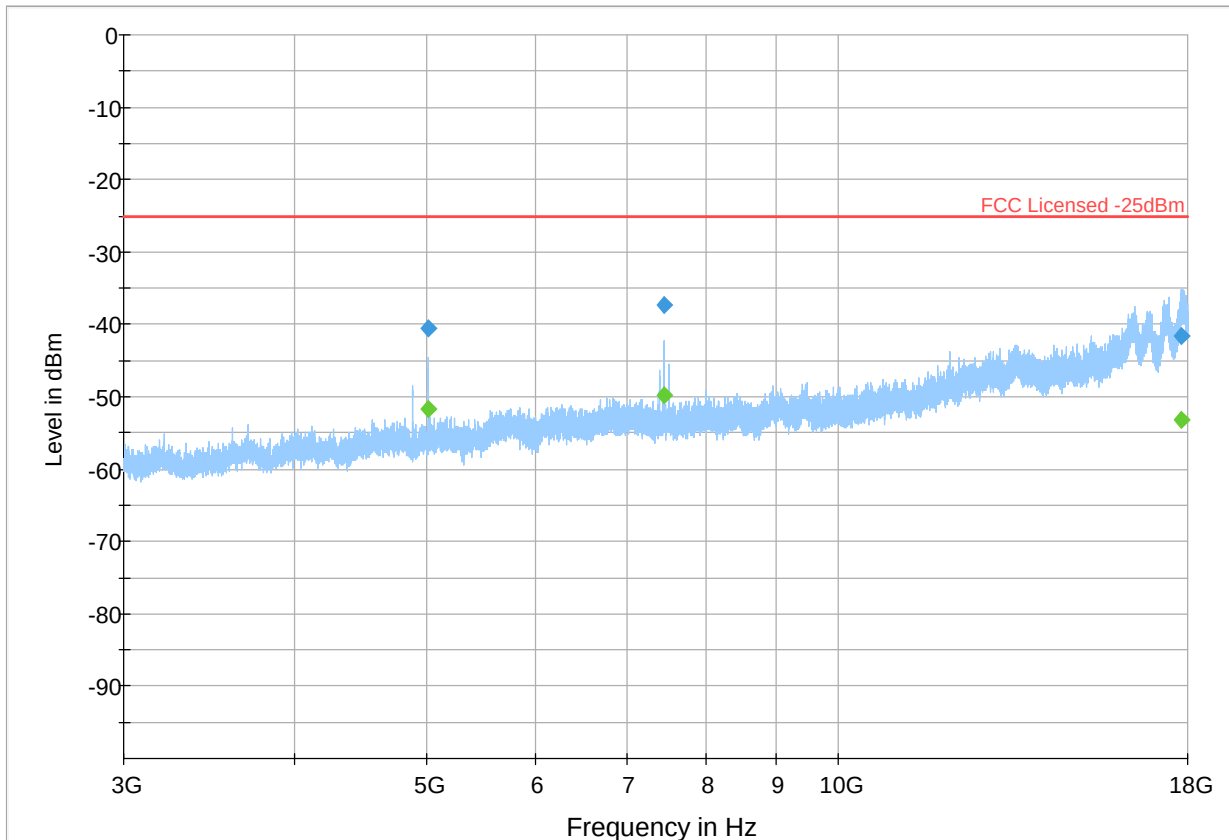
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2378.50	---	-36.26	---	---	500.0	1000.0	134.0	H	357.0	-62.5
2570.00	---	-39.90	---	---	500.0	1000.0	133.0	H	127.0	-61.7



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RM

Plot # 35

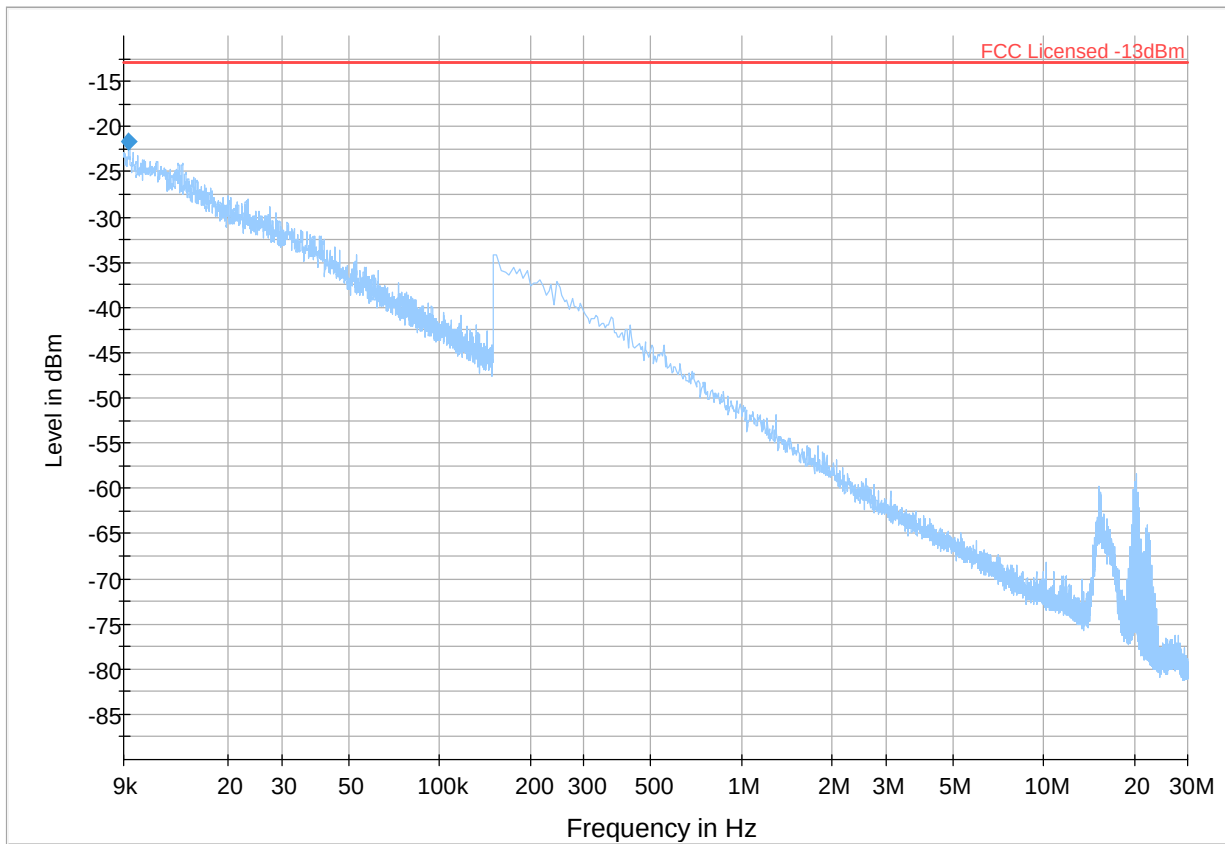
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
5010.00	---	-51.74	---	---	500.0	1000.0	125.0	H	107.0	-98.4
5010.00	-40.53	---	-25.00	15.53	500.0	1000.0	125.0	H	107.0	-98.4
7451.50	---	-49.83	---	---	500.0	1000.0	169.0	H	246.0	-95.0
7451.50	-37.34	---	-25.00	12.34	500.0	1000.0	169.0	H	246.0	-95.0
17791.25	---	-53.22	---	---	500.0	1000.0	246.0	V	354.0	-77.6
17791.25	-41.63	---	-25.00	16.63	500.0	1000.0	246.0	V	354.0	-77.6



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RMS

Plot # 36

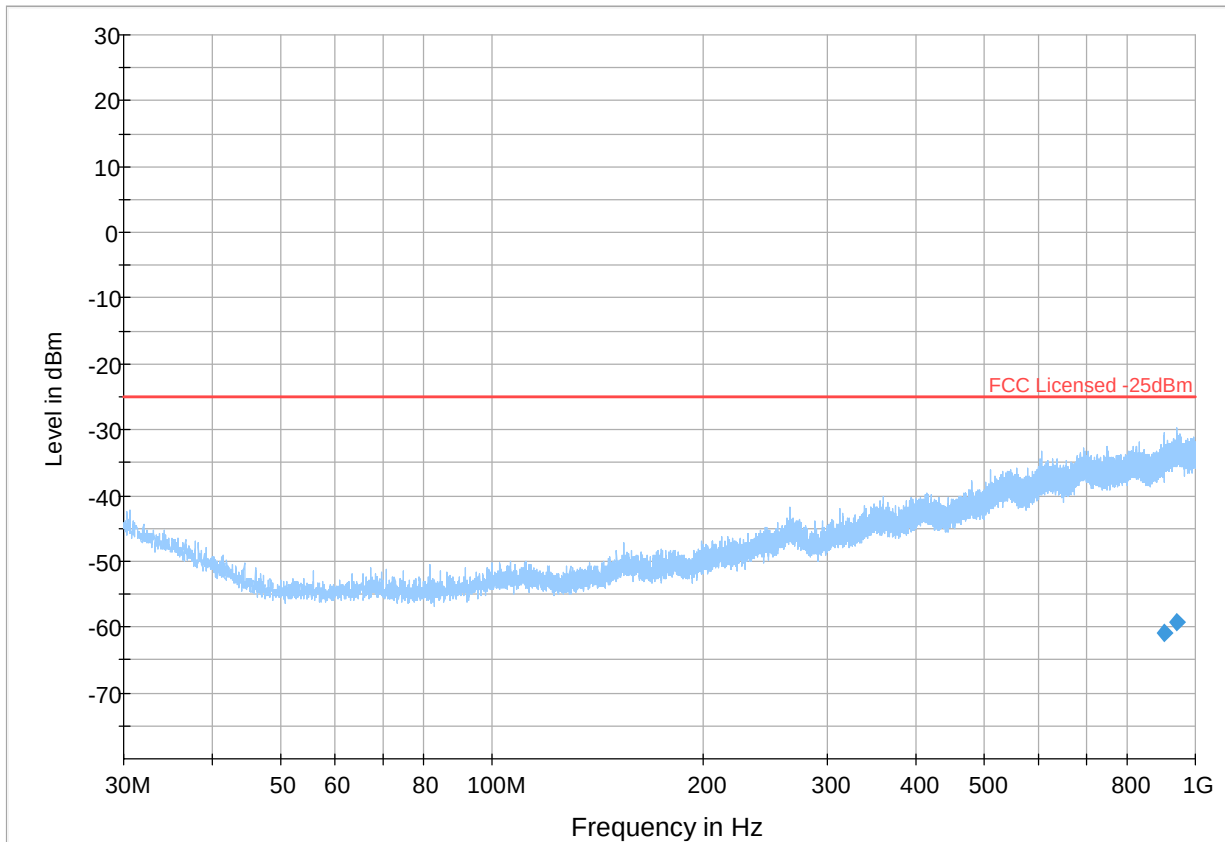
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
0.009	-21.74	-13.00	8.74	500.0	1.000	266.0	H	81.0	-64.7	



— Preview Result 1-PK+ — FCC Licensed -13dBm ◆ Final_Result RMS

Plot # 37

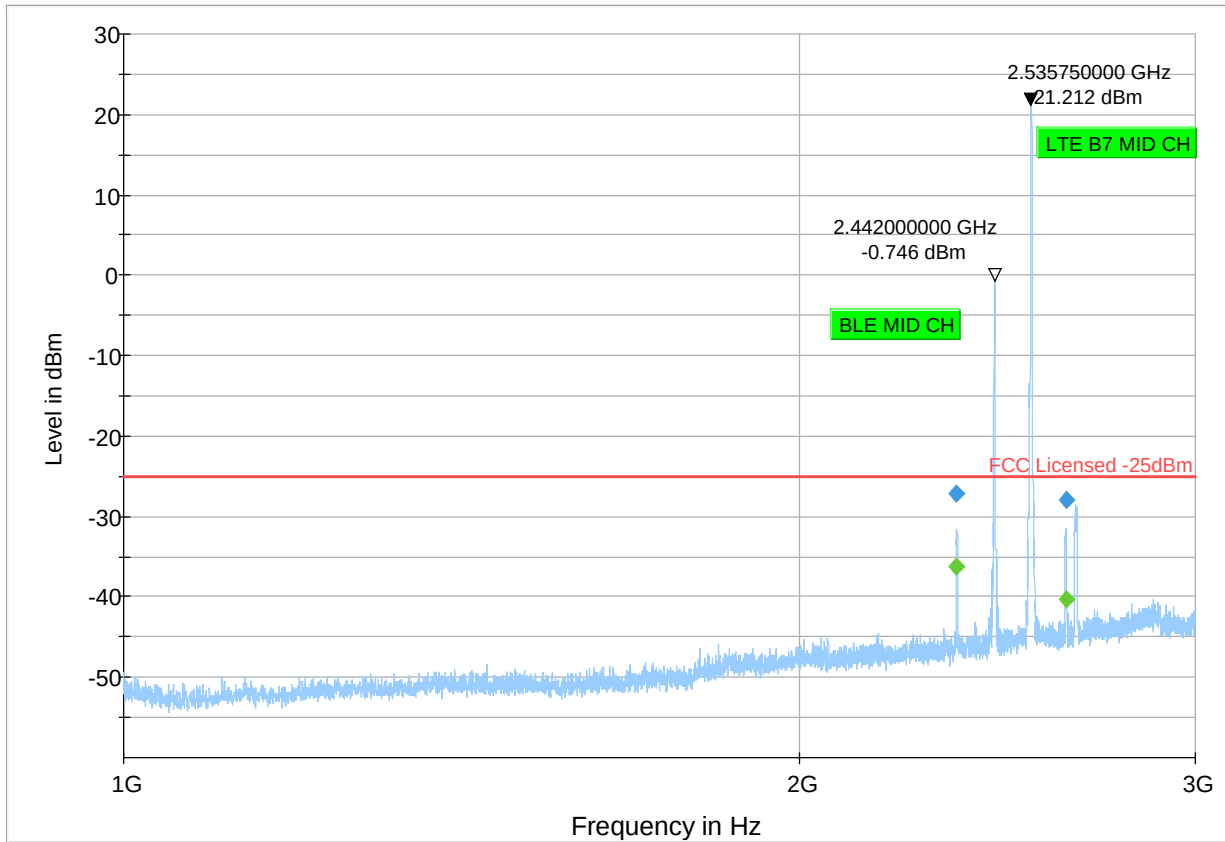
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
904.88	-60.92	-25.00	35.92	500.0	100.0	184.0	H	267.0	-62.79	
942.83	-59.27	-25.00	34.27	500.0	100.0	285.0	H	51.0	-61.43	



— Preview Result 1-PK+ — FCC Licensed -25dBm ◆ Final_Result RMS

Plot # 38

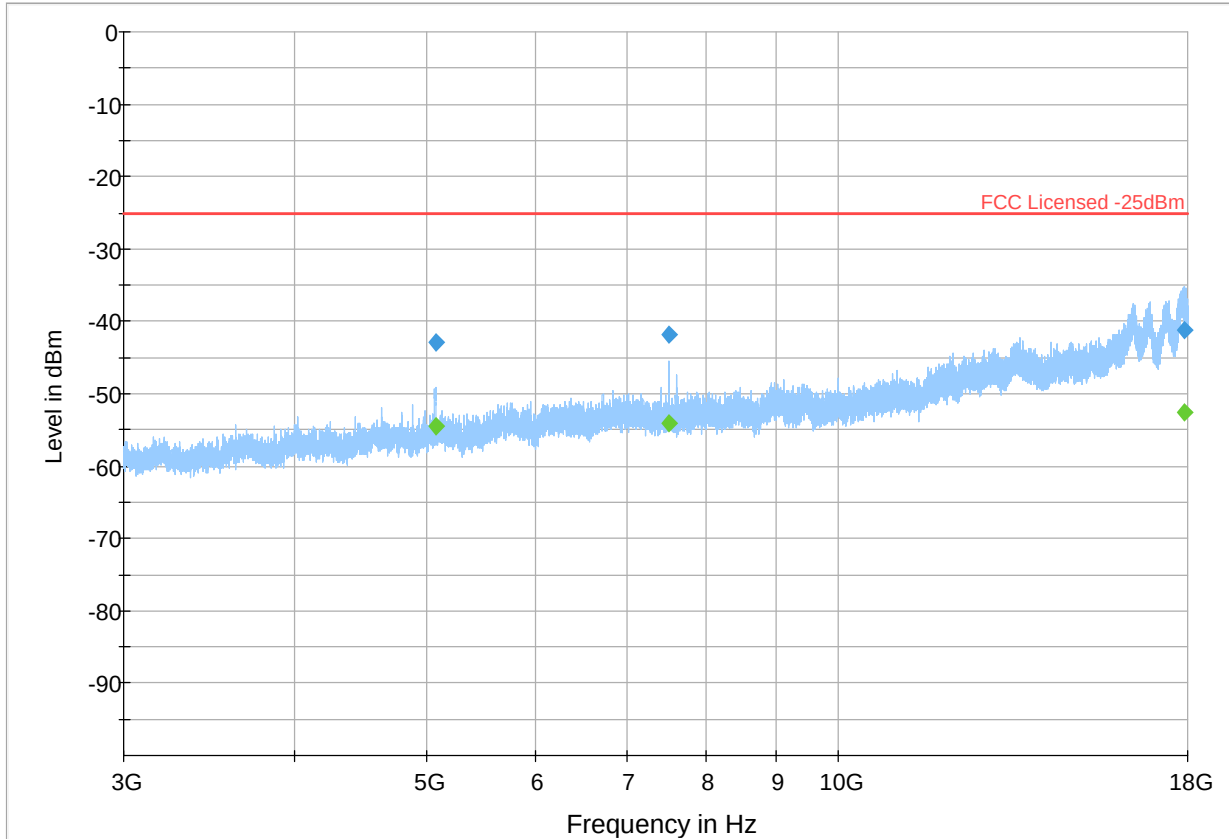
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2349.50	---	-36.20	---	---	500.0	1000.0	107.0	H	99.0	-62.6
2349.50	-27.24	---	-25.00	2.24	500.0	1000.0	107.0	H	99.0	-62.6
2626.75	---	-40.29	---	---	500.0	1000.0	303.0	H	261.0	-61.7
2626.75	-28.01	---	-25.00	3.01	500.0	1000.0	303.0	H	261.0	-61.7



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RM

Plot # 39

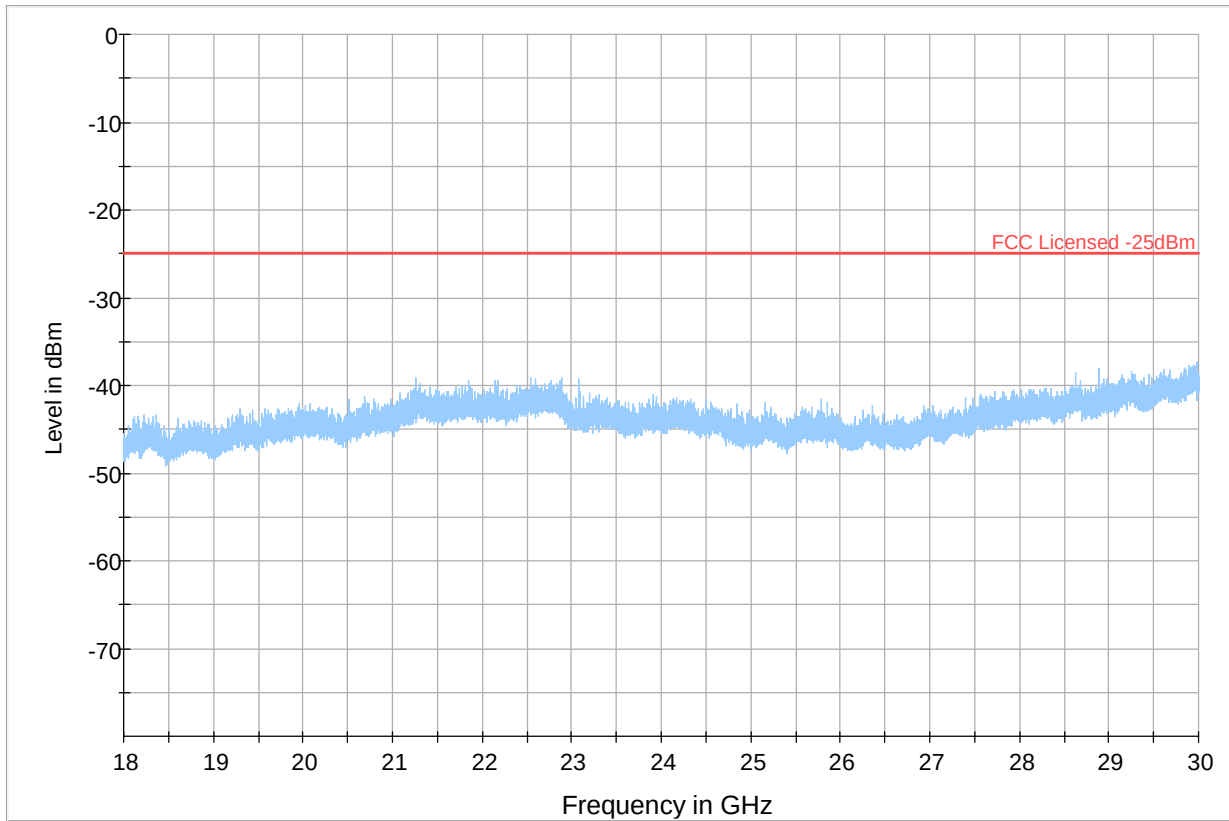
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
5068.75	-42.95	---	-25.00	17.95	500.0	1000.0	143.0	V	113.0	-97.8
5068.75	---	-54.59	---	---	500.0	1000.0	143.0	V	113.0	-97.8
7512.25	---	-54.14	---	---	500.0	1000.0	126.0	H	252.0	-95.0
7512.25	-41.79	---	-25.00	16.79	500.0	1000.0	126.0	H	252.0	-95.0
17883.75	-41.13	---	-25.00	16.13	500.0	1000.0	218.0	H	53.0	-77.0
17883.75	---	-52.48	---	---	500.0	1000.0	218.0	H	53.0	-77.0



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RMS

Plot # 40

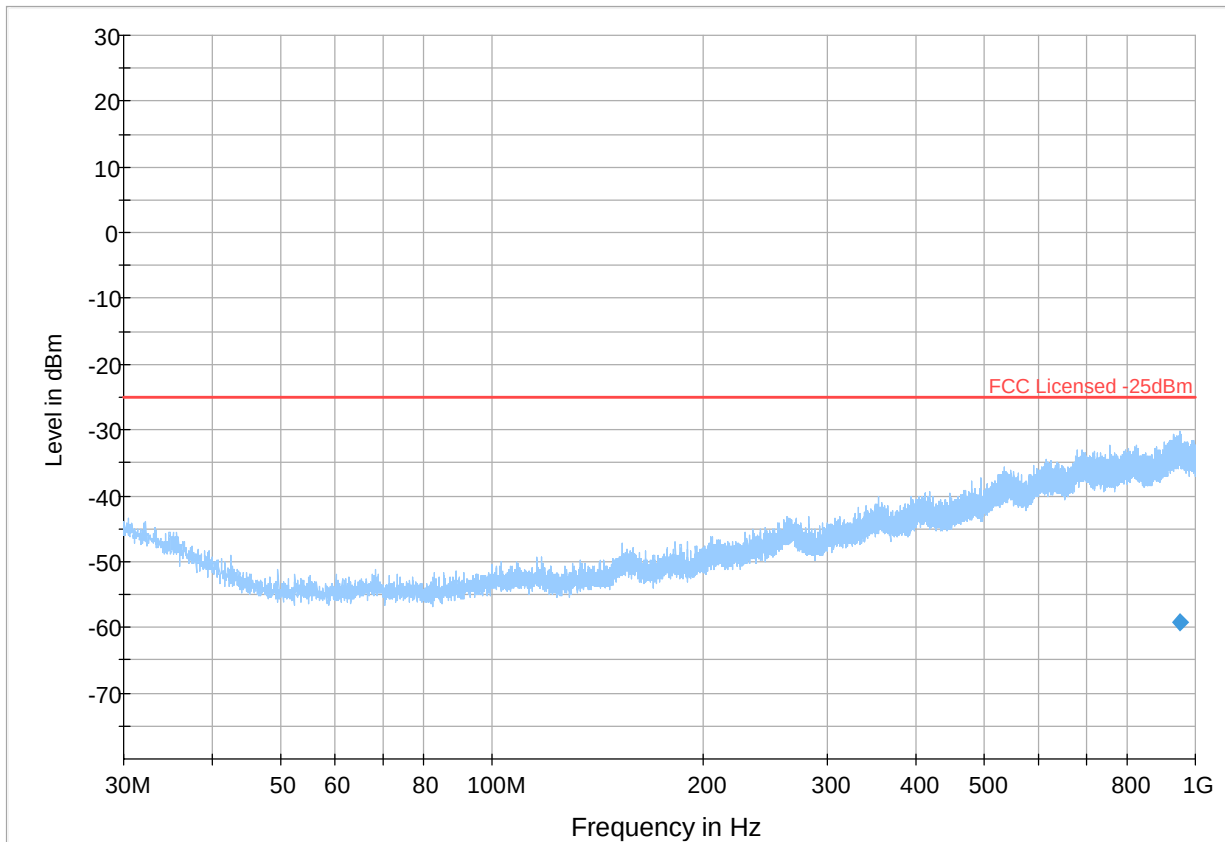
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -25dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 41

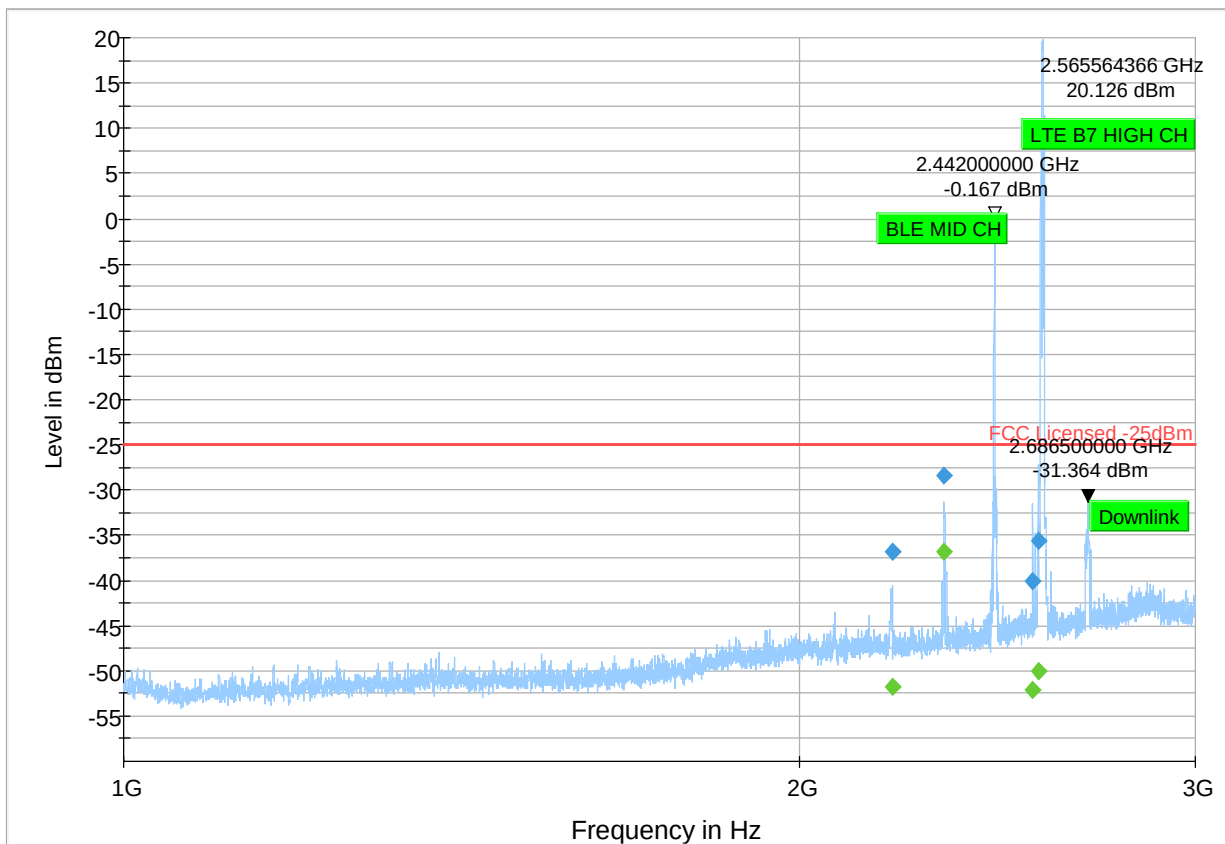
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
948.46	-59.32	-25.00	34.32	500.0	100.0	284.0	H	299.0	-61.52	



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result RMS

Plot # 42

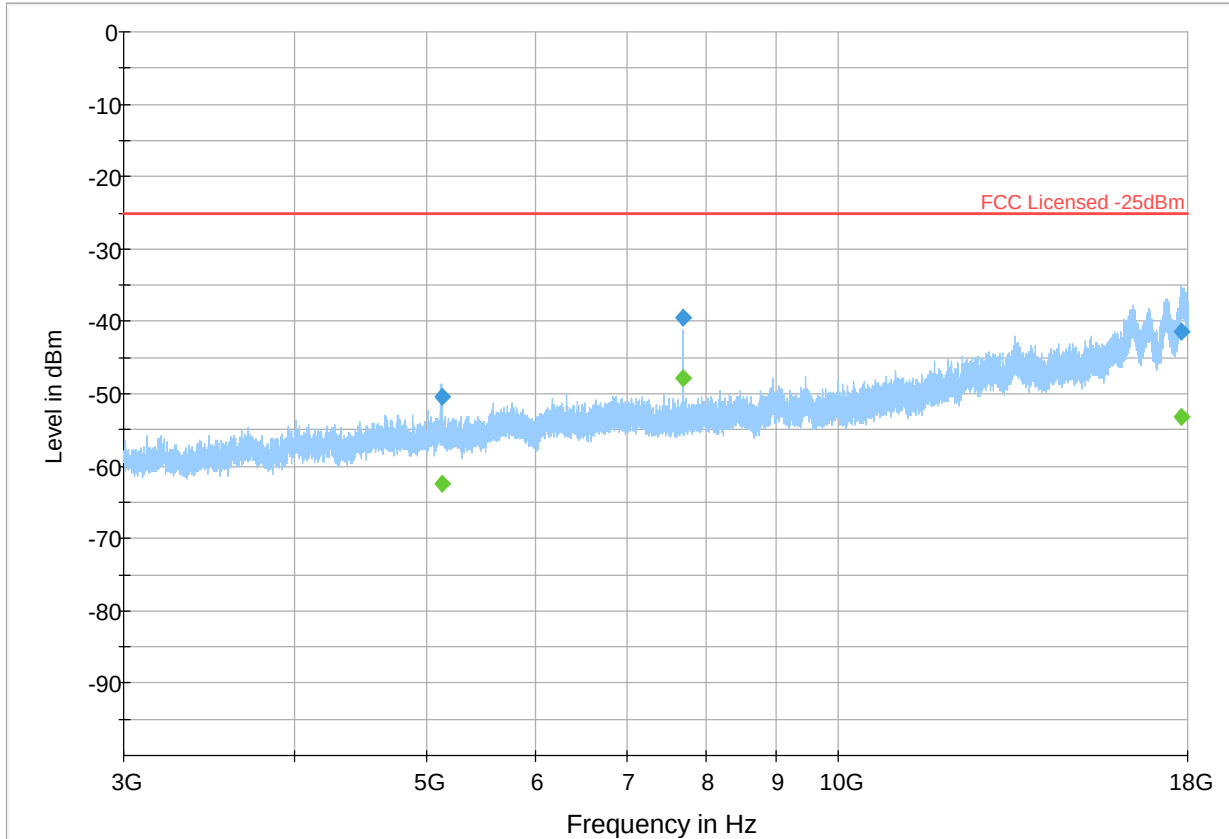
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2198.25	-36.84	---	-25.00	11.84	500.0	1000.0	100.0	H	95.0	-63.2
2198.25	---	-51.84	---	---	500.0	1000.0	100.0	H	95.0	-63.2
2318.75	---	-36.79	---	---	500.0	1000.0	107.0	H	97.0	-62.7
2318.75	-28.37	---	-25.00	3.37	500.0	1000.0	107.0	H	97.0	-62.7
2539.75	-40.04	---	-25.00	15.04	500.0	1000.0	133.0	H	60.0	-61.7
2539.75	---	-52.12	---	---	500.0	1000.0	133.0	H	60.0	-61.7
2553.00	---	-50.04	---	---	500.0	1000.0	107.0	V	354.0	-61.7
2553.00	-35.59	---	-25.00	10.59	500.0	1000.0	107.0	V	354.0	-61.7



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RM

Plot # 43

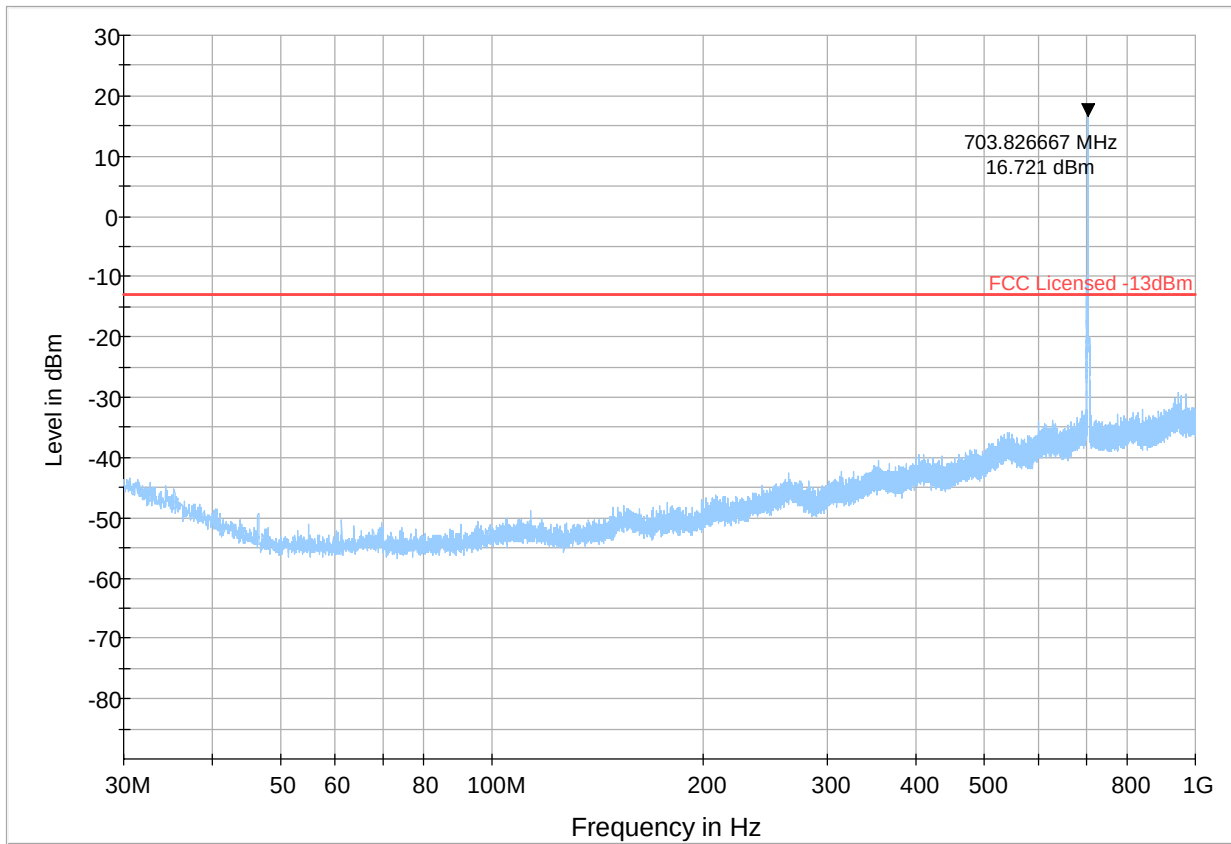
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
5122.00	-50.50	---	-25.00	25.50	500.0	1000.0	318.0	H	220.0	-97.8
5122.00	---	-62.39	---	---	500.0	1000.0	318.0	H	220.0	-97.8
7694.75	-39.47	---	-25.00	14.47	500.0	1000.0	100.0	V	117.0	-94.9
7694.75	---	-47.77	---	---	500.0	1000.0	100.0	V	117.0	-94.9
17803.00	---	-53.20	---	---	500.0	1000.0	303.0	H	192.0	-77.4
17803.00	-41.45	---	-25.00	16.45	500.0	1000.0	303.0	H	192.0	-77.4



Preview Result 1-PK+ FCC Licensed -25dBm Final_Result PK+ Final_Result RMS

Plot # 44

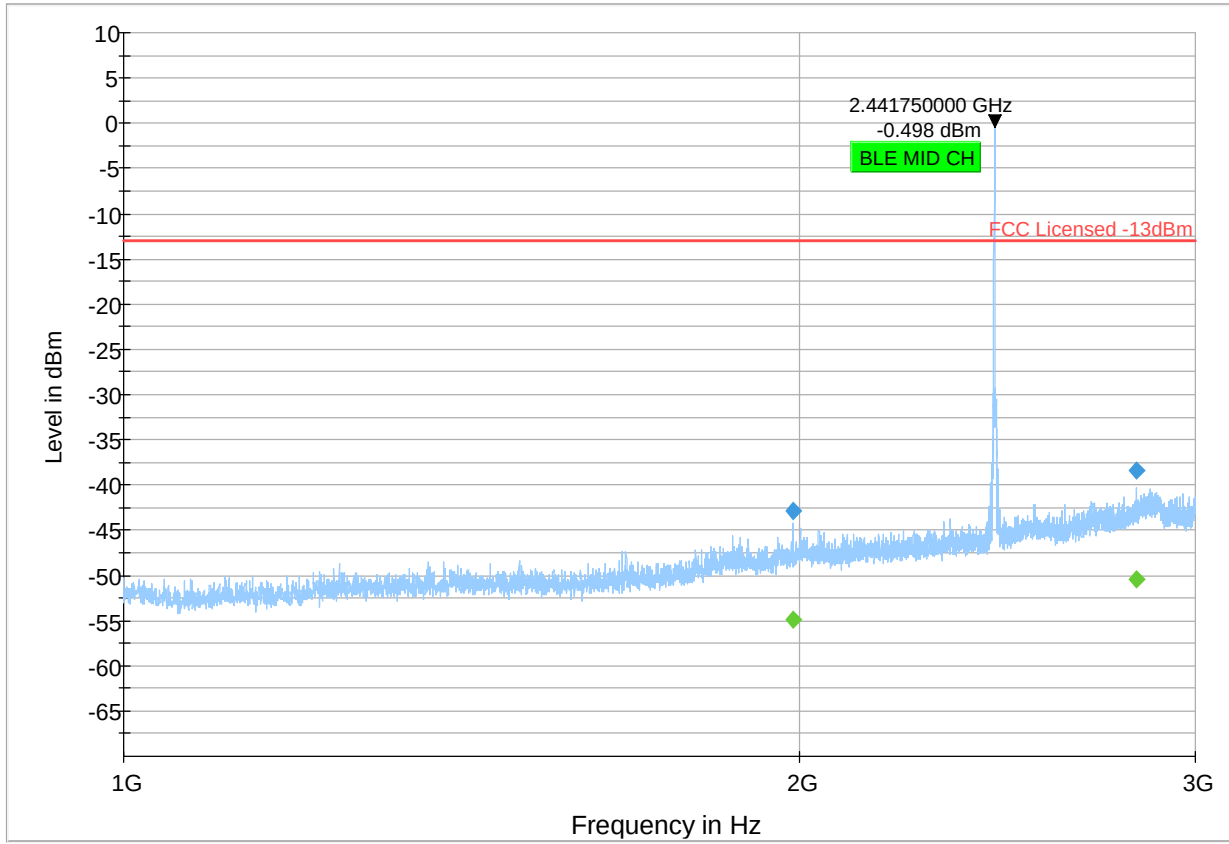
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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— Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm ◆ Final_Result RM

Plot # 45

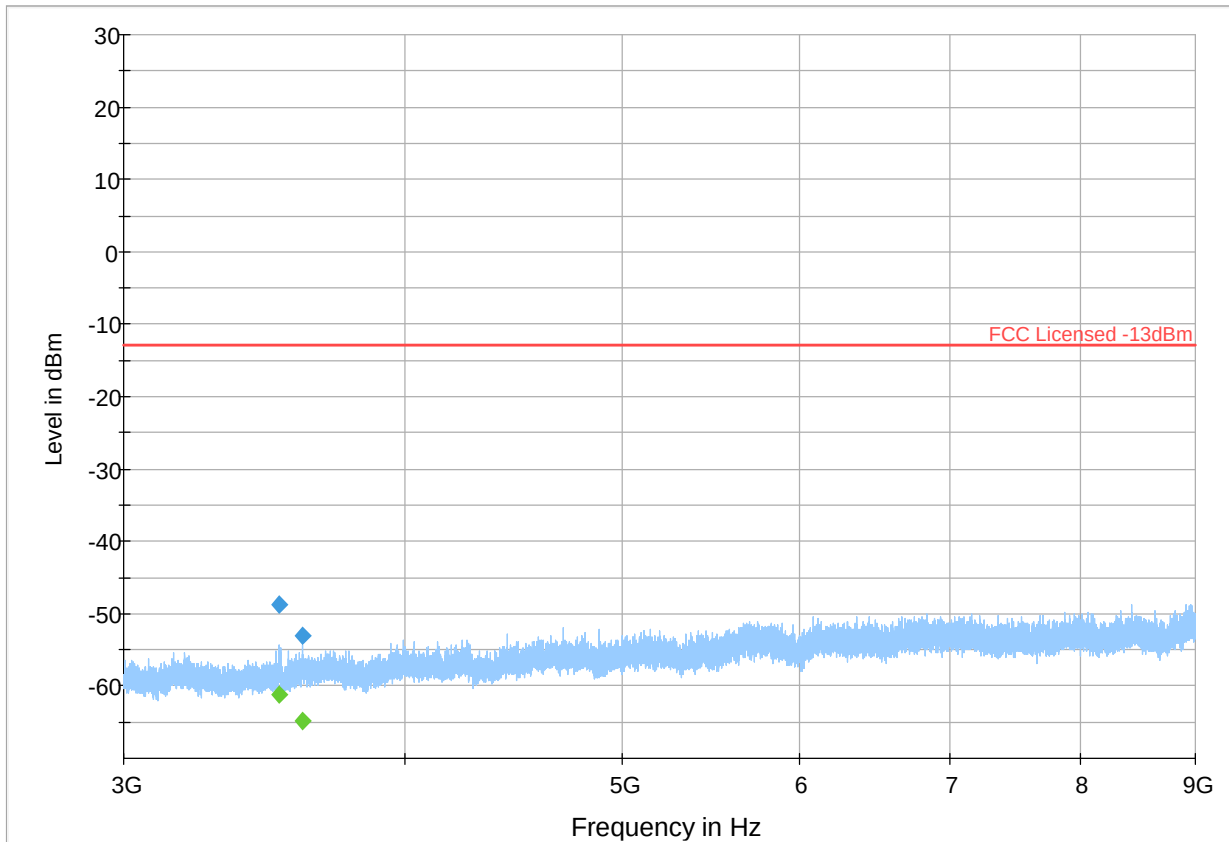
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1986.75	---	-54.84	---	---	500.0	1000.0	292.0	H	287.0	-63.8
1986.75	-42.95	---	-13.00	29.95	500.0	1000.0	292.0	H	287.0	-63.8
2823.50	---	-50.49	---	---	500.0	1000.0	303.0	V	197.0	-60.8
2823.50	-38.34	---	-13.00	25.34	500.0	1000.0	303.0	V	197.0	-60.8



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RMS

Plot # 46

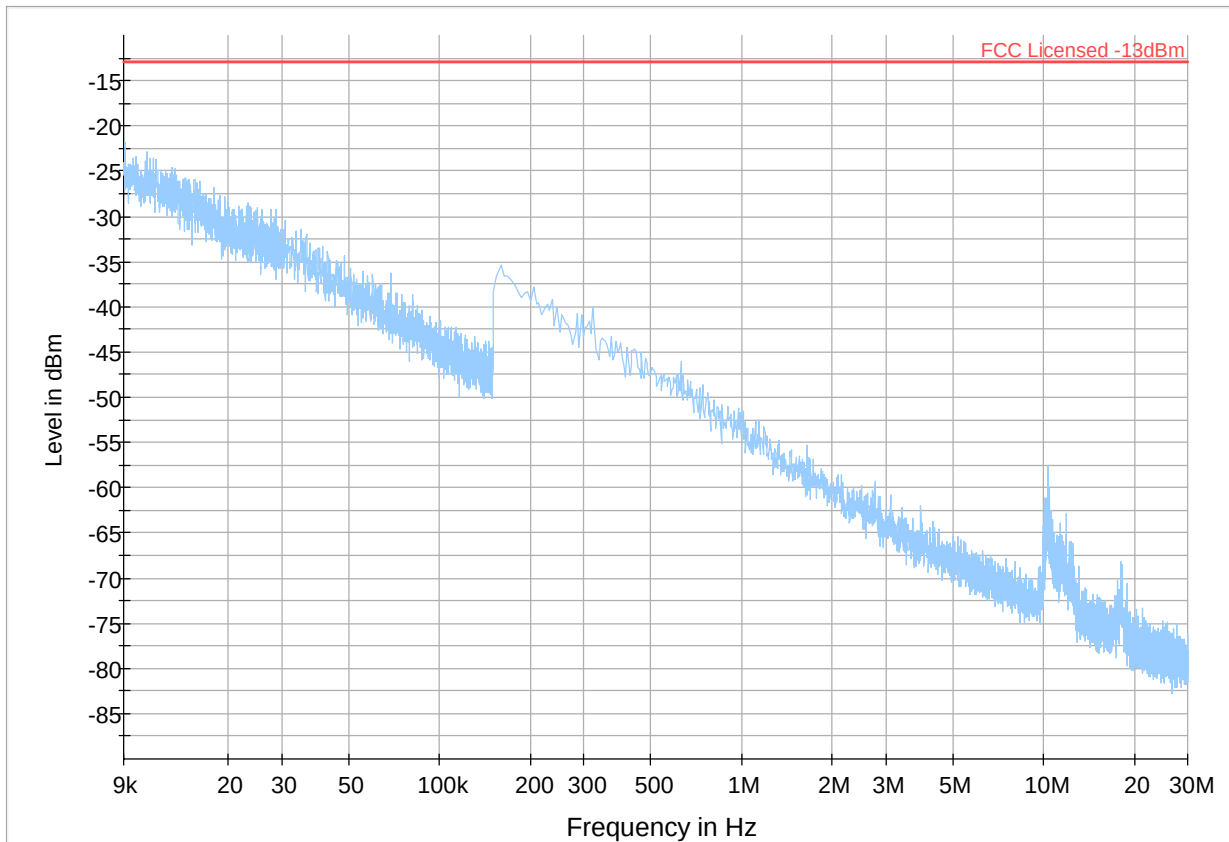
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3517.00	---	-61.20	---	---	500.0	1000.0	208.0	V	325.0	-102.2
3517.00	-48.83	---	-13.00	35.83	500.0	1000.0	208.0	V	325.0	-102.2
3600.70	---	-64.80	---	---	500.0	1000.0	319.0	H	209.0	-101.3
3600.70	-52.98	---	-13.00	39.98	500.0	1000.0	319.0	H	209.0	-101.3



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

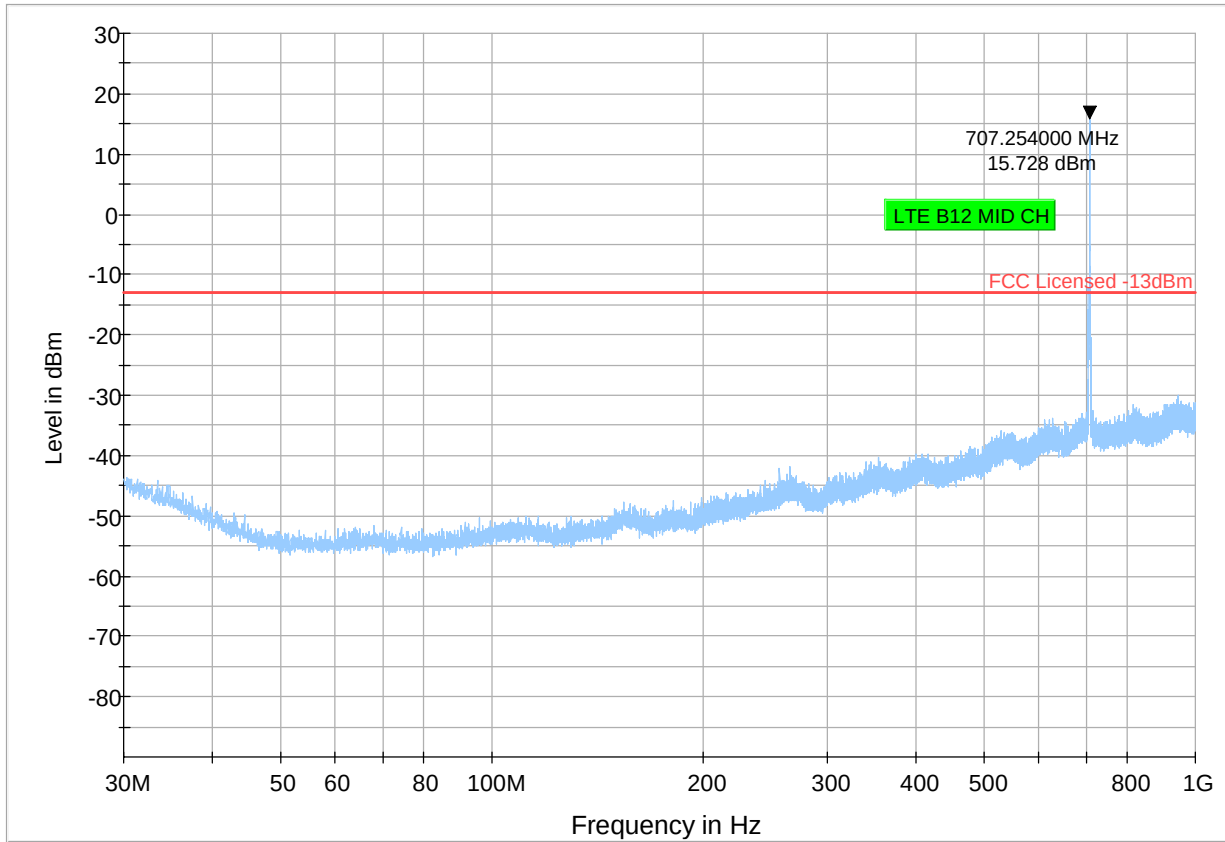
Plot # 47

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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Plot # 48

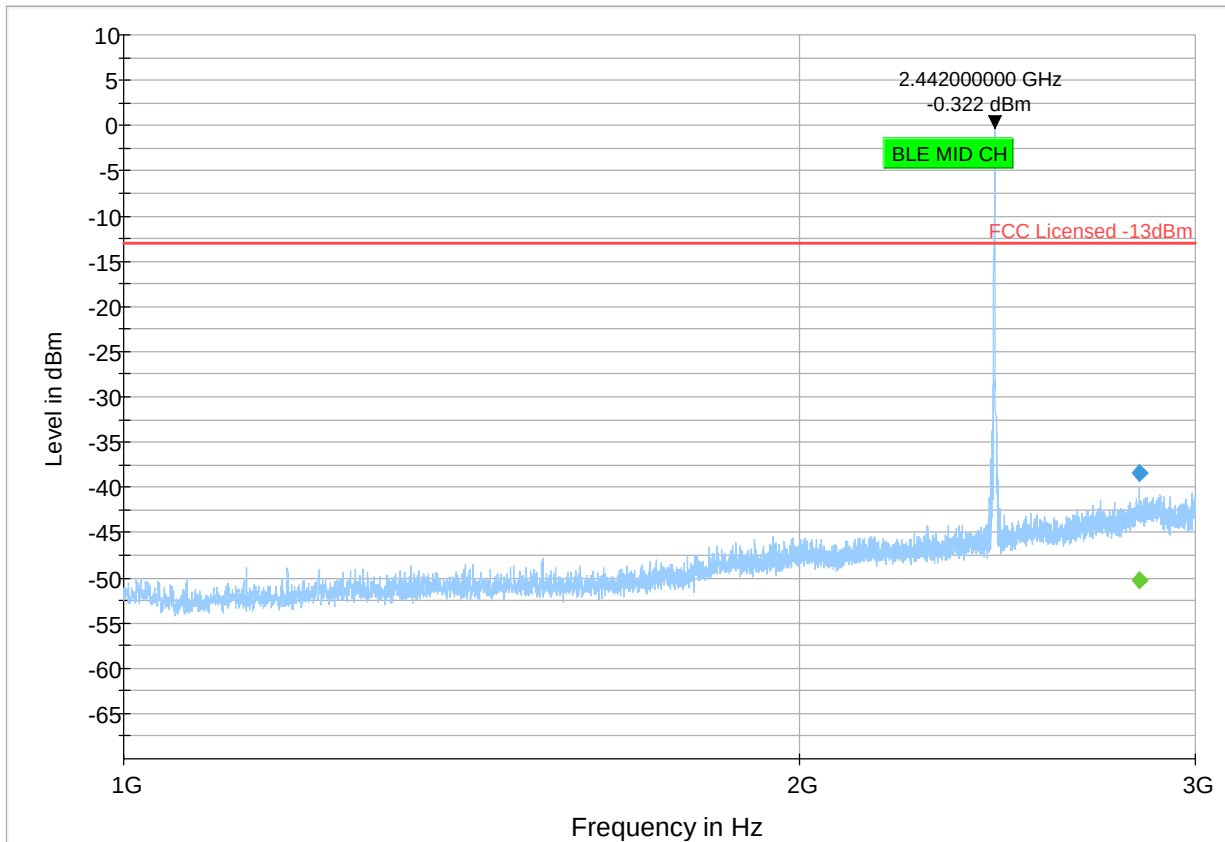
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm Final_Result RM

Plot # 49

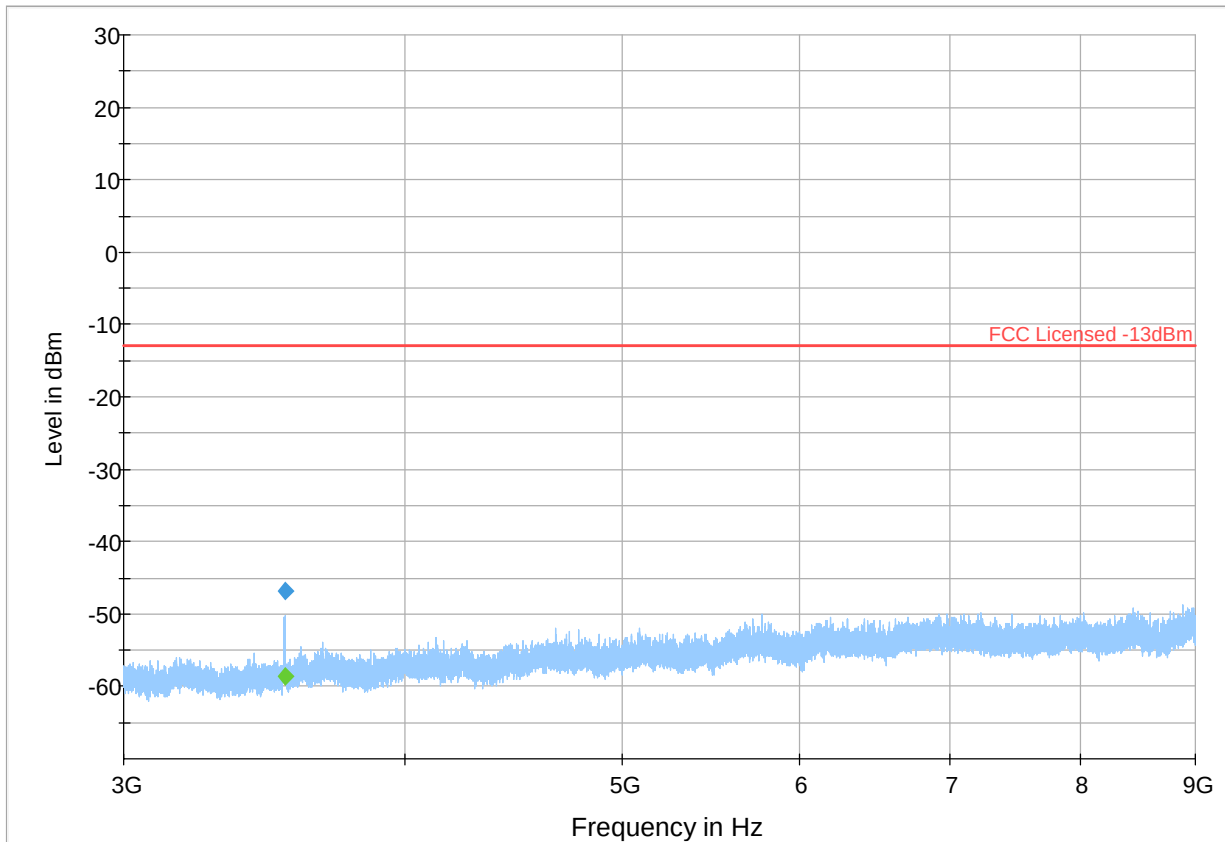
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2831.00	---	-50.23	---	---	500.0	1000.0	325.0	H	310.0	-60.8
2831.00	-38.42	---	-13.00	25.42	500.0	1000.0	325.0	H	310.0	-60.8



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RMS

Plot # 50

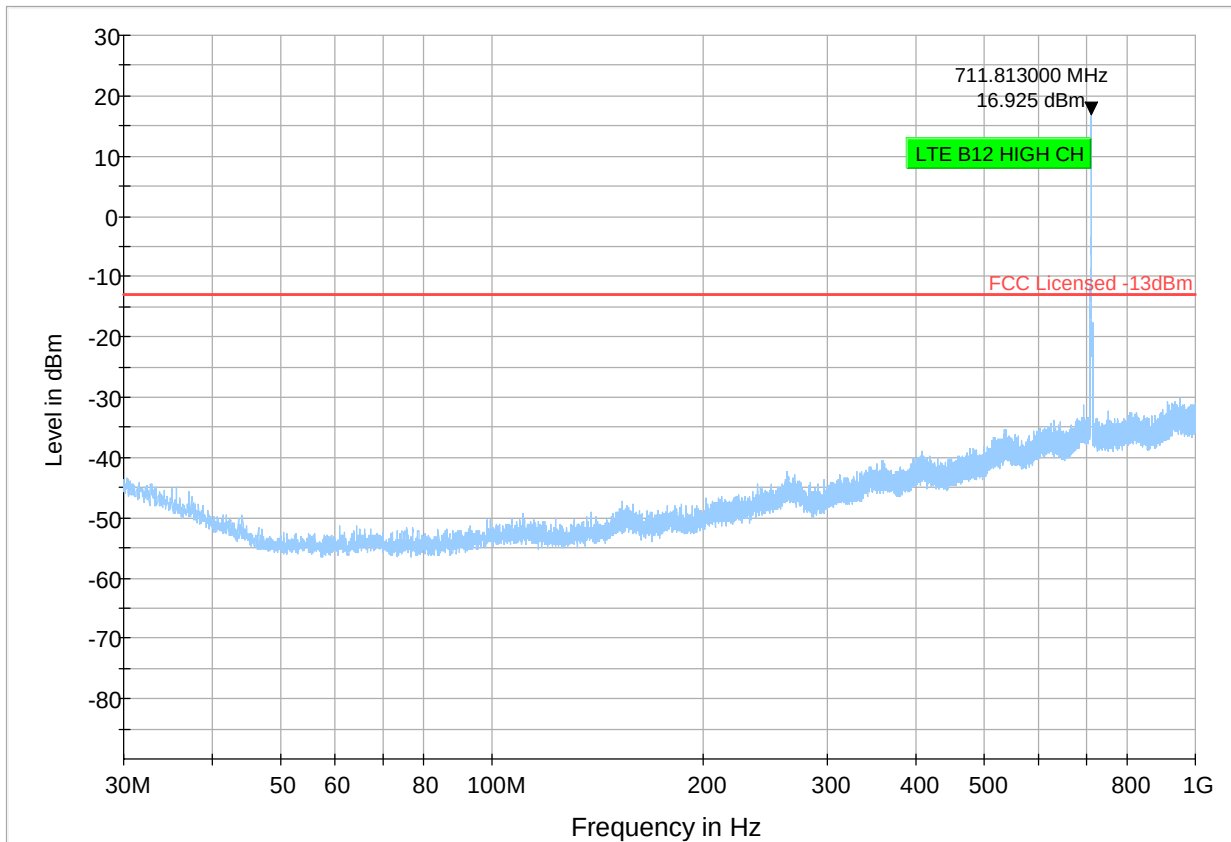
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3540.40	---	-58.60	---	---	500.0	1000.0	107.0	V	143.0	-102.1
3540.40	-46.92	---	-13.00	33.92	500.0	1000.0	107.0	V	143.0	-102.1



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 51

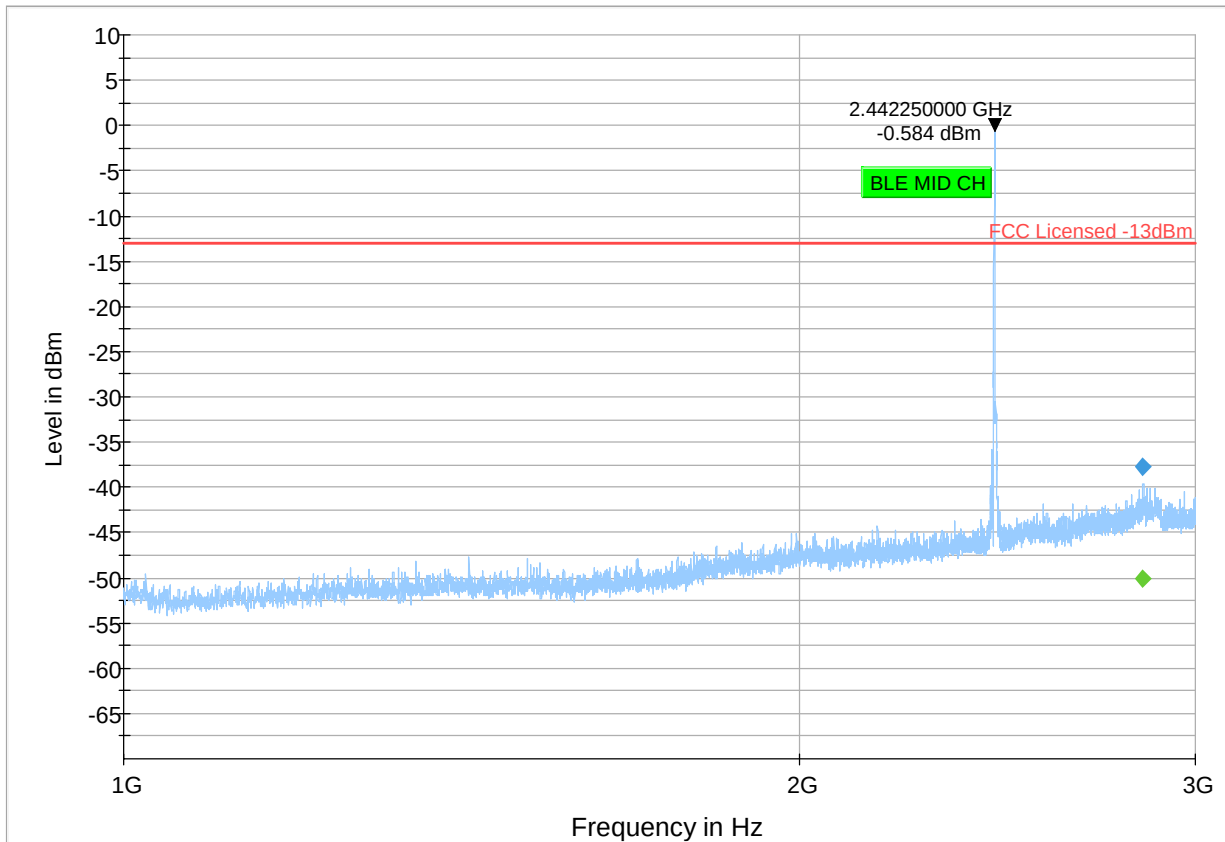
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm Final_Result RM

Plot # 52

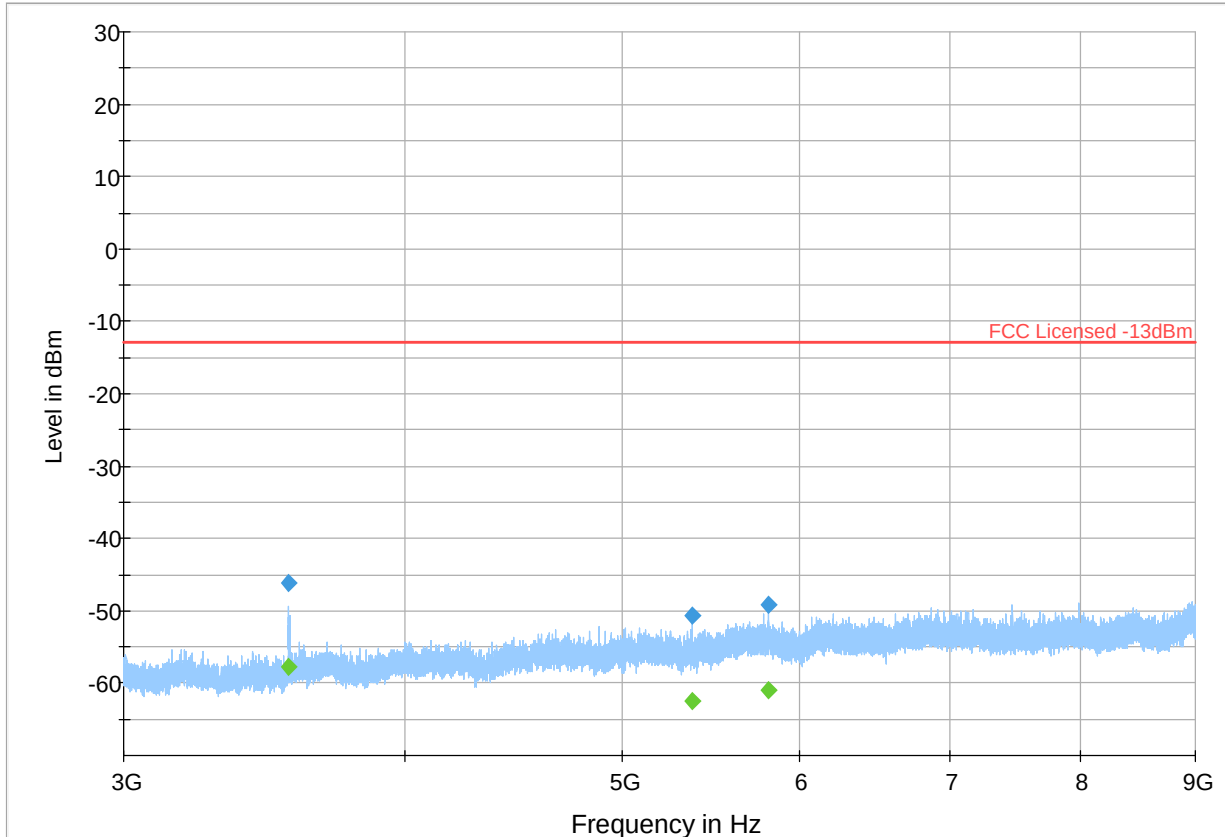
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2844.00	---	-50.17	---	---	500.0	1000.0	289.0	H	54.0	-60.7
2844.00	-37.80	---	-13.00	24.80	500.0	1000.0	289.0	H	54.0	-60.7



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RMS

Plot # 53

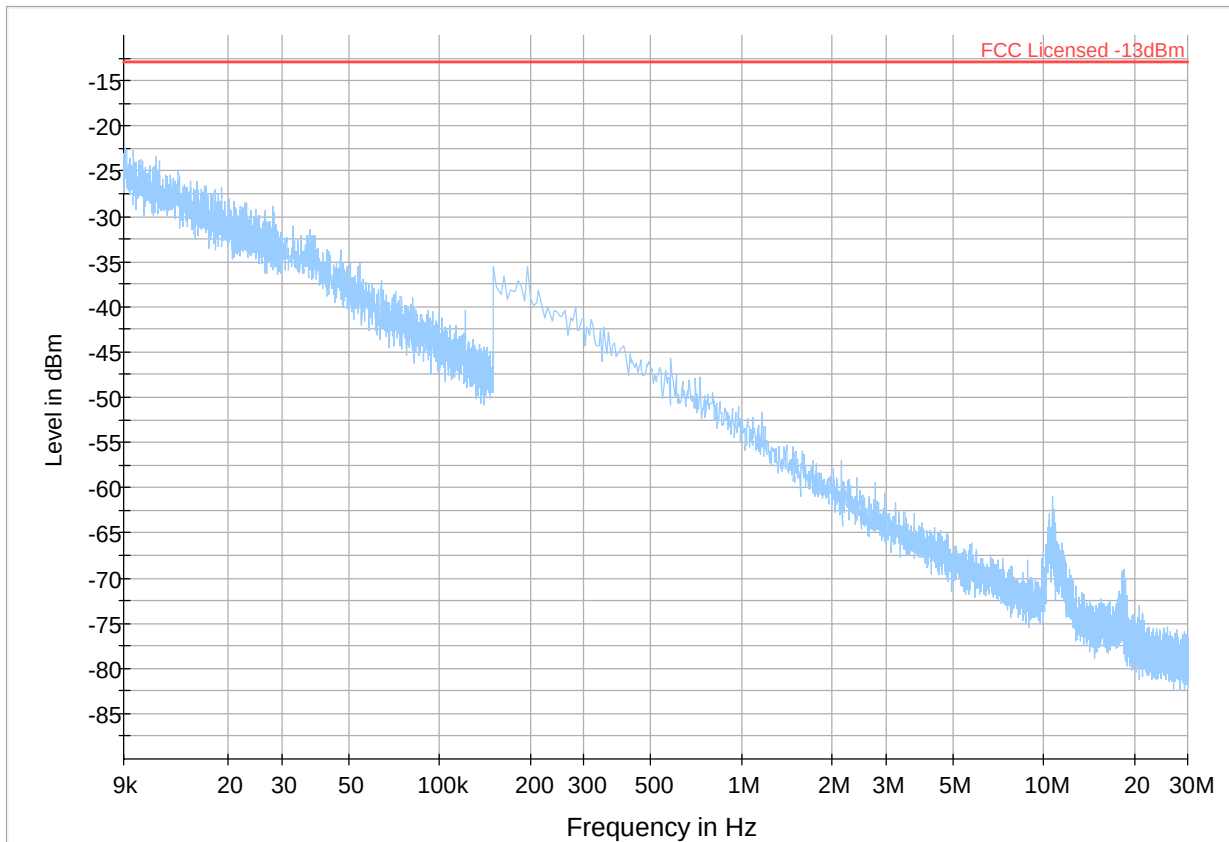
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3552.10	---	-57.76	---	---	500.0	1000.0	171.0	V	333.0	-101.9
3552.10	-46.18	---	-13.00	33.18	500.0	1000.0	171.0	V	333.0	-101.9
5370.90	---	-62.52	---	---	500.0	1000.0	169.0	V	61.0	-97.7
5370.90	-50.58	---	-13.00	37.58	500.0	1000.0	169.0	V	61.0	-97.7
5806.90	---	-61.09	---	---	500.0	1000.0	212.0	V	27.0	-96.2
5806.90	-49.21	---	-13.00	36.21	500.0	1000.0	212.0	V	27.0	-96.2



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 54

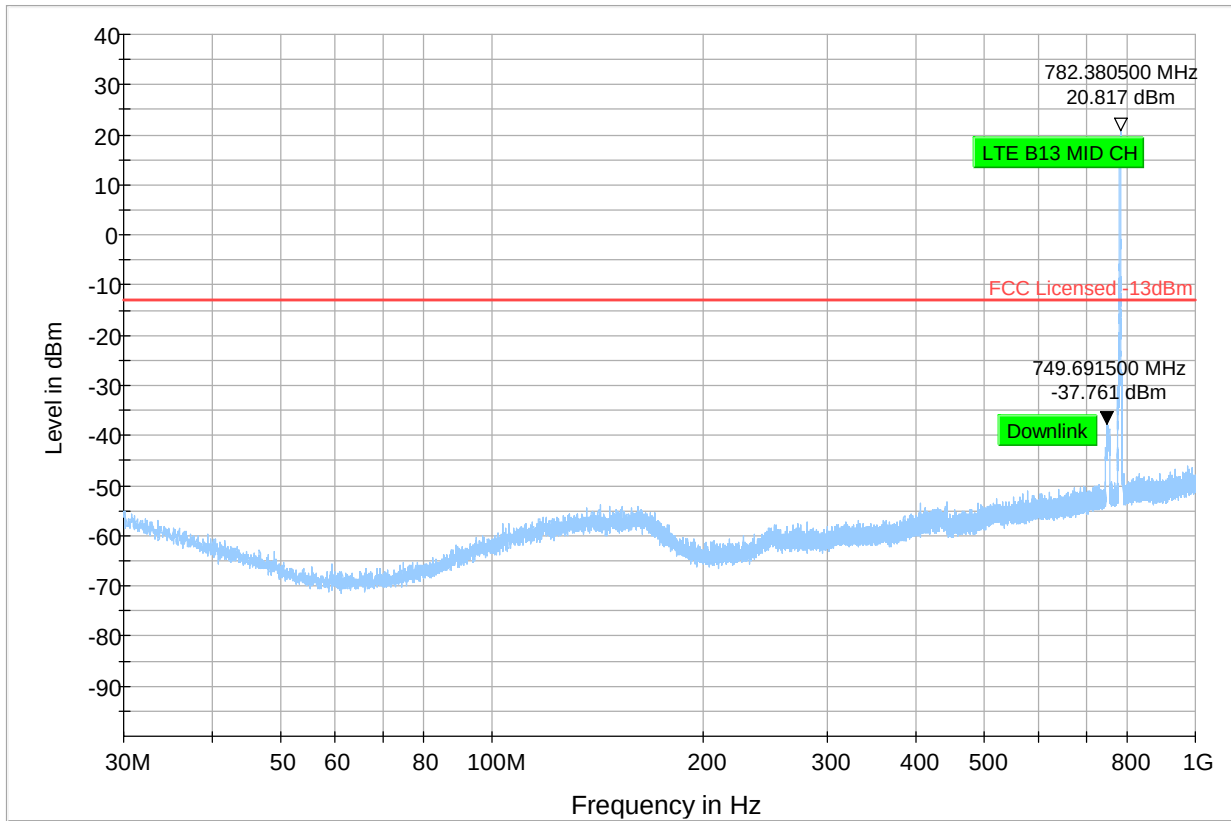
Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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Preview Result 1-PK+ * Critical_Freqs PK+ FCC Licensed -13dBm Final_Result RM

Plot # 55

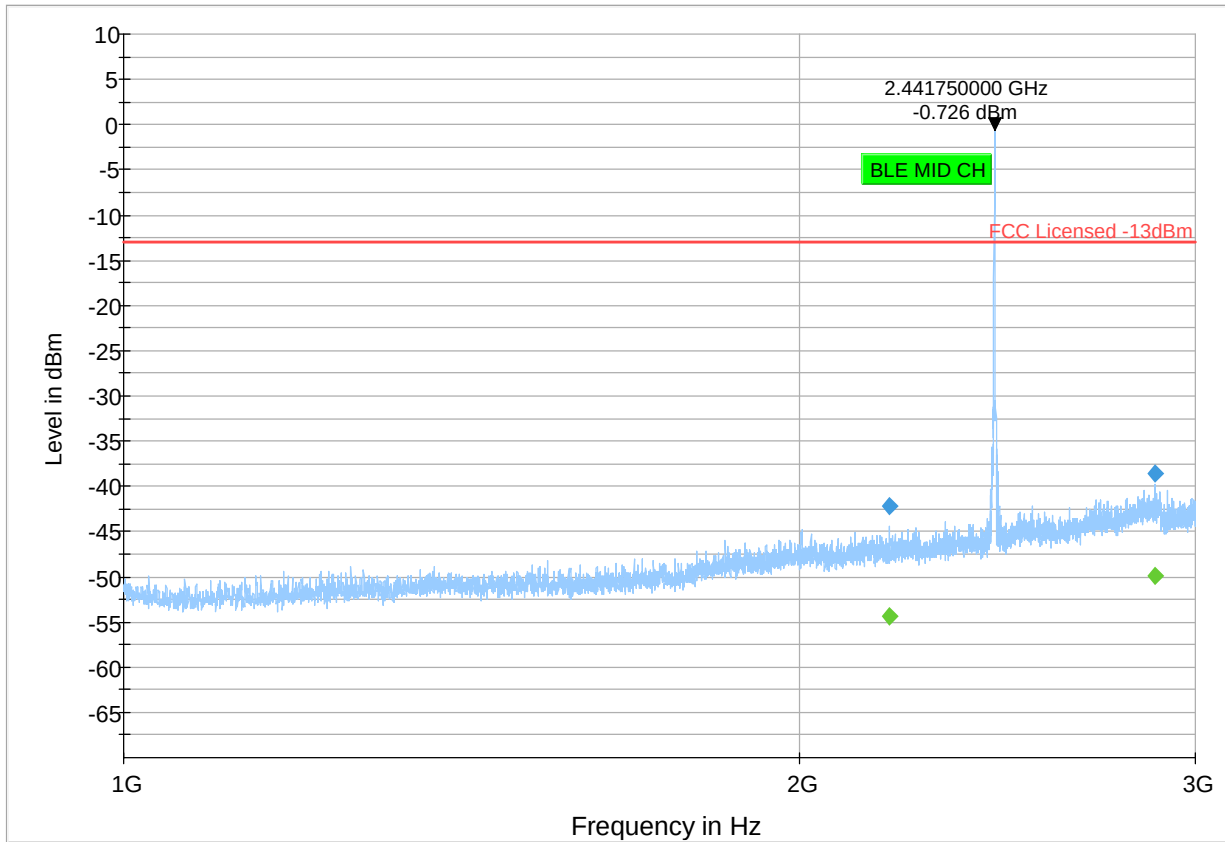
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 56

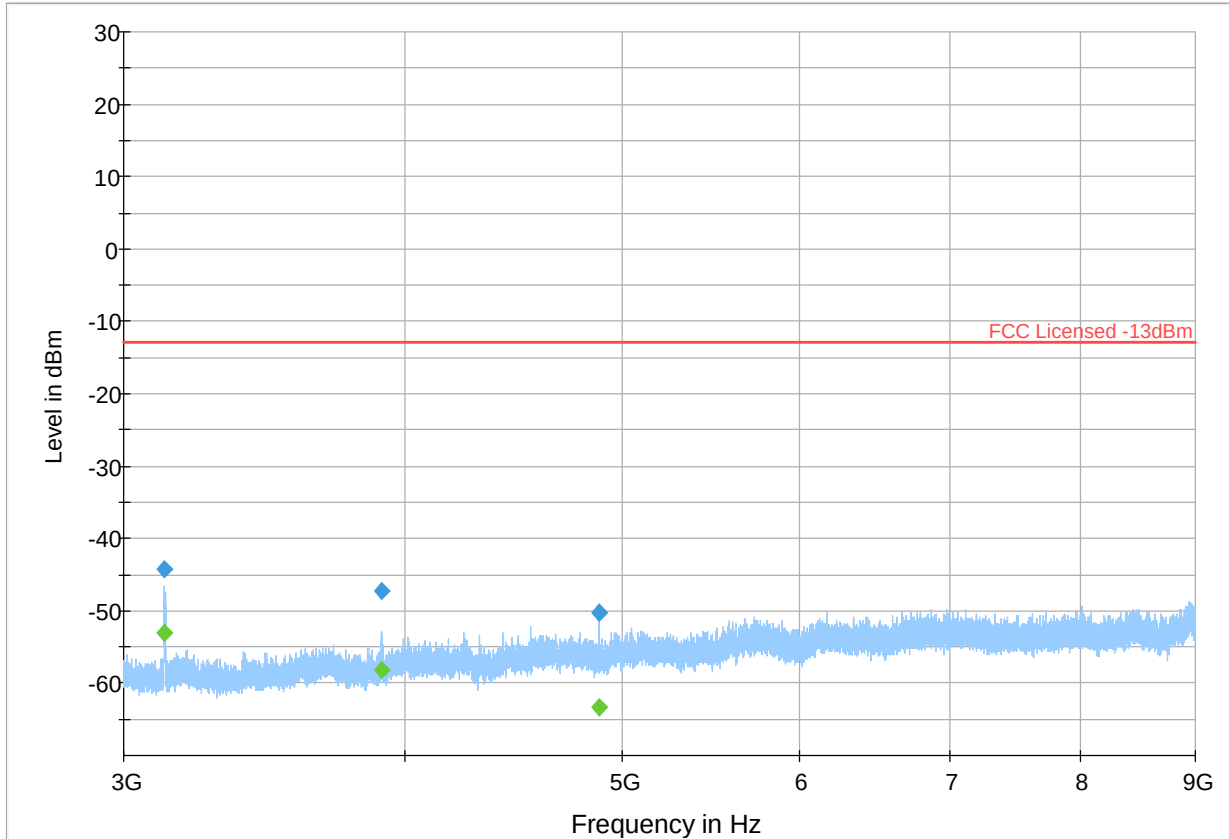
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2193.00	---	-54.42	---	---	500.0	1000.0	143.0	V	223.0	-63.2
2193.00	-42.25	---	-13.00	29.25	500.0	1000.0	143.0	V	223.0	-63.2
2877.50	---	-49.96	---	---	500.0	1000.0	325.0	V	40.0	-60.6
2877.50	-38.64	---	-13.00	25.64	500.0	1000.0	325.0	V	40.0	-60.6



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 57

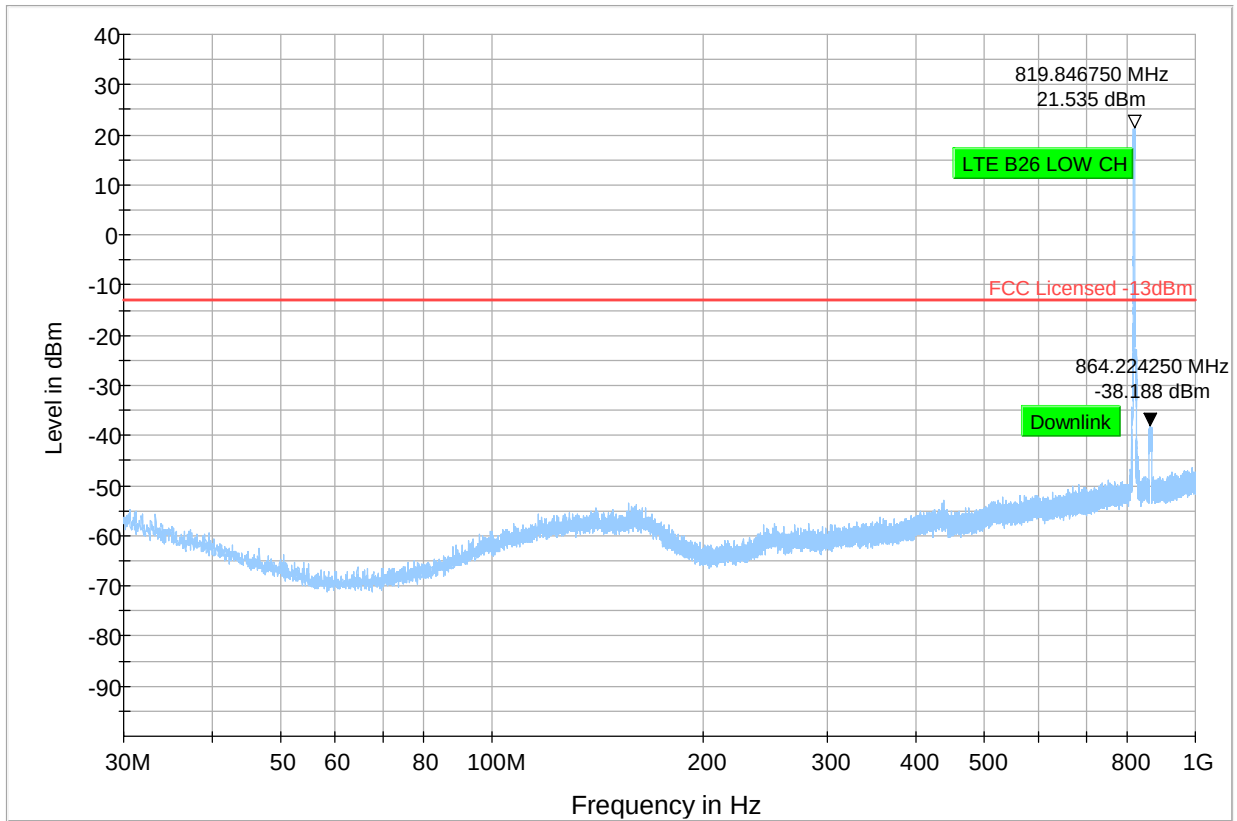
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3127.80	---	-52.95	---	---	500.0	1000.0	243.0	H	340.0	-103.3
3127.80	-44.20	---	-13.00	31.20	500.0	1000.0	243.0	H	340.0	-103.3
3909.20	---	-58.23	---	---	500.0	1000.0	107.0	V	313.0	-100.8
3909.20	-47.35	---	-13.00	34.35	500.0	1000.0	107.0	V	313.0	-100.8
4882.80	---	-63.43	---	---	500.0	1000.0	142.0	V	139.0	-99.1
4882.80	-50.22	---	-13.00	37.22	500.0	1000.0	142.0	V	139.0	-99.1



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 58

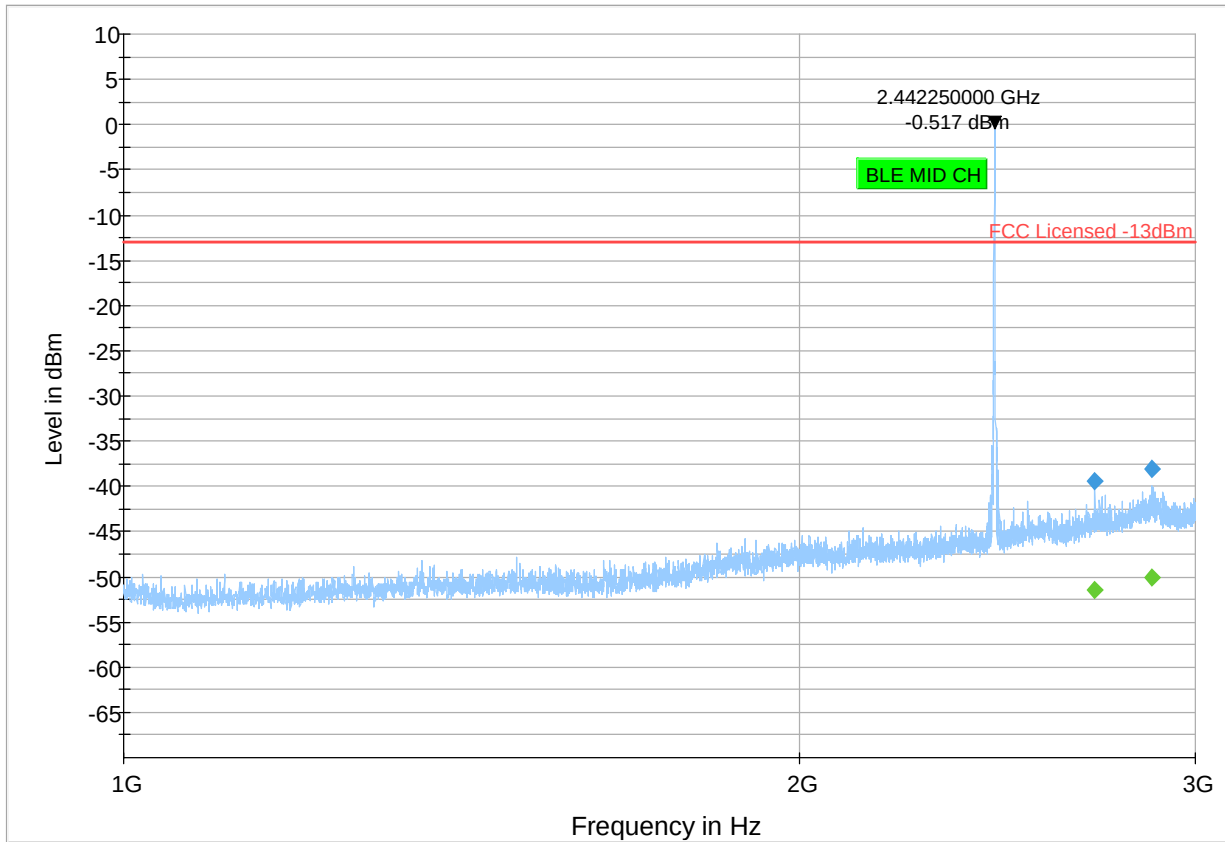
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 59

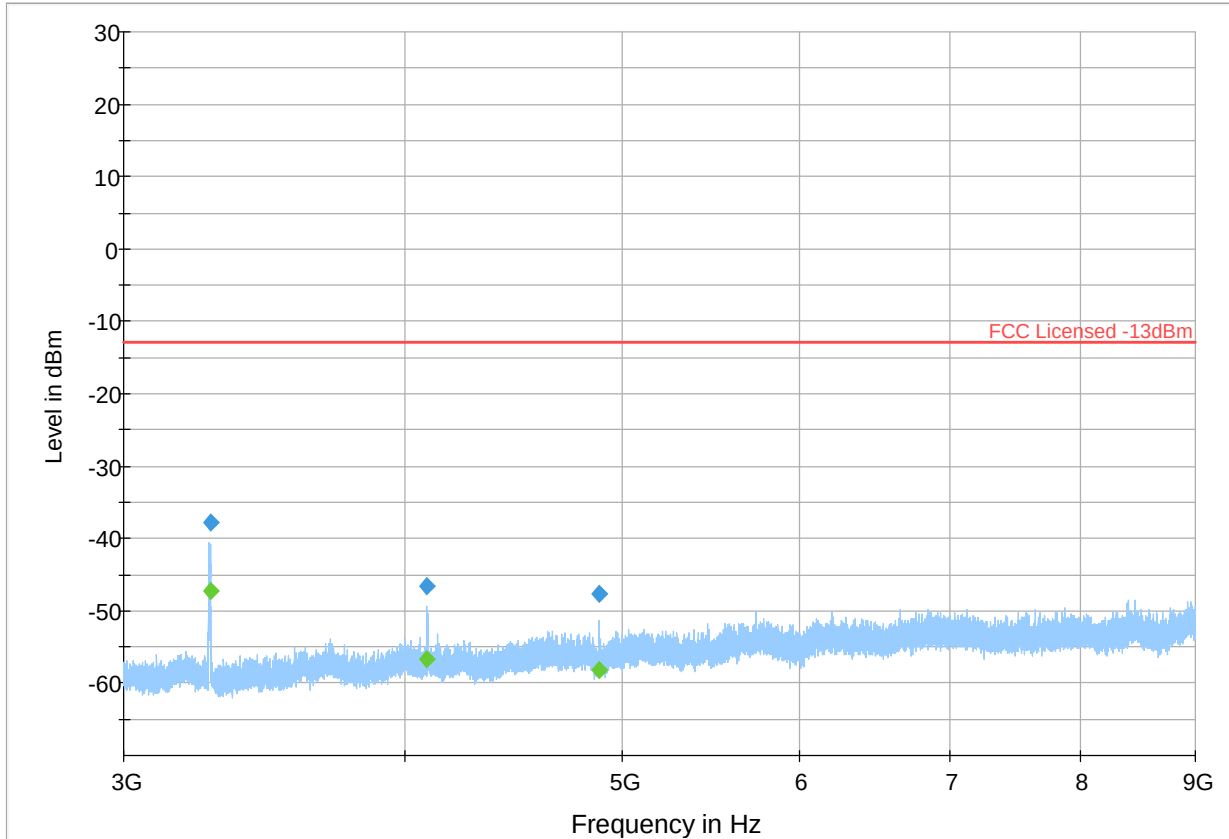
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
2706.75	---	-51.38	---	---	500.0	1000.0	174.0	H	-45.0	-61.4
2706.75	-39.37	---	-13.00	26.37	500.0	1000.0	174.0	H	-45.0	-61.4
2868.00	---	-50.02	---	---	500.0	1000.0	285.0	H	298.0	-60.6
2868.00	-38.05	---	-13.00	25.05	500.0	1000.0	285.0	H	298.0	-60.6



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

Plot # 60

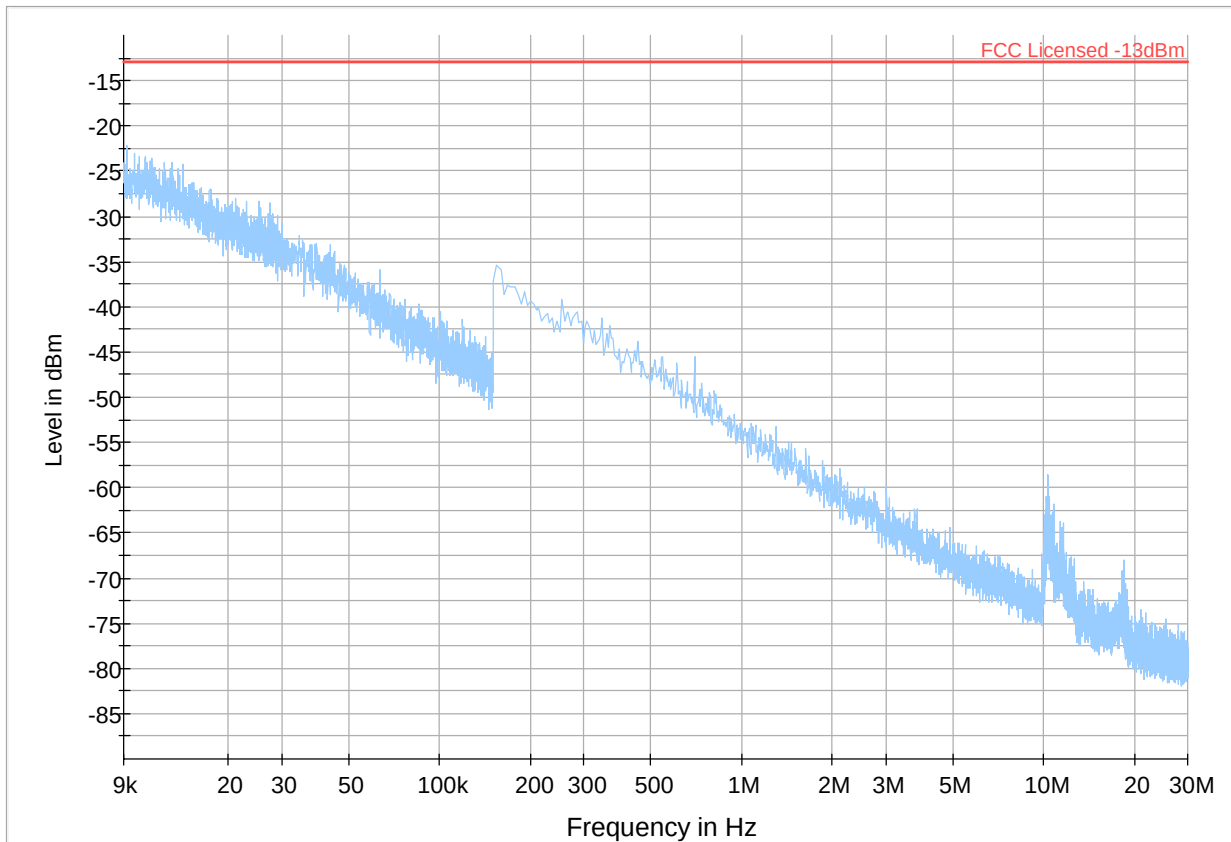
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
3278.20	---	-47.25	---	---	500.0	1000.0	125.0	H	136.0	-103.1
3278.20	-37.71	---	-13.00	24.71	500.0	1000.0	125.0	H	136.0	-103.1
4094.80	---	-56.74	---	---	500.0	1000.0	143.0	H	250.0	-99.6
4094.80	-46.64	---	-13.00	33.64	500.0	1000.0	143.0	H	250.0	-99.6
4883.40	---	-58.25	---	---	500.0	1000.0	100.0	H	162.0	-99.1
4883.40	-47.70	---	-13.00	34.70	500.0	1000.0	100.0	H	162.0	-99.1



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RM

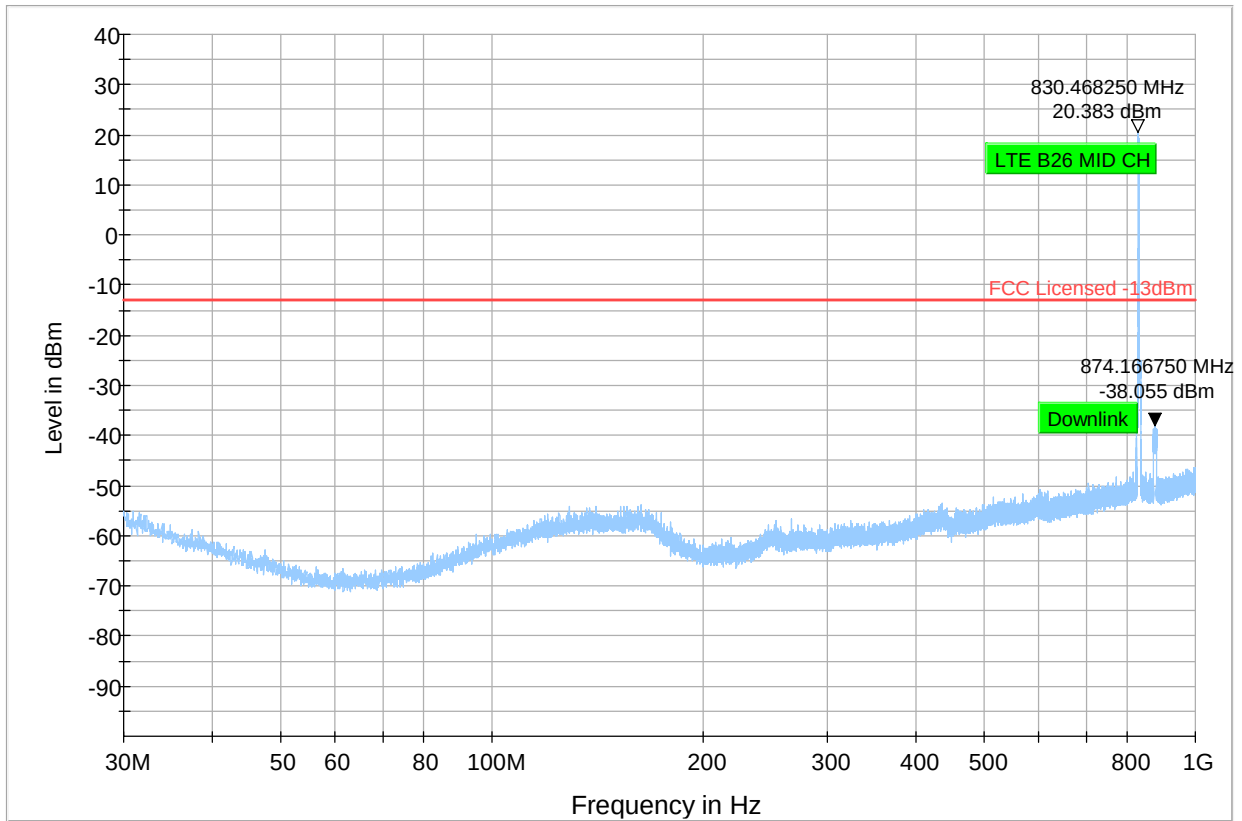
Plot # 61

Frequency (MHz)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)	Comment
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Plot # 62

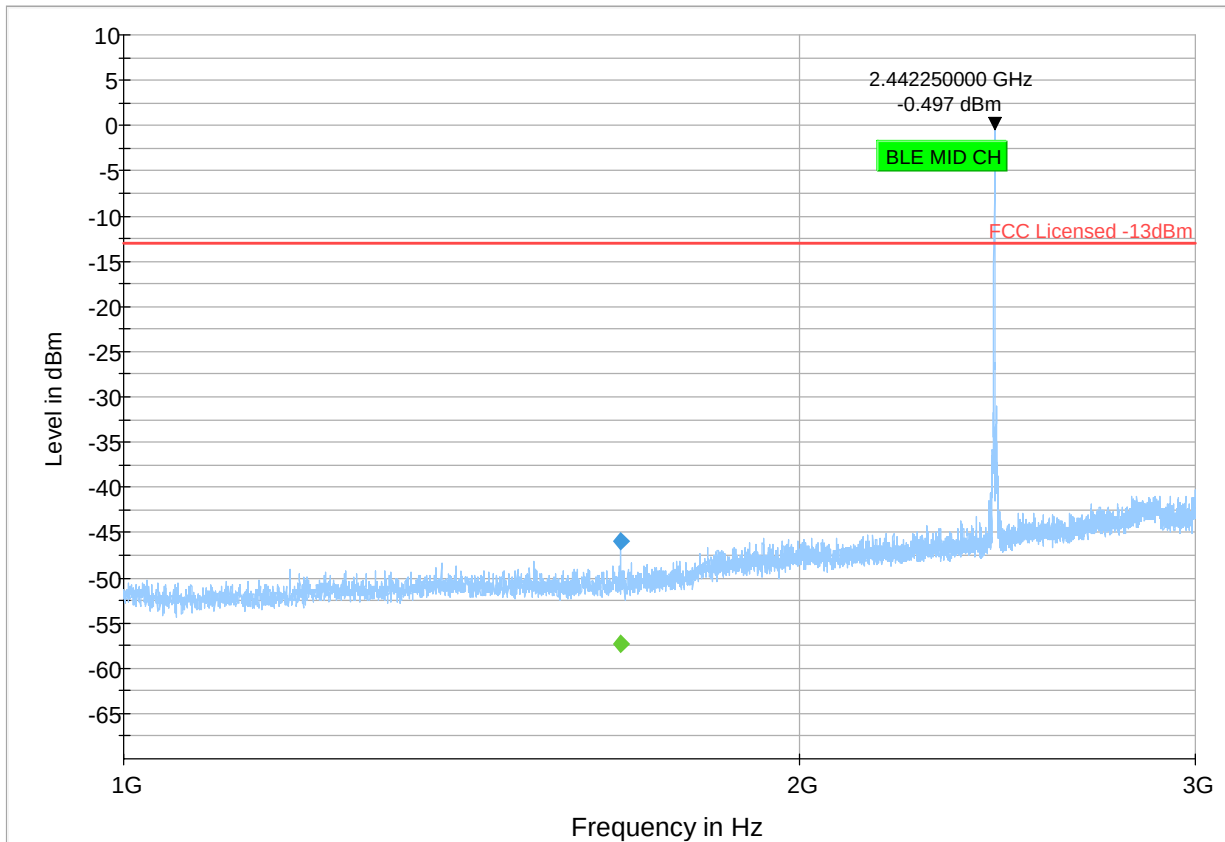
Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
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◆ Preview Result 1-PK+ * Critical_Freqs PK+ — FCC Licensed -13dBm
◆ Final_Result PK+ ◆ Final_Result RMS

Plot # 63

Frequency (MHz)	MaxPeak (dBm)	RMS (dBm)	Limit (dBm)	Margin (dB)	Meas. Time (ms)	Bandwidth (kHz)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB)
1663.75	---	-57.23	---	---	500.0	1000.0	242.0	H	286.0	-65.6
1663.75	-45.96	---	-13.00	32.96	500.0	1000.0	242.0	H	286.0	-65.6



Preview Result 1-PK+ FCC Licensed -13dBm Final_Result PK+ Final_Result RMS