FCC TEST REPORT

For

LTE Digital Mobile Phone

Model Number: NX629J

FCC ID: 2AHJO-NX629J

Report Number : WT198004686

Test Laboratory	:	Shenzhen Academy of Metrology and Quality Inspection
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TEST REPORT DECLARATION

Applicant	:	Nubia Technology Co., Ltd.
Address	:	10/F, Tower A, Hans Innovation Mansion, North Ring Rd., No.9018,High-Tech Park, Nanshan District, Shenzhen, China.
Manufacturer	:	Nubia Technology Co., Ltd.
Address	:	10/F, Tower A, Hans Innovation Mansion, North Ring Rd., No.9018,High-Tech Park, Nanshan District, Shenzhen, China.
EUT Description	:	LTE Digital Mobile Phone
Model No	:	NX629J
Trade mark	:	nubia
Serial Number	:	/
FCC ID	:	2AHJO-NX629J

Test Standards:

FCC Part 15 15.209, 15.407 (2018)

The EUT described above is tested by Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory to determine the maximum emissions from the EUT. Shenzhen Academy of Metrology and Quality Inspection EMC Laboratory is assumed full responsibility for the accuracy of the test results. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.10 (2013) and the energy emitted by the sample EUT tested as described in this report is in compliance with FCC Rules Part 15.209, 15.407.
The test report is valid for above tested sample only and shall not be reproduced in part without written approval of the laboratory.

Project Engineer:	(Chen Silin 陈司林)	Date:	Sep.03, 2019
Checked by:	(Lin Yixiang 林奕翔)	Date:	Sep.03, 2019
Approved by:	(Lin Bin 林斌)	Date:	Sep.03, 2019

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1. TEST RESULTS SUMMARY

Table 1 Test Results Summary

Test Items	FCC Rules	Test Results
Radiated Bandedge and Spurious	15.407 (b)& 15.209 15.205	Pass

Remark: “N/A” means “Not applicable.”

2. GENERAL INFORMATION

2.1. Report information

This report is not a certificate of quality; it only applies to the sample of the specific product/equipment given at the time of its testing. The results are not used to indicate or imply that they are application to the similar items. In addition, such results must not be used to indicate or imply that SMQ approves recommends or endorses the manufacture, supplier or use of such product/equipment, or that SMQ in any way guarantees the later performance of the product/equipment.

The sample/s mentioned in this report is/are supplied by Applicant, SMQ therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture or any information supplied.

Additional copies of the report are available to the Applicant at an additional fee. No third part can obtain a copy of this report through SMQ, unless the applicant has authorized SMQ in writing to do so.

2.2. Laboratory Accreditation and Relationship to Customer

The testing report were performed by the Shenzhen Academy of Metrology and quality Inspection EMC Laboratory (Guangdong EMC compliance testing center), in their facilities located at NETC Building, No.4 Tongfa Rd., Xili, Nanshan, Shenzhen, China. At the time of testing, Laboratory is accredited by the following organizations:

China National Accreditation Service for Conformity Assessment (CNAS) accredits the Laboratory for conformance to FCC standards, EMC international standards and EN standards. The Registration Number is CNAS L0579.

The Laboratory is Accredited Testing Laboratory of FCC with Designation number CN1165 and Site registration number 582918.

The Laboratory is registered to perform emission tests with Innovation, Science and Economic Development (ISED), and the registration number is 11177A.

2.3. Measurement Uncertainty

Radiated Emission
30MHz~1000MHz 4.5dB
1GHz~26.5GHz 4.6dB
26.5GHz~40GHz 4.6dB

3. PRODUCT DESCRIPTION

3.1. EUT Description

Description	:	LTE Digital Mobile Phone
Manufacturer	:	Nubia Technology Co., Ltd.
Model Number	:	NX629J
Modulation	:	OFDM:BPSK/QPSK/16QAM/64QAM 256QAM for OFDM in 11ac mode only
Operate Frequency	:	U-NII 1(5150~5250MHz) U-NII 2A(5250~5350MHz) U-NII 2C(5470~5725MHz) U-NII 3(5725~5850MHz)
Antenna Type	:	Internal antenna
Antenna Gain	:	Antenna(0): 1.0dBi Antenna(1): 1.0dBi

Remark: This is a derivative report based on original reports SET2019-02850. The model NX629J changes the Air Inlet, and the APP processor chip is changed from qualcomm 855 to qualcomm 855 pro. All other parts of the product, including the circuit theory, electrical design and the Critical Components are the same .Considering above changes, full test are performed of RSE in this report.

WiFi:

Table 2 Working Frequency List U-NII 1 (802.11a, 802.11n HT20, 802.11ac VHT20)

Channel	Frequency	Channel	Frequency
36	5180MHz	44	5220MHz
40	5200MHz	48	5240MHz

Table 3 Working Frequency List U-NII 1(802.11n HT40, 802.11ac VHT40)

Channel	Frequency	Channel	Frequency
38	5190MHz	46	5230MHz

Table 4 Working Frequency List U-NII 1(802.11ac VHT80)

Channel	Frequency
42	5210MHz

Table 5 Working Frequency List U-NII 2A (802.11a, 802.11n HT20, 802.11ac VHT20)

Channel	Frequency	Channel	Frequency
52	5260MHz	60	5300MHz
56	5280MHz	64	5320MHz

Table 6 Working Frequency List U-NII 2A (802.11n HT40, 802.11ac VHT40)

Channel	Frequency	Channel	Frequency
54	5280MHz	62	5310MHz

Table 7 Working Frequency List U-NII 2A (802.11ac VHT80)

Channel	Frequency
58	5290MHz

Table 8 Working Frequency List U-NII 2C (802.11a, 802.11n HT20, 802.11ac VHT20)

Channel	Frequency	Channel	Frequency
100	5500 MHz	124	5620 MHz
104	5520 MHz	128	5640 MHz
108	5540 MHz	132	5660 MHz
112	5560 MHz	136	5680 MHz
116	5580 MHz	140	5700 MHz
120	5600	--	--

Table 9 Working Frequency List U-NII 2C (802.11n HT40, 802.11ac VHT40)

Channel	Frequency	Channel	Frequency
102	5510 MHz	126	5630 MHz
110	5550 MHz	134	5670 MHz
118	5590 MHz	--	--

Table 10 Working Frequency List U-NII 2C (802.11ac VHT80)

Channel	Frequency
106	5530 MHz

Table 11 Working Frequency List U-NII 3 (802.11a, 802.11n HT20, 802.11ac VHT20)

Channel	Frequency	Channel	Frequency
149	5745MHz	161	5805MHz
153	5765MHz	165	5825MHz
157	5785MHz	---	---

Table 12 Working Frequency List U-NII 3 (802.11n HT40, 802.11ac VHT40)

Channel	Frequency	Channel	Frequency
151	5755MHz	159	5795MHz

Table 13 Working Frequency List U-NII 3 (802.11ac VHT80)

Channel	Frequency
155	5775MHz

3.2. Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: **2AHJO-NX629J** filing to comply with Section 15.209,15.407 of the FCC Part 15, Subpart C Rules.

3.3. Block Diagram of EUT Configuration

Figure 1 EUT setup

3.4. Operating Condition of EUT

The Radiated spurious emission measurements were carried out in semi-anechoic chamber with 3-meter test range, and EUT is rotated on three test planes to find out the worst emission (X plane).
Worst-case mode and channel used for 30-1000 MHz radiated and power line conducted emissions was the mode and channel with the highest output power.
Worst-case data rates as provided by the client were:
802.11b mode: 1 Mbps
802.11g mode: 6 Mbps
802.11n HT20 mode: MCS0
802.11n HT40 mode: MCS0
802.11a operates in SISO mode. For SISO conducted measurements, the modes tested in this report will be considered as a worst case mode.
802.11n and 802.11ac operate in MIMO mode. For MIMO conducted measurements, the modes tested in this report will be considered as a worst case mode.
The EUT support a WIFI MIMO function.

Antenna	Single(TX)	Two(TX)
IEEE 802.11a	support	No support
IEEE 802.11n HT20	support	support
IEEE 802.11n HT40	support	support
IEEE 802.11ac VHT20	support	support
IEEE 802.11ac VHT40	support	support
IEEE 802.11ac VHT80	support	support

3.5. Directional Antenna Gain

Directional gain need NOT to be considered.

3.6. Support Equipment List

Table 14 Support Equipment List

Name	Model No	S/N	Manufacturer
Adapter for EUT	CYNBY090200-A00	--	JIANGSU CHENYANG ELECTRON Co.,LTD

3.7. Test Conditions

Date of test：Aug.26, 2019 - Aug.31, 2019
Date of EUT Receive：Aug.20, 2019
Temperature: 20 ~ 22 ℃
Relative Humidity: 47-52%

3.8. Special Accessories

Not available for this EUT intended for grant.

3.9. Equipment Modifications

Not available for this EUT intended for grant.

4. TEST EQUIPMENT USED

Table 15 Test Equipment

No.	Equipment	Manufacturer	Model No.	Last Cal.	Cal. Interval
SB9054/04	EMI Test Receiver	Rohde & Schwarz	ESU8	Sep.03, 2018	1 Year
SB8501/09	EMI Test Receiver	Rohde & Schwarz	ESU40	Mar.11, 2019	1 Year
SB8501/04	Bilog Antenna	Schwarzbeck	VULB9163	Jun.01, 2019	1 Year
SB5472/02	Bilog Antenna	Schwarzbeck	VULB9163	Jun.01, 2019	1 Year
SB3435	Horn Antenna	Rohde & Schwarz	HF906	Jan.01, 2018	1 Year
SB8501/11	Horn Antenna	ETS-Lindgren	3160-09	Jan.21,2017	3 Years
SB8501/12	Horn Antenna	ETS-Lindgren	3160-10	Jan.21,2017	3 Years
SB12724/11	Loop Antenna	Rohde & Schwarz	HFH2-Z2	Jun.26, 2019	1 Year
SB8501/17	Preamplifier	Rohde & Schwarz	SCU-18	Feb.20, 2019	1 Year
SB8501/16	Preamplifier	Rohde & Schwarz	SCU-26	Feb.18, 2019	1 Year
SB9059	Preamplifier	Rohde & Schwarz	SCU-40	Aug.27, 2019	1 Year
SB8501/14	Preamplifier	Rohde & Schwarz	SCU-03	Feb.20, 2019	1 Year
--	Radiated Test Software	Rohde & Schwarz	EMC 32 8.50.0	--	--

5. RADIATED BANDEDGE AND SPURIOUS MEASUREMENT

5.1. LIMITS OF Radiated Bandedge and Spurious Measurement

FCC Part 15.205 and 15.209

Frequency Range (MHz)	Field Strength Limit (uV/m) at 3 m	Field Strength Limit (dBuV/m) at 3 m
30 - 88	100	40
88 - 216	150	43.5
216 - 960	200	46
Above 960	500	54

FCC Part 15.407(b)

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.
For transmitters operating in the 5.25-5.35 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.
For transmitters operating in the 5.47-5.725 GHz band: All emissions outside of the 5.47-5.725 GHz band shall not exceed an e.i.r.p. of −27 dBm/MHz.
For transmitters operating in the 5.725-5.85 GHz band: 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.

5.2. TEST PROCEDURE

ANSI C63.10-2013 Clause 11.12
1. The testing follows the guidelines in ANSI C63.10-2013.
2. The EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading. A pre-amp and a high pass filter are used for the test in order to get better signal level.
3. For measurement below 1GHz, the EUT was placed on a turntable with 0.8 meter,above ground. For measurement above 1 GHz, test at FAR, the EUT is placed on a non-conductive table, which is 1.5 meter above ground.
4. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
5. Corrected Reading: Antenna Factor + Cable Loss + Read Level - Preamp Factor = Level
6. For measurement below 1GHz, If the emission level of the EUT measured by the peak detector is 3 dB lower than the applicable limit, the peak emission level will be reported. Otherwise, the emission measurement will be repeated using the quasi-peak detector and reported.

7. Use the following spectrum analyzer settings:
(1) Span shall wide enough to fully capture the emission being measured;
(2) Set RBW=100 kHz for f < 1 GHz; VBW >= RBW; Sweep = auto; Detector function = peak; Trace = max hold;
(3) Set RBW = 1 MHz, VBW= 3MHz for f > 1 GHz for peak measurement.
Set RBW = 1 MHz, and 1/T (on time) for average measurement.

5.3. TEST DATA

9kHz-30MHz

The low frequency, which started from 9 kHz to 30MHz, was pre-scanned and the r esult which was 20dB lower than the limit line per 15.31(o) was not reported.

Table 16 Radiated Emission Test Data 9k Hz-30MHz

Frequency MHz	Cable Loss(dB)	Antenna Factor(dB)	Readings(dBμV/m)	Level(dBμV/m)	Polarity(H/V)	Turntable Angle(deg)	Antenna Height(m)	Limits(dBμV/m)	Margin(dB)
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--
--	--	--	--	--	--	--	--	--	--

30MHz-1GHz

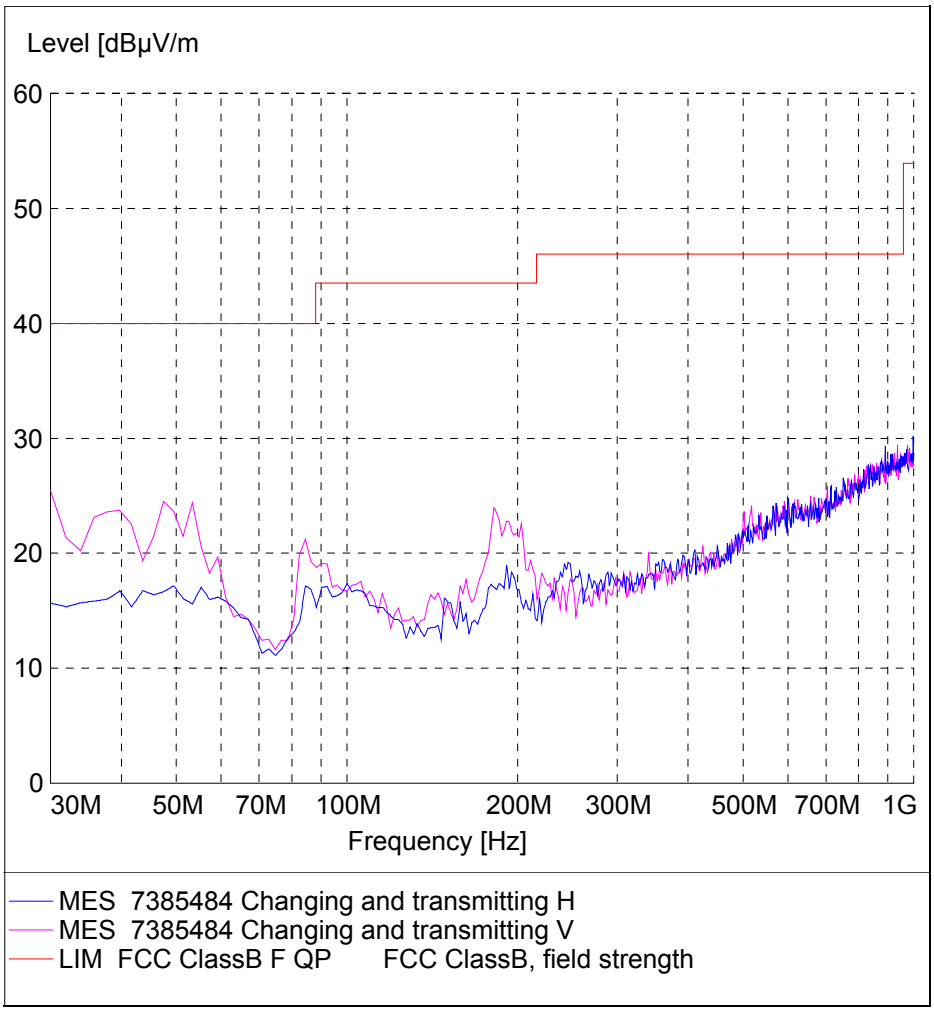
Worst case is shown below for 30MHz-1GHz only.

The emissions don’t show in following result tables are more than 20dB below the limits.

Table 17 Radiated Emission Test Data 30MHz-1GHz

Frequency (MHz)	Cable Loss +preamp (dB)	Antenna Factor (dB)	Readings (dBμV/m)	Level (dBμV/m)	Polarity (H/V)	Limits (dBμV/m)	Margin (dB)	Note
39.719	0.6	12.3	1.0	13.9	H	40.0	26.1	QP
55.27	0.8	13.0	2.3	16.1	H	40.0	23.9	QP
84.428	0.9	8.5	7.3	16.7	H	40.0	23.3	QP
99.979	1.1	12.8	2.3	16.2	H	43.5	27.3	QP
191.342	1.6	10.6	4.7	16.9	H	43.5	26.6	QP
245.771	1.8	12.1	4.2	18.1	H	46.0	27.9	QP
30.109	0.6	12.3	10.5	23.4	V	40	16.6	QP
39.719	0.6	12.3	7.8	20.7	V	40	19.3	QP
47.494	0.8	13.6	7.1	21.5	V	40	18.5	QP
53.326	0.7	13.3	7.4	21.4	V	40	18.6	QP
84.428	0.9	8.5	9.8	19.2	V	40	20.8	QP
181.623	1.6	9.7	8.9	20.2	V	43.5	23.3	QP

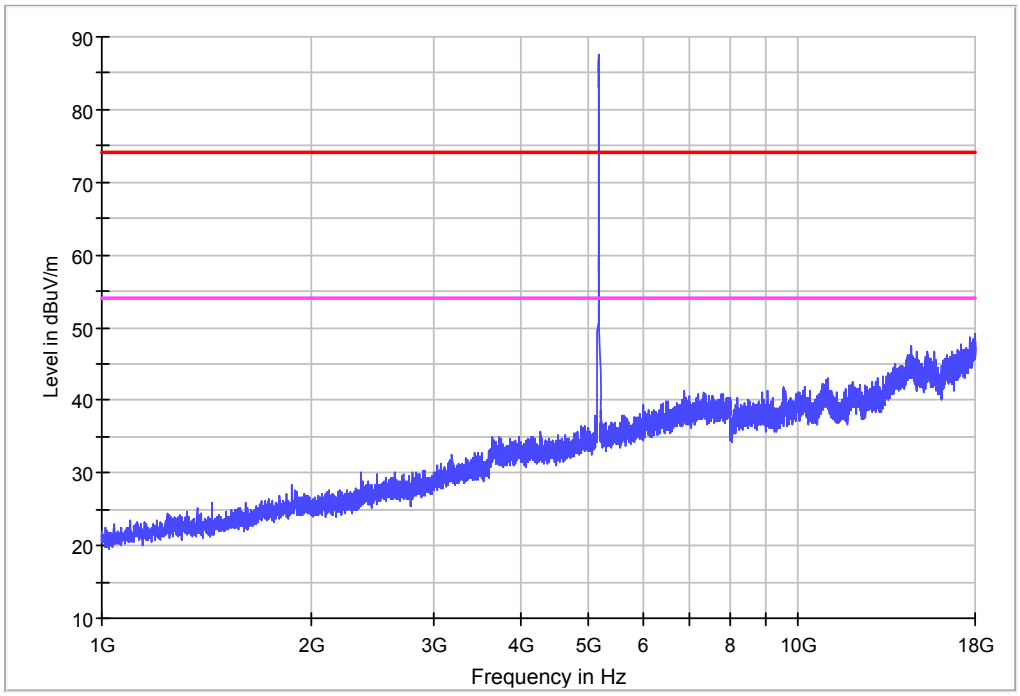
30MHz~1GHz:


Level [dBµV/m
60
50
40
30
20
10
0
30M
50M
70M
100M
200M
300M
500M
700M
1G
Frequency [Hz]
MES 7385484 Changing and transmitting H
MES 7385484 Changing and transmitting V
LIM FCC ClassB F QP FCC ClassB, field strength

1-18G

11a IN THE 5.2GHz BAND

Ch36



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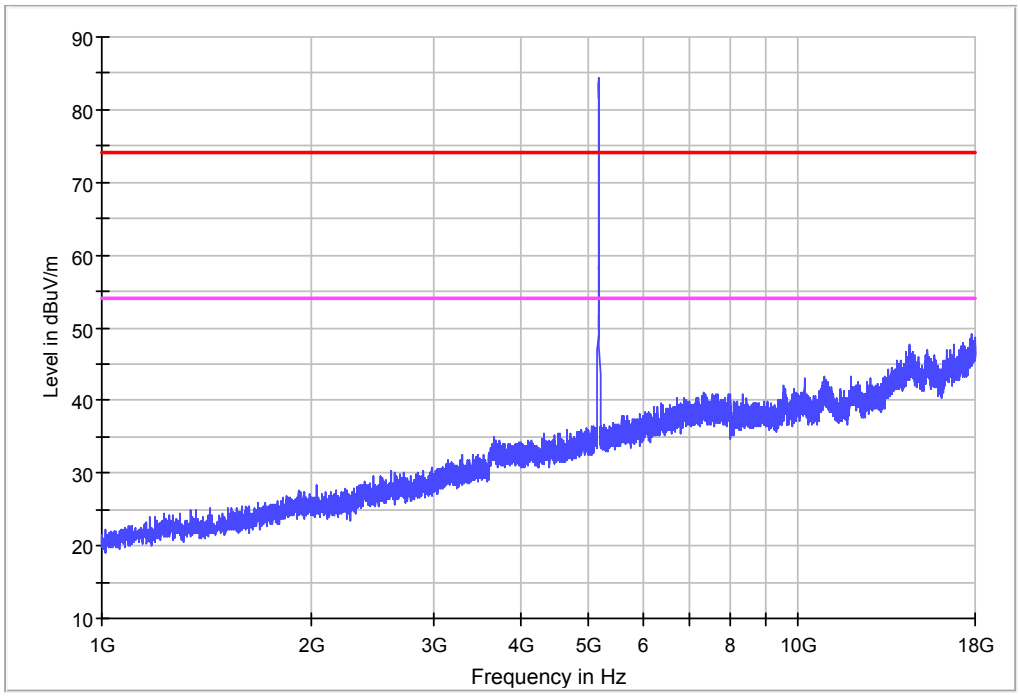
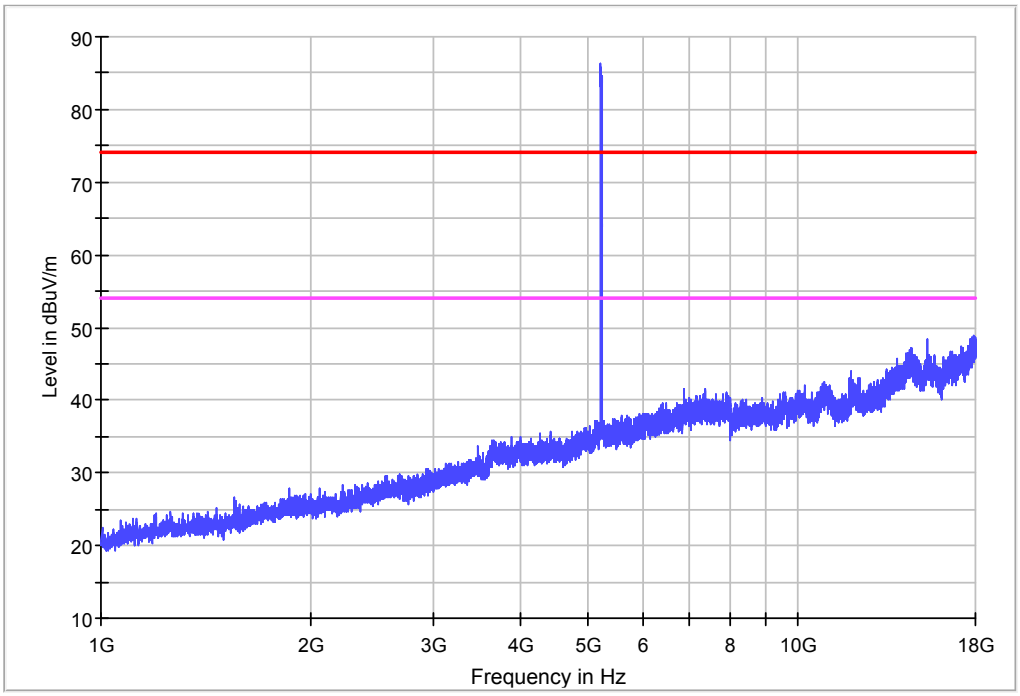


Vertical

1-18G

11a IN THE 5.2GHz BAND

CH44



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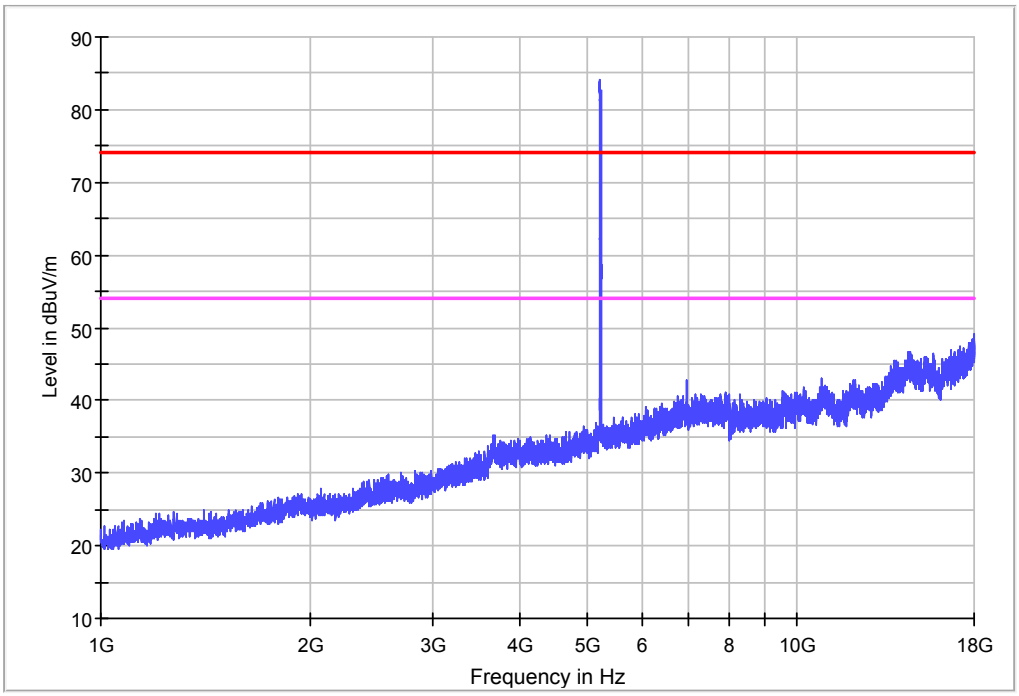
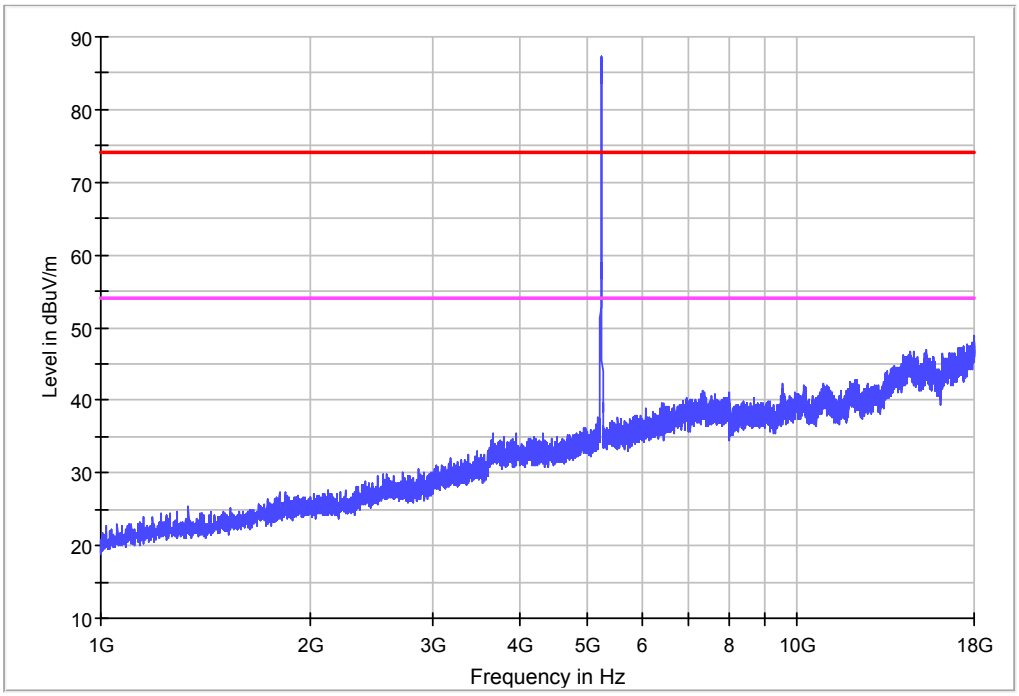


Vertical

1-18G

11a IN THE 5.2GHz BAND

CH48



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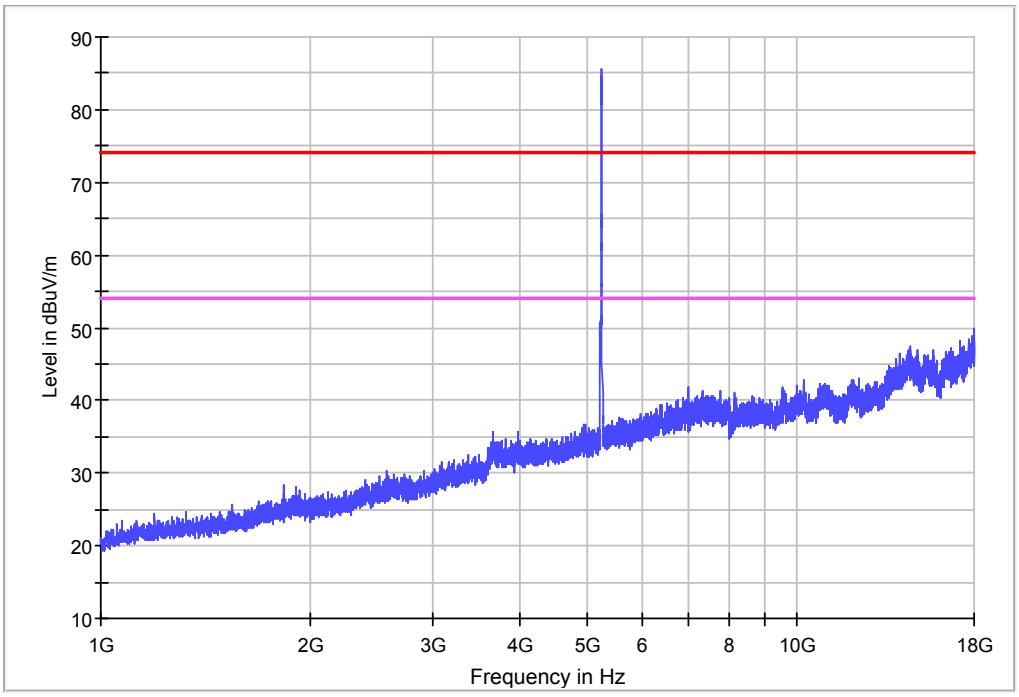
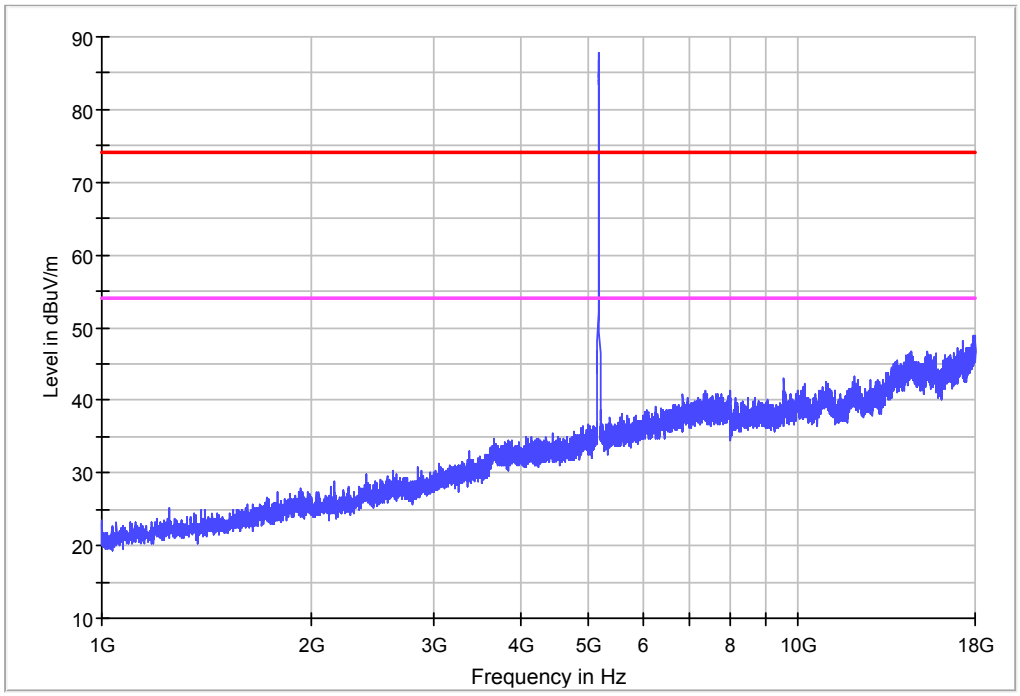


Vertical

1-18G

11n HT20 IN THE 5.2GHz BAND

CH36



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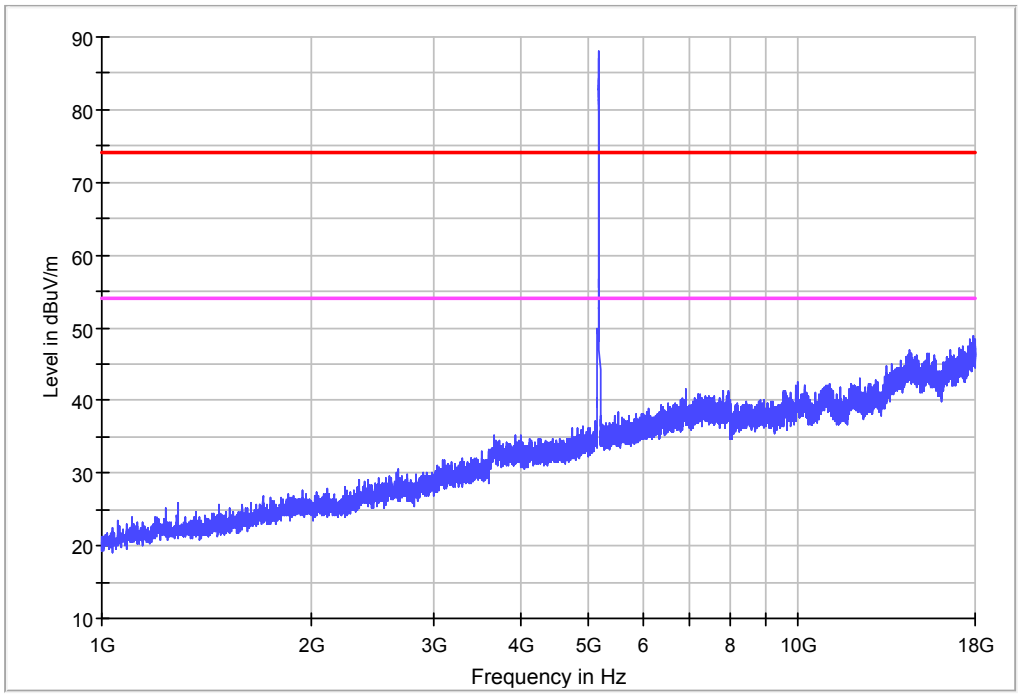

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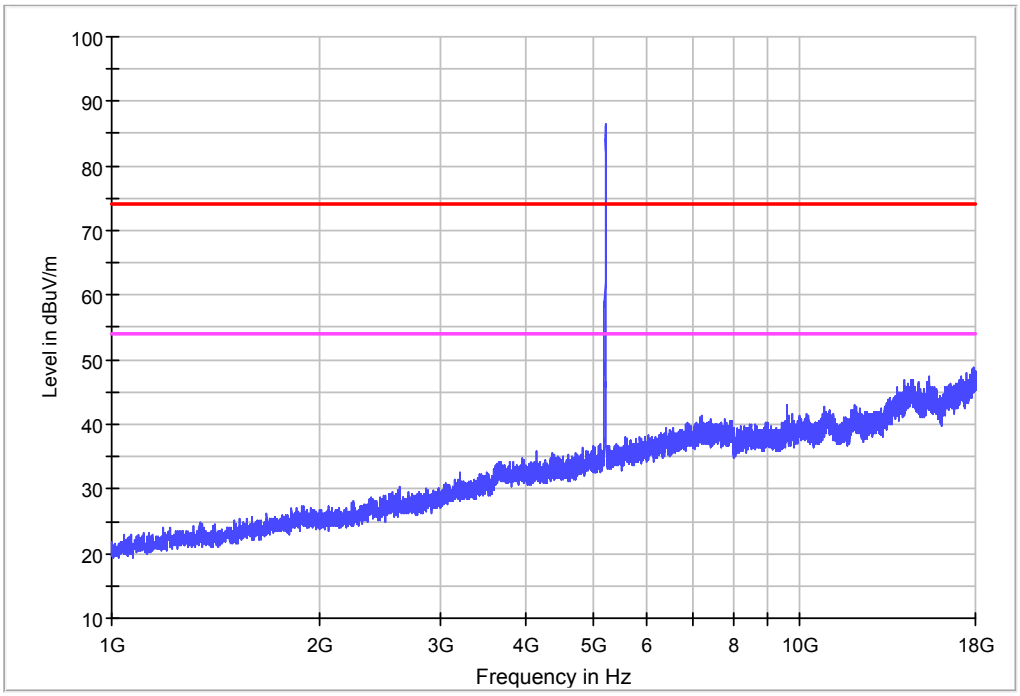
1-18G

11n HT20 IN THE 5.2GHz BAND

CH44



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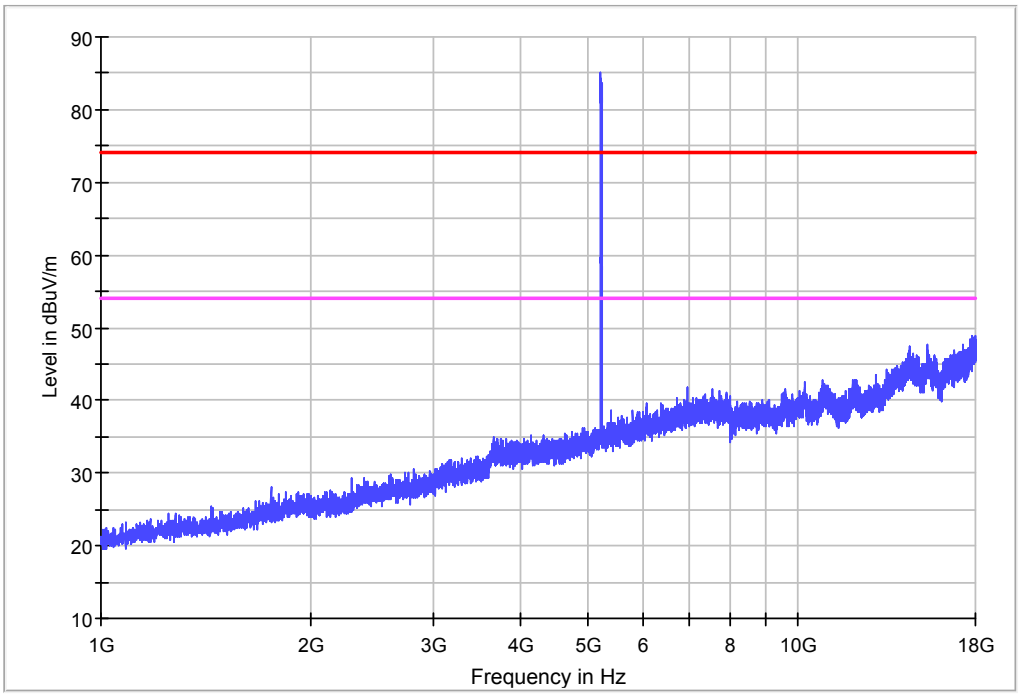

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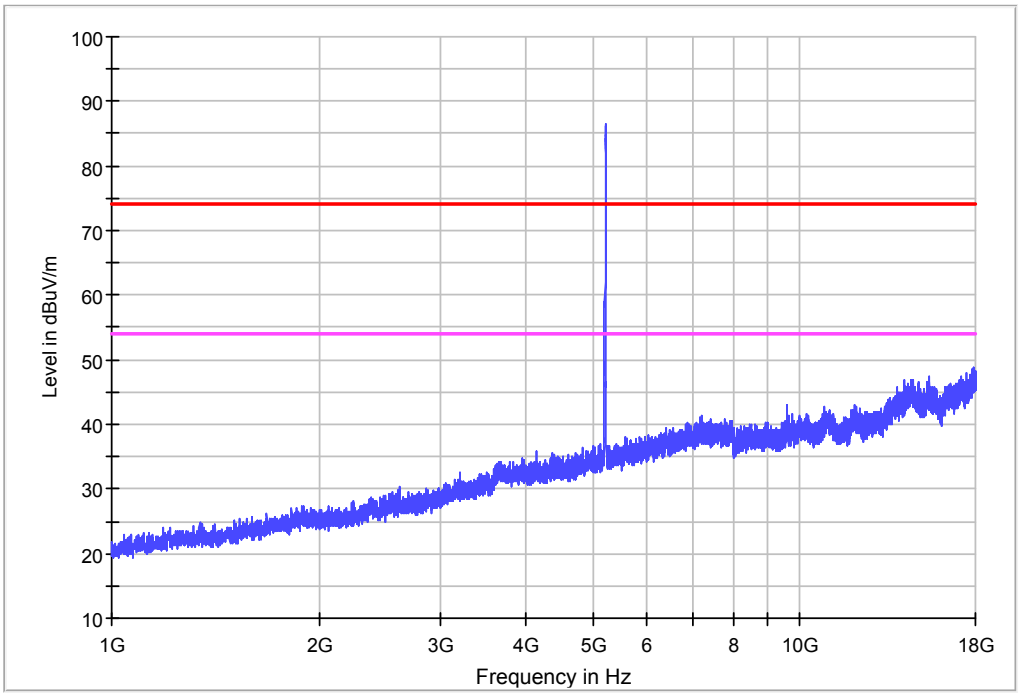
1-18G

11n HT20 IN THE 5.2GHz BAND

CH48



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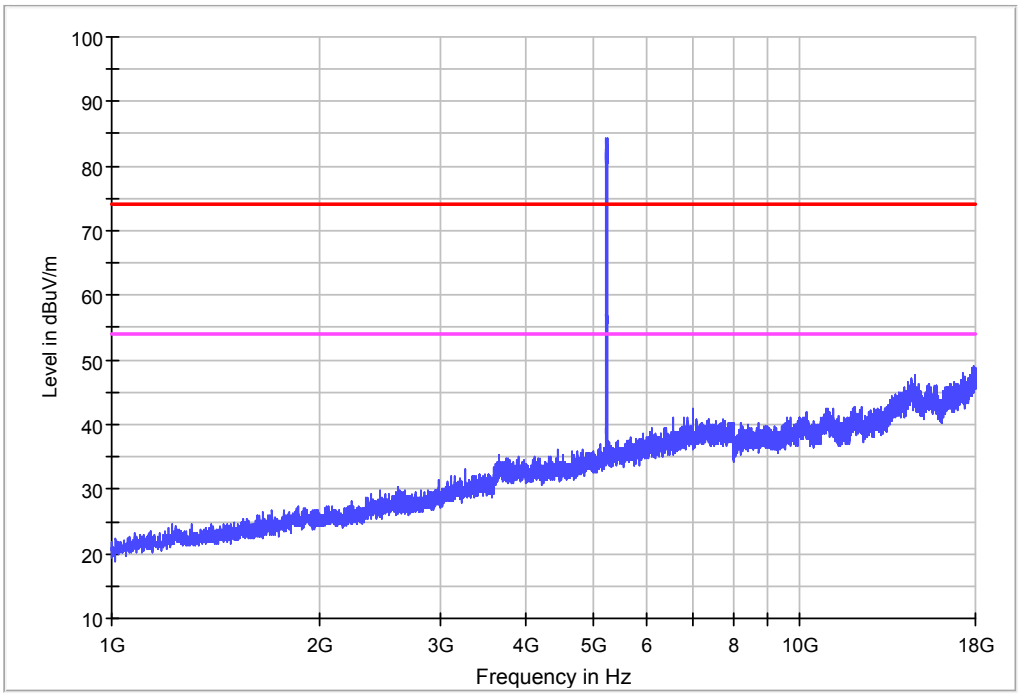
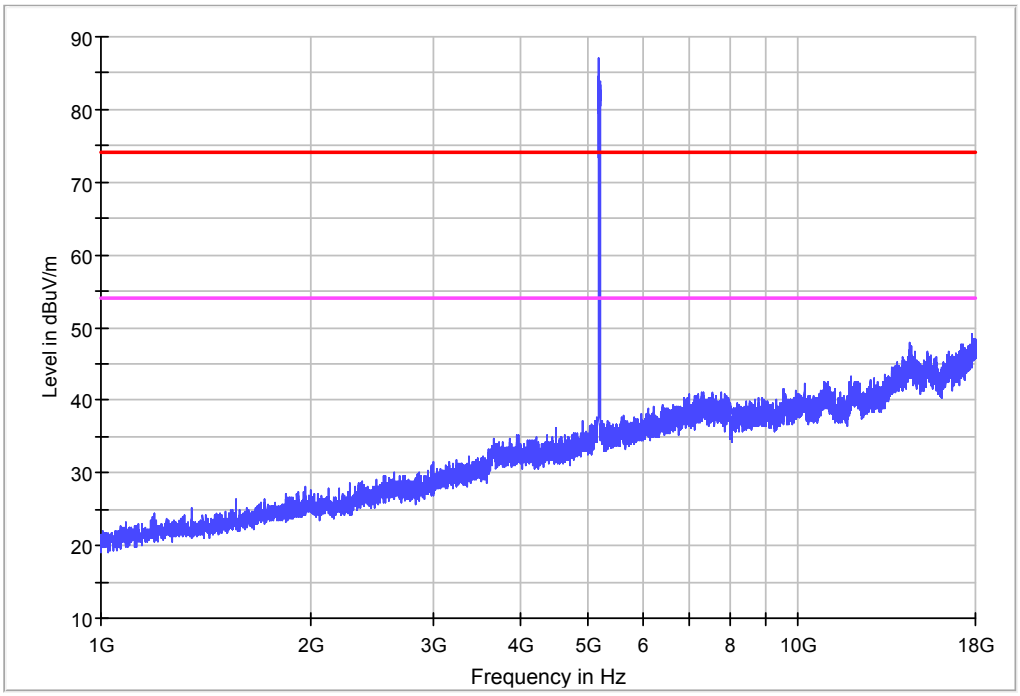


Vertical

1-18G

11n HT40 IN THE 5.2GHz BAND

CH38



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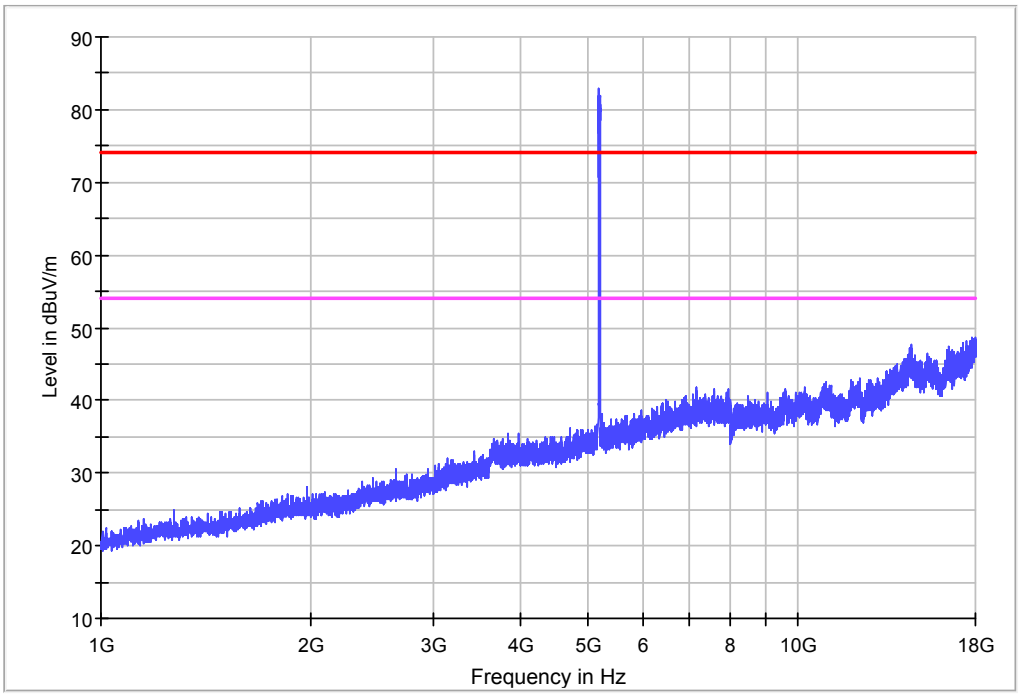
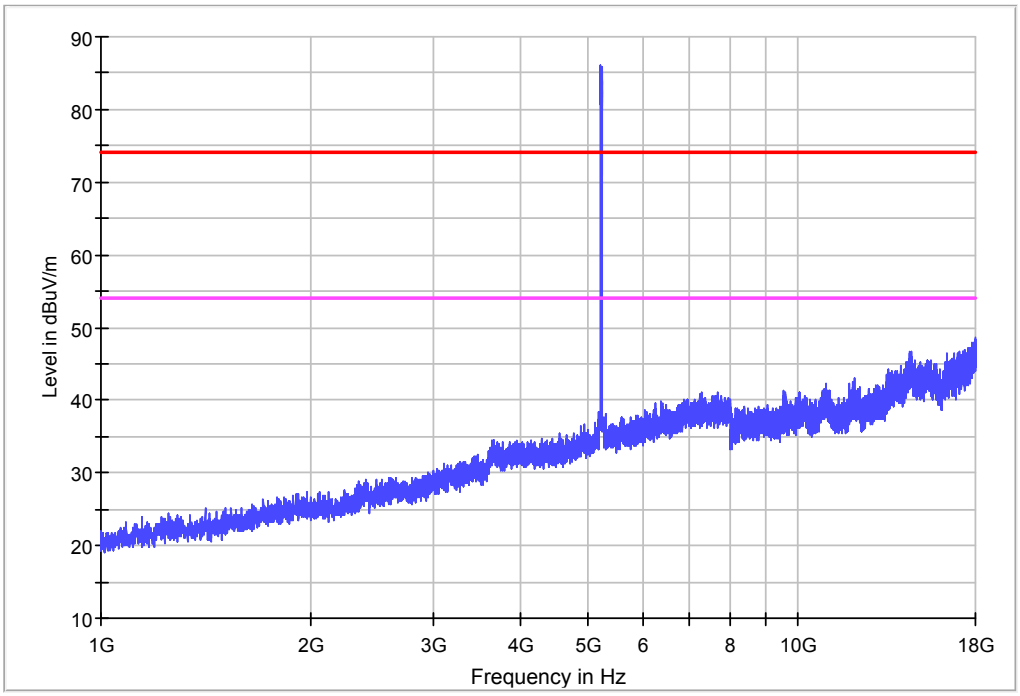


Vertical

1-18G

11n HT40 IN THE 5.2GHz BAND

CH46



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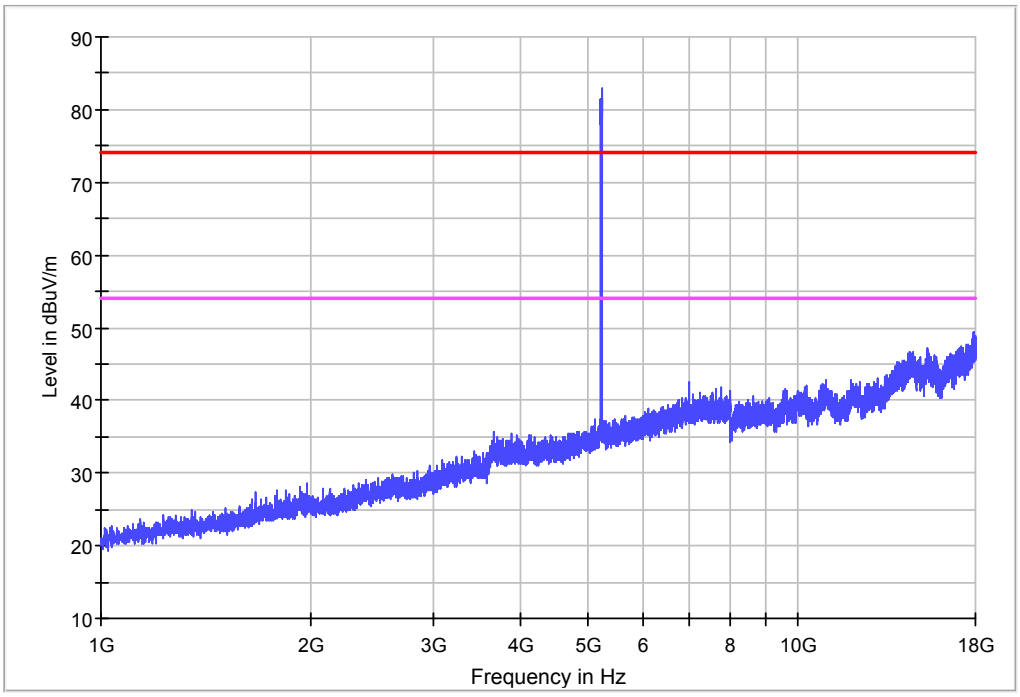
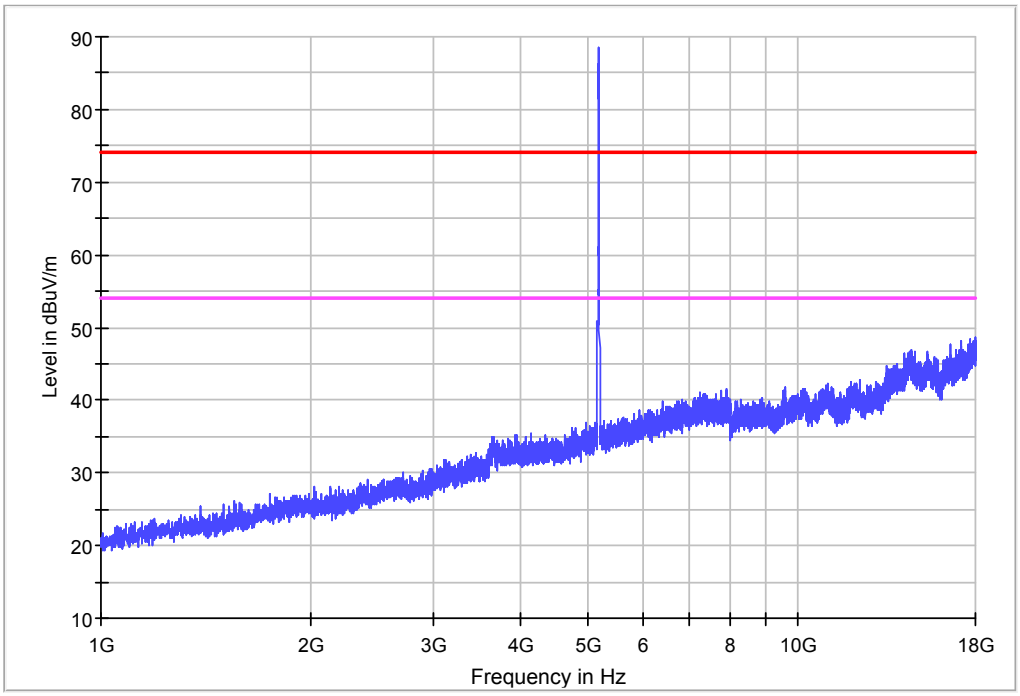


Vertical

1-18G

11ac VHT20 IN THE 5.2GHz BAND

CH36



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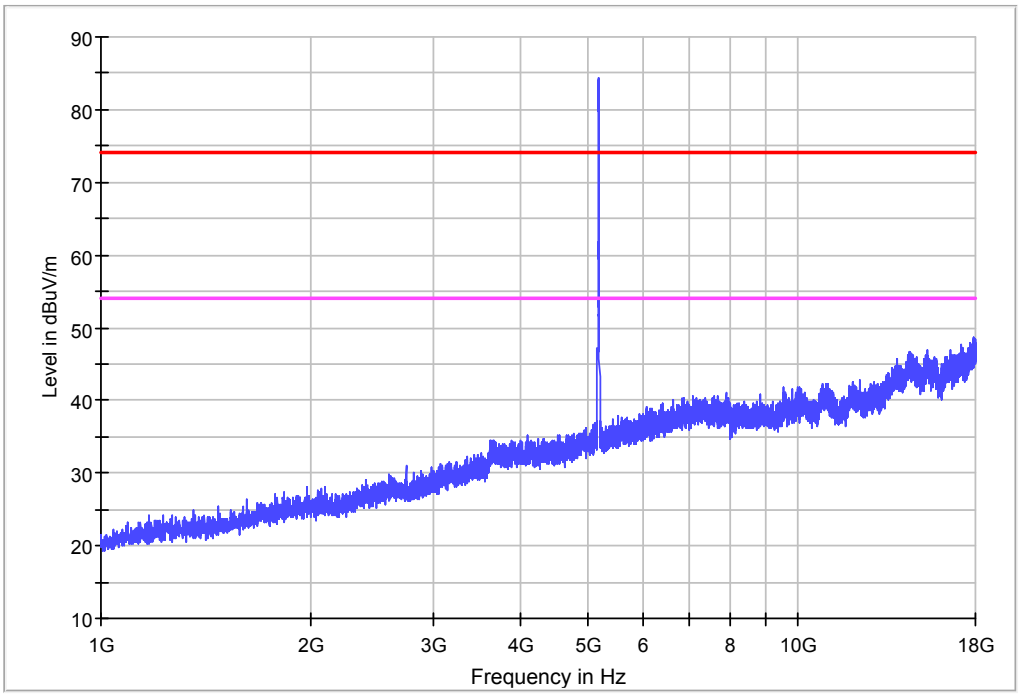
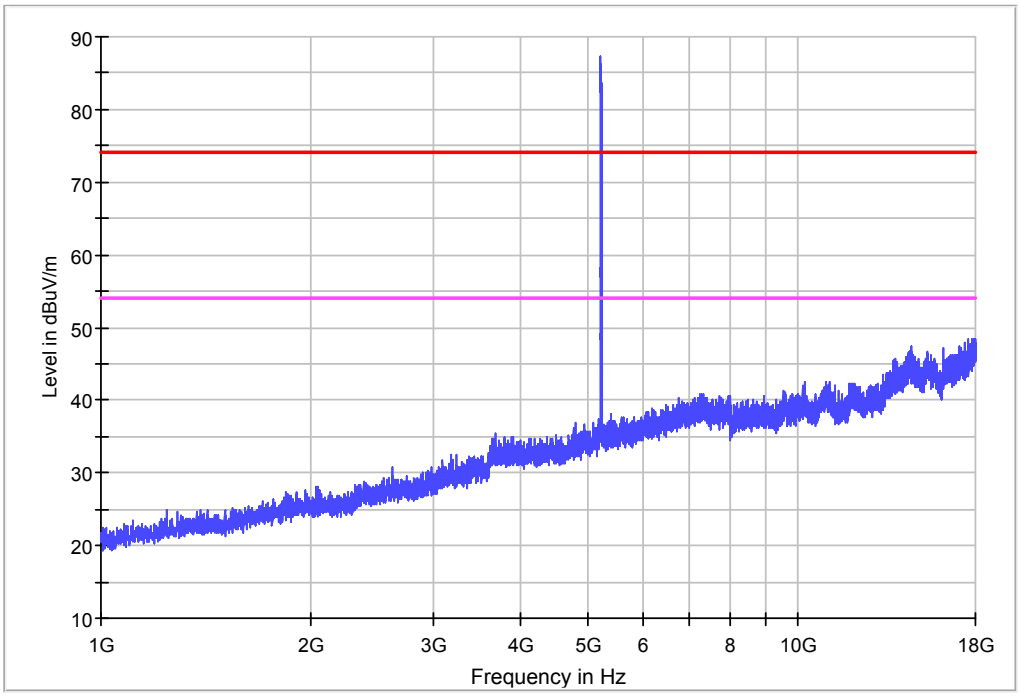


Vertical

1-18G

11ac VHT20 IN THE 5.2GHz BAND

CH44



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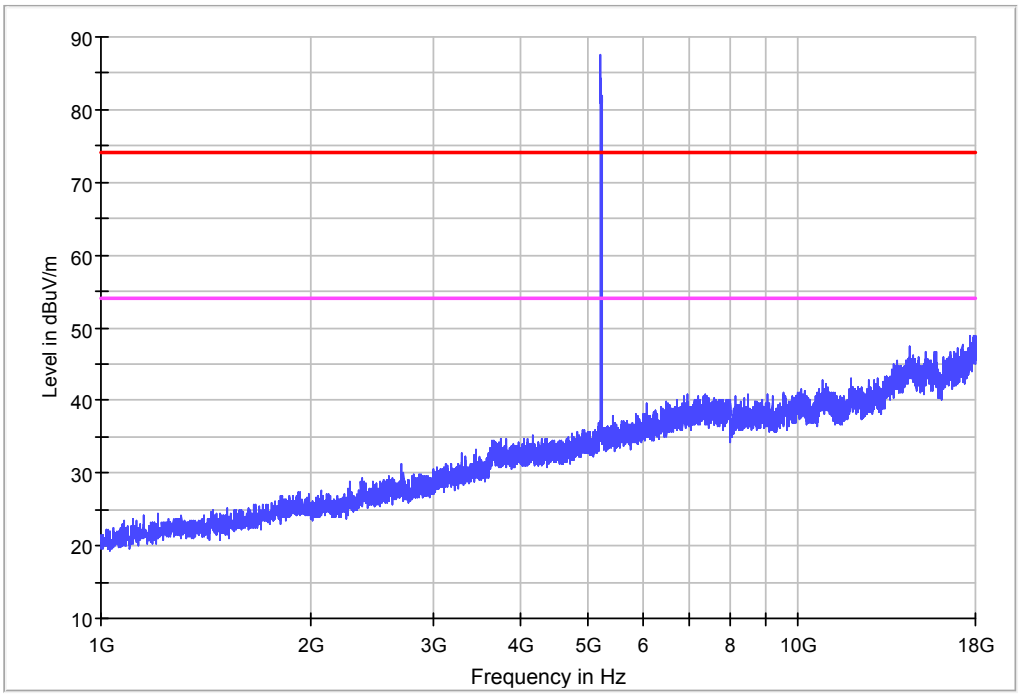
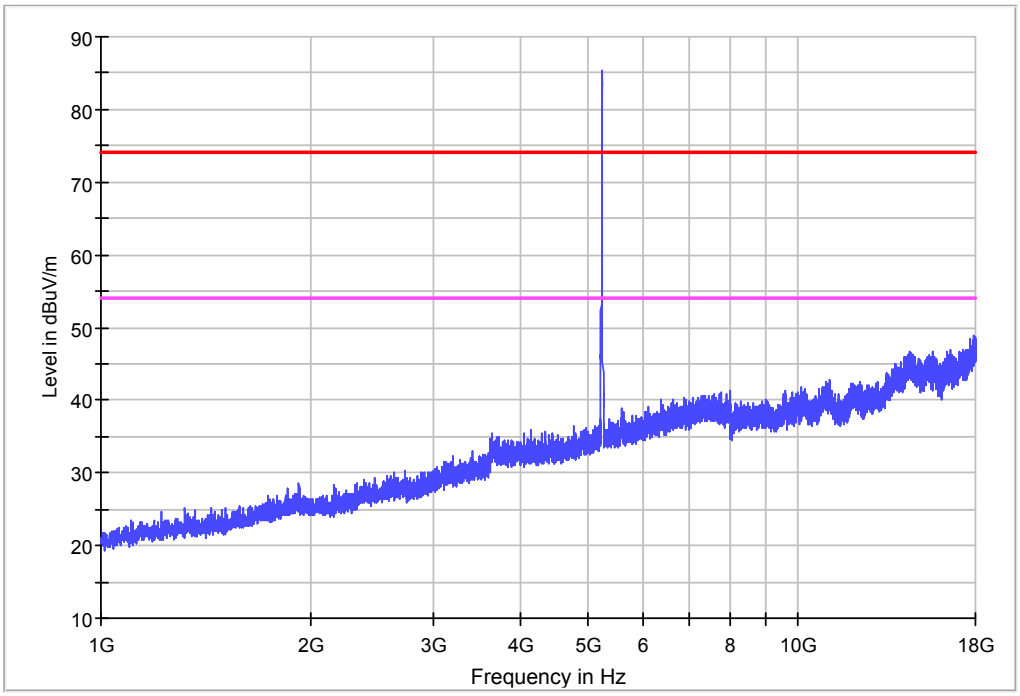


Vertical

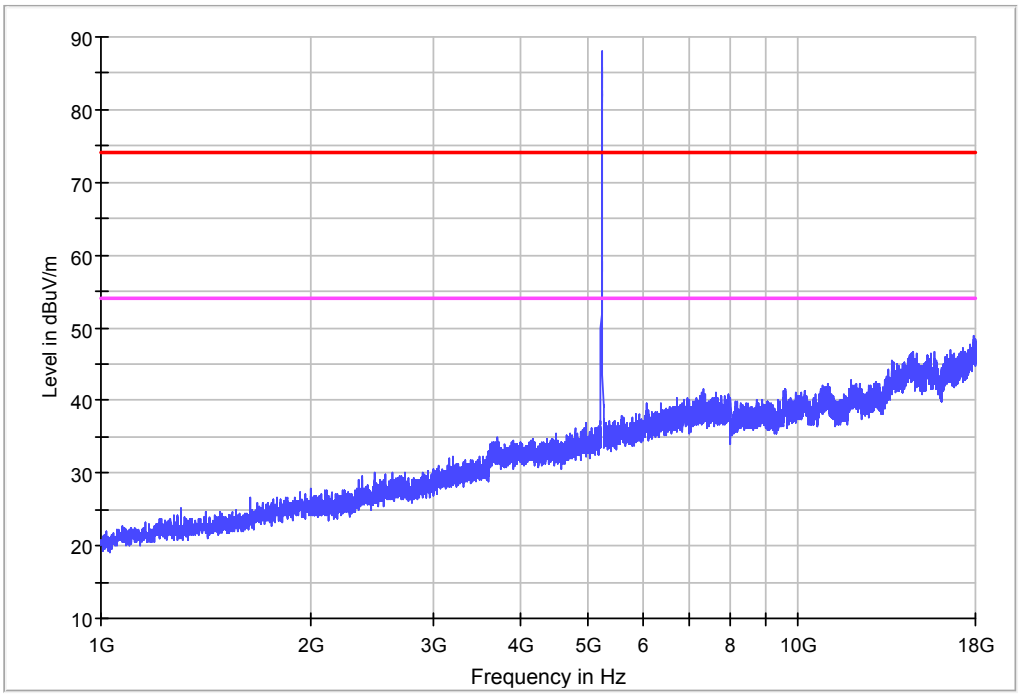
1-18G

11ac VHT20 IN THE 5.2GHz BAND

CH48



Horizontal

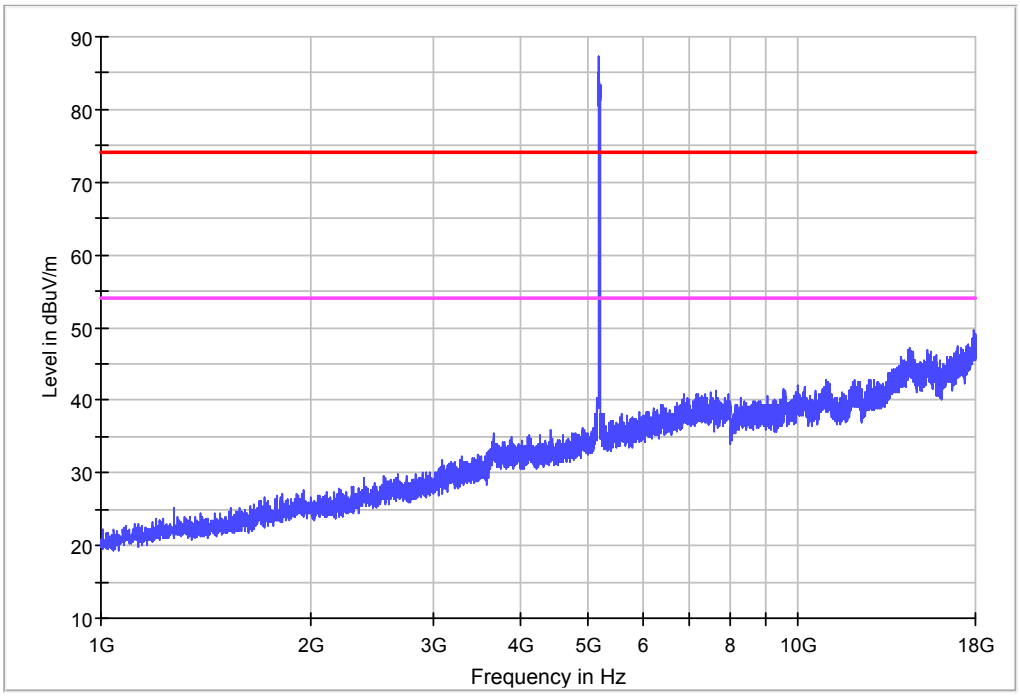


Vertical

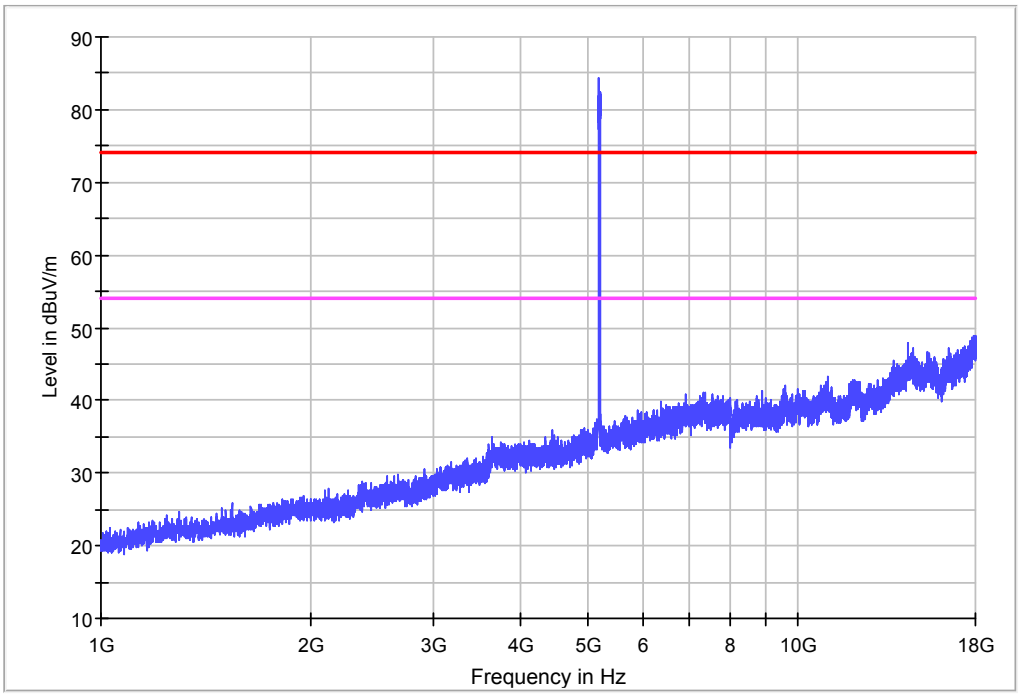
1-18G

11ac VHT40 IN THE 5.2GHz BAND

CH38



Horizontal

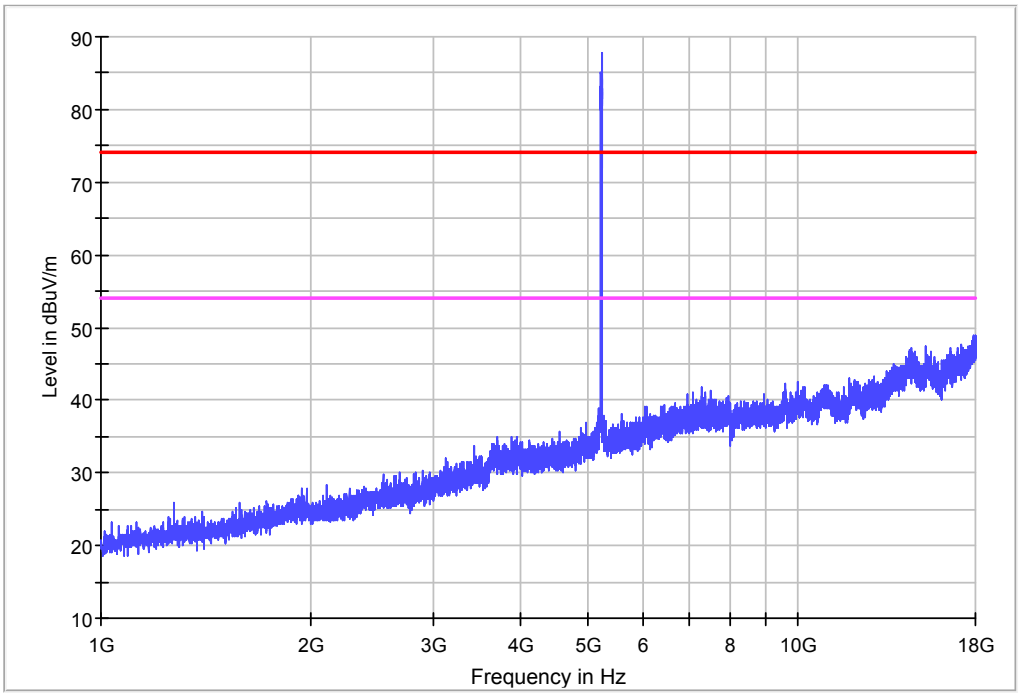


Vertical

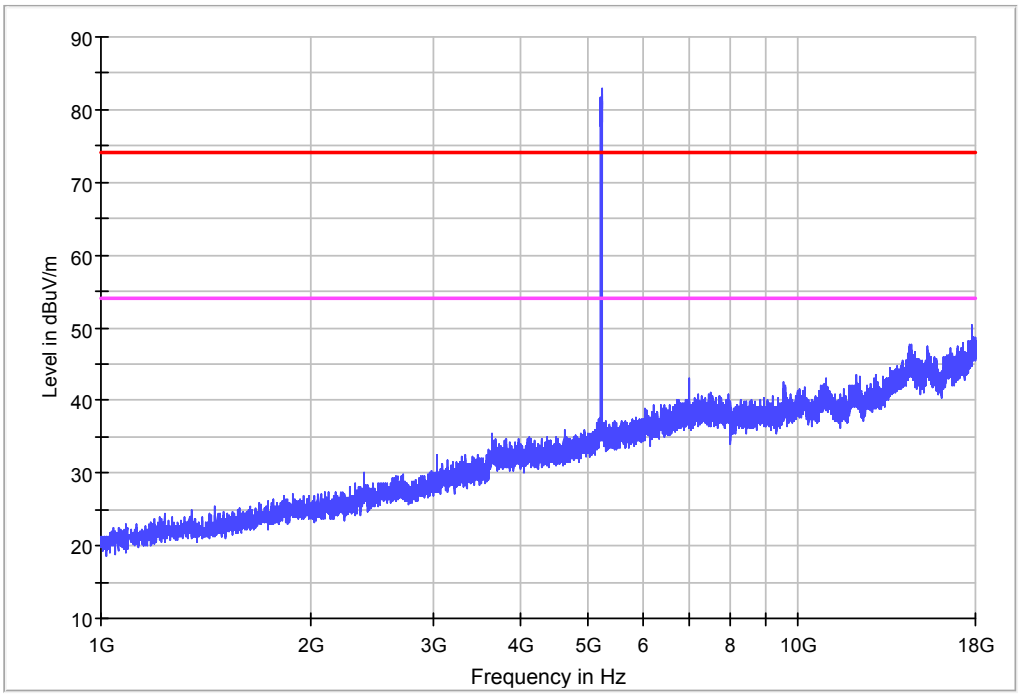
1-18G

11ac VHT40 IN THE 5.2GHz BAND

CH46



Horizontal

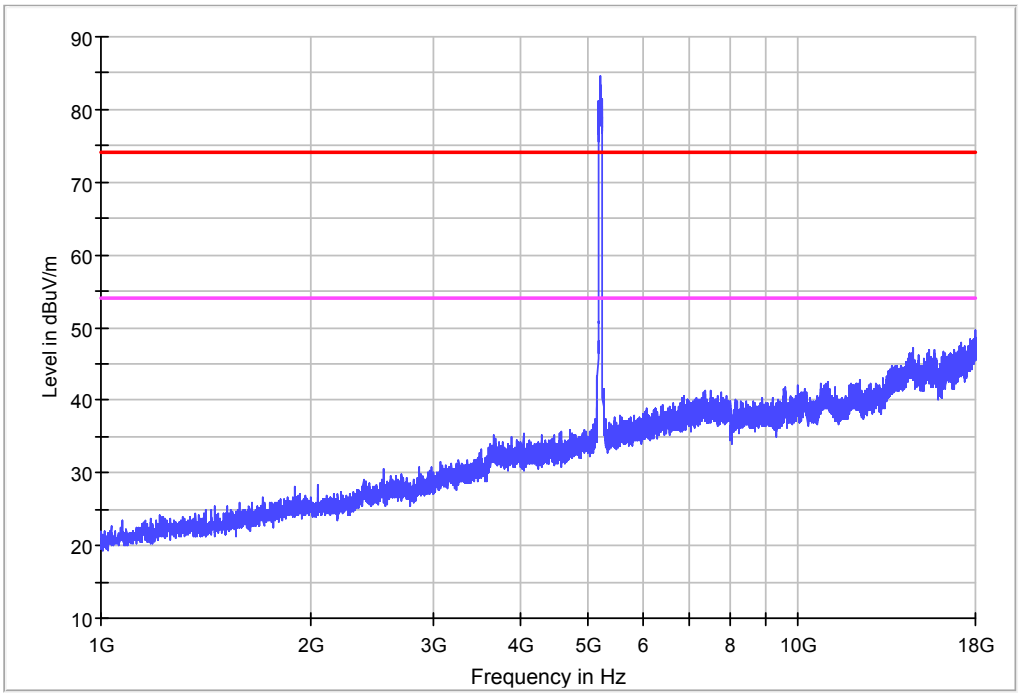


Vertical

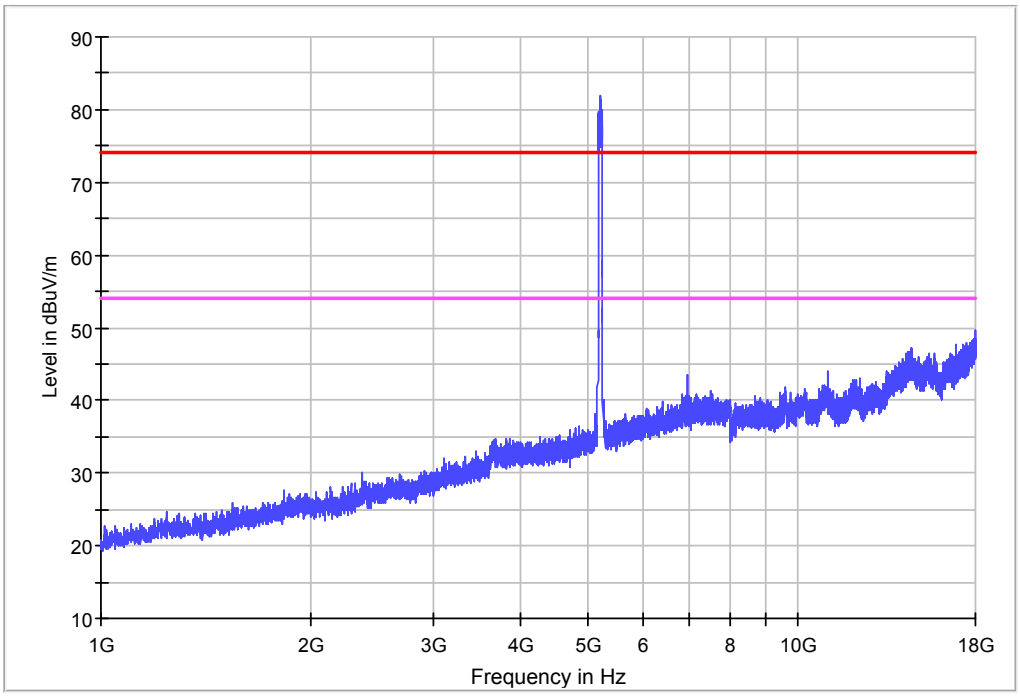
1-18G

11ac VHT80 IN THE 5.2GHz BAND

CH42



Horizontal

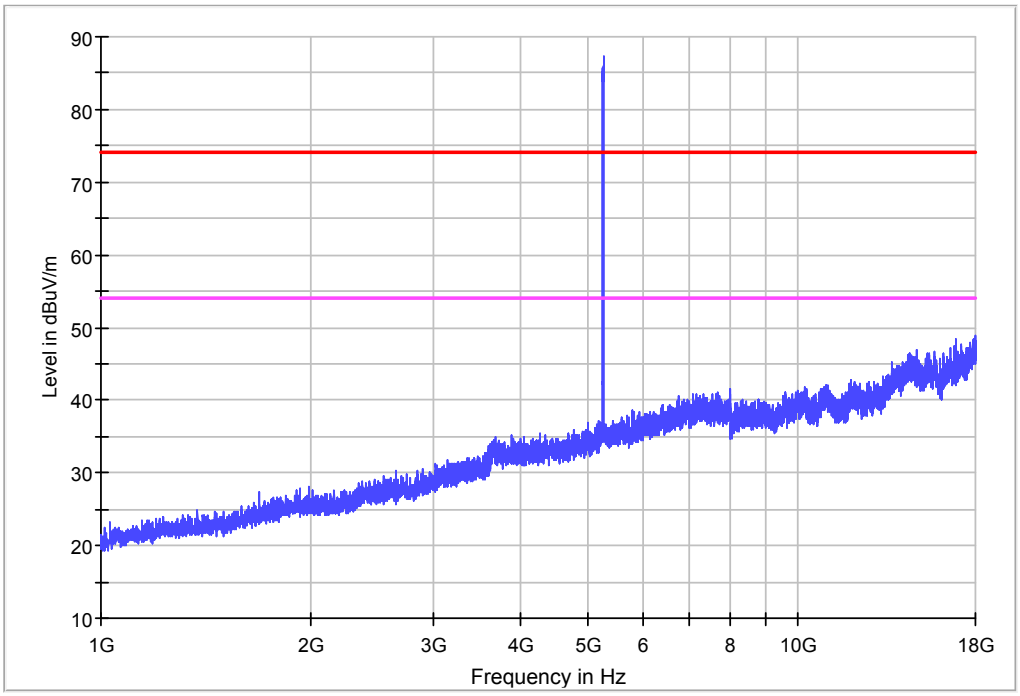


Vertical

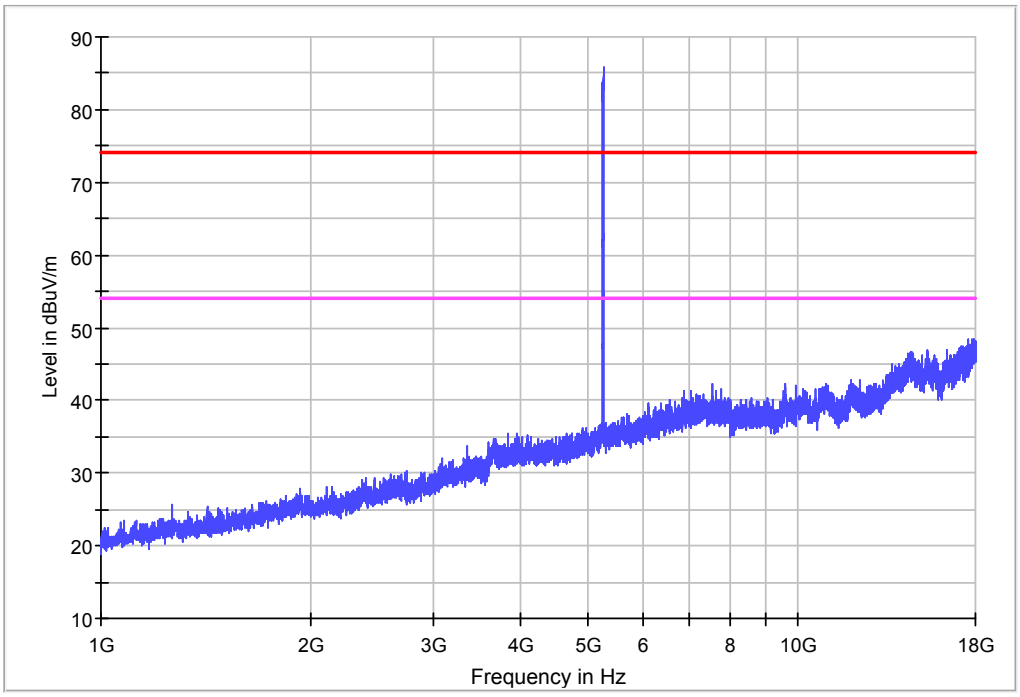
1-18G

11a IN THE 5.3GHz BAND

Ch52



Horizontal

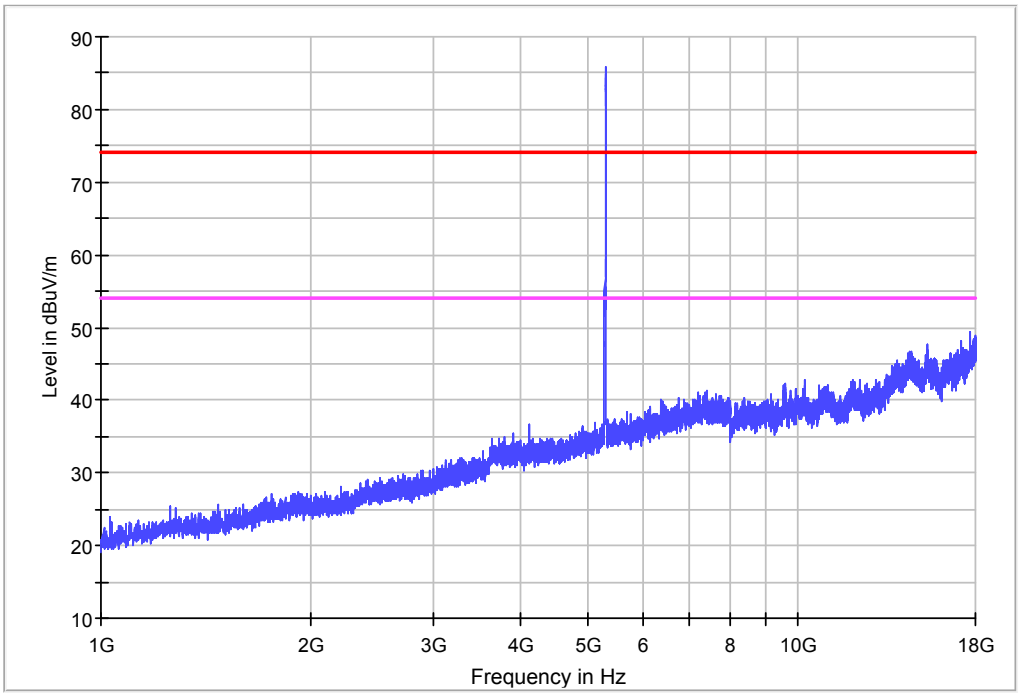


Vertical

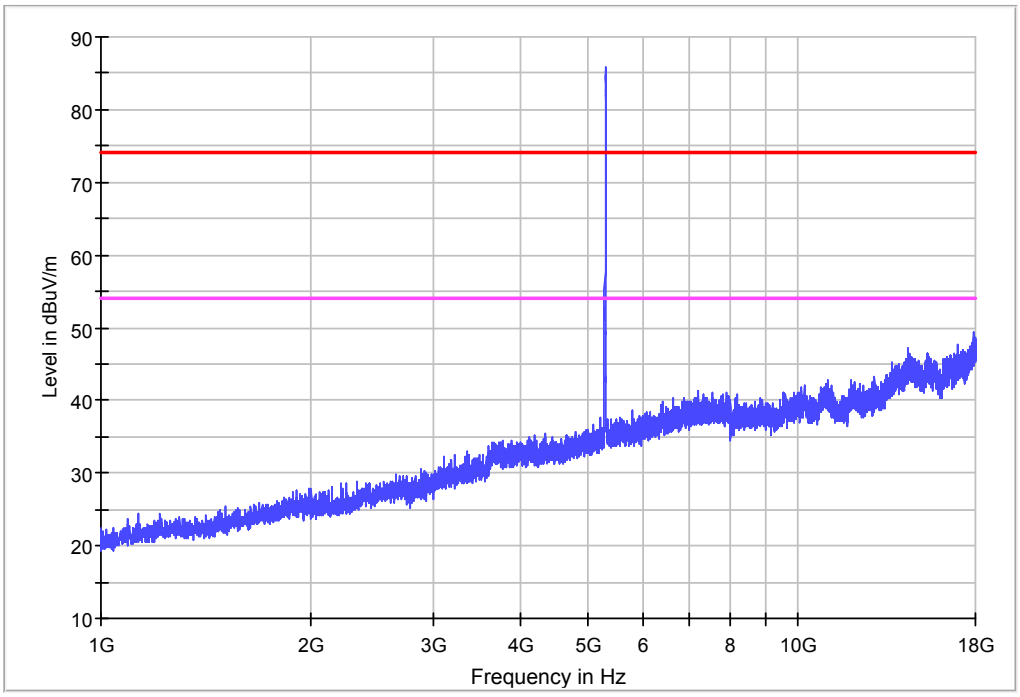
1-18G

11a IN THE 5.3GHz BAND

Ch60



Horizontal

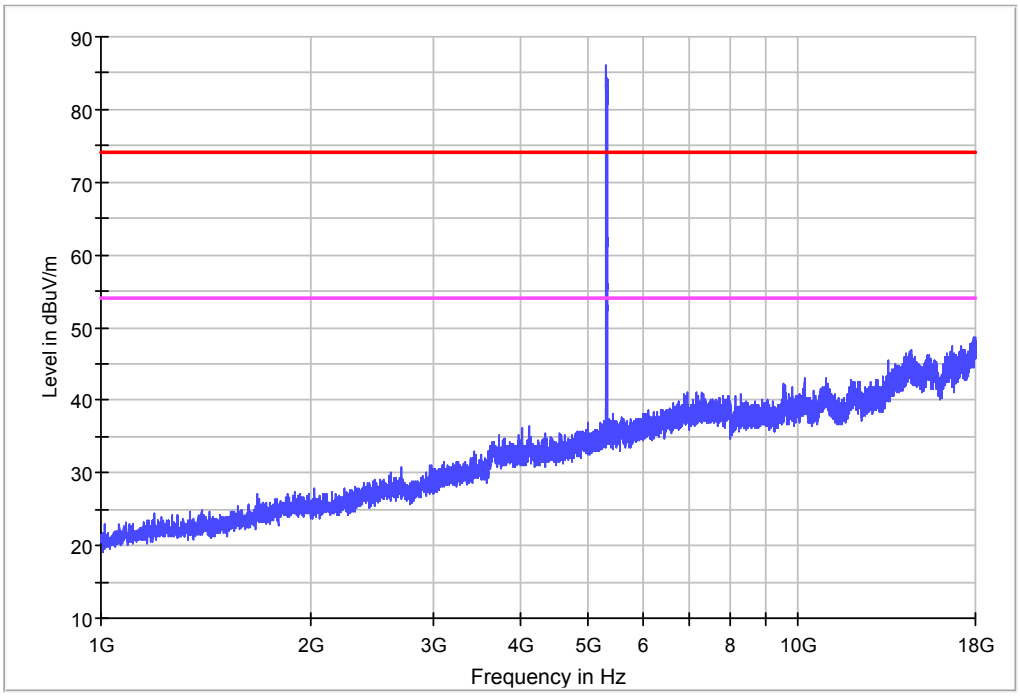


Vertical

1-18G

11a IN THE 5.3GHz BAND

Ch64



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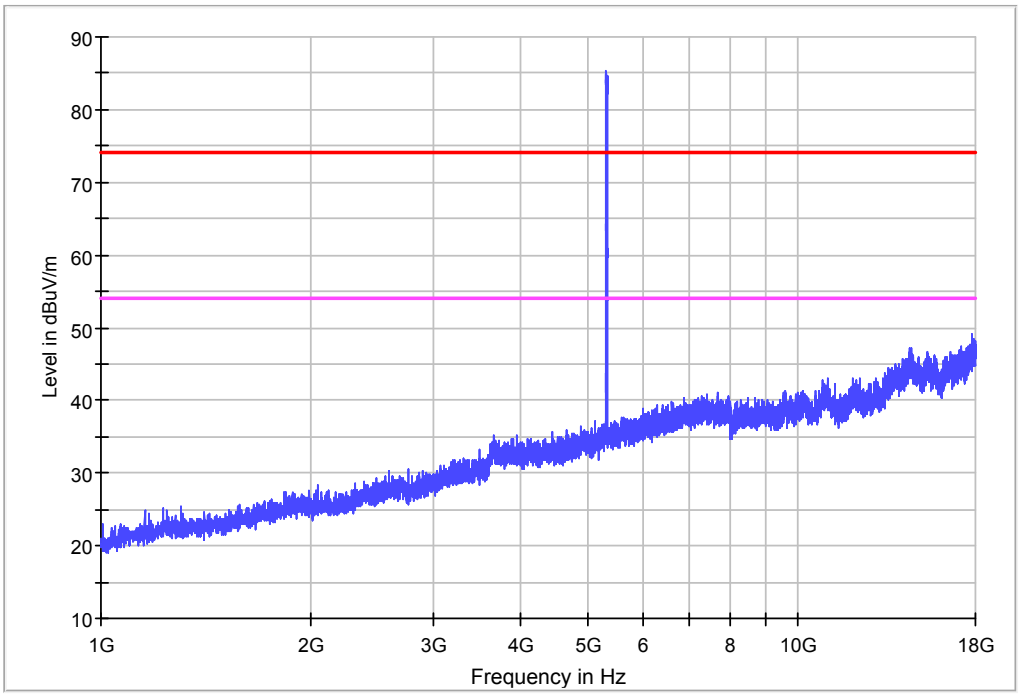
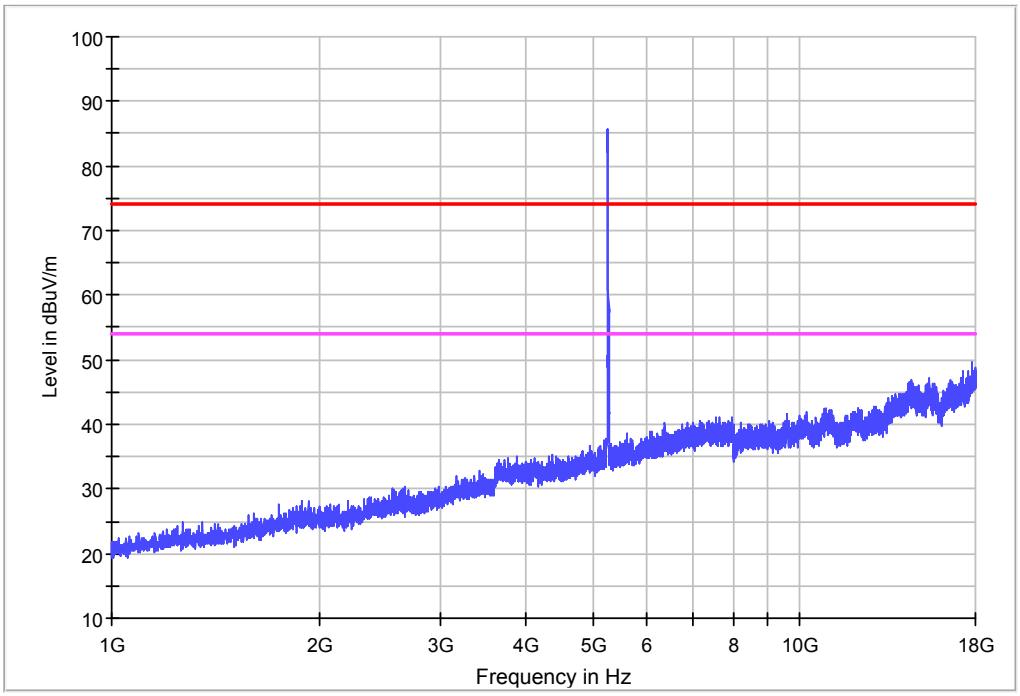


Vertical

1-18G

11n HT20 IN THE 5.3GHz BAND

Ch52



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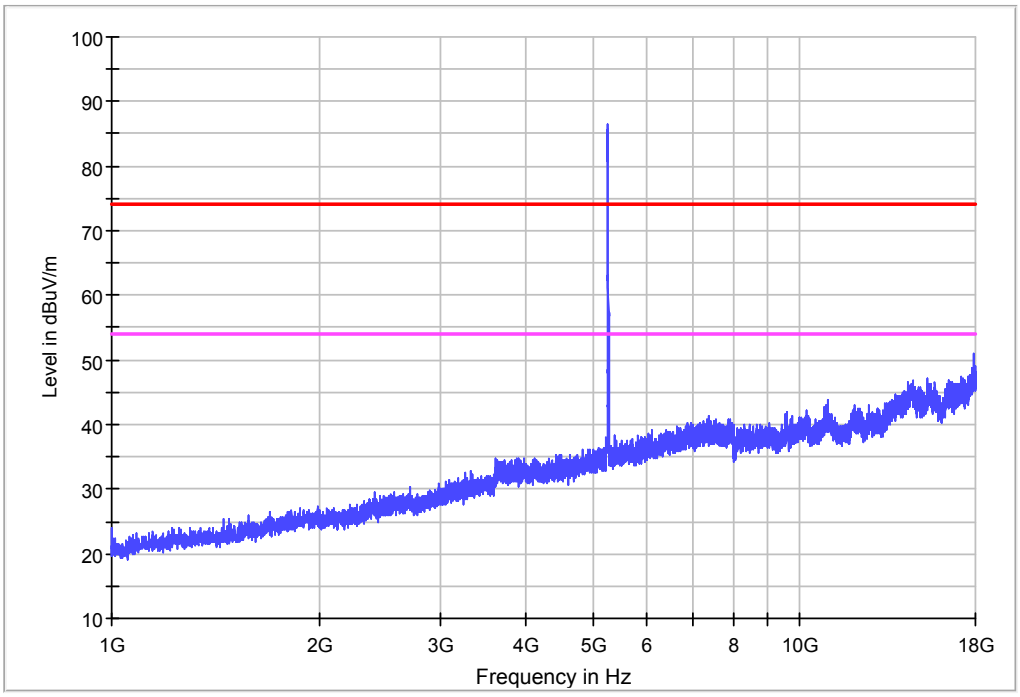
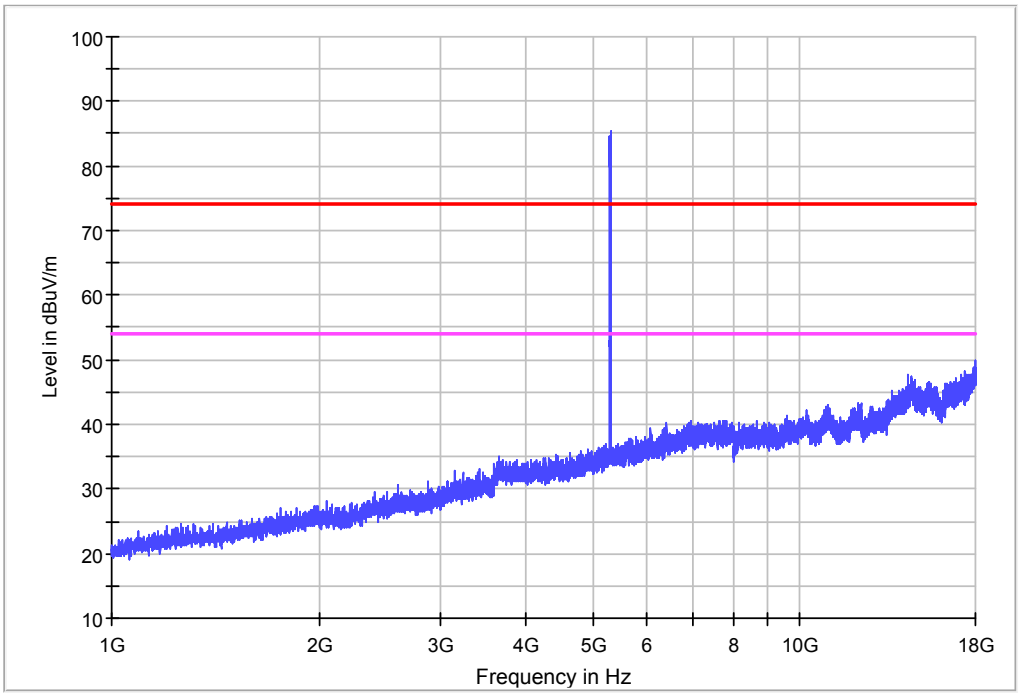


Vertical

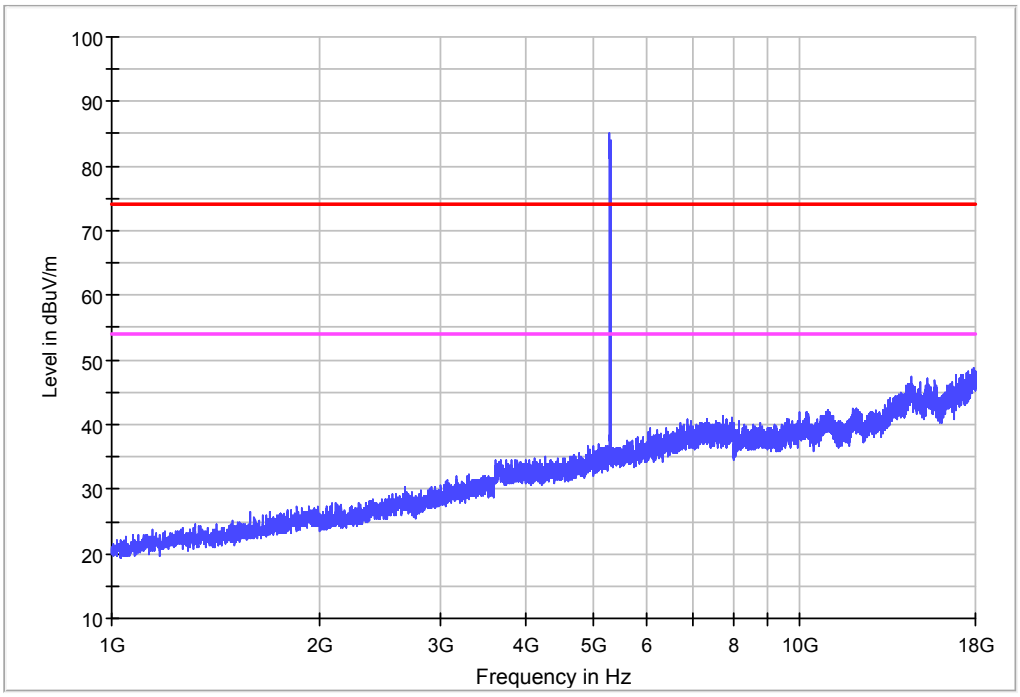
1-18G

11n HT20 THE 5.3GHz BAND

Ch60



Horizontal

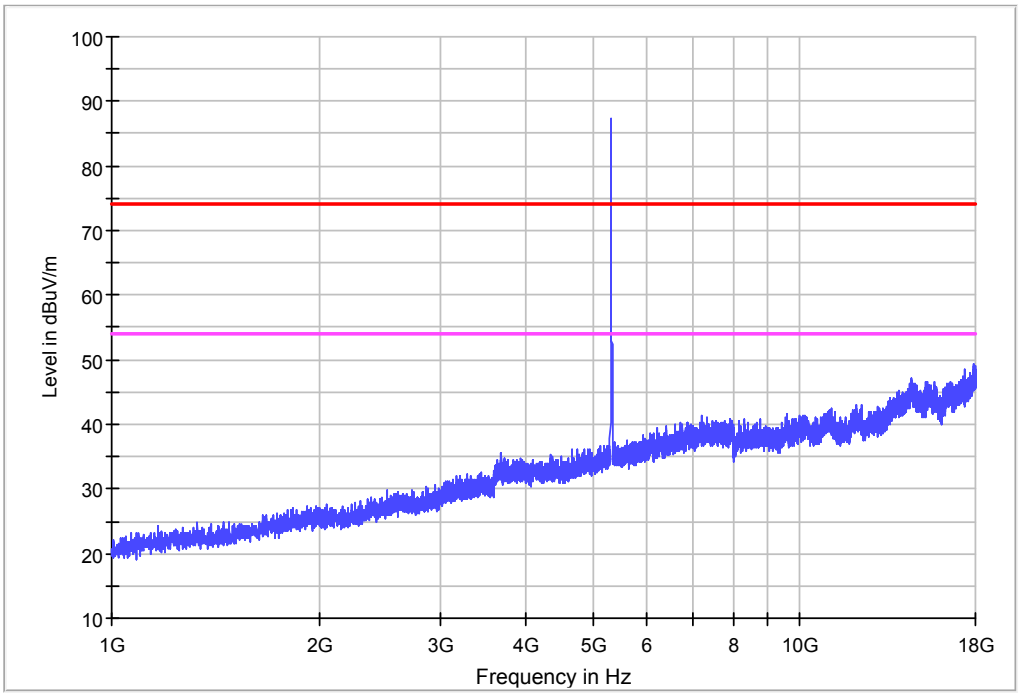


Vertical

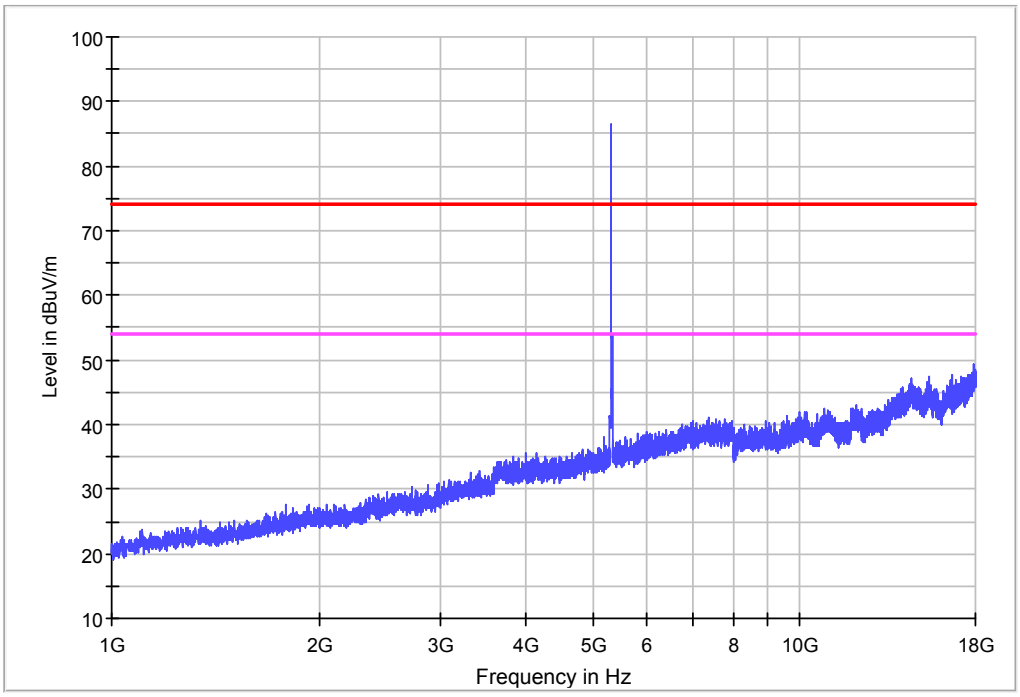
1-18G

11n HT20 IN THE 5.3GHz BAND

Ch64



Horizontal

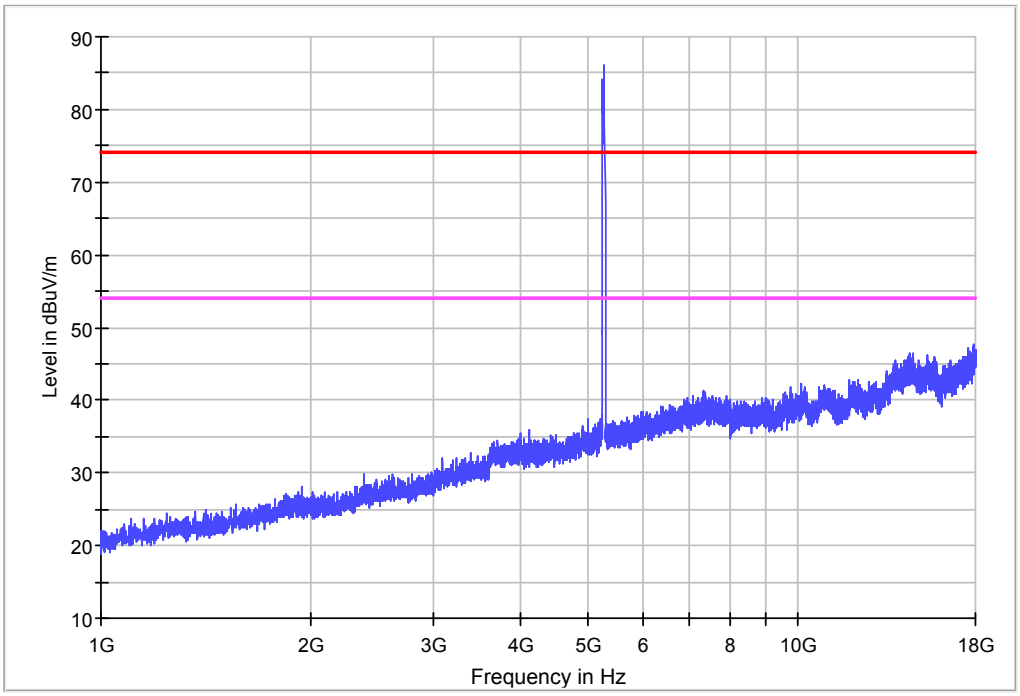


Vertical

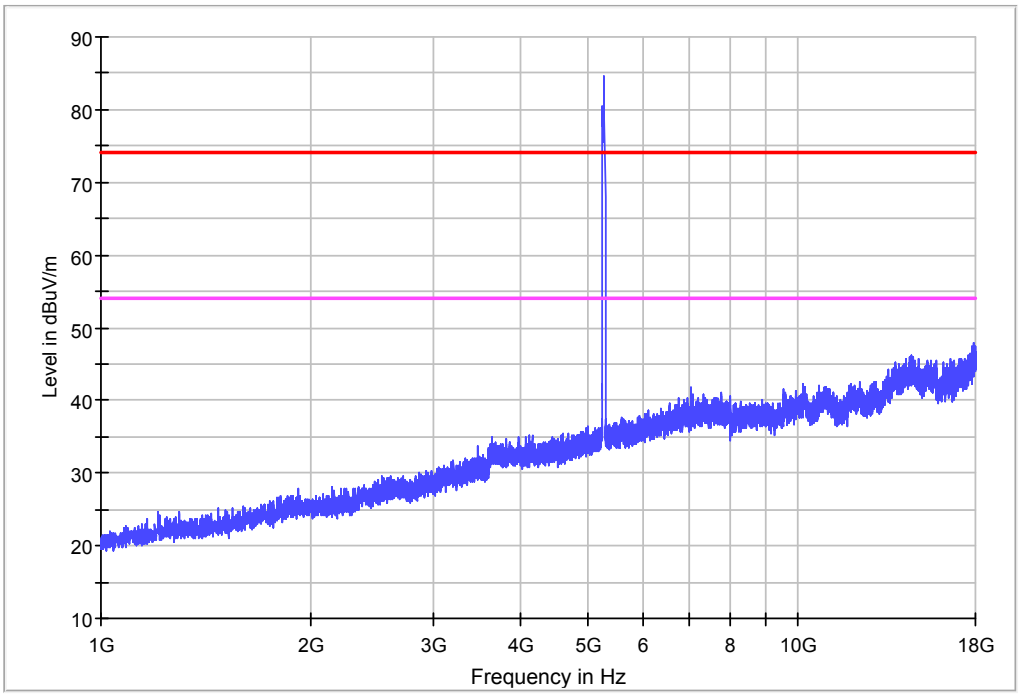
1-18G

11n HT40 THE 5.3GHz BAND

Ch54



Horizontal

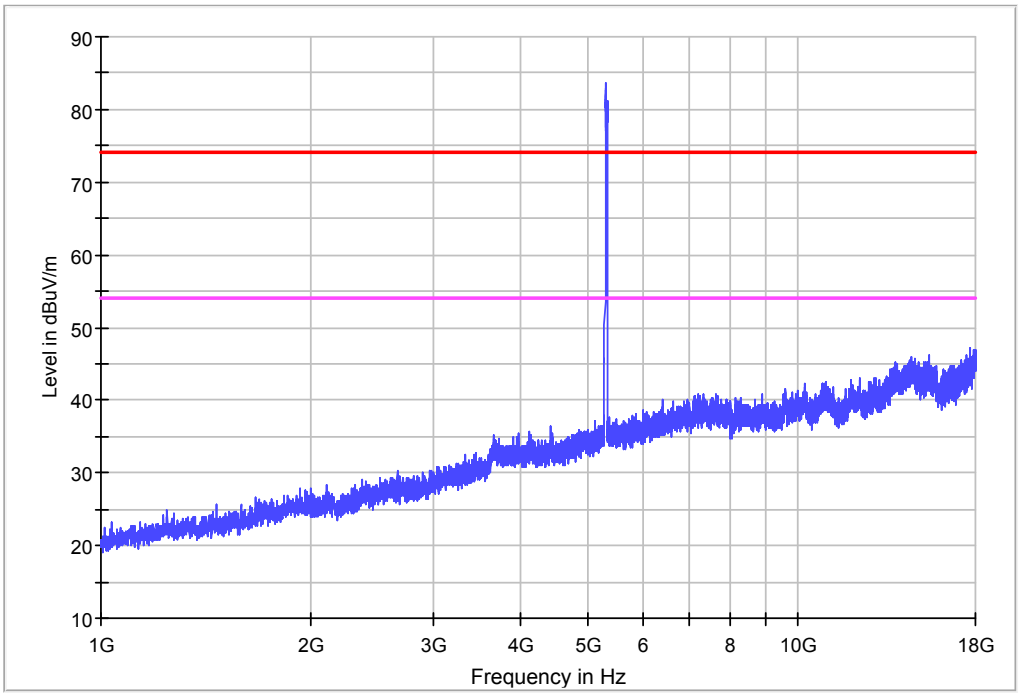


Vertical

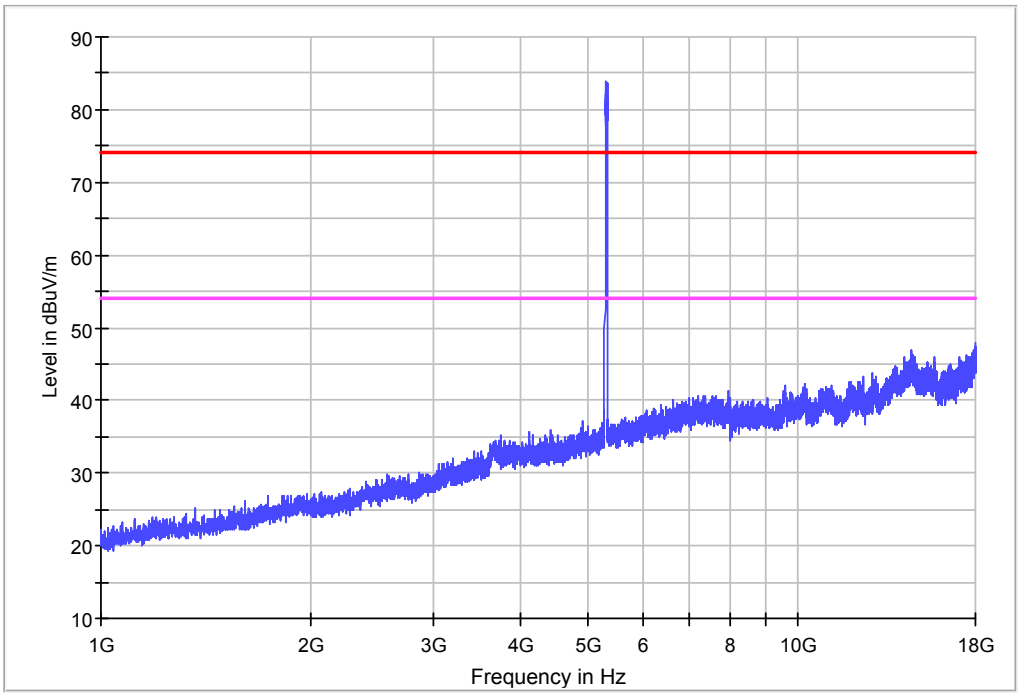
1-18G

11n HT40 IN THE 5.3GHz BAND

Ch62



Horizontal

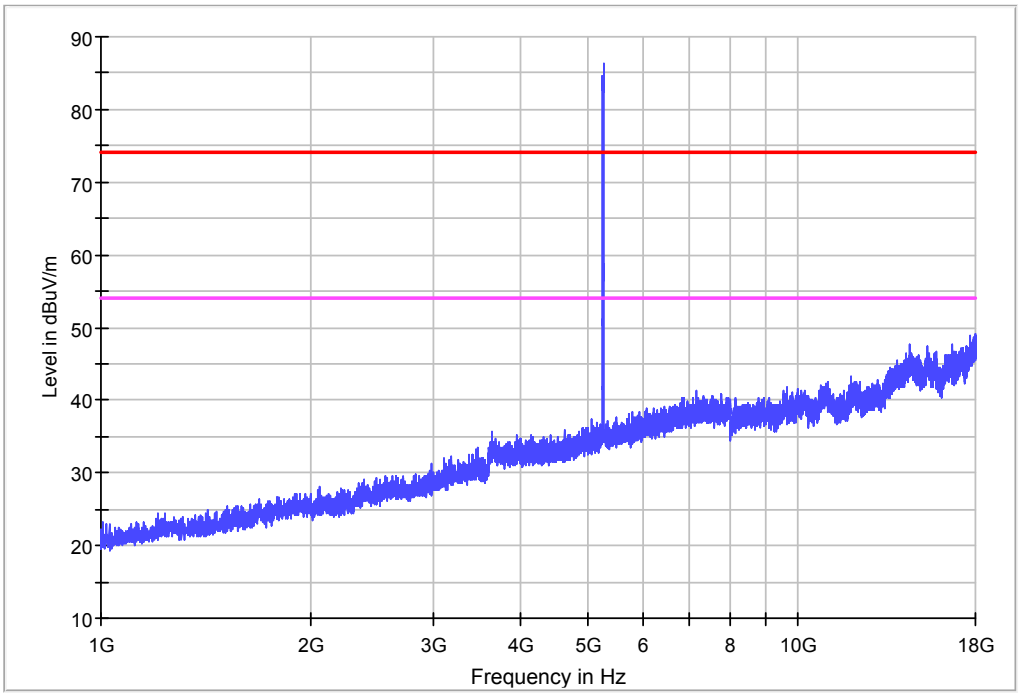


Vertical

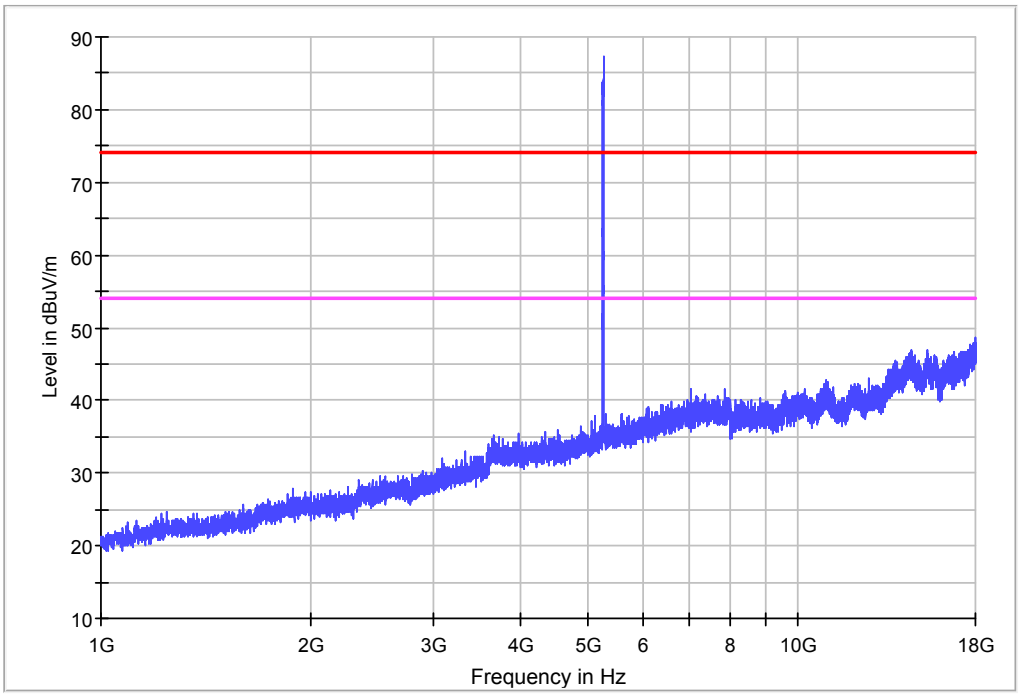
1-18G

11ac VHT20 IN THE 5.3GHz BAND

Ch52



Horizontal

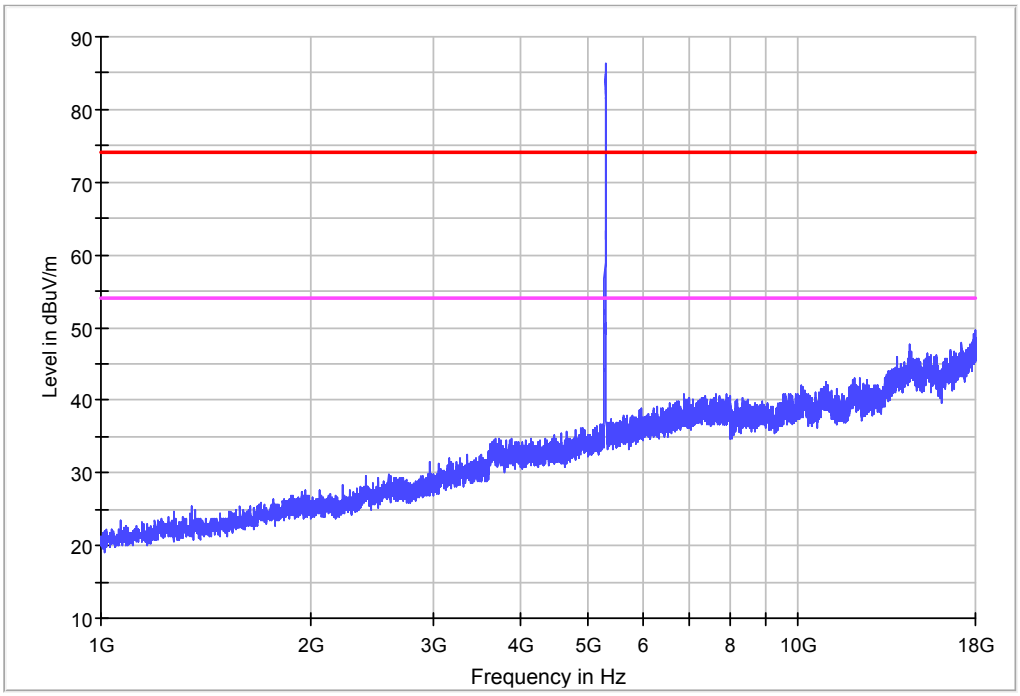


Vertical

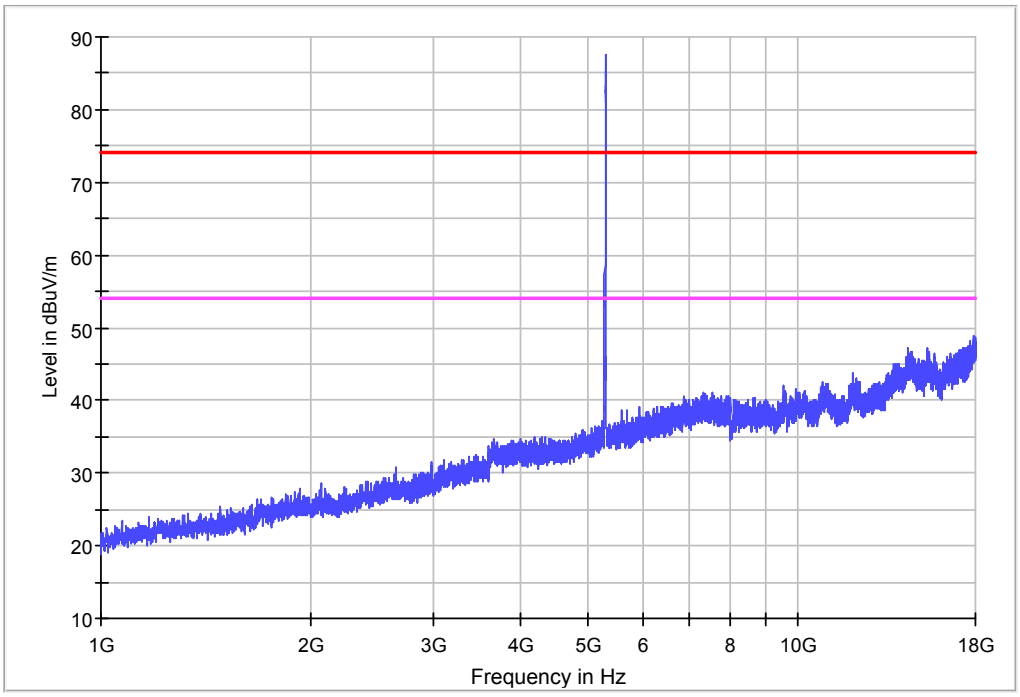
1-18G

11ac VHT20 THE 5.3GHz BAND

Ch60



Horizontal

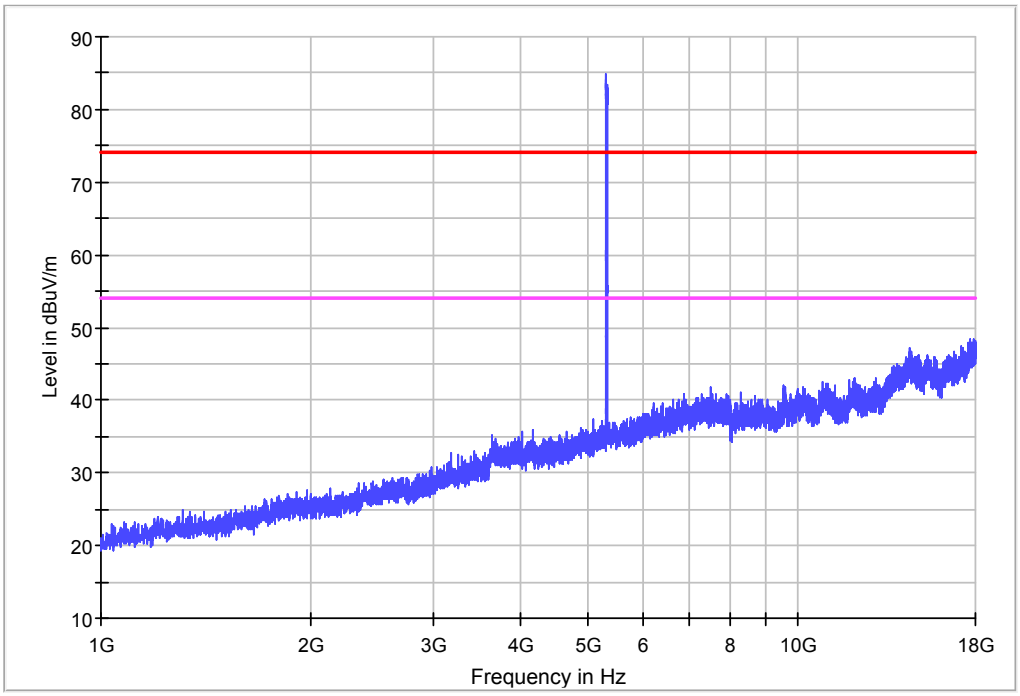


Vertical

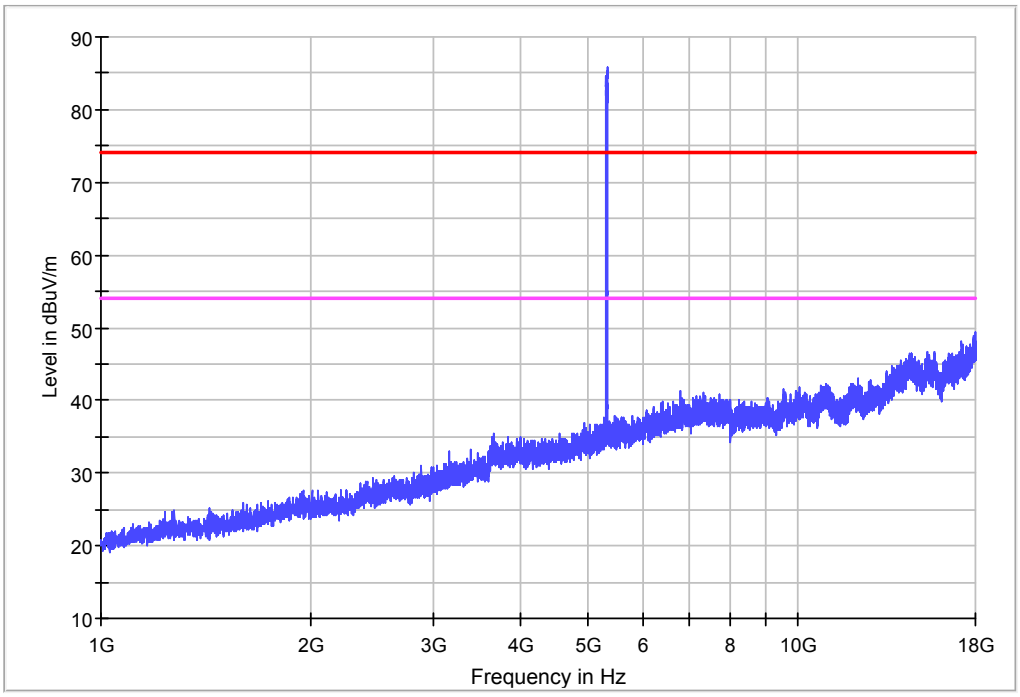
1-18G

11ac VHT20 IN THE 5.3GHz BAND

Ch64



Horizontal

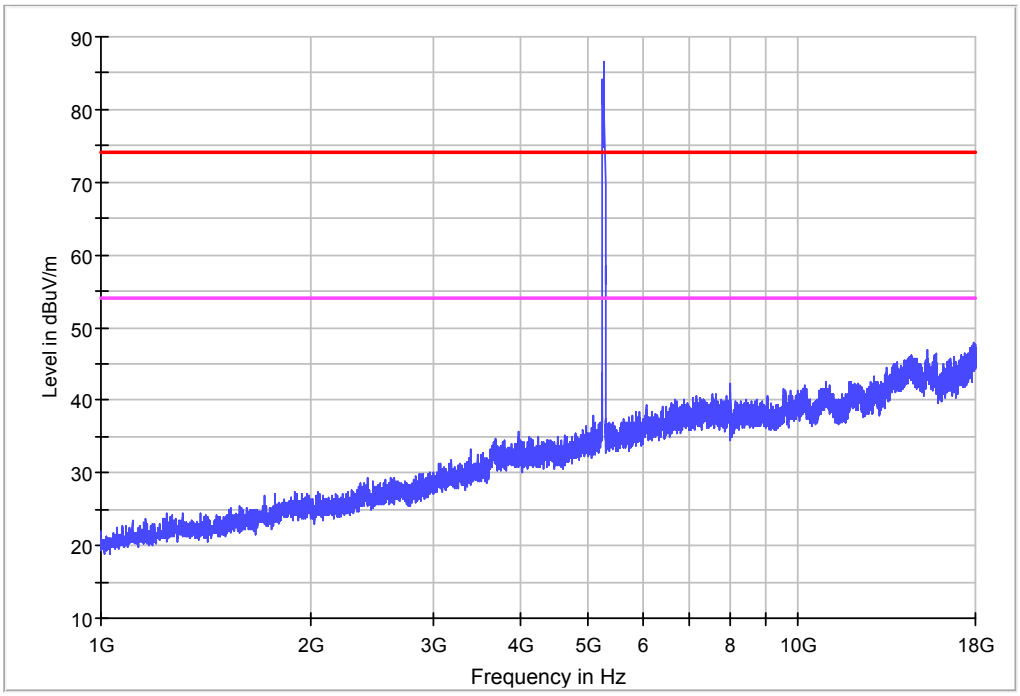


Vertical

1-18G

11ac VHT40 THE 5.3GHz BAND

Ch54



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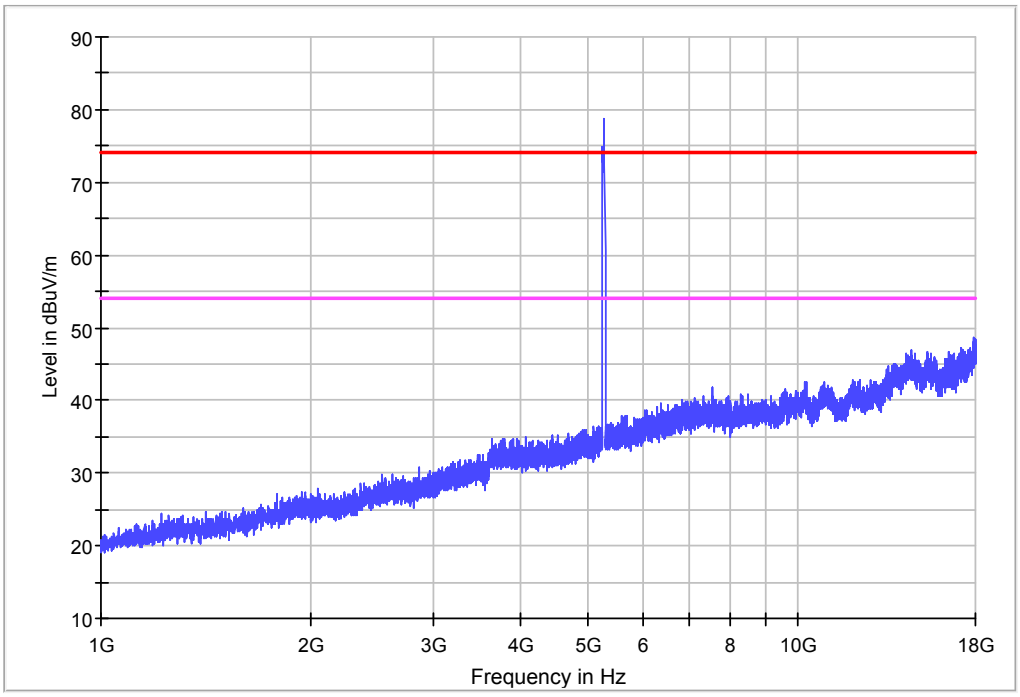
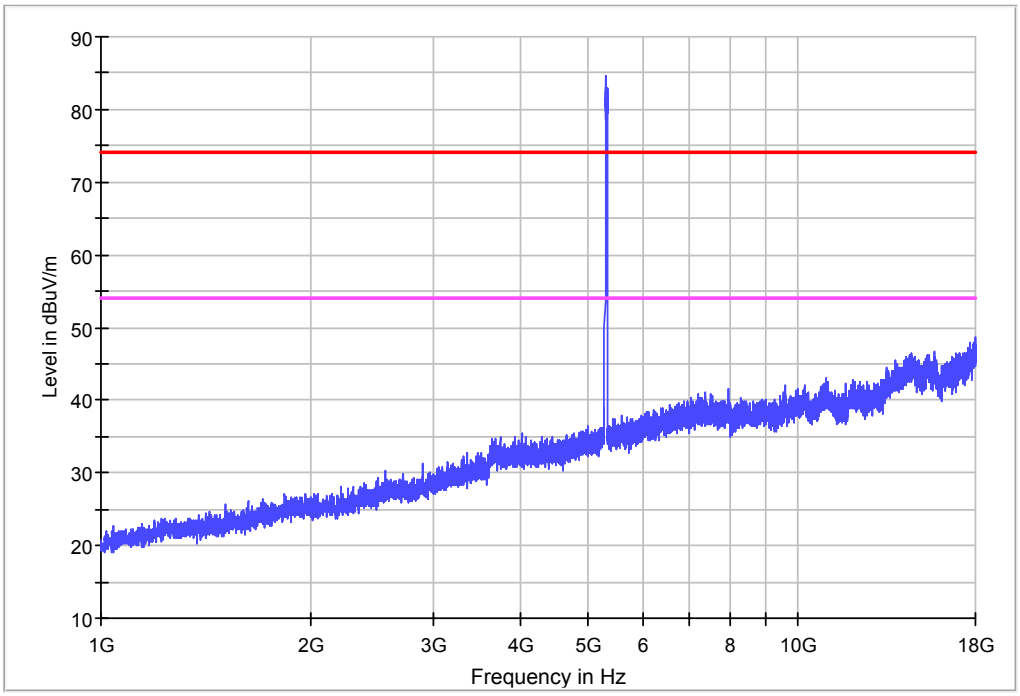


Vertical

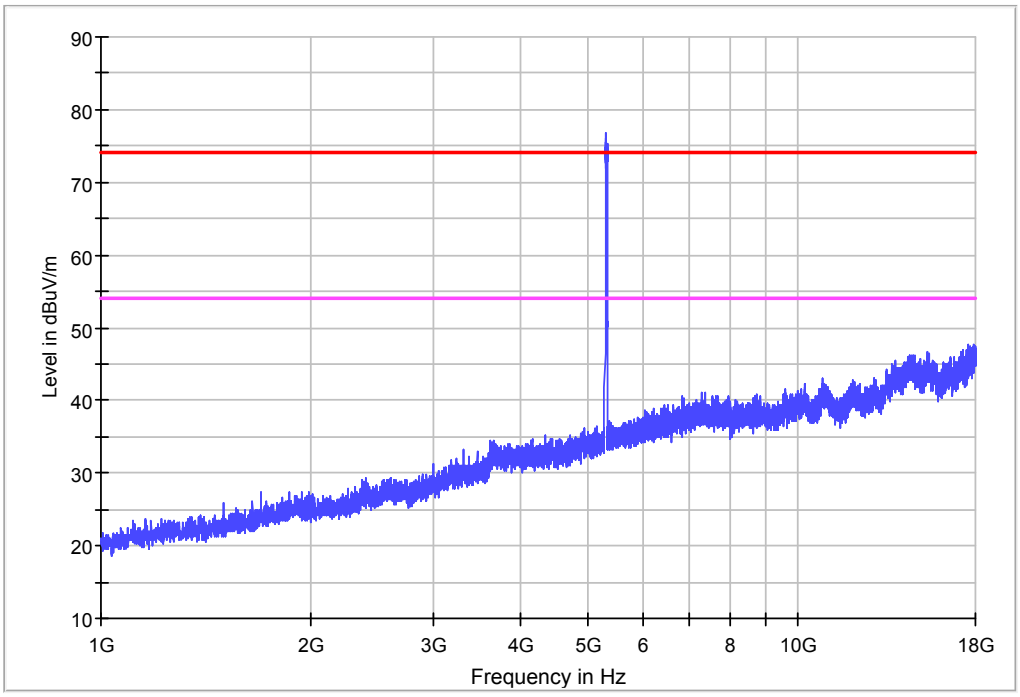
1-18G

11ac VHT40 IN THE 5.3GHz BAND

Ch62



Horizontal

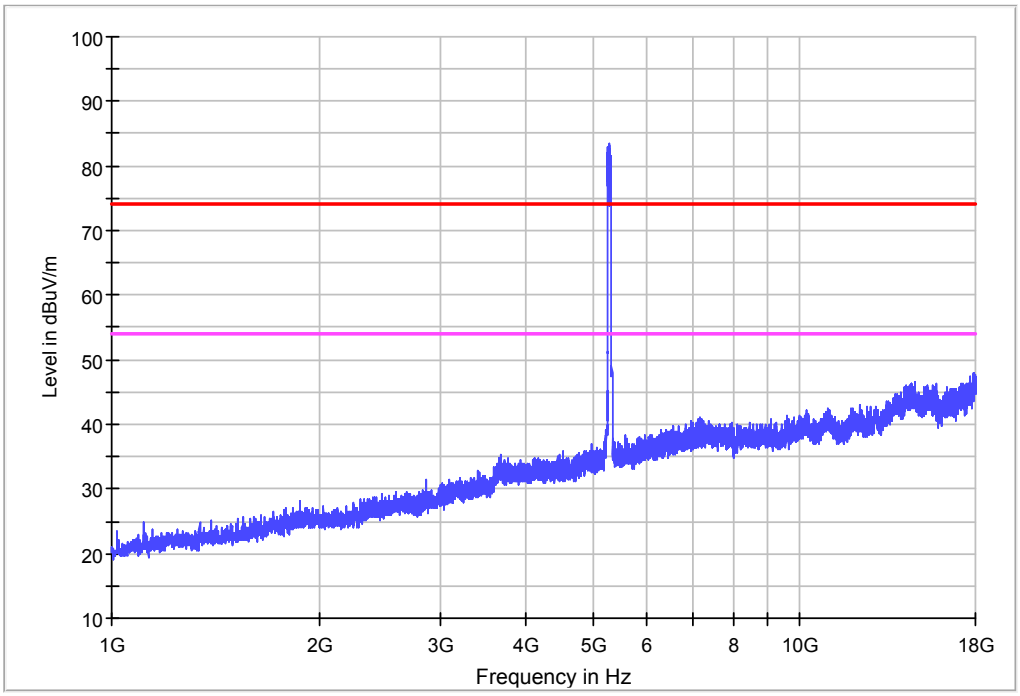


Vertical

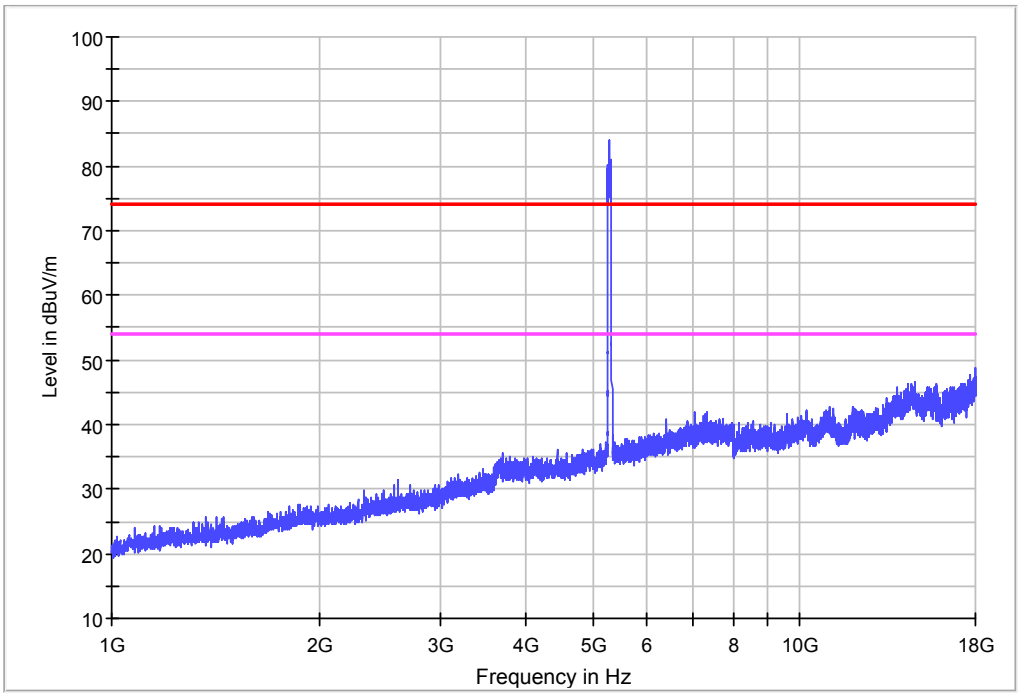
1-18G

11ac VHT80 IN THE 5.3GHz BAND

Ch58



Horizontal

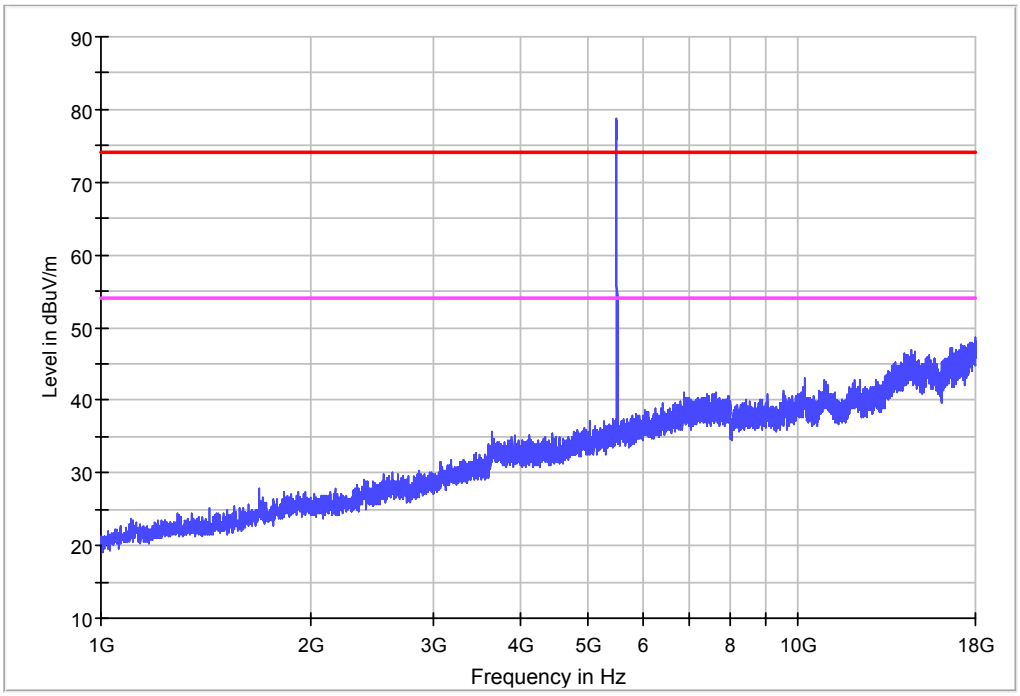


Vertical

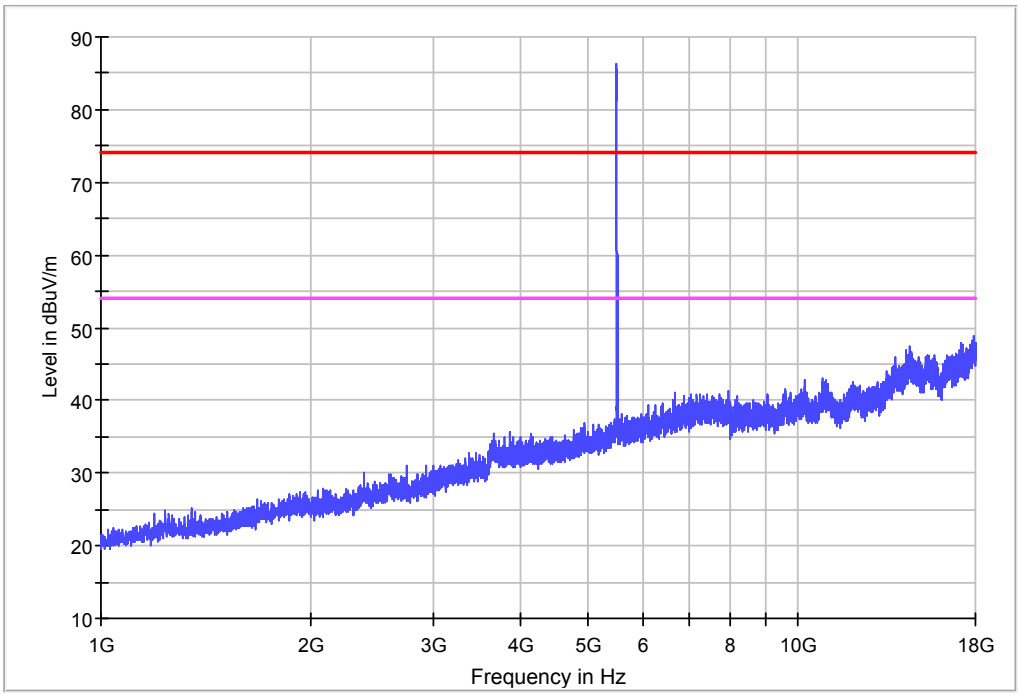
1-18G

11a IN THE 5.6GHz BAND

Ch100



Horizontal

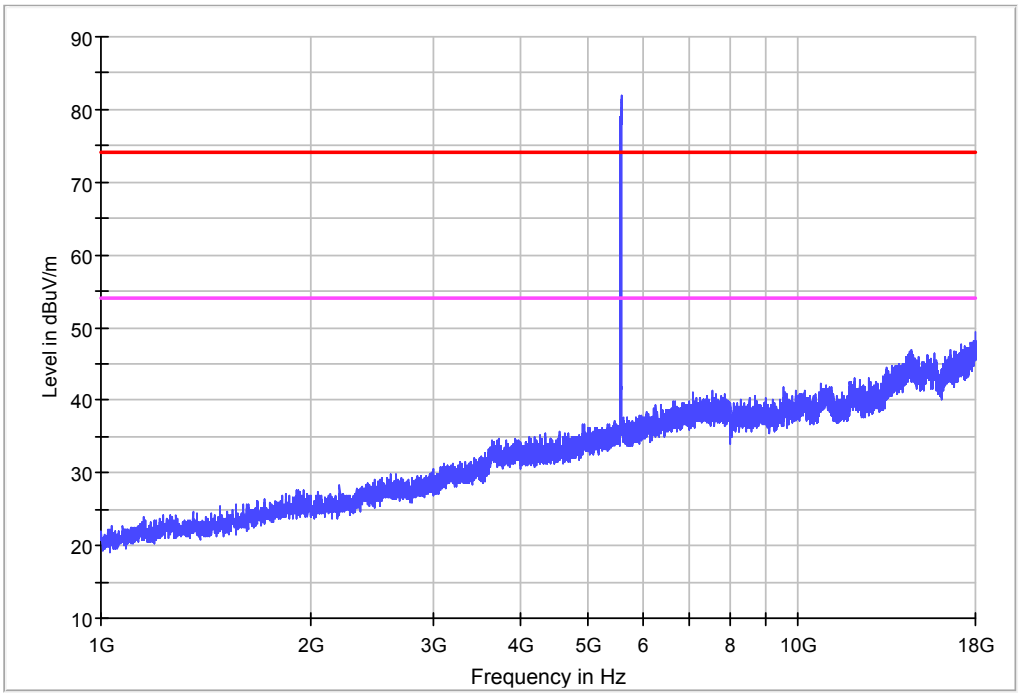


Vertical

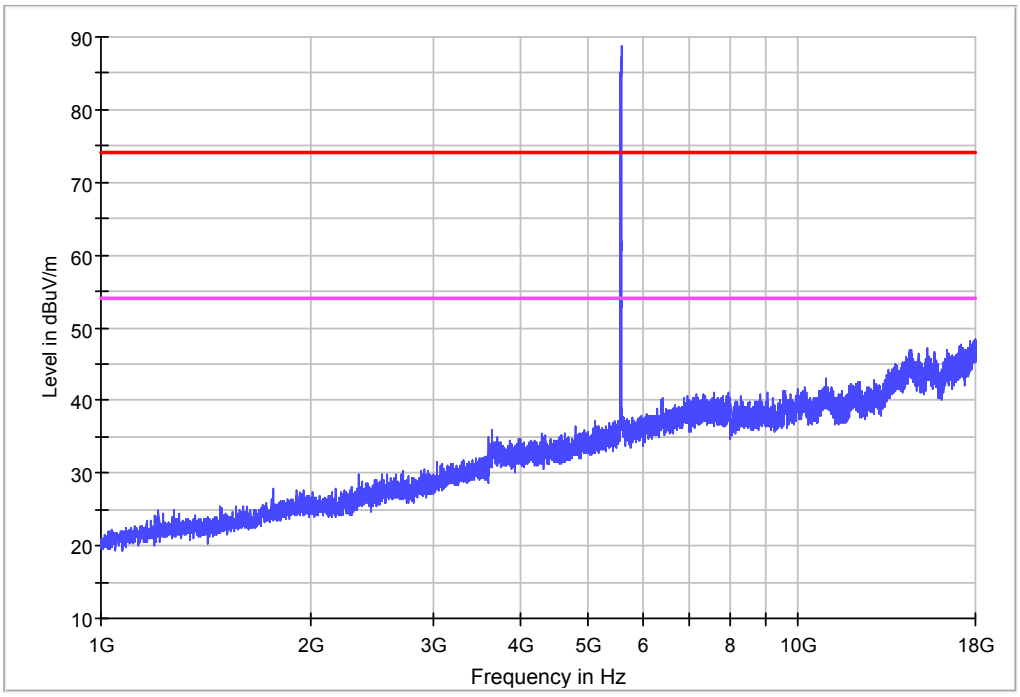
1-18G

11a IN THE 5.6GHz BAND

Ch116



Horizontal

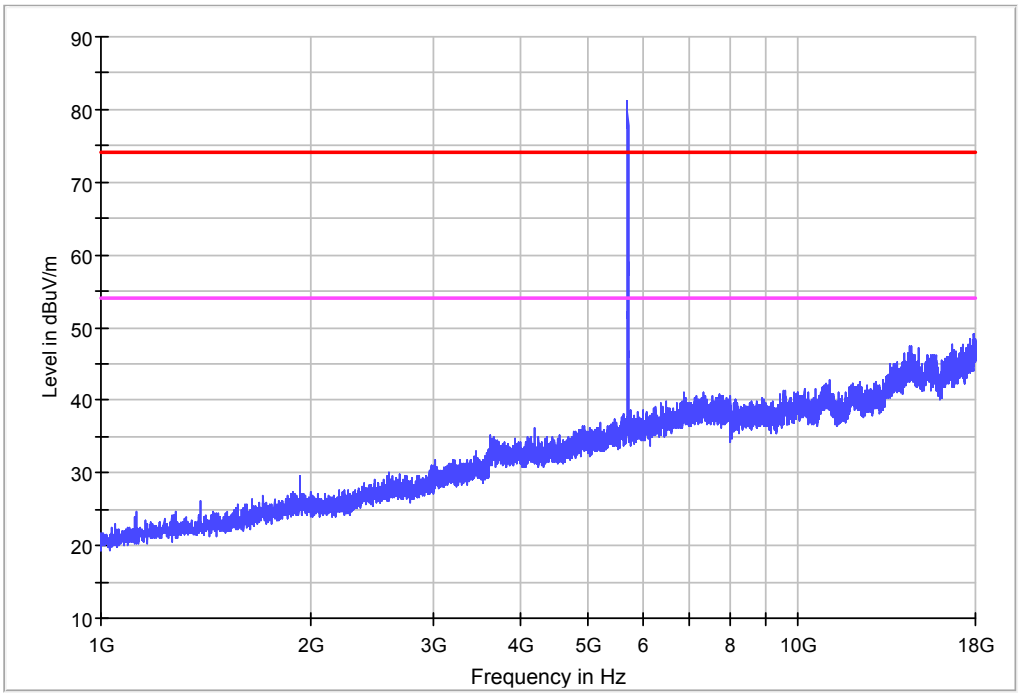


Vertical

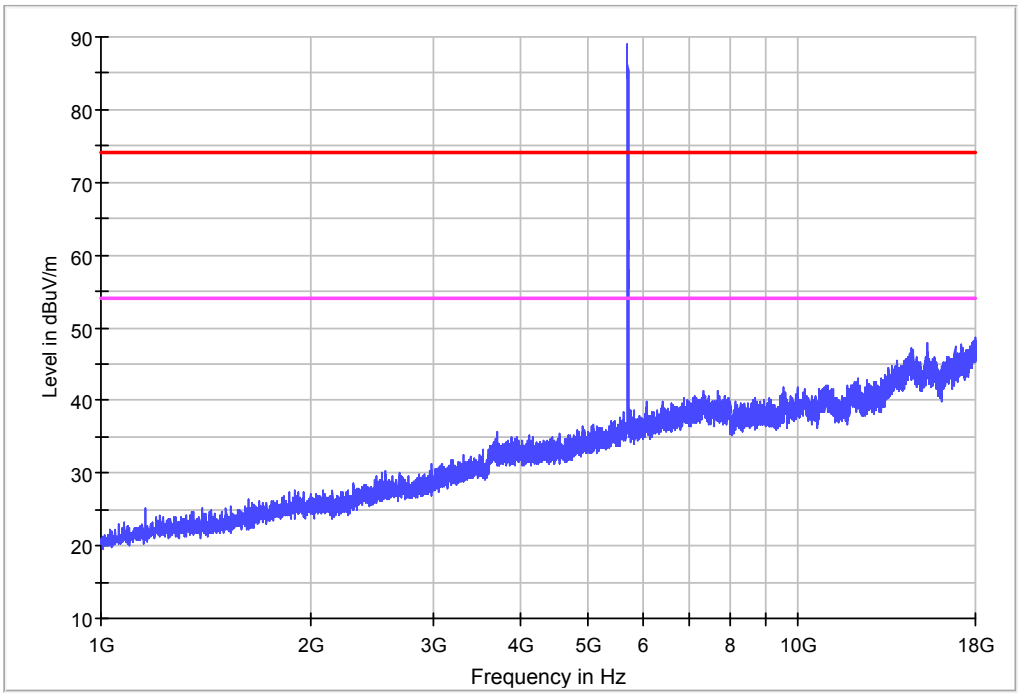
1-18G

11a IN THE 5.6GHz BAND

Ch140



Horizontal

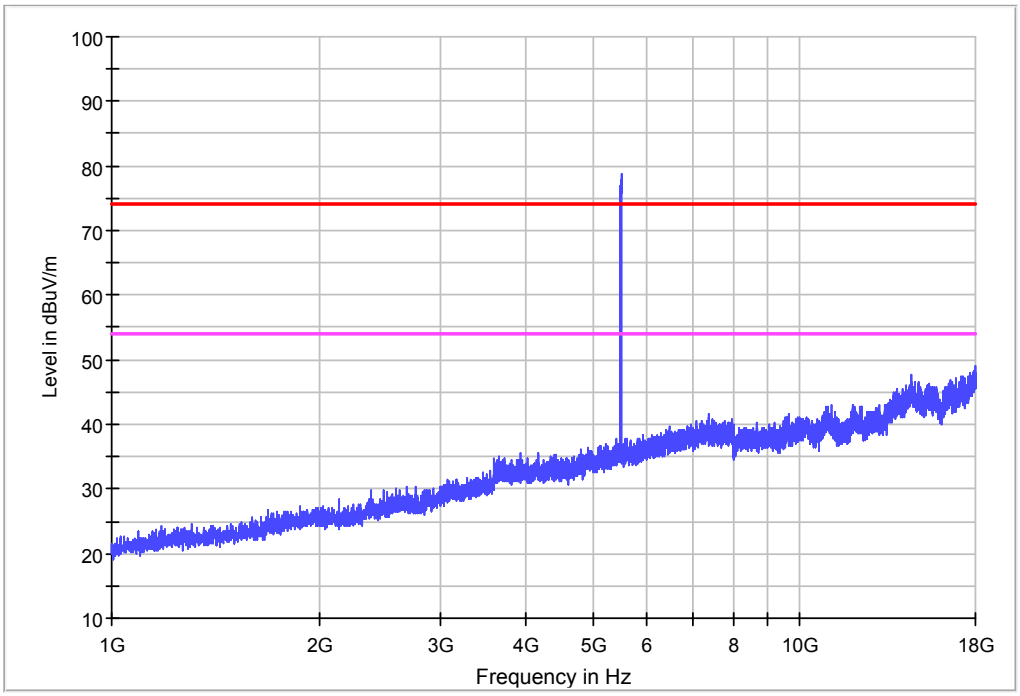


Vertical

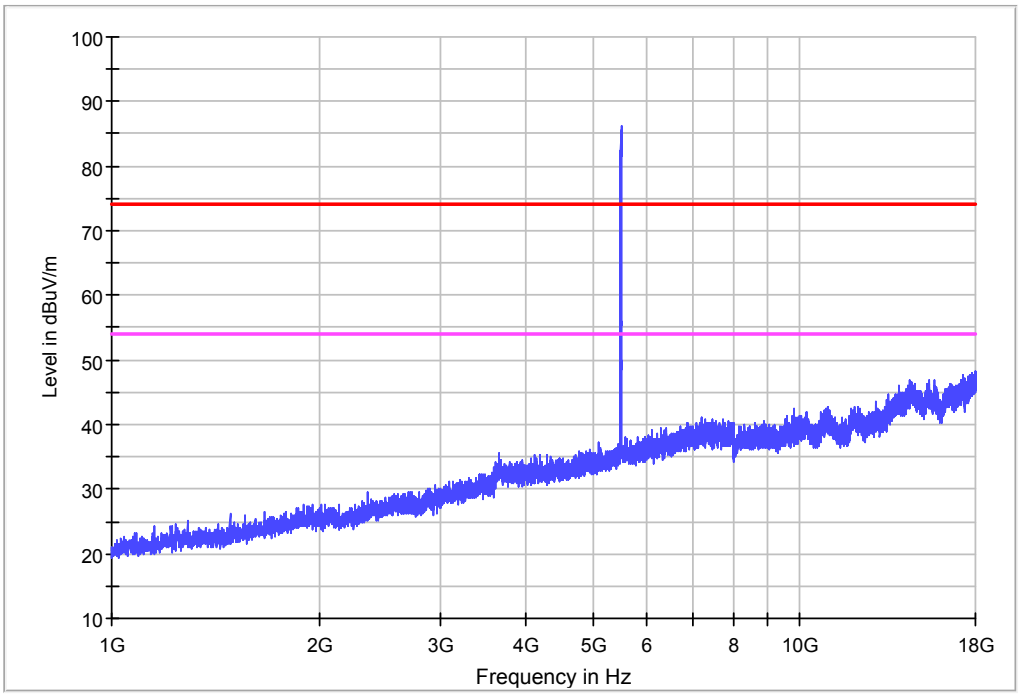
1-18G

11n HT20 IN THE 5.6GHz BAND

Ch100



Horizontal

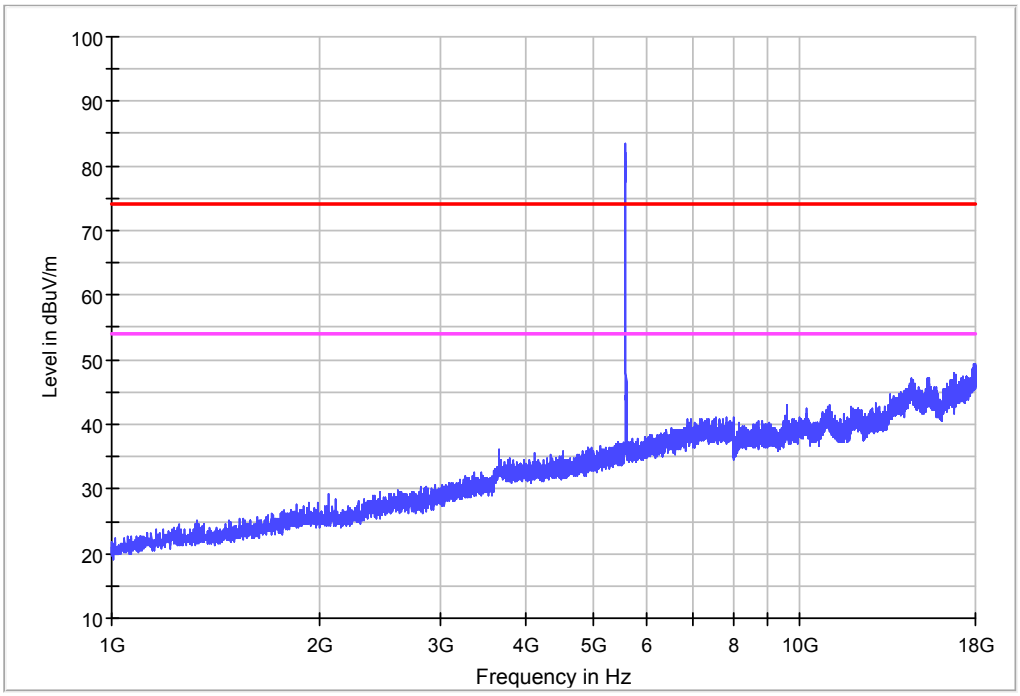


Vertical

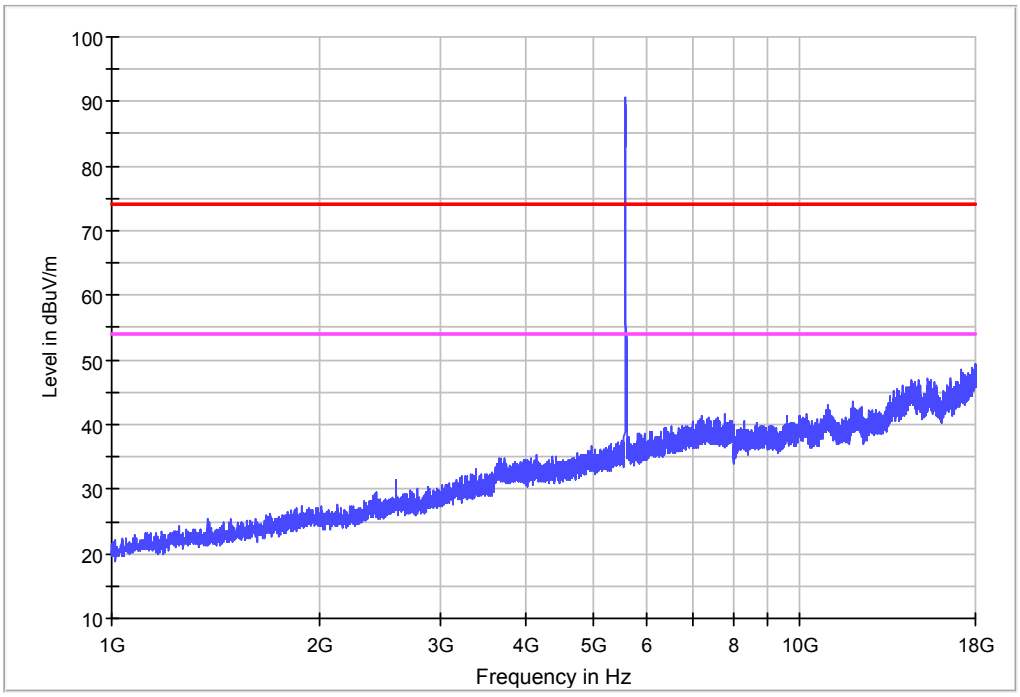
1-18G

11n HT20 THE 5.6GHz BAND

Ch116



Horizontal

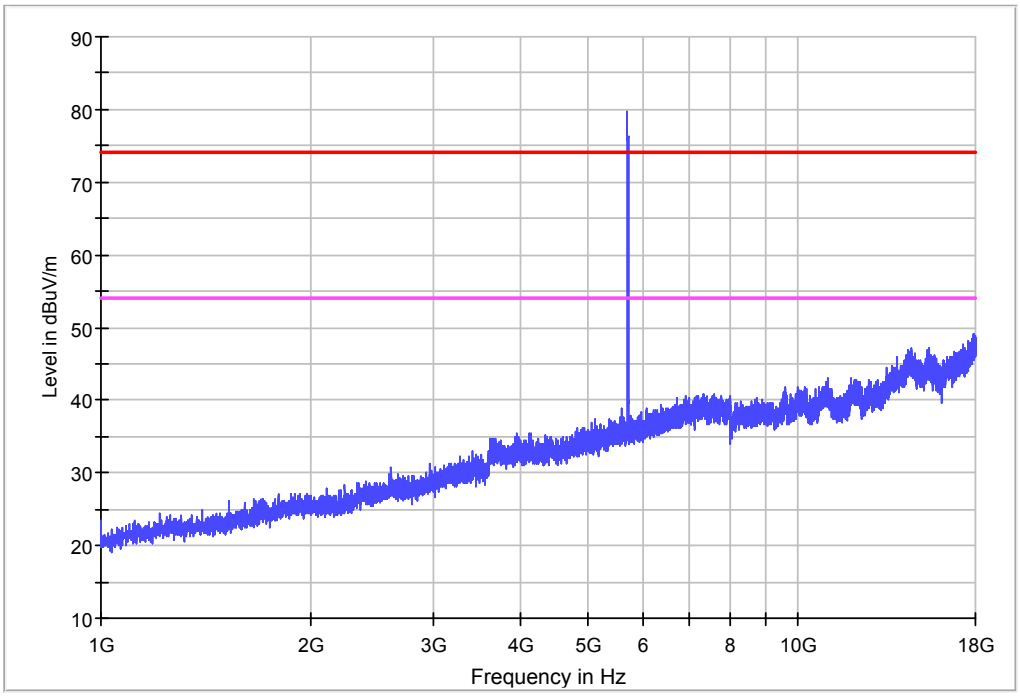


Vertical

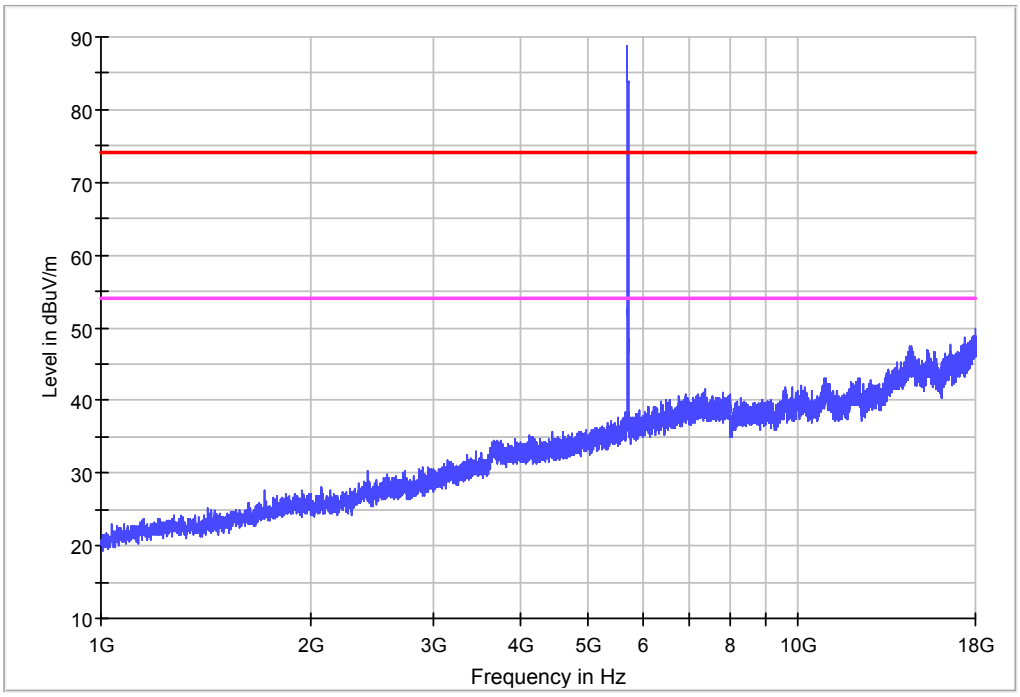
1-18G

11n HT20 IN THE 5.6GHz BAND

Ch140



Horizontal

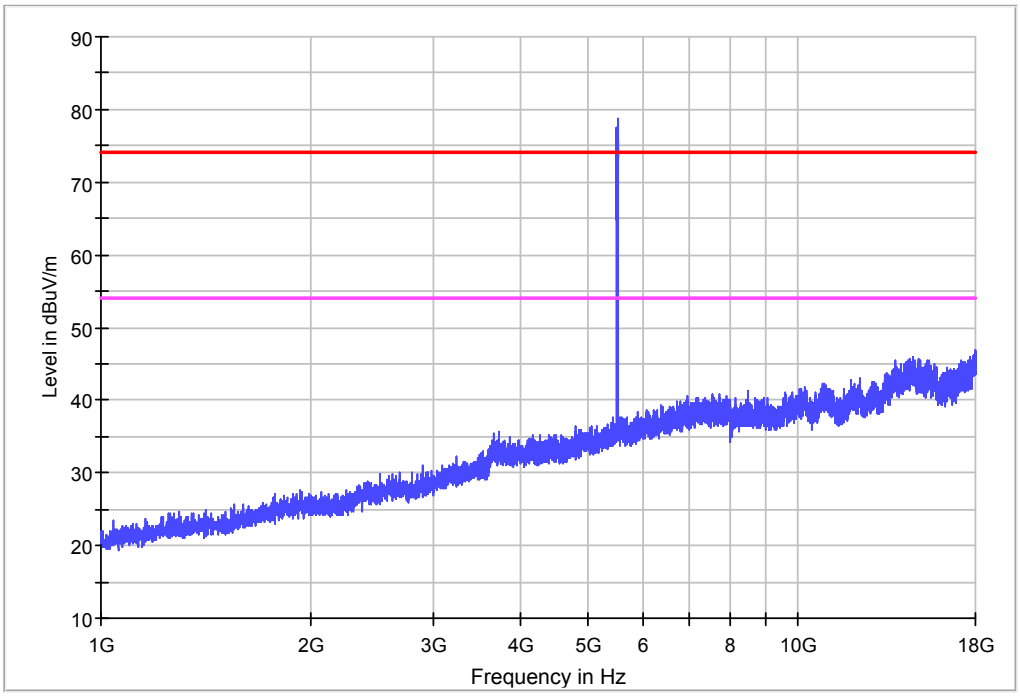


Vertical

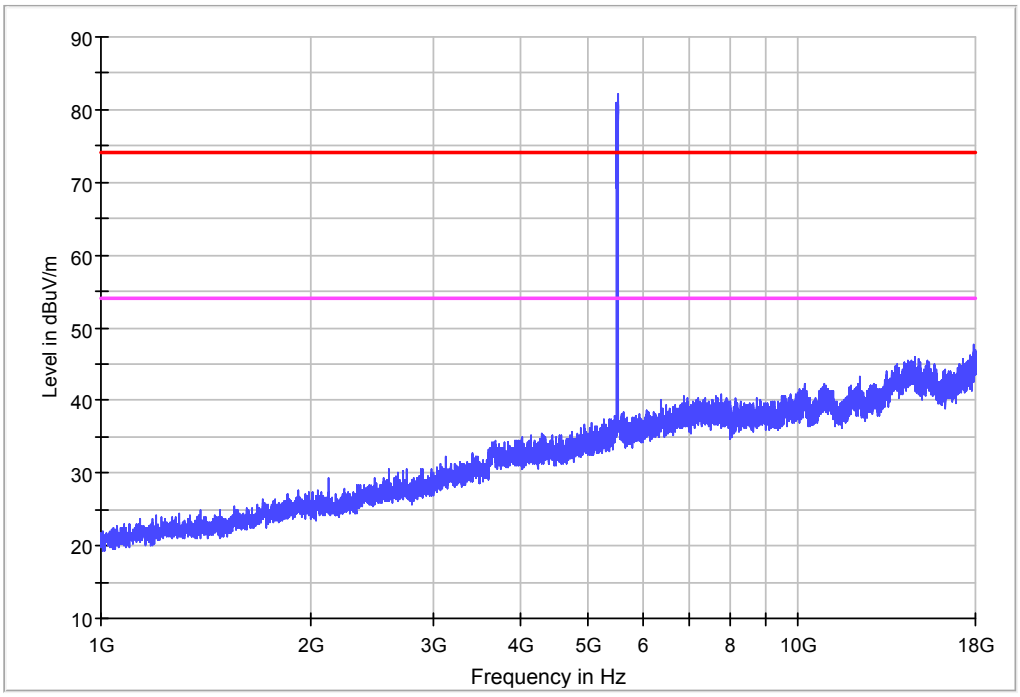
1-18G

11n HT40 THE 5.6GHz BAND

Ch102



Horizontal

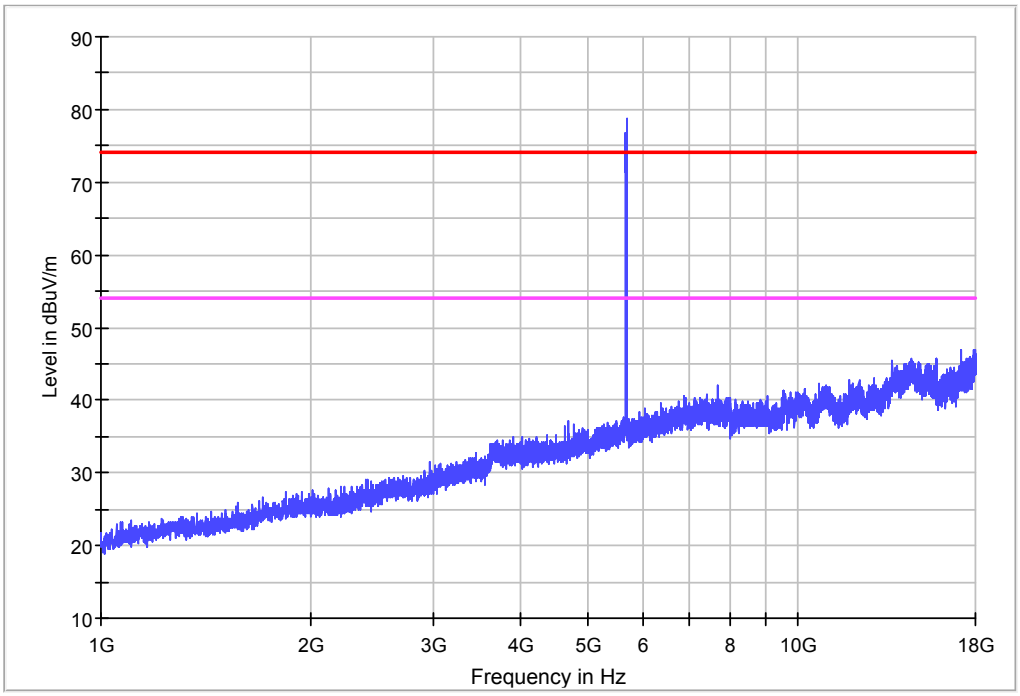


Vertical

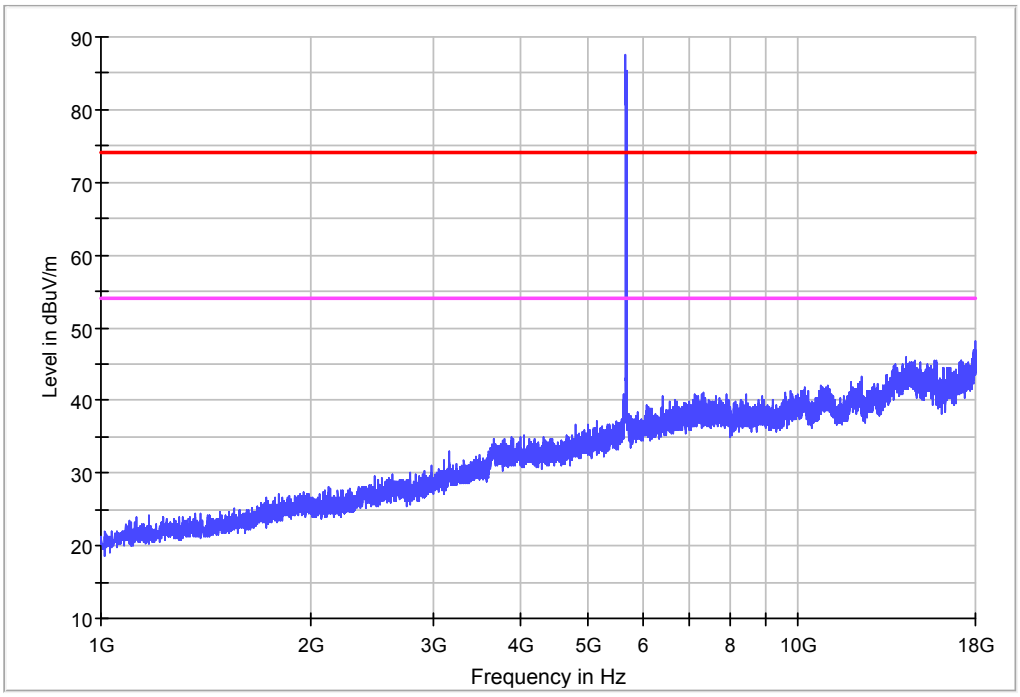
1-18G

11n HT40 IN THE 5.6GHz BAND

Ch134



Horizontal

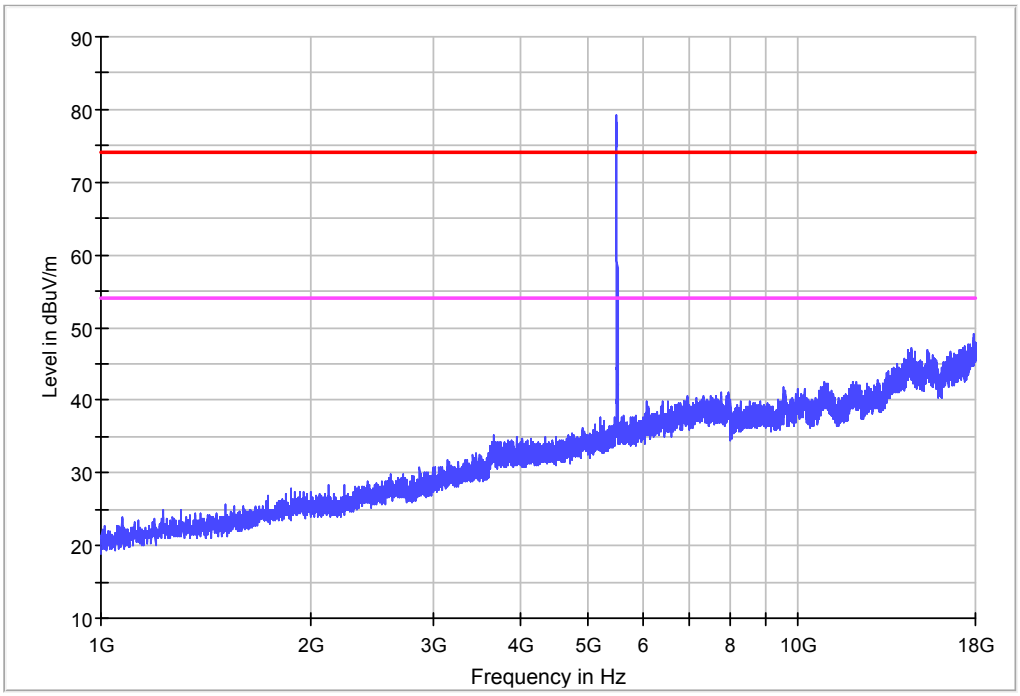


Vertical

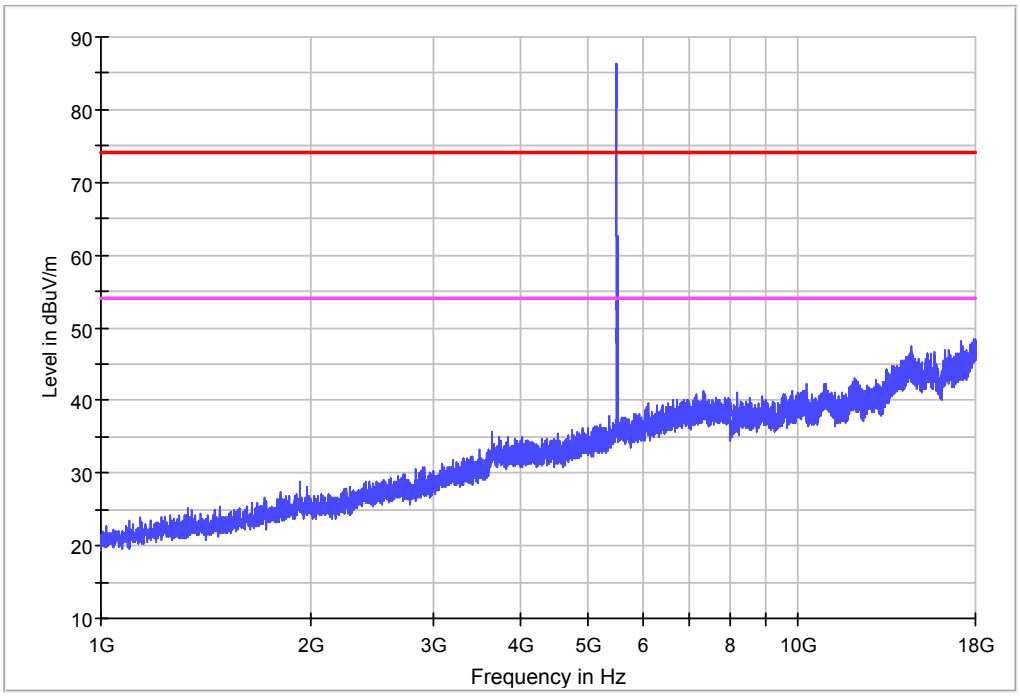
1-18G

11ac VHT20 IN THE 5.6GHz BAND

Ch100



Horizontal

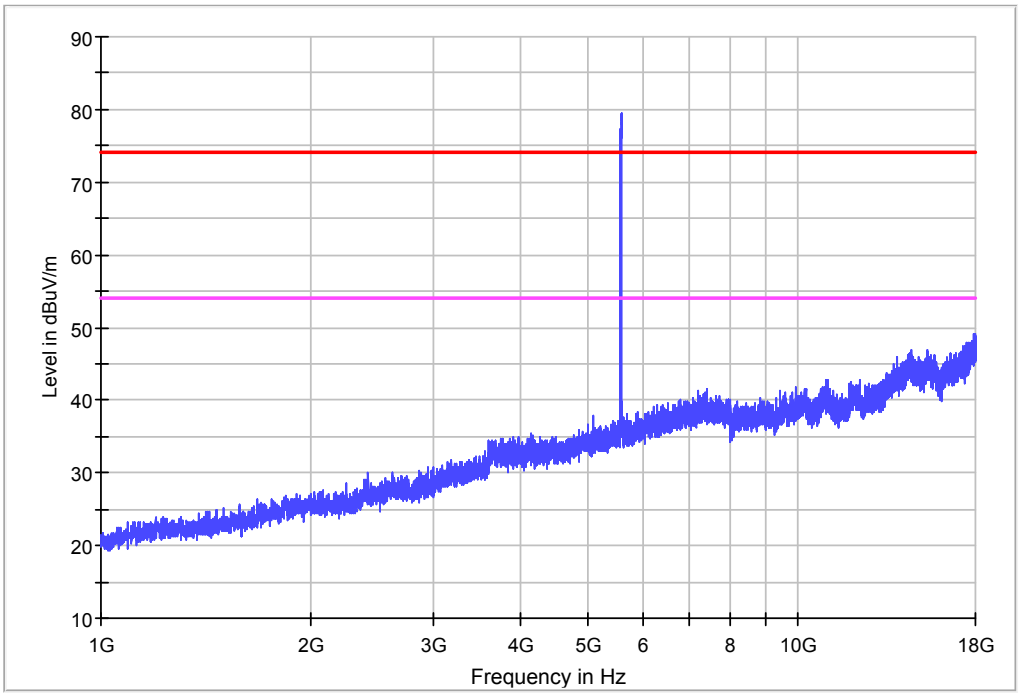


Vertical

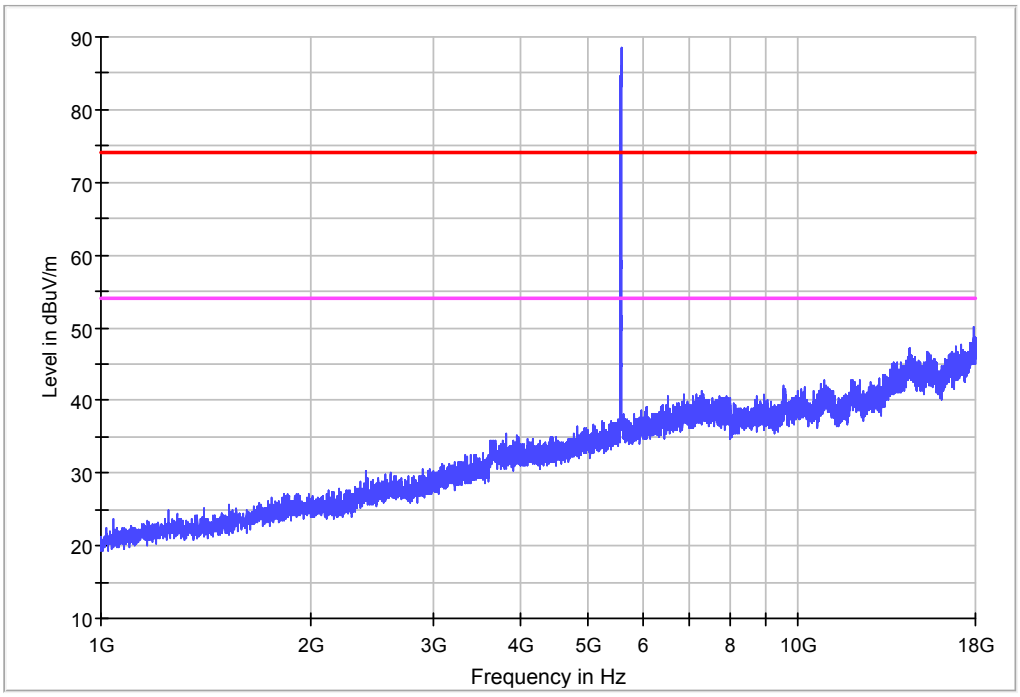
1-18G

11ac VHT20 THE 5.6GHz BAND

Ch116



Horizontal

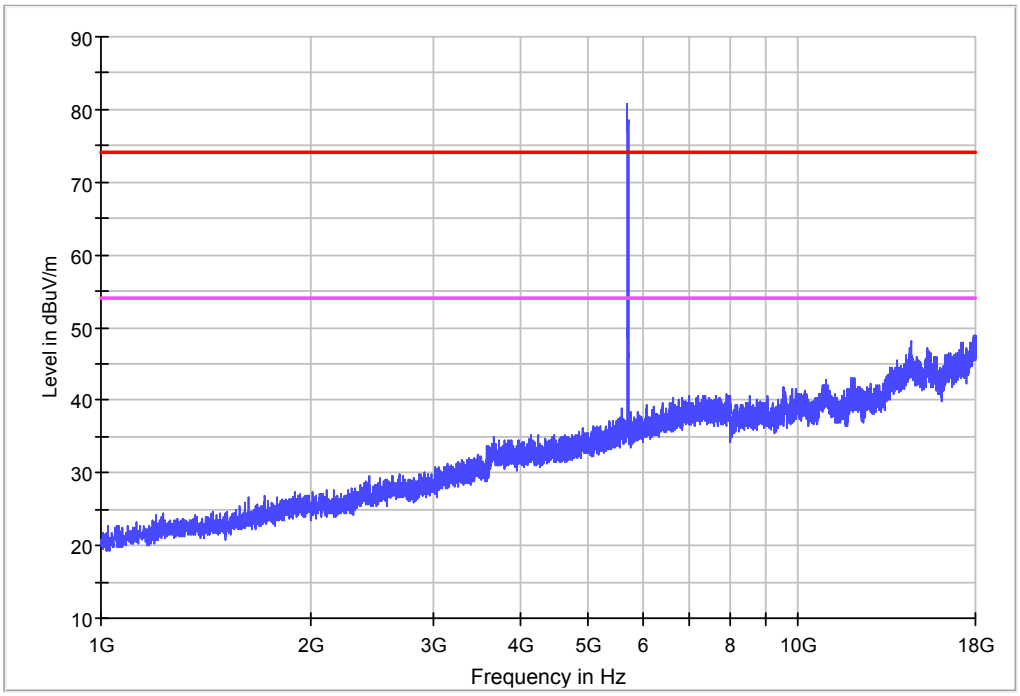


Vertical

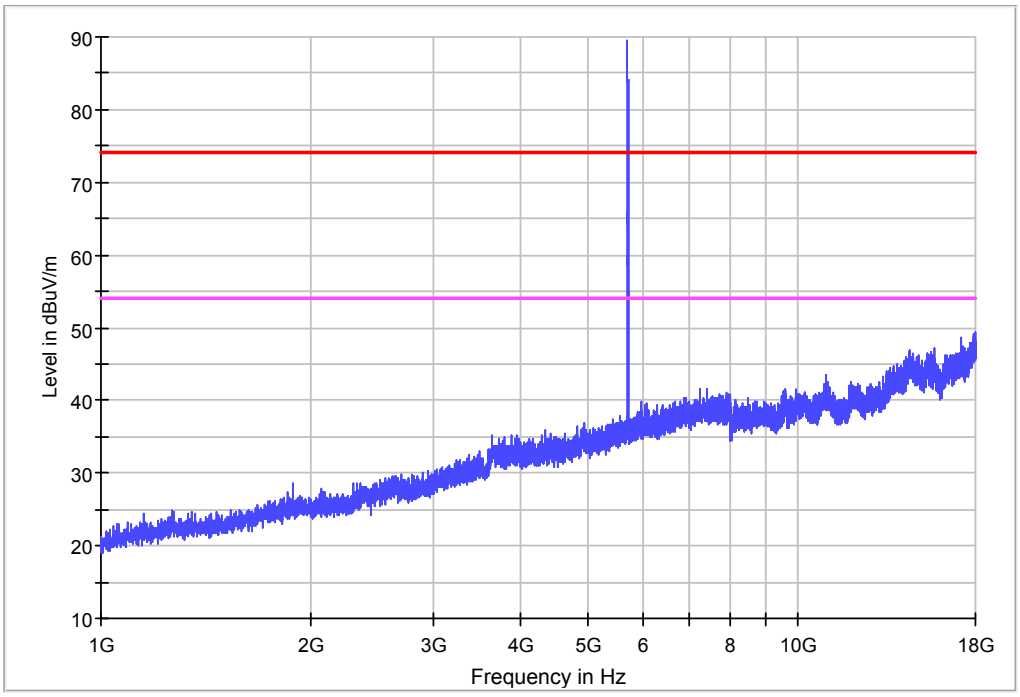
1-18G

11ac VHT20 IN THE 5.6GHz BAND

Ch140



Horizontal

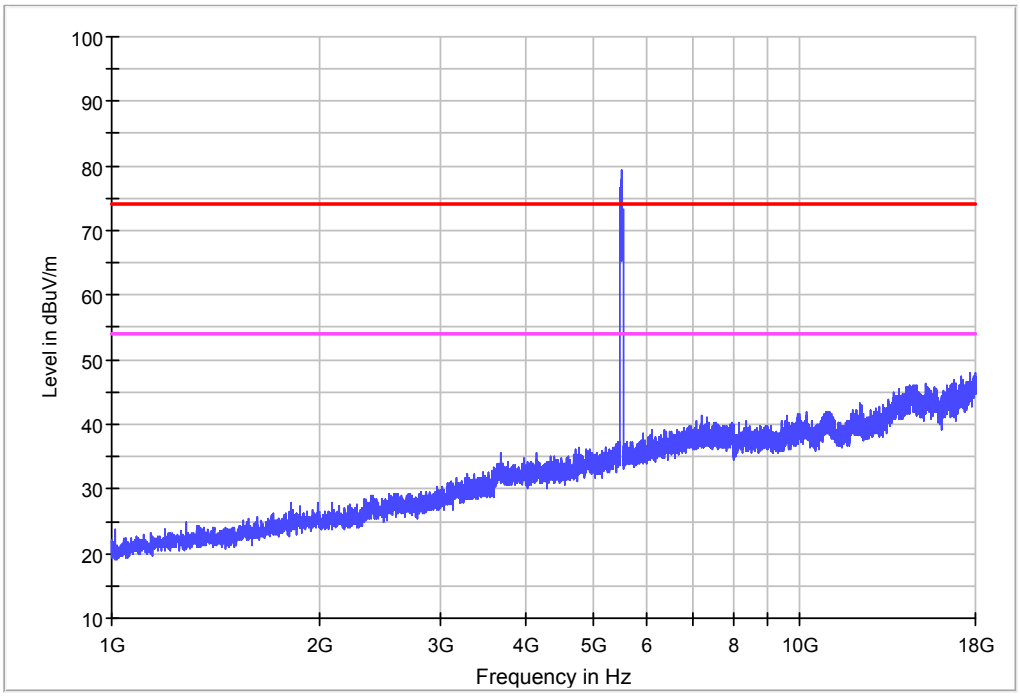


Vertical

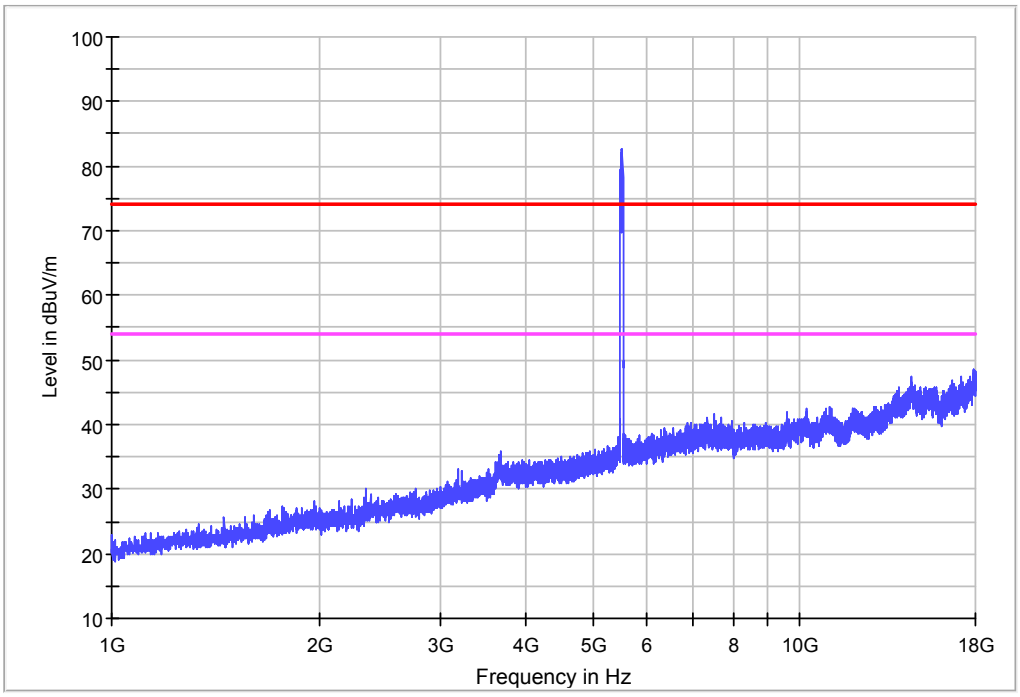
1-18G

11ac VHT40 THE 5.6GHz BAND

Ch102



Horizontal

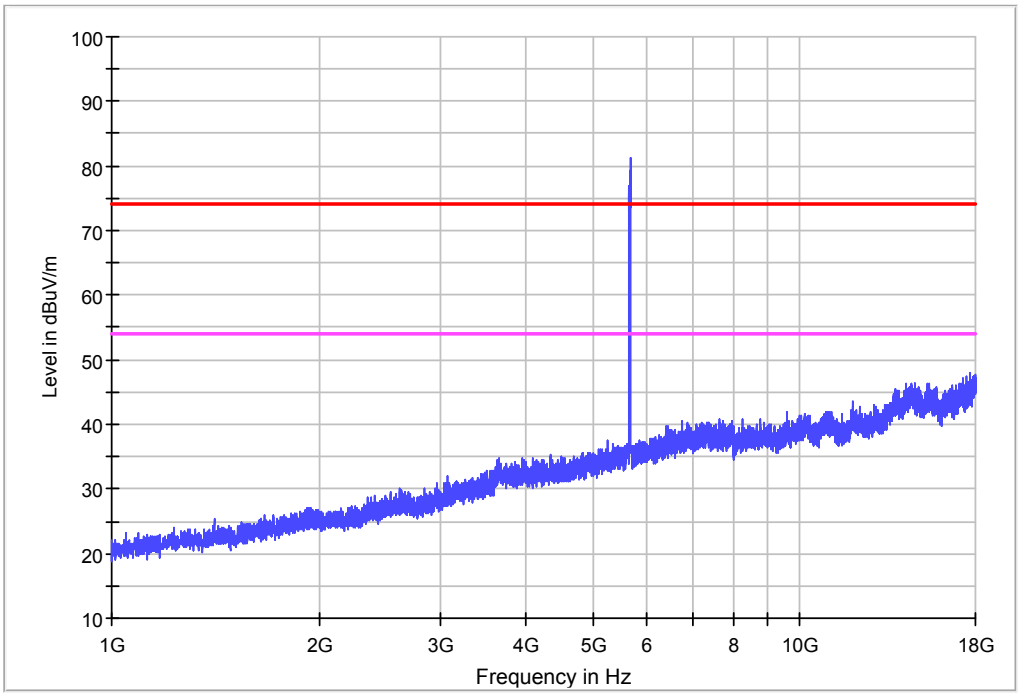


Vertical

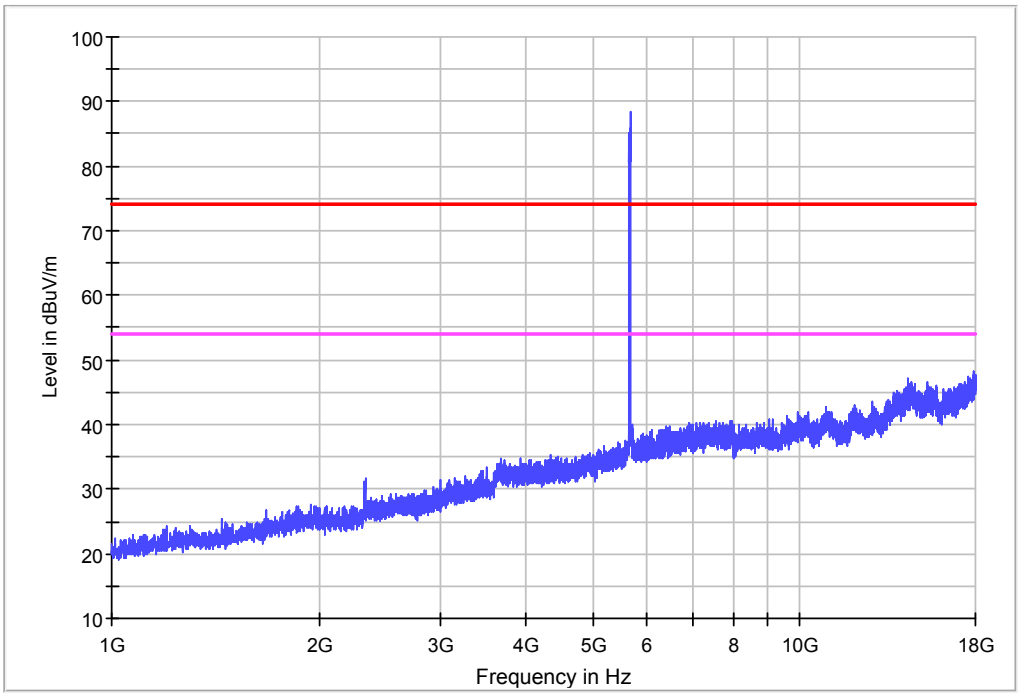
1-18G

11ac VHT40 IN THE 5.6GHz BAND

Ch134



Horizontal

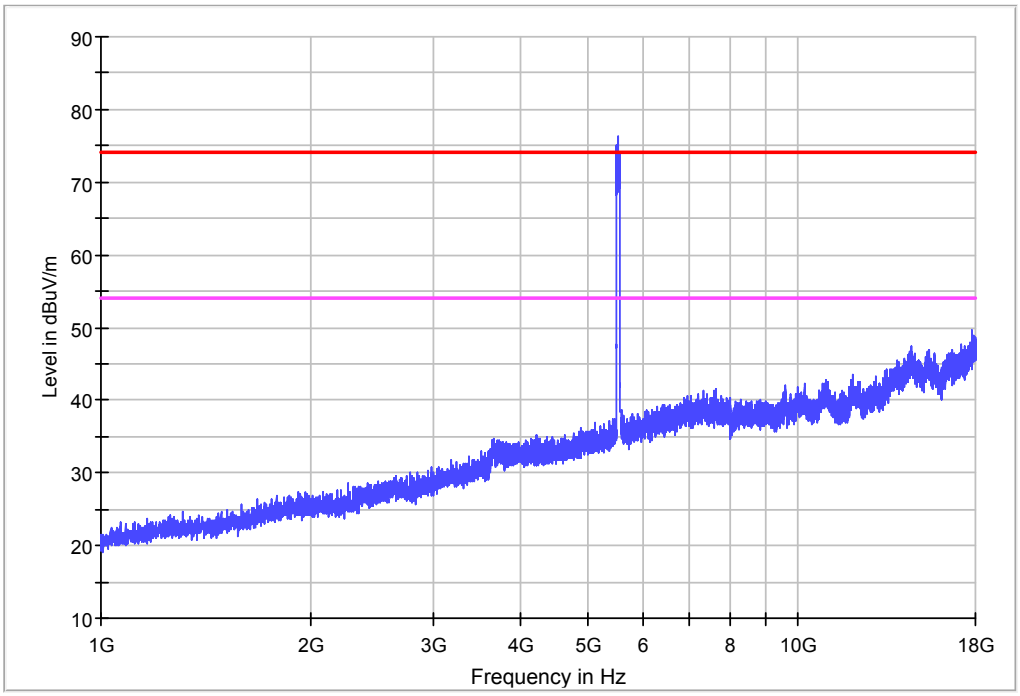


Vertical

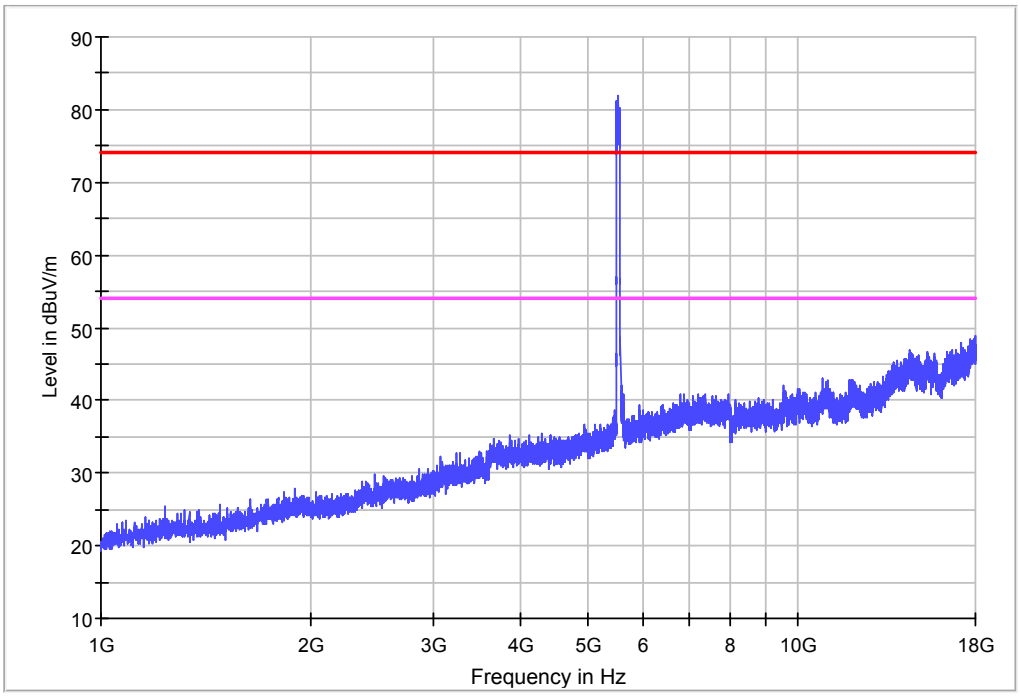
1-18G

11ac VHT80 IN THE 5.6GHz BAND

Ch106



Horizontal

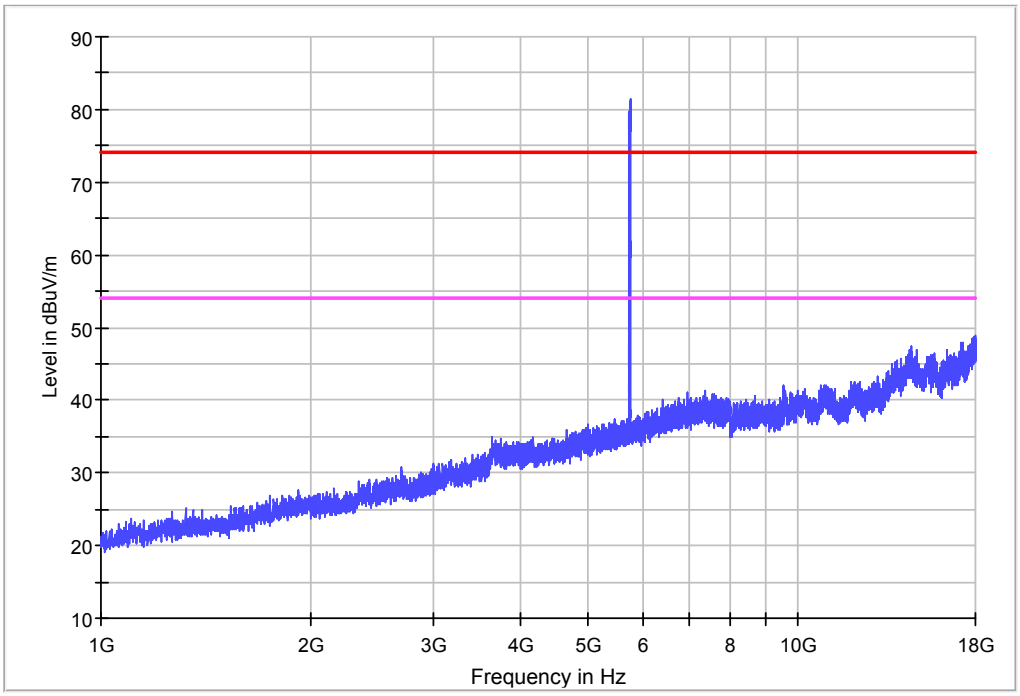


Vertical

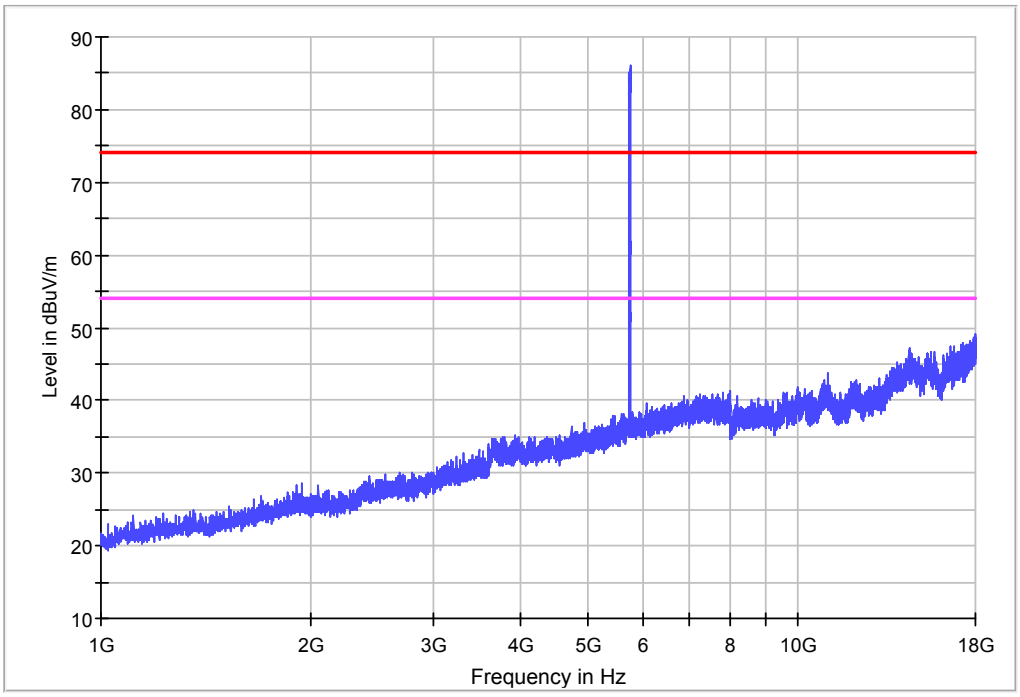
1-18G

11a IN THE 5.8GHz BAND

Ch149



Horizontal

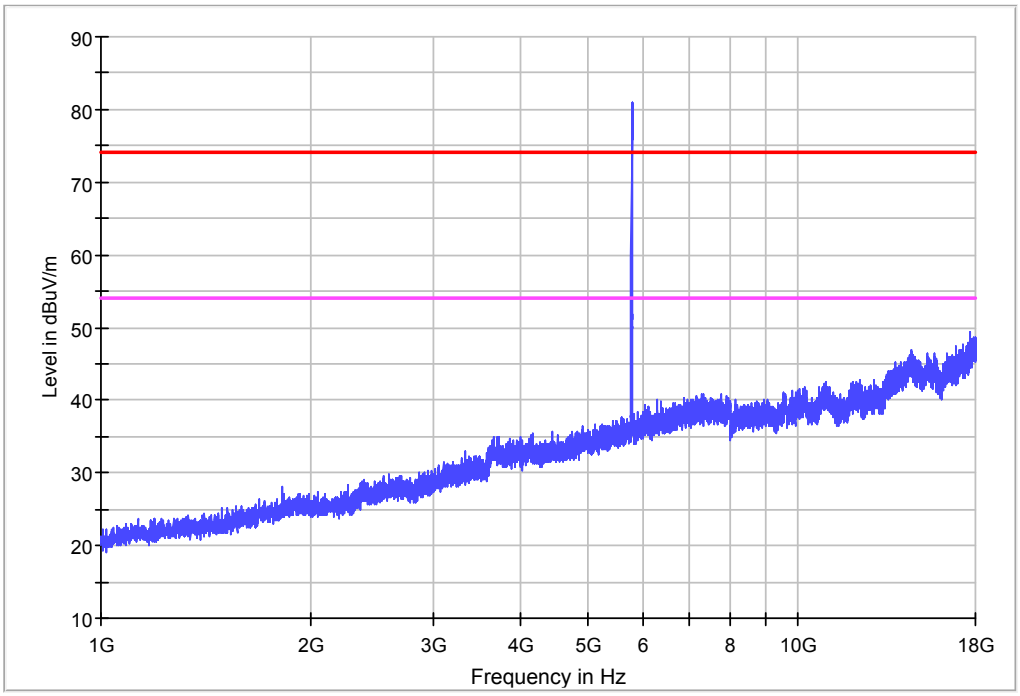


Vertical

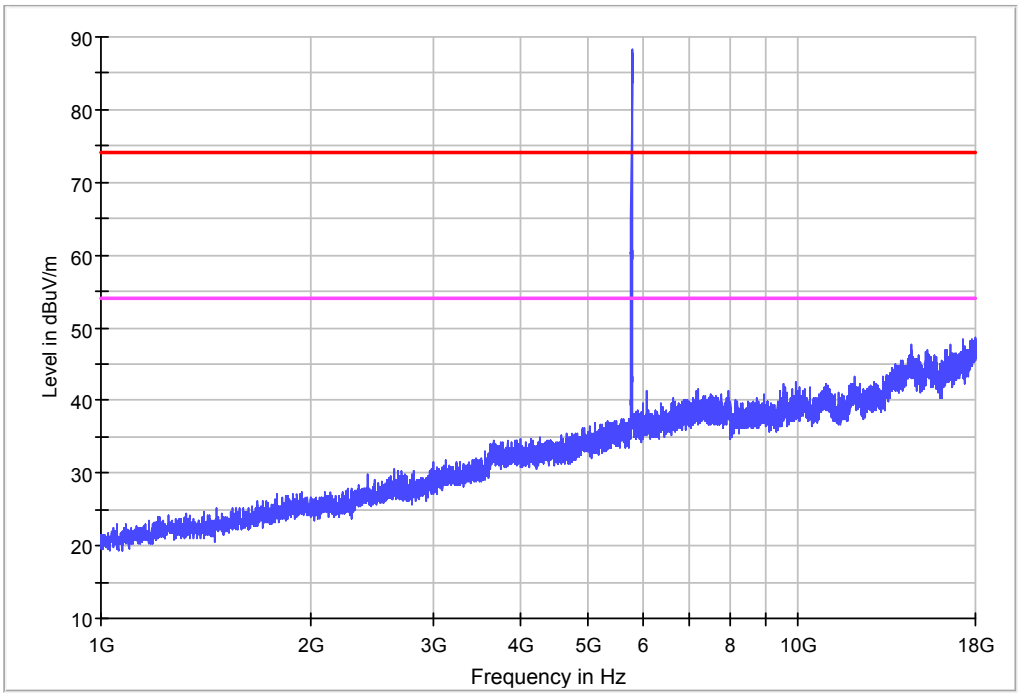
1-18G

11a IN THE 5.8GHz BAND

Ch157



Horizontal

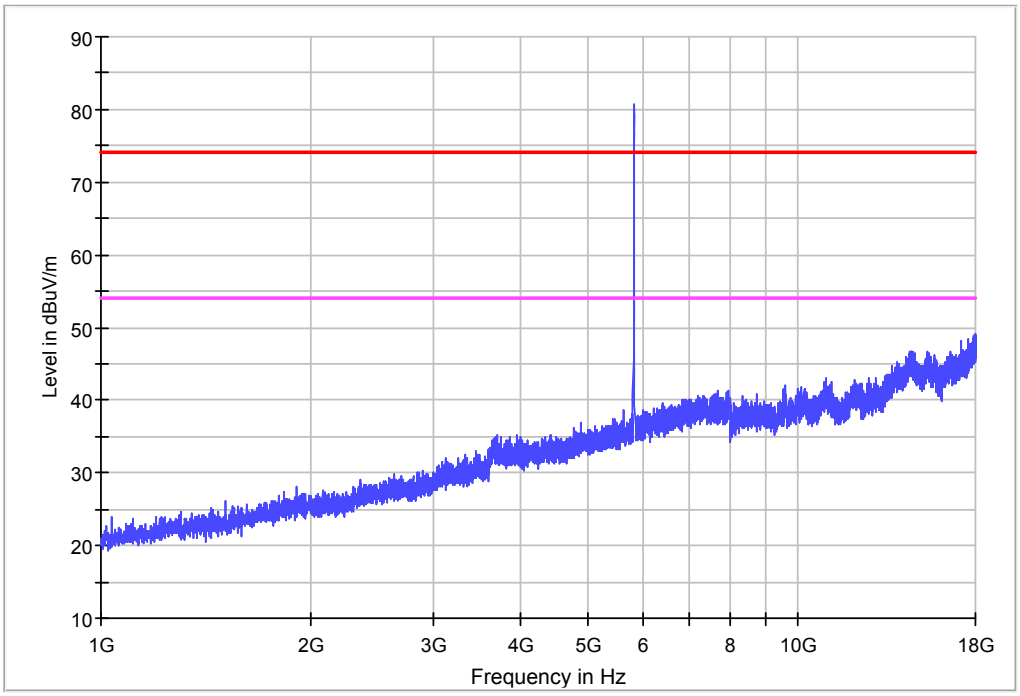


Vertical

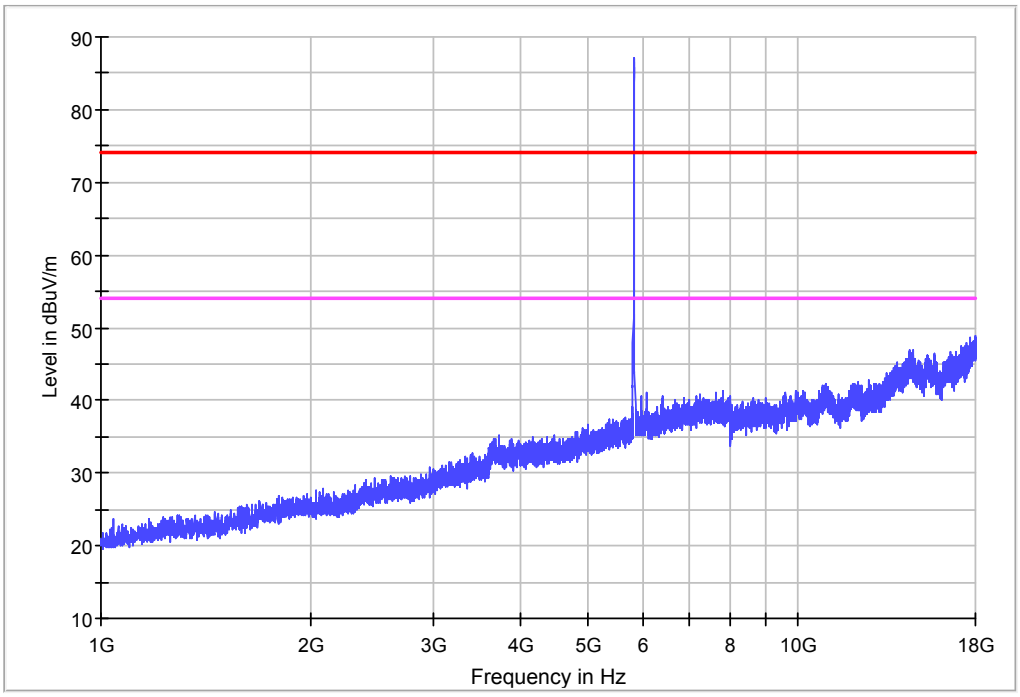
1-18G

11a IN THE 5.8GHz BAND

Ch165



Horizontal

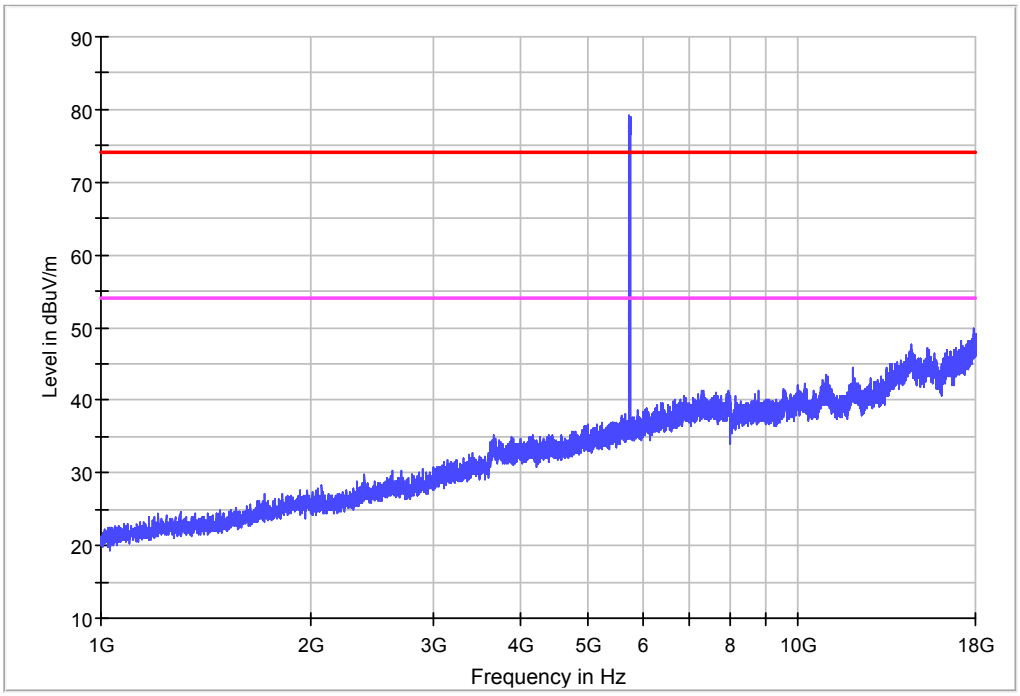


Vertical

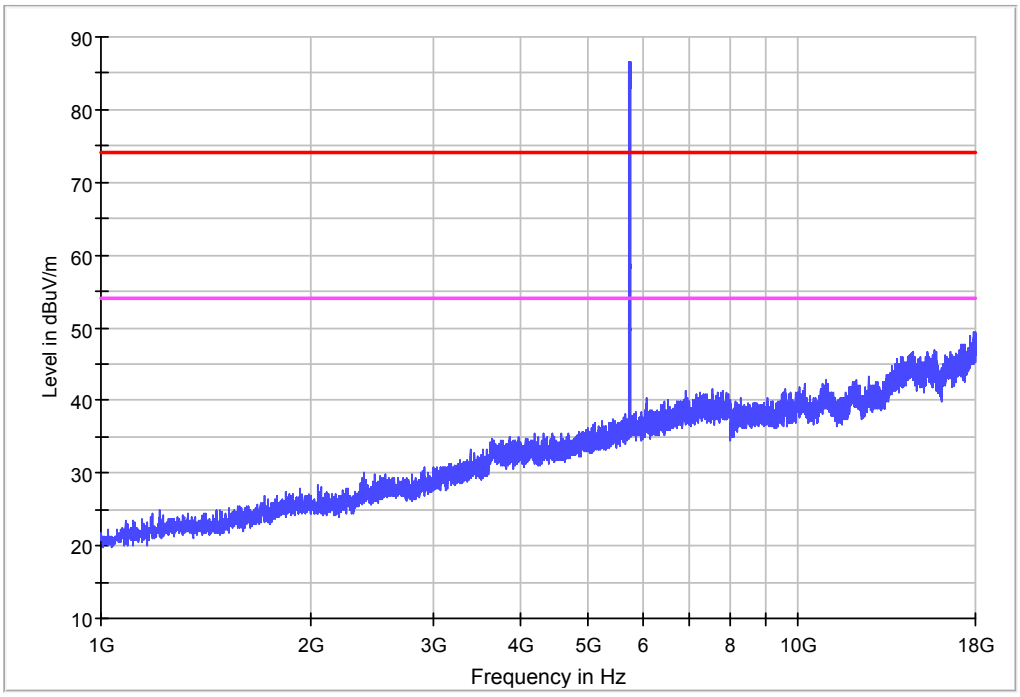
1-18G

11n HT20 IN THE 5.8GHz BAND

Ch149



Horizontal

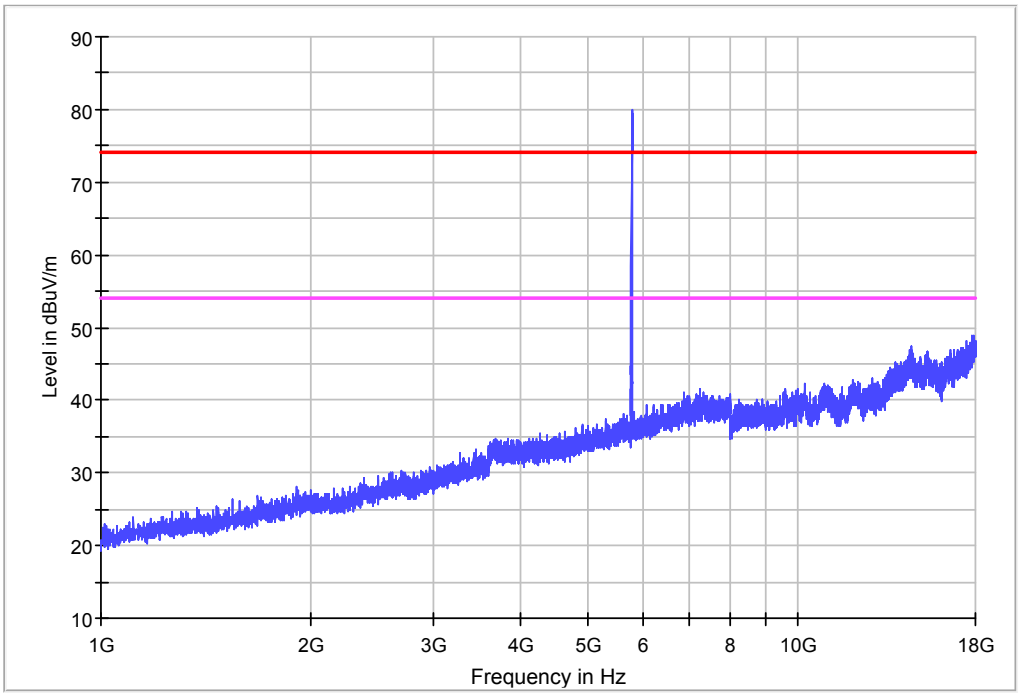


Vertical

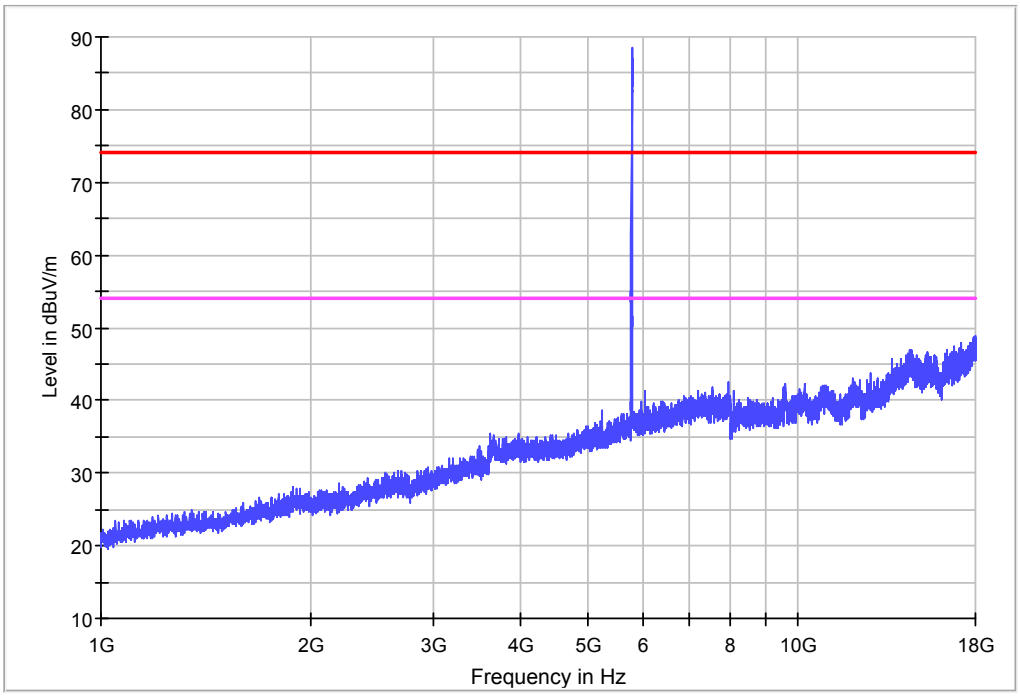
1-18G

11n HT20 THE 5.8GHz BAND

Ch157



Horizontal

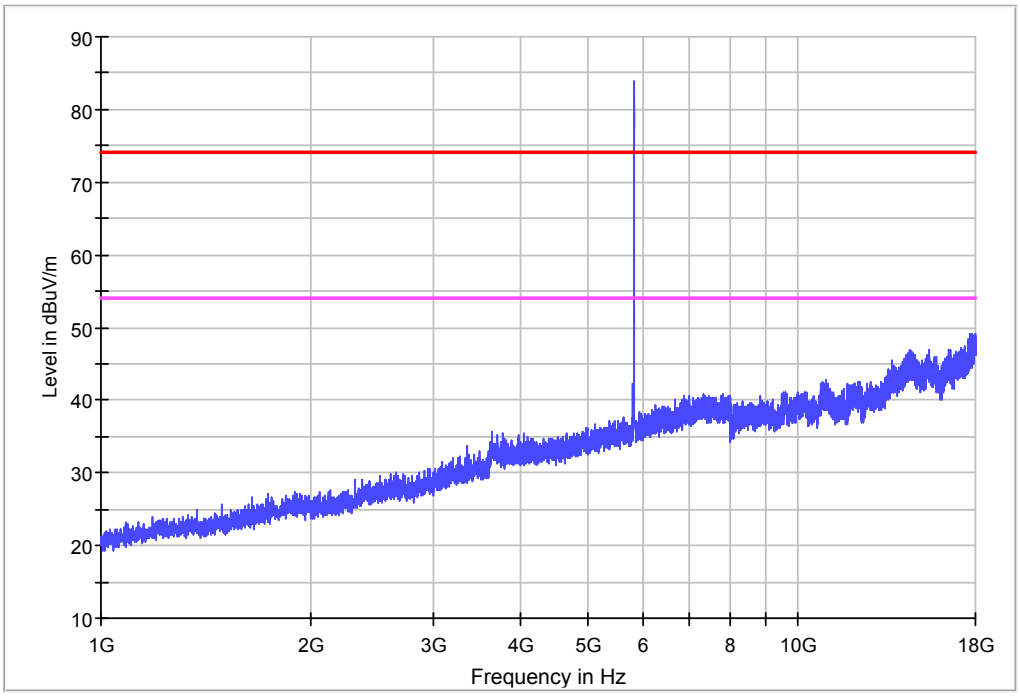


Vertical

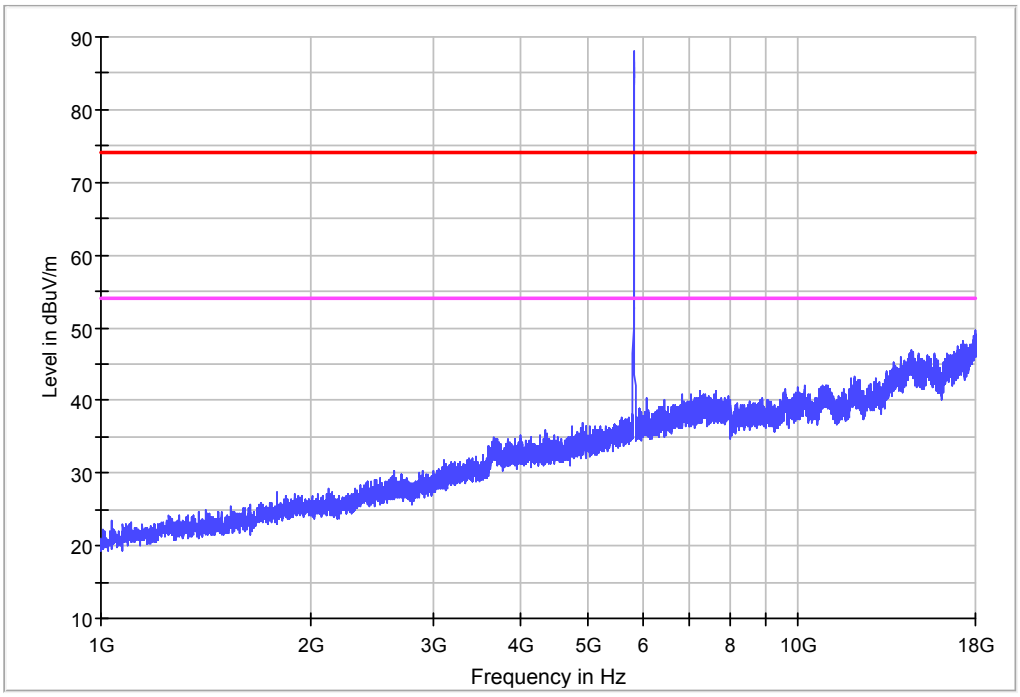
1-18G

11n HT20 IN THE 5.8GHz BAND

Ch165



Horizontal

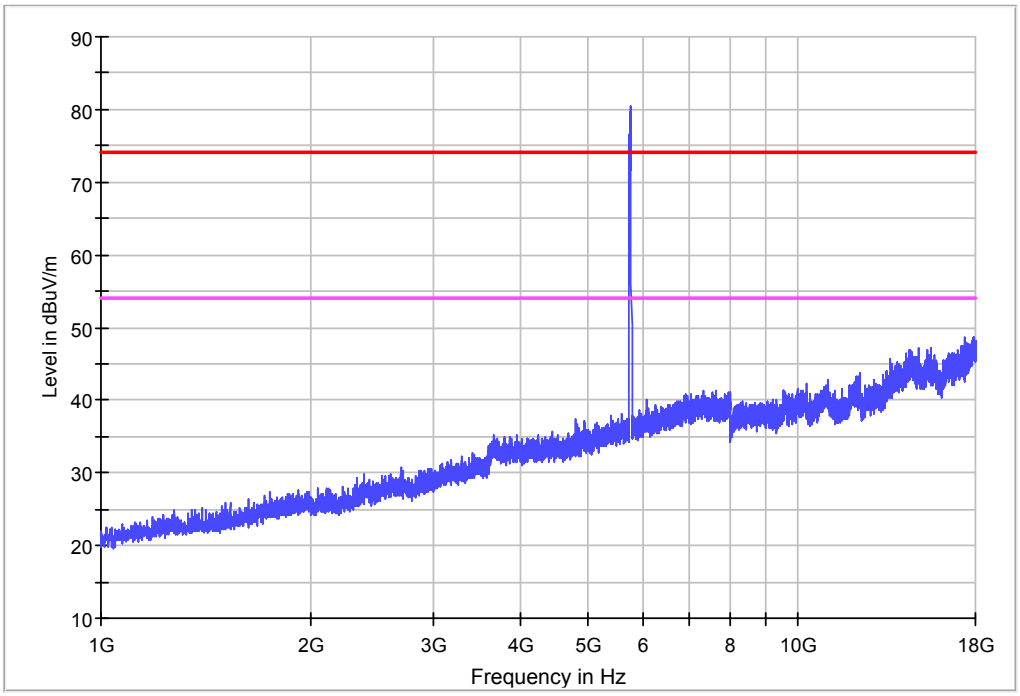


Vertical

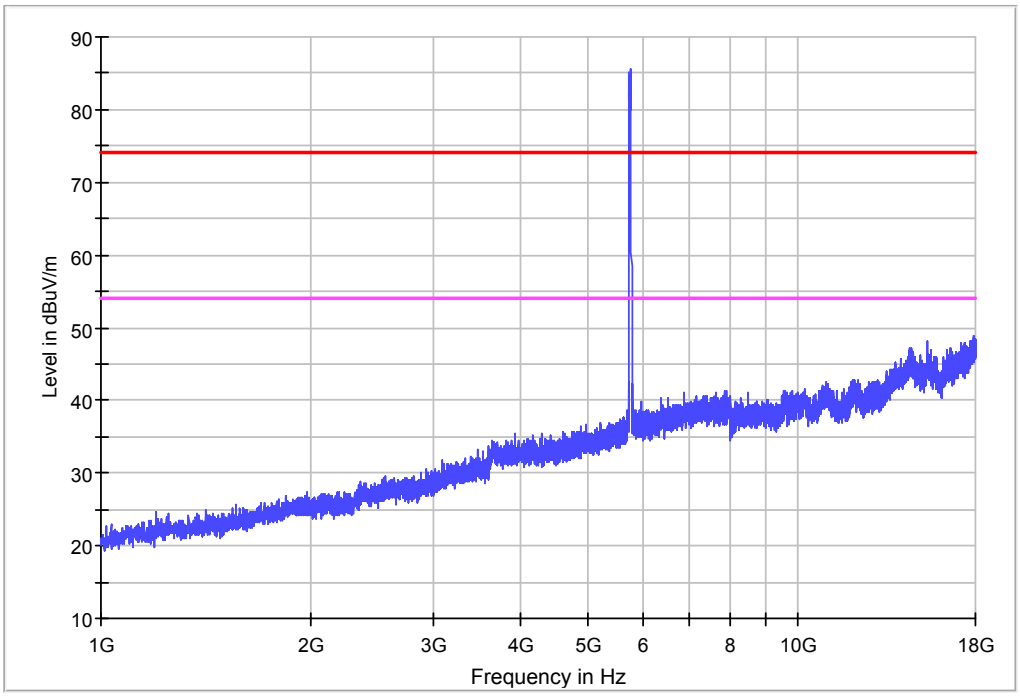
1-18G

11n HT40 THE 5.8GHz BAND

Ch151



Horizontal

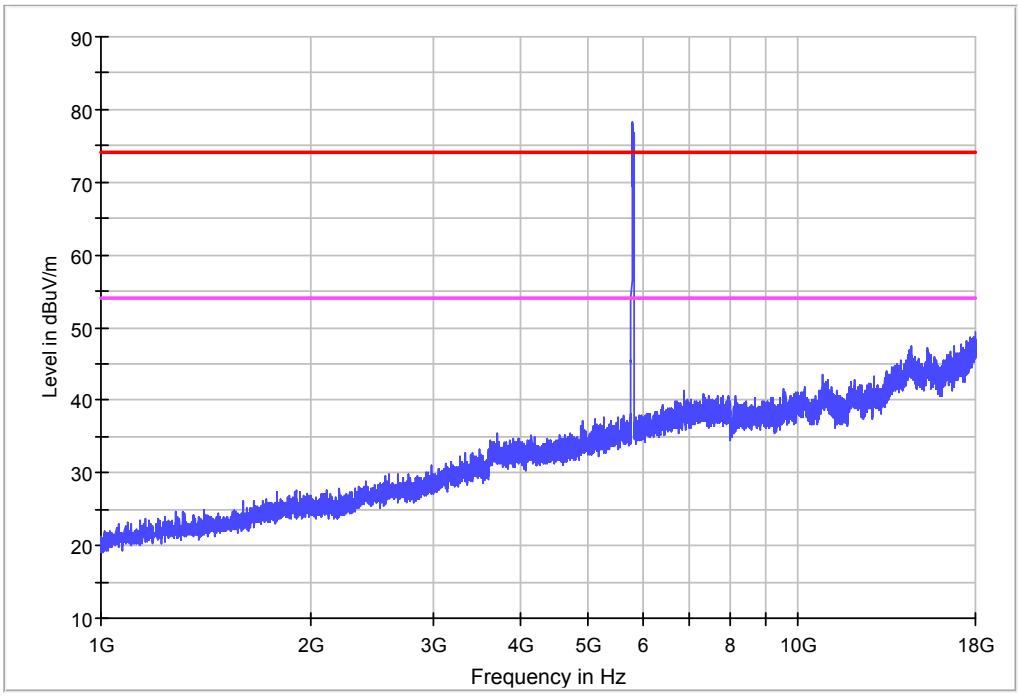


Vertical

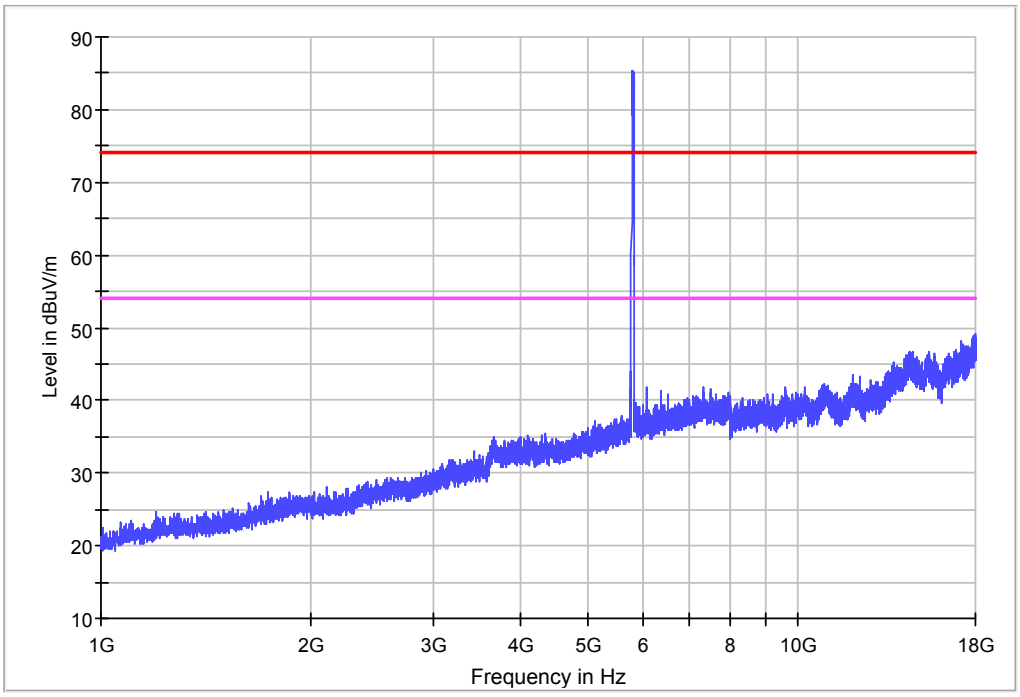
1-18G

11n HT40 IN THE 5.8GHz BAND

Ch159



Horizontal

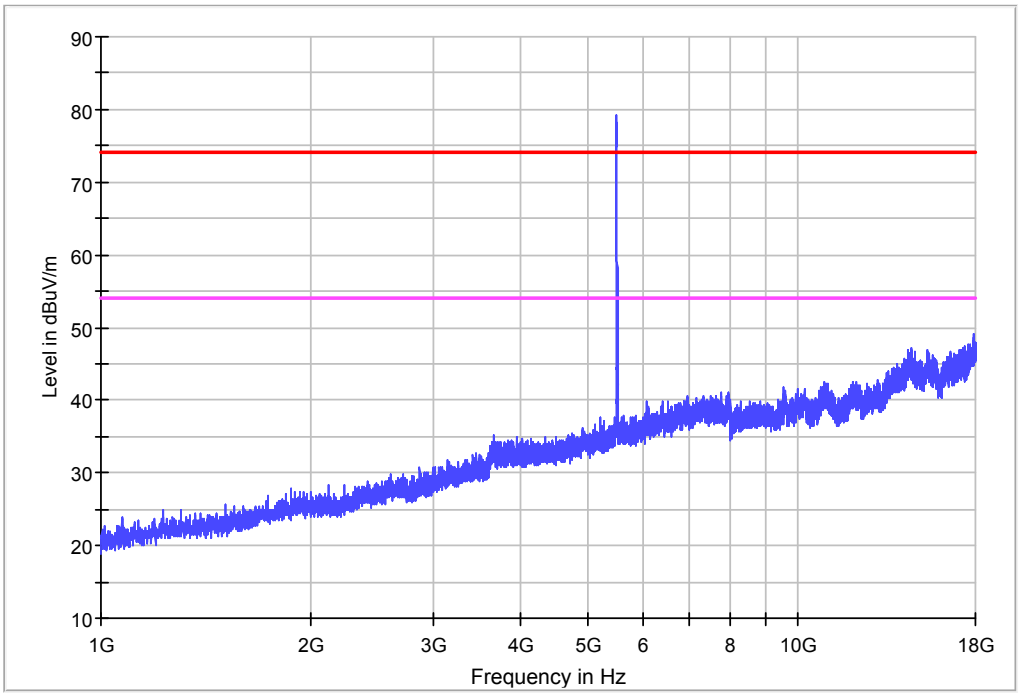


Vertical

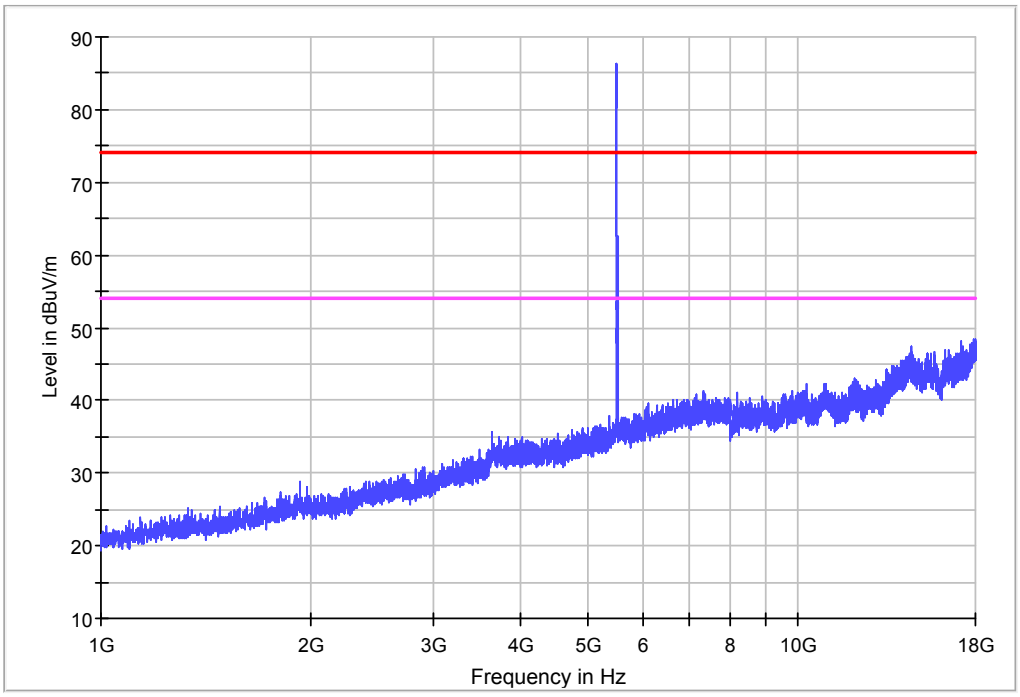
1-18G

11ac VHT20 IN THE 5.8GHz BAND

Ch149



Horizontal

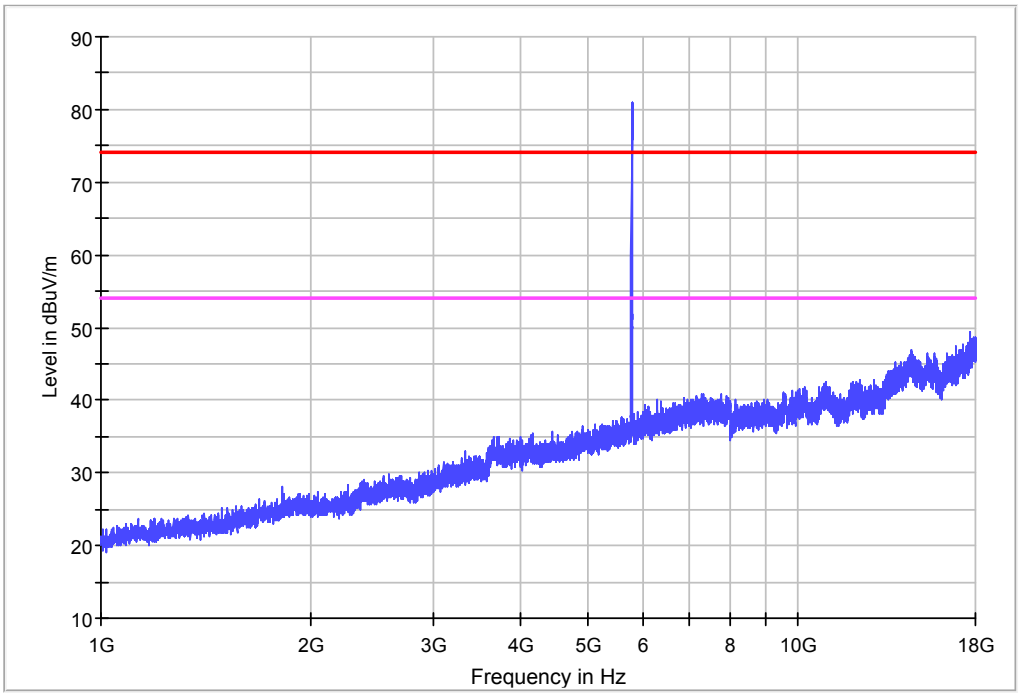


Vertical

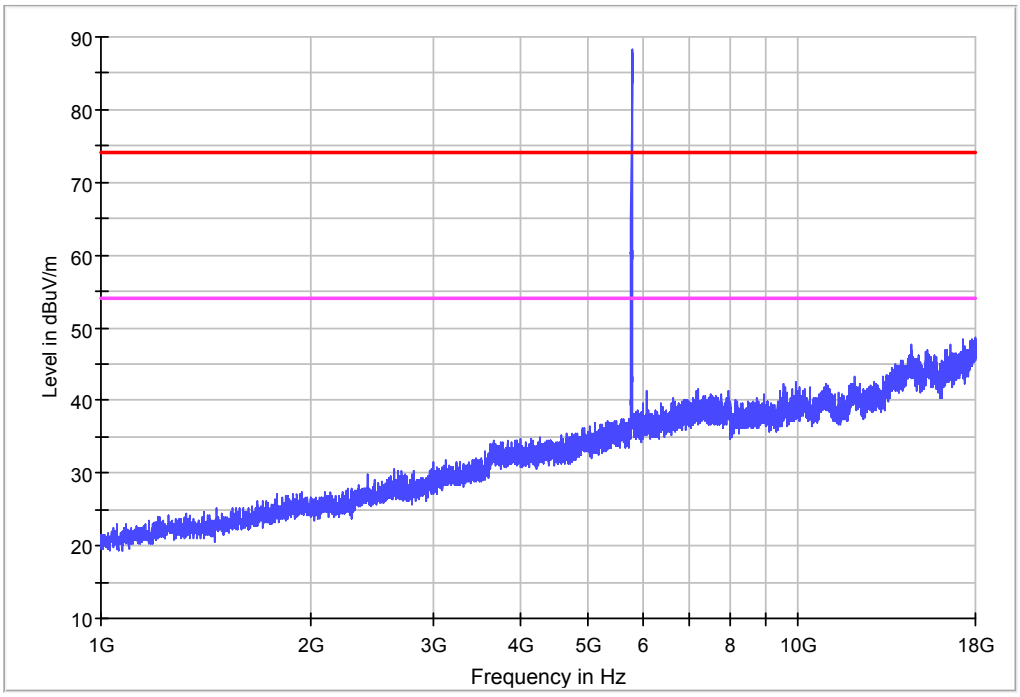
1-18G

11ac VHT20 THE 5.8GHz BAND

Ch157



Horizontal

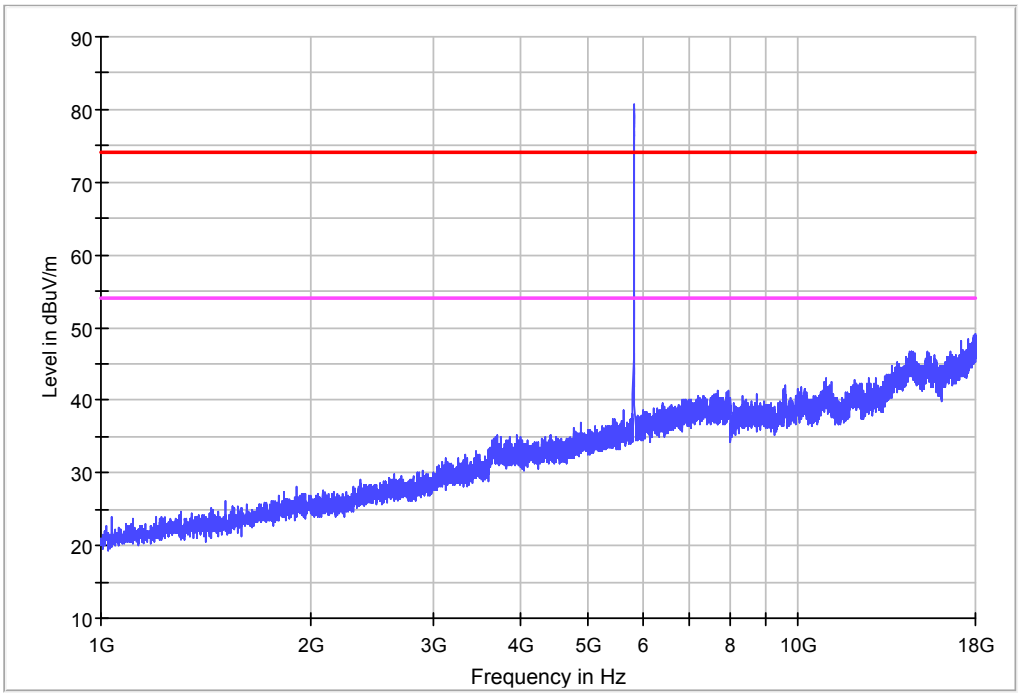


Vertical

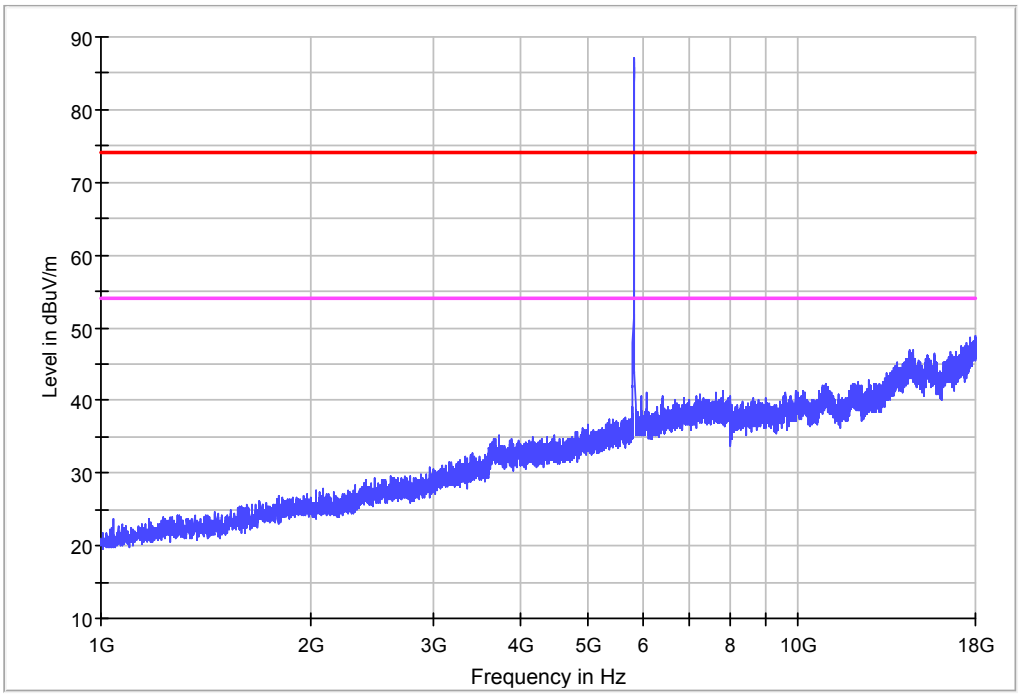
1-18G

11ac VHT20 IN THE 5.8GHz BAND

Ch165



Horizontal

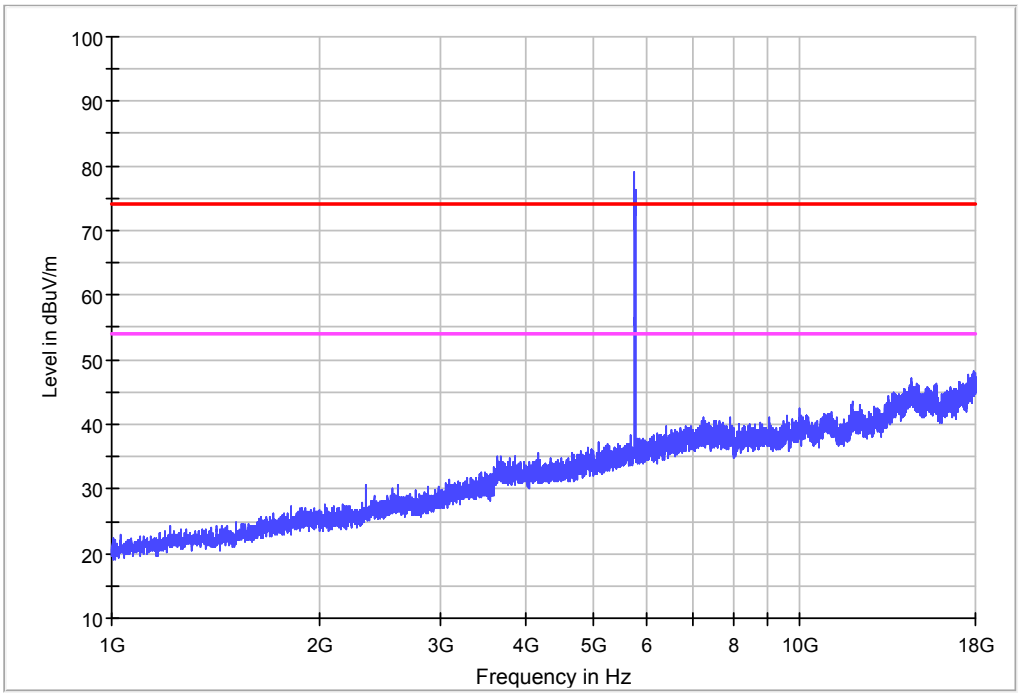


Vertical

1-18G

11ac VHT40 THE 5.8GHz BAND

Ch151



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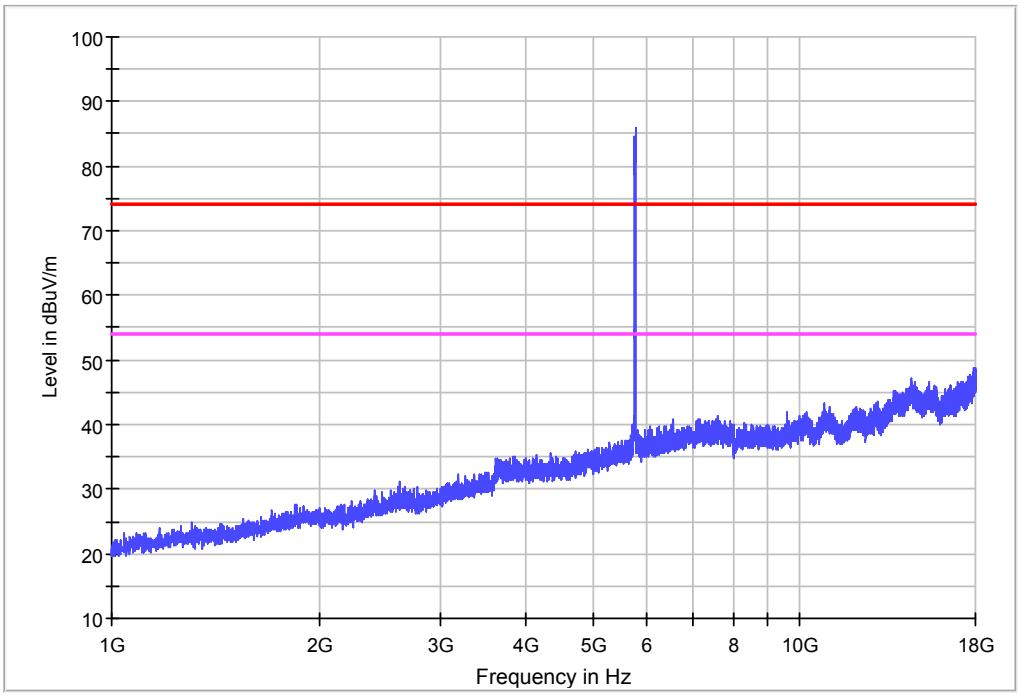
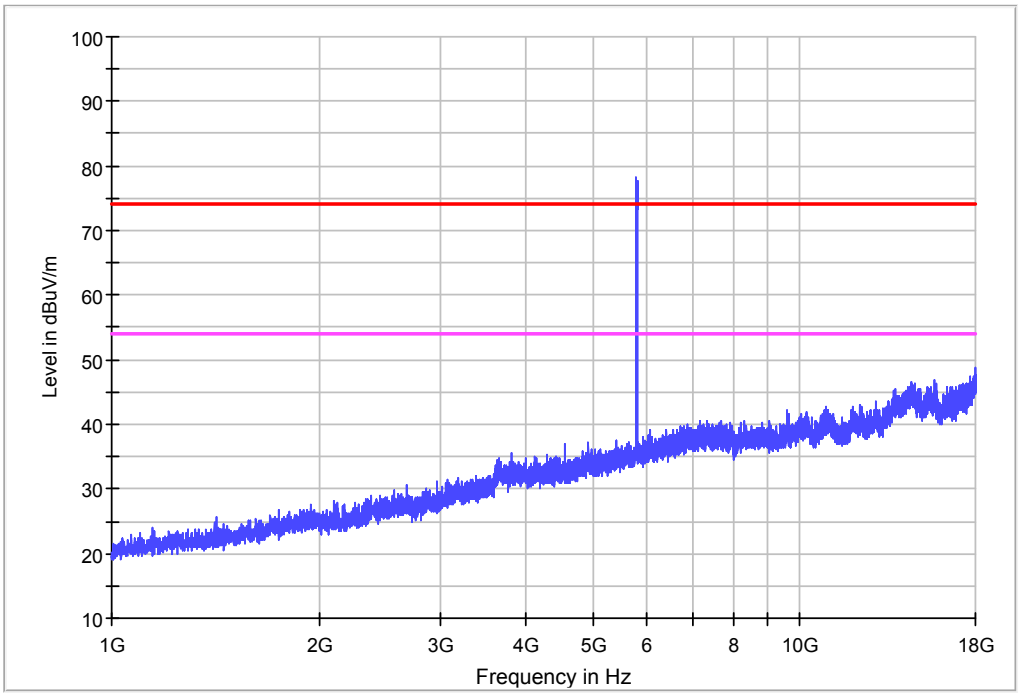


Vertical

1-18G

11ac VHT40 IN THE 5.8GHz BAND

Ch159



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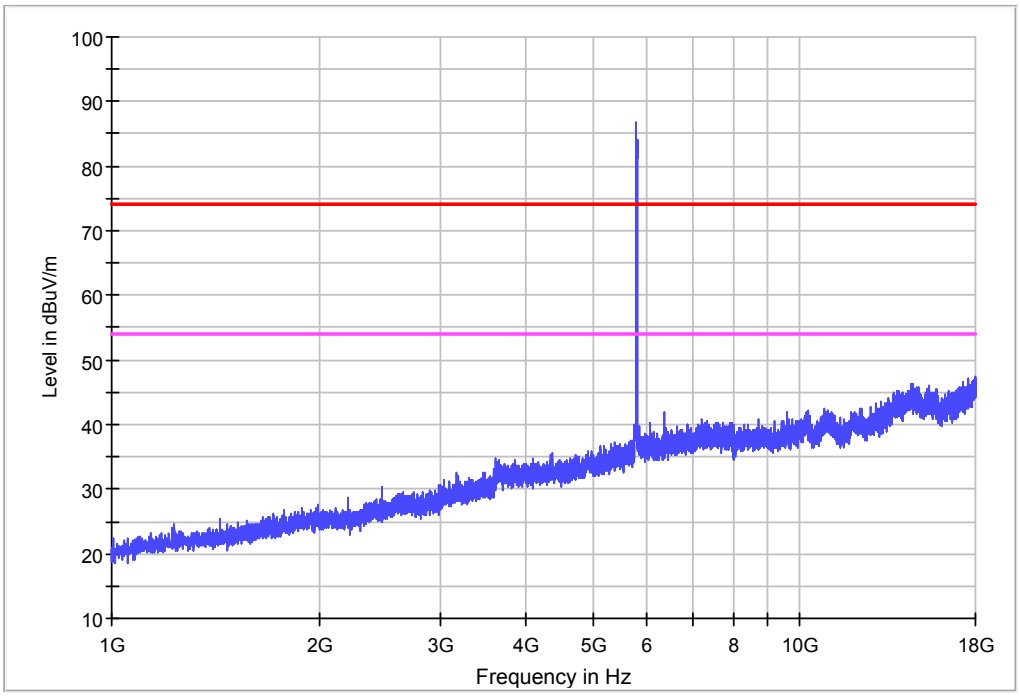
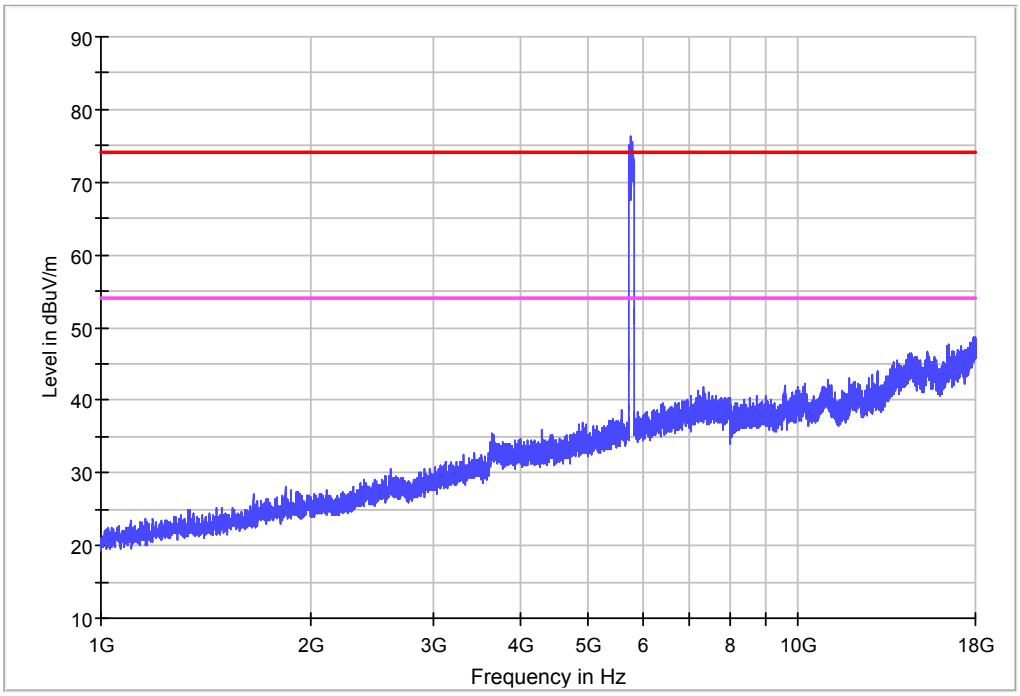


Vertical

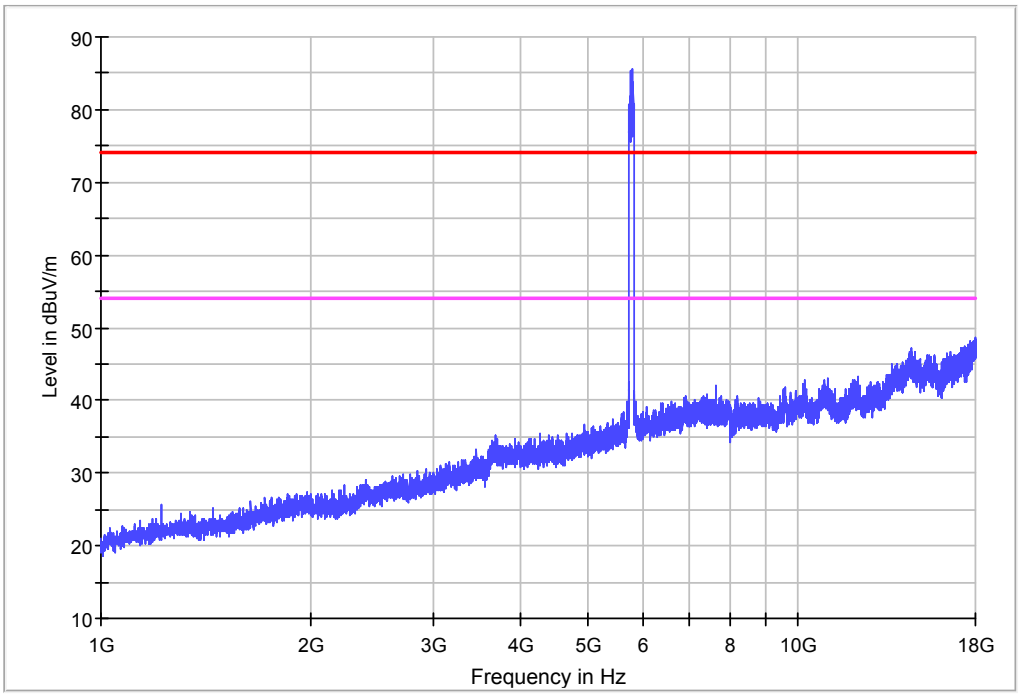
1-18G

11ac VHT80 IN THE 5.8GHz BAND

Ch155

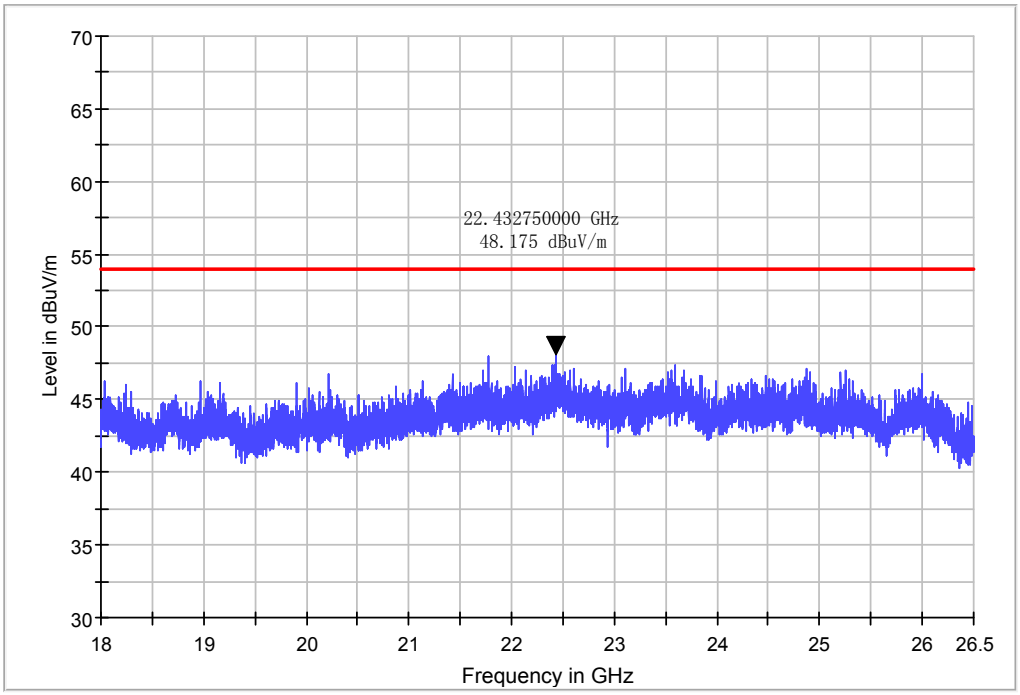


Horizontal

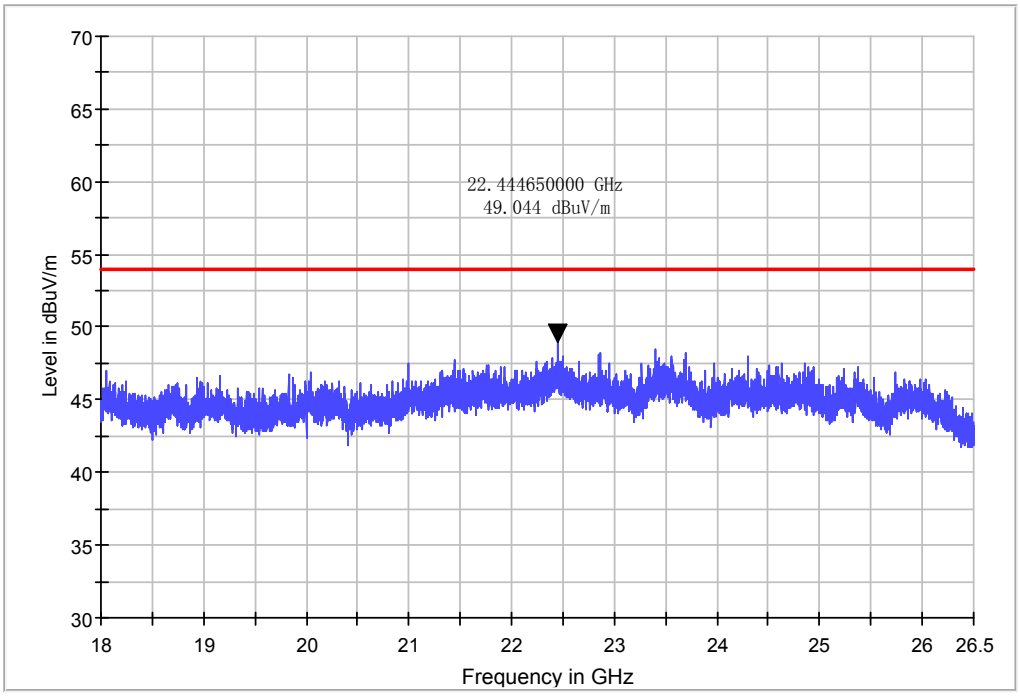


Vertical

18-26.5G
Worst Case

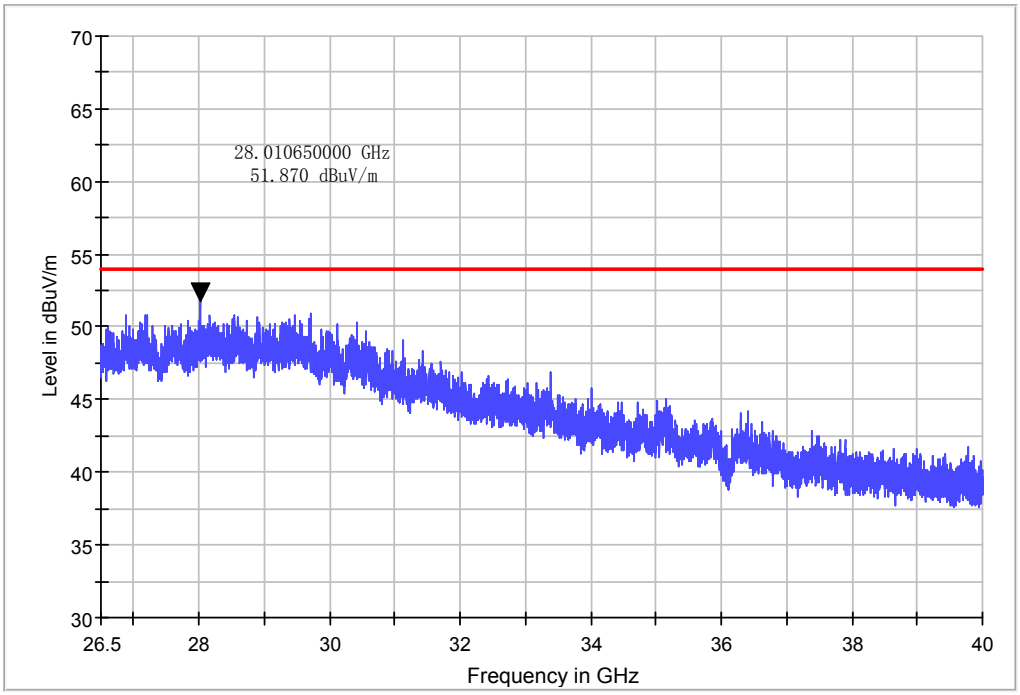


Horizontal

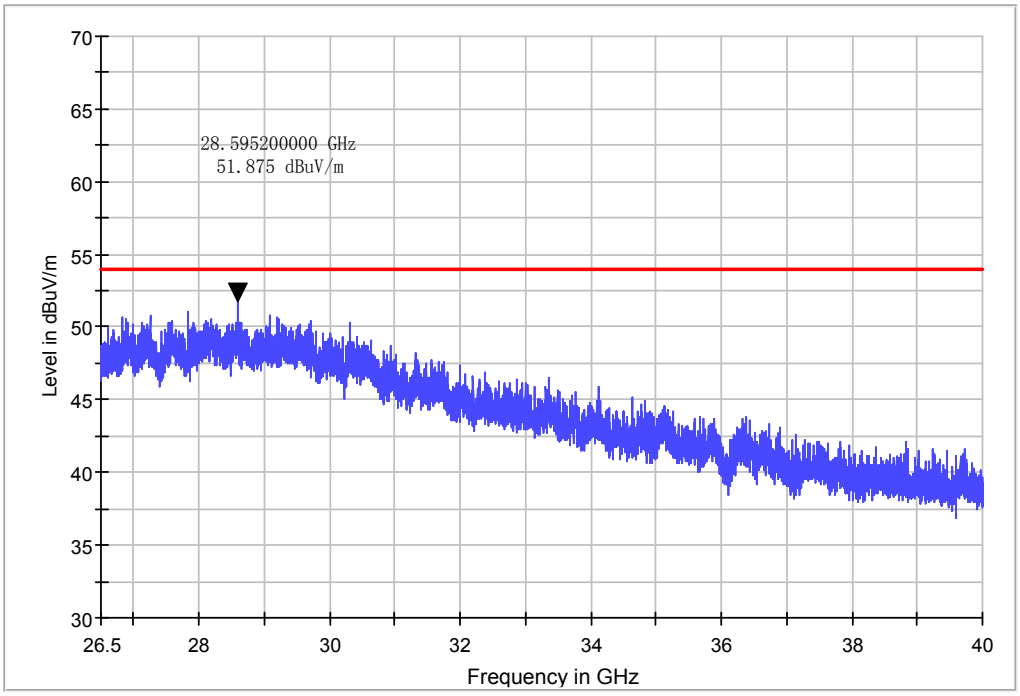


Vertical

26.5-40G
Worst Case



Horizontal



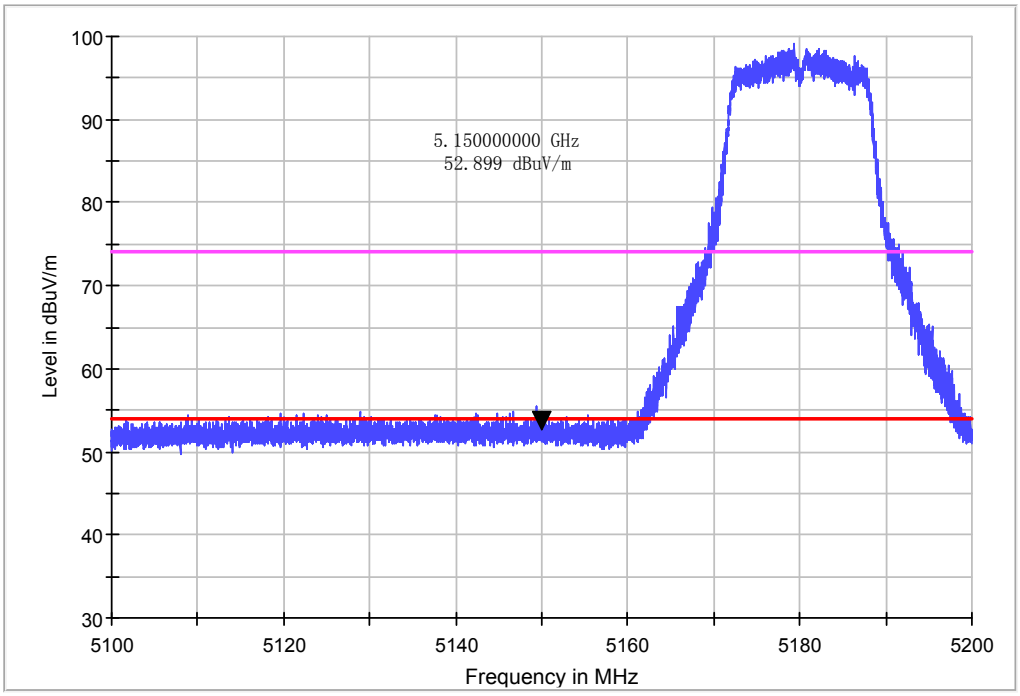
Vertical

Band edge

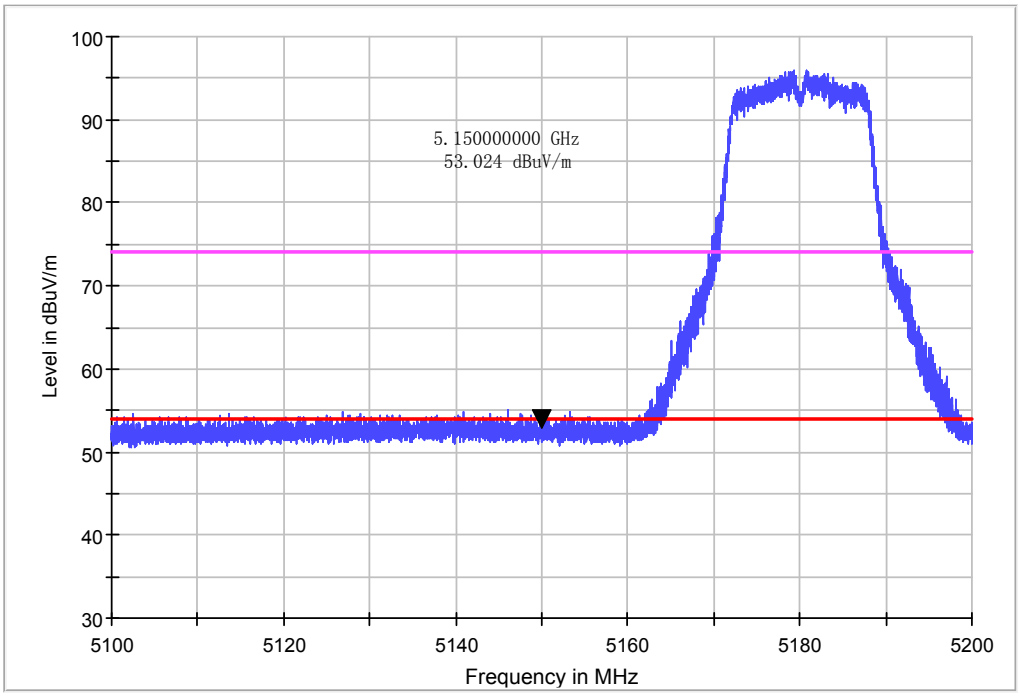
11a IN THE 5.2GHz BAND

CH36

PK



Horizontal



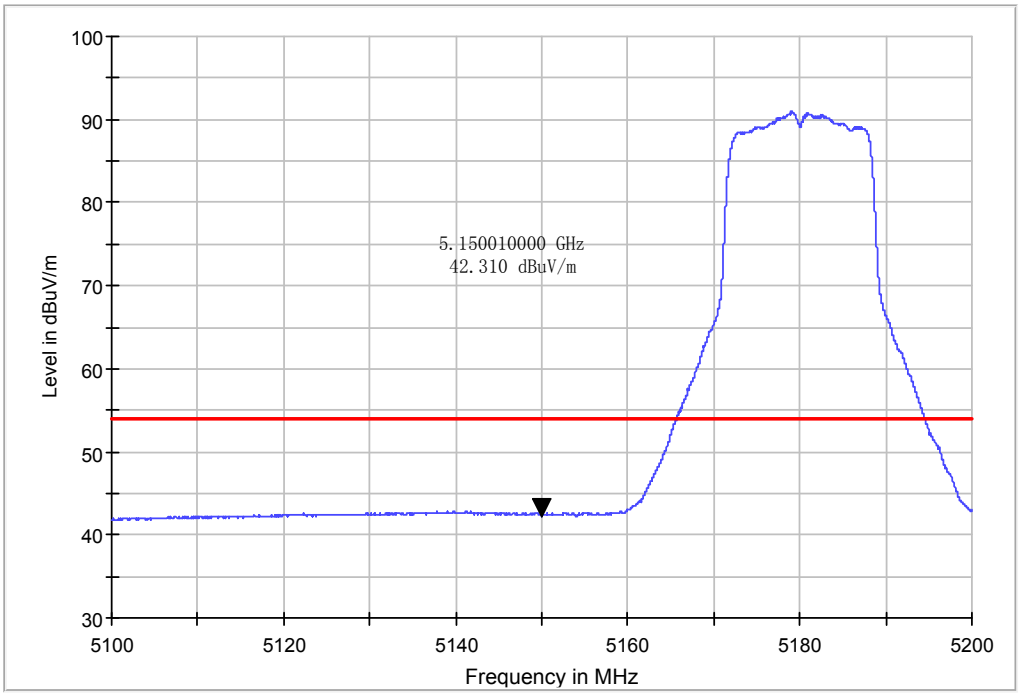
Vertical

Band edge

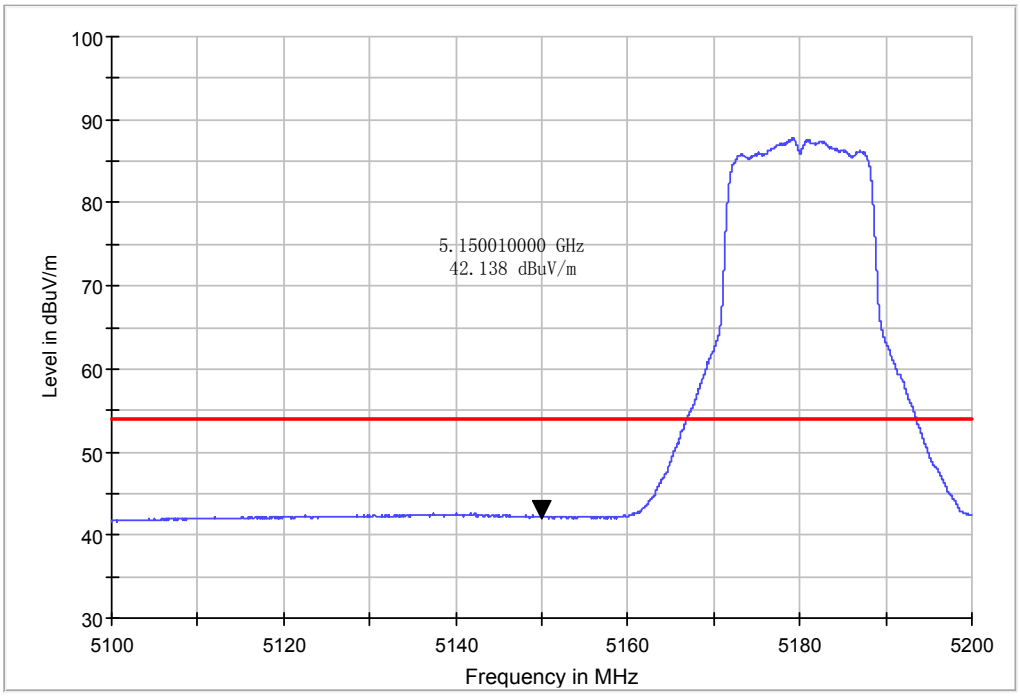
11a IN THE 5.2GHz BAND

CH36

AV



Horizontal



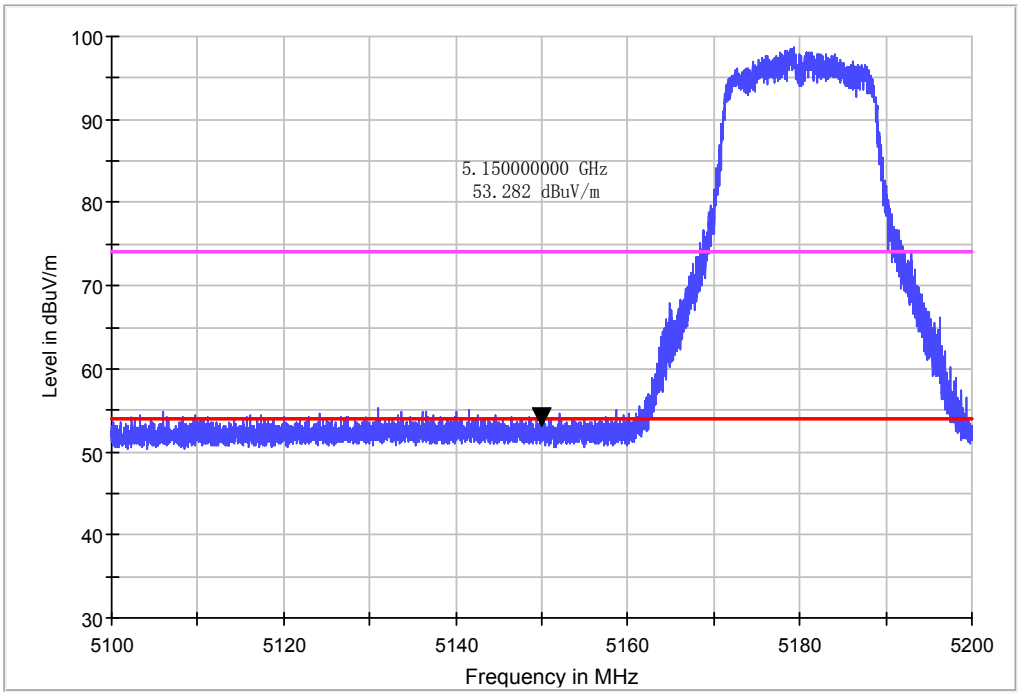
Vertical

Band edge

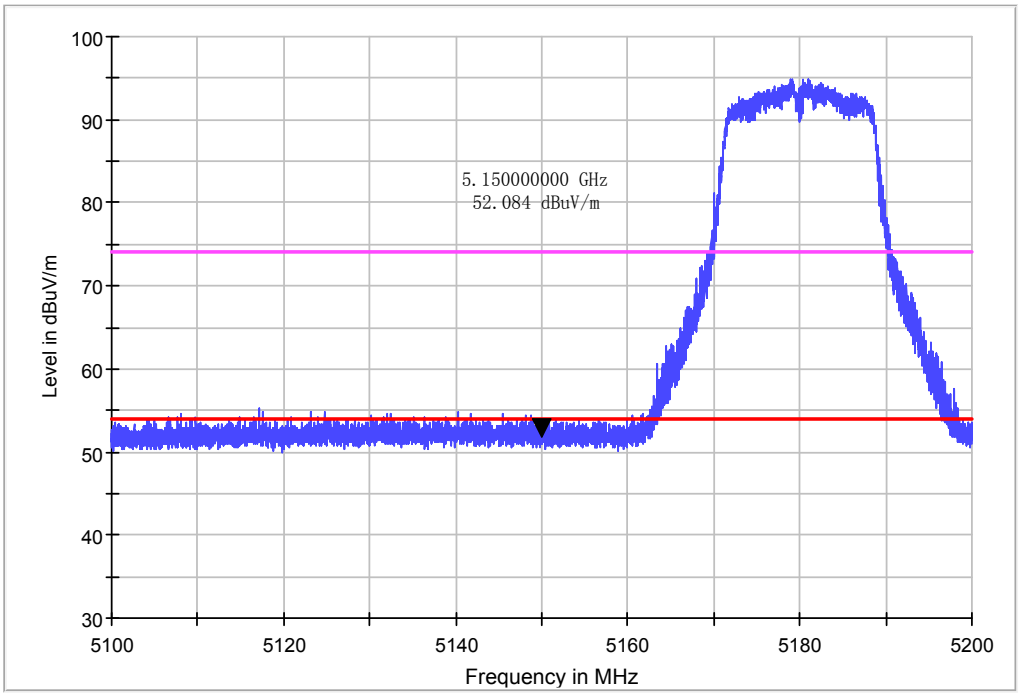
11n HT20 IN THE 5.2GHz BAND

CH36

PK



Horizontal



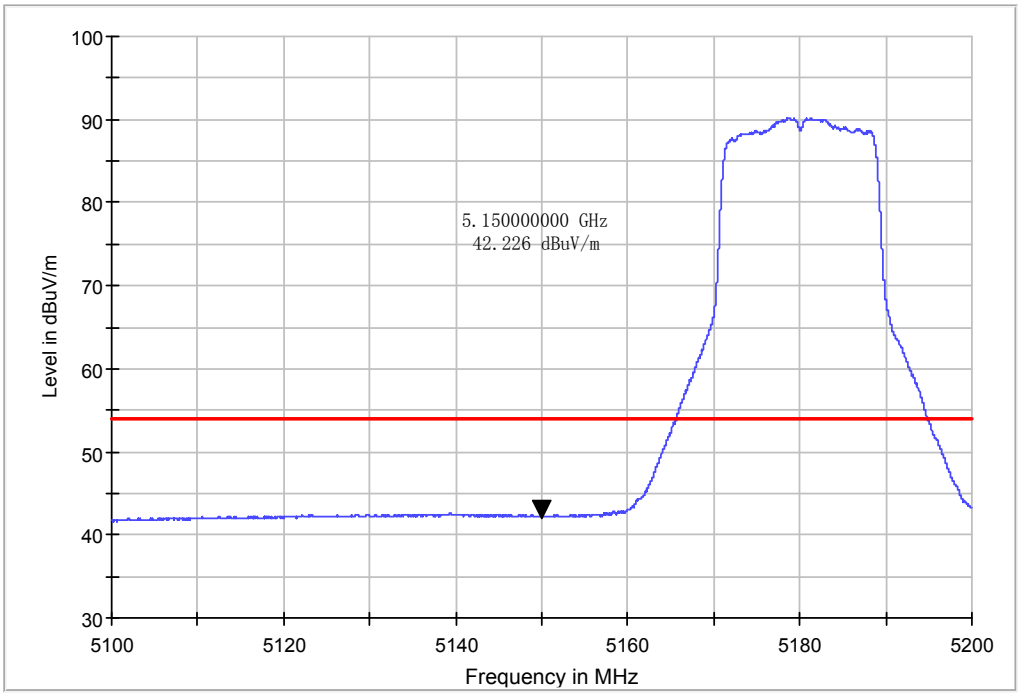
Vertical

Band edge

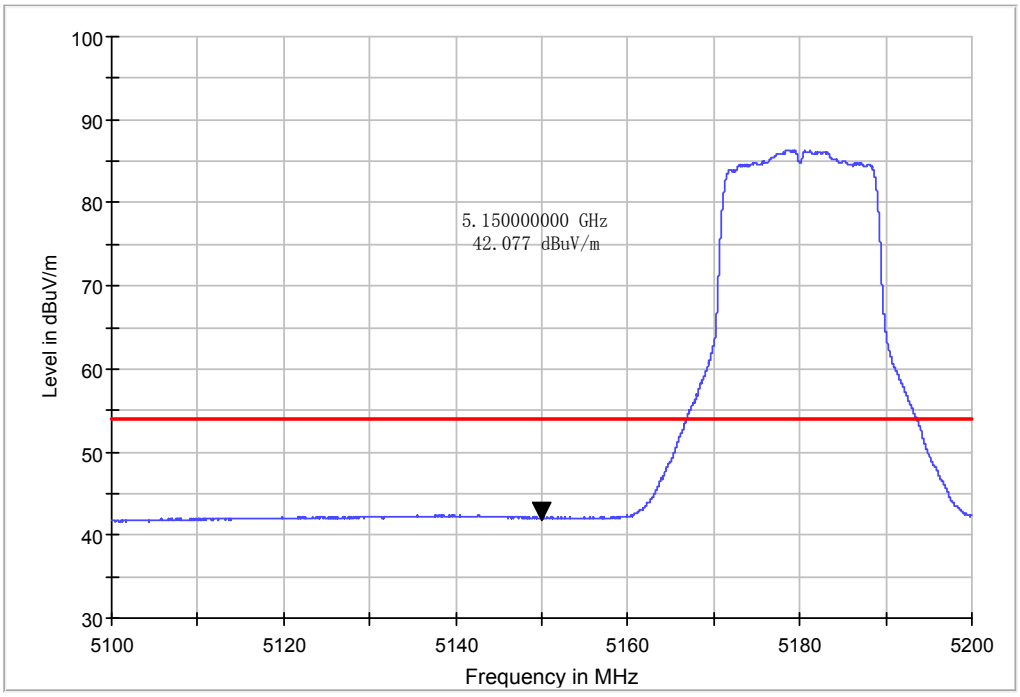
11n HT20 IN THE 5.2GHz BAND

CH36

AV



Horizontal



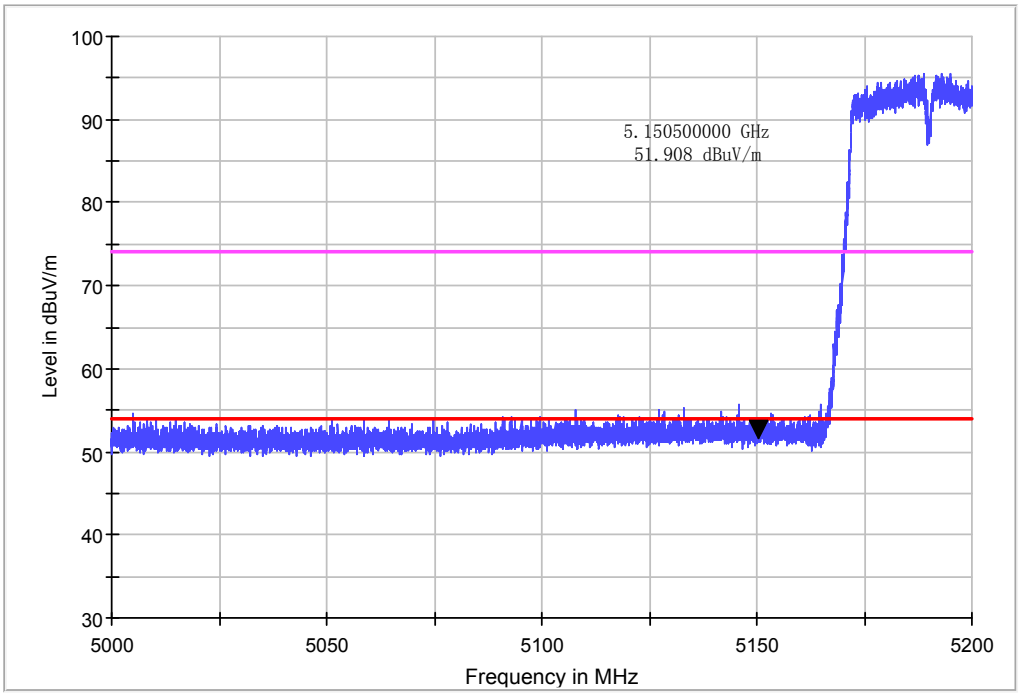
Vertical

Band edge

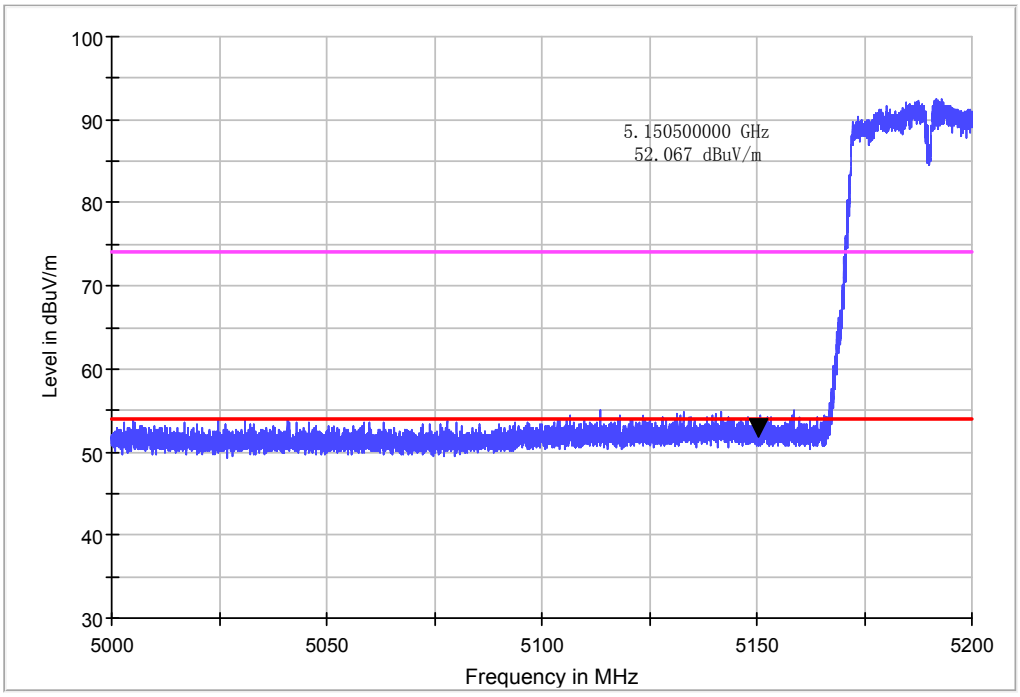
11n HT40 IN THE 5.2GHz BAND

CH38

PK



Horizontal



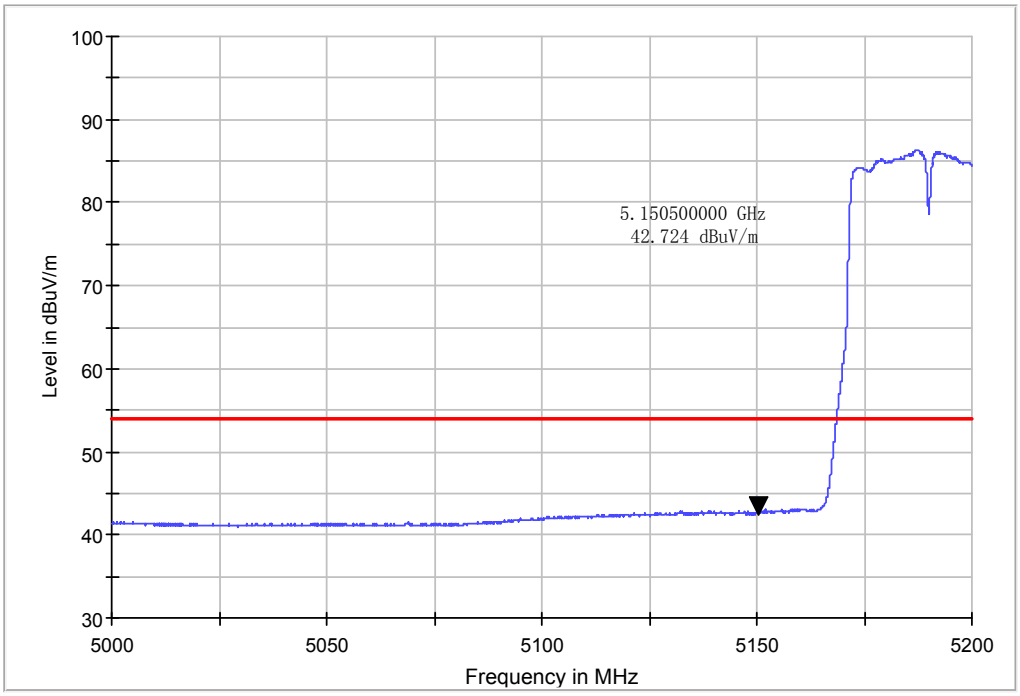
Vertical

Band edge

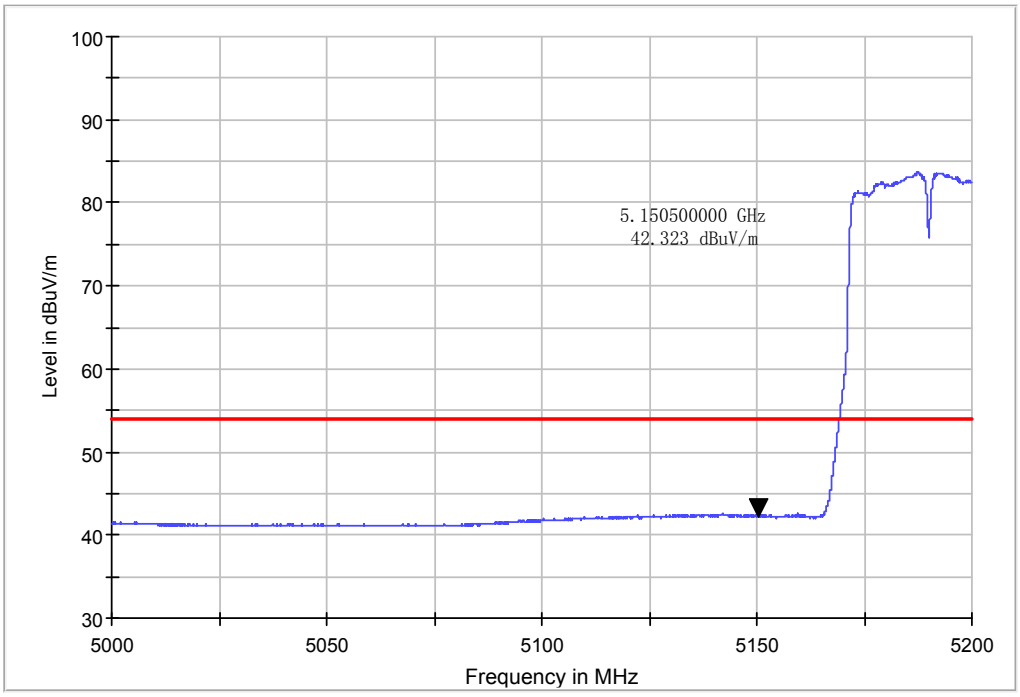
11n HT40 IN THE 5.2GHz BAND

CH38

AV



Horizontal



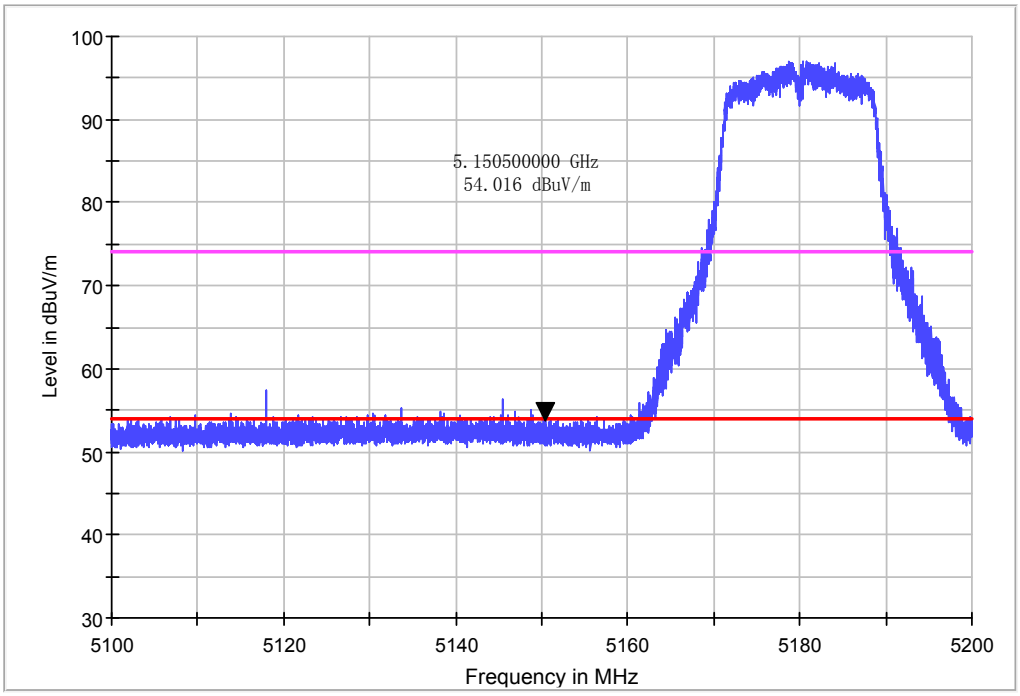
Vertical

Band edge

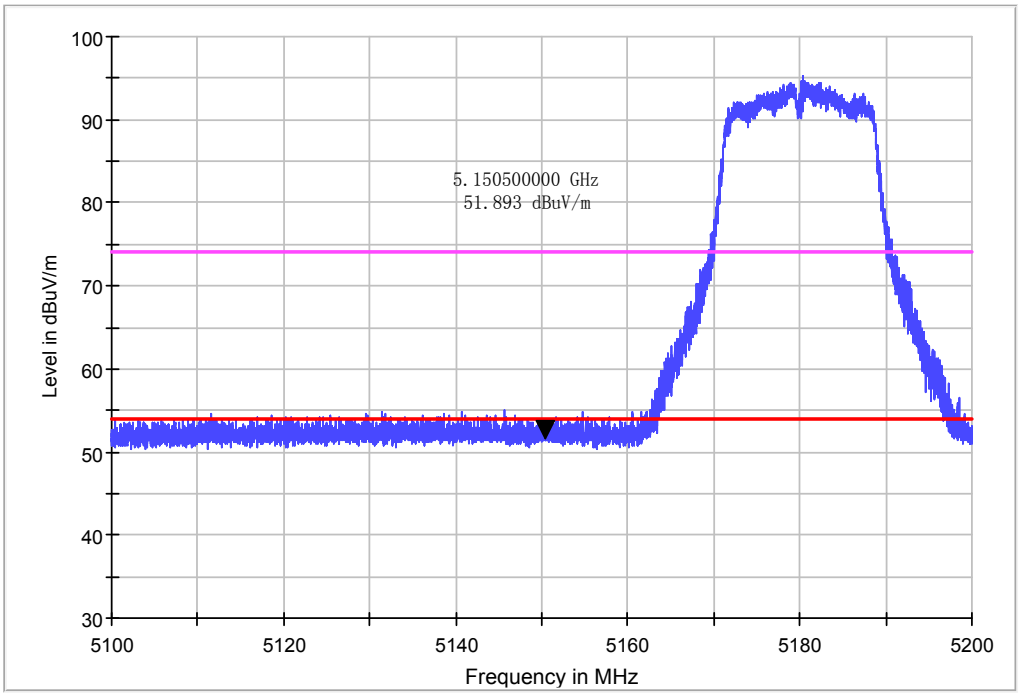
11ac VHT20 IN THE 5.2GHz BAND

CH36

PK



Horizontal



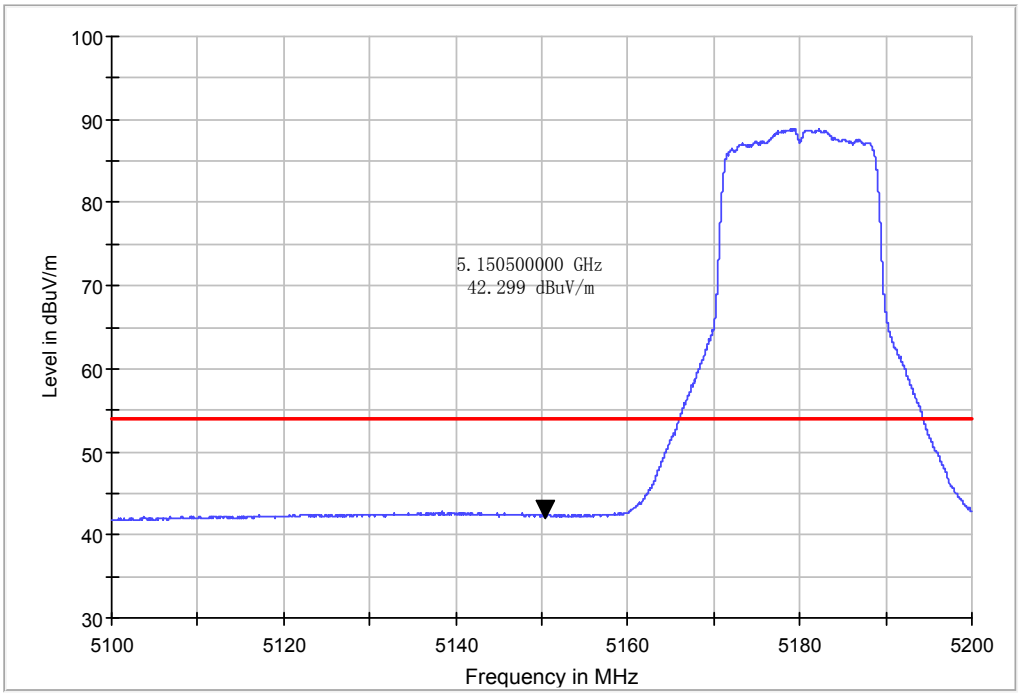
Vertical

Band edge

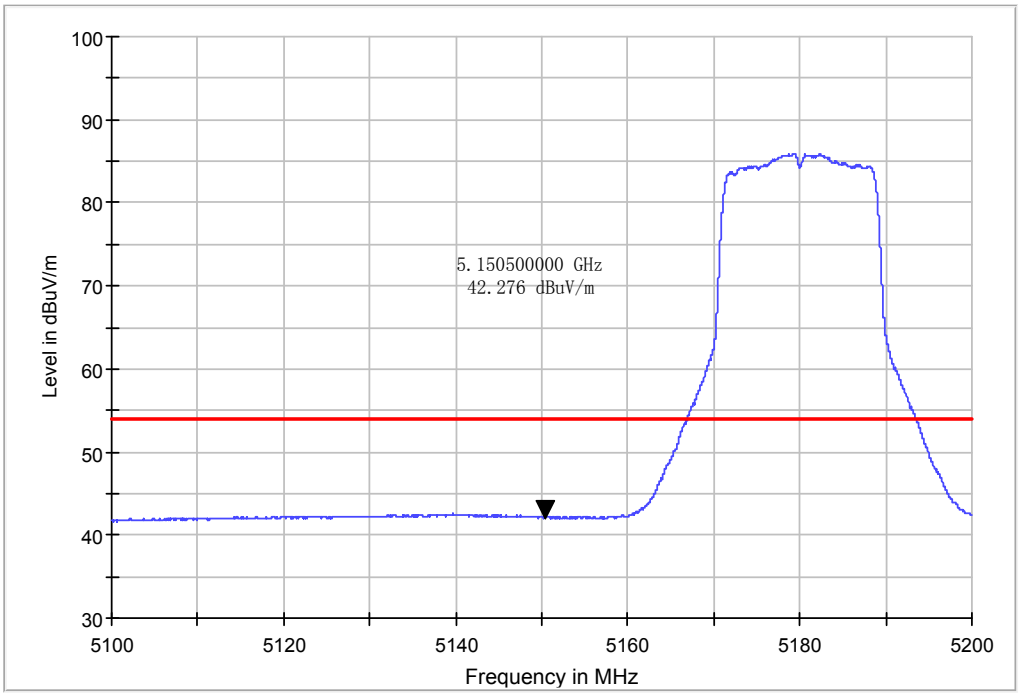
11ac VHT20 IN THE 5.2GHz BAND

CH36

AV



Horizontal



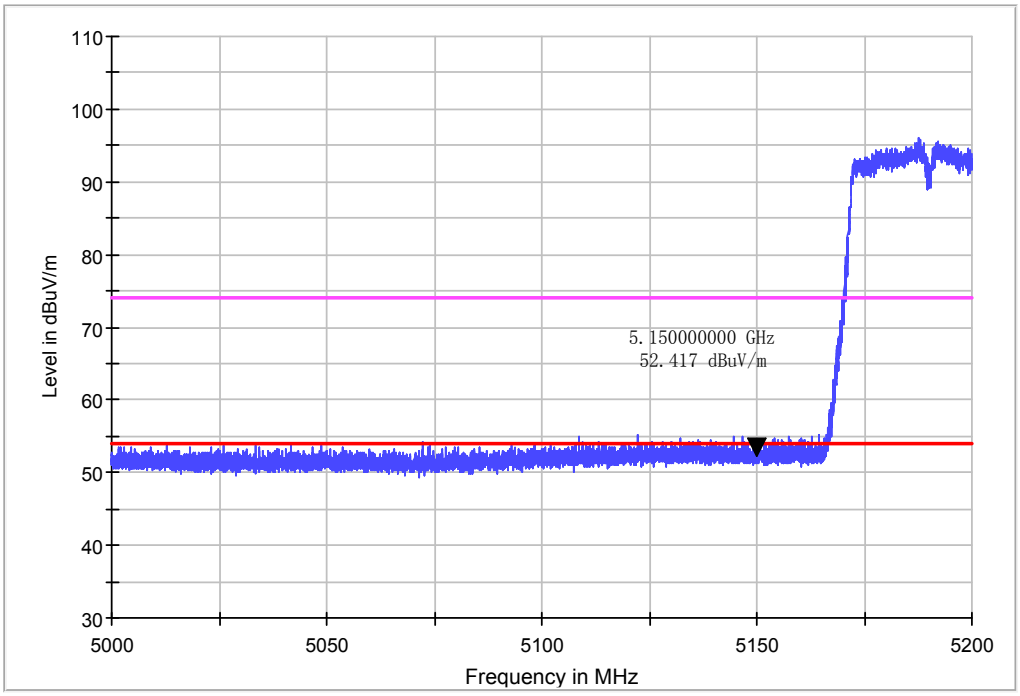
Vertical

Band edge

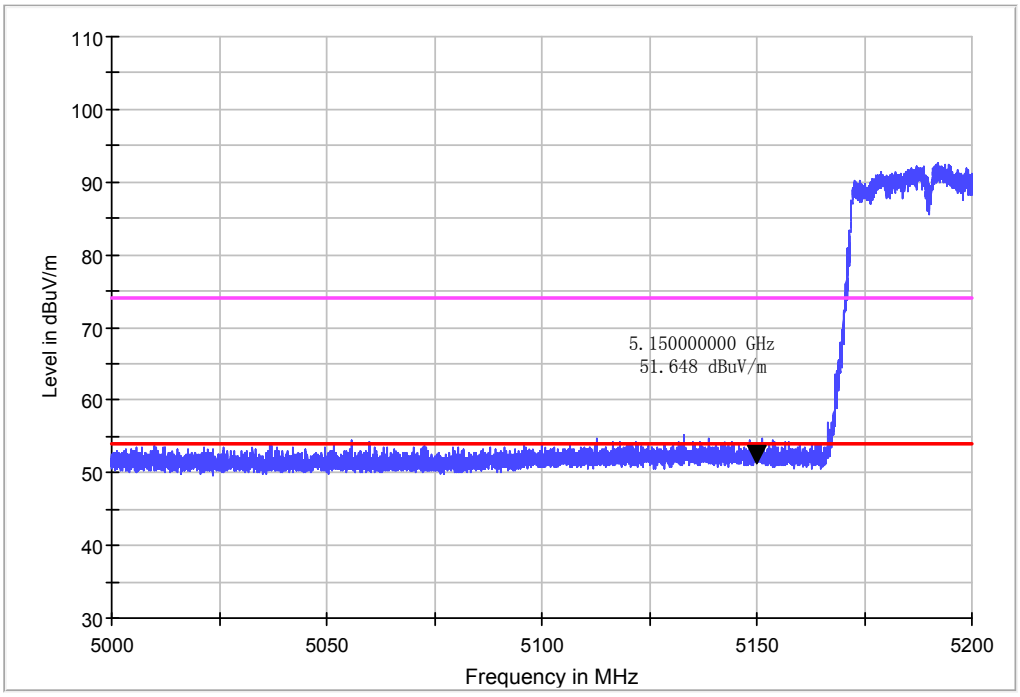
11ac VHT40 IN THE 5.2GHz BAND

CH38

PK



Horizontal



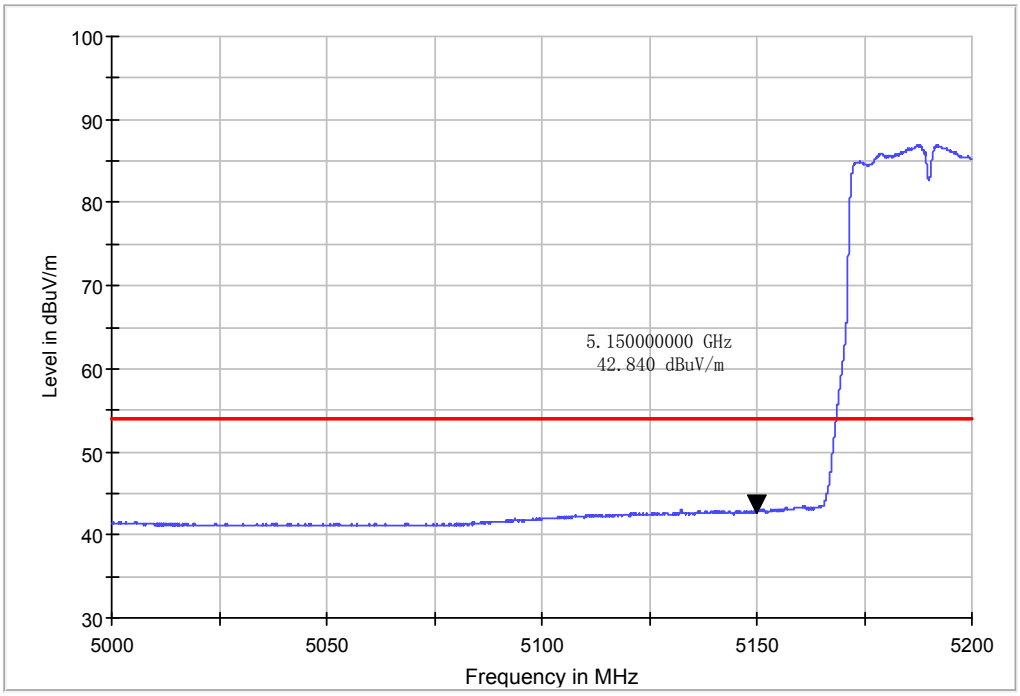
Vertical

Band edge

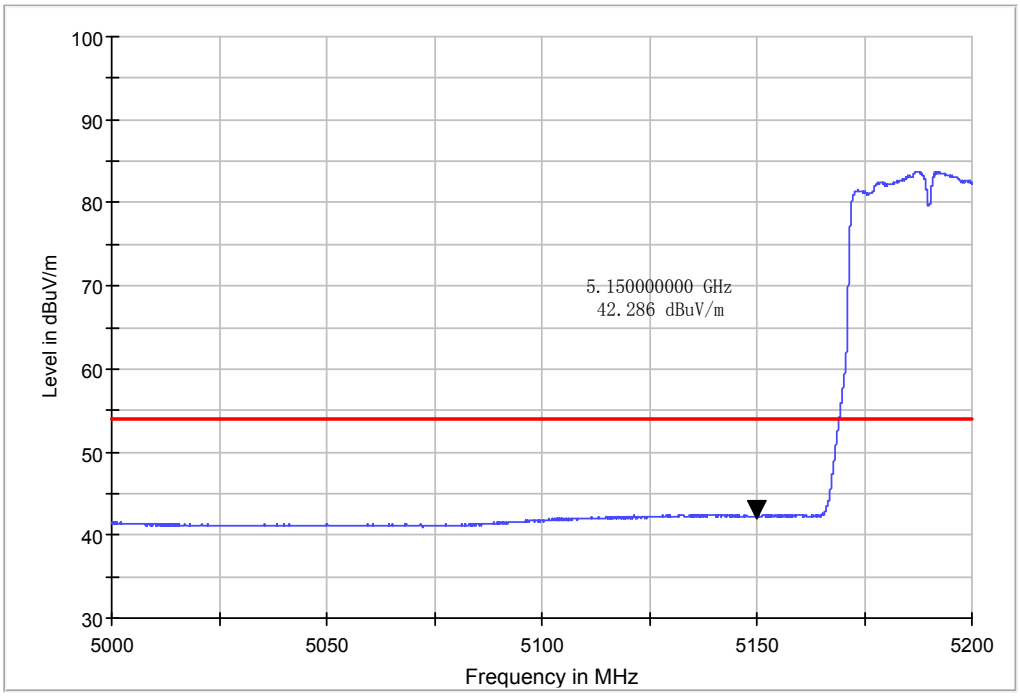
11ac VHT40 IN THE 5.2GHz BAND

CH38

AV



Horizontal



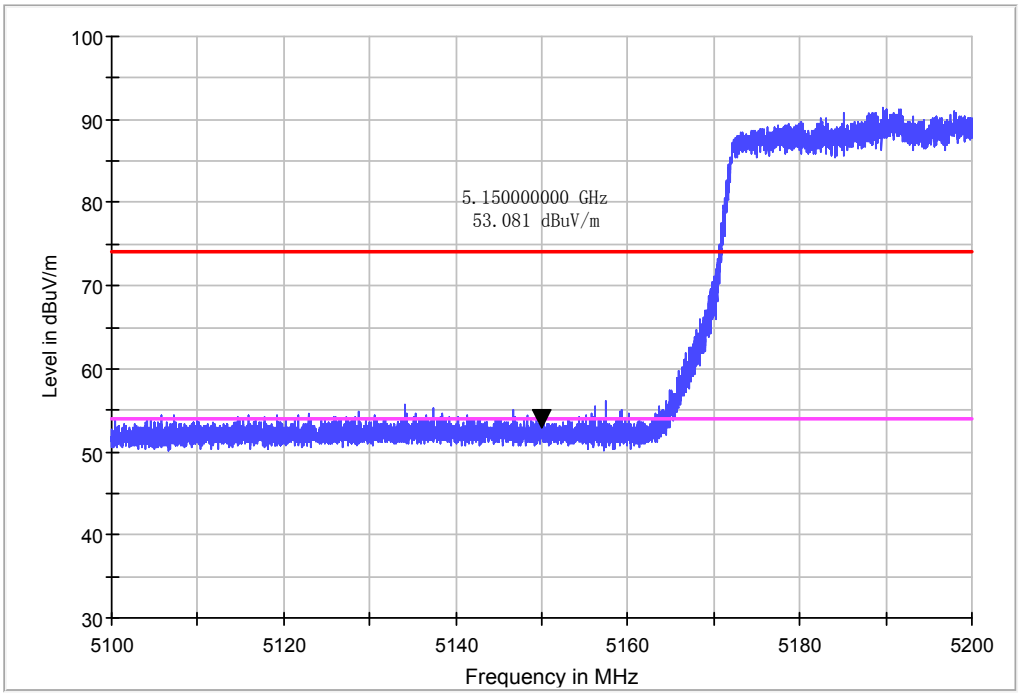
Vertical

Band edge

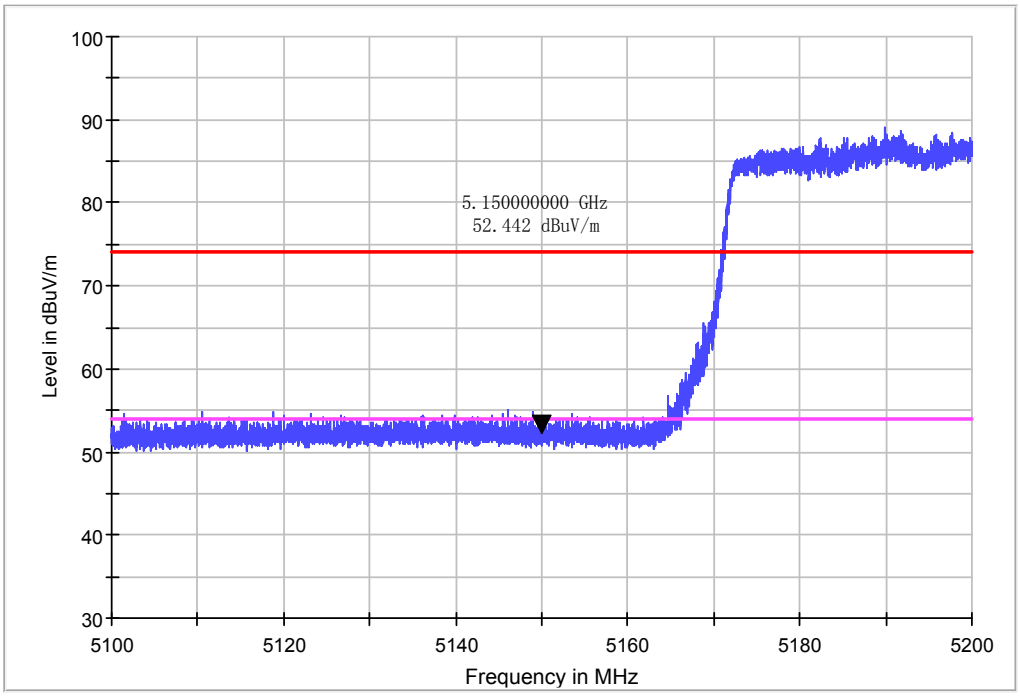
11ac VHT80 IN THE 5.2GHz BAND

CH42

PK



Horizontal



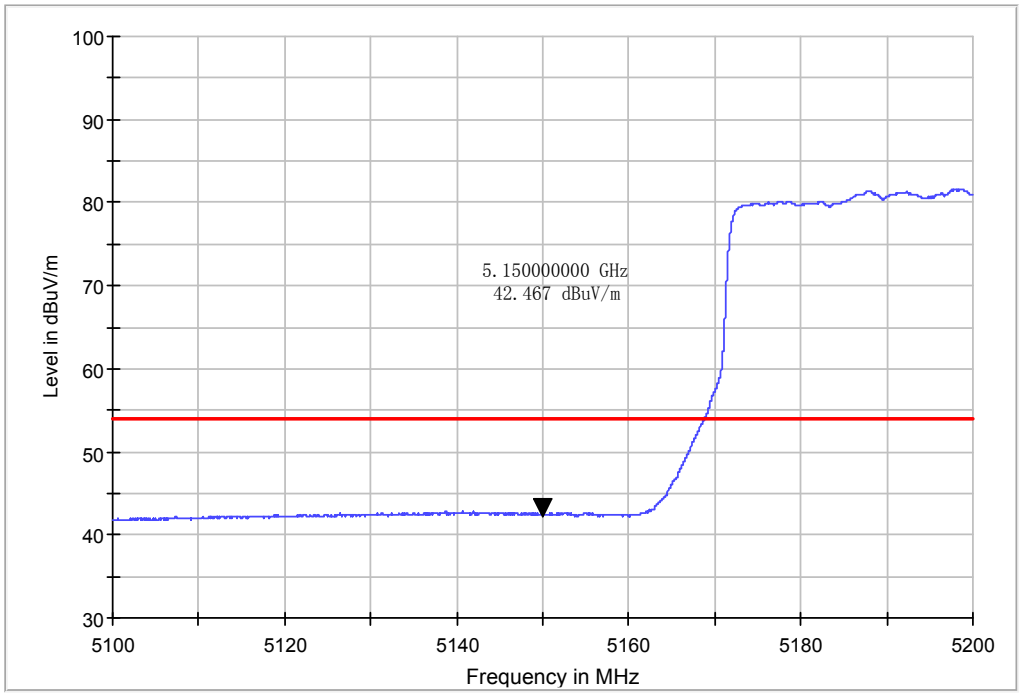
Vertical

Band edge

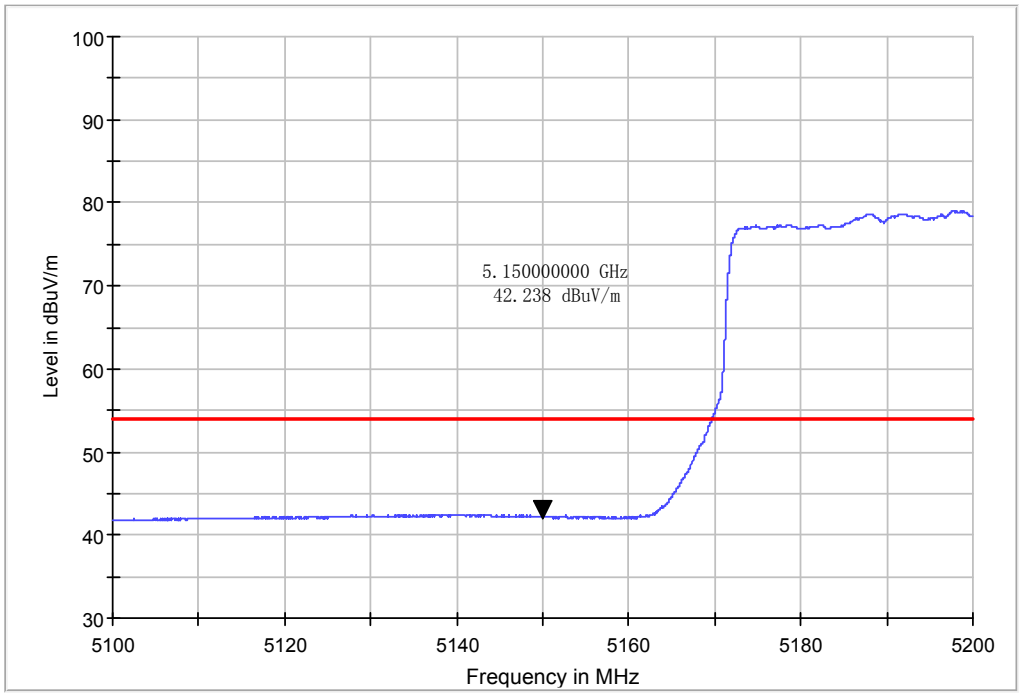
11ac VHT80 IN THE 5.2GHz BAND

CH38

AV



Horizontal



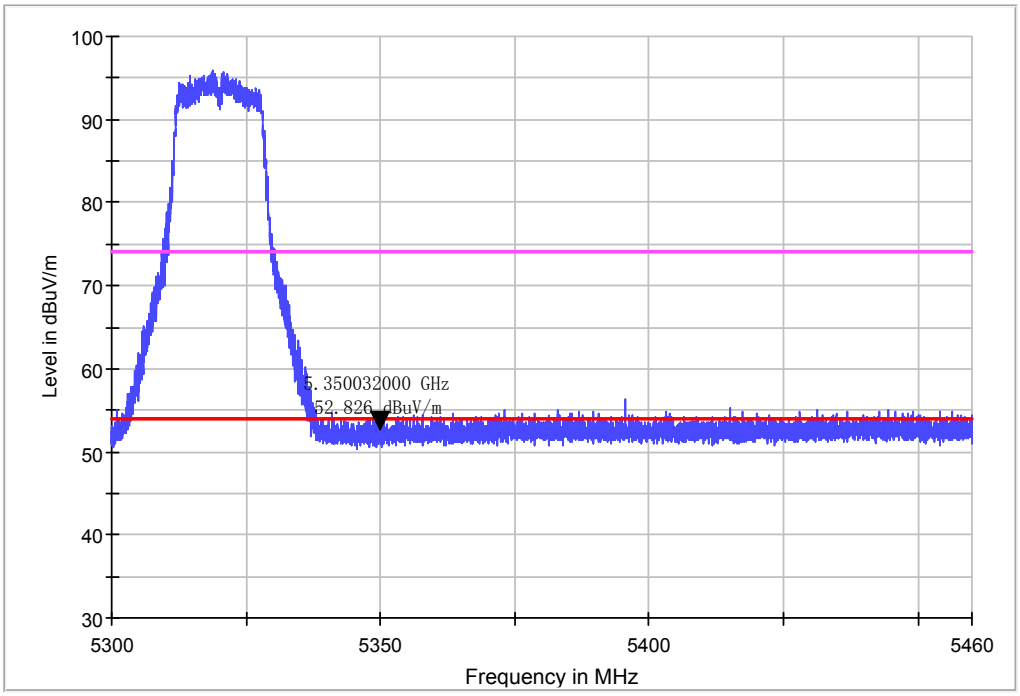
Vertical

Band edge

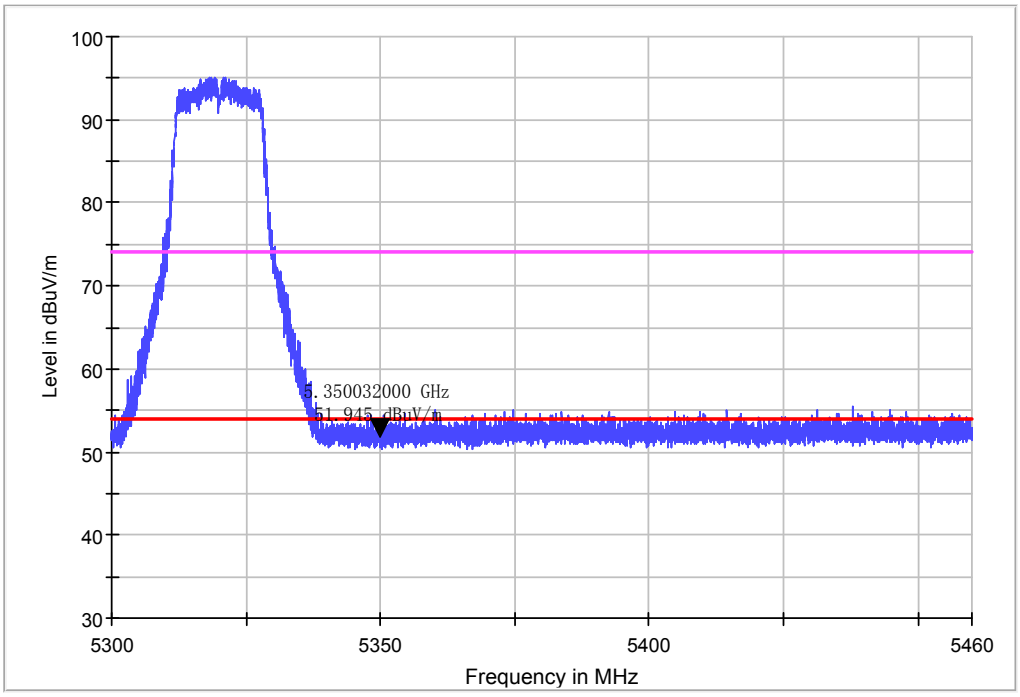
11a IN THE 5.3GHz BAND

CH64

PK



Horizontal



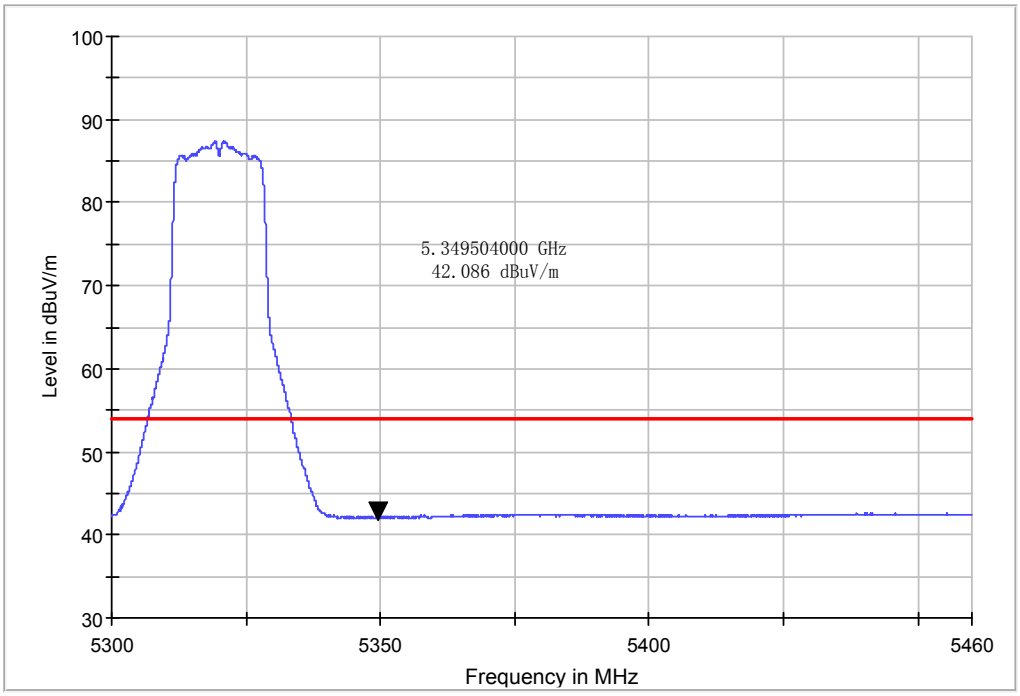
Vertical

Band edge

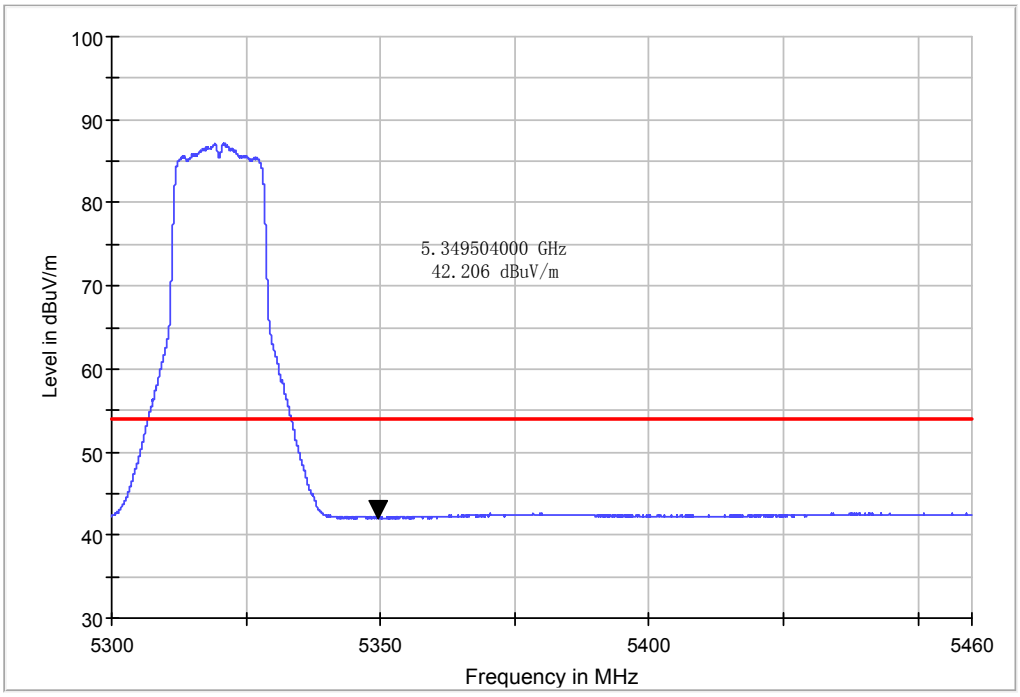
11a IN THE 5.3GHz BAND

CH64

AV



Horizontal



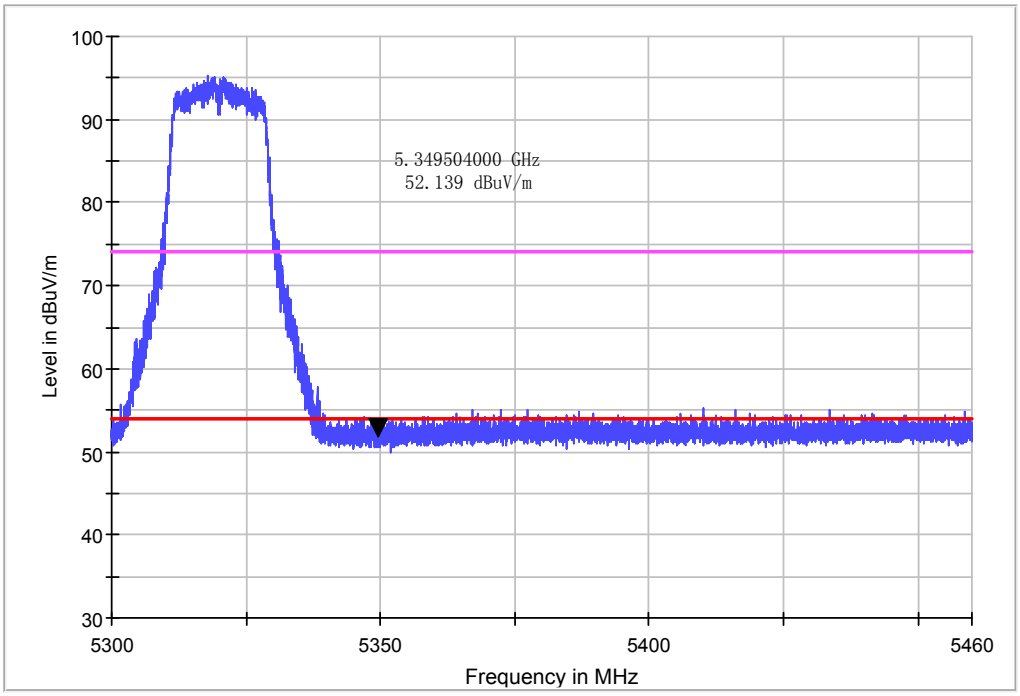
Vertical

Band edge

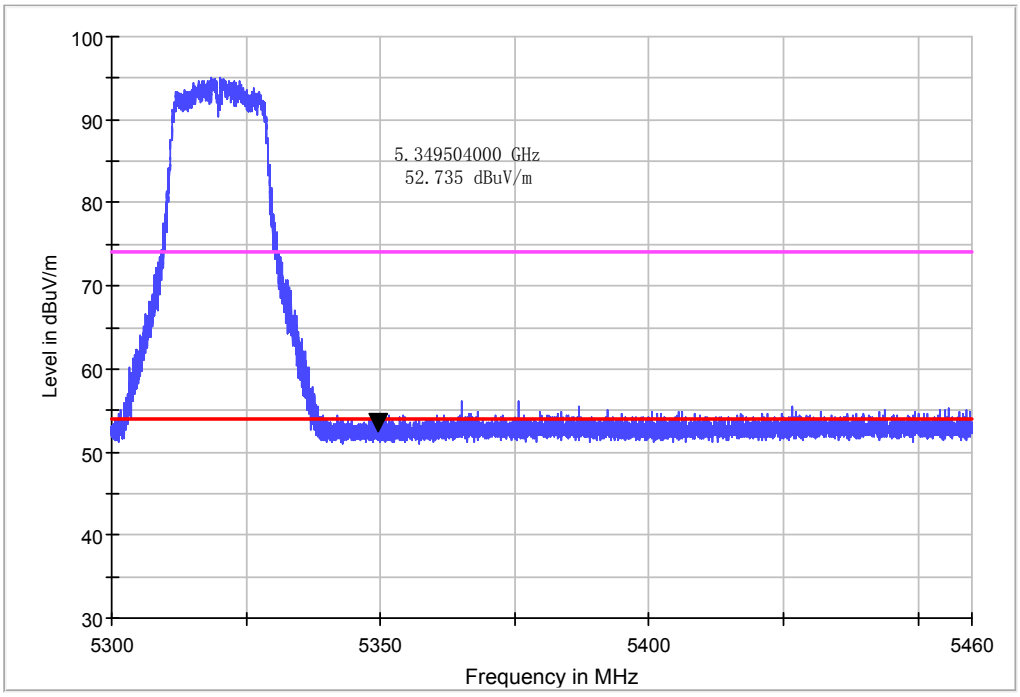
11n HT20 IN THE 5.3GHz BAND

CH64

PK



Horizontal



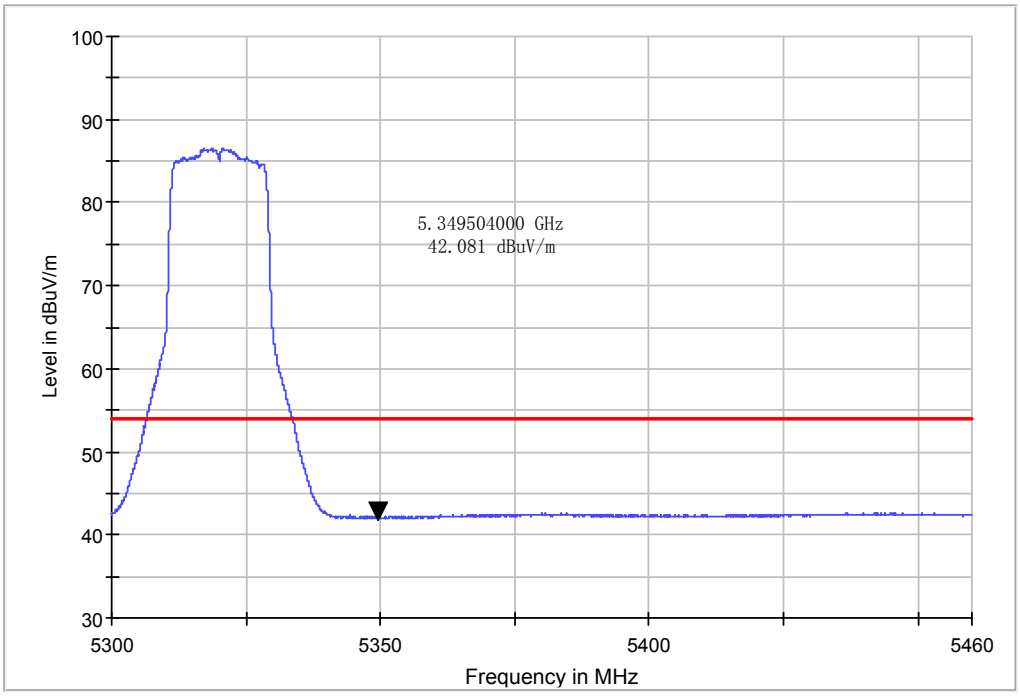
Vertical

Band edge

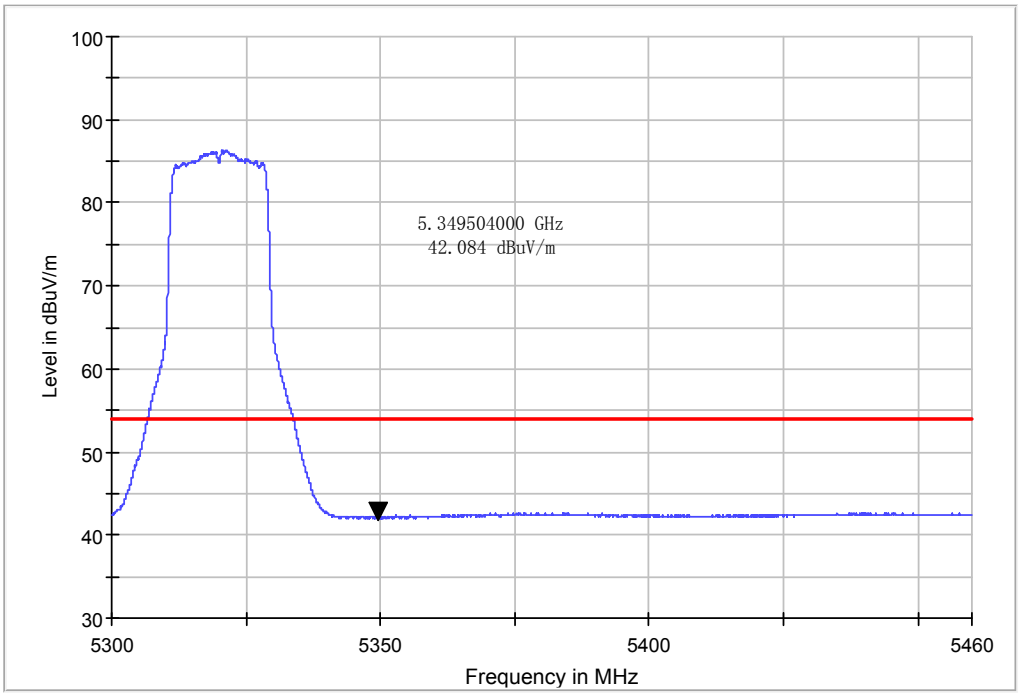
11n HT20 IN THE 5.3GHz BAND

CH64

AV



Horizontal



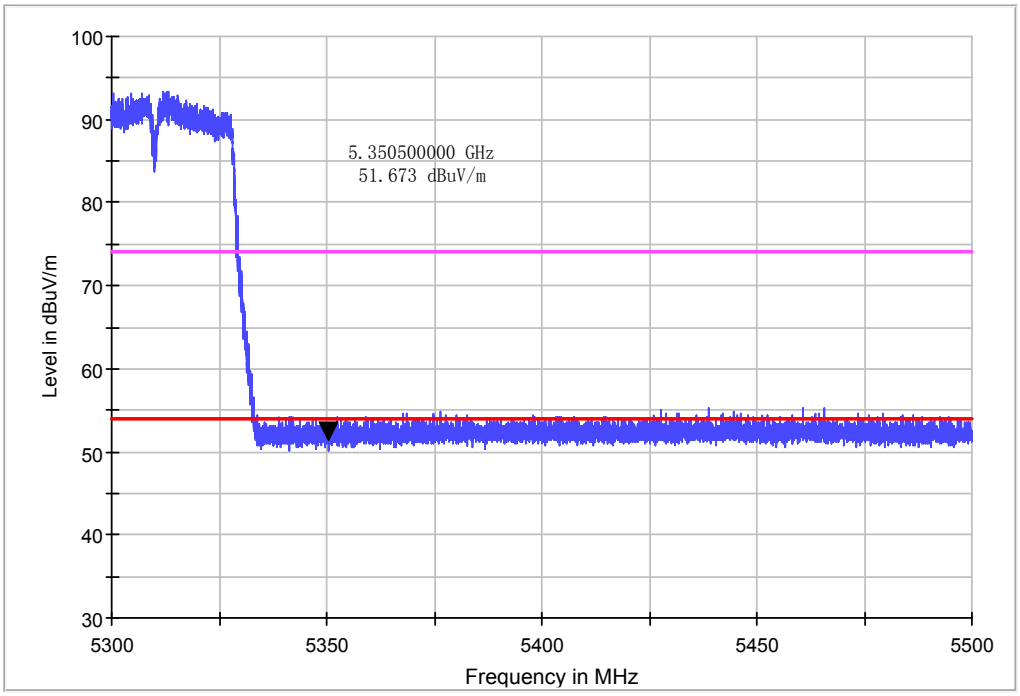
Vertical

Band edge

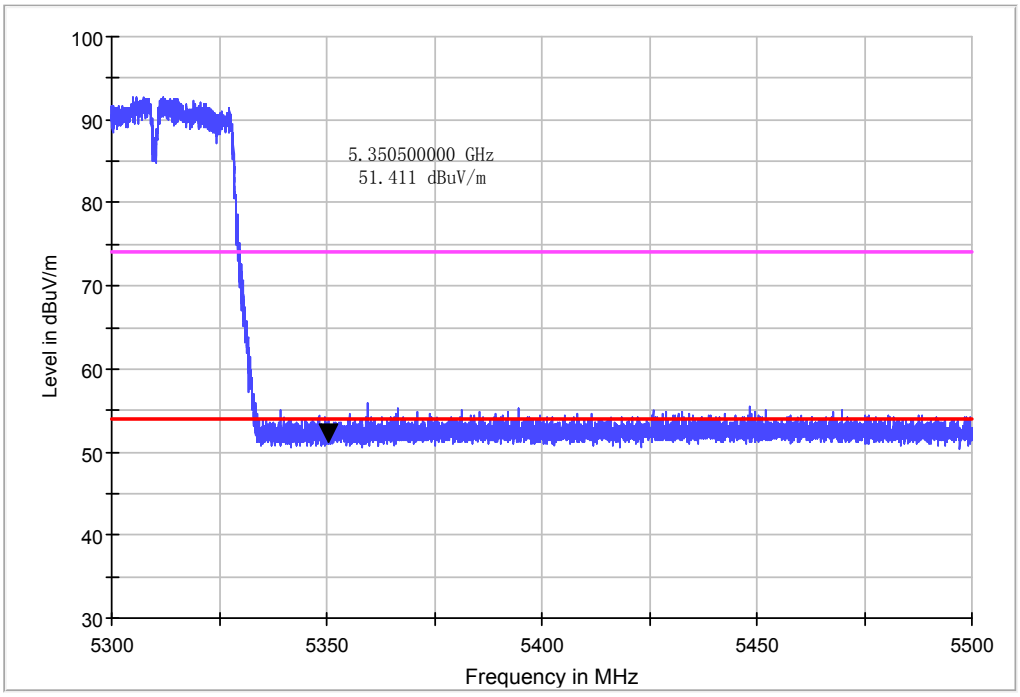
11n HT40 IN THE 5.3GHz BAND

CH62

PK



Horizontal



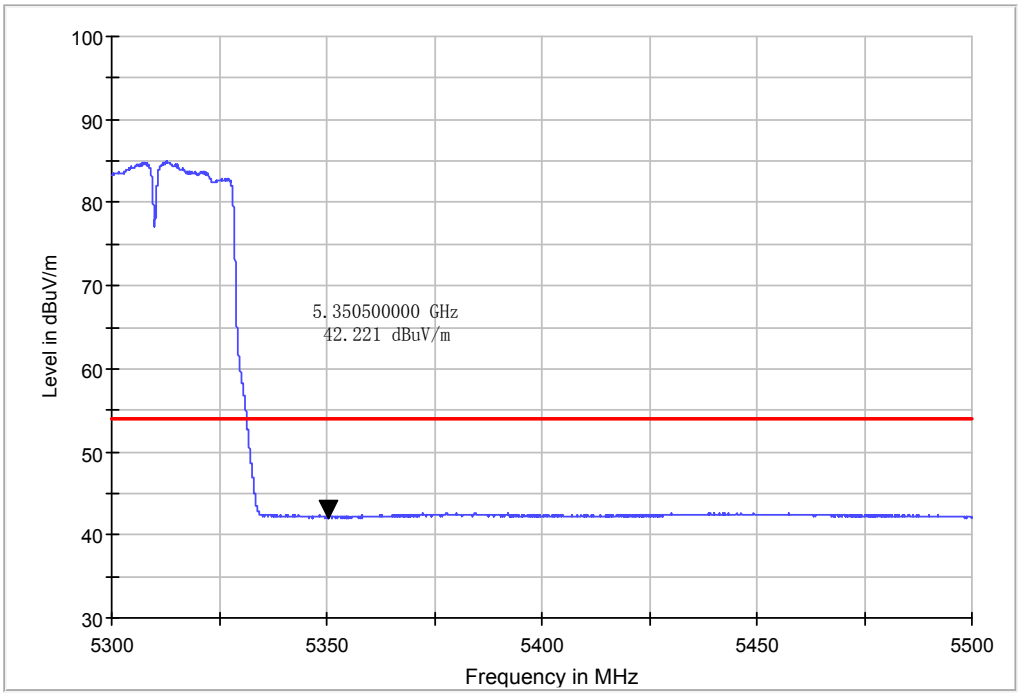
Vertical

Band edge

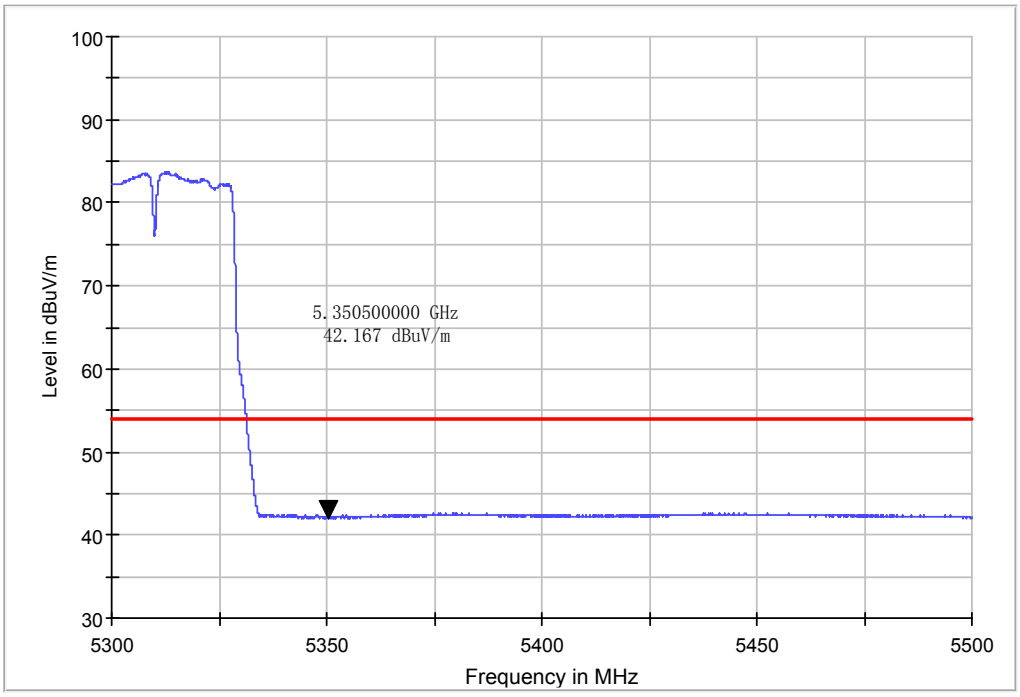
11n HT40 IN THE 5.3GHz BAND

CH62

AV



Horizontal



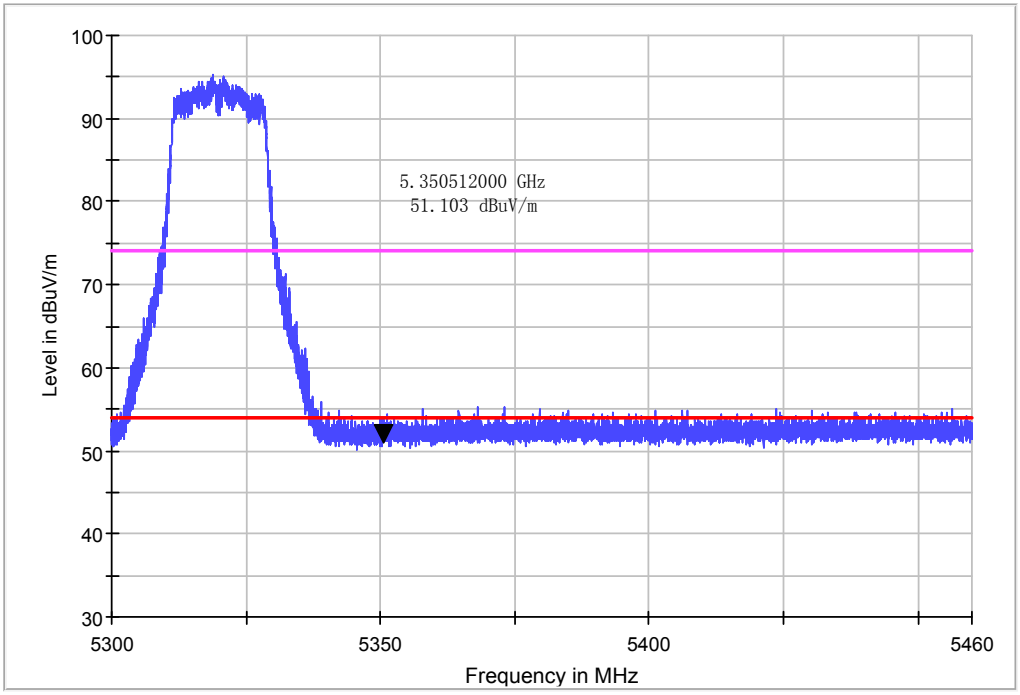
Vertical

Band edge

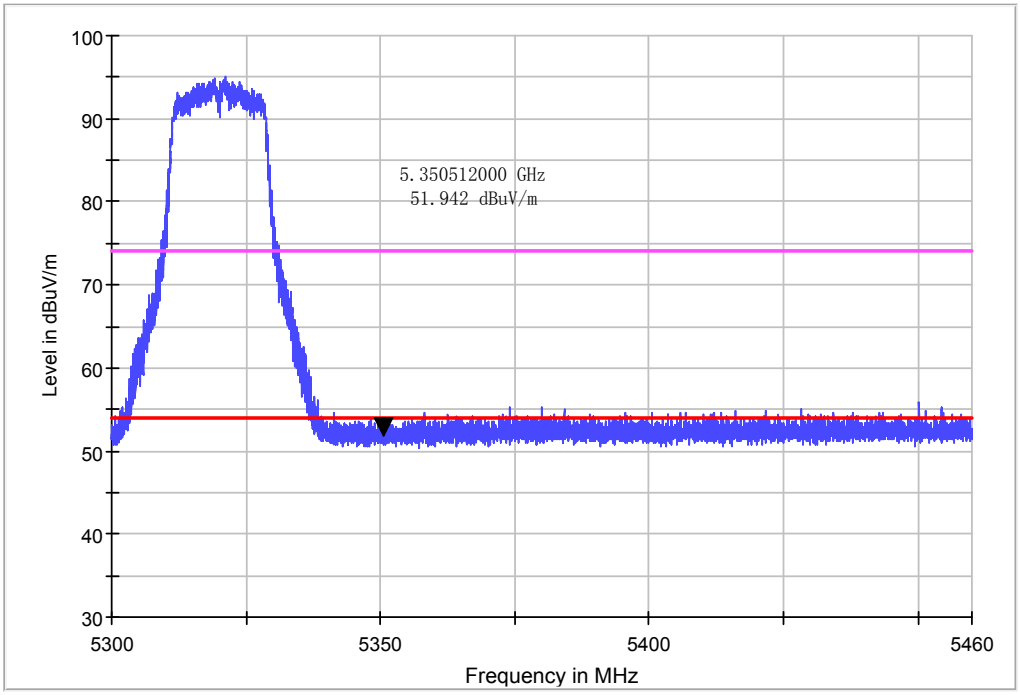
11ac VHT20 IN THE 5.3GHz BAND

CH64

PK



Horizontal



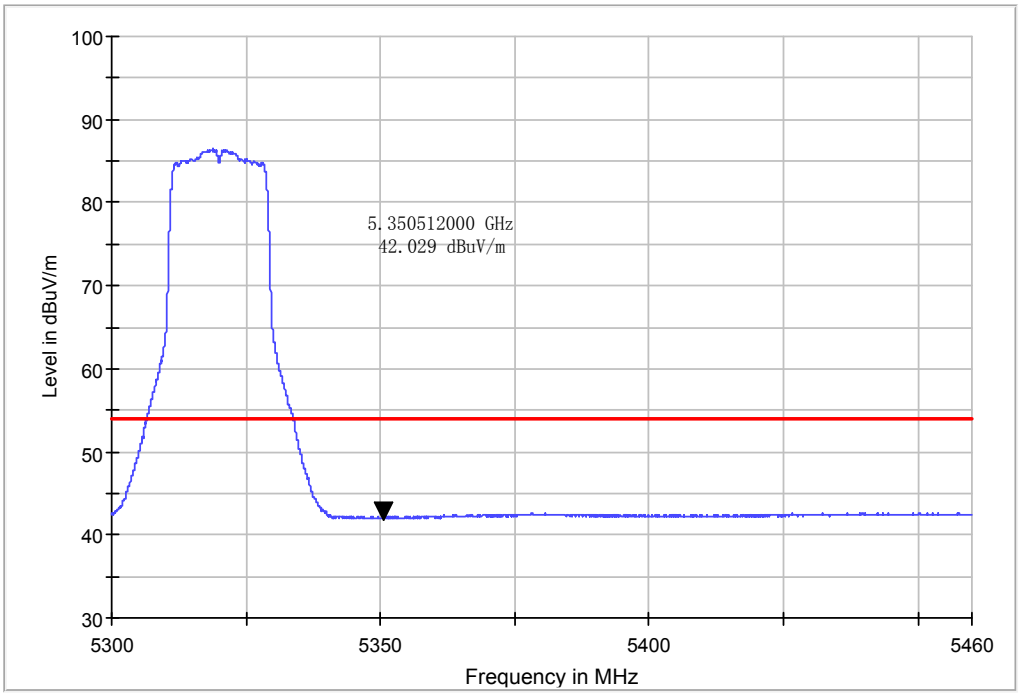
Vertical

Band edge

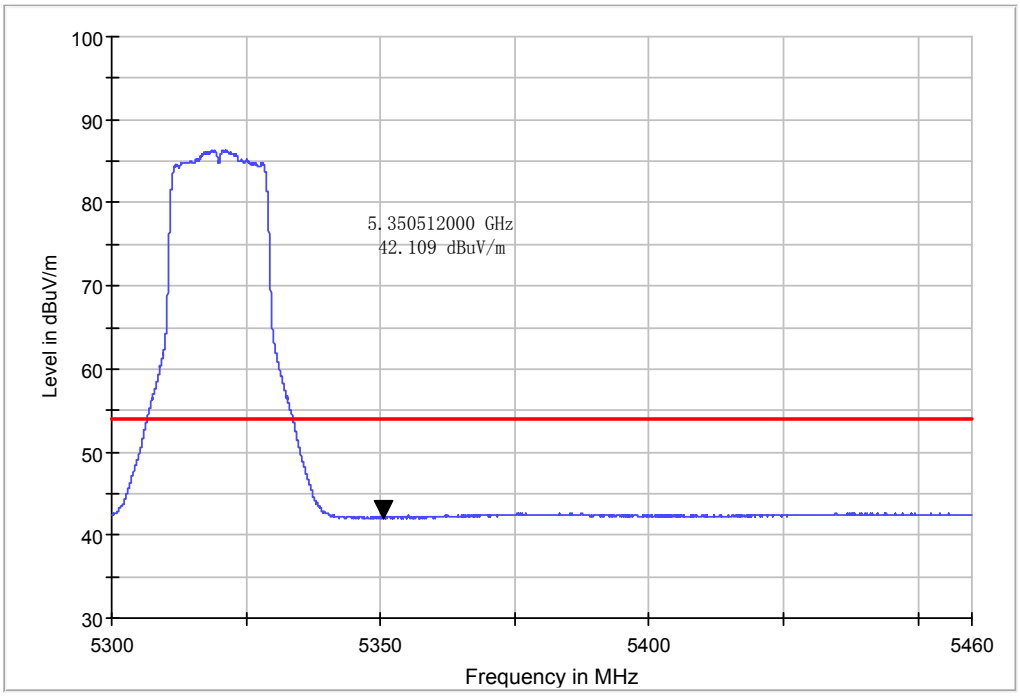
11ac VHT20 IN THE 5.3GHz BAND

CH64

AV



Horizontal



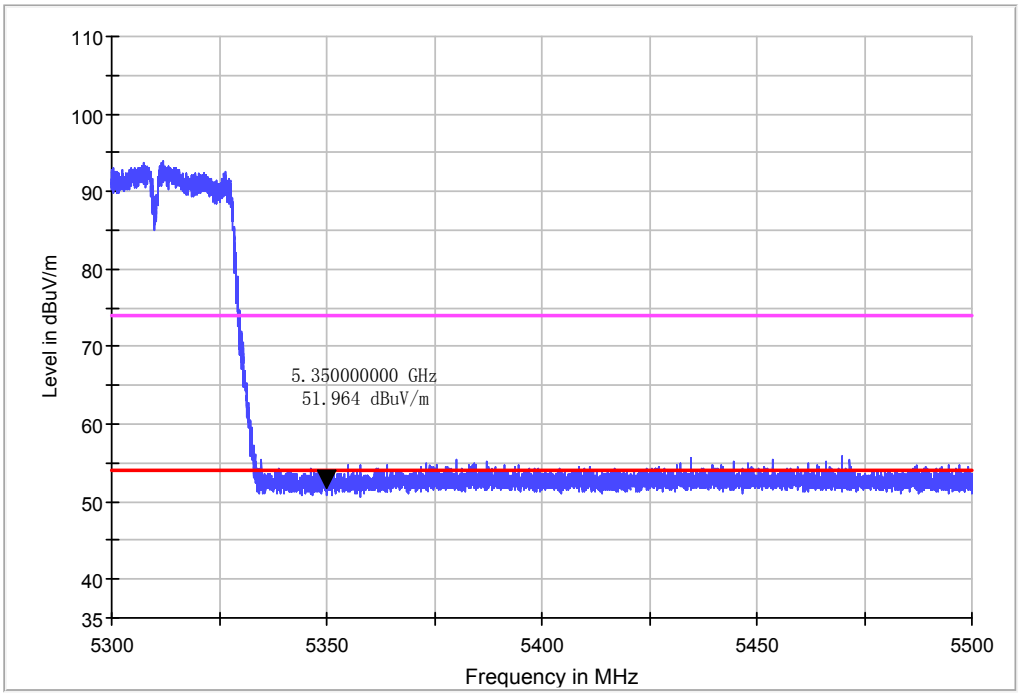
Vertical

Band edge

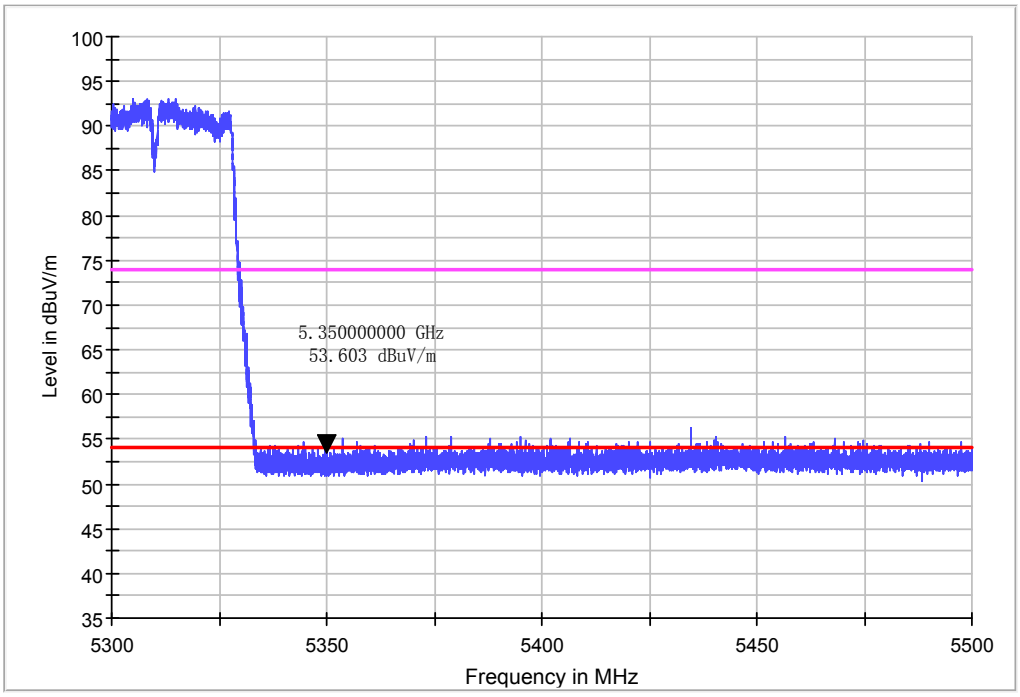
11ac VHT40 IN THE 5.3GHz BAND

CH62

PK



Horizontal



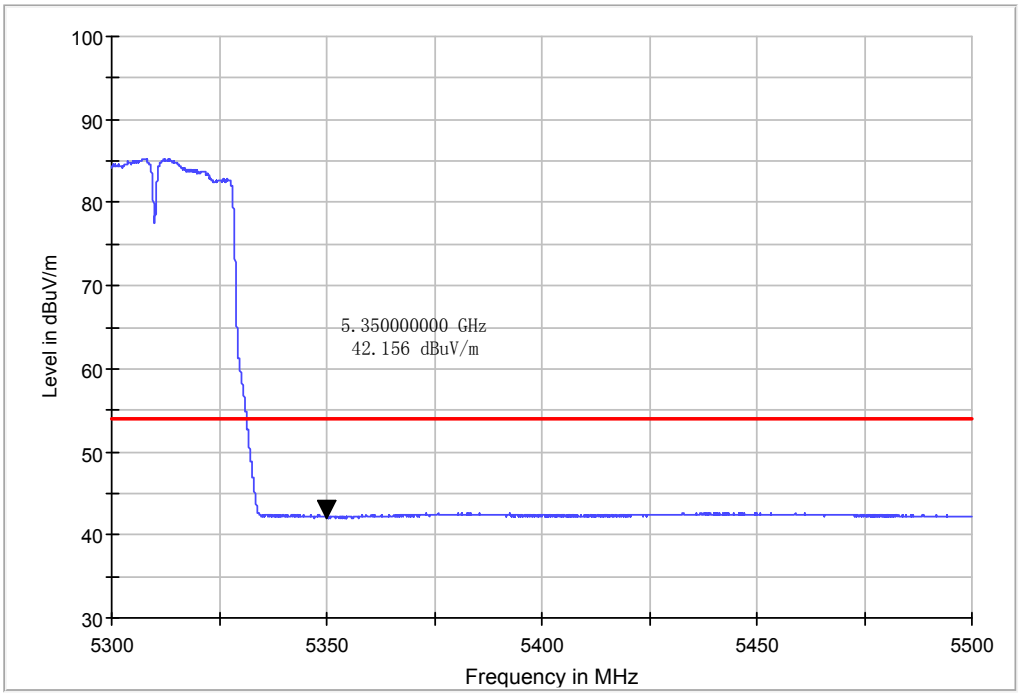
Vertical

Band edge

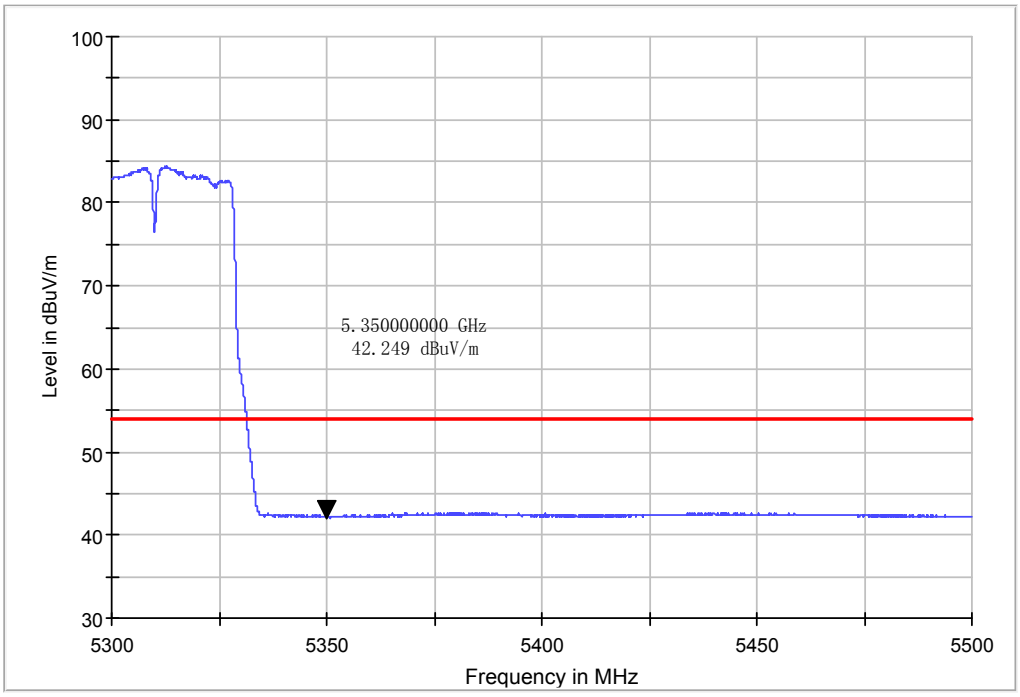
11ac VHT40 IN THE 5.3GHz BAND

CH62

AV



Horizontal



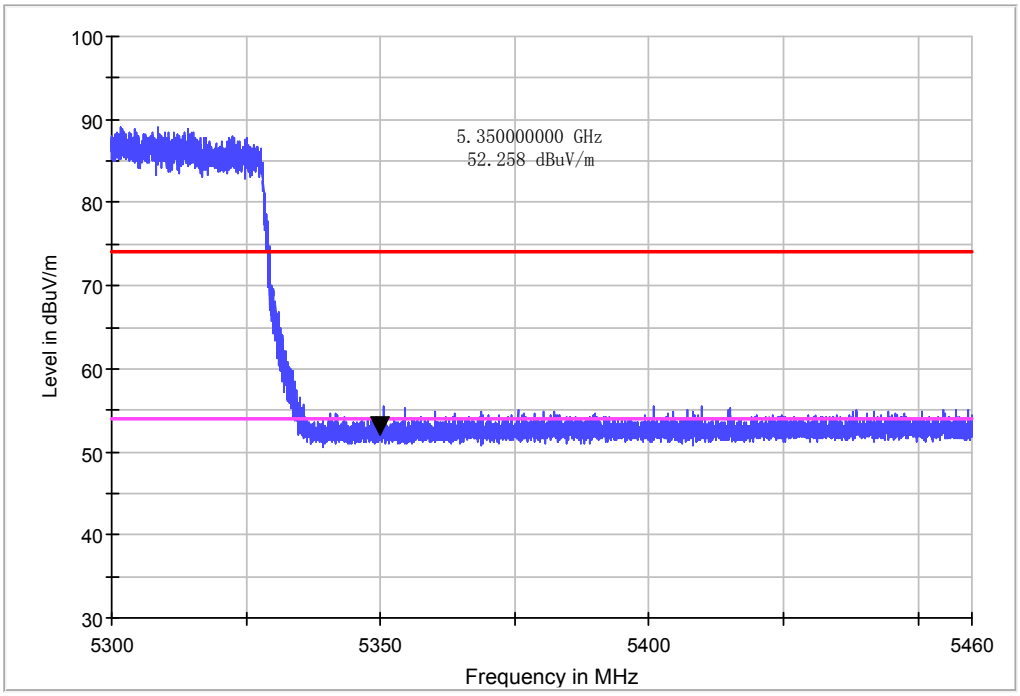
Vertical

Band edge

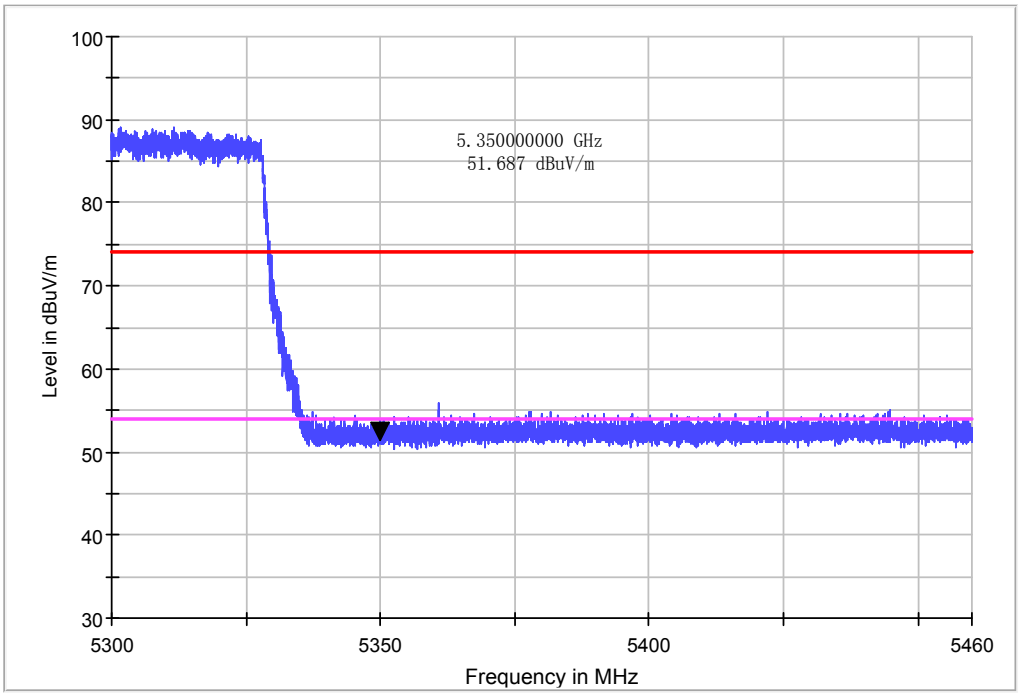
11ac VHT80 IN THE 5.3GHz BAND

CH58

PK



Horizontal



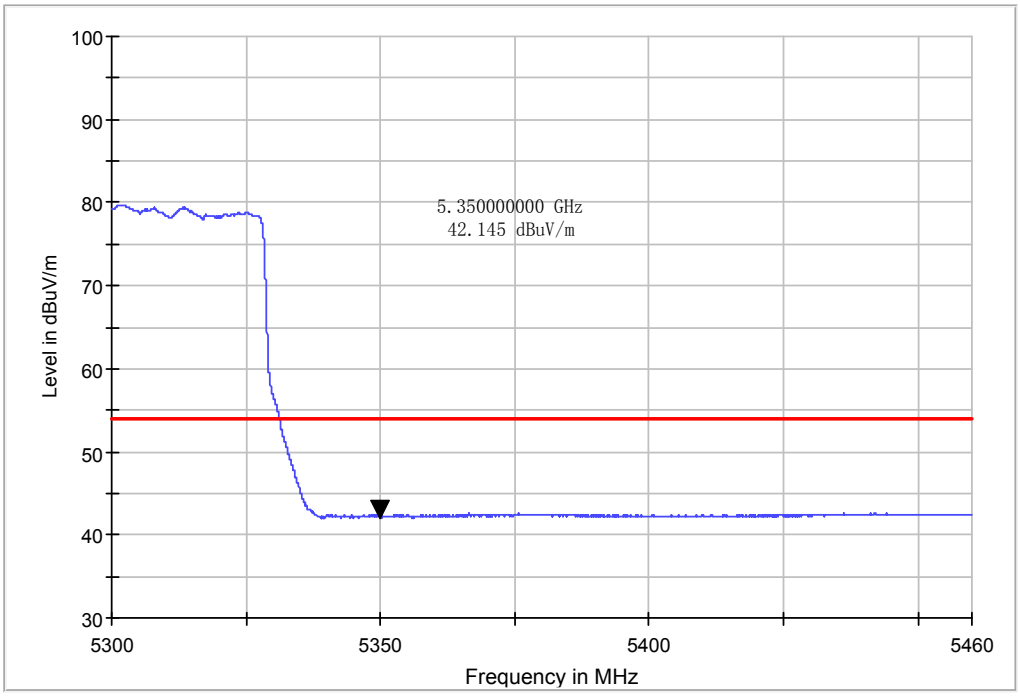
Vertical

Band edge

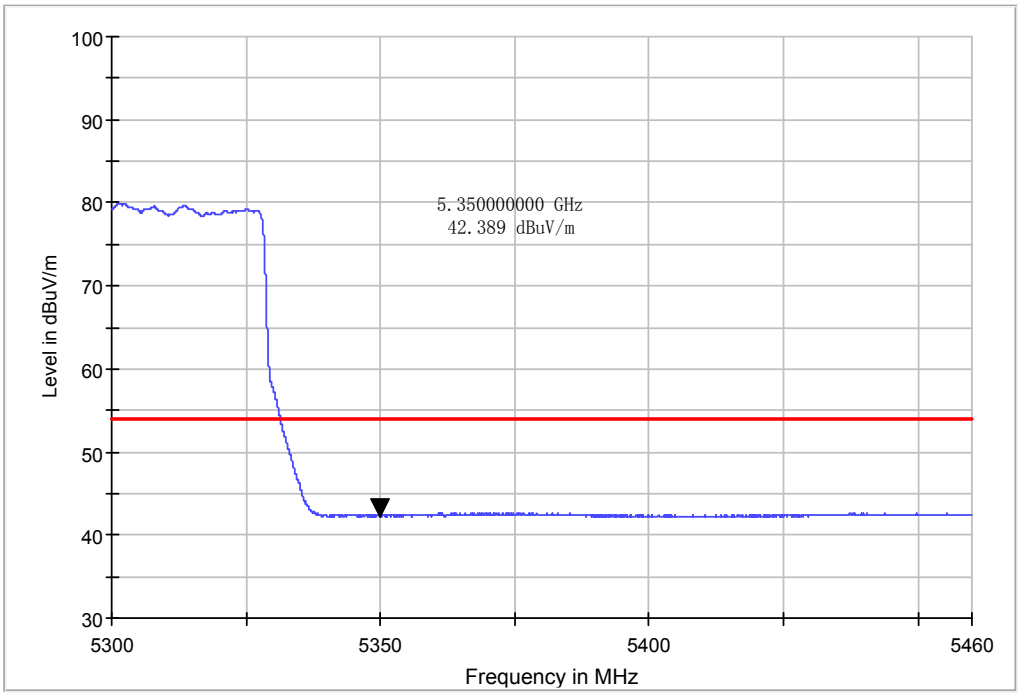
11ac VHT80 IN THE 5.3GHz BAND

CH58

AV



Horizontal



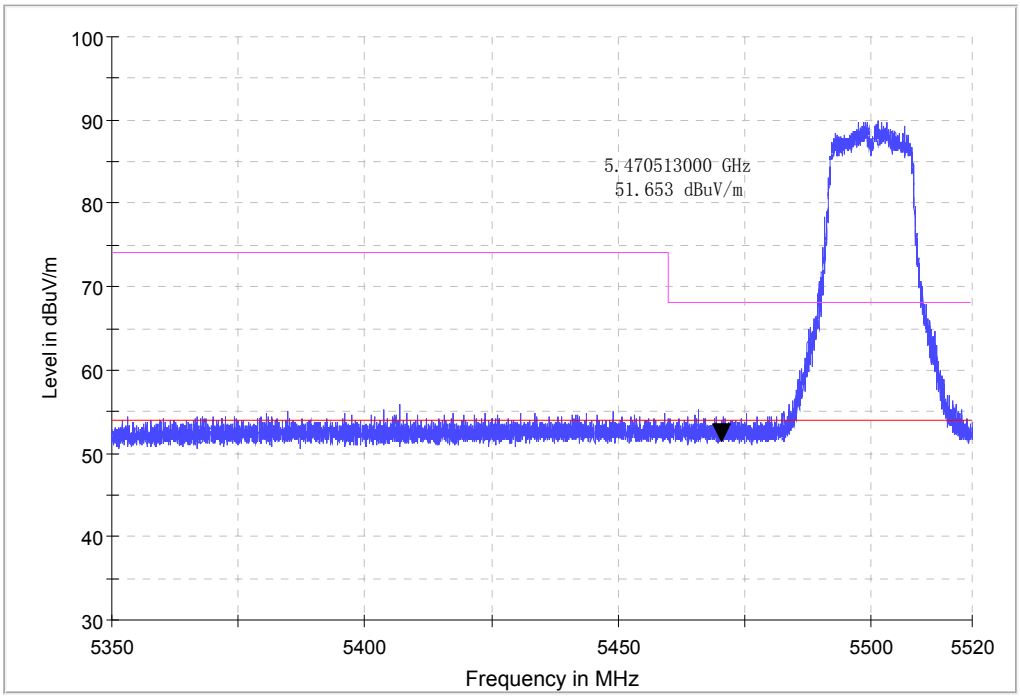
Vertical

Band edge

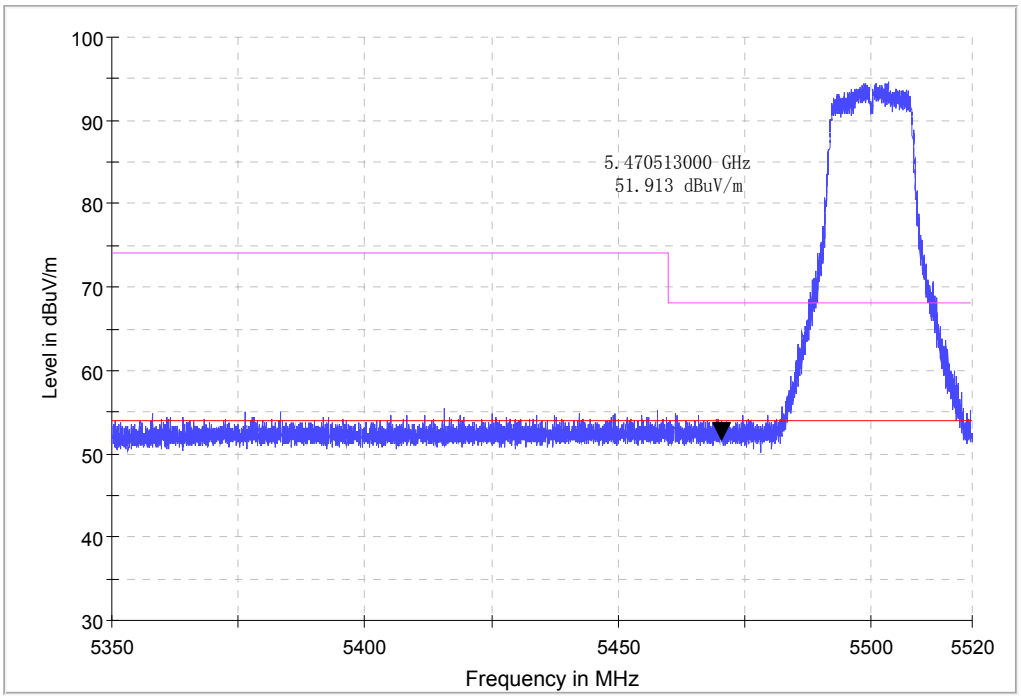
11a IN THE 5.6GHz BAND

CH100

PK



Horizontal



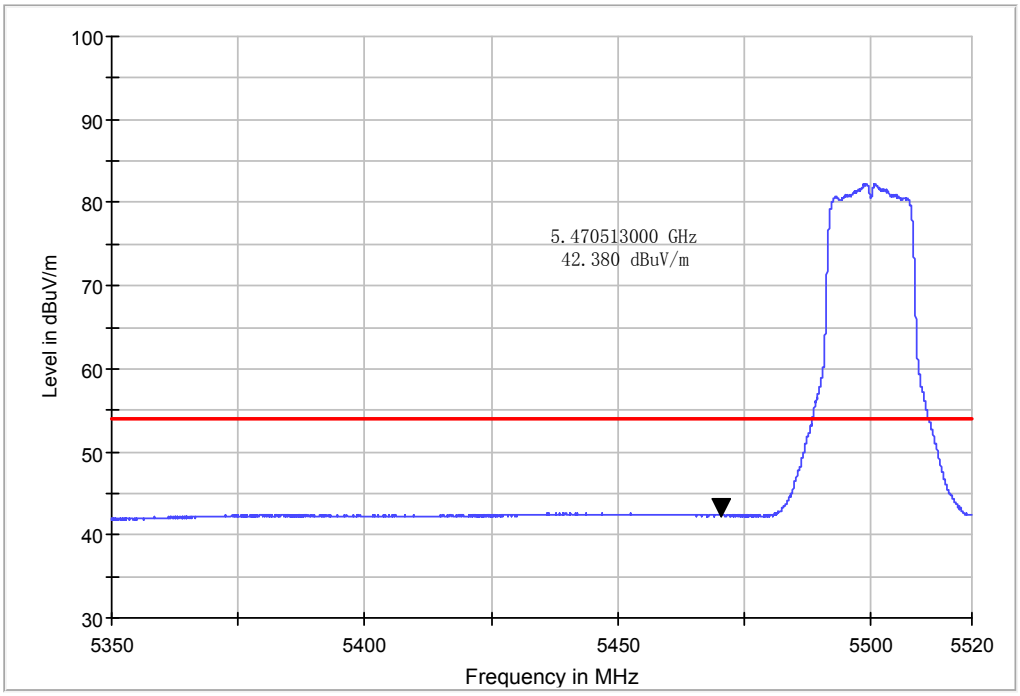
Vertical

Band edge

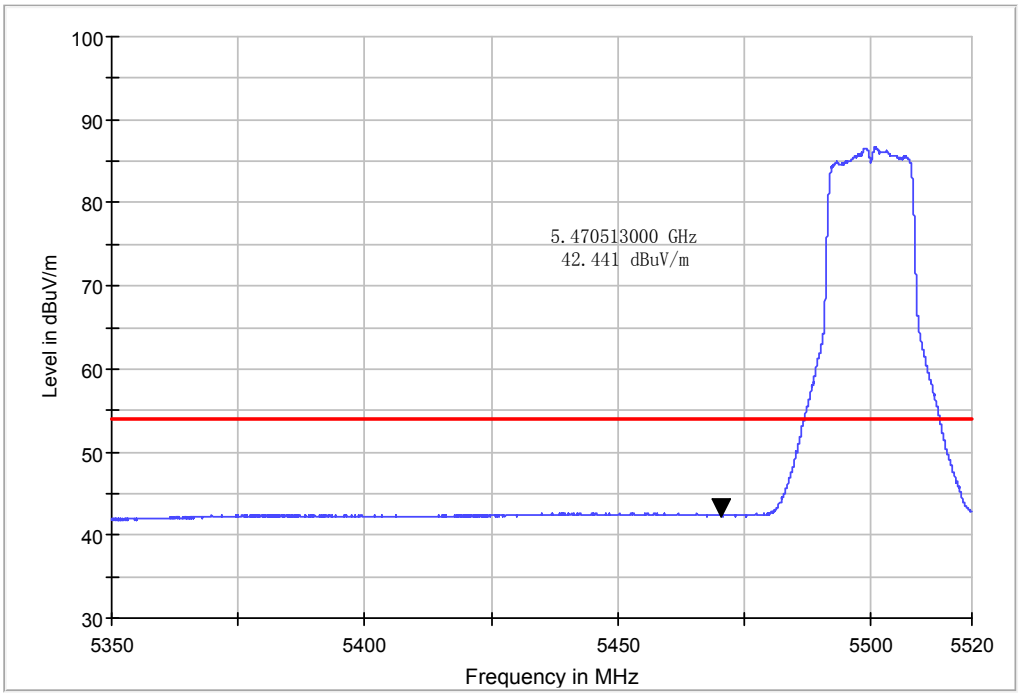
11a IN THE 5.6GHz BAND

CH100

AV



Horizontal



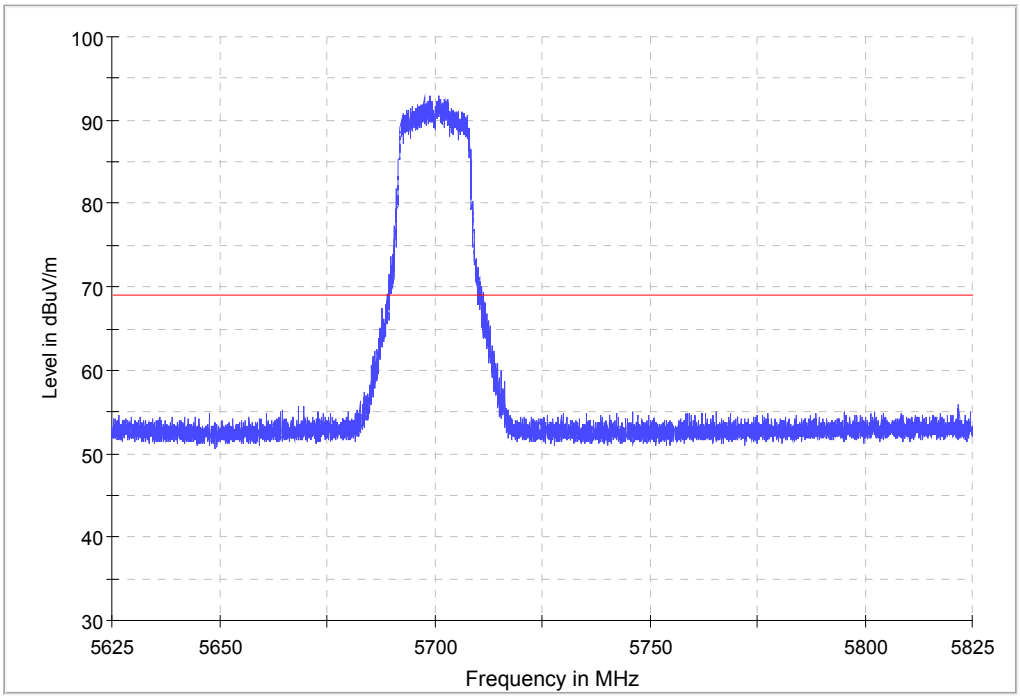
Vertical

Band edge

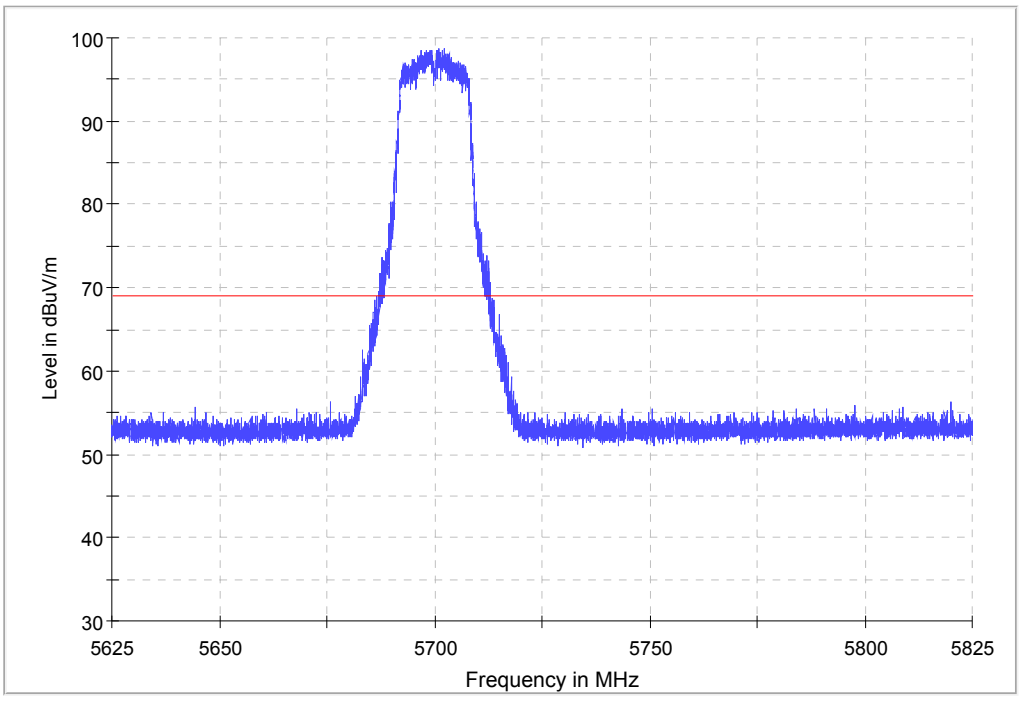
11a IN THE 5.6GHz BAND

CH140

PK



Horizontal



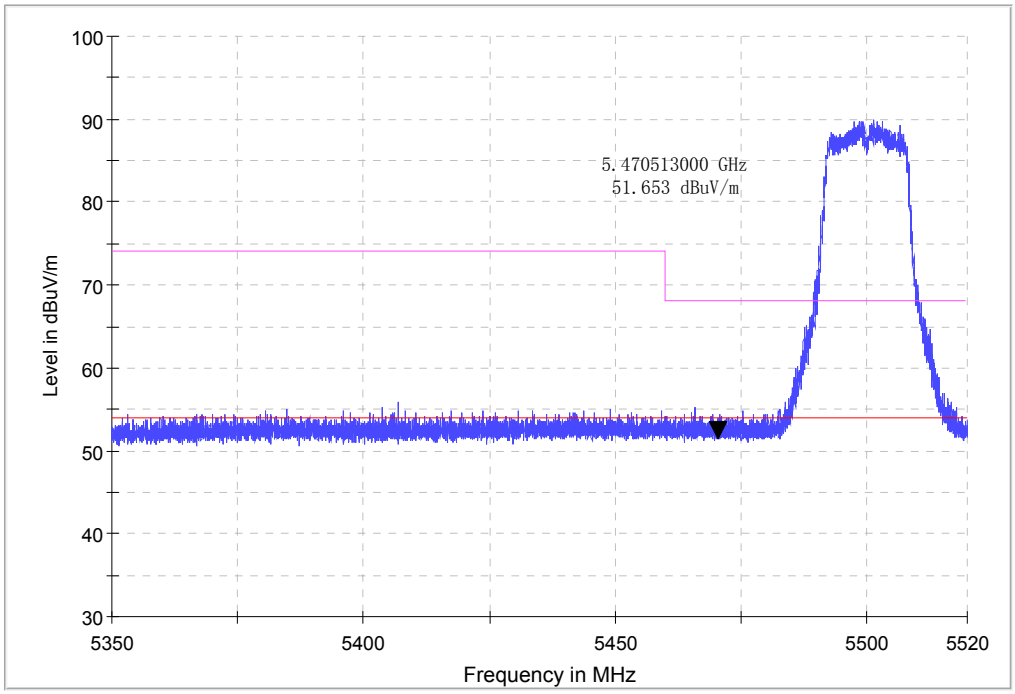
Vertical

Band edge

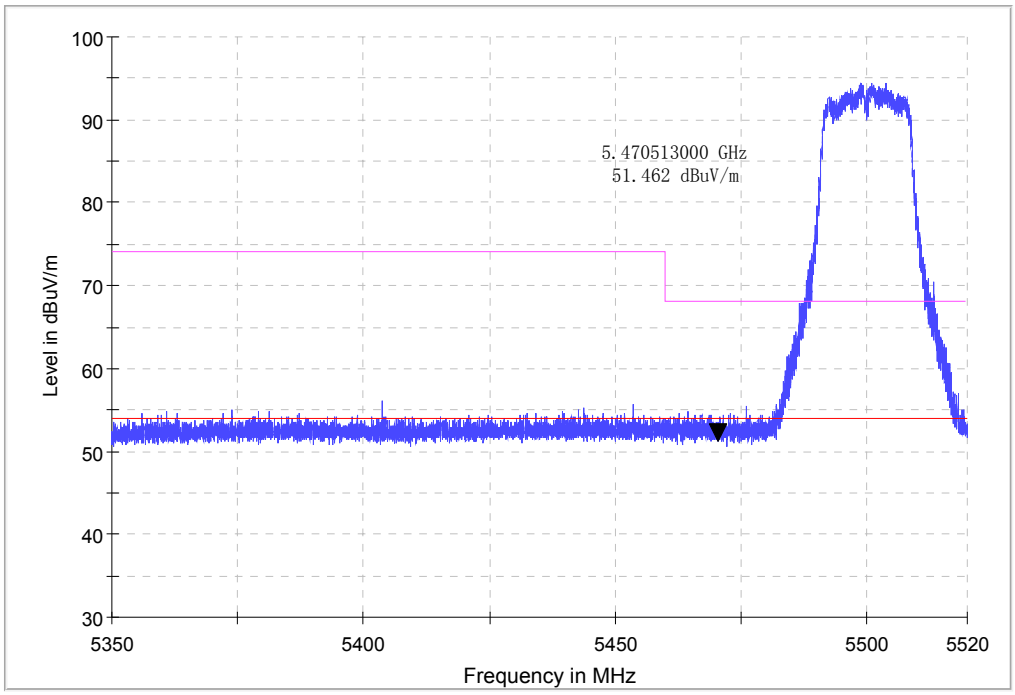
11n HT20 IN THE 5.6GHz BAND

CH100

PK



Horizontal



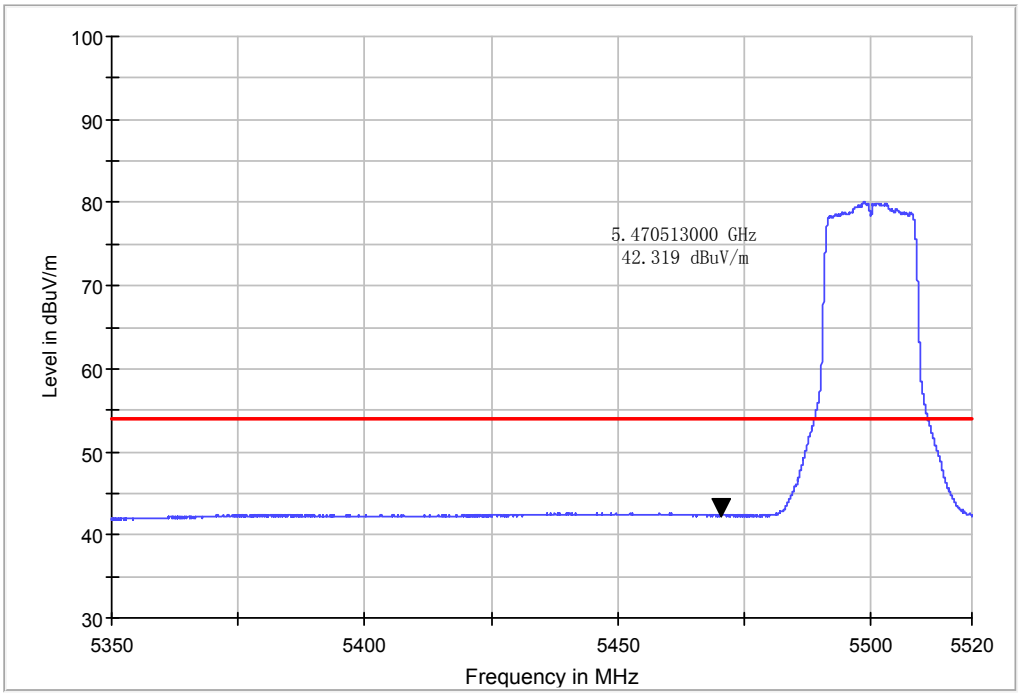
Vertical

Band edge

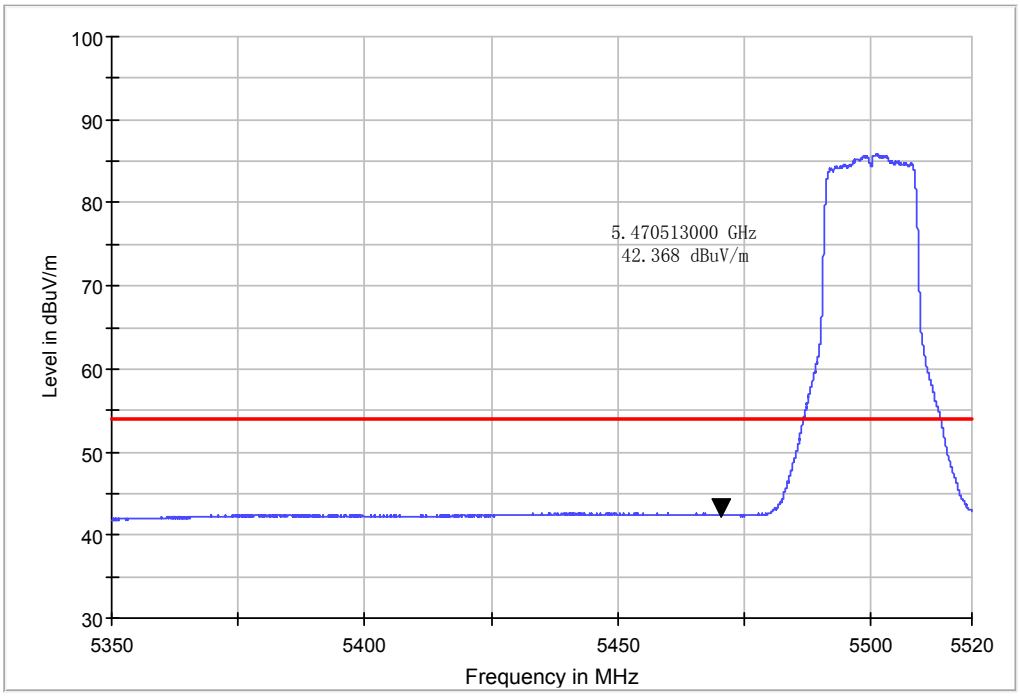
11n HT20 IN THE 5.6GHz BAND

CH100

AV



Horizontal



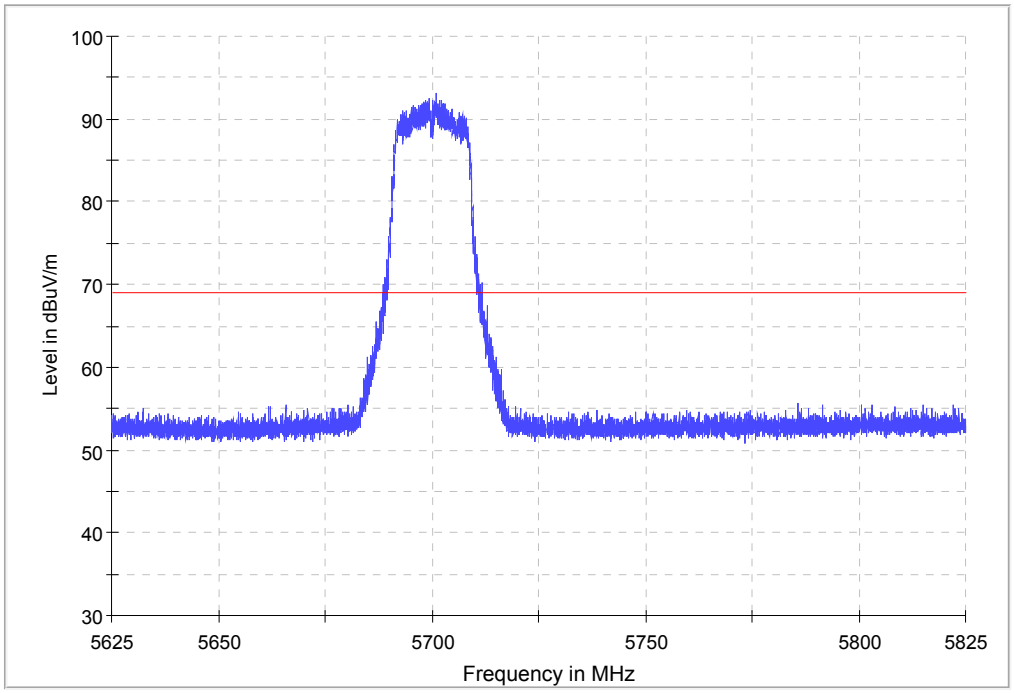
Vertical

Band edge

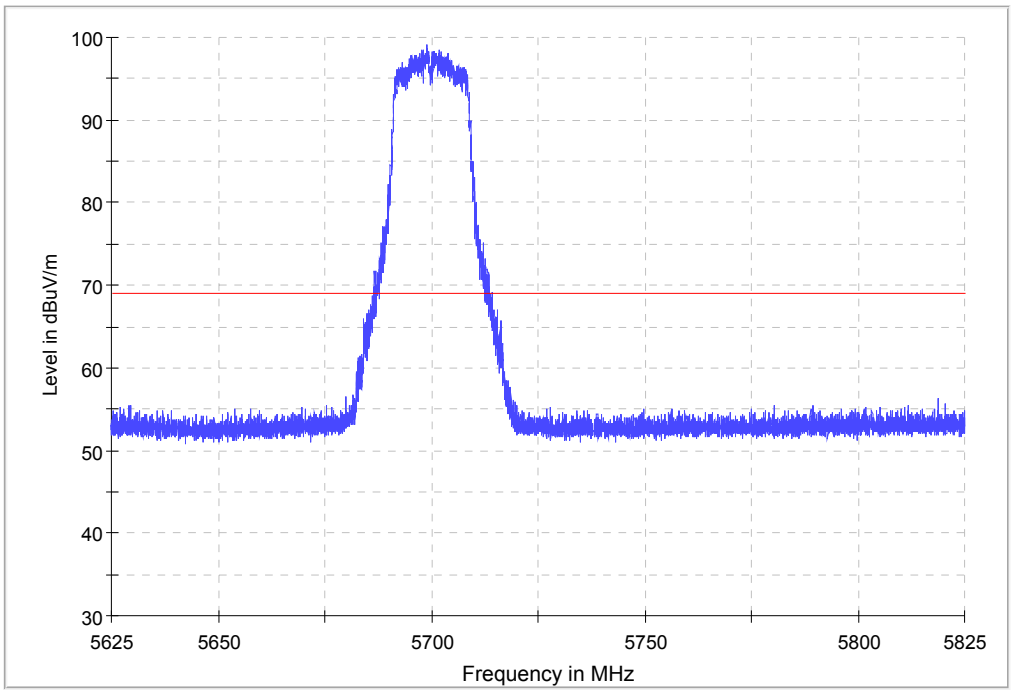
11n HT20 IN THE 5.6GHz BAND

CH140

PK



Horizontal



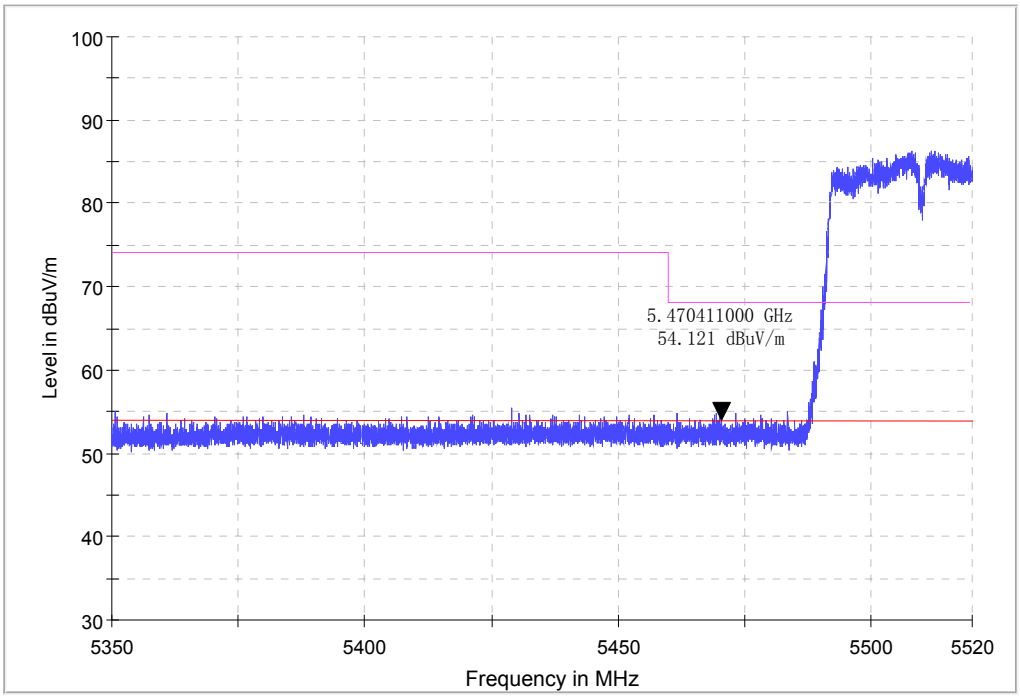
Vertical

Band edge

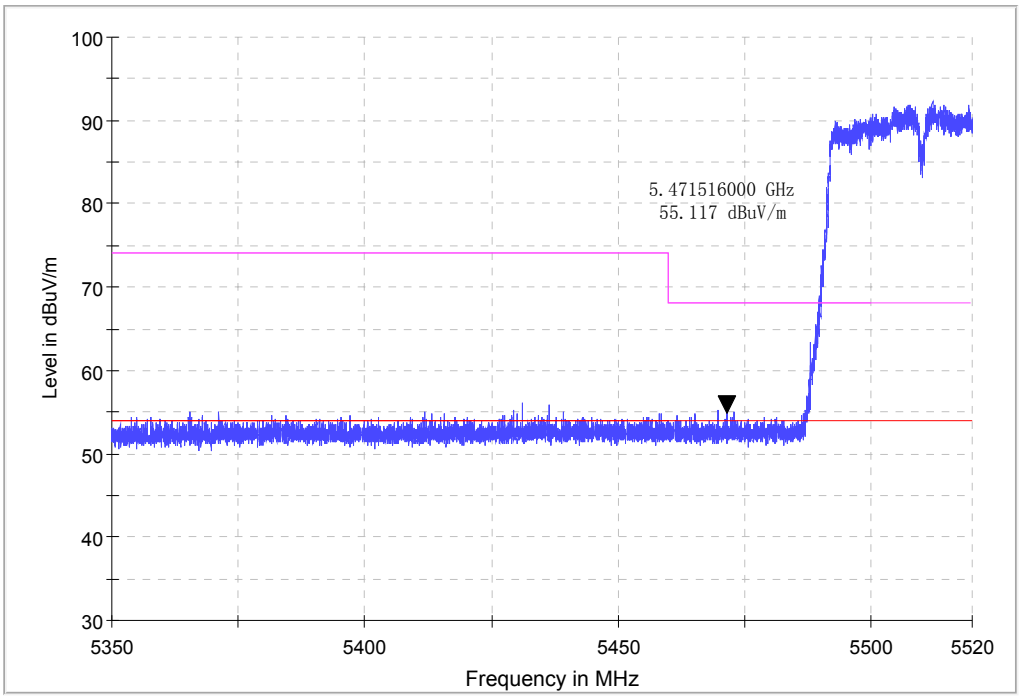
11n HT40 IN THE 5.6GHz BAND

CH100

PK



Horizontal



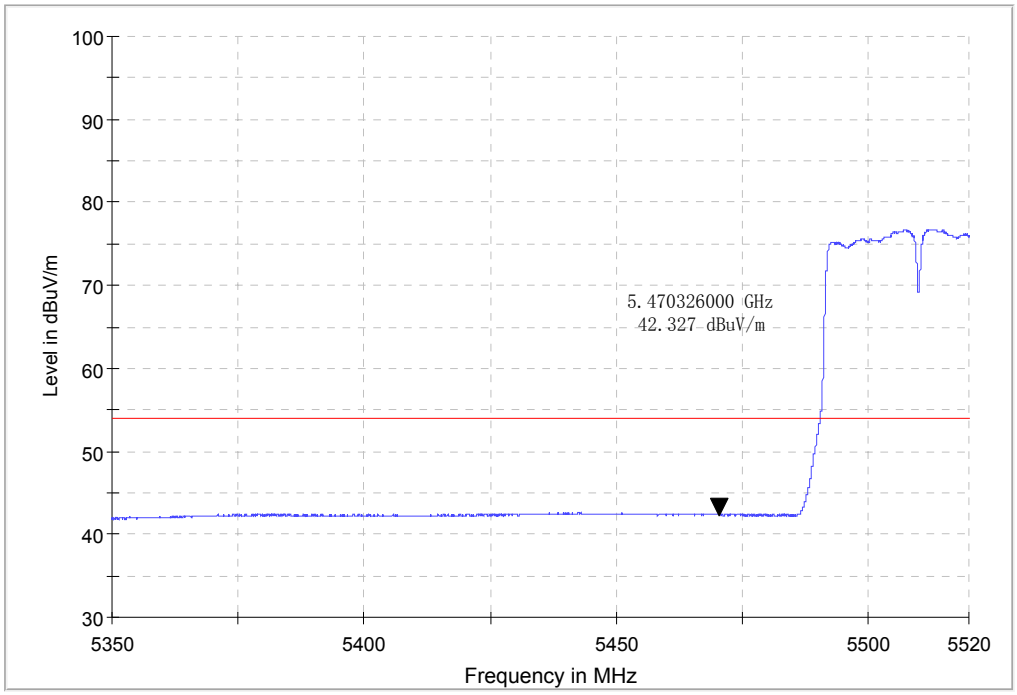
Vertical

Band edge

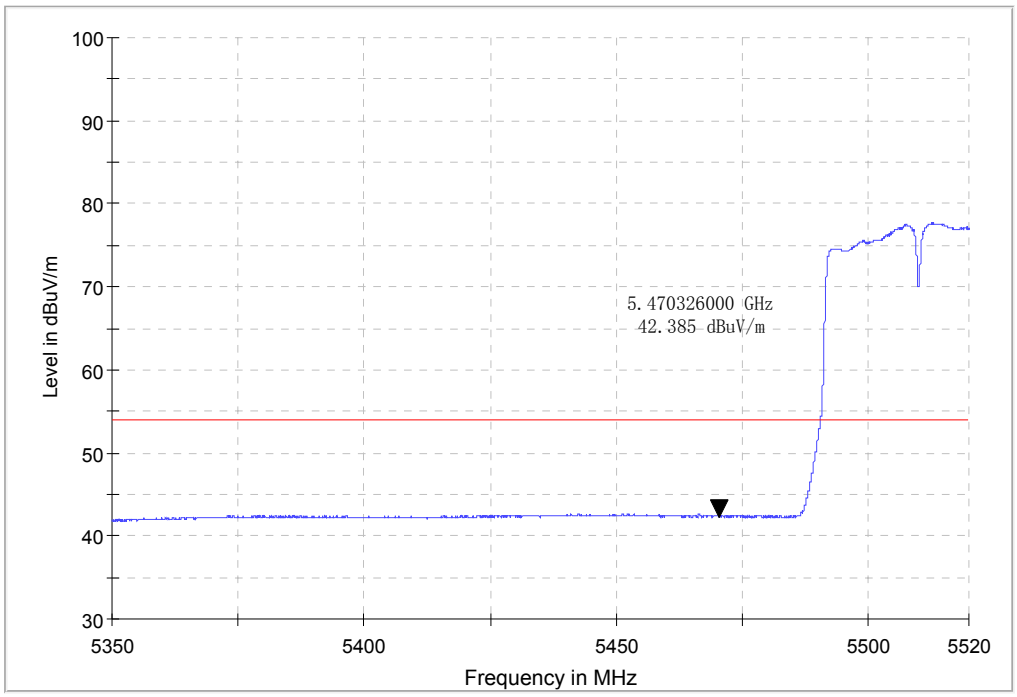
11n HT40 IN THE 5.6GHz BAND

CH100

AV



Horizontal



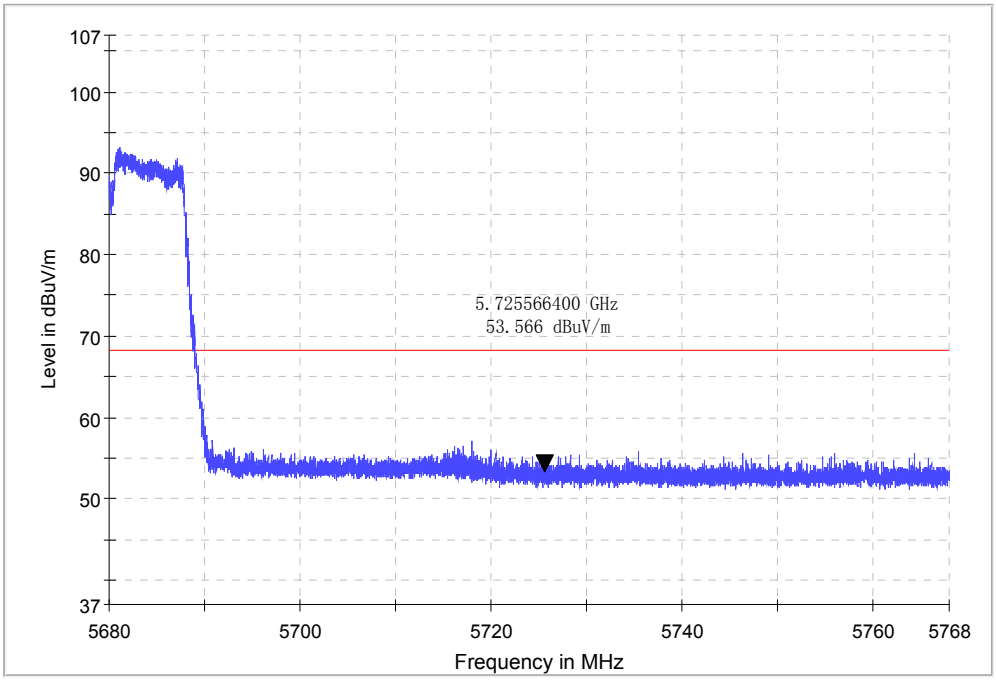
Vertical

Band edge

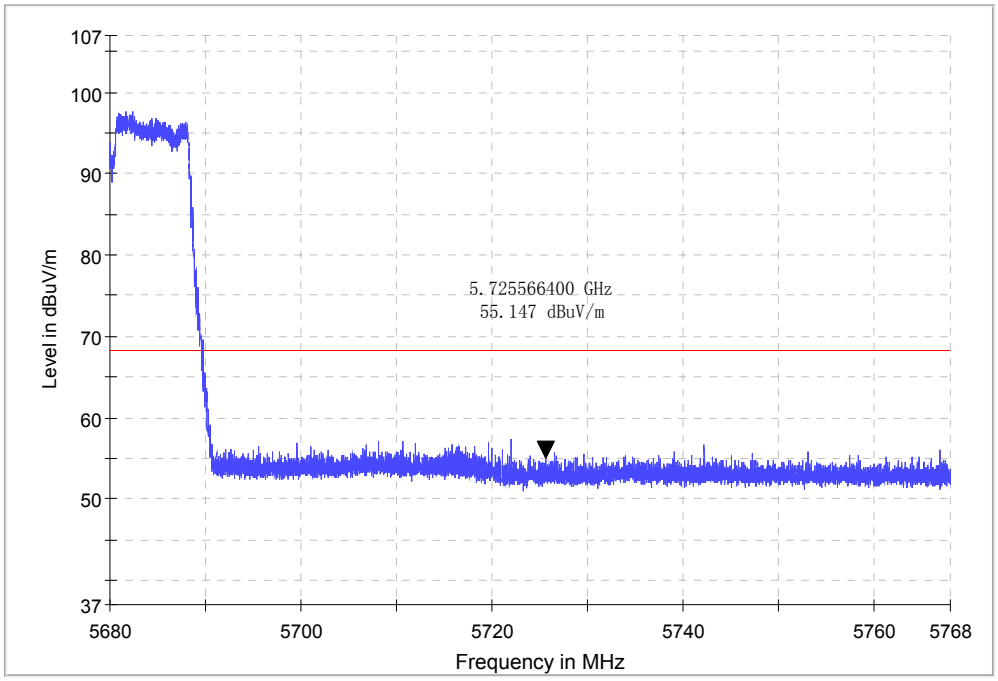
11n HT40 IN THE 5.6GHz BAND

CH134

PK



Horizontal



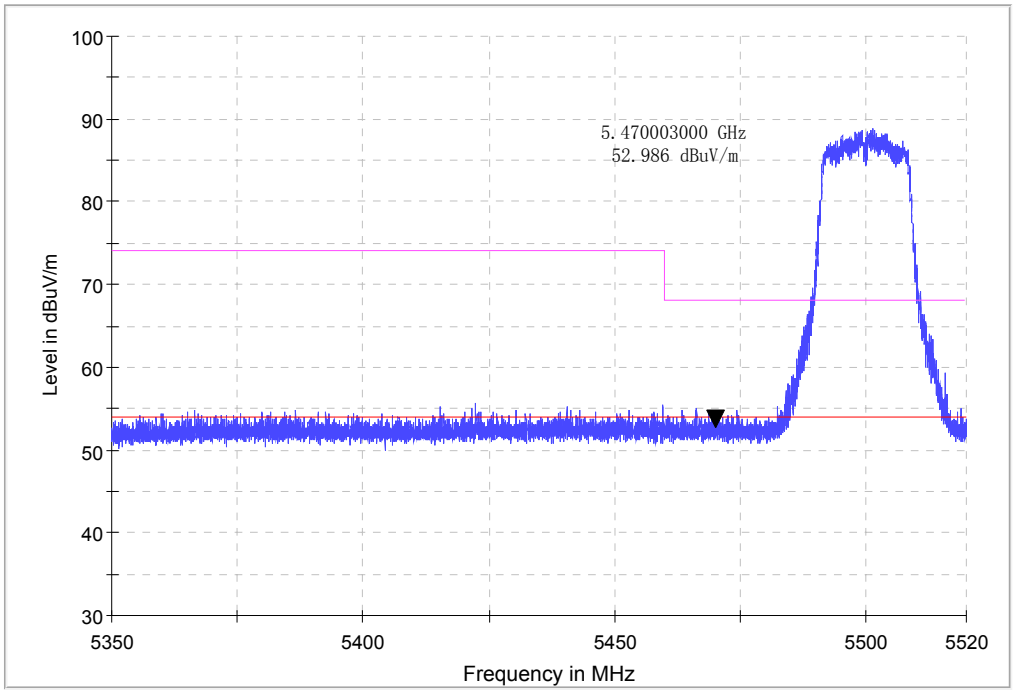
Vertical

Band edge

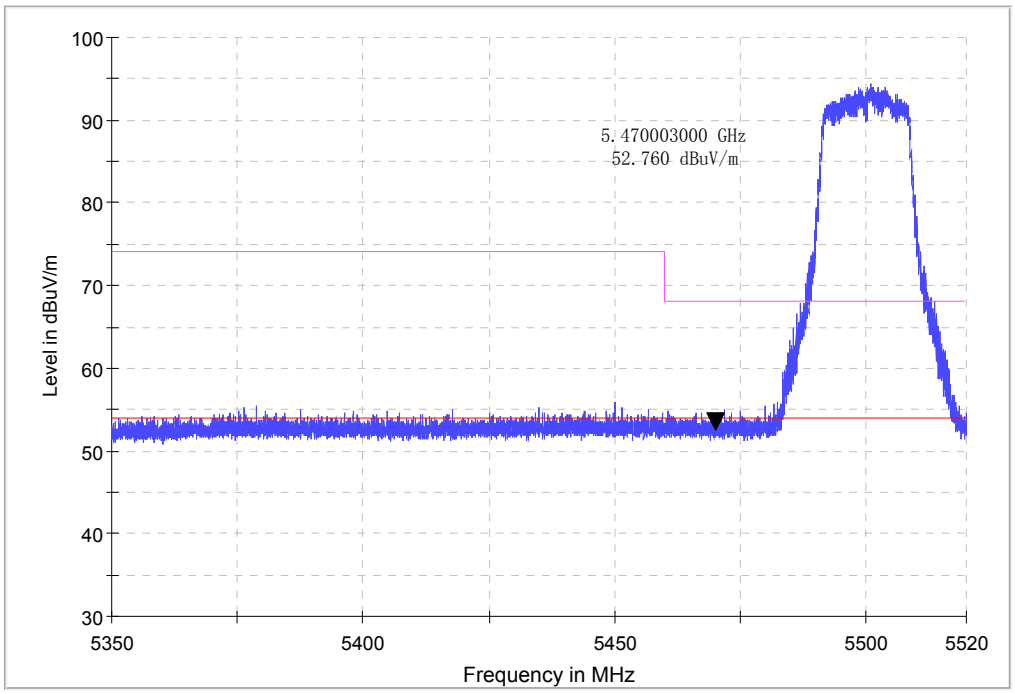
11ac VHT20 IN THE 5.6GHz BAND

CH100

PK



Horizontal



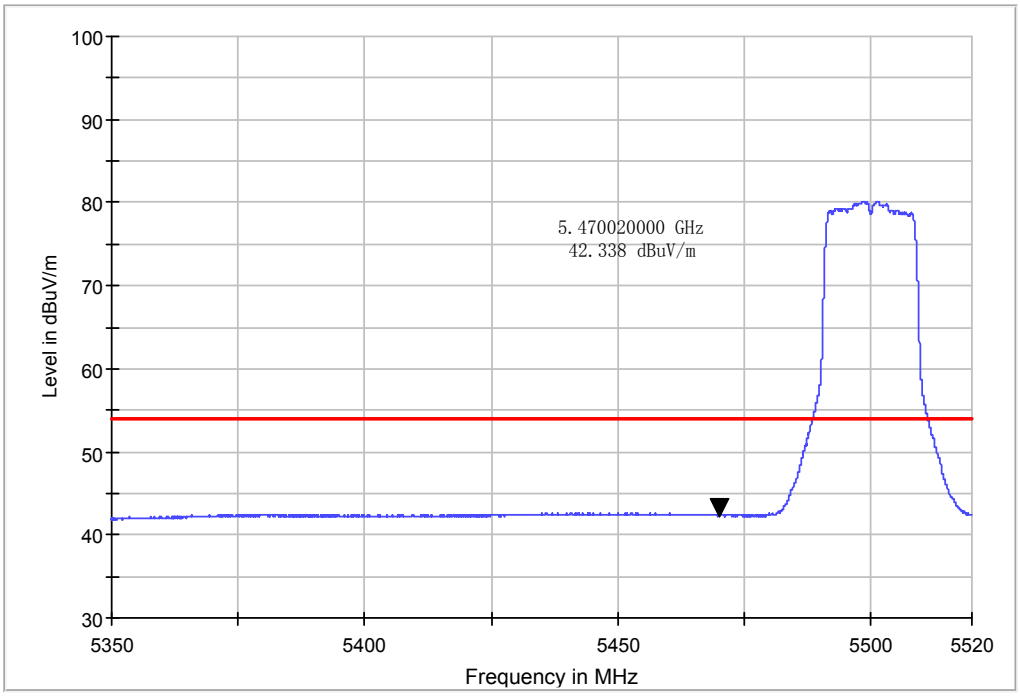
Vertical

Band edge

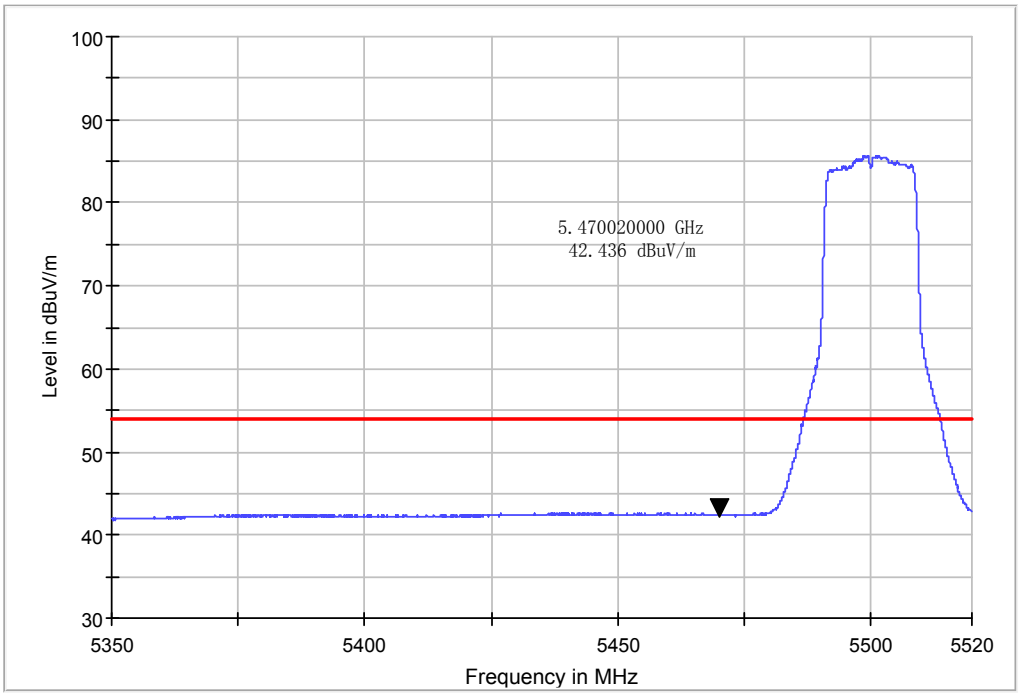
11ac VHT20 IN THE 5.3GHz BAND

CH64

AV



Horizontal



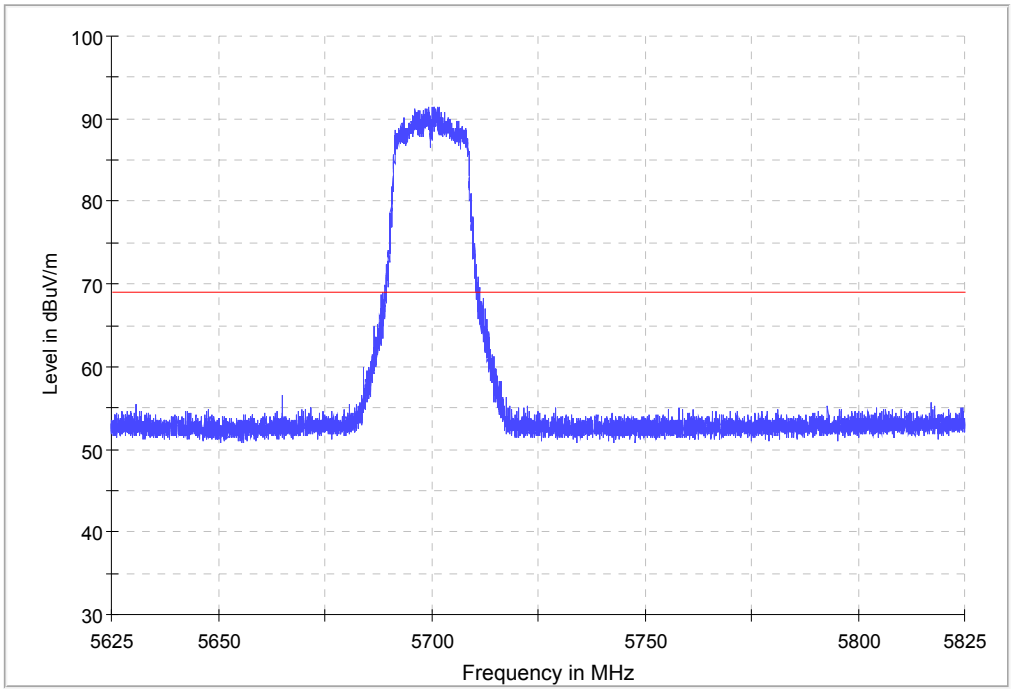
Vertical

Band edge

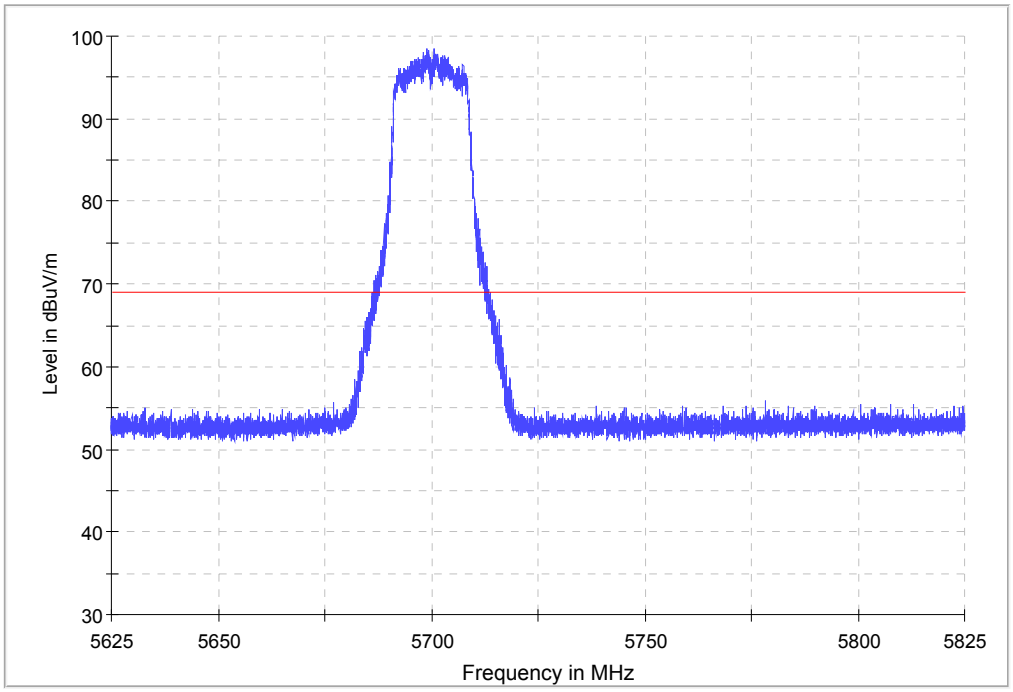
11ac VHT20 IN THE 5.6GHz BAND

CH140

PK



Horizontal



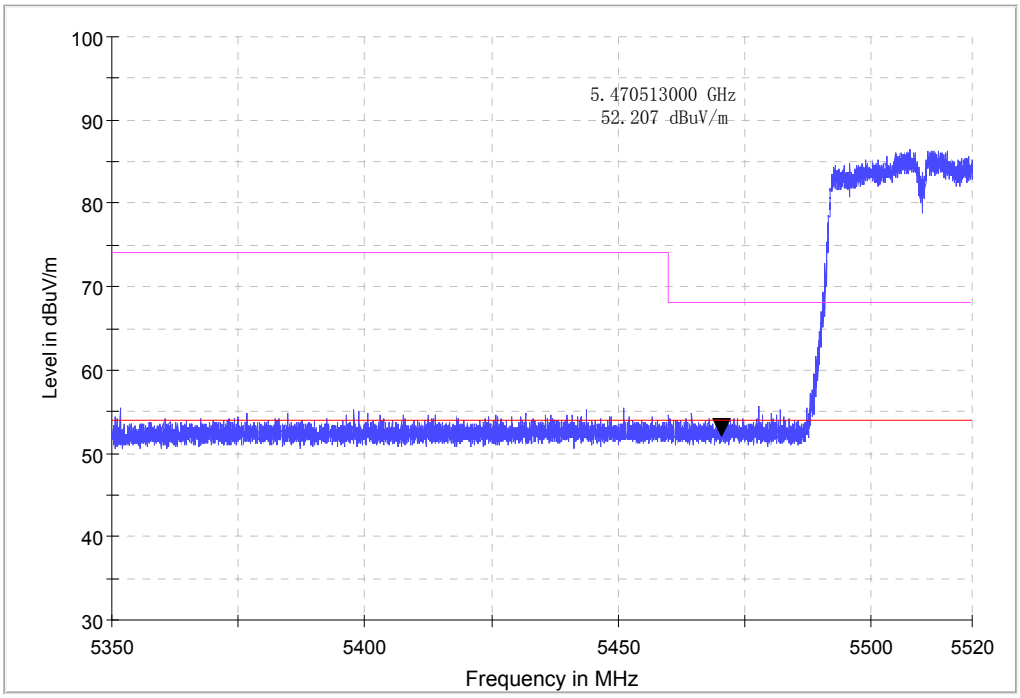
Vertical

Band edge

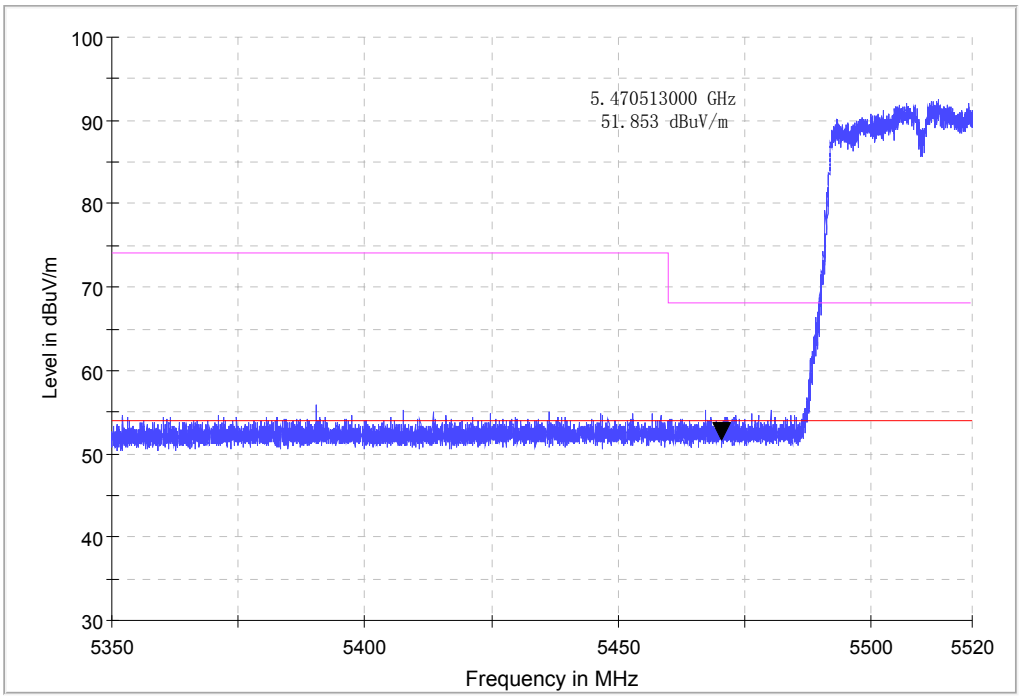
11ac VHT40 IN THE 5.6GHz BAND

CH102

PK



Horizontal



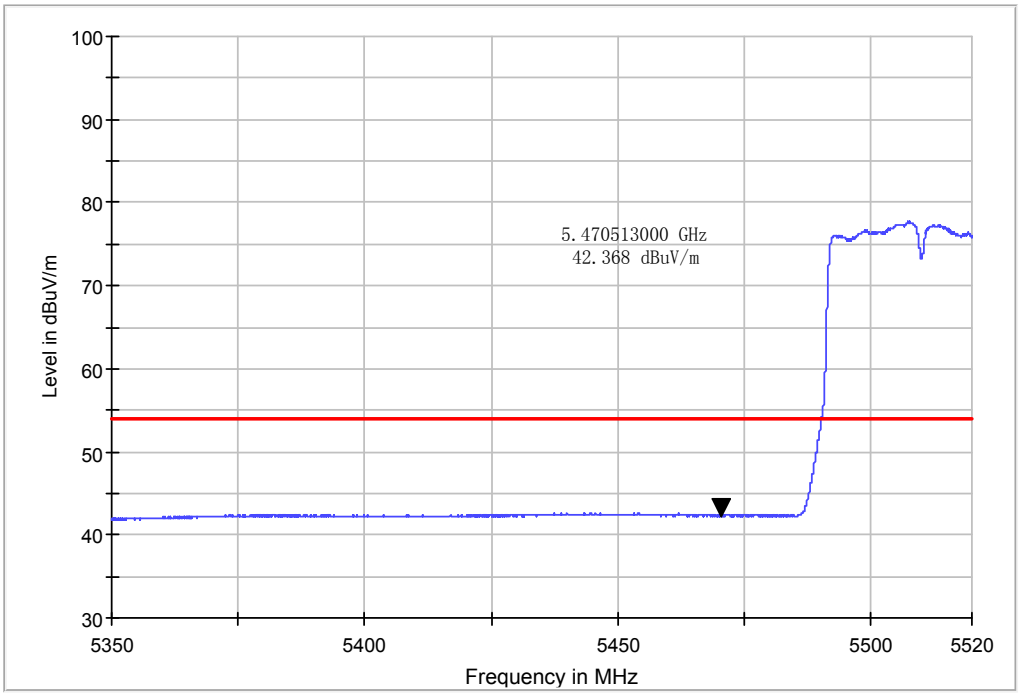
Vertical

Band edge

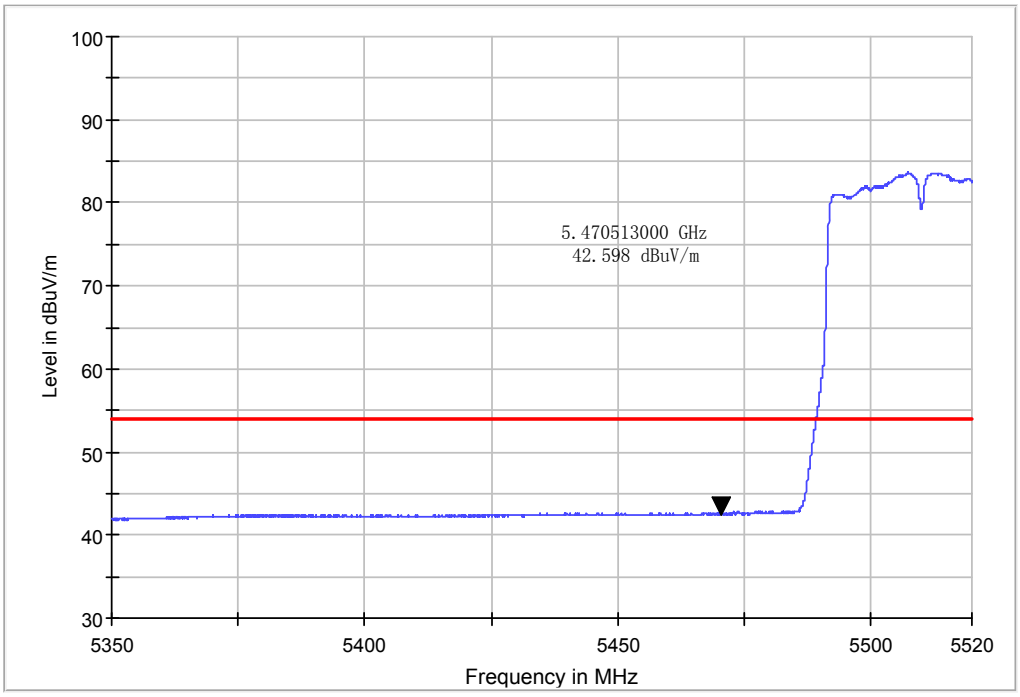
11ac VHT40 IN THE 5.6GHz BAND

CH102

AV



Horizontal



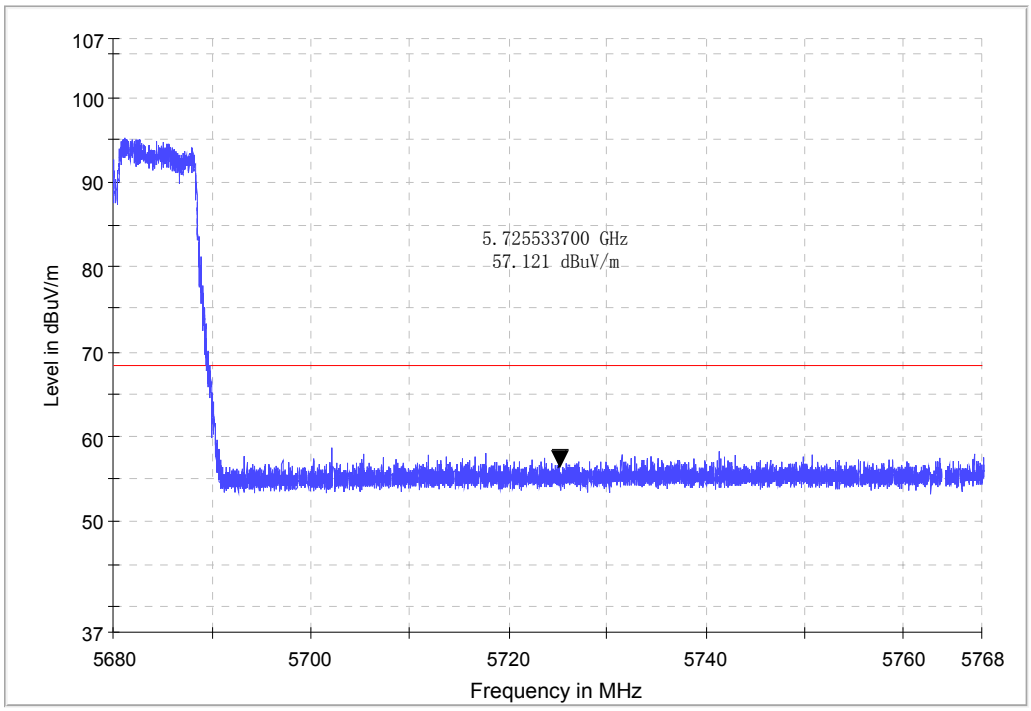
Vertical

Band edge

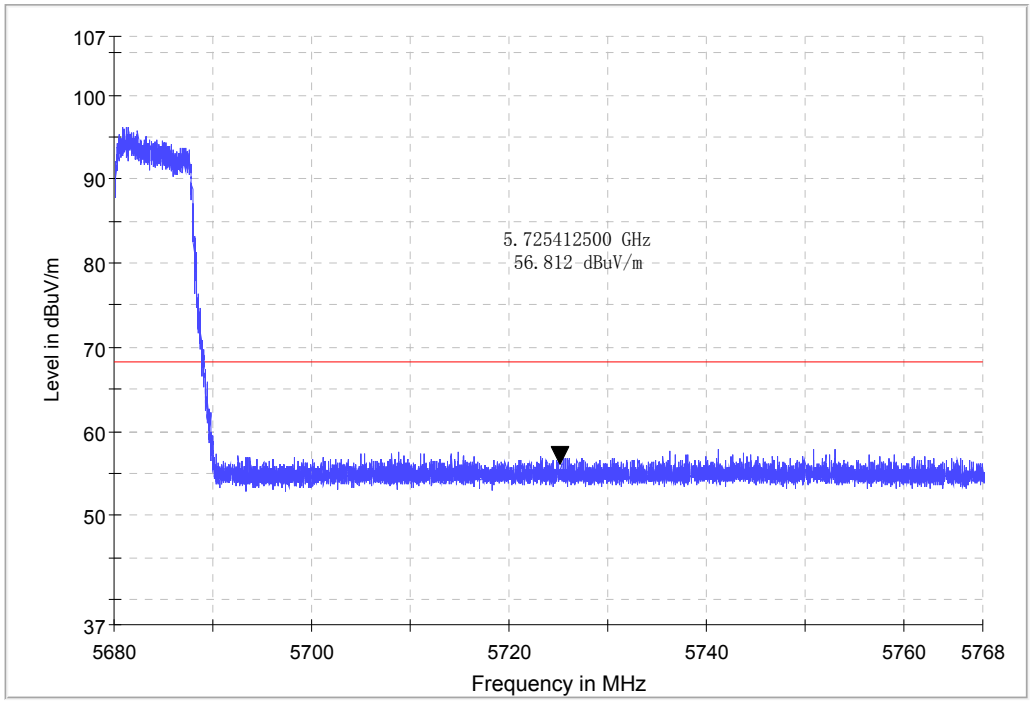
11ac VHT40 IN THE 5.6GHz BAND

CH134

PK



Horizontal



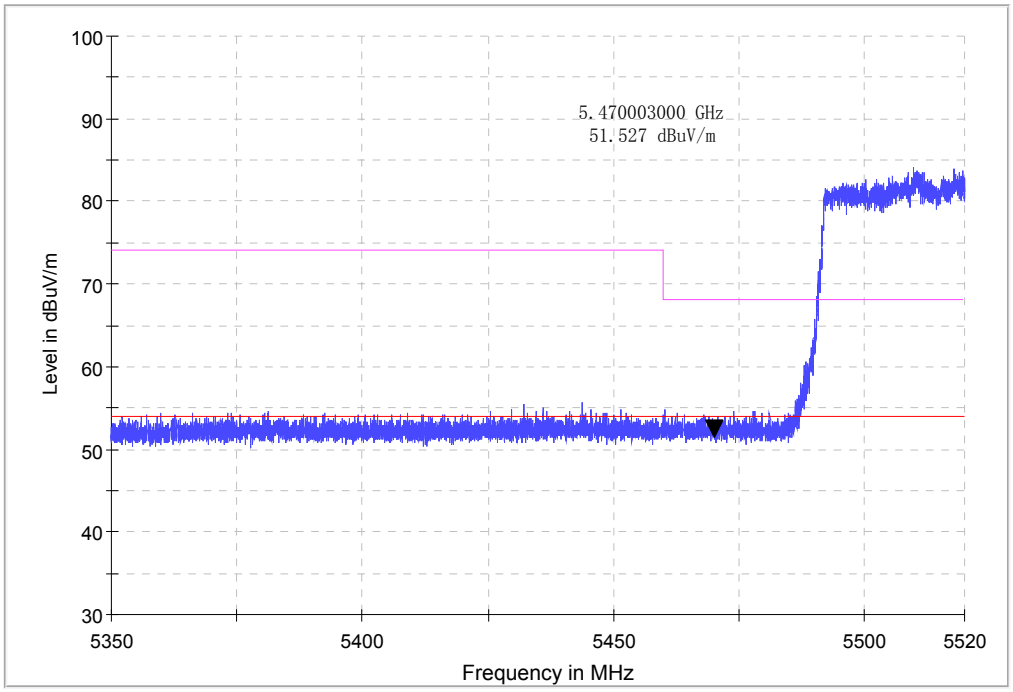
Vertical

Band edge

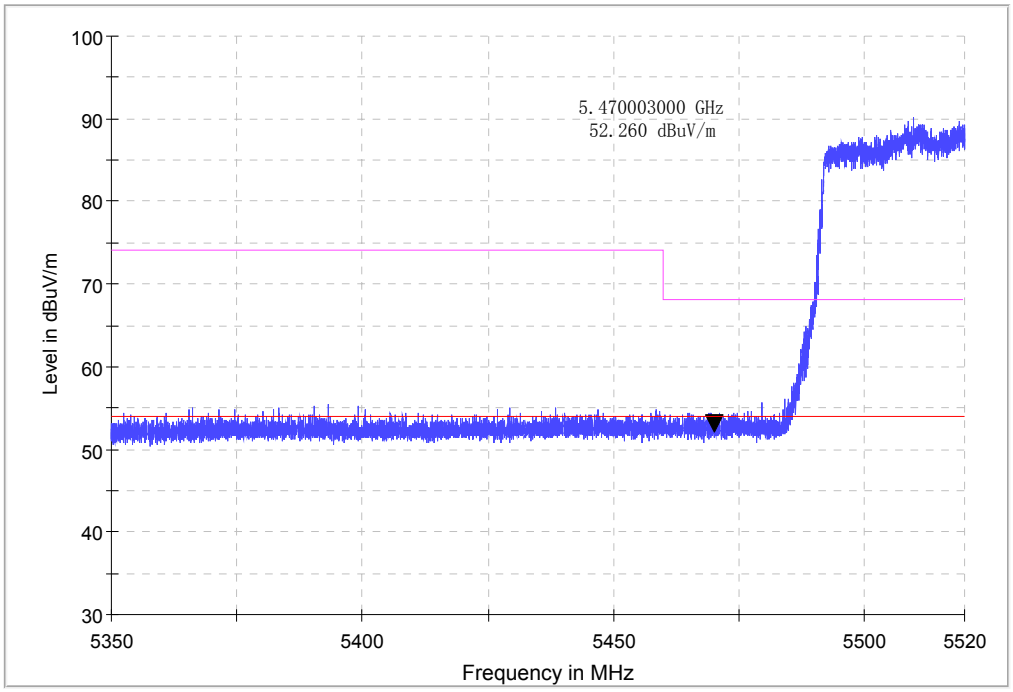
11ac VHT80 IN THE 5.6GHz BAND

CH106

PK



Horizontal



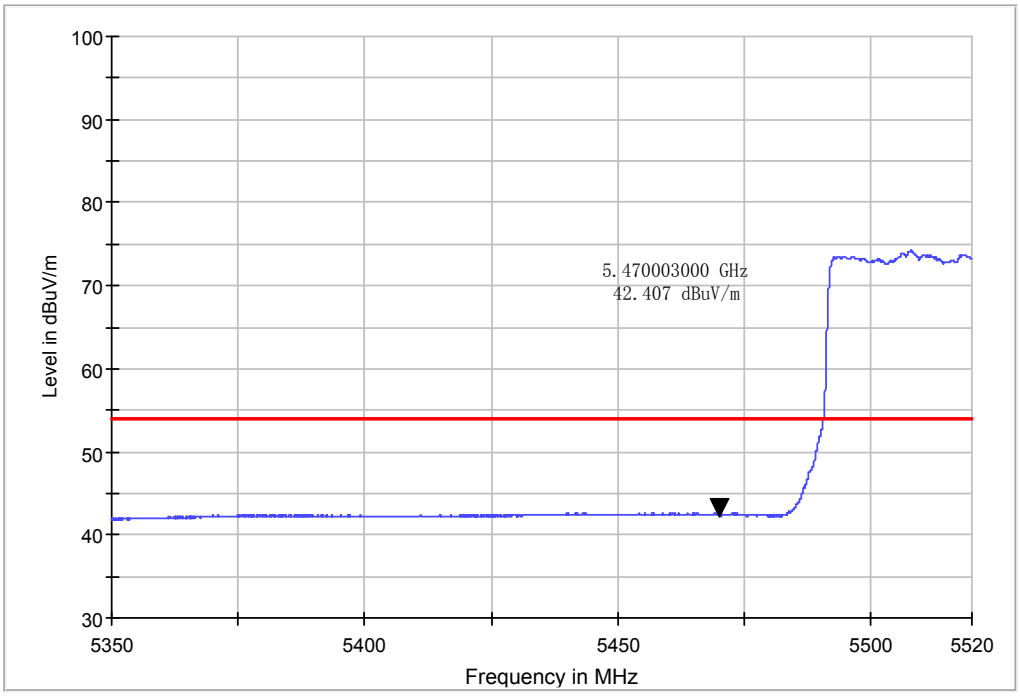
Vertical

Band edge

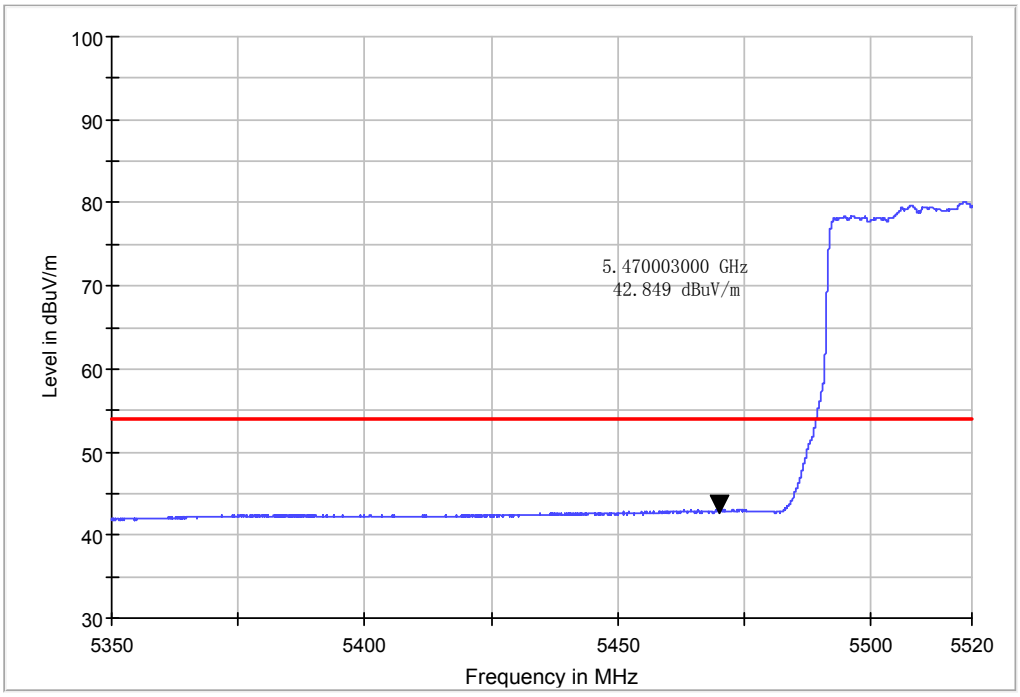
11ac VHT80 IN THE 5.6GHz BAND

CH106

AV



Horizontal



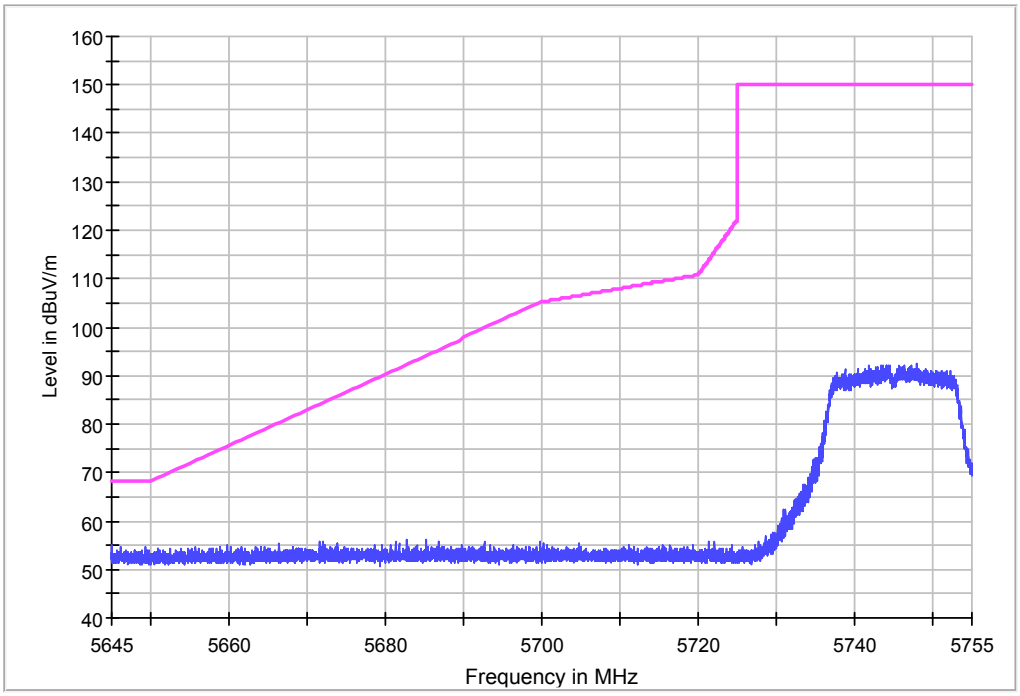
Vertical

Band edge

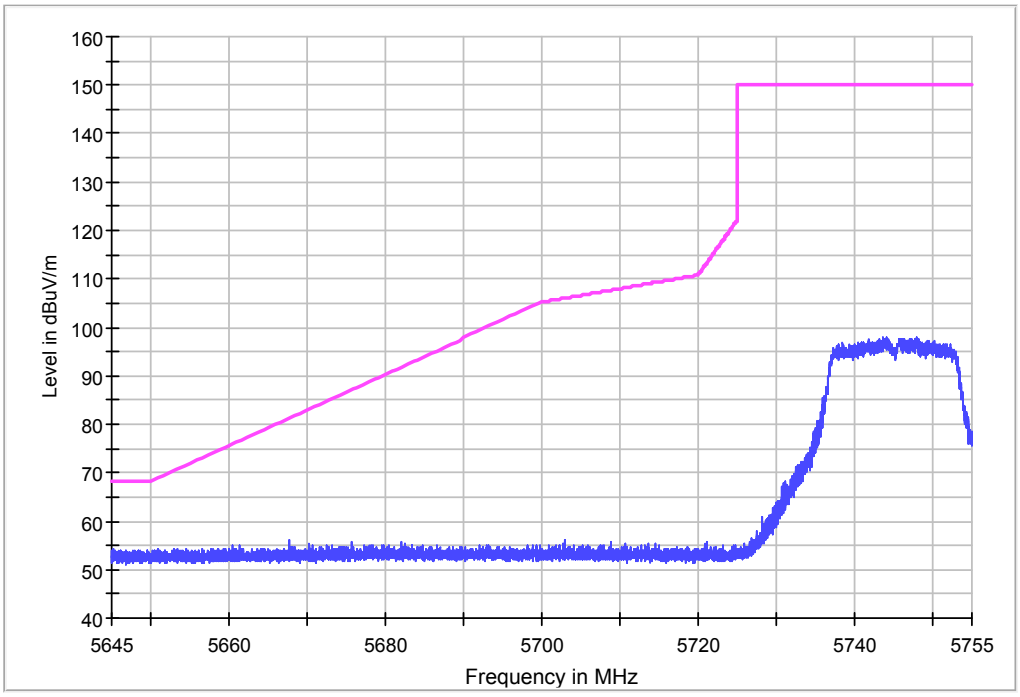
11a IN THE 5.8GHz BAND

CH1

PK



Horizontal



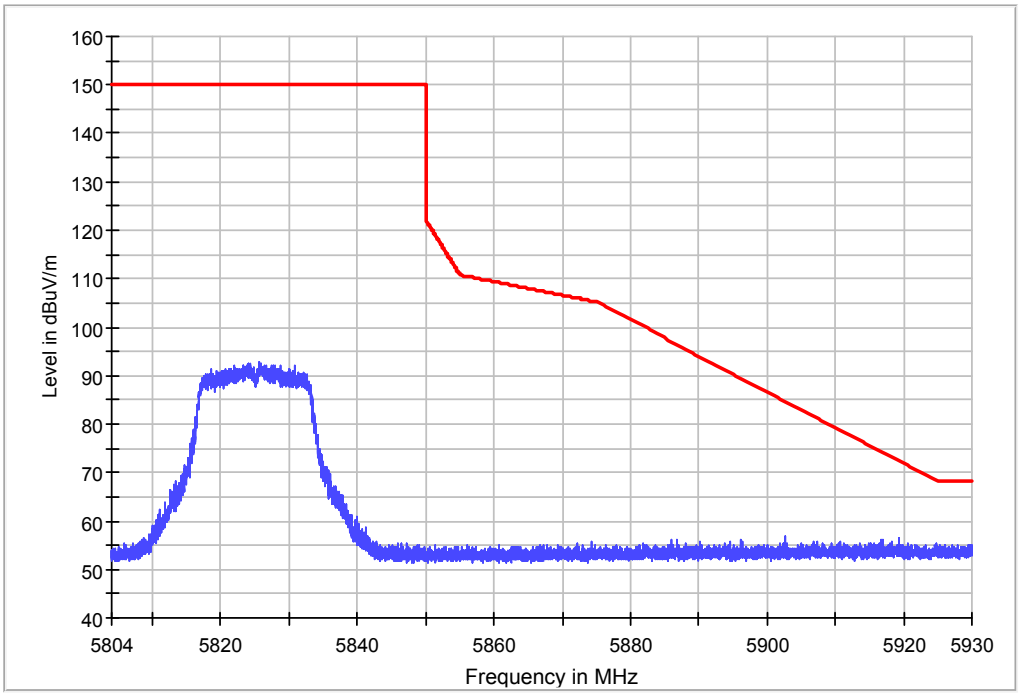
Vertical

Band edge

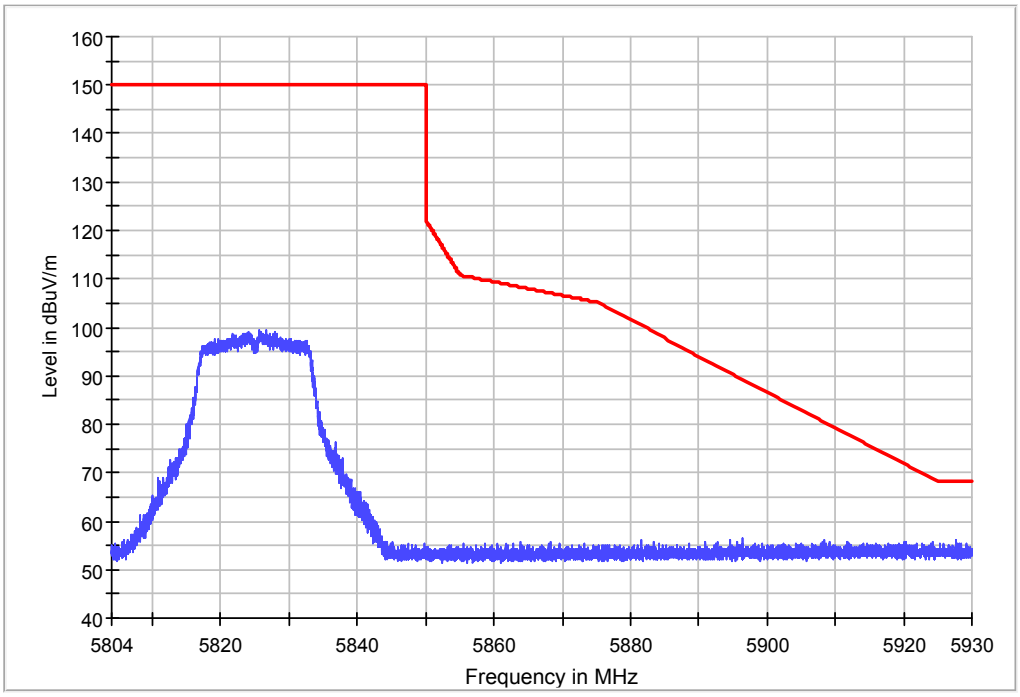
11a IN THE 5.8GHz BAND

CH165

PK



Horizontal



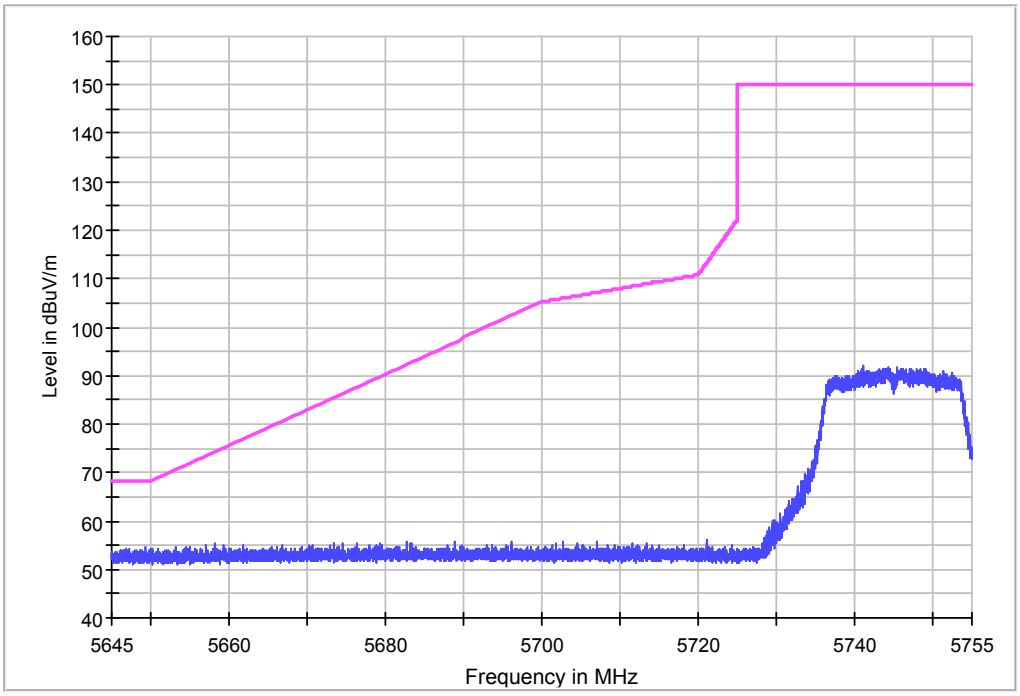
Vertical

Band edge

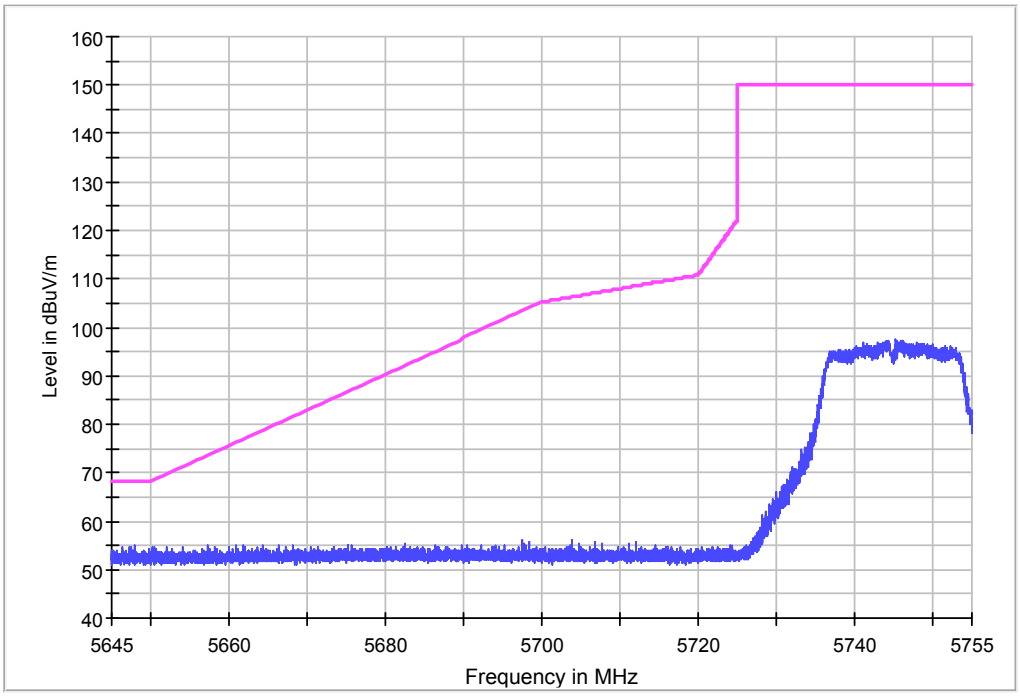
11n HT20 IN THE 5.8GHz BAND

CH149

PK



Horizontal



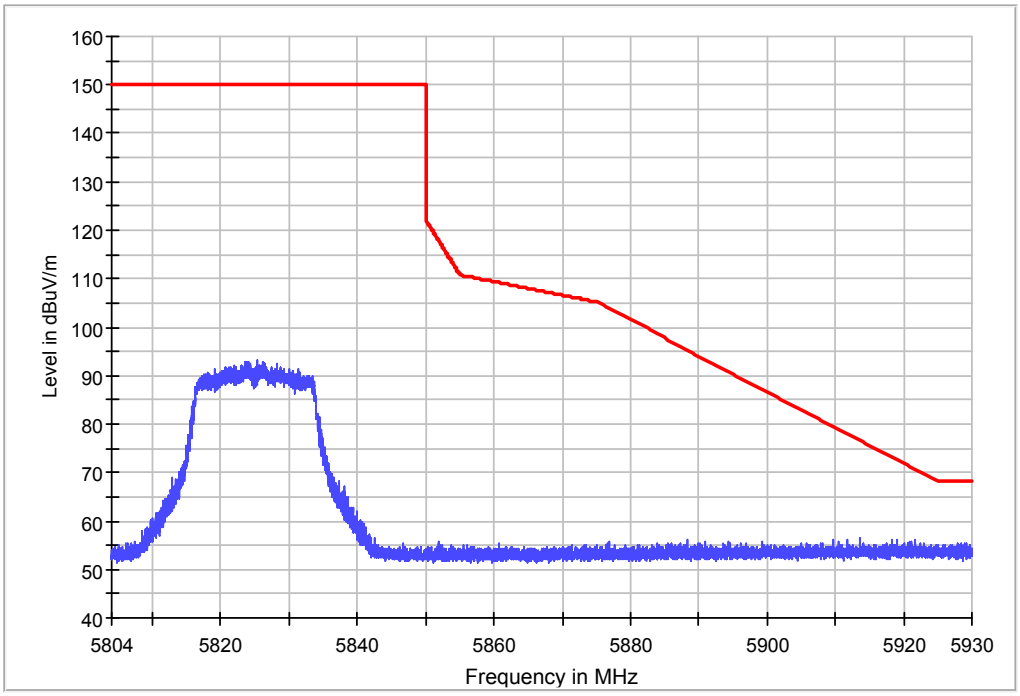
Vertical

Band edge

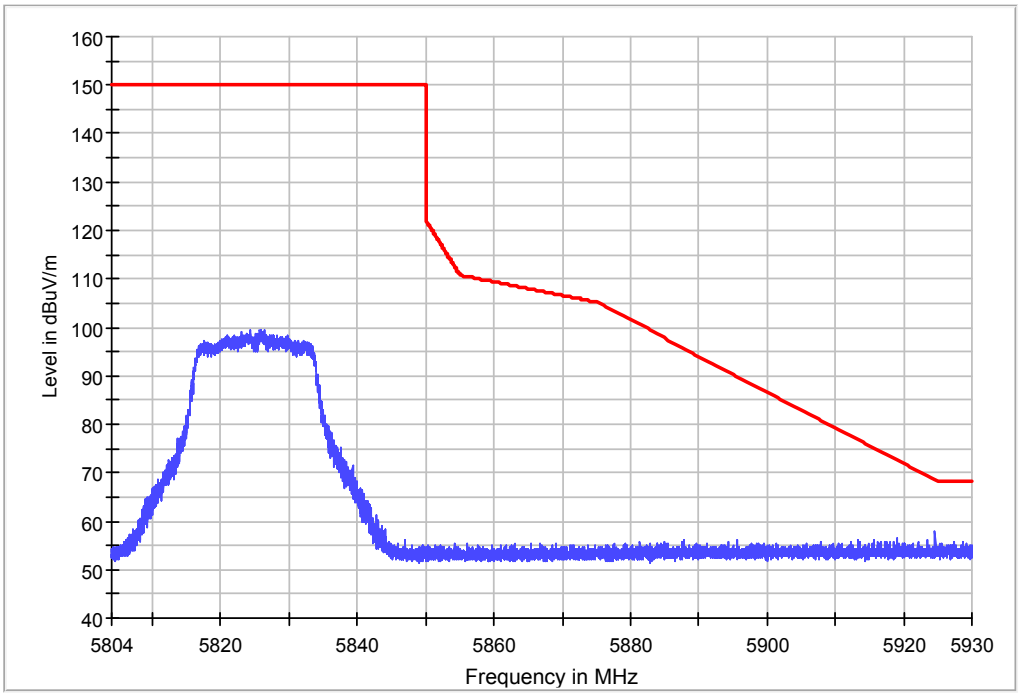
11n HT20 IN THE 5.8GHz BAND

CH165

PK



Horizontal



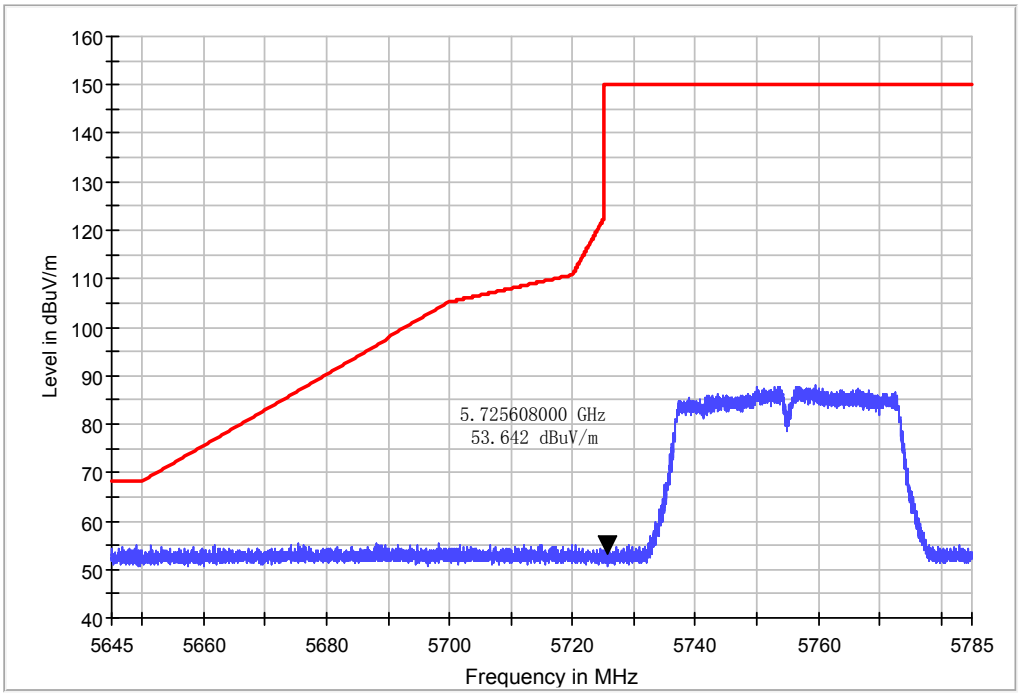
Vertical

Band edge

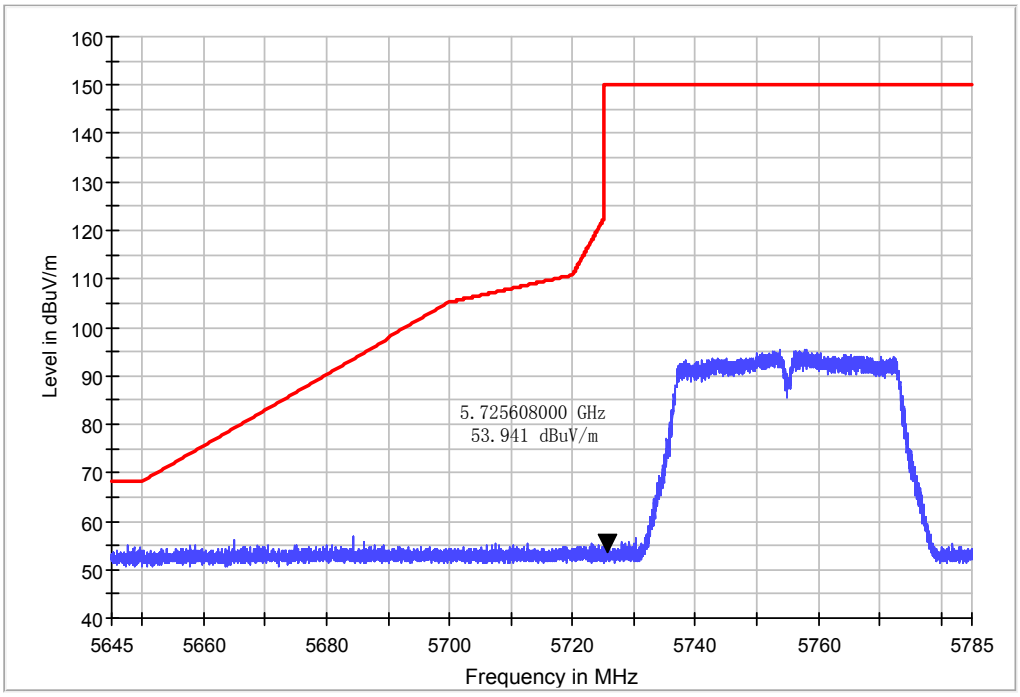
11n HT40 IN THE 5.8GHz BAND

CH151

PK



Horizontal



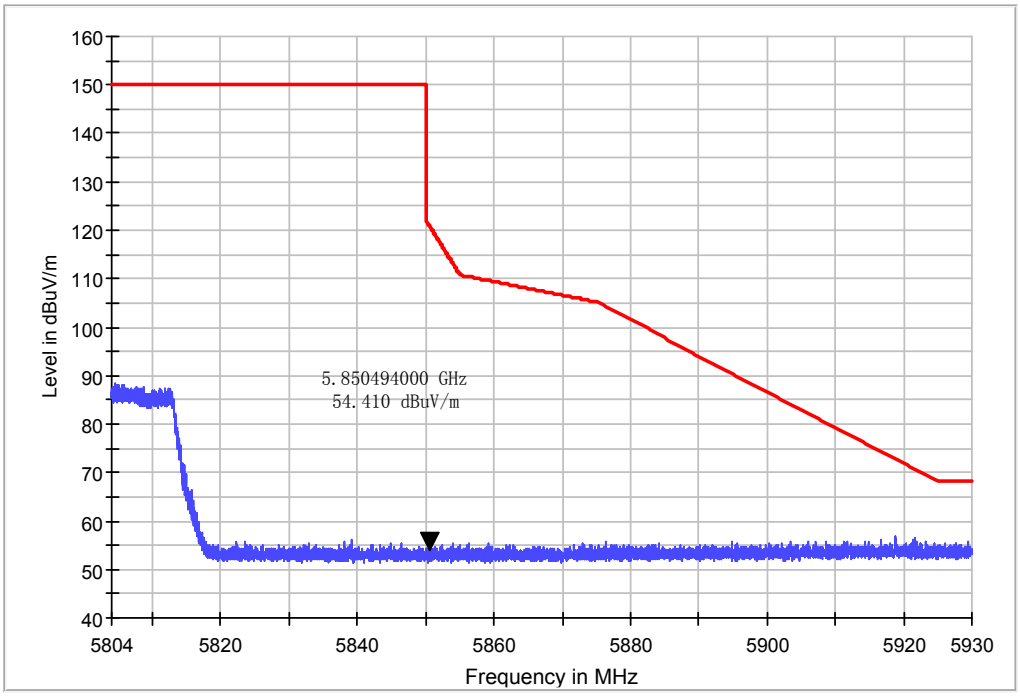
Vertical

Band edge

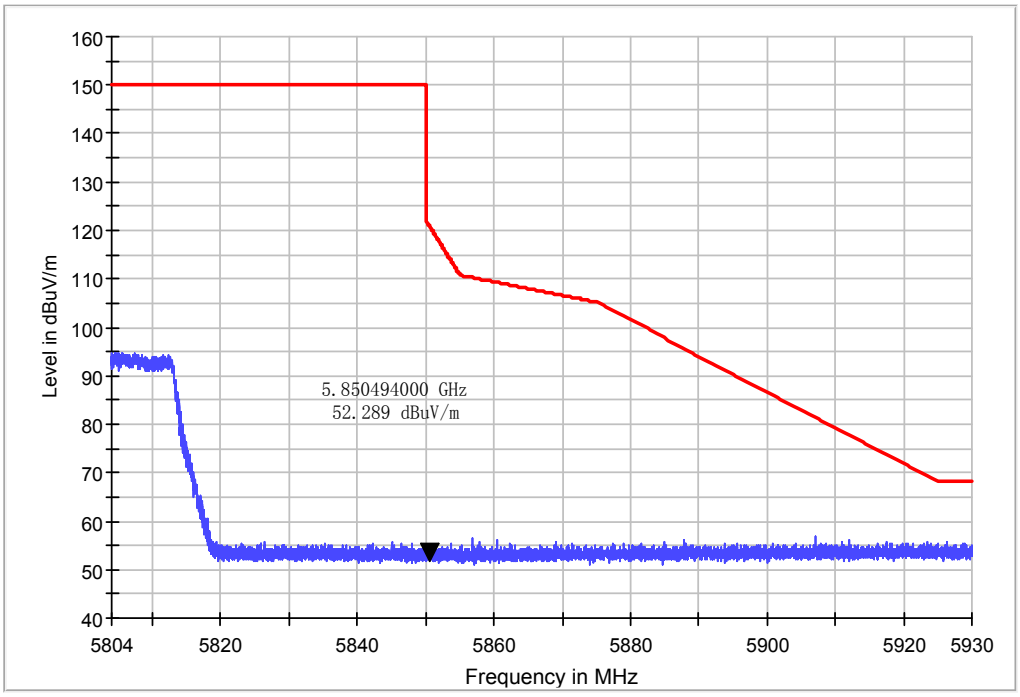
11n HT40 IN THE 5.8GHz BAND

CH159

PK



Horizontal



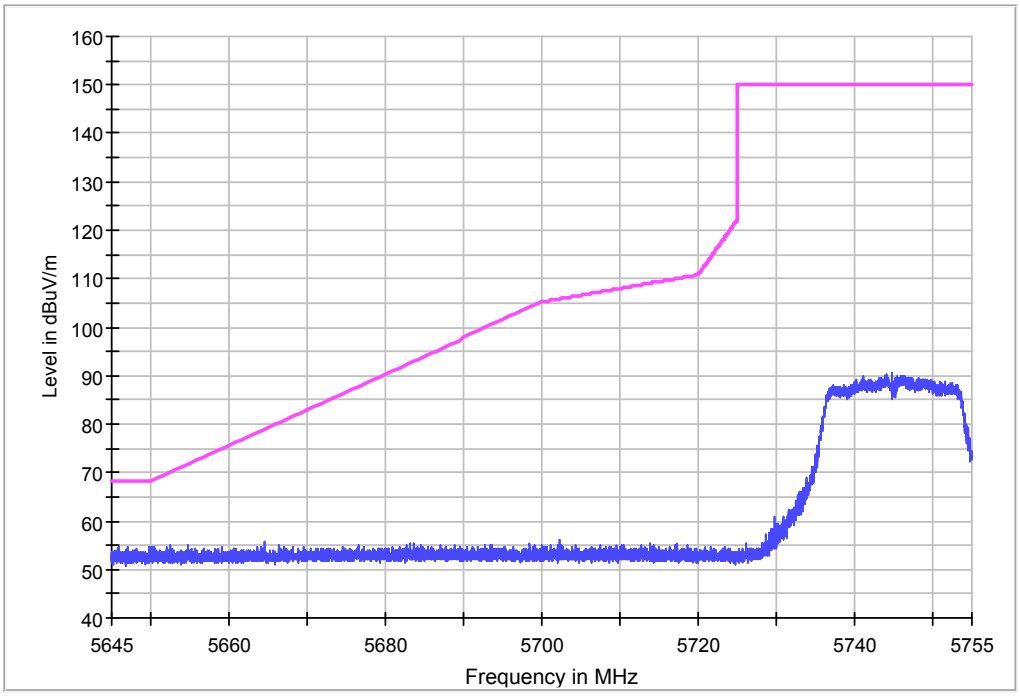
Vertical

Band edge

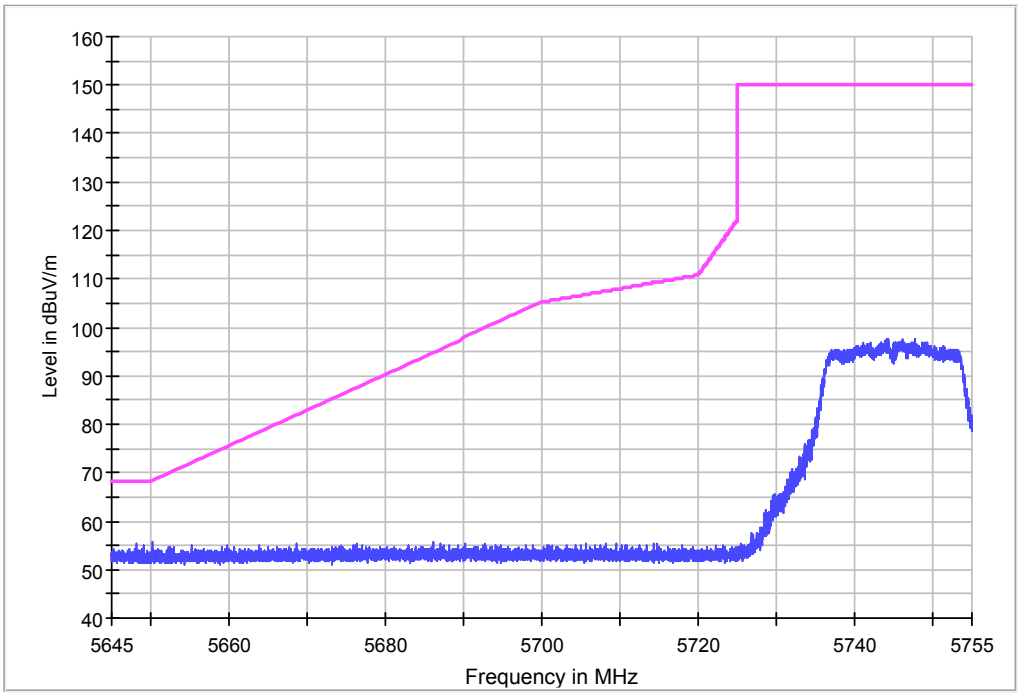
11ac VHT20 IN THE 5.8GHz BAND

CH149

PK



Horizontal



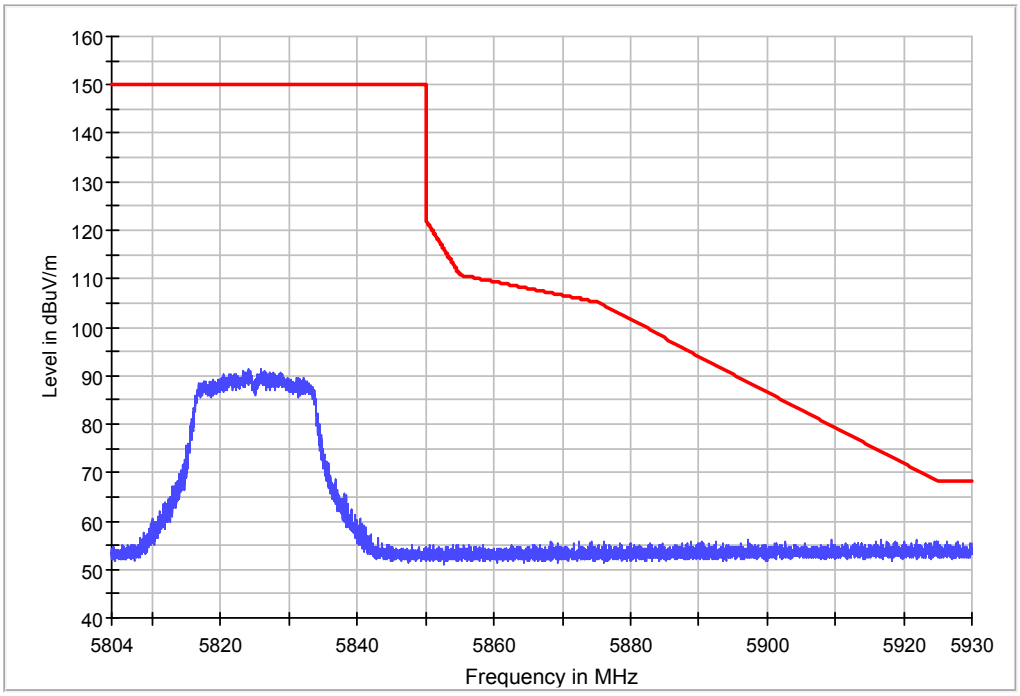
Vertical

Band edge

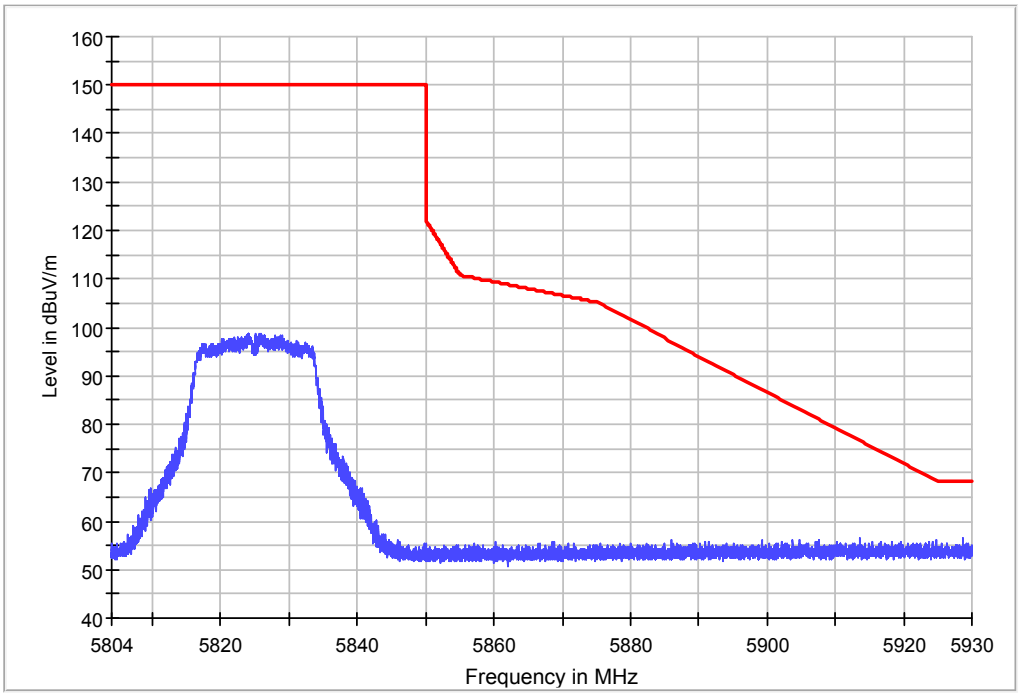
11ac VHT20 IN THE 5.8GHz BAND

CH165

PK



Horizontal



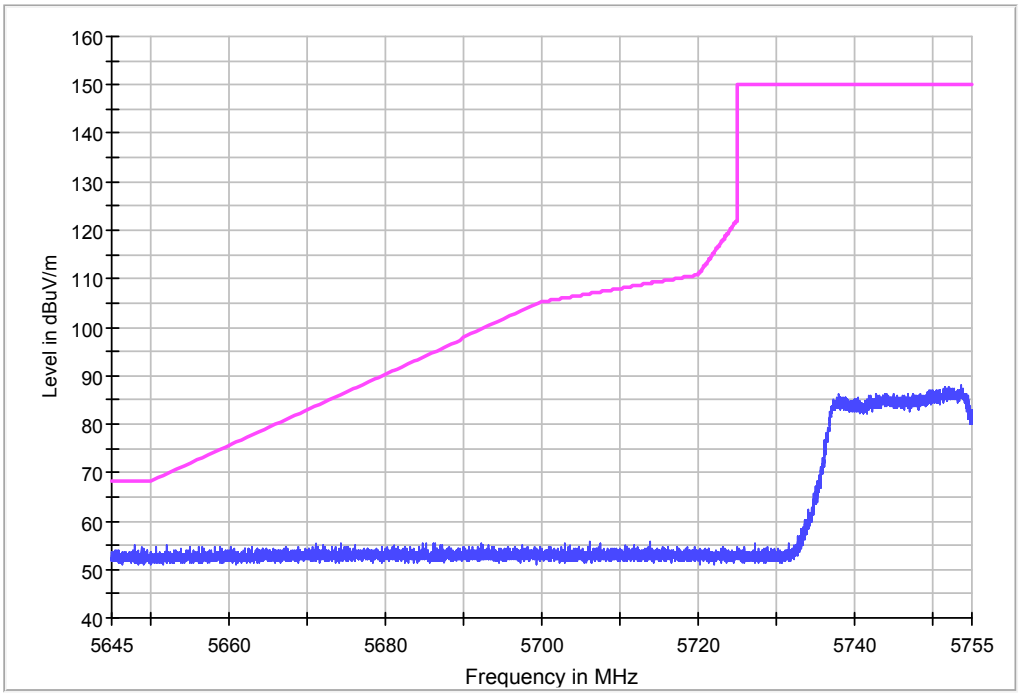
Vertical

Band edge

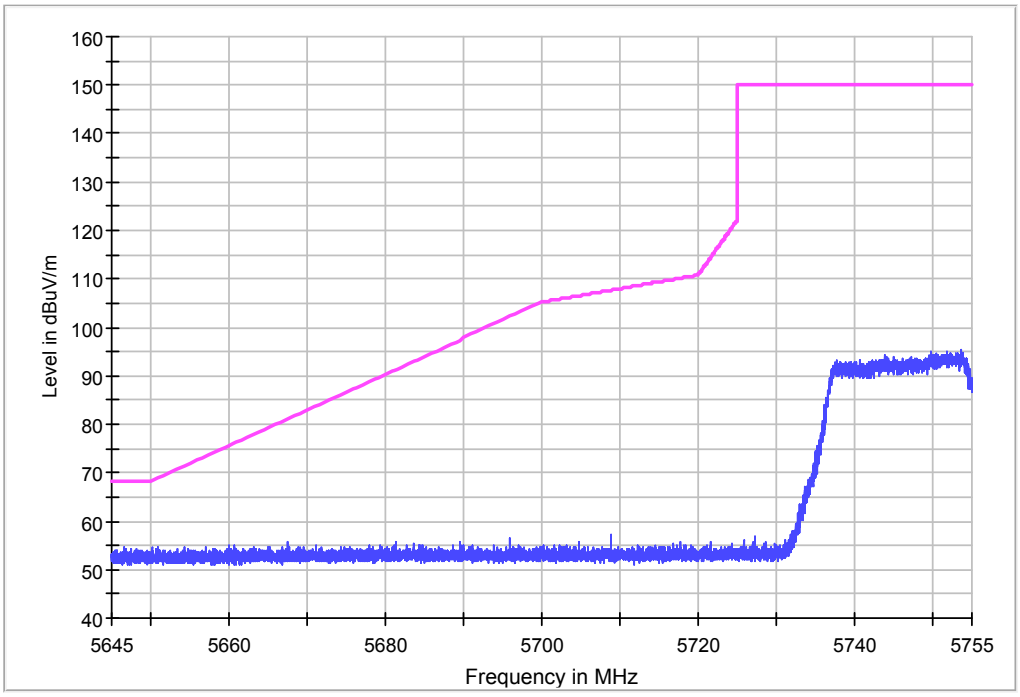
11ac VHT40 IN THE 5.8GHz BAND

CH151

PK



Horizontal



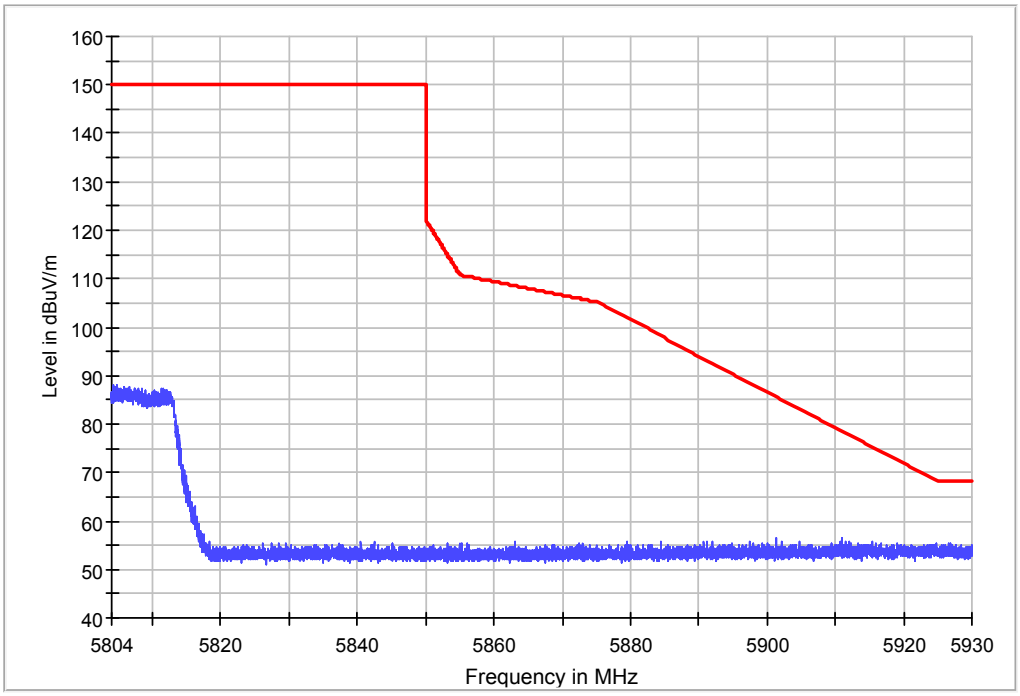
Vertical

Band edge

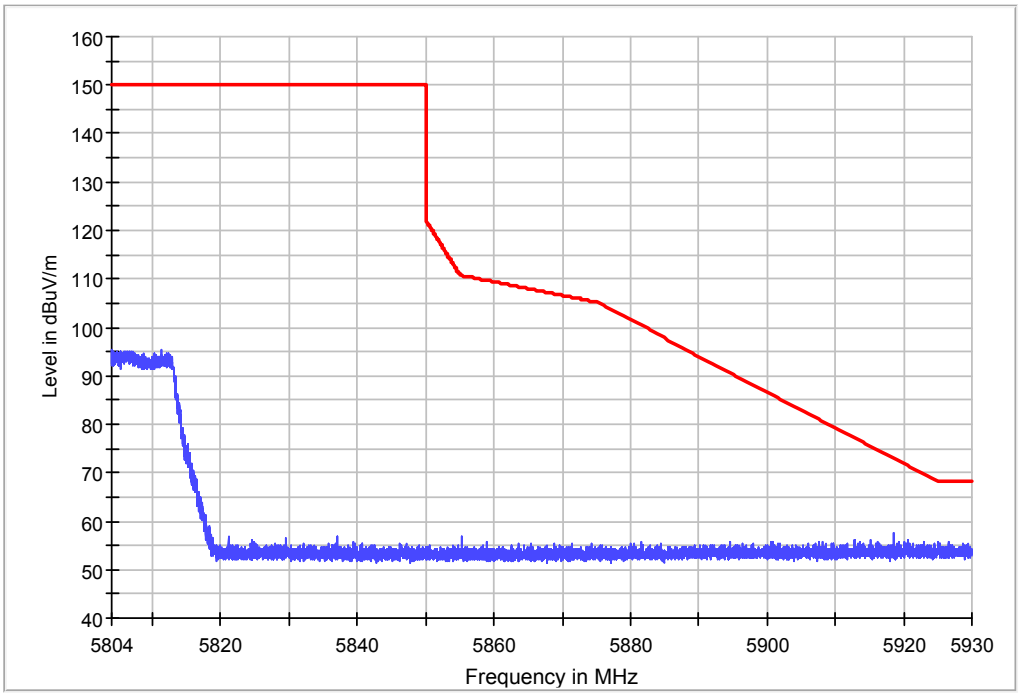
11ac VHT40 IN THE 5.8GHz BAND

CH159

PK



Horizontal



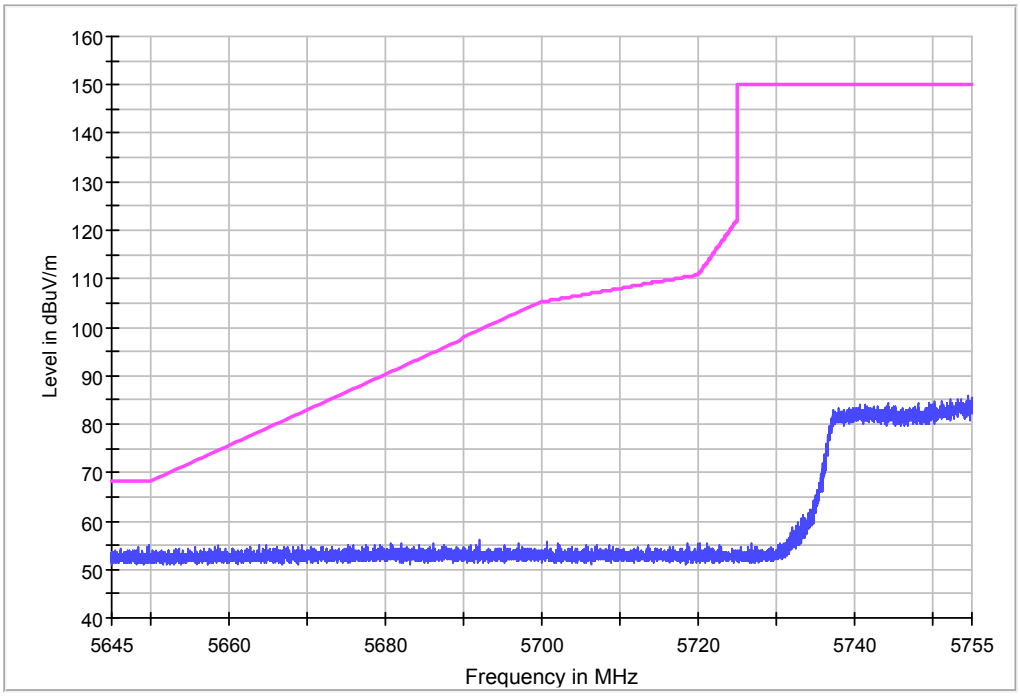
Vertical

Band edge

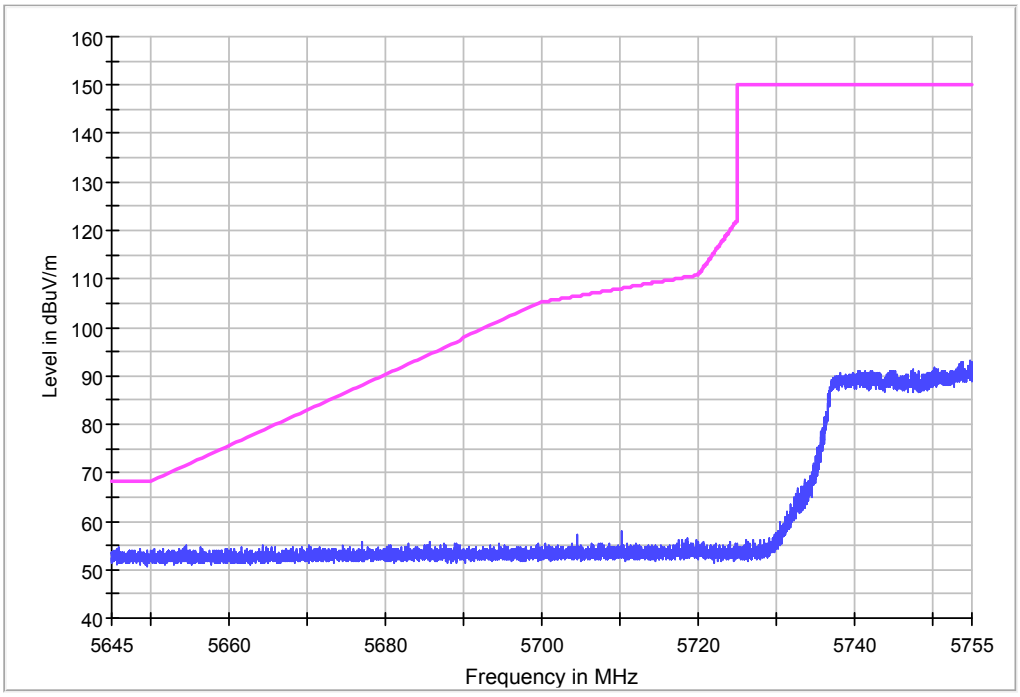
11ac VHT80 IN THE 5.8GHz BAND

CH155

PK



Horizontal



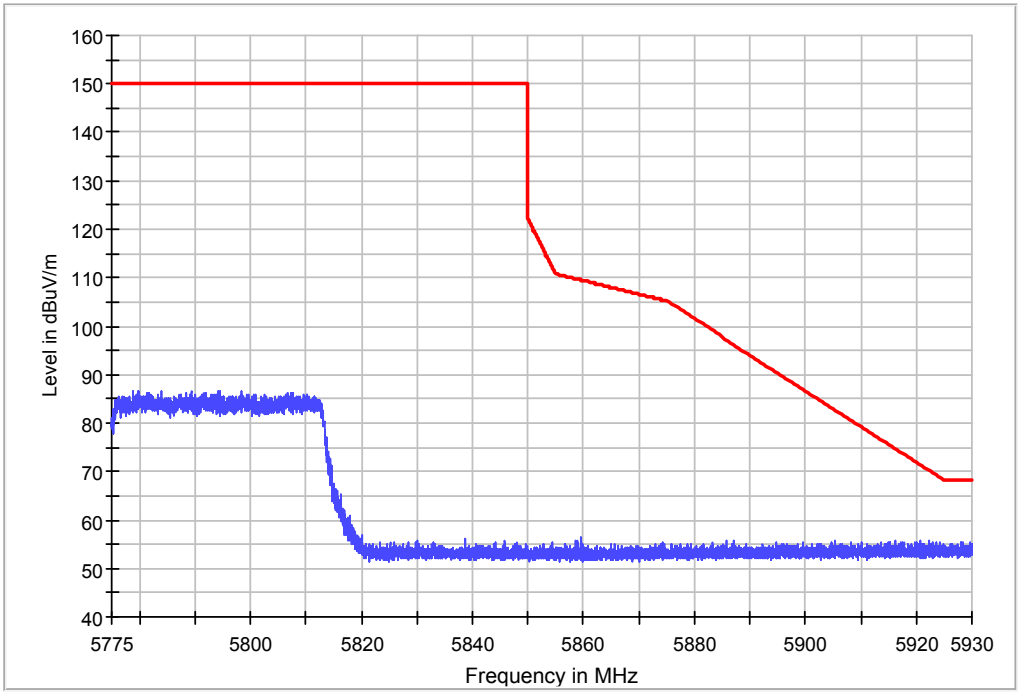
Vertical

Band edge

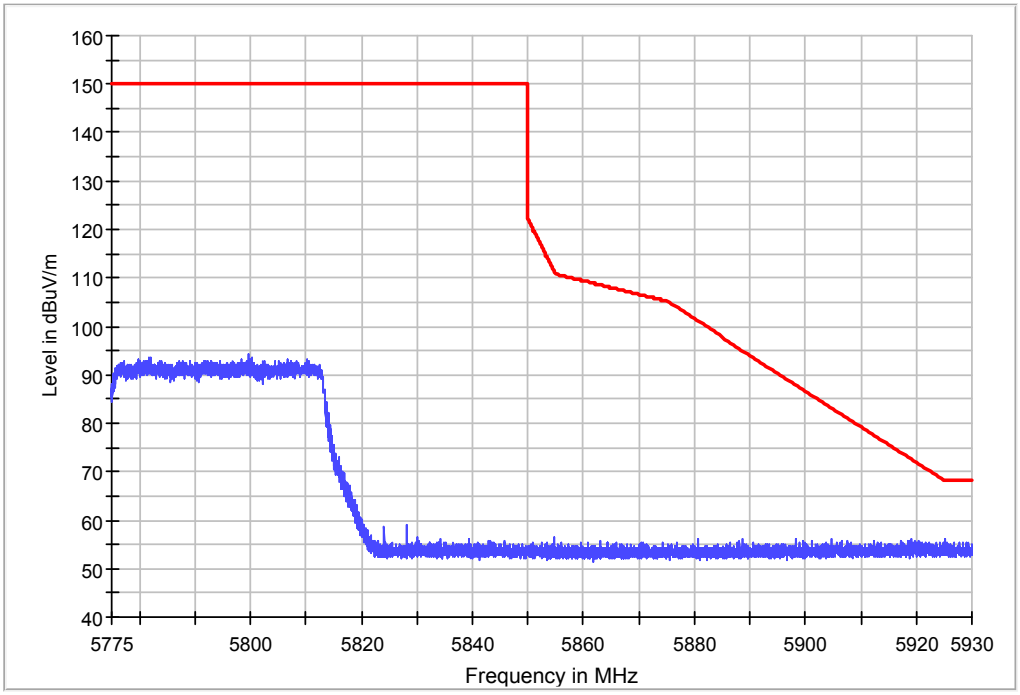
11ac VHT80 IN THE 5.8GHz BAND

CH155

PK



Horizontal



Vertical

END OF REPORT