

Prüfbericht-Nr.: <i>Test report No.:</i>	50301400 001	Auftrags-Nr.: <i>Order No.:</i>	168133692	Seite 1 von 36 <i>Page 1 of 36</i>	
Kunden-Referenz-Nr.: <i>Client reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	25.09.2019		
Auftraggeber: <i>Client:</i>	Monument Grill LLC 3 Atlantic Street, Plainsboro, NJ 08536, United States				
Prüfgegenstand: <i>Test item:</i>	Pellet Grill				
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	S1251801T, S1251701T, S2221501GT, S2221501T, S2261601T, S2261601GT, S2261601TP, S2261601GTP				
Auftrags-Inhalt: <i>Order content:</i>	FCC testing				
Prüfgrundlage: <i>Test specification:</i>	CFR47 FCC Part 15: Subpart C Section 15.247 CFR47 FCC Part 15: Subpart C Section 15.209				
Wareneingangsdatum: <i>Date of receipt:</i>	25.09.2019	Refer to Photos			
Prüfmuster-Nr.: <i>Test sample No.:</i>	A001000425-001				
Prüfzeitraum: <i>Testing period:</i>	25.09.2019 - 06.11.2019				
Ort der Prüfung: <i>Place of testing:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Shenzhen) Co., Ltd.				
Prüfergebnis*: <i>Test result*:</i>	Pass				
geprüft von / tested by: Jackson Yang 19.12.2019 Jackson Yang / Project Engineer		kontrolliert von / reviewed by: Winnie Hou 19.12.2019 Winnie Hou / Technical Certifier			
Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name/Stellung <i>Name/Position</i>	Unterschrift <i>Signature</i>
Sonstiges / Other: FCC ID: 2AVABS1251801T Note: The Radiated Spurious Emission above 1GHz of this product are evaluated in this report which was additional tests as test report 50306743 001.					
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>			Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged:</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specifications(s) F(ail) = failed a.m. test specifications(s) N/A = not applicable N/T = not tested					
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>					

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Test Summary

5.1.1 RADIATED SPURIOUS EMISSIONS

RESULT: Pass

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1 General Remarks

1.1 Complementary Materials

N/A

2 Test Sites

2.1 Test Facilities

TÜV Rheinland (Shenzhen) Co., Ltd.

1F East & 2-4F, Cybio Technology Building No.1, No.16 Kejibei 2nd Road, Nanshan District, Shenzhen, 518057, China

FCC Registration No.: 694916

IC Registration No.: 25069

2.2 List of Test and Measurement Instruments

Table 1: List of Test and Measurement Equipment

Radiated Spurious Emission				
Equipment	Manufacturer	Model No.	Serial No.	Cal. Until
EMI Test Receiver	Rohde & Schwarz	ESR 7	102021	19.08.2020
Signal Analyzer	Rohde & Schwarz	FSV 40	101439	21.08.2020
System Controller Interface	Rohde & Schwarz	SCI-100	S10010038	N/A
Filterbank	Rohde & Schwarz	Wlan	100759	21.08.2020
OSP	Rohde & Schwarz	OSP 120	102040	N/A
Pre-amplifier	Rohde & Schwarz	SCU08F1	08320031	20.08.2020
Amplifier	Rohde & Schwarz	SCU-18F	180070	20.08.2020
Amplifier	Rohde & Schwarz	SCU40A	100475	20.09.2020
Trilog Broadband Antenna (30 MHz - 1 GHz)	Schwarzbeck	VULB9162	193	02.09.2020
Double-Ridged Antenna (1 -18 GHz)	ETS-LINDGREN	3117	00218717	02.09.2020
Wideband Ridged Horn Antenna (18-40 GHz)	Steatite	QMS-00880	19067	02.09.2020
Active Loop Antenna	Schwarzbeck	FMZB 1513	302	01.09.2020
Wideband Ridged Horn Antenna (12-18 GHz)	Steatite	QMS-00208	18313	02.09.2020

2.3 Traceability

All measurement equipment calibrations are traceable to NIM (National Institute of Metrology) or where calibration is performed in other countries, to equivalent nationally recognized standards organizations.

2.4 Calibration

Equipment requiring calibration is calibrated periodically by the manufacturer or according to manufacturer's specifications. Additionally all equipment is verified for proper performance on a regular basis using in house standards or comparisons.

2.5 Measurement Uncertainty

The estimated combined standard uncertainty for radiated emissions and conducted emissions measurements as below table:

Table 2: Measurement Uncertainty

Items	Extended Uncertainty
Radiated Spurious Emissions (up to 1GHz)	± 4.84 dB
Radiated Spurious Emissions (1GHz to 26.5GHz)	± 4.76 dB

2.6 Location of Original Data

The original copies of all test data taken during actual testing were attached in this report and delivered to the applicant. A copy has been retained in the TÜV Rheinland (Shenzhen) Co., Ltd. file for certification follow-up purposes.

2.7 Status of Facility Used for Testing

The TÜV Rheinland (Shenzhen) Co., Ltd. Test facility located at 1F East & 2-4F, Cybio Technology Building No.1, No.16 Kejibei 2nd Road, Nanshan District, Shenzhen, 518057, China is listed on the US Federal Communications Commission list of facilities approved to perform measurements.

3 General Product Information

3.1 Product Function and Intended Use

The EUT is a Pellet Grill which supports WIFI function.

All above models have the same electric circuit. The differences among them are in the appearances and mechanical aspects.

For details refer to the User Manual, Technical Description and Circuit Diagram.

3.2 Ratings and System Details

Table 3: Technical Specification of EUT

General Information of EUT	Value
Kind of Equipment	Pellet Grill
Type Designation	S1251801T, S1251701T, S2221501GT, S2221501T, S2261601T, S2261601GT, S2261601TP, S2261601GTP
Operating Voltage	AC 120V/60Hz
Testing Voltage	AC 120V/60Hz
Rated power	0.25kW
Protection Class	Class I
Operating Frequency band	2400 – 2483.5MHz
Technology	802.11b: DSSS 802.11g/n: OFDM
Data Rate	802.11b: 11 Mbps max. 802.11g: 54 Mbps max. 802.11n (HT20): MCS7 max.
Antenna Type	Internal antenna
Peak Antenna Gain	3.0dBi

3.3 Independent Operation Modes

The basic operation modes are:

- A. On, wifi transmitting mode
 - 1. Low channel
 - 2. Middle channel
 - 3. High channel
- B. Off

3.4 Noise Generating and Noise Suppressing Parts

Refer to Circuit Diagram for further details.

3.5 Submitted Documents

N/A

4 Test Set-up and Operation Modes

4.1 Principle of Configuration Selection

Emissions: The equipment under test (EUT) was configured to measure its highest possible radiation level. The test modes were adapted accordingly in reference to the instructions for use.

According to the model differences description at section 3.1, all tests were performed on the model S1251801T.

4.2 Test Operation and Test Software

Test operation refers to test setup in chapter 5. All testing were performed according to the procedures in ANSI C63.10: 2013.

4.3 Special Accessories and Auxiliary Equipment

Table 4: List of Accessories and Auxiliary Equipment

Description	Manufacturer	Model	S/N	Rating
Laptop	Lenovo	T480	PF-16A6N8	N/A

4.4 Countermeasures to Achieve EMC Compliance

The test sample which has been tested contained the noise suppression parts as described in the Technical Construction File (TCF).

No additional measures were employed to achieve compliance.

4.5 Test Setup Diagram

Diagram of Measurement Configuration for Radiation Test (Below 1GHz)

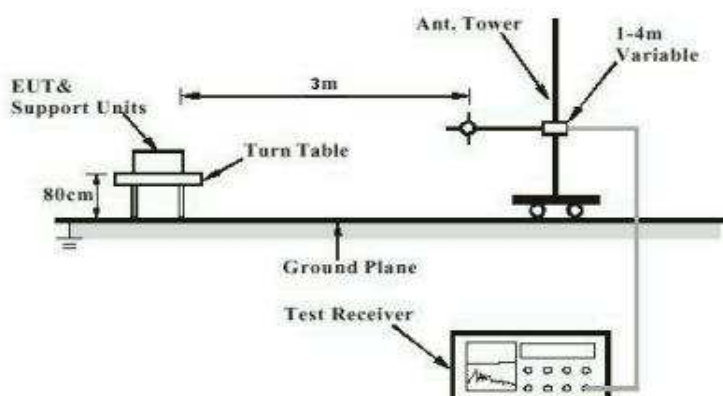
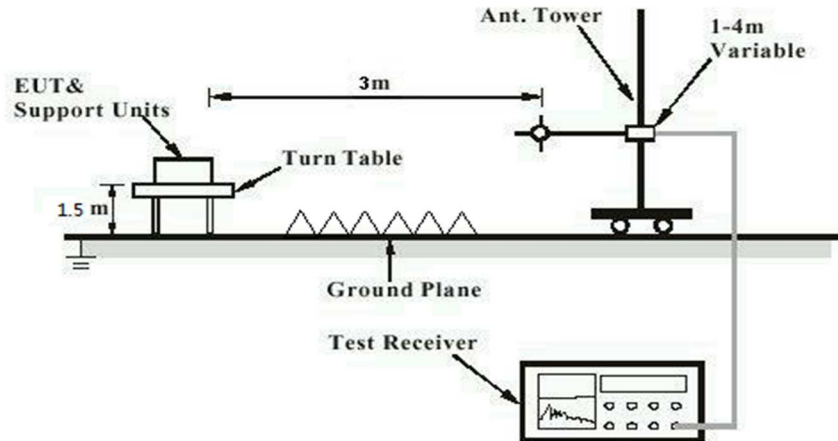


Diagram of Measurement Configuration for Radiation Test (Above 1GHz)



5 Test Results

5.1 Transmitter Requirement & Test Suites

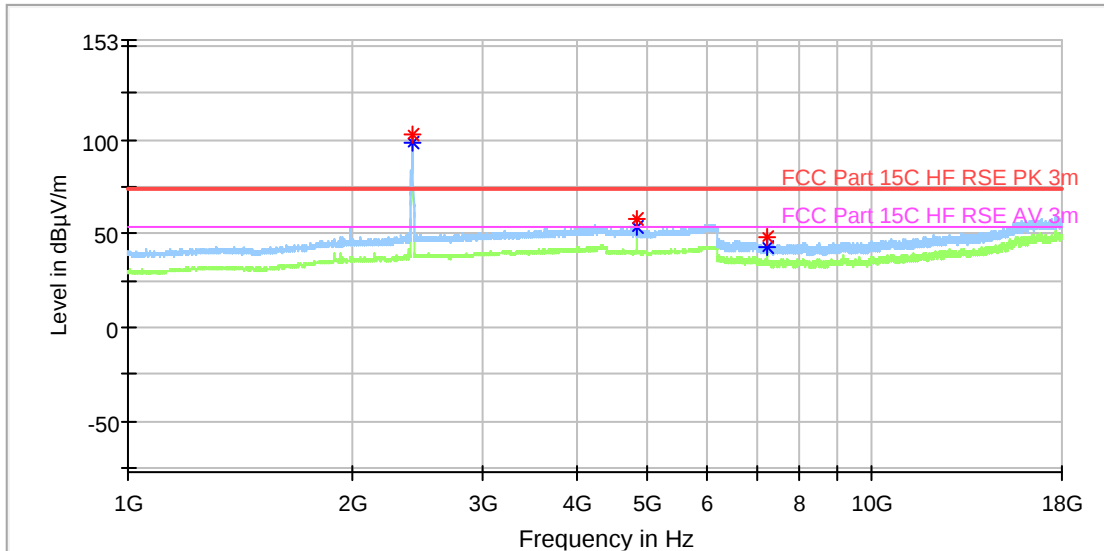
5.1.1 Radiated Spurious Emissions

RESULT:**Pass****Test Specification**

Test standard	:	FCC Part 15.247 (d) & FCC Part 15.205
Basic standard	:	ANSI C63.10: 2013
Limits	:	Refer to 15.209(a) of FCC part 15.247(d)
Kind of test site	:	3m Semi-anechoic Chamber

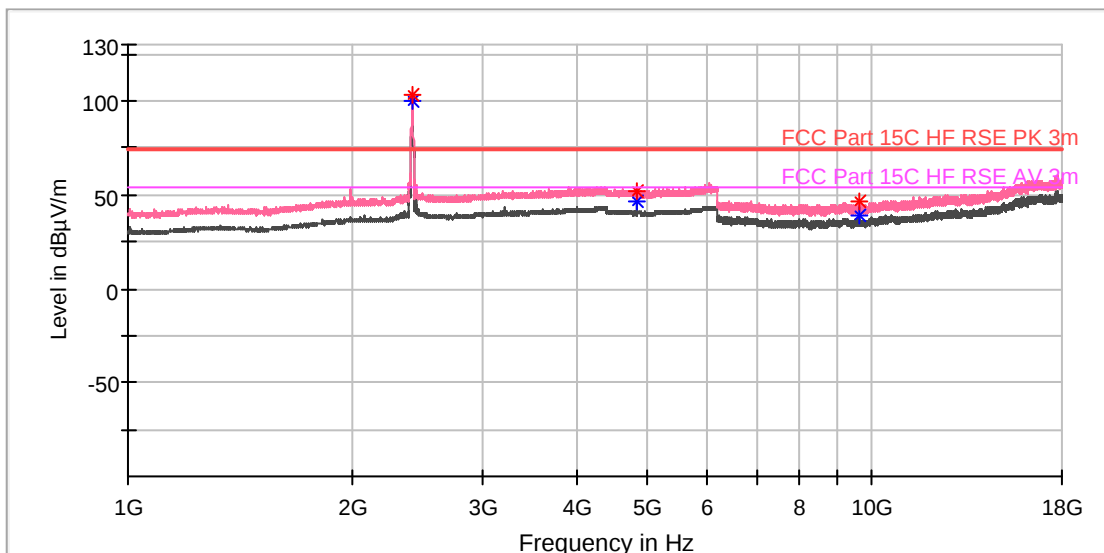
Test Setup

Date of testing	:	08.10.2019 – 09.10.2019
Input voltage	:	AC 120V/60Hz
Operation mode	:	A.1, A.2, A.3
Earthing	:	Connected
Ambient temperature	:	22.6 °C
Relative humidity	:	58 %
Atmospheric pressure	:	101 kPa

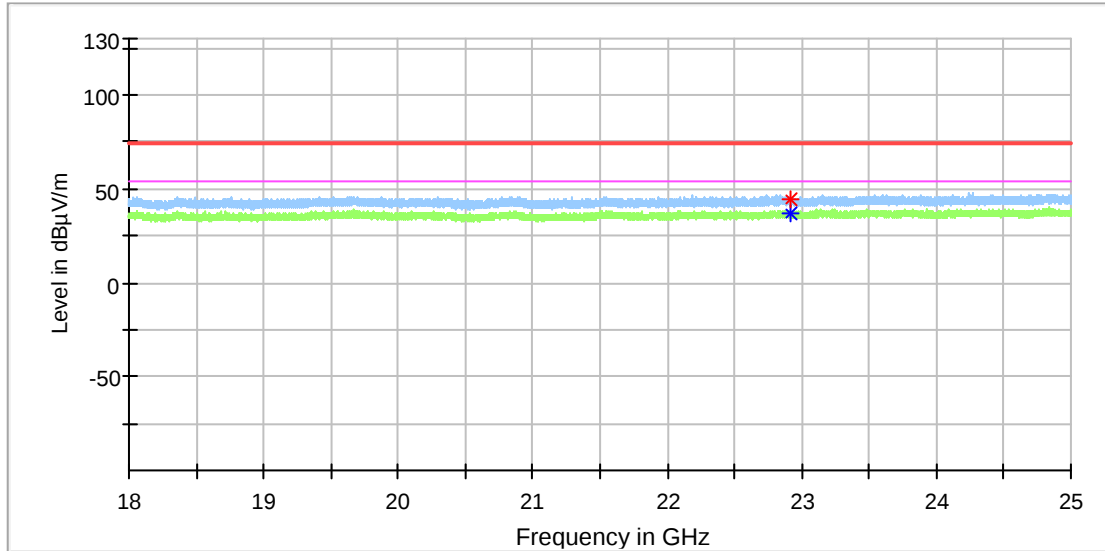
Mode A.1
 802.11b
 Horizontal


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2410.500000	102.31	---	74.00	-28.31	100.0	H	169.0	7.1
2411.000000	---	98.45	54.00	-44.45	100.0	H	169.0	7.1
4823.500000	---	52.84	54.00	1.16	100.0	H	184.0	13.5
4824.000000	57.44	---	74.00	16.56	100.0	H	184.0	13.5
7234.466667	47.66	---	74.00	26.34	100.0	H	243.0	8.6
7236.925000	---	42.96	54.00	11.04	100.0	H	243.0	8.6

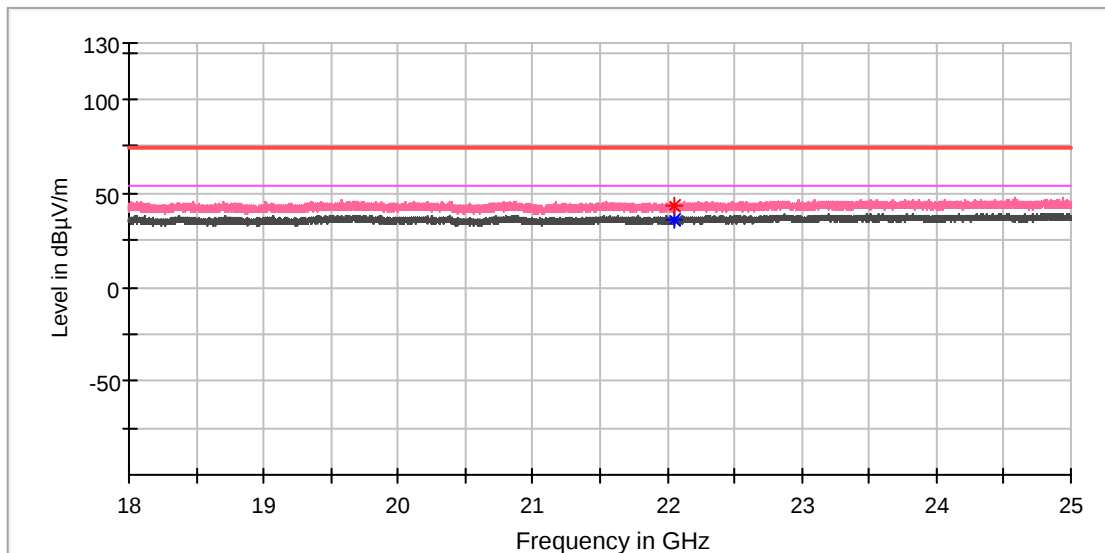
Vertical



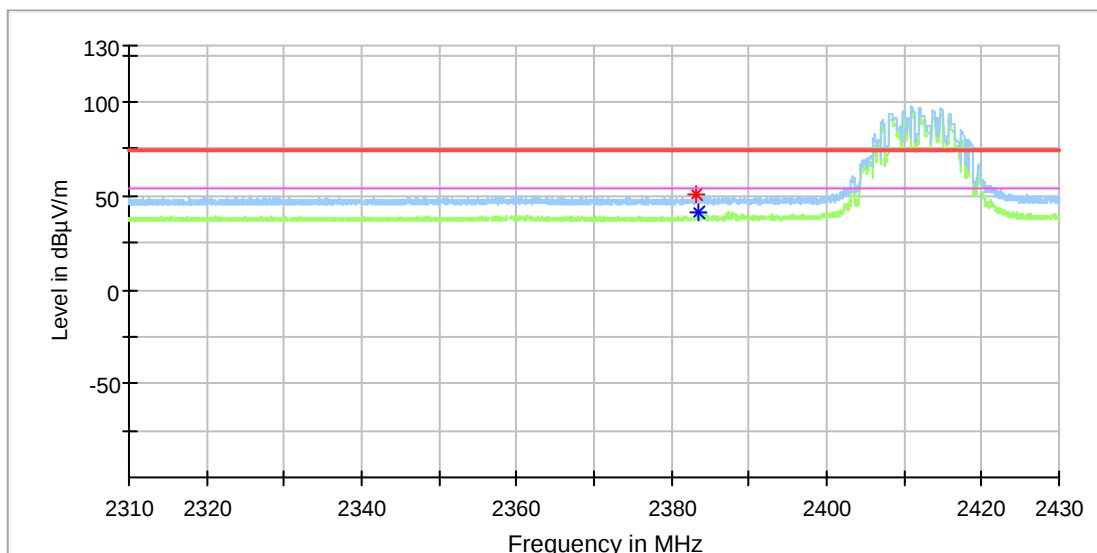
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2413.000000	---	99.66	54.00	-45.66	100.0	V	212.0	7.1
2413.500000	103.25	---	74.00	-29.25	100.0	V	212.0	7.1
4824.000000	52.21	---	74.00	21.79	100.0	V	61.0	13.5
4824.000000	---	46.58	54.00	7.42	100.0	V	61.0	13.5
9647.566667	46.15	---	74.00	27.85	100.0	V	175.0	10.4
9647.566667	---	39.53	54.00	14.47	100.0	V	175.0	10.4

Horizontal


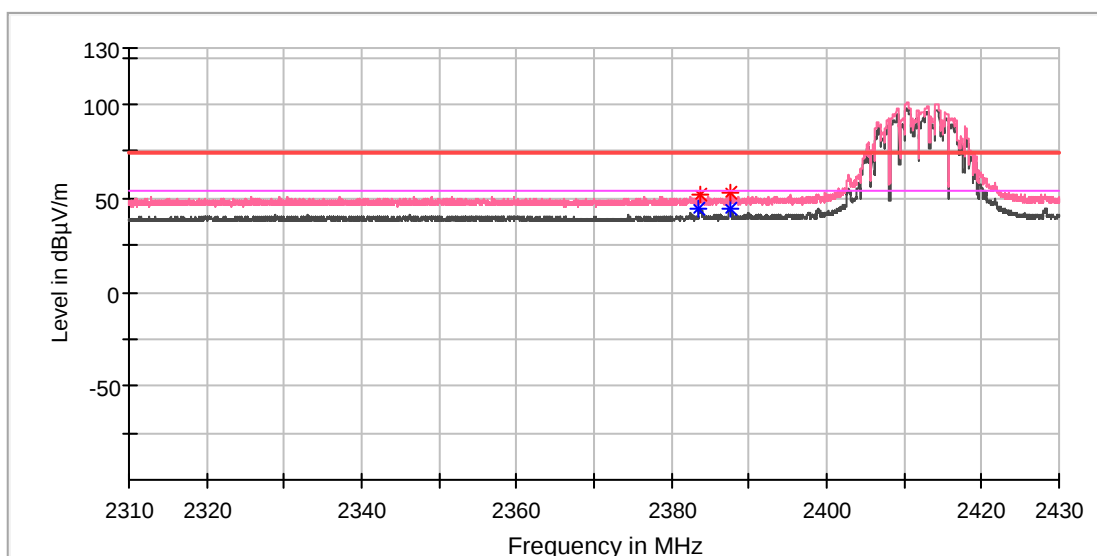
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
22916.187500	---	37.38	54.00	16.62	100.0	H	234.0	-10.9
22916.187500	44.40	---	74.00	29.60	100.0	H	234.0	-10.9

Vertical


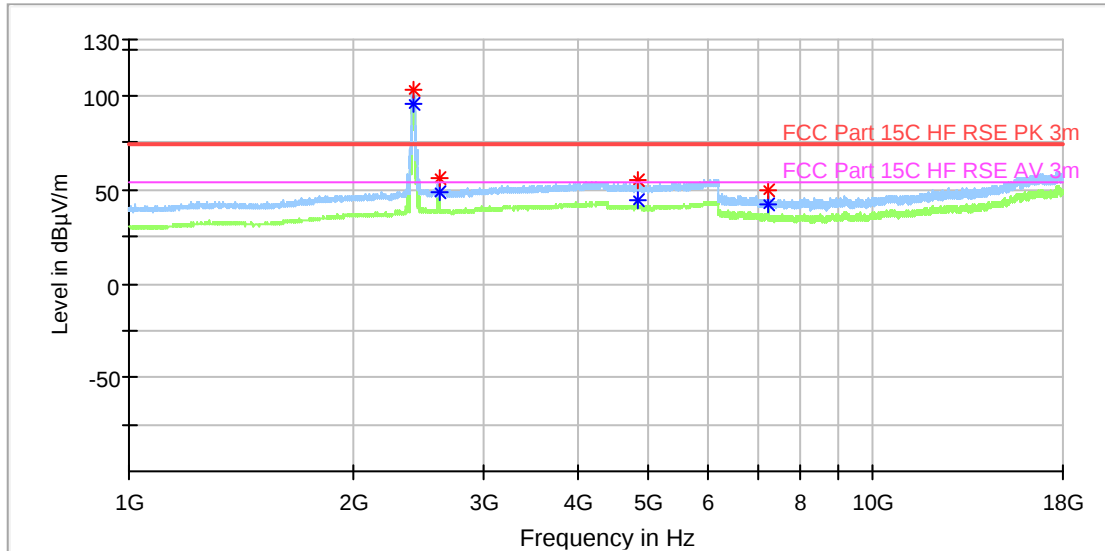
Frequency (MHz)	MaxPeak (dB μ V/m)	Average (dB μ V/m)	Limit (dB μ V/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
22051.468750	---	35.37	54.00	18.63	100.0	V	198.0	-11.3
22051.468750	43.56	---	74.00	30.44	100.0	V	198.0	-11.3

Horizontal


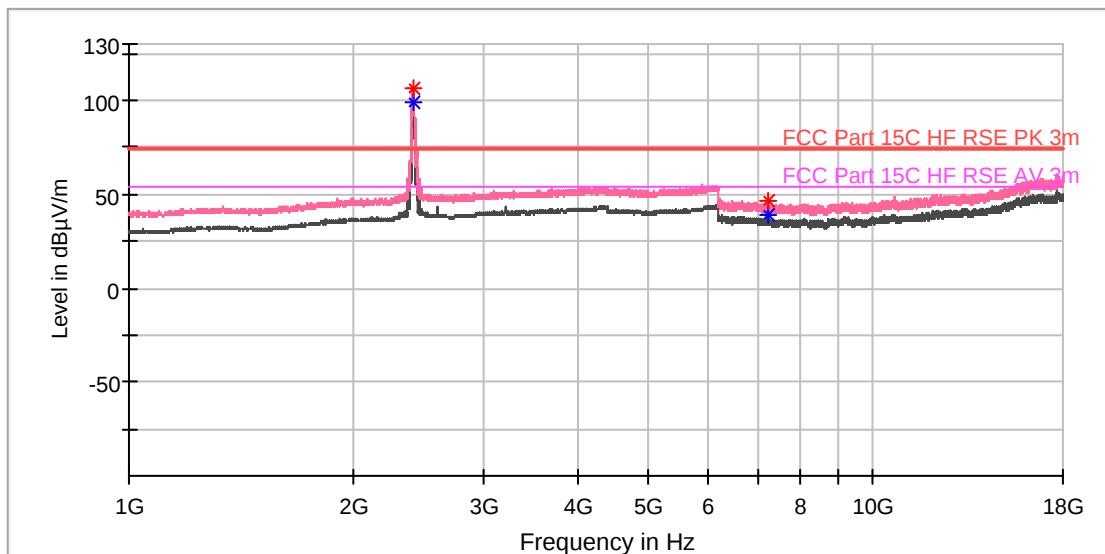
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.235294	50.33	---	74.00	23.67	100.0	H	134.0	7.0
2383.323530	---	41.09	54.00	12.92	100.0	H	134.0	7.0

Vertical


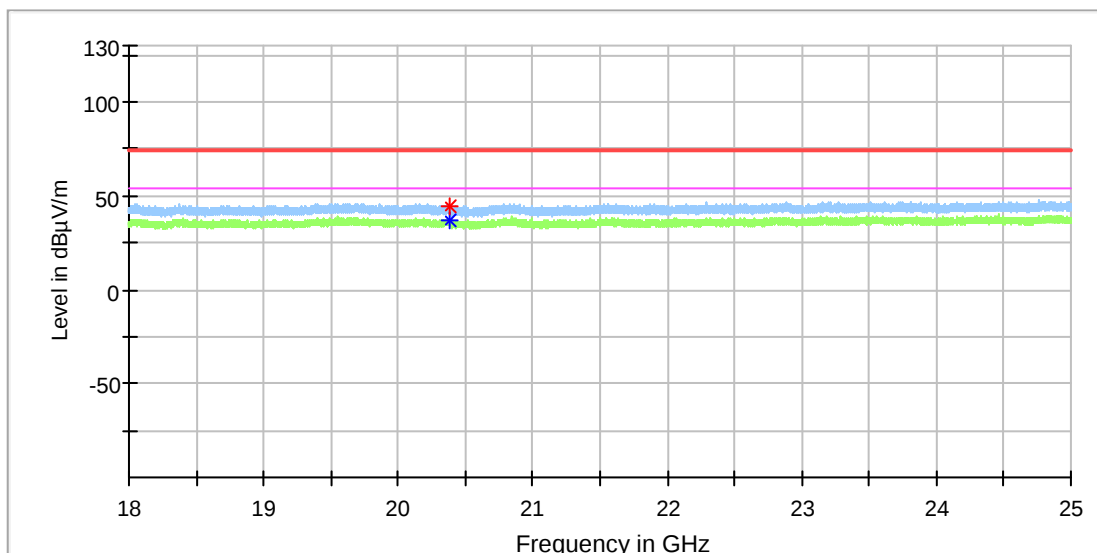
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2383.552941	---	44.17	54.00	9.83	100.0	V	207.0	7.0
2383.605882	51.80	---	74.00	22.20	100.0	V	207.0	7.0
2387.558824	---	43.95	54.00	10.05	100.0	V	158.0	7.0
2387.594118	52.78	---	74.00	21.22	100.0	V	158.0	7.0

802.11g
Horizontal


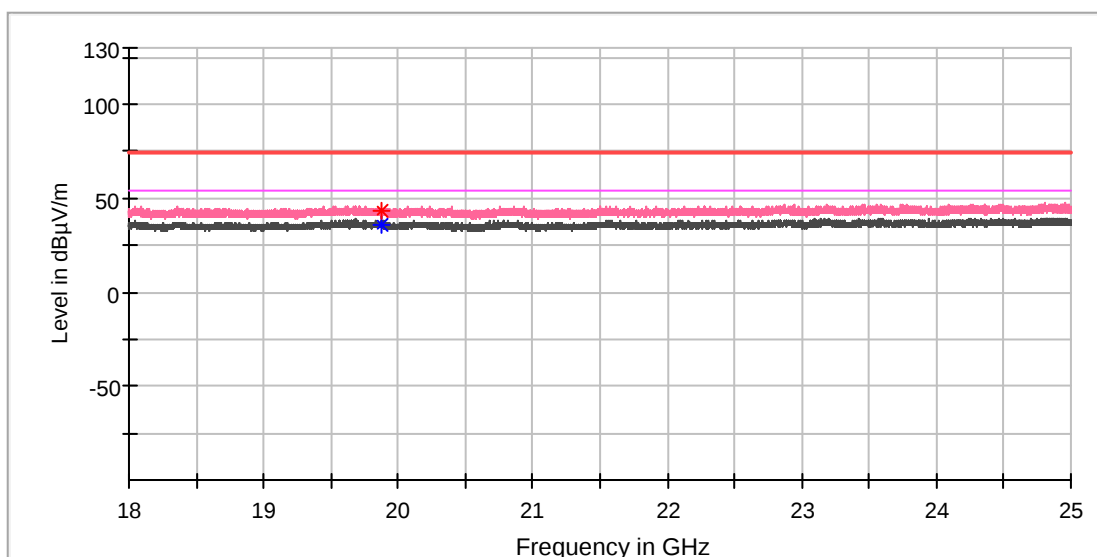
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2414.500000	103.49	---	74.00	-29.49	100.0	H	196.0	7.1
2415.500000	---	95.65	54.00	-41.65	100.0	H	196.0	7.1
2617.500000	---	48.95	54.00	5.05	100.0	H	67.0	7.5
2618.000000	55.78	---	74.00	18.22	100.0	H	67.0	7.5
4831.000000	54.86	---	74.00	19.14	100.0	H	195.0	13.5
4831.500000	---	44.07	54.00	9.93	100.0	H	195.0	13.5
7238.400000	---	41.80	54.00	12.20	100.0	H	190.0	8.6
7238.400000	49.74	---	74.00	24.26	100.0	H	190.0	8.6

Vertical


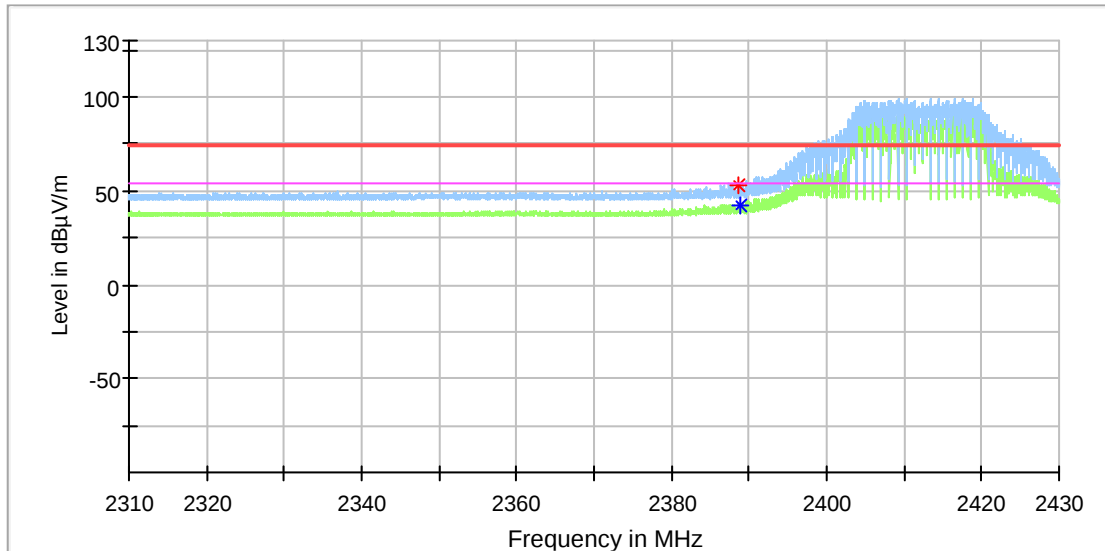
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2415.000000	106.01	---	74.00	-32.01	100.0	V	151.0	7.1
2416.500000	---	98.87	54.00	-44.87	100.0	V	151.0	7.2
7222.175000	---	38.54	54.00	15.46	100.0	V	72.0	8.7
7228.075000	47.09	---	74.00	26.91	100.0	V	33.0	8.7

Horizontal


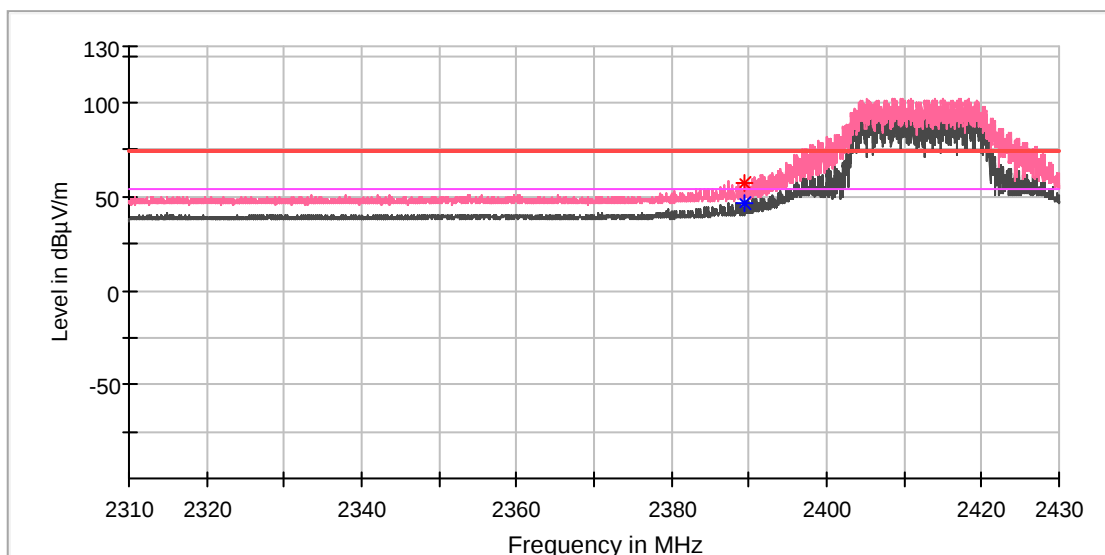
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20381.968750	44.24	---	74.00	29.76	100.0	H	56.0	-12.7
20382.187500	---	36.93	54.00	17.07	100.0	H	68.0	-12.7

Vertical


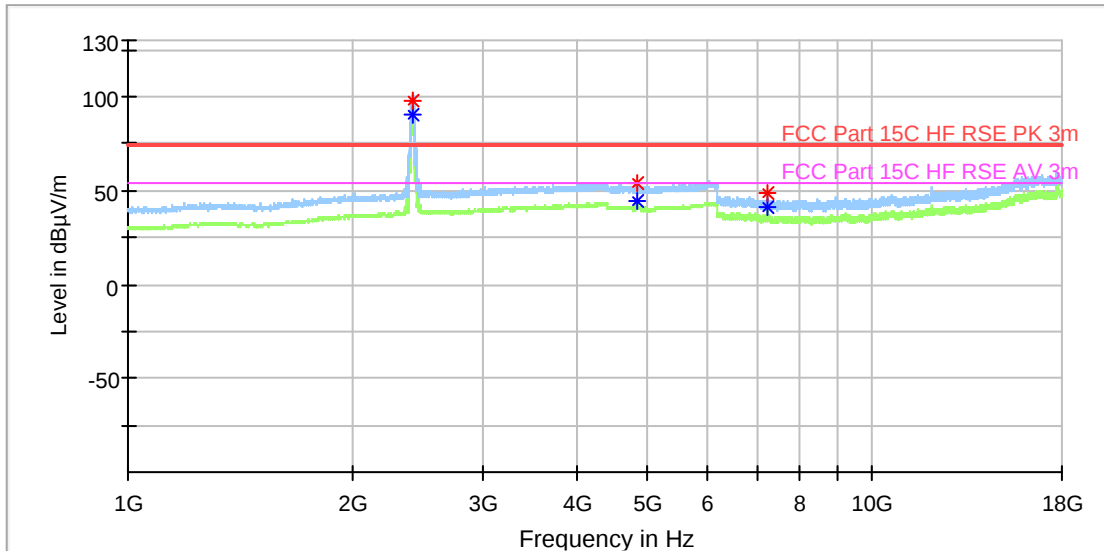
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19870.531250	---	36.01	54.00	17.99	100.0	V	59.0	-13.0
19870.531250	43.75	---	74.00	30.25	100.0	V	59.0	-13.0

Horizontal


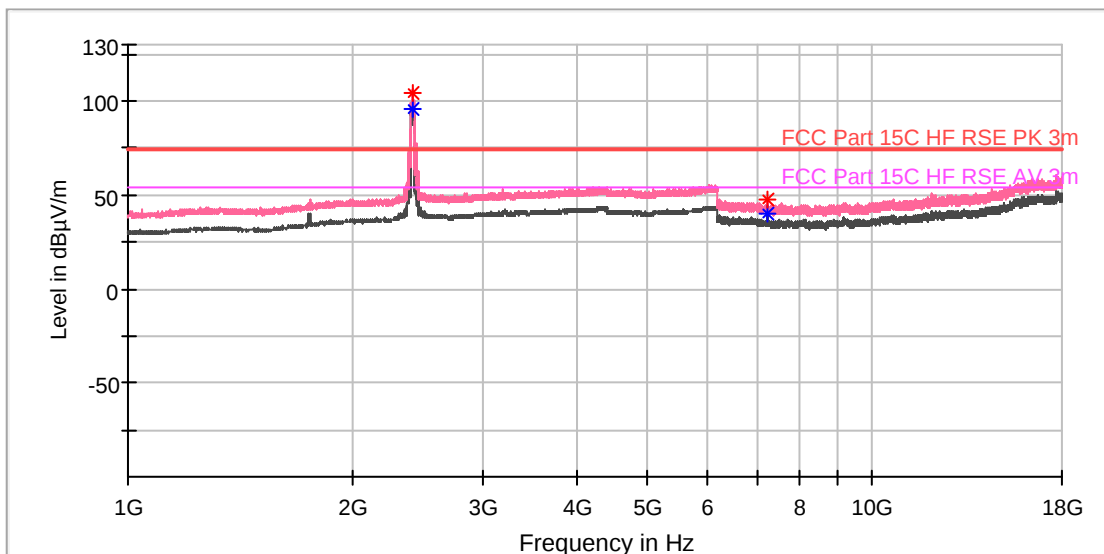
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.723529	53.21	---	74.00	20.79	100.0	H	147.0	7.0
2388.776471	---	42.10	54.00	11.90	100.0	H	147.0	7.0

Vertical


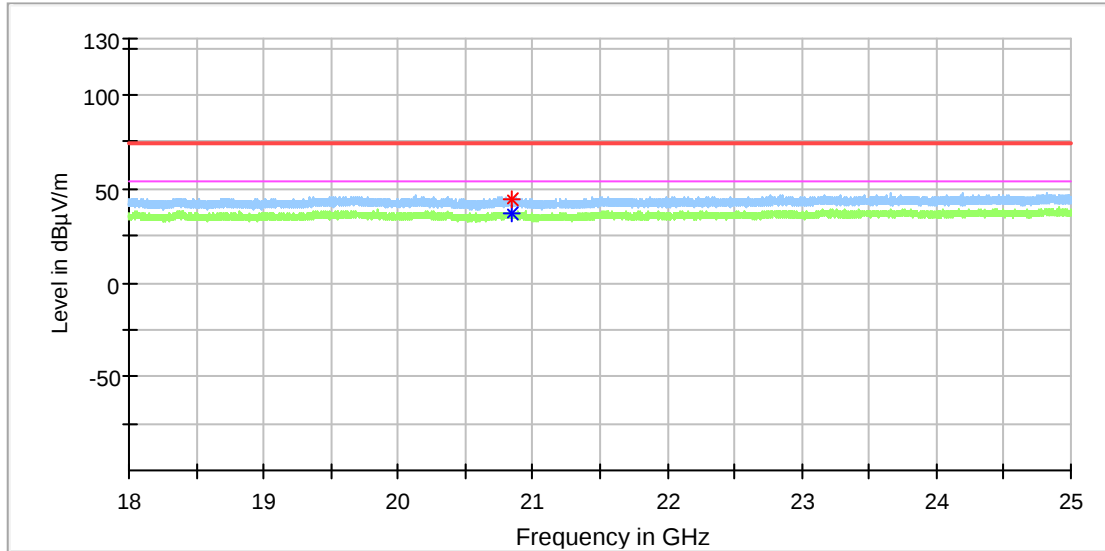
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2389.429412	57.23	---	74.00	16.77	100.0	V	159.0	7.0
2389.447059	---	46.72	54.00	7.28	100.0	V	159.0	7.0

802.11n (HT20)
Horizontal


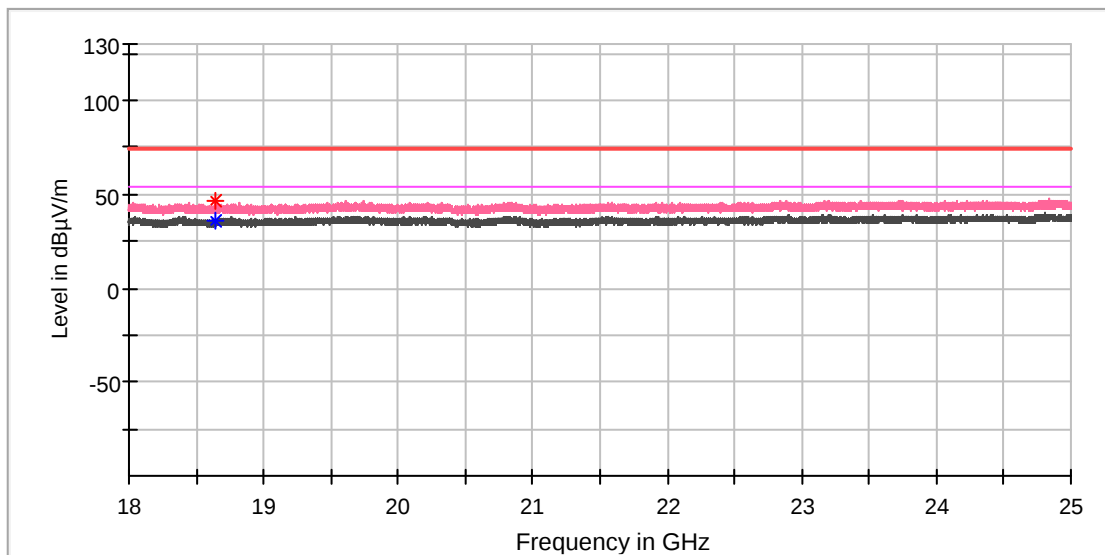
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2411.500000	98.22	---	74.00	-24.22	100.0	H	141.0	7.1
2412.500000	---	90.14	54.00	-36.14	100.0	H	193.0	7.1
4820.000000	---	44.63	54.00	9.37	100.0	H	166.0	13.5
4820.500000	54.06	---	74.00	19.94	100.0	H	166.0	13.5
7232.991667	---	40.90	54.00	13.10	100.0	H	168.0	8.6
7232.991667	48.20	---	74.00	25.80	100.0	H	168.0	8.6

Vertical


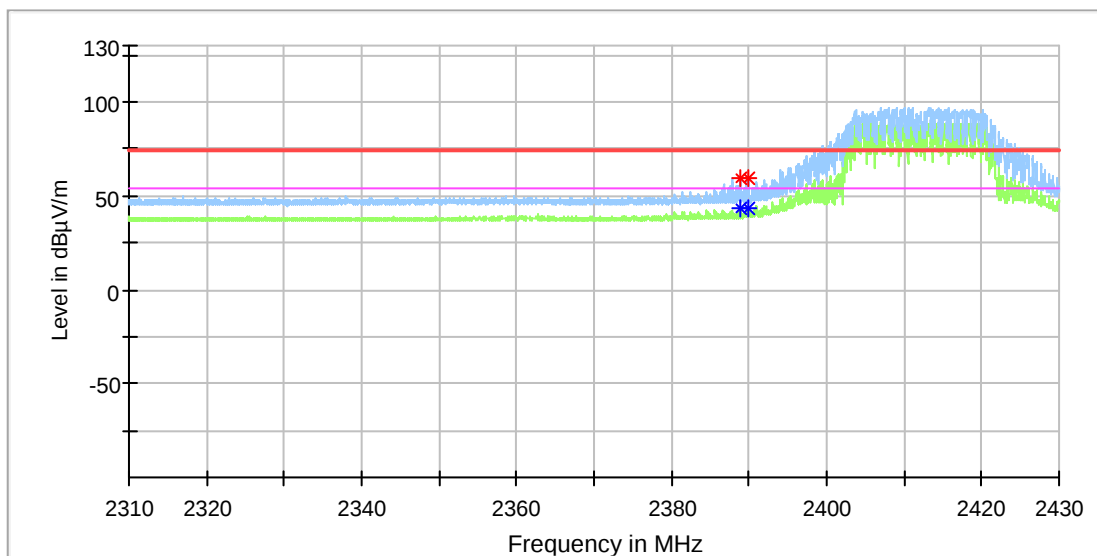
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2410.500000	---	96.07	54.00	-42.07	100.0	V	188.0	7.1
2411.000000	104.33	---	74.00	-30.33	100.0	V	188.0	7.1
7229.550000	47.61	---	74.00	26.39	100.0	V	217.0	8.6
7230.041667	---	40.19	54.00	13.81	100.0	V	217.0	8.6

Horizontal


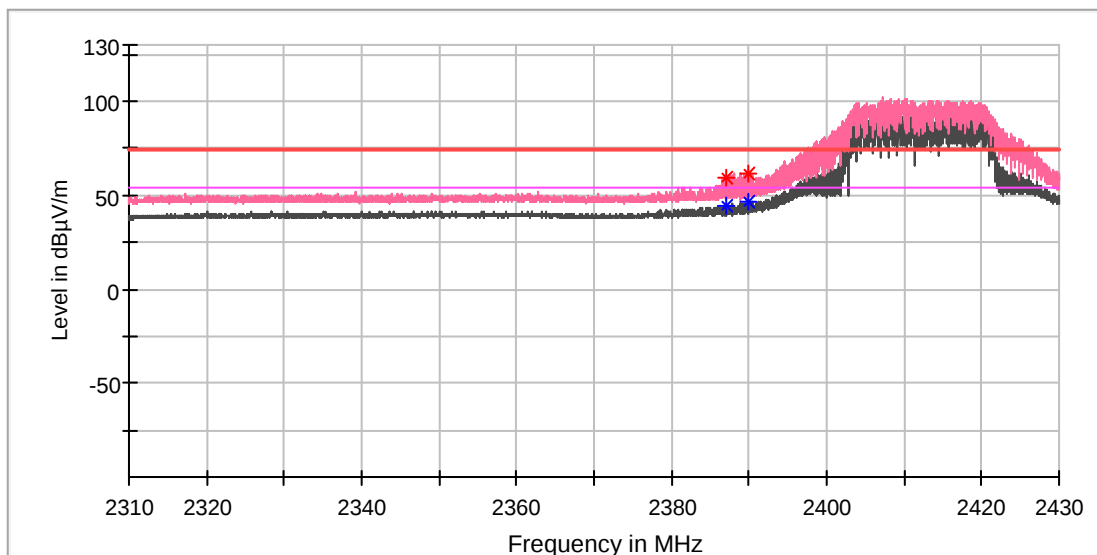
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20840.687500	---	36.42	54.00	17.58	100.0	H	203.0	-12.3
20840.687500	44.54	---	74.00	29.46	100.0	H	203.0	-12.3

Vertical


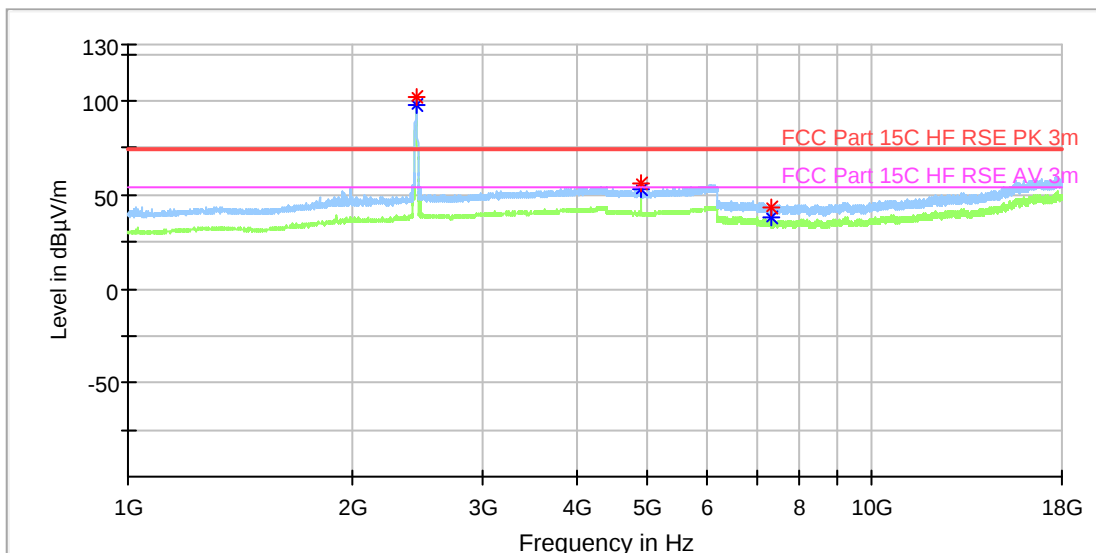
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
18636.562500	46.20	---	74.00	27.80	100.0	V	279.0	-13.4
18636.781250	---	36.33	54.00	17.67	100.0	V	55.0	-13.4

Horizontal


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2388.935294	---	43.10	54.00	10.90	100.0	H	193.0	7.0
2388.935294	59.60	---	74.00	14.40	100.0	H	193.0	7.0
2389.870588	---	43.30	54.00	10.70	100.0	H	141.0	7.0
2389.888235	59.12	---	74.00	14.88	100.0	H	141.0	7.0

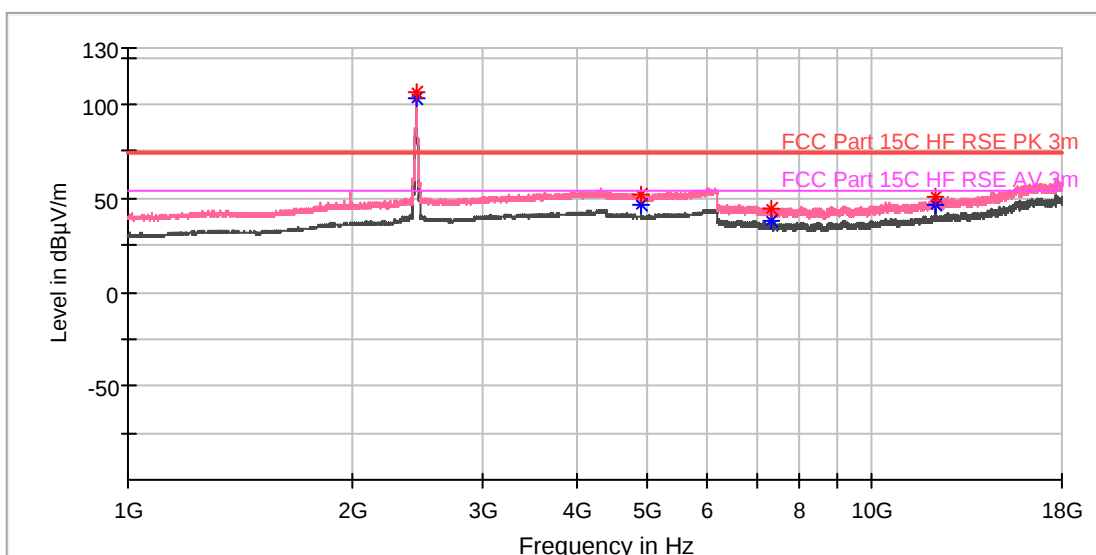
Vertical


Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2387.135294	59.43	---	74.00	14.57	100.0	V	160.0	7.0
2387.135294	---	44.92	54.00	9.08	100.0	V	160.0	7.0
2389.817647	61.07	---	74.00	12.93	100.0	V	197.0	7.0
2389.817647	---	46.66	54.00	7.34	100.0	V	197.0	7.0

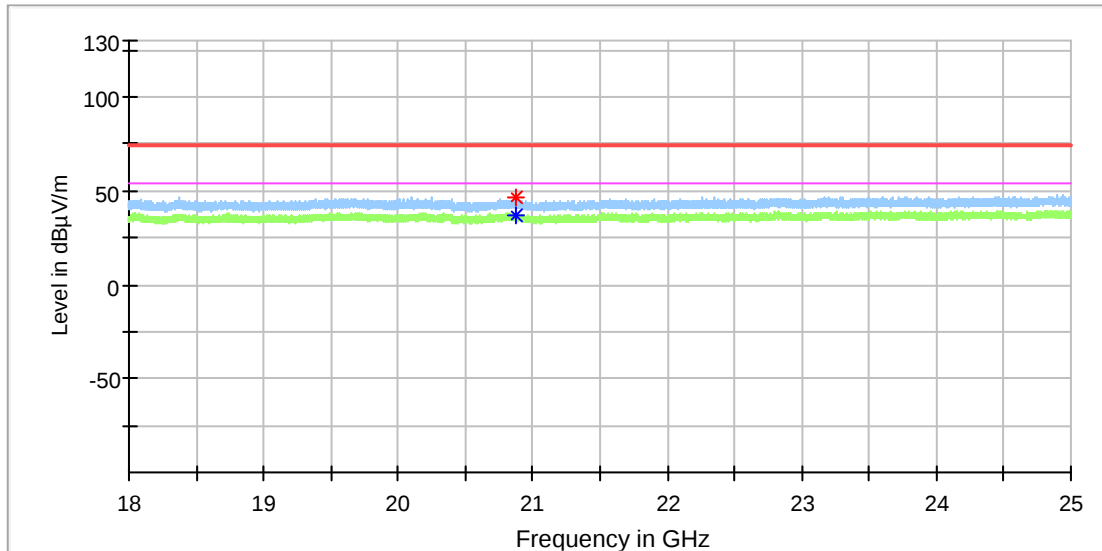
Mode A.2
802.11b
Horizontal


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2435.500000	---	97.95	54.00	-43.95	100.0	H	190.0	7.4
2435.500000	101.66	---	74.00	-27.66	100.0	H	190.0	7.4
4874.000000	---	52.92	54.00	1.08	100.0	H	177.0	13.4
4874.000000	56.40	---	74.00	17.60	100.0	H	177.0	13.4
7306.933333	43.86	---	74.00	30.14	100.0	H	118.0	8.2
7308.900000	---	38.25	54.00	15.75	100.0	H	172.0	8.1

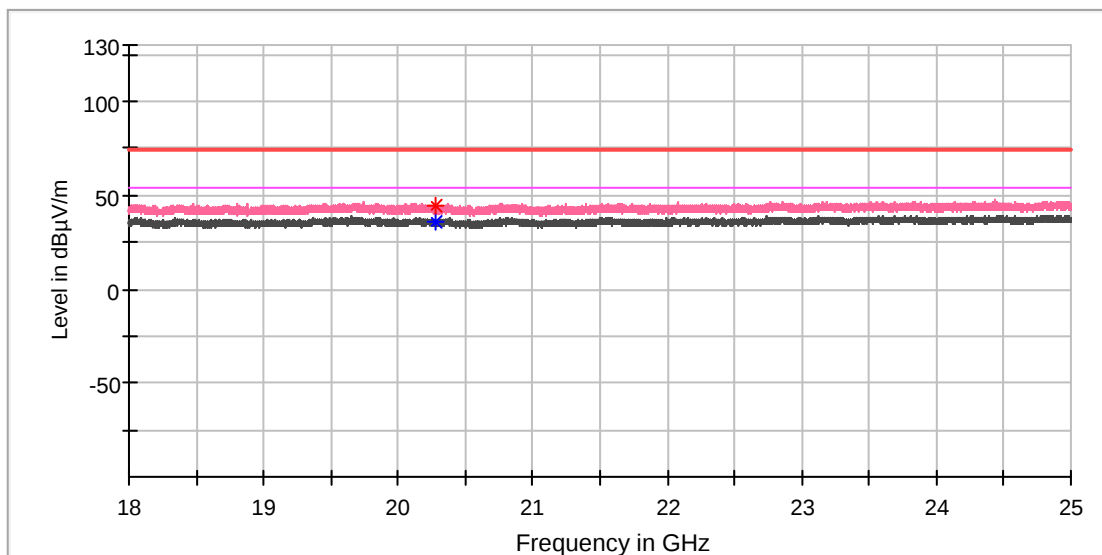
Vertical



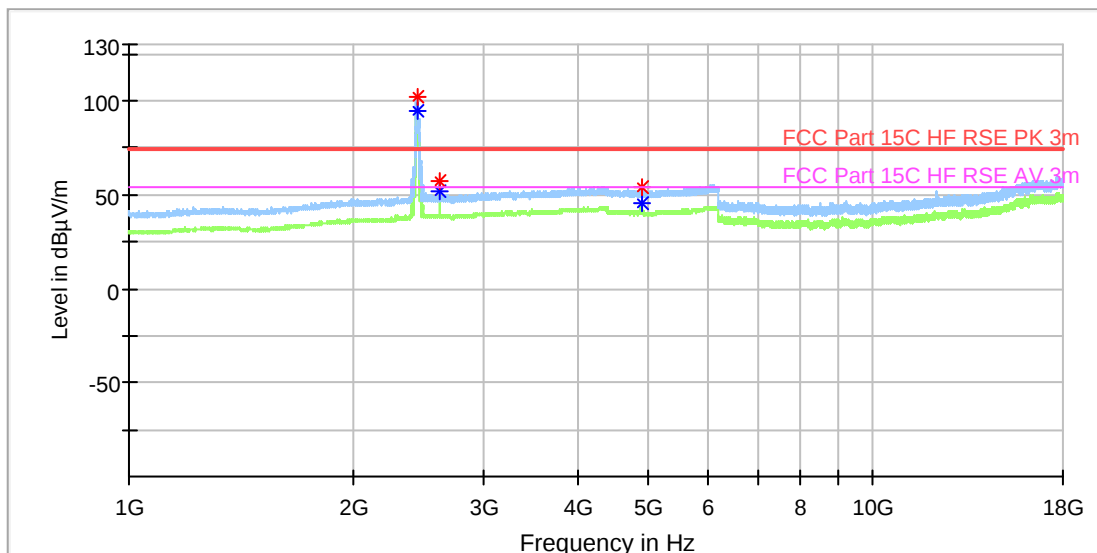
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2436.000000	---	102.82	54.00	-48.82	100.0	V	189.0	7.4
2436.000000	106.31	---	74.00	-32.31	100.0	V	189.0	7.4
4873.500000	52.39	---	74.00	21.61	100.0	V	171.0	13.4
4874.000000	---	46.79	54.00	7.21	100.0	V	219.0	13.4
7312.358333	---	38.44	54.00	15.56	100.0	V	151.0	8.1
7312.358333	44.00	---	74.00	30.00	100.0	V	151.0	8.1
12188.658333	---	46.74	54.00	7.26	100.0	V	137.0	14.7
12188.658333	51.20	---	74.00	22.80	100.0	V	137.0	14.7

Horizontal


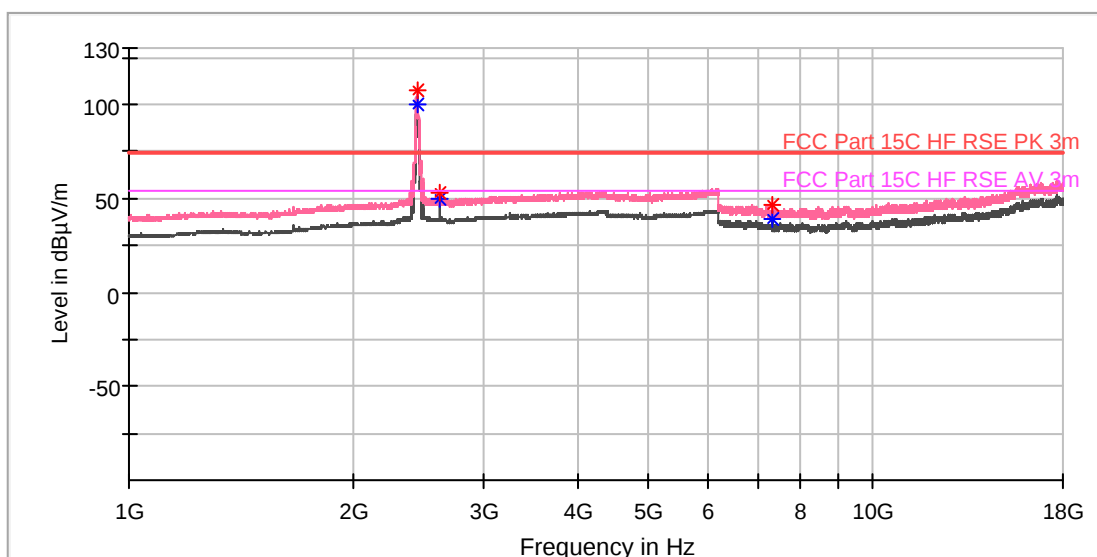
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20867.156250	---	37.44	54.00	16.56	100.0	H	0.0	-12.3
20868.031250	46.51	---	74.00	27.49	100.0	H	116.0	-12.3

Vertical


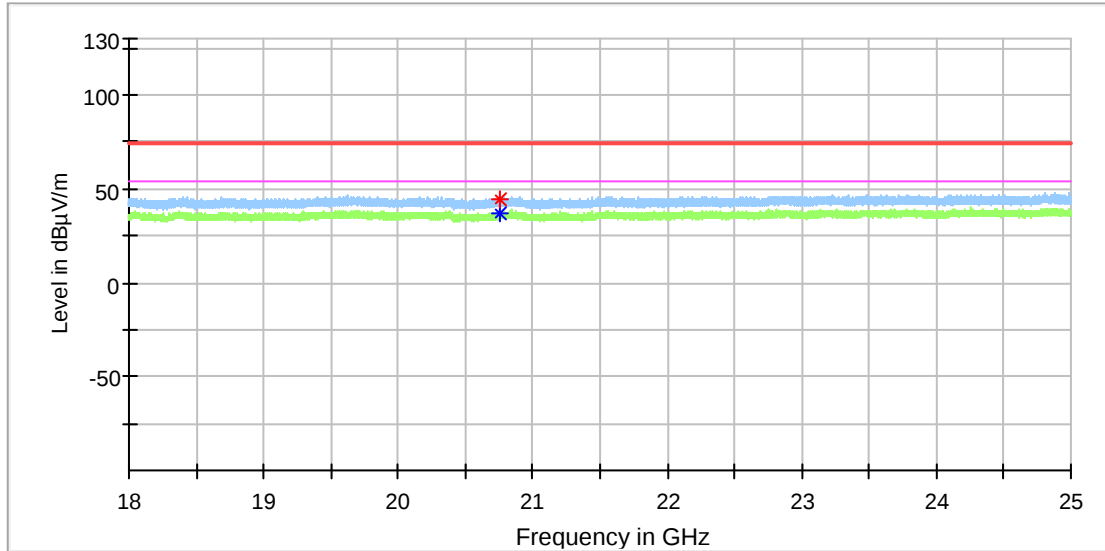
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20279.375000	---	35.41	54.00	18.59	100.0	V	146.0	-12.7
20279.375000	44.68	---	74.00	29.32	100.0	V	146.0	-12.7

802.11g
Horizontal


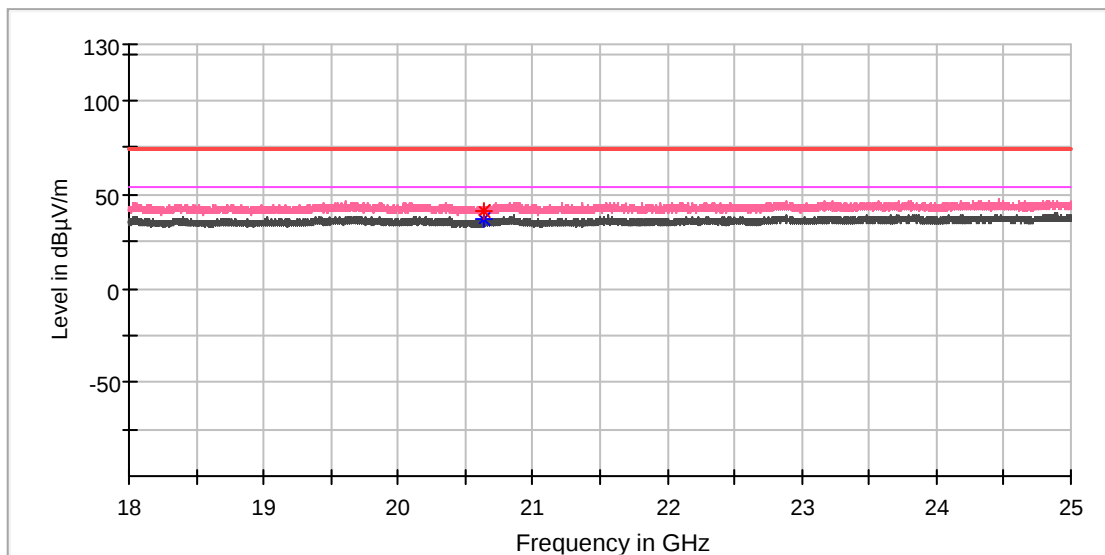
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2437.000000	---	94.79	54.00	-40.79	100.0	H	206.0	7.4
2437.500000	101.91	---	74.00	-27.91	100.0	H	206.0	7.4
2611.500000	---	52.13	54.00	1.87	100.0	H	340.0	7.5
2611.500000	57.17	---	74.00	16.83	100.0	H	340.0	7.5
4886.000000	---	44.97	54.00	9.03	100.0	H	171.0	13.3
4886.500000	53.86	---	74.00	20.14	100.0	H	171.0	13.3

Vertical


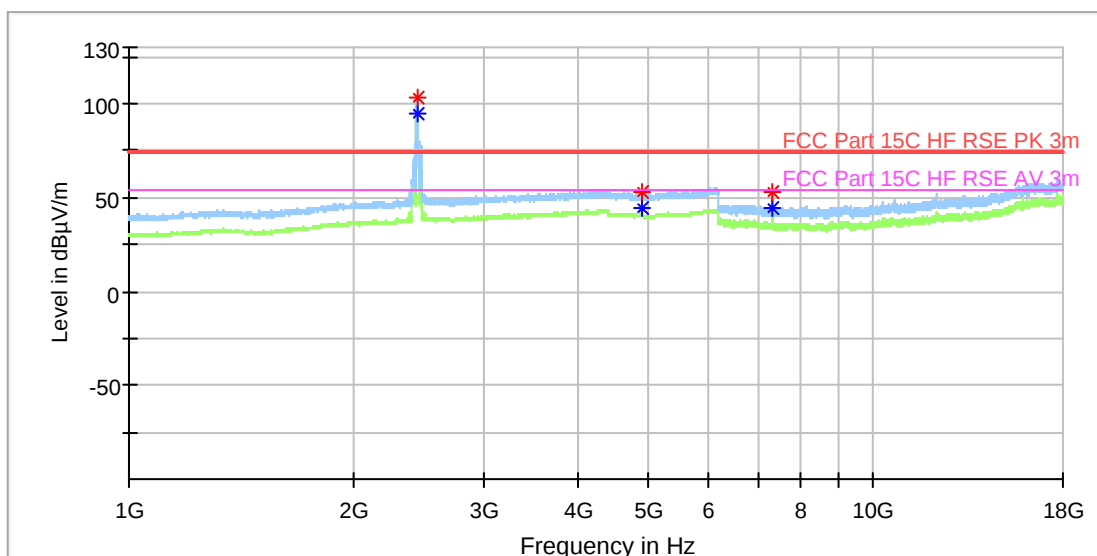
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2434.000000	---	99.83	54.00	-45.83	100.0	V	202.0	7.4
2434.500000	108.04	---	74.00	-34.04	100.0	V	202.0	7.4
2612.500000	---	50.05	54.00	3.95	100.0	V	275.0	7.4
2612.500000	53.32	---	74.00	20.68	100.0	V	275.0	7.4
7319.641667	---	38.78	54.00	15.22	100.0	V	184.0	8.2
7320.625000	47.07	---	74.00	26.93	100.0	V	169.0	8.2

Horizontal


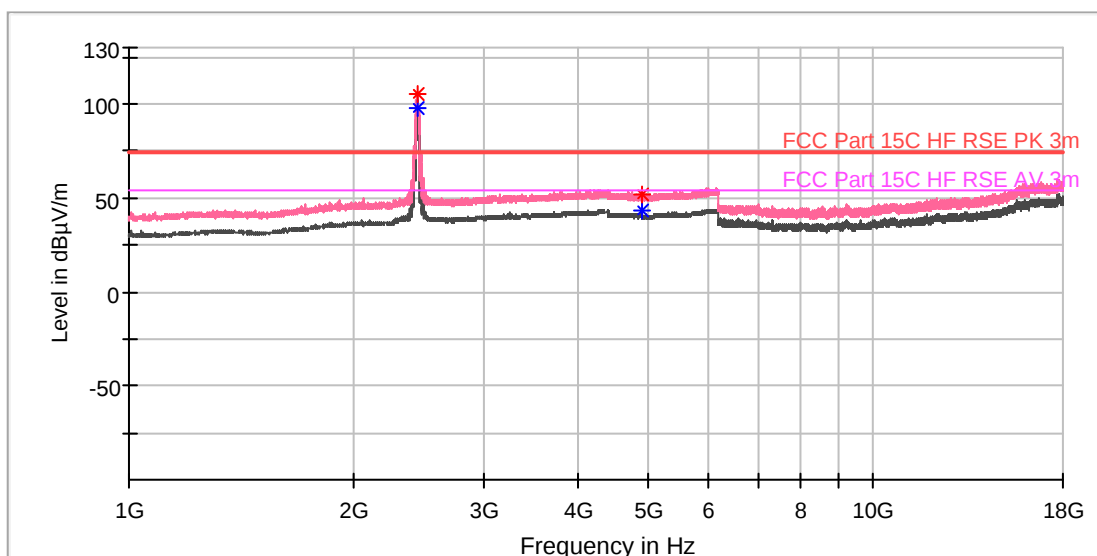
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20748.375000	---	37.04	54.00	16.96	100.0	H	130.0	-12.4
20748.375000	44.29	---	74.00	29.71	100.0	H	130.0	-12.4

Vertical


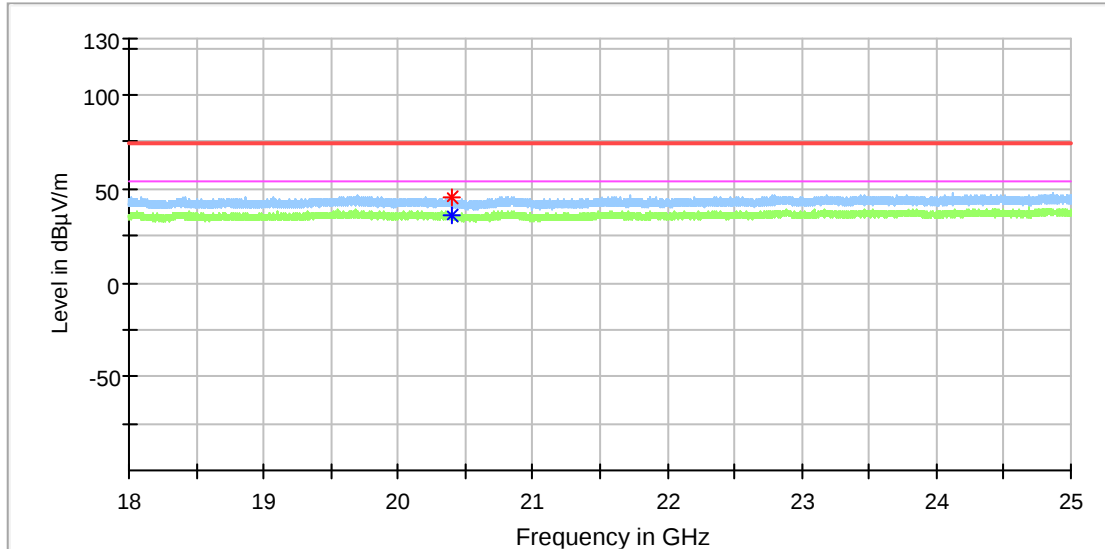
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20633.312500	41.01	---	74.00	32.99	100.0	V	44.0	-12.5
20633.312500	---	37.00	54.00	17.00	100.0	V	44.0	-12.5

802.11n (HT20)
 Horizontal


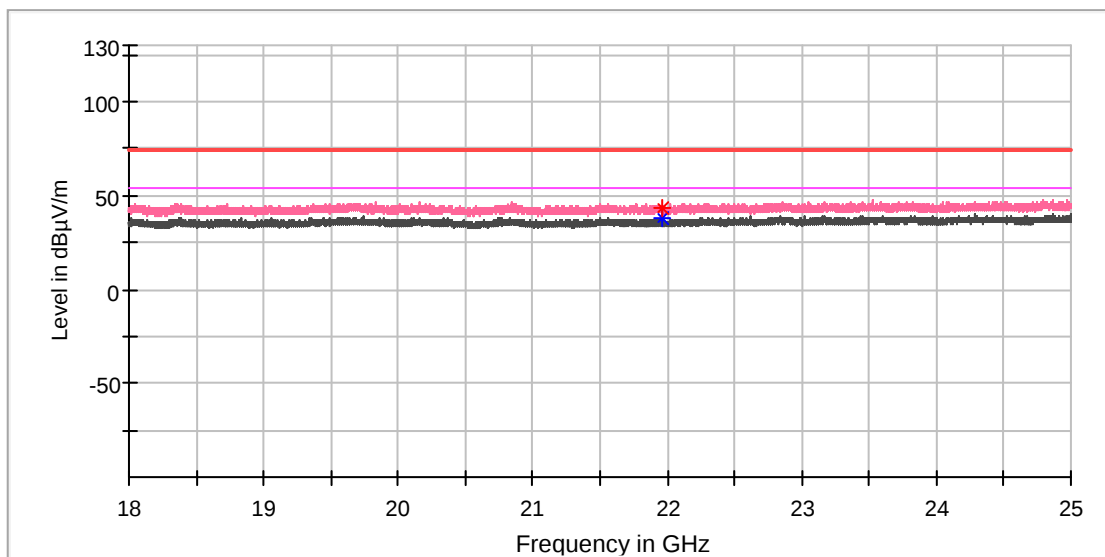
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2436.000000	103.55	---	74.00	-29.55	100.0	H	128.0	7.4
2436.500000	---	94.83	54.00	-40.83	100.0	H	128.0	7.4
4874.500000	53.21	---	74.00	20.79	100.0	H	132.0	13.3
4874.000000	---	44.49	54.00	9.51	100.0	H	185.0	13.3
7311.983333	---	44.36	54.00	9.64	100.0	H	221.0	8.2
7311.983333	53.50	---	74.00	20.50	100.0	H	221.0	8.2

Vertical


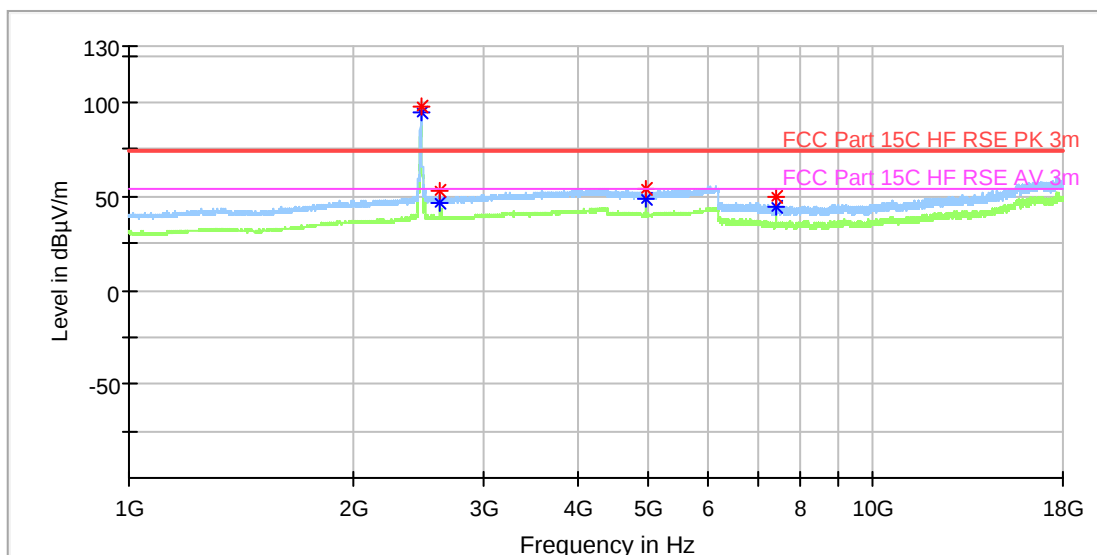
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2437.000000	105.47	---	74.00	-31.47	100.0	V	164.0	7.4
2437.000000	---	98.25	54.00	-44.25	100.0	V	220.0	7.4
4874.500000	---	42.83	54.00	11.17	100.0	V	199.0	13.3
4875.000000	51.45	---	74.00	22.55	100.0	V	199.0	13.3

Horizontal


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20395.093750	---	36.11	54.00	17.89	100.0	H	63.0	-12.7
20395.093750	45.32	---	74.00	28.68	100.0	H	63.0	-12.7

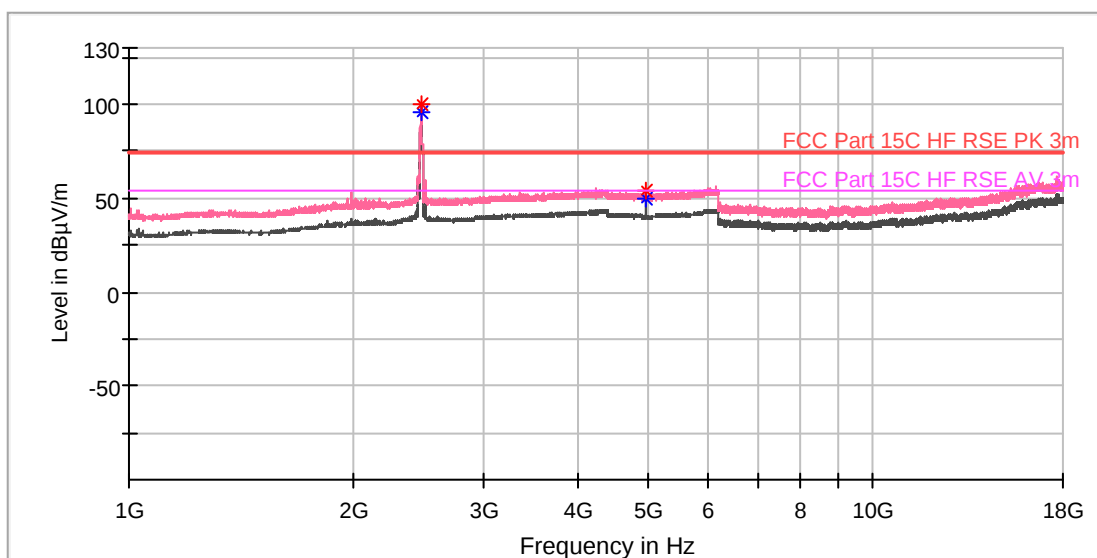
Vertical


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
21968.125000	43.15	---	74.00	30.85	100.0	V	123.0	-11.4
21968.125000	---	37.92	54.00	16.08	100.0	V	123.0	-11.4

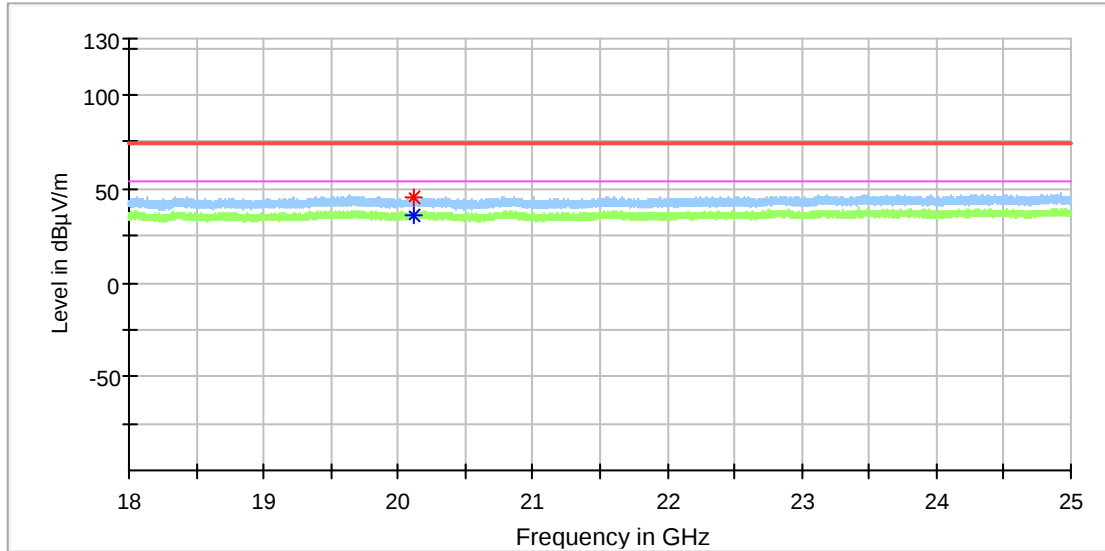
Mode A.3
 802.11b
 Horizontal


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2460.000000	---	94.52	54.00	-40.52	100.0	H	158.0	7.4
2460.500000	98.11	---	74.00	-24.11	100.0	H	158.0	7.4
2605.500000	---	46.40	54.00	7.60	100.0	H	157.0	7.4
2605.500000	53.29	---	74.00	20.71	100.0	H	157.0	7.4
4923.500000	54.26	---	74.00	19.74	100.0	H	83.0	13.2
4924.000000	---	48.88	54.00	5.12	100.0	H	217.0	13.2
7382.416667	49.27	---	74.00	24.73	100.0	H	221.0	8.3
7384.383333	---	44.40	54.00	9.60	100.0	H	221.0	8.3

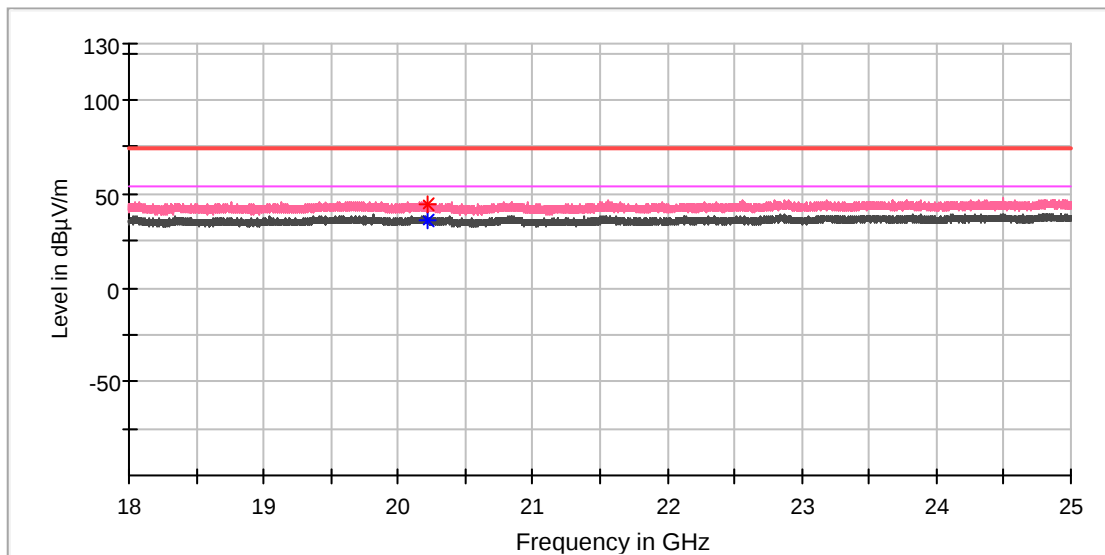
Vertical



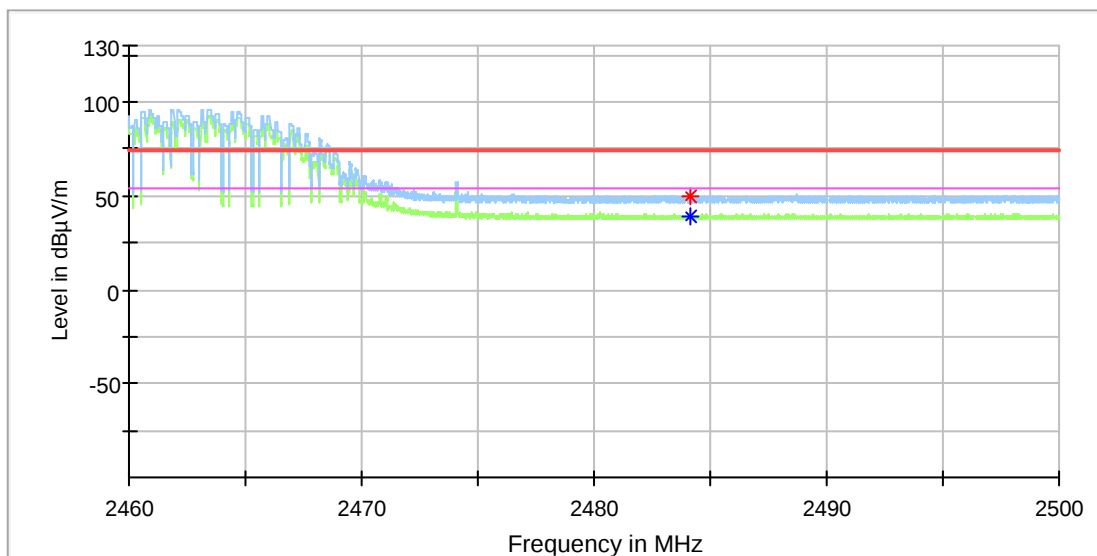
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2463.500000	100.33	---	74.00	-26.33	100.0	V	226.0	7.4
2464.000000	---	96.18	54.00	-42.18	100.0	V	226.0	7.4
4924.000000	---	49.53	54.00	4.47	100.0	V	48.0	13.2
4924.000000	54.49	---	74.00	19.51	100.0	V	48.0	13.2

Horizontal


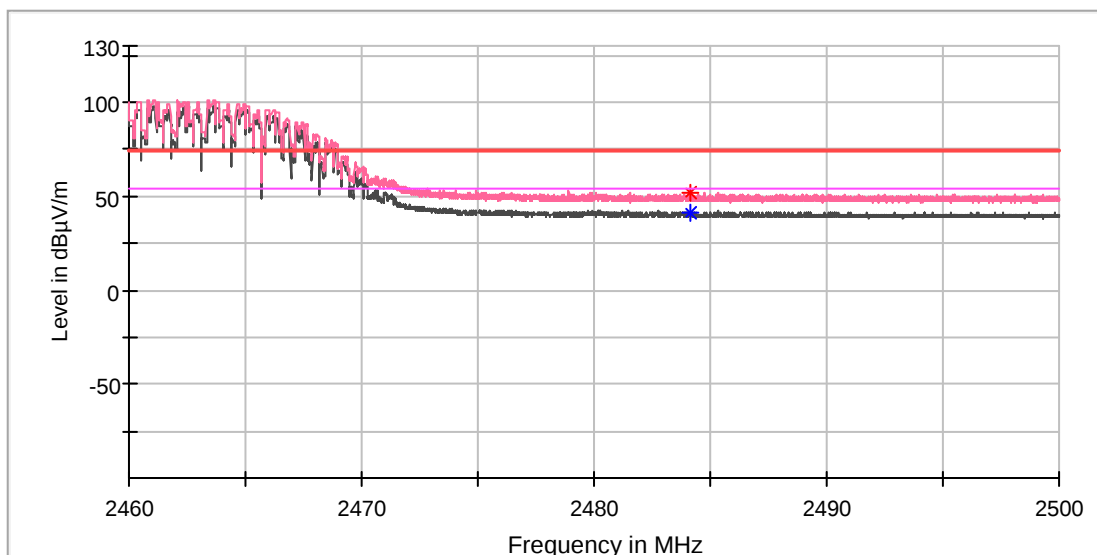
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20121.000000	45.41	---	74.00	28.59	100.0	H	0.0	-12.9
20121.218750	---	36.32	54.00	17.68	100.0	H	0.0	-12.9

Vertical


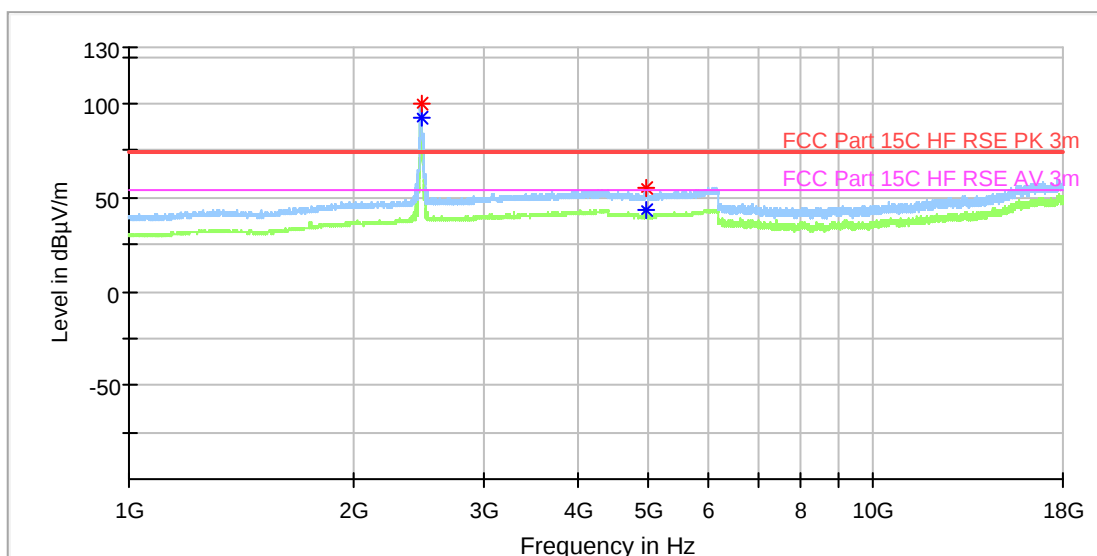
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20215.718750	---	36.05	54.00	17.95	100.0	V	93.0	-12.8
20215.937500	44.58	---	74.00	29.42	100.0	V	105.0	-12.8

Horizontal


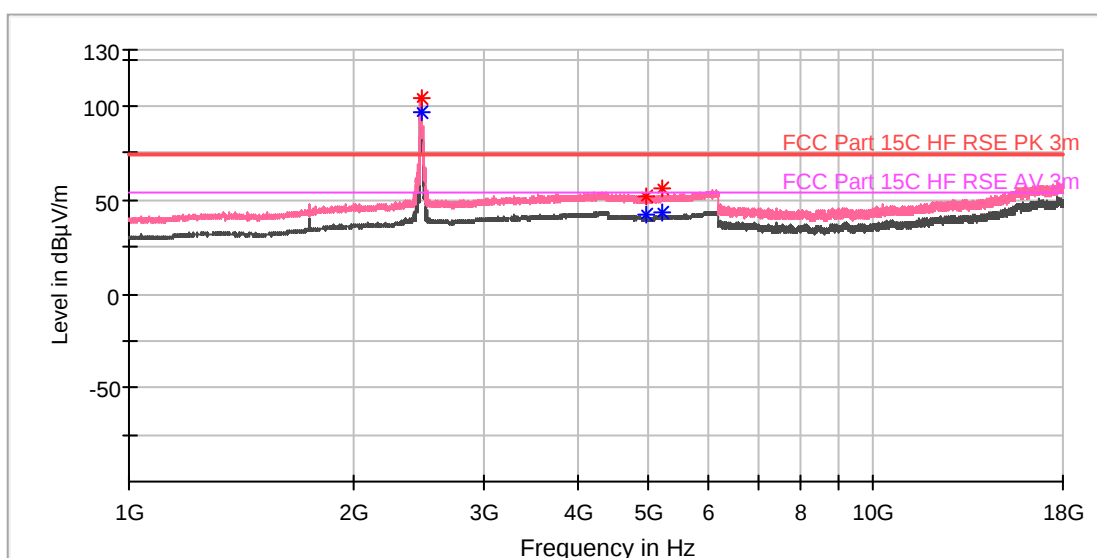
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.117647	49.53	---	74.00	24.47	100.0	H	204.0	7.4
2484.152941	---	39.05	54.00	14.95	100.0	H	152.0	7.4

Vertical


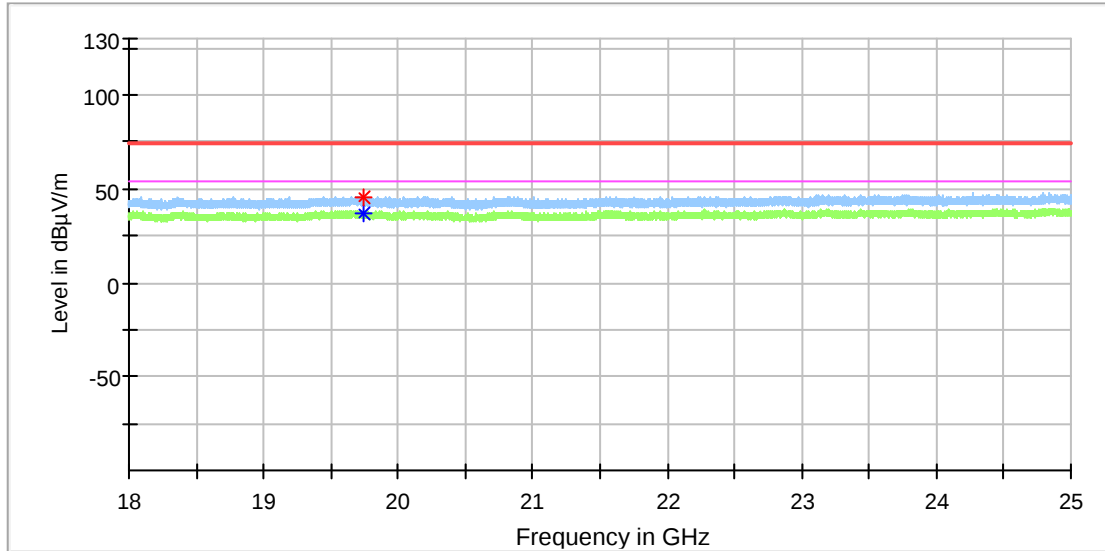
Frequency (MHz)	MaxPeak (dBμV/m)	Average (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.111765	51.68	---	74.00	22.32	100.0	V	209.0	7.4
2484.135294	---	40.80	54.00	13.20	100.0	V	188.0	7.4

802.11g
Horizontal


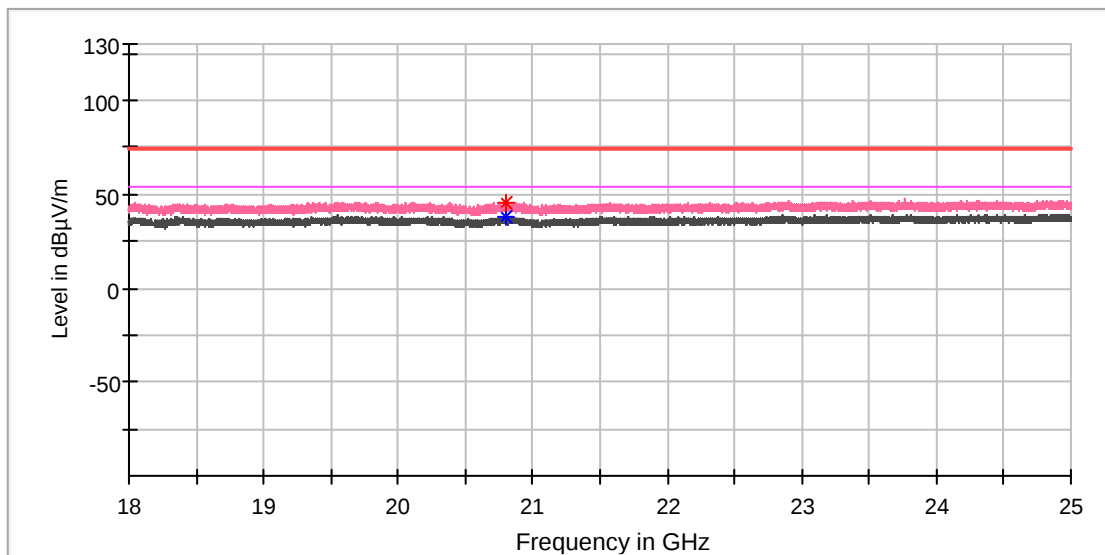
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2464.500000	100.32	---	74.00	-26.32	100.0	H	206.0	7.4
2465.500000	---	92.82	54.00	-38.82	100.0	H	206.0	7.4
4928.500000	---	43.78	54.00	10.22	100.0	H	149.0	13.3
4929.500000	54.76	---	74.00	19.24	100.0	H	165.0	13.3

Vertical


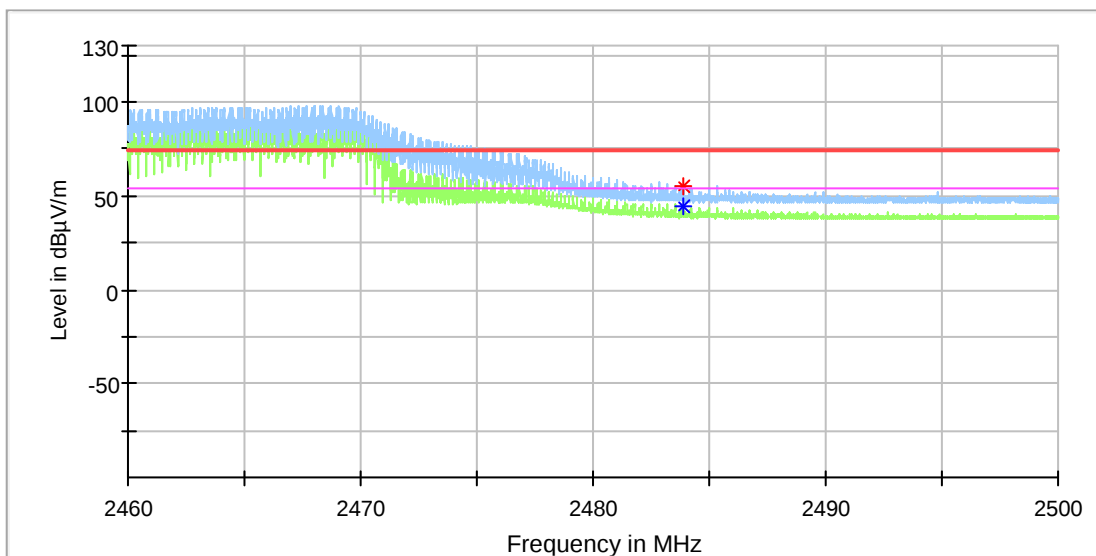
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2460.000000	---	96.38	54.00	-42.38	100.0	V	195.0	7.4
2460.500000	104.48	---	74.00	-30.48	100.0	V	195.0	7.4
4919.500000	---	42.65	54.00	11.35	100.0	V	142.0	13.3
4920.500000	52.30	---	74.00	21.70	100.0	V	211.0	13.3
5200.000000	---	43.39	54.00	10.61	100.0	V	88.0	13.9
5200.000000	56.53	---	74.00	17.47	100.0	V	88.0	13.9

Horizontal


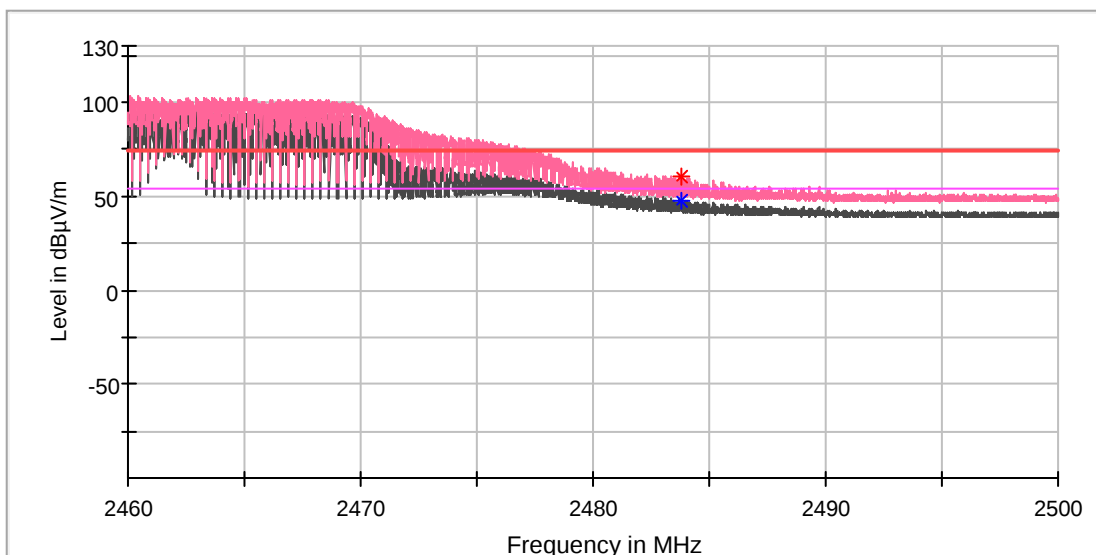
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
19735.125000	---	37.08	54.00	16.92	100.0	H	129.0	-13.0
19735.125000	45.79	---	74.00	28.21	100.0	H	129.0	-13.0

Vertical


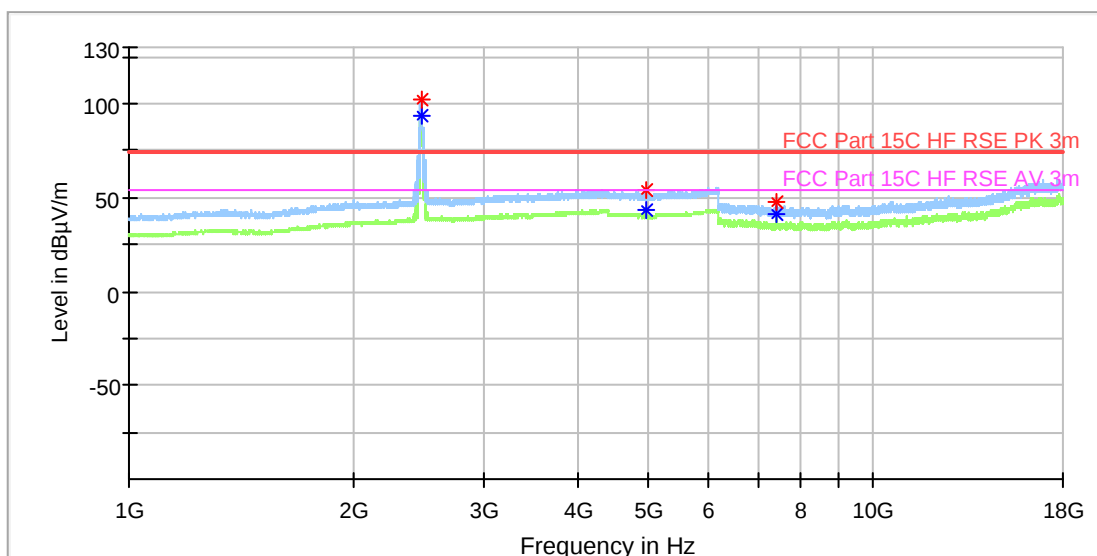
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
20801.531250	45.36	---	74.00	28.64	100.0	V	257.0	-12.4
20801.531250	---	38.03	54.00	15.97	100.0	V	257.0	-12.4

Horizontal


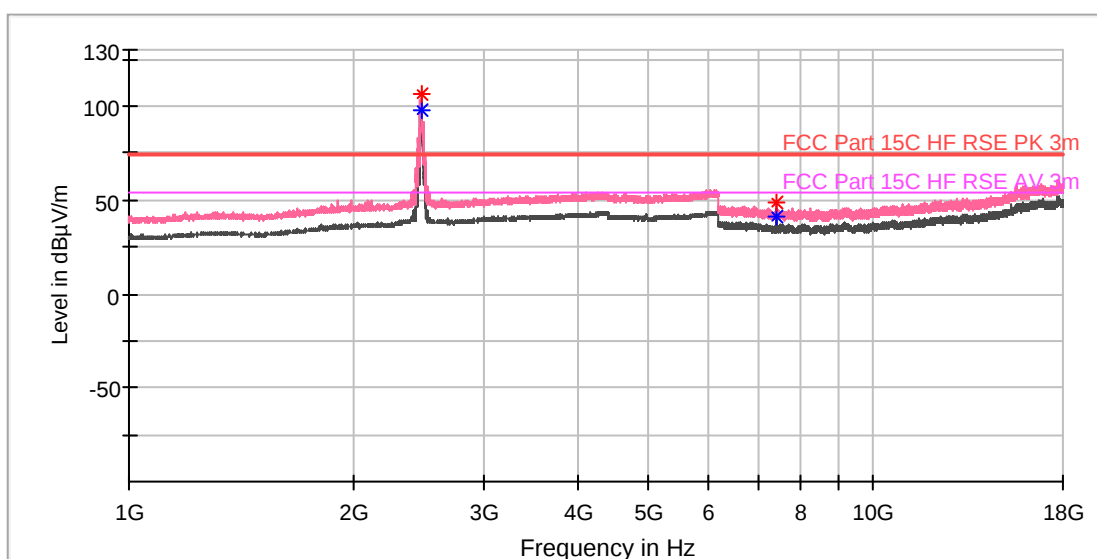
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.882353	54.90	---	74.00	19.10	100.0	H	209.0	7.4
2483.905882	---	44.07	54.00	9.93	100.0	H	209.0	7.4

Vertical


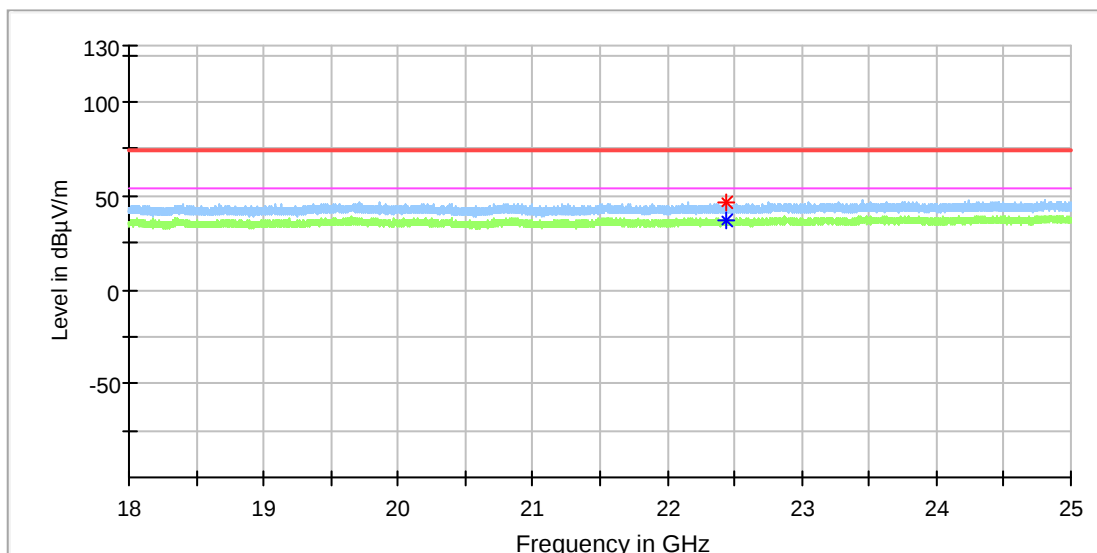
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.776471	60.74	---	74.00	13.26	100.0	V	196.0	7.4
2483.788235	---	47.39	54.00	6.61	100.0	V	196.0	7.4

802.11n (HT20)
Horizontal


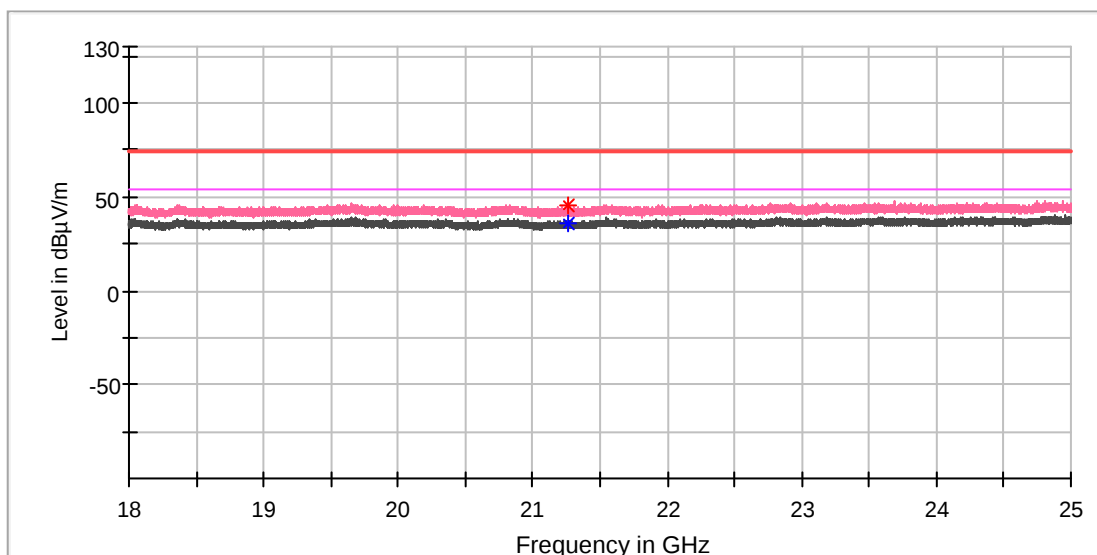
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2462.000000	---	94.10	54.00	-40.10	100.0	H	215.0	7.4
2462.500000	102.01	---	74.00	-28.01	100.0	H	215.0	7.4
4925.000000	---	43.72	54.00	10.28	100.0	H	199.0	13.2
4925.000000	54.27	---	74.00	19.73	100.0	H	199.0	13.2
7386.316667	---	41.28	54.00	12.72	100.0	H	213.0	8.4
7388.283333	48.10	---	74.00	25.90	100.0	H	213.0	8.4

Vertical


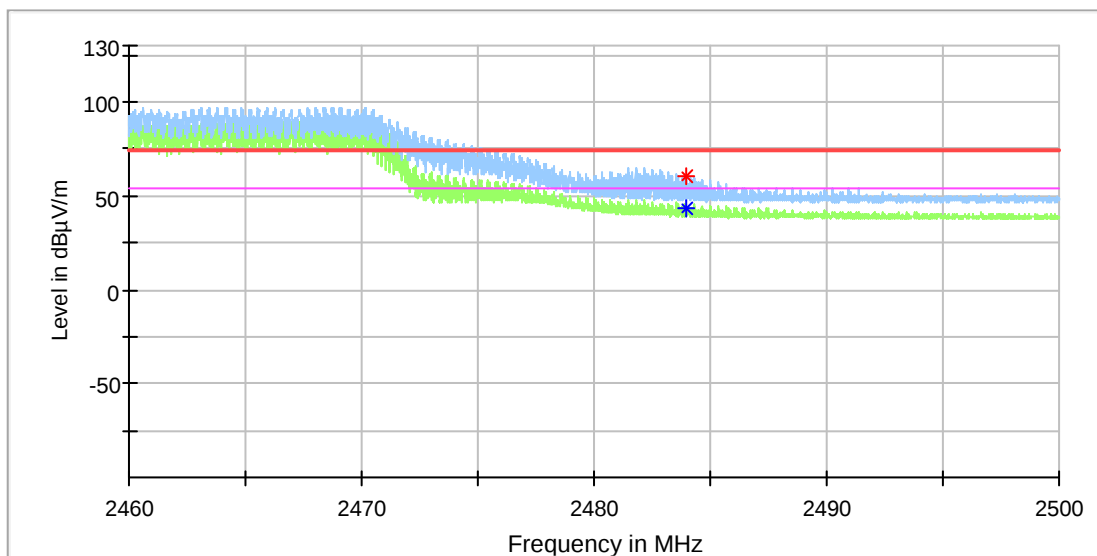
Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2462.500000	---	97.92	54.00	-43.92	100.0	V	205.0	7.4
2462.500000	106.90	---	74.00	-32.90	100.0	V	205.0	7.4
7386.466667	49.17	---	74.00	24.83	100.0	V	125.0	8.3
7387.941667	---	41.65	54.00	12.35	100.0	V	125.0	8.3

Horizontal


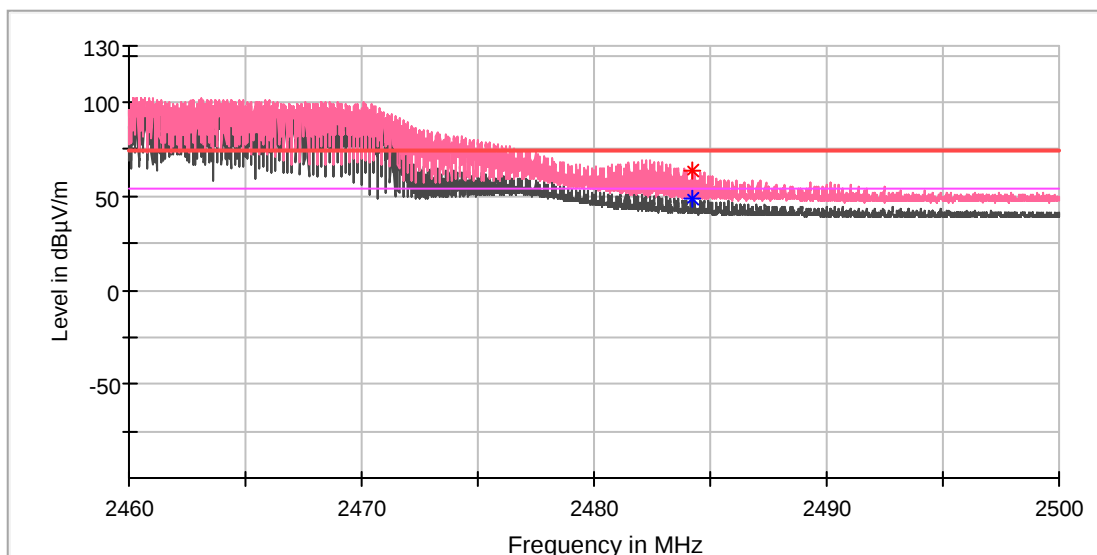
Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
22443.687500	---	36.86	54.00	17.14	100.0	H	0.0	-11.1
22443.687500	46.65	---	74.00	27.35	100.0	H	0.0	-11.1

Vertical


Frequency (MHz)	MaxPeak (dBµV/m)	Average (dBµV/m)	Limit (dBµV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
21254.781250	---	35.41	54.00	18.59	100.0	V	1.0	-11.9
21254.781250	45.23	---	74.00	28.77	100.0	V	1.0	-11.9

Horizontal


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2483.958824	---	43.49	54.00	10.51	100.0	H	211.0	7.4
2483.964706	59.95	---	74.00	14.05	100.0	H	211.0	7.4

Vertical


Frequency (MHz)	MaxPeak (dBuV/m)	Average (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Height (cm)	Pol	Azimuth (deg)	Corr. (dB/m)
2484.182353	---	48.29	54.00	5.71	100.0	V	203.0	7.4
2484.200000	63.45	---	74.00	10.55	100.0	V	203.0	7.4